

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
 Data File : BG039132.D
 Acq On : 15 Jan 2019 14:35
 Operator : JU/SJ
 Sample : PB116382BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 15 16:58:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	20299	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	106193	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	68687	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	188258	20.00	ng	0.00
76) Chrysene-d12	21.69	240	206315	20.00	ng	-0.01
87) Perylene-d12	24.97	264	217317	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	173046	161.71	ng	0.00
7) Phenol-d6	7.19	99	313423	203.53	ng	0.00
23) Nitrobenzene-d5	9.21	82	127261	65.58	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	171548	148.99	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	426400	84.96	ng	0.00
79) Terphenyl-d14	20.02	244	869187	77.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	13198	31.496	ng	96
3) Pyridine	3.86	79	32273	28.344	ng	99
4) n-Nitrosodimethylamine	3.78	42	23237	45.352	ng	94
6) Aniline	7.35	93	77142	41.711	ng	98
8) 2-Chlorophenol	7.58	128	59607	47.255	ng	98
9) Benzaldehyde	7.17	77	18020	20.291	ng	95
10) Phenol	7.21	94	96591	62.561	ng	94
11) bis(2-Chloroethyl)ether	7.44	93	52055	44.114	ng	99
12) 1,3-Dichlorobenzene	7.91	146	54493	36.057	ng	97
13) 1,4-Dichlorobenzene	8.06	146	57962	37.869	ng	100
14) 1,2-Dichlorobenzene	8.38	146	56162	38.484	ng	95
15) Benzyl Alcohol	8.27	79	51826	44.689	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	88490	39.108	ng	99
17) 2-Methylphenol	8.47	107	49880	46.527	ng	97
18) Hexachloroethane	9.10	117	20064	38.585	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	40004	39.559	ng	99
20) 3+4-Methylphenols	8.80	107	70149	45.894	ng	98
22) Acetophenone	8.85	105	81854	29.516	ng	# 99
24) Nitrobenzene	9.25	77	61852	31.532	ng	99
25) Isophorone	9.76	82	145687	43.581	ng	99
26) 2-Nitrophenol	9.96	139	39870	37.577	ng	97
27) 2,4-Dimethylphenol	10.00	122	76393	51.177	ng	90
28) bis(2-Chloroethoxy)methane	10.24	93	82556	41.091	ng	100
29) 2,4-Dichlorophenol	10.49	162	81817	44.120	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	72343	32.468	ng	100
31) Naphthalene	10.90	128	214357	40.247	ng	98
32) Benzoic acid	10.17	122	25795	32.015	ng	98
33) 4-Chloroaniline	11.02	127	63233	26.533	ng	97
34) Hexachlorobutadiene	11.15	225	52253	34.082	ng	98
35) Caprolactam	11.80	113	13229	17.790	ng	93
36) 4-Chloro-3-methylphenol	12.13	107	81158	40.918	ng	92
37) 2-Methylnaphthalene	12.50	142	191166	47.874	ng	99
38) 1-Methylnaphthalene	12.71	142	156724	40.890	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	105280	40.813	ng	99

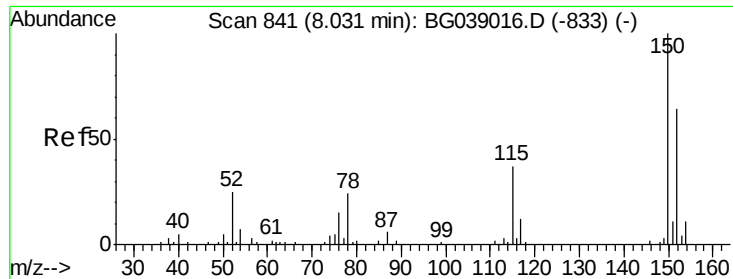
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
 Data File : BG039132.D
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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: Jan 15 16:58:35 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	117506	80.817	ng	98
43) 2,4,6-Trichlorophenol	13.10	196	71052	43.764	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	81485	47.487	ng	99
46) 1,1'-Biphenyl	13.50	154	205854	37.823	ng	100
47) 2-Chloronaphthalene	13.55	162	164727	37.401	ng	99
48) 2-Nitroaniline	13.76	65	50842	41.205	ng	87
49) Acenaphthylene	14.39	152	271755	41.051	ng	98
50) Dimethylphthalate	14.12	163	234665	40.429	ng	99
51) 2,6-Dinitrotoluene	14.25	165	52872	40.743	ng	100
52) Acenaphthene	14.73	154	154907	38.947	ng	96
53) 3-Nitroaniline	14.59	138	37317	28.347	ng	97
54) 2,4-Dinitrophenol	14.80	184	65733	84.405	ng	93
55) Dibenzofuran	15.06	168	276303	39.334	ng	100
56) 4-Nitrophenol	14.90	139	86706	91.538	ng	94
57) 2,4-Dinitrotoluene	15.04	165	77610	41.686	ng	96
58) Fluorene	15.72	166	225104	42.572	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	72623	44.835	ng	98
60) Diethylphthalate	15.47	149	246590	41.234	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	128687	38.631	ng	98
62) 4-Nitroaniline	15.76	138	57053	41.602	ng	99
63) Azobenzene	15.99	77	185781	39.725	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	52833	37.881	ng	97
66) n-Nitrosodiphenylamine	15.92	169	210691	37.752	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	100736	41.627	ng	99
68) Hexachlorobenzene	16.71	284	100562	38.082	ng	99
69) Atrazine	16.86	200	86500	36.485	ng	96
70) Pentachlorophenol	17.07	266	109880	68.265	ng	98
71) Phenanthrene	17.46	178	407790	40.981	ng	99
72) Anthracene	17.55	178	416652	42.349	ng	99
73) Carbazole	17.82	167	375210	38.632	ng	98
74) Di-n-butylphthalate	18.35	149	423190	39.167	ng	99
75) Fluoranthene	19.46	202	523309	42.422	ng	99
77) Benzidine	19.65	184	221732	35.138	ng	100
78) Pyrene	19.83	202	521680	39.677	ng	98
80) Butylbenzylphthalate	20.70	149	194105	38.815	ng	99
81) Benzo(a)anthracene	21.67	228	520336	41.430	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	140077	27.373	ng	97
83) Chrysene	21.74	228	478891	40.091	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	271820	39.147	ng	96
85) Di-n-octyl phthalate	22.75	149	467593	39.826	ng	100
86) Indeno(1,2,3-cd)pyrene	28.73	276	680327	47.664	ng	99
88) Benzo(b)fluoranthene	23.92	252	520805	43.463	ng	98
89) Benzo(k)fluoranthene	23.99	252	504790	42.607	ng	99
90) Benzo(a)pyrene	24.81	252	506312	43.714	ng	98
91) Dibenzo(a,h)anthracene	28.78	278	559500	48.565	ng	100
92) Benzo(g,h,i)perylene	29.90	276	564588	49.502	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

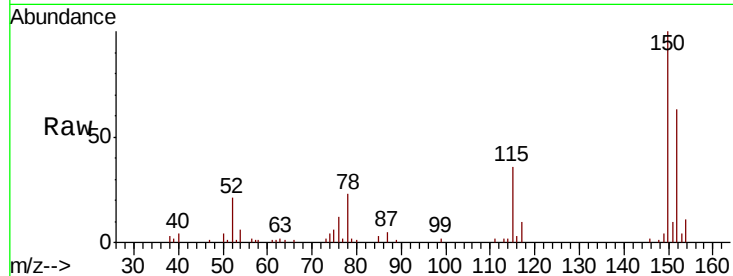


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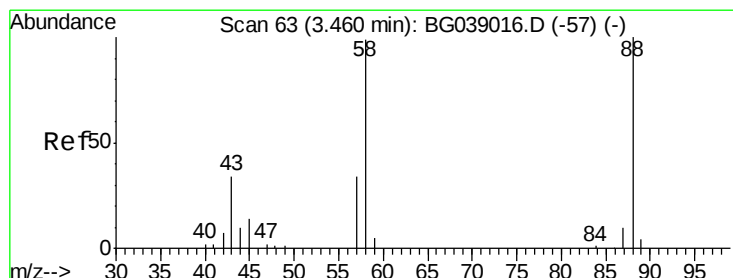
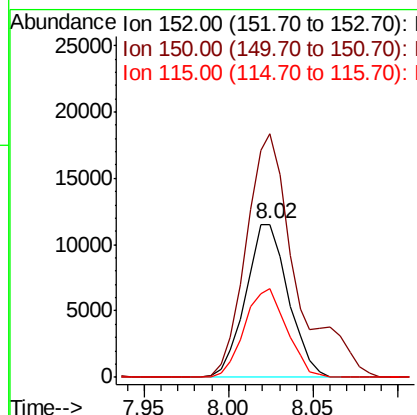
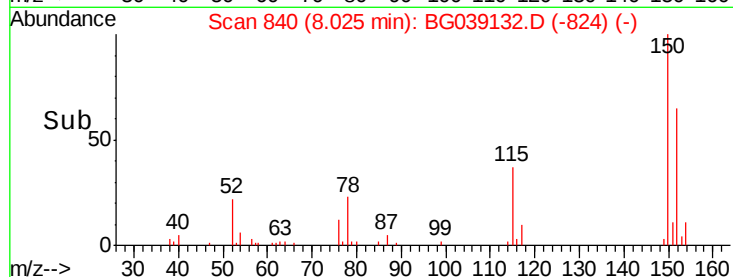
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 20299
Ion Ratio Lower Upper
152 100
150 158.8 124.7 187.1
115 57.5 46.5 69.7



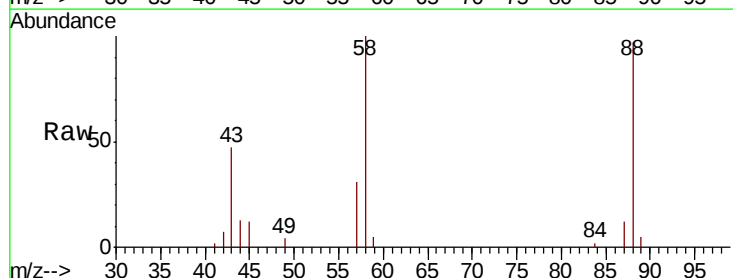
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



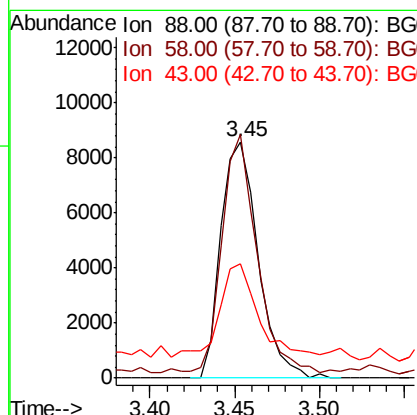
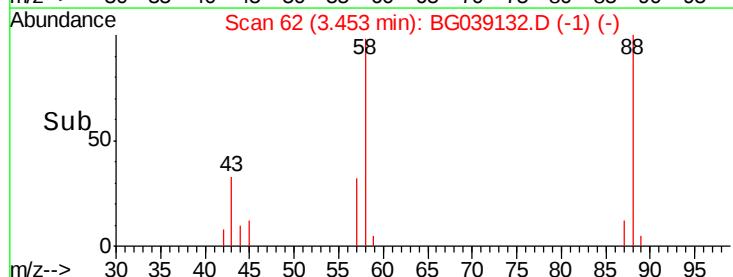
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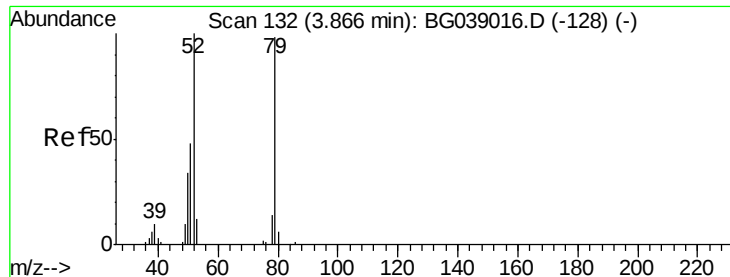
1,4-Dioxane
Concen: 31.496 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion: 88 Resp: 13198
Ion Ratio Lower Upper
88 100
58 94.7 72.4 108.6
43 35.6 27.6 41.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.344 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

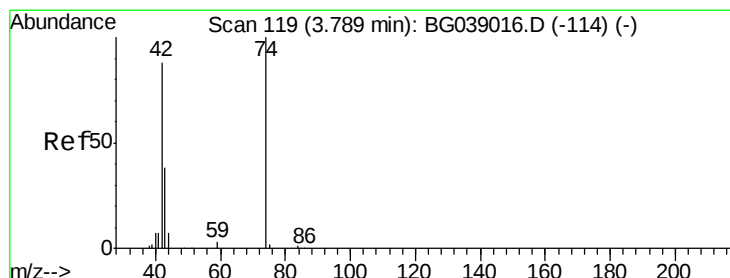
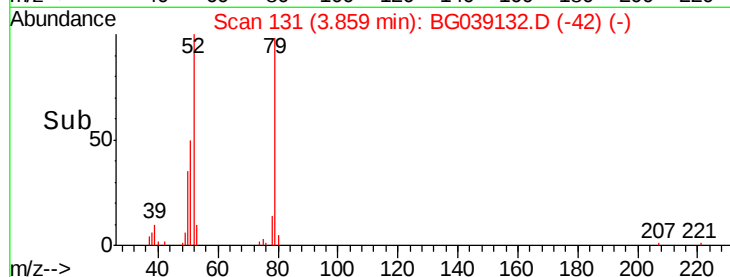
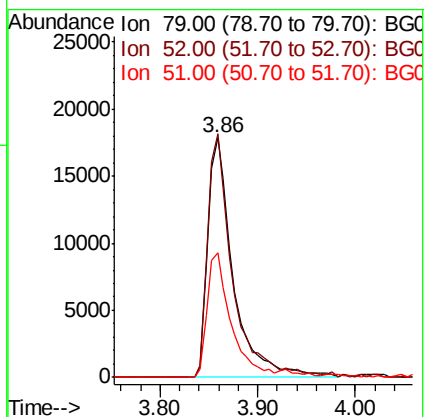
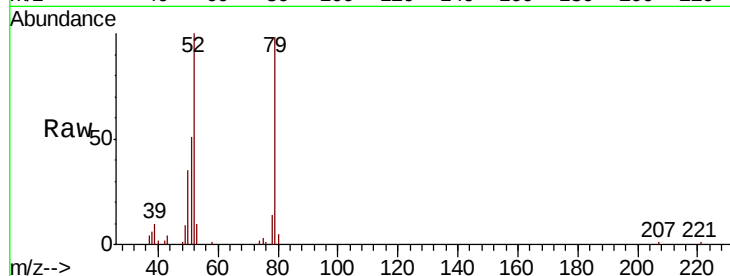
Tot Ion: 79 Resp: 32273

Ion Ratio Lower Upper

79 100

52 101.8 81.5 122.3

51 52.0 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 45.352 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

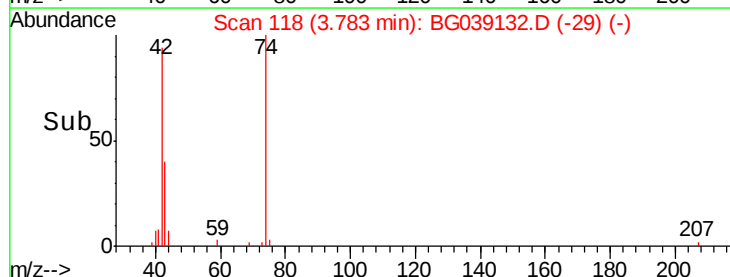
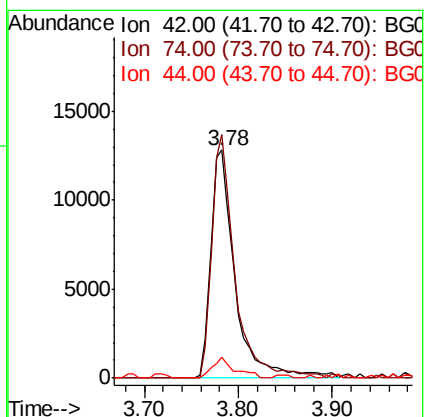
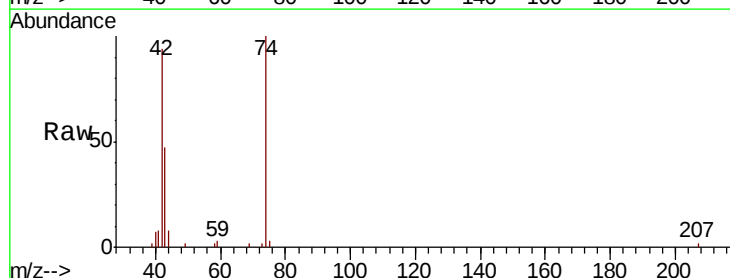
Tgt Ion: 42 Resp: 23237

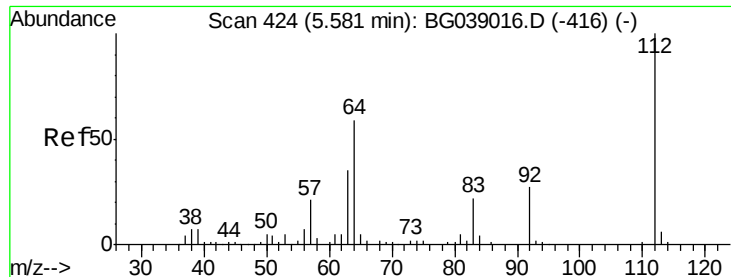
Ion Ratio Lower Upper

42 100

74 106.8 90.7 136.1

44 8.9 6.5 9.7





#5

2-Fluorophenol

Concen: 161.715 ng

RT: 5.57 min Scan# 423

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

ClientSampled :

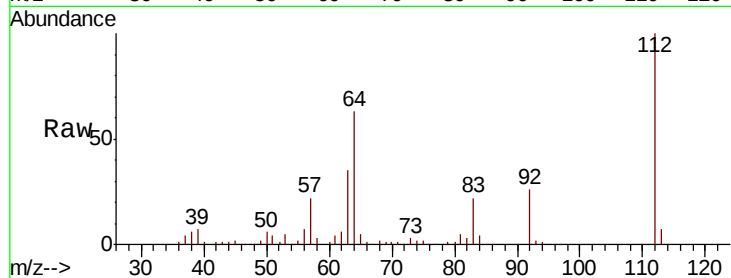
Tot Ion: 112 Resp: 173046

Ion Ratio Lower Upper

112 100

64 62.6 47.0 70.6

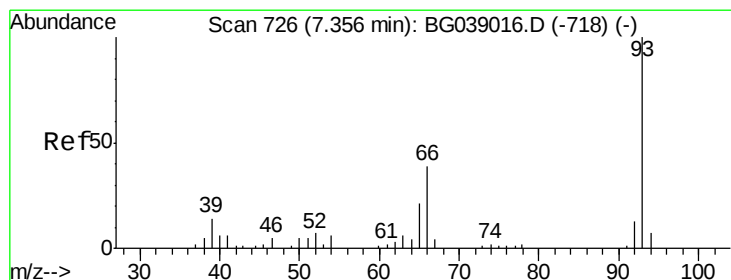
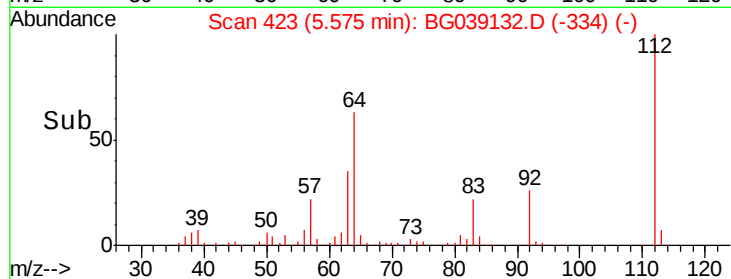
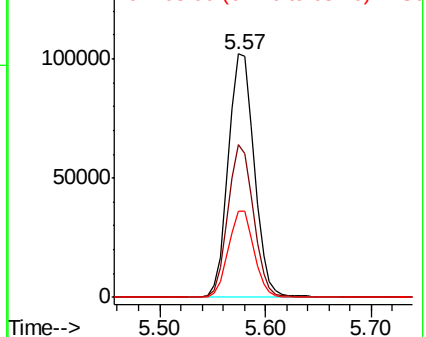
63 35.3 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.711 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

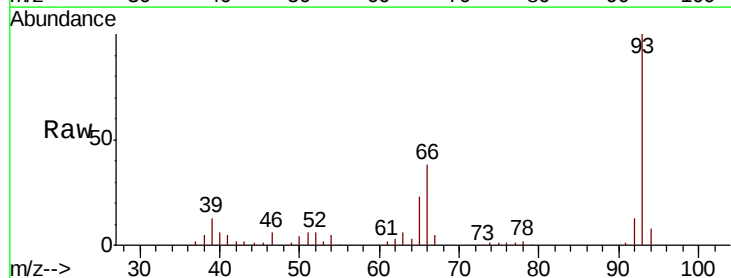
Tgt Ion: 93 Resp: 77142

Ion Ratio Lower Upper

93 100

66 38.2 30.9 46.3

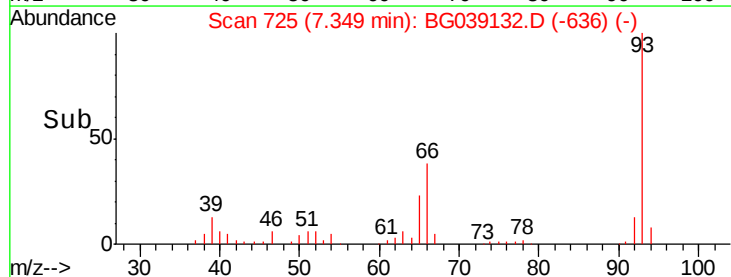
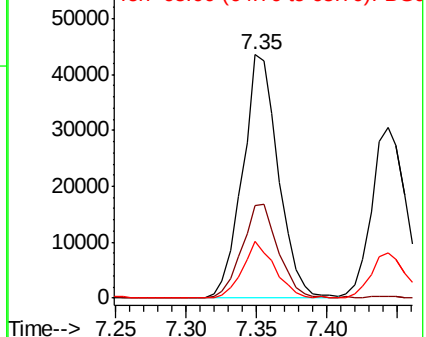
65 23.3 17.0 25.4

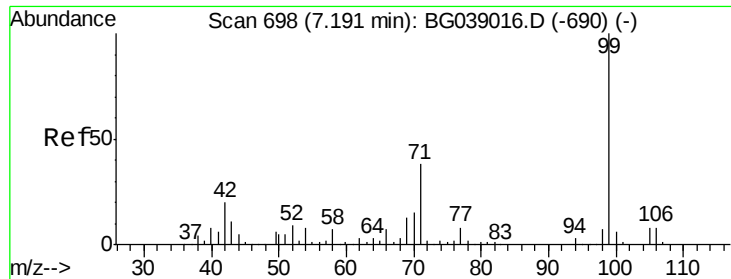


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 203.526 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

ClientSampled :

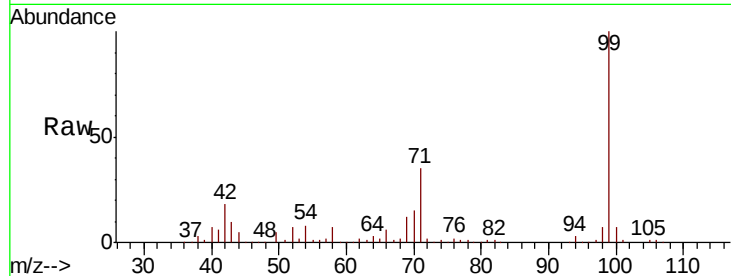
Tot Ion: 99 Resp: 313423

Ion Ratio Lower Upper

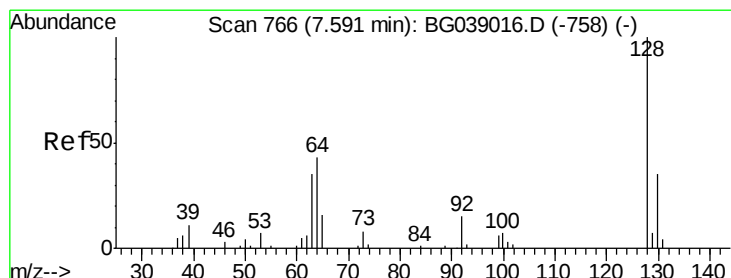
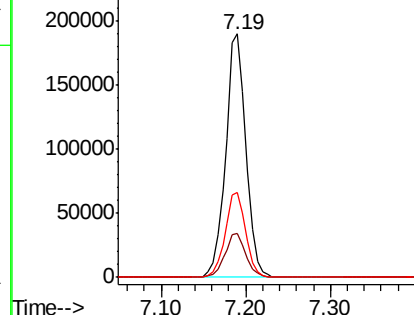
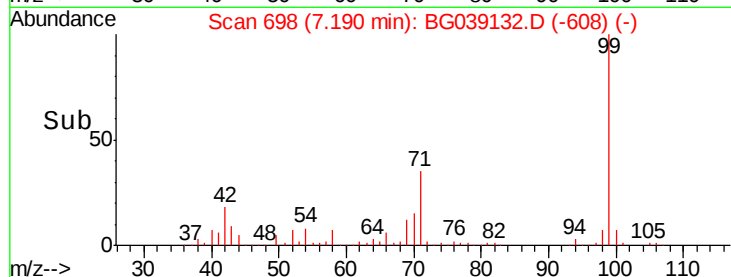
99 100

42 17.8 15.8 23.6

71 34.7 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 47.255 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

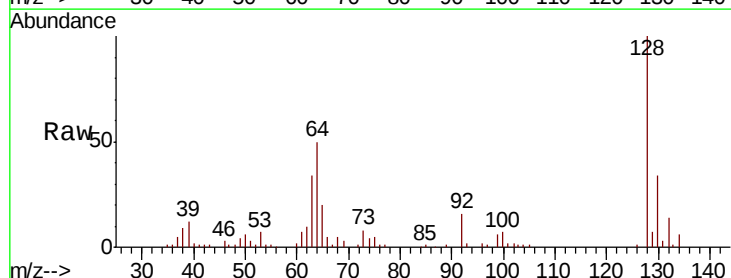
Tgt Ion: 128 Resp: 59607

Ion Ratio Lower Upper

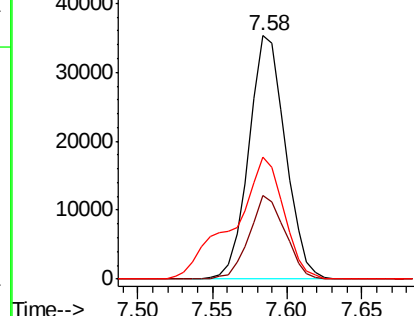
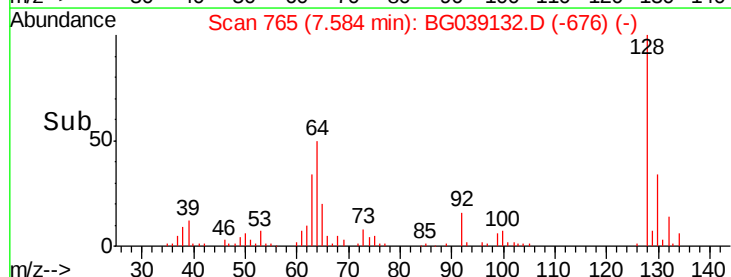
128 100

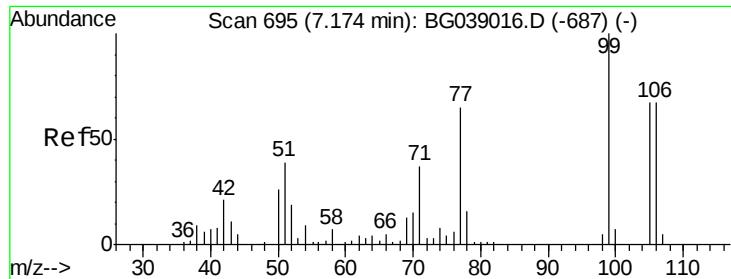
130 34.4 14.5 54.5

64 49.9 27.3 67.3



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC

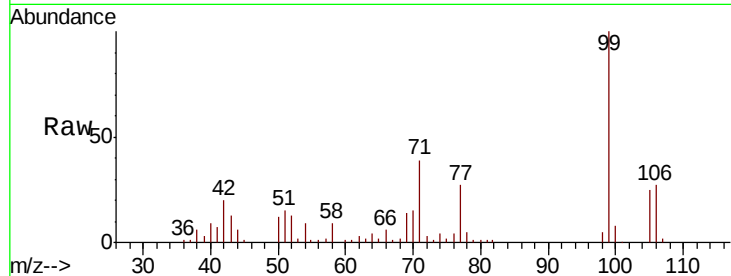




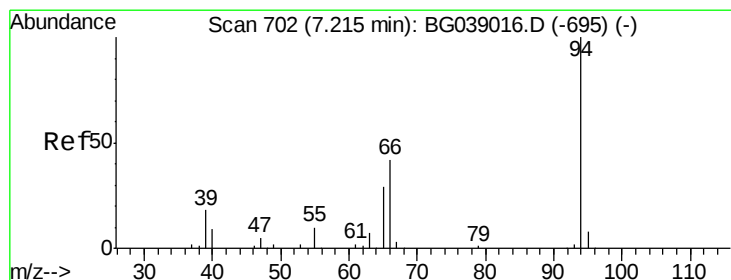
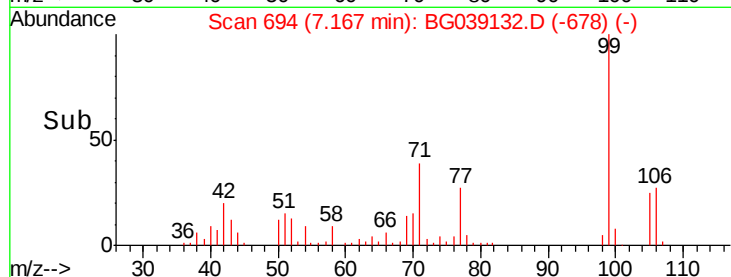
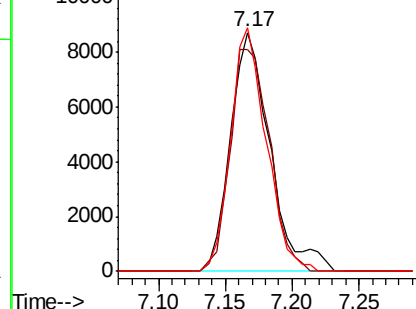
#9
Benzaldehyde
Concen: 20.291 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 18020
Ion Ratio Lower Upper
77 100
105 92.9 82.4 122.4
106 101.9 82.8 122.8

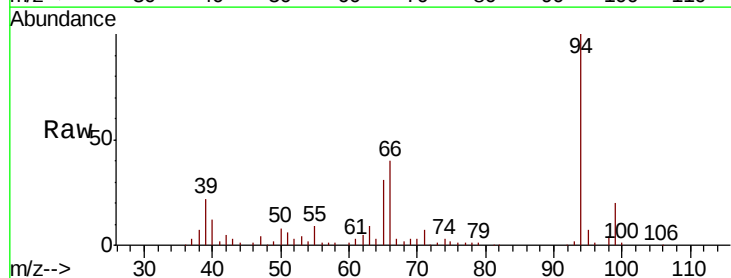


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

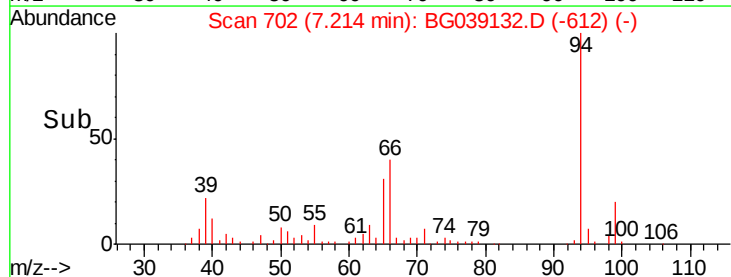
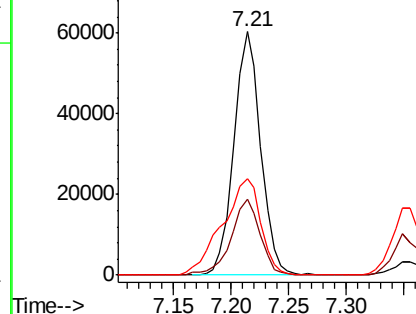


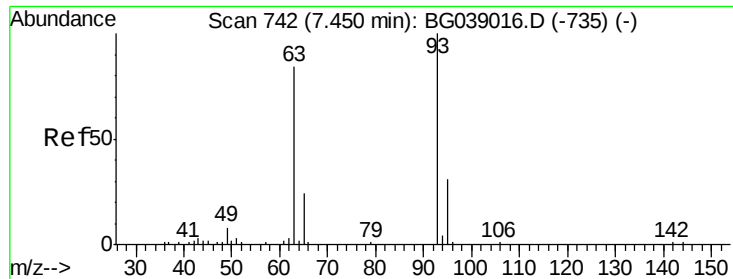
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Phenol
Concen: 62.561 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.00 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion: 94 Resp: 96591
Ion Ratio Lower Upper
94 100
65 31.1 10.3 50.3
66 39.6 25.1 65.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 44.114 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

ClientSampled :

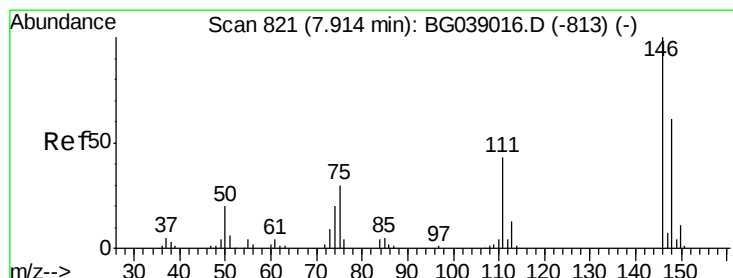
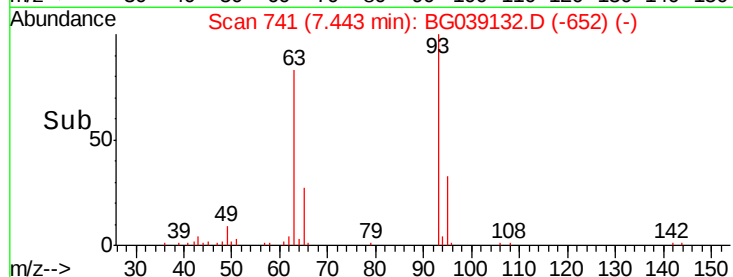
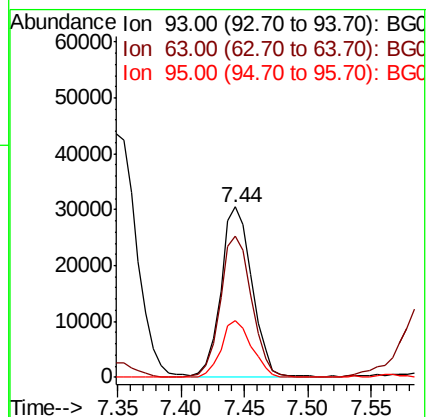
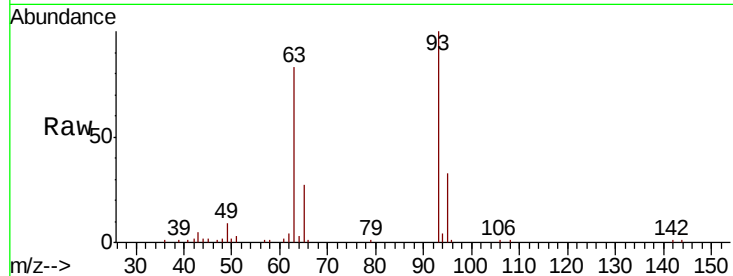
Tot Ion: 93 Resp: 52055

Ion Ratio Lower Upper

93 100

63 83.1 63.2 103.2

95 33.4 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 36.057 ng

RT: 7.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

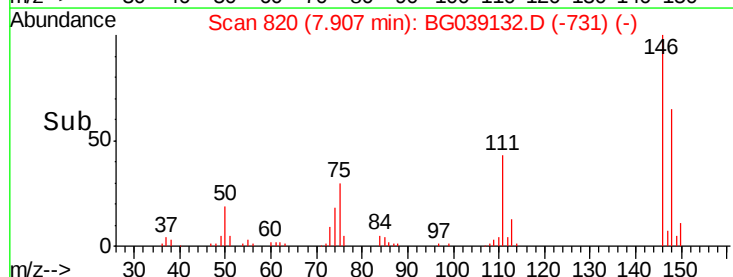
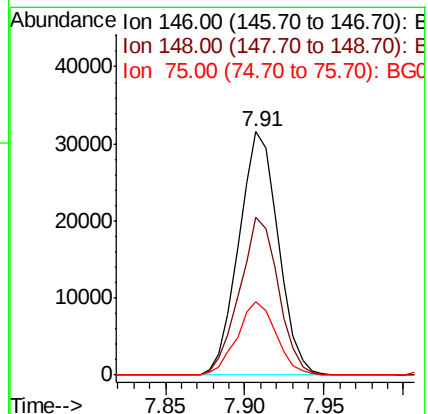
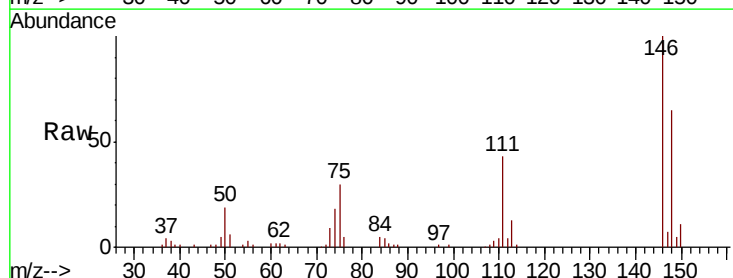
Tgt Ion: 146 Resp: 54493

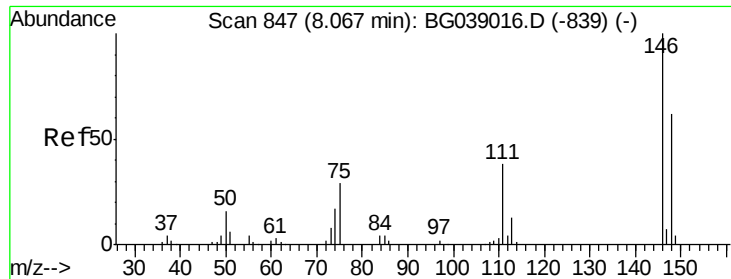
Ion Ratio Lower Upper

146 100

148 64.7 49.1 73.7

75 30.0 23.9 35.9

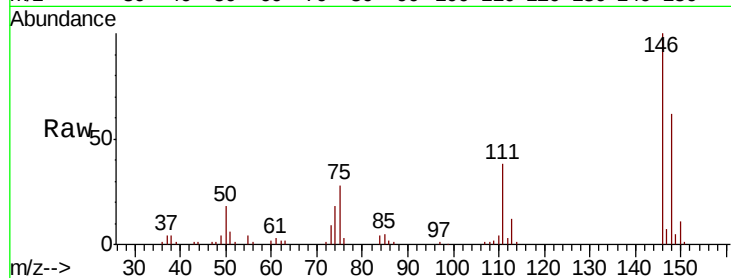




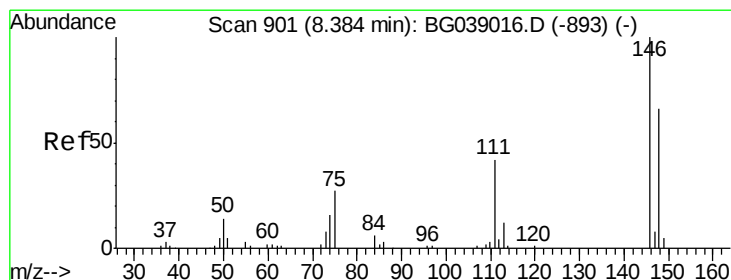
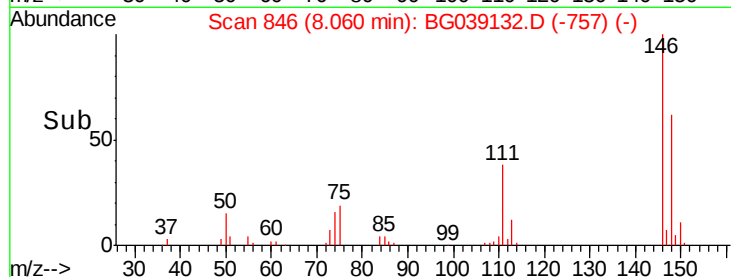
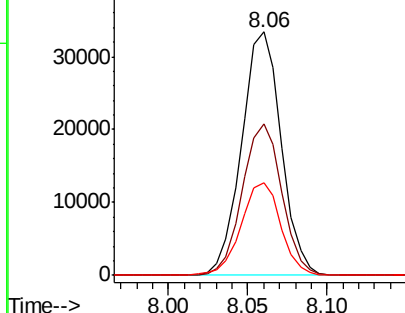
#13
 1,4-Dichlorobenzene
 Concen: 37.869 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 57962
 Ion Ratio Lower Upper
 146 100
 148 62.4 49.8 74.6
 111 37.9 30.6 45.8

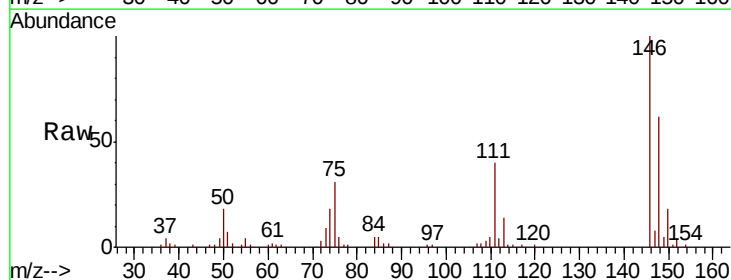


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

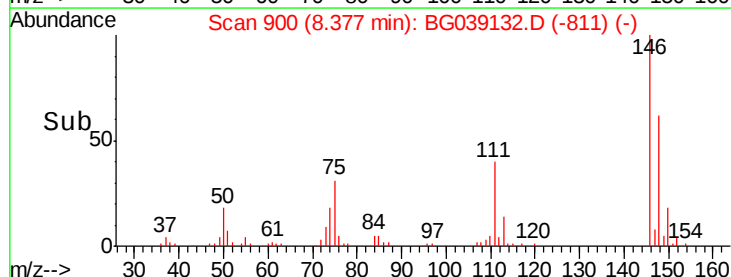
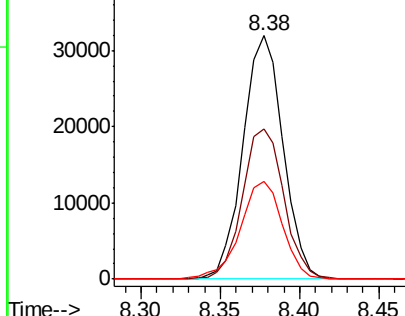


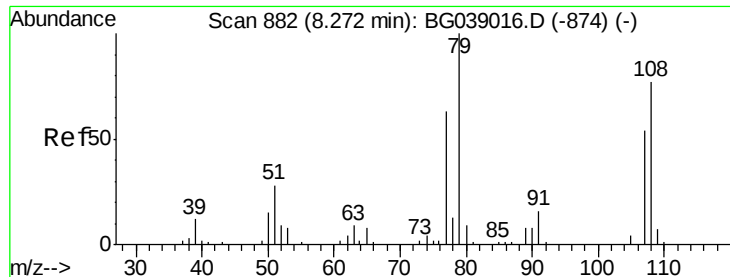
#14
 1,2-Dichlorobenzene
 Concen: 38.484 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Tgt Ion:146 Resp: 56162
 Ion Ratio Lower Upper
 146 100
 148 61.6 52.6 79.0
 111 40.3 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.689 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

ClientSampled :

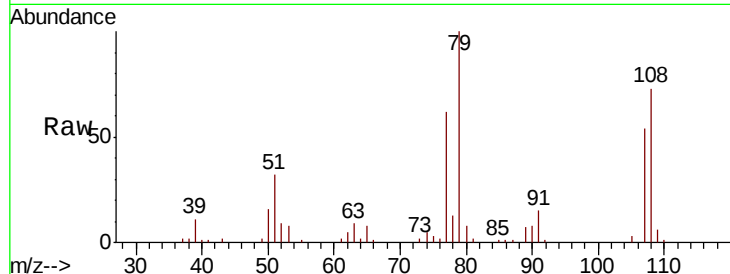
Tot Ion: 79 Resp: 51826

Ion Ratio Lower Upper

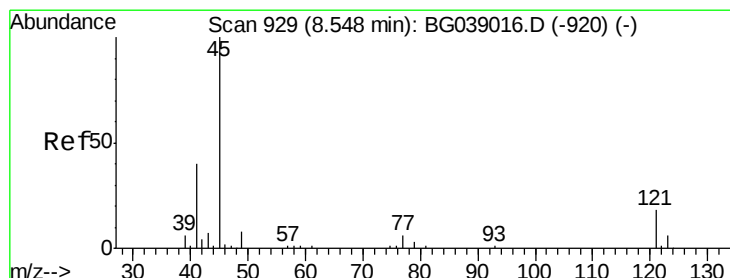
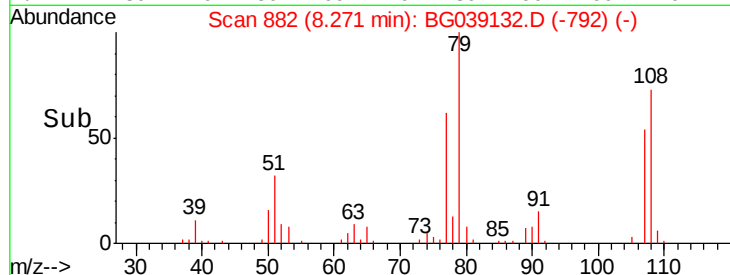
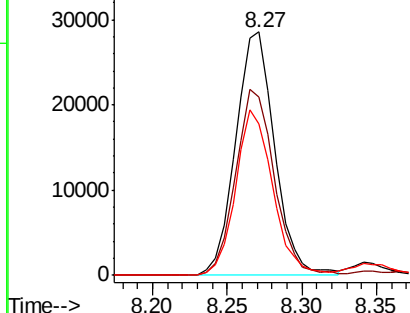
79 100

108 73.4 62.0 93.0

77 62.1 50.1 75.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.108 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

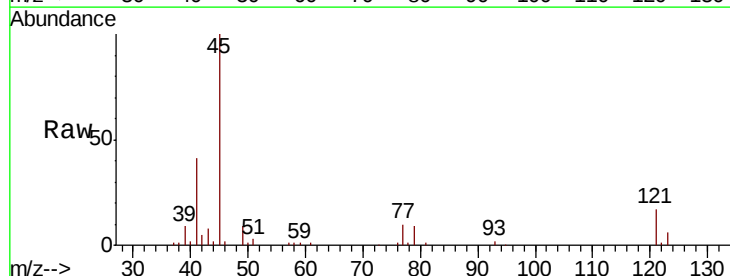
Tgt Ion: 45 Resp: 88490

Ion Ratio Lower Upper

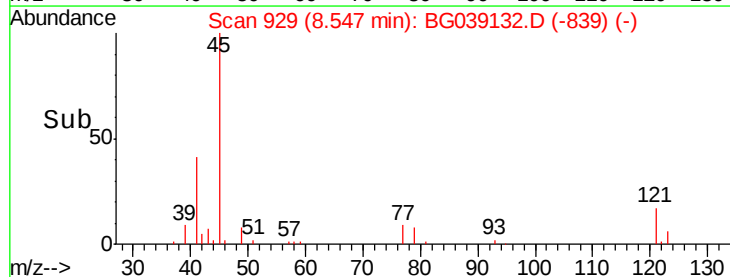
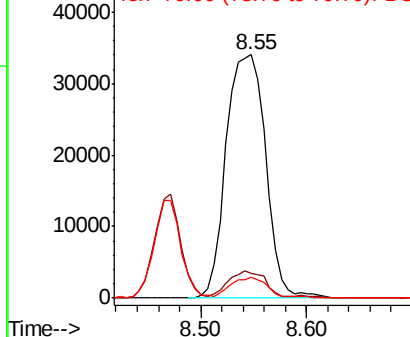
45 100

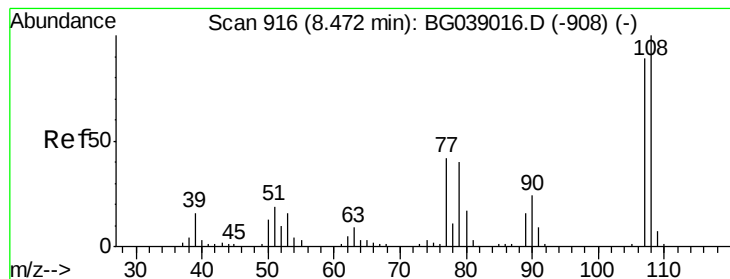
77 10.4 0.0 30.7

79 8.7 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

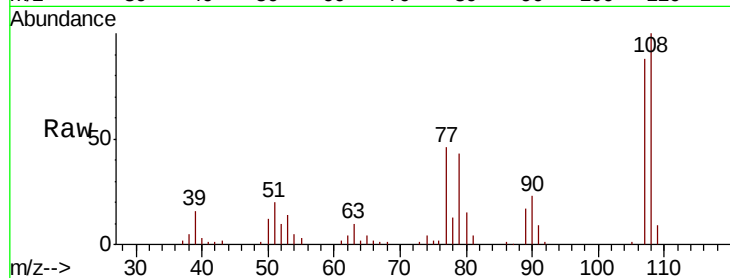




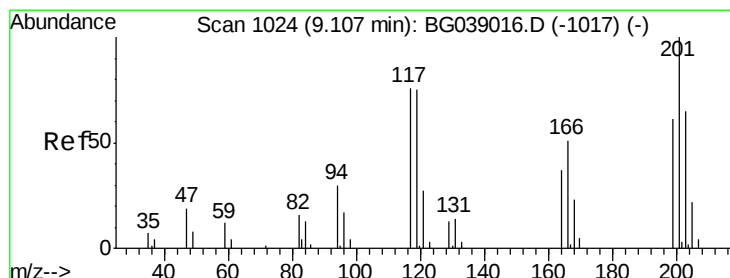
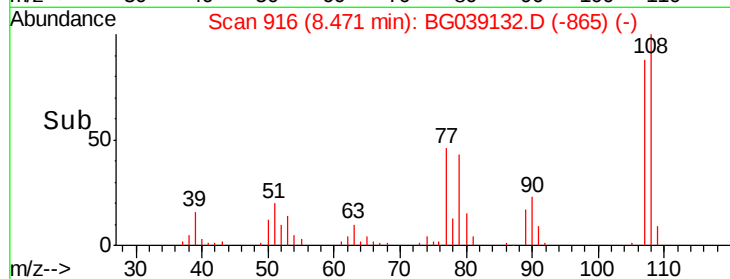
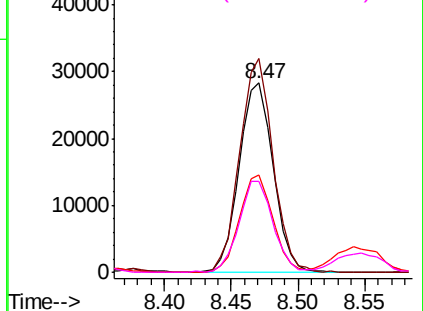
#17
2-Methylphenol
Concen: 46.527 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 49880
Ion Ratio Lower Upper
107 100
108 113.1 90.3 135.5
77 51.6 38.3 57.5
79 48.3 35.8 53.6

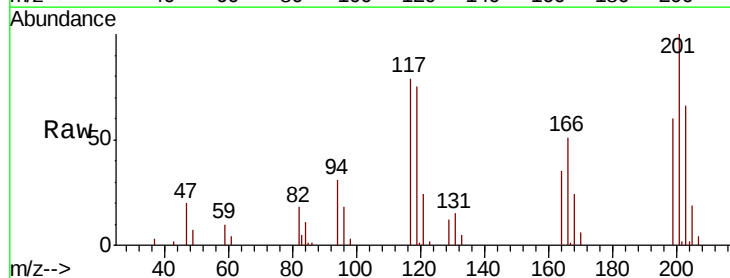


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

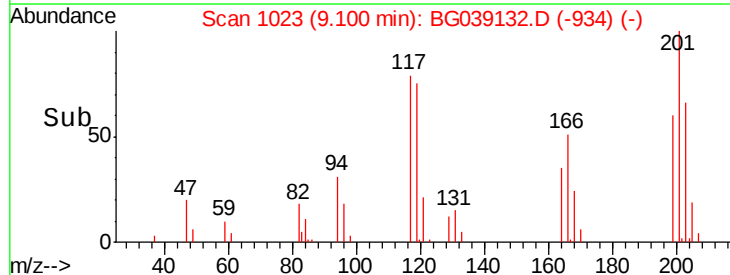
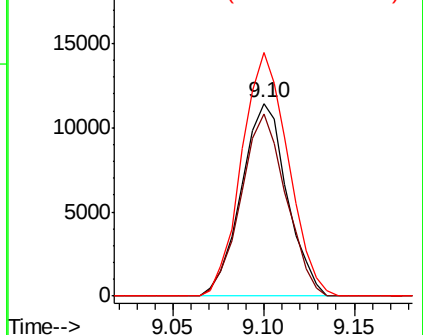


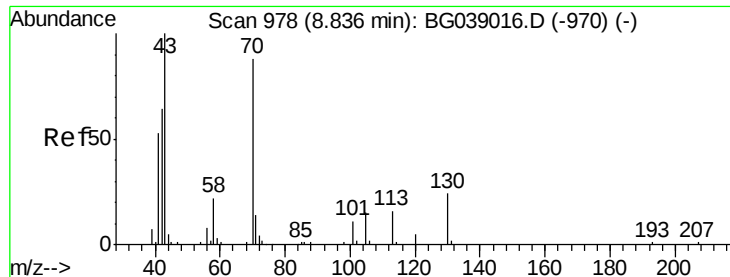
#18
Hexachloroethane
Concen: 38.585 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion:117 Resp: 20064
Ion Ratio Lower Upper
117 100
119 94.8 78.7 118.1
201 128.7 108.1 162.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

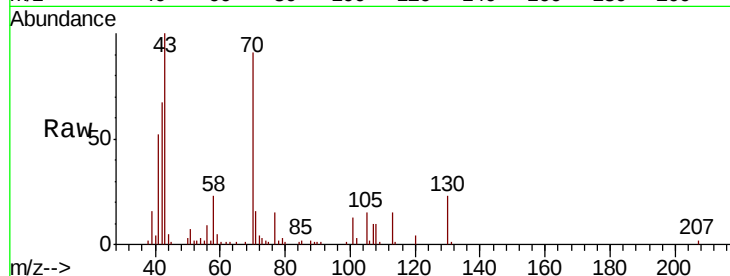




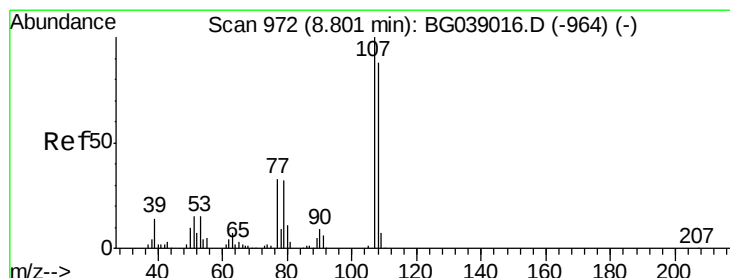
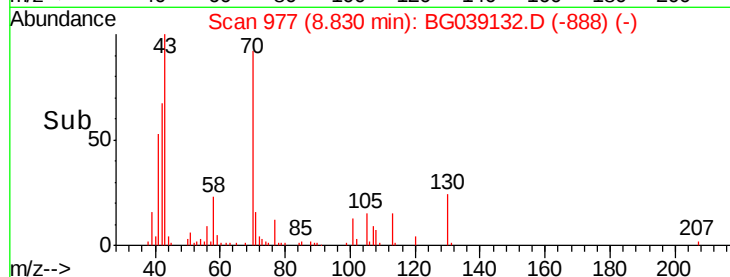
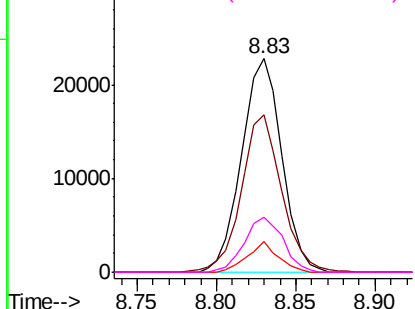
#19
n-Nitroso-di-n-propylamine
Concen: 39.559 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	40004
Ion	Ratio	Lower	Upper
70	100		
42	73.5	59.0	88.4
101	14.4	10.4	15.6
130	25.8	21.6	32.4

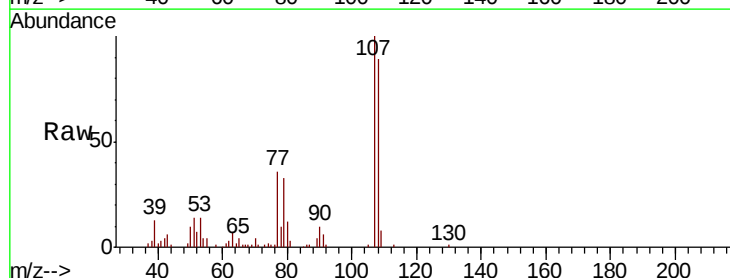


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

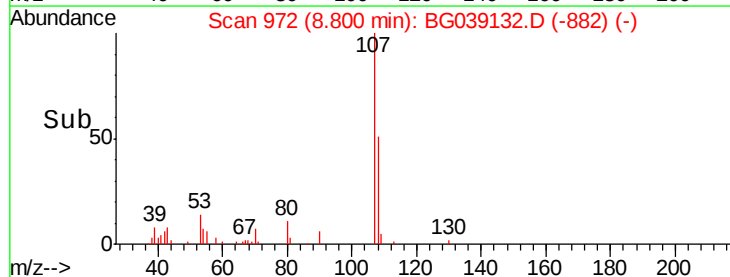
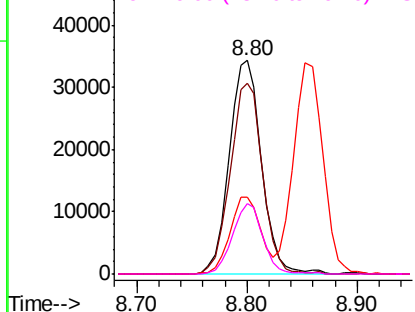


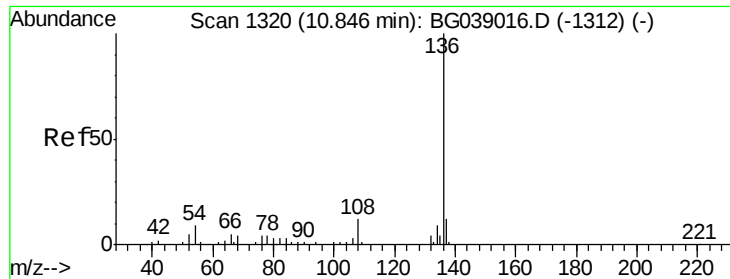
#20
3+4-Methylphenols
Concen: 45.894 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion:	107	Resp:	70149
Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.4	108.4
77	36.2	13.3	53.3
79	32.7	11.6	51.6



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

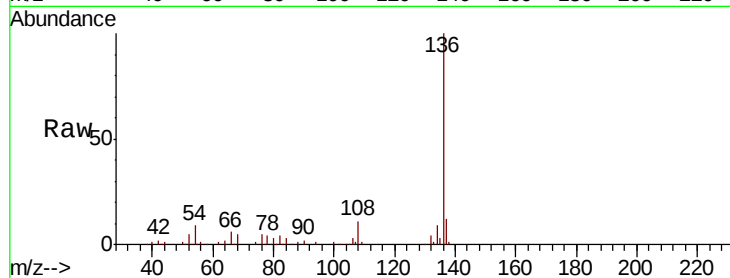




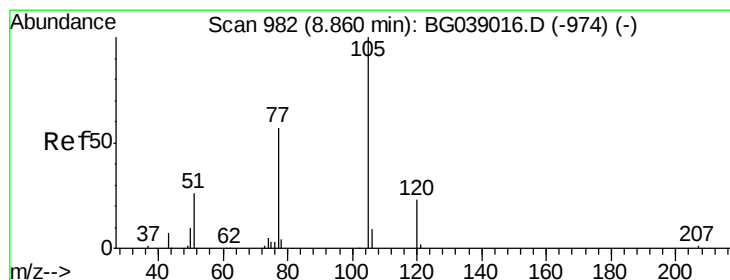
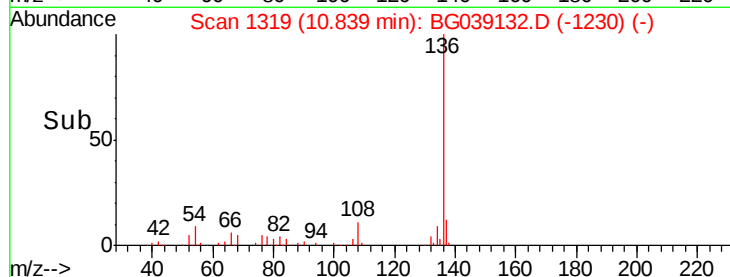
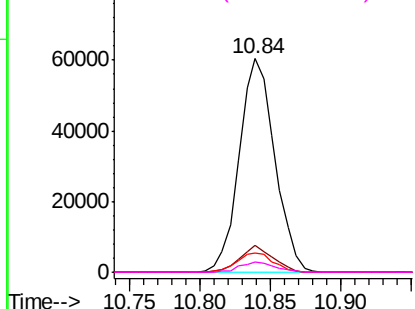
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	106193
Ion	Ratio	Lower Upper
136	100	
137	12.5	9.4 14.2
54	9.5	7.2 10.8
68	4.6	3.5 5.3

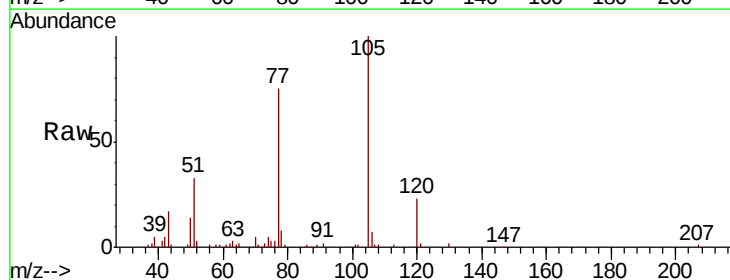


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

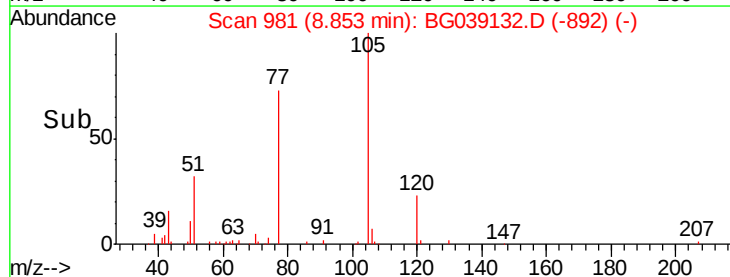
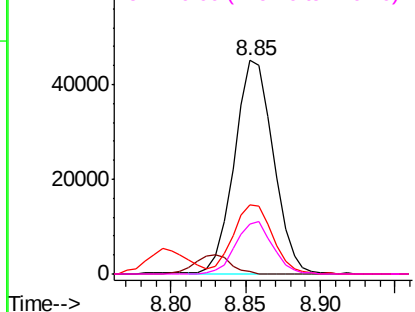


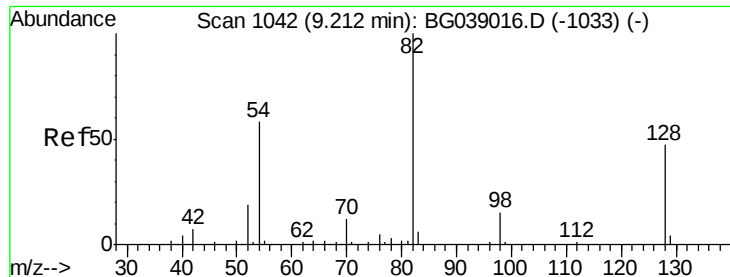
#22
Acetophenone
Concen: 29.516 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion:105	Resp:	81854
Ion	Ratio	Lower Upper
105	100	
71	1.2	0.6 1.0#
51	32.6	26.6 39.8
120	23.4	17.9 26.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

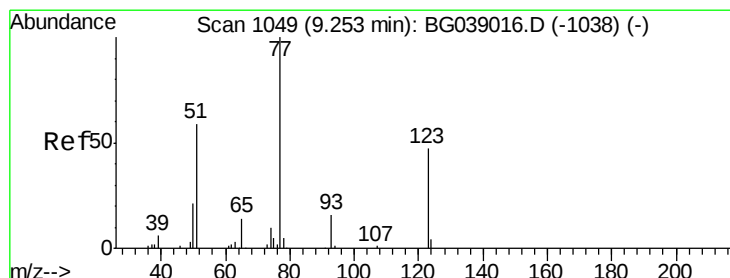
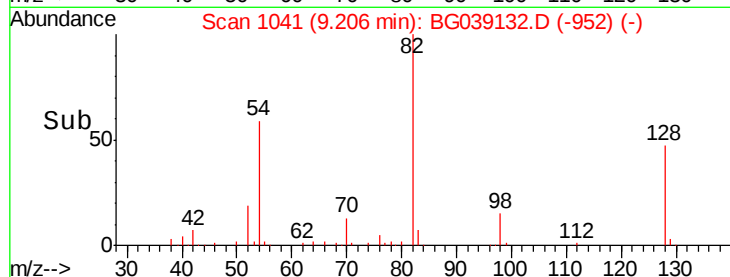
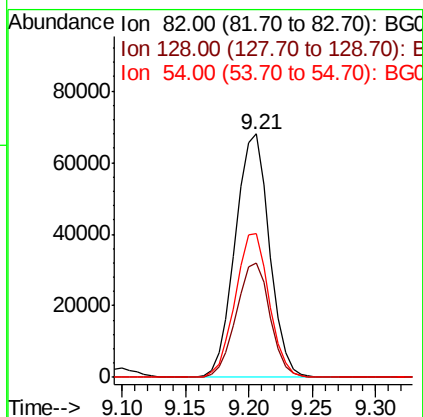
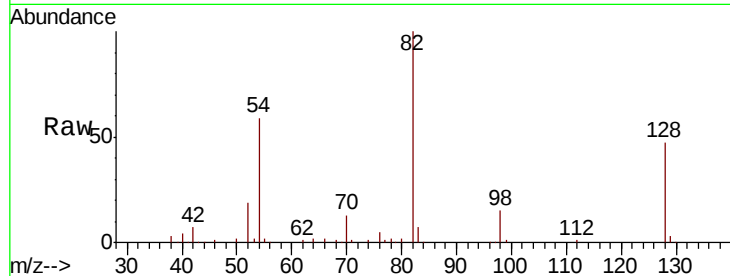




#23
 Nitrobenzene-d5
 Concen: 65.575 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

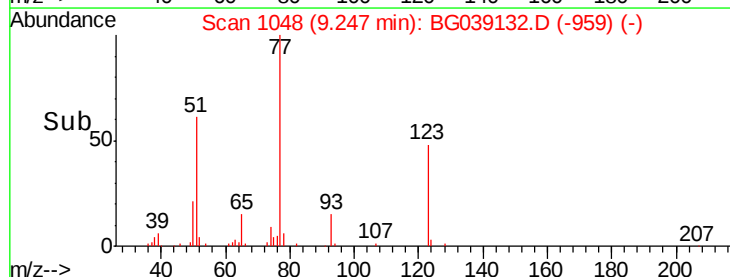
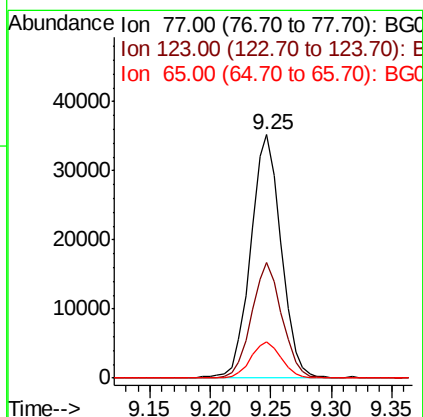
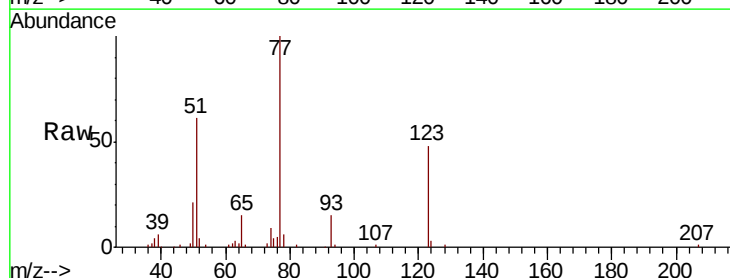
Instrument :
 BNA_G
 ClientSampled :

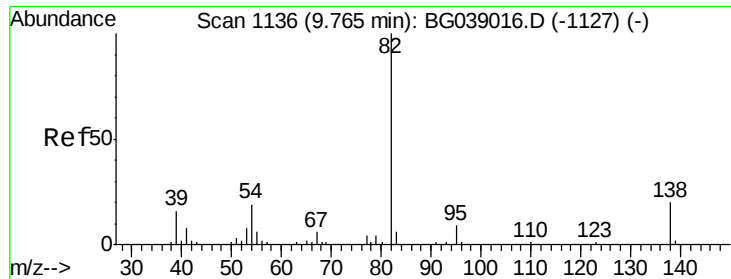
Tot Ion	82	Resp	127261
Ion Ratio	Lower	Upper	
82	100		
128	46.9	37.3	55.9
54	59.2	46.4	69.6



#24
 Nitrobenzene
 Concen: 31.532 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Tgt Ion	77	Resp	61852
Ion Ratio	Lower	Upper	
77	100		
123	47.6	37.6	56.4
65	15.1	11.0	16.6





#25

Isophorone

Concen: 43.581 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

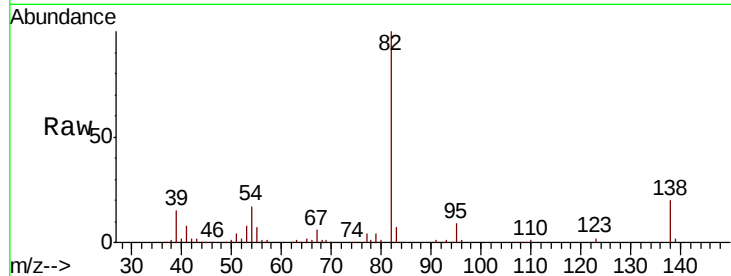
Tot Ion: 82 Resp: 145687

Ion Ratio Lower Upper

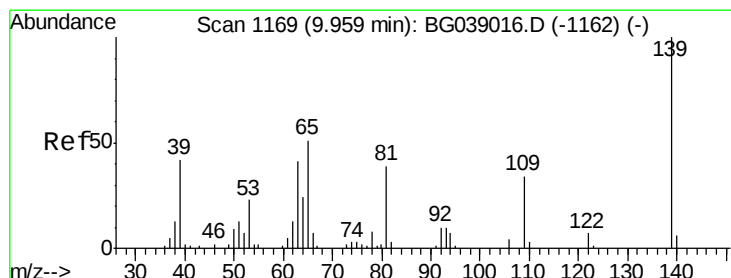
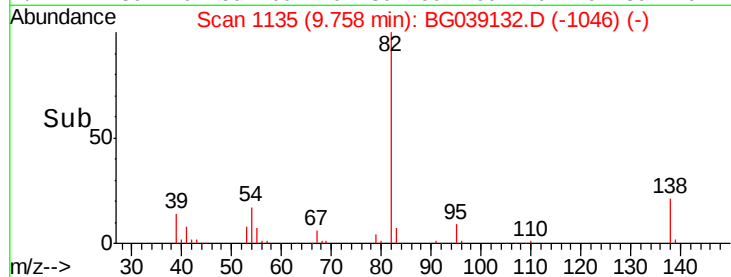
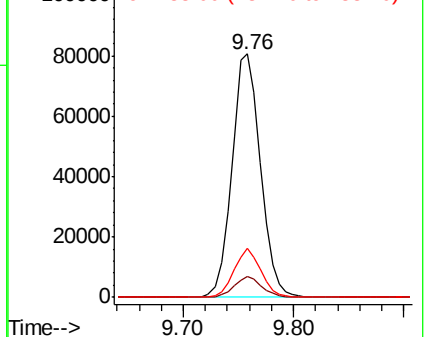
82 100

95 8.6 7.0 10.6

138 19.9 16.2 24.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 37.577 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

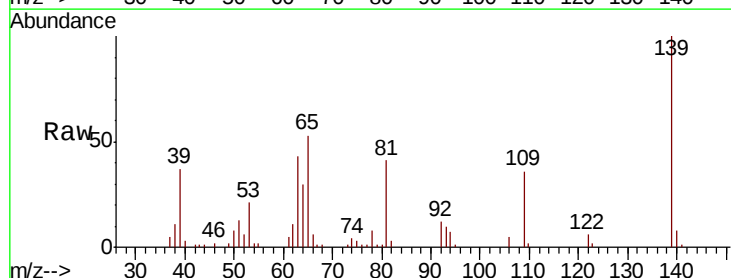
Tgt Ion: 139 Resp: 39870

Ion Ratio Lower Upper

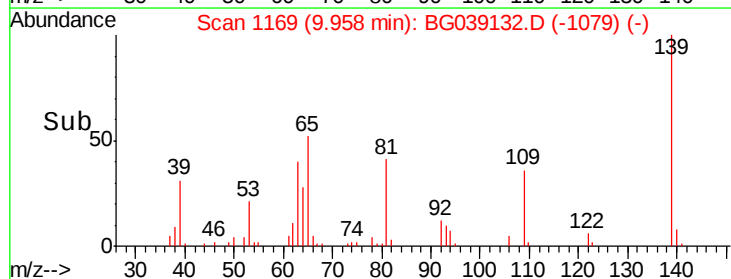
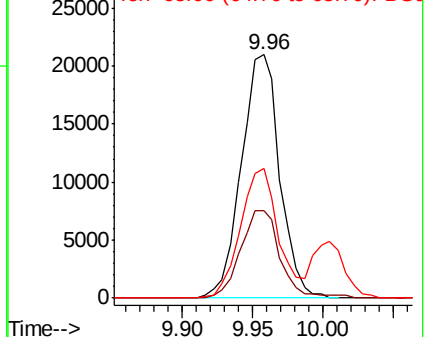
139 100

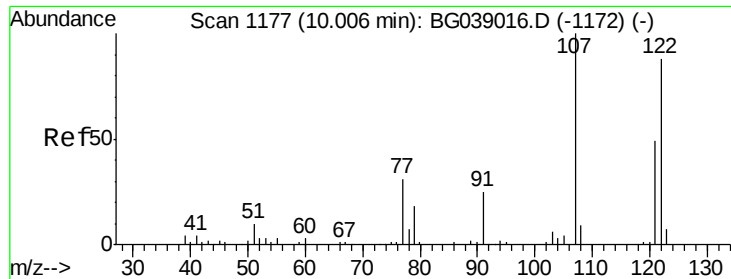
109 35.7 27.3 40.9

65 53.2 40.6 61.0



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

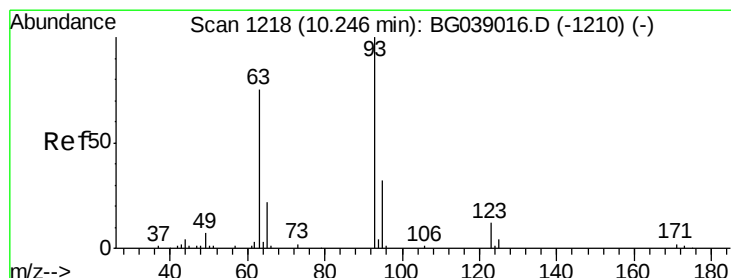
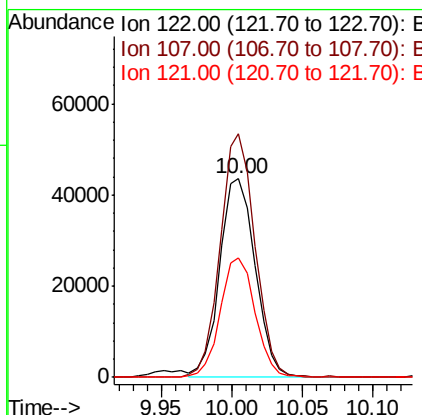
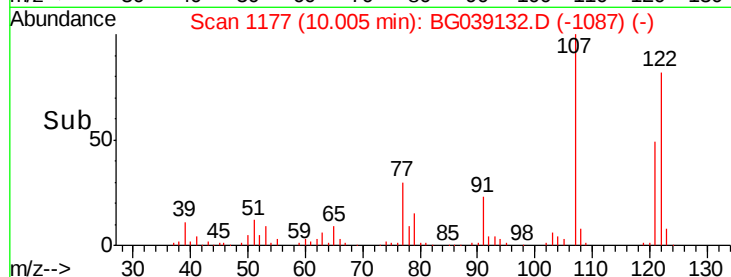
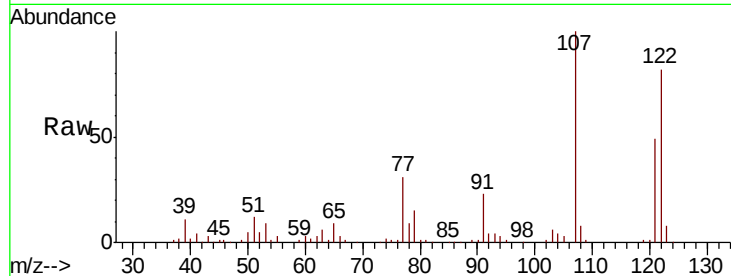




#27
 2,4-Dimethylphenol
 Concen: 51.177 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

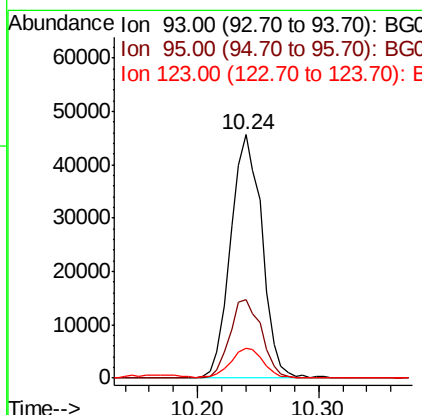
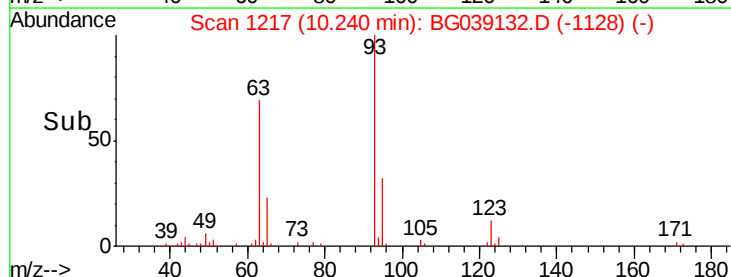
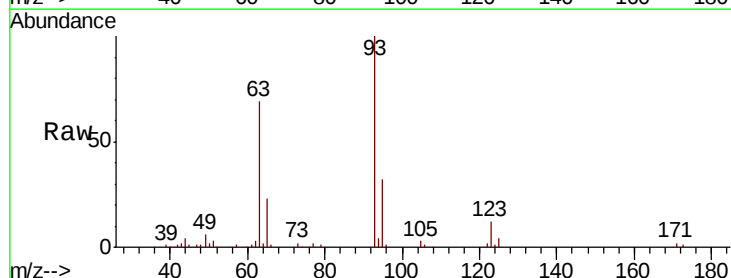
Instrument :
 BNA_G
 ClientSampleId :

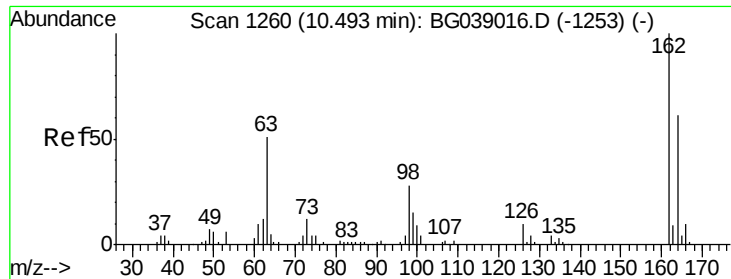
Tot Ion:122 Resp: 76393
 Ion Ratio Lower Upper
 122 100
 107 122.6 88.8 133.2
 121 60.0 43.1 64.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.091 ng
 RT: 10.24 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Tgt Ion: 93 Resp: 82556
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.6 38.4
 123 12.3 10.1 15.1

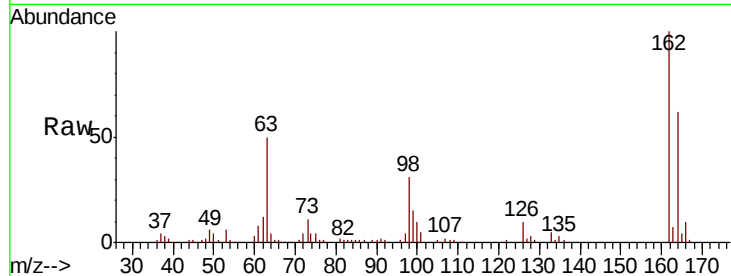




#29
 2,4-Dichlorophenol
 Concen: 44.120 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	162	Resp	81817
Ion Ratio	Lower	Upper	
162	100		
164	61.7	41.3	81.3
98	31.3	8.3	48.3

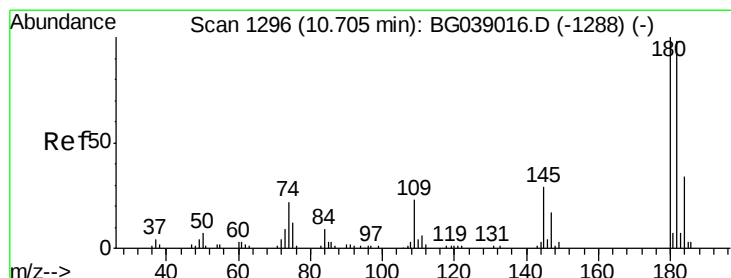
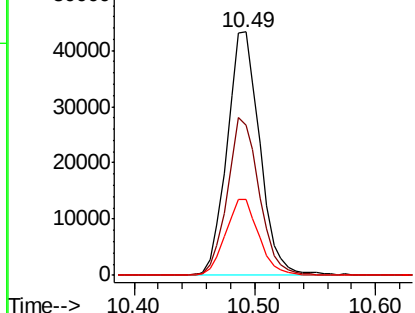
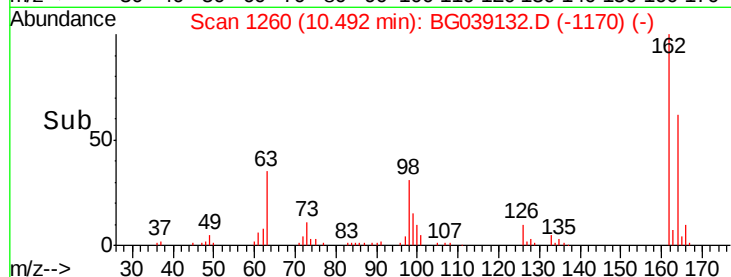


Abundance

Ion 162.00 (161.70 to 162.70): E

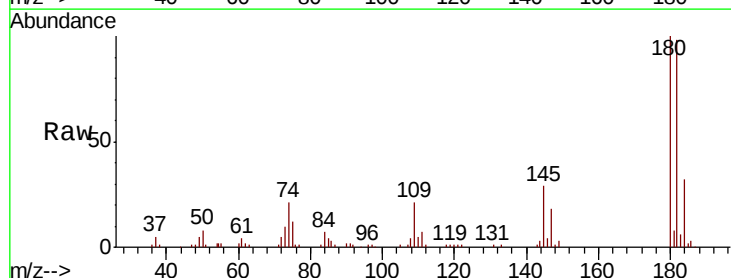
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 32.468 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Tgt Ion	180	Resp	72343
Ion Ratio	Lower	Upper	
180	100		
182	98.2	78.1	117.1
145	29.0	23.1	34.7

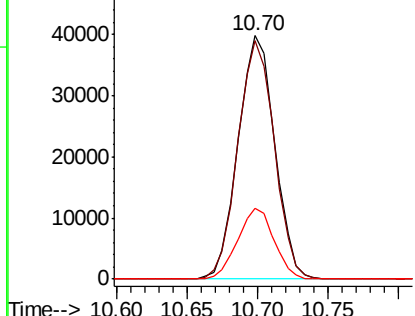
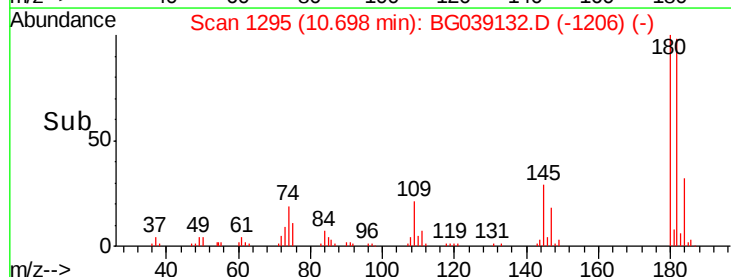


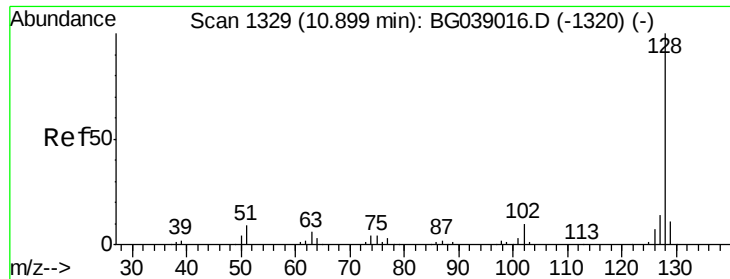
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

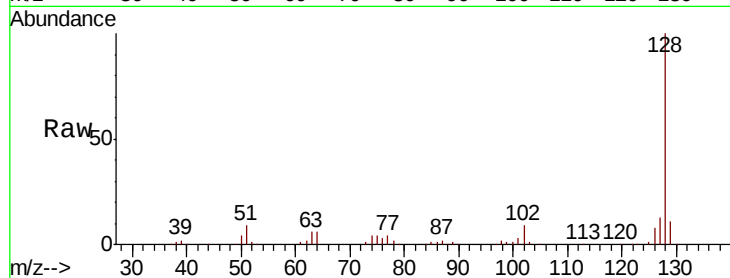




#31
Naphthalene
Concen: 40.247 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.1	13.7
127	13.3	11.2	16.8

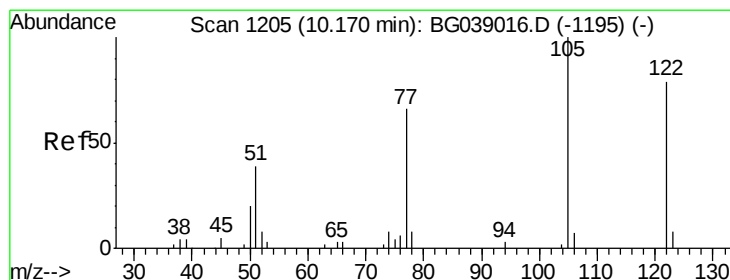
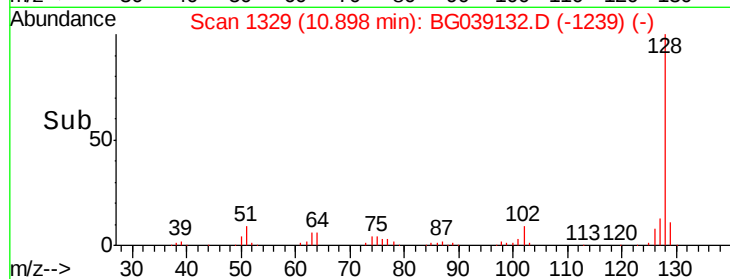
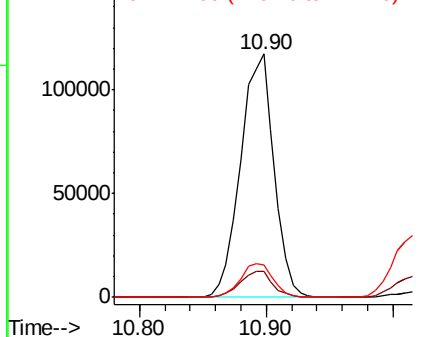


Abundance

Ion 128.00 (127.70 to 128.70): E

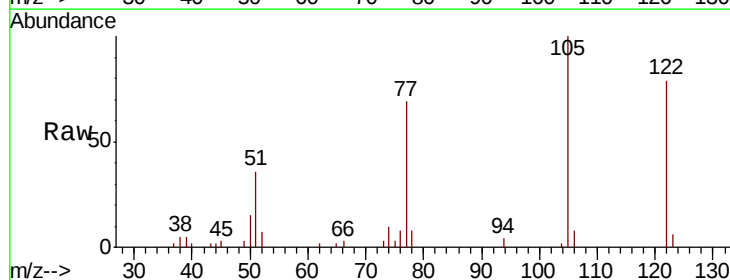
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 32.015 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.1	106.4	146.4
77	86.8	63.6	103.6

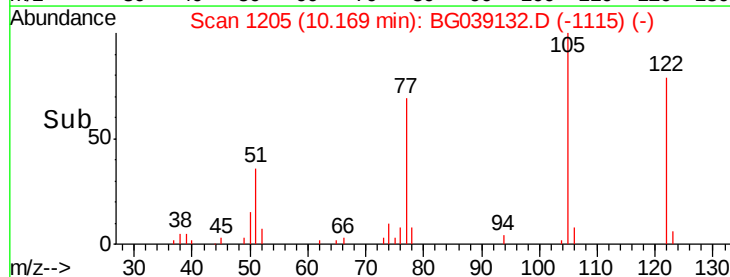
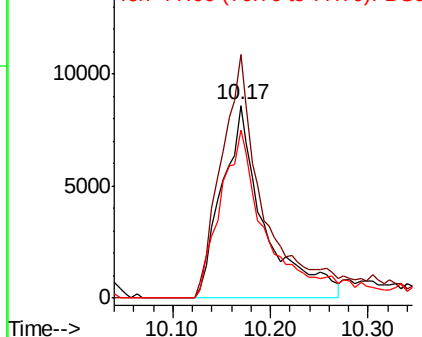


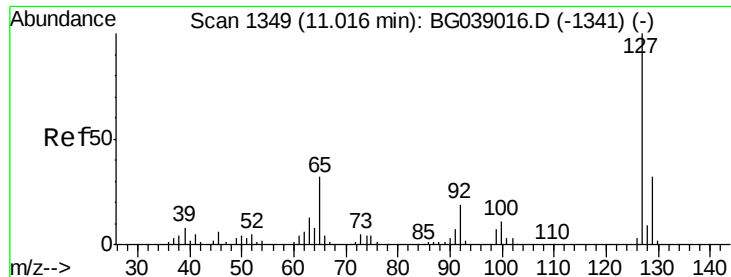
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

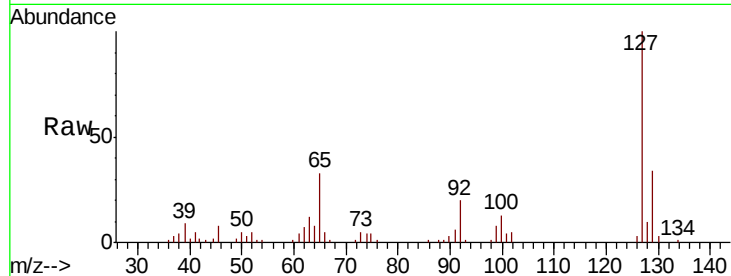




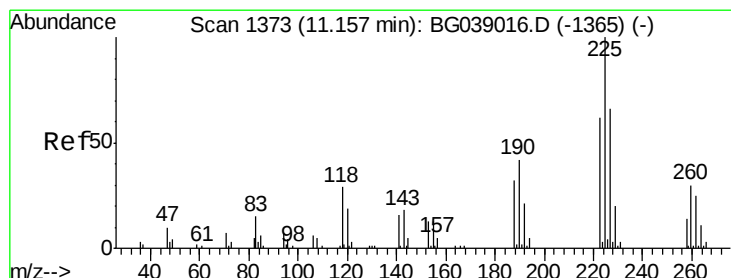
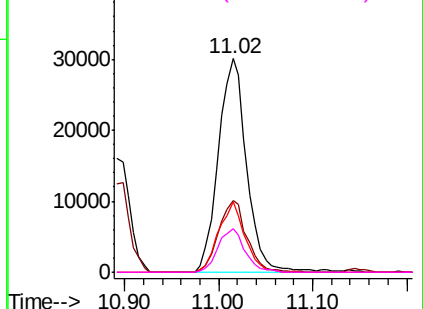
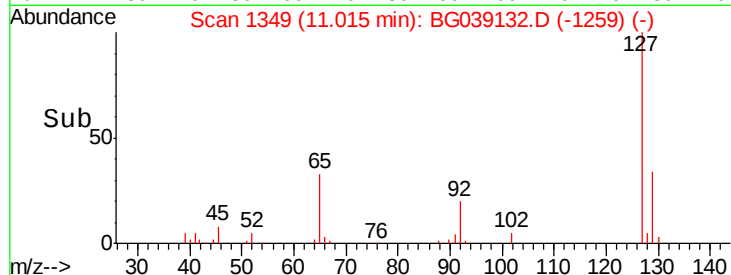
#33
4-Chloroaniline
Concen: 26.533 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 63233
Ion Ratio Lower Upper
127 100
129 33.5 25.4 38.0
65 32.7 25.4 38.0
92 20.1 15.2 22.8

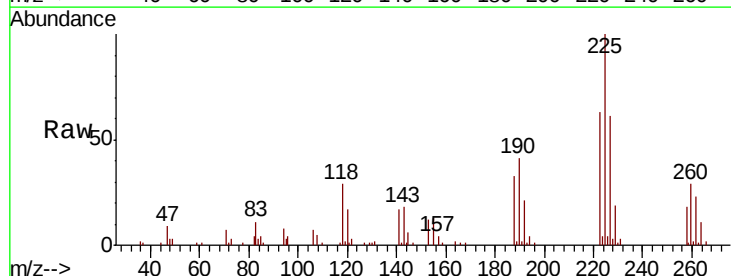


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

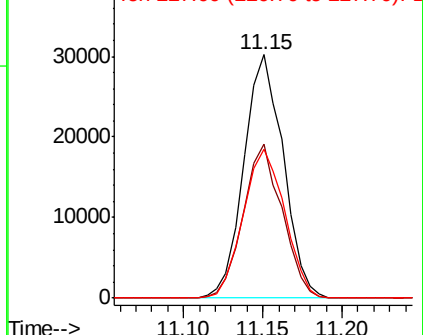
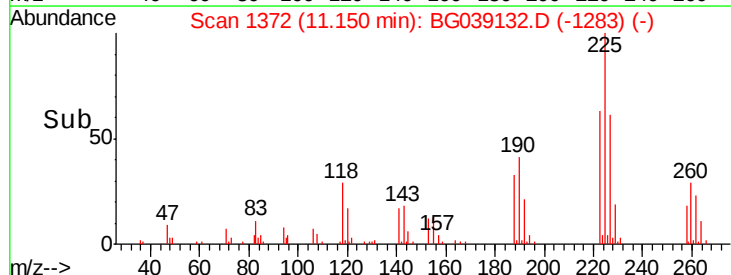


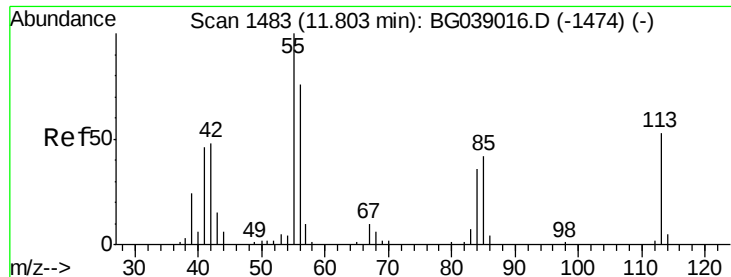
#34
Hexachlorobutadiene
Concen: 34.082 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion:225 Resp: 52253
Ion Ratio Lower Upper
225 100
223 63.5 50.2 75.4
227 64.4 53.2 79.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

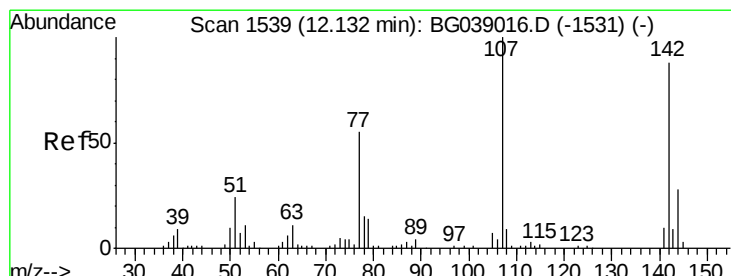
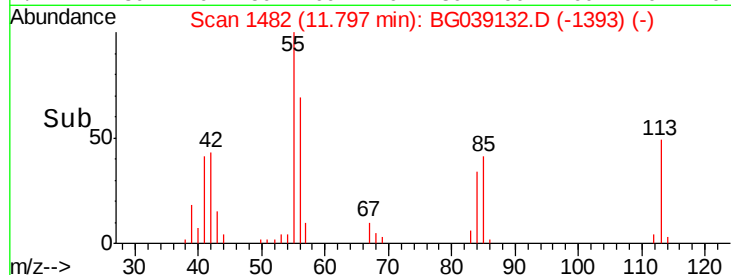
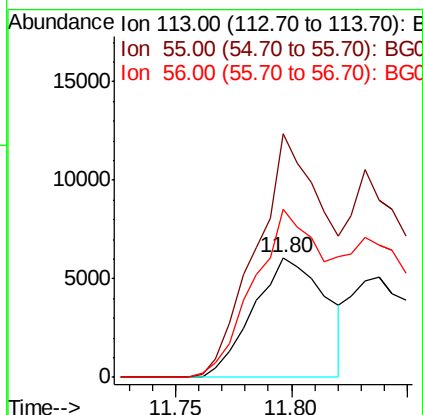
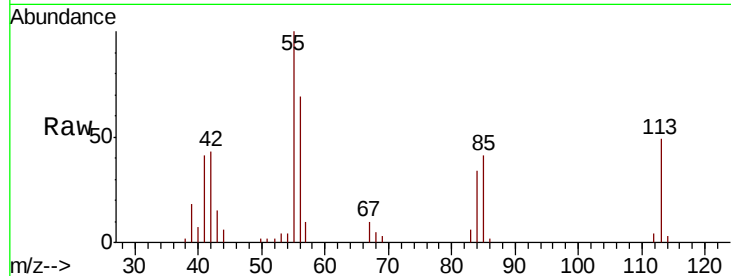




#35
Caprolactam
Concen: 17.790 ng
RT: 11.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

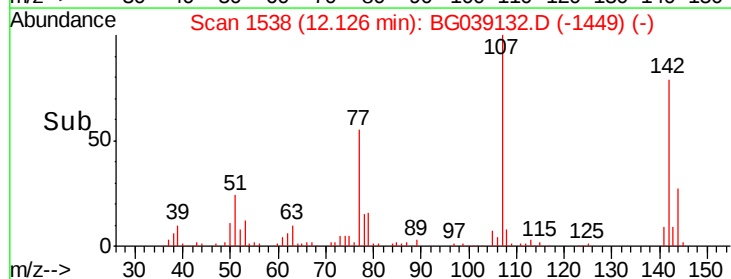
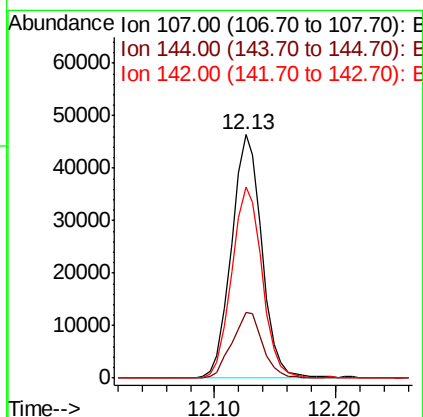
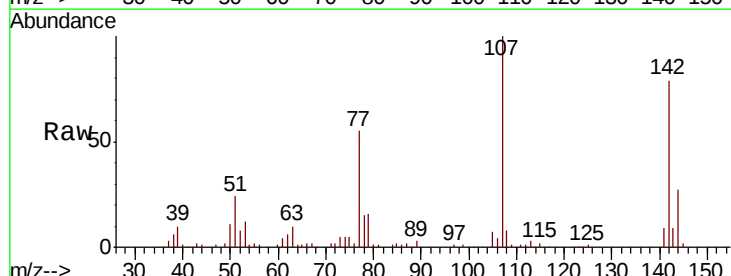
Instrument :
BNA_G
ClientSampleId :

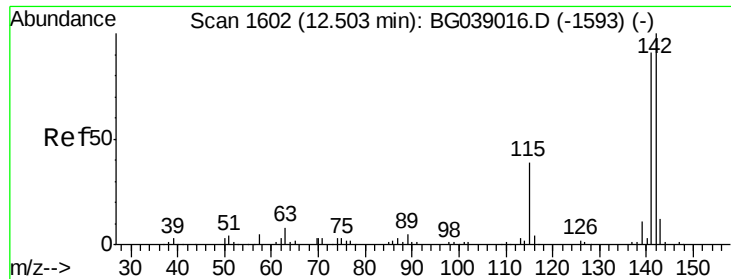
Tot Ion:113 Resp: 13229
Ion Ratio Lower Upper
113 100
55 203.1 168.6 208.6
56 139.7 123.2 163.2



#36
4-Chloro-3-methylphenol
Concen: 40.918 ng
RT: 12.13 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion:107 Resp: 81158
Ion Ratio Lower Upper
107 100
144 26.8 22.6 34.0
142 78.5 70.2 105.4

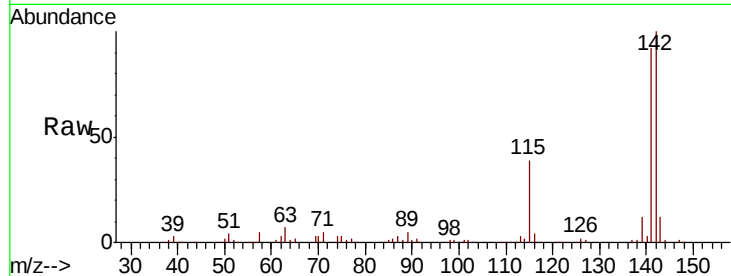




#37
2-Methylnaphthalene
Concen: 47.874 ng
RT: 12.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.6	109.0
115	39.1	31.1	46.7

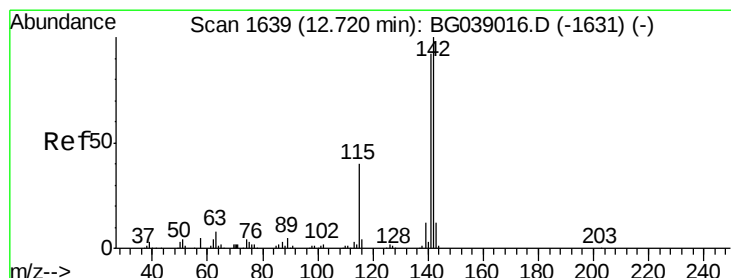
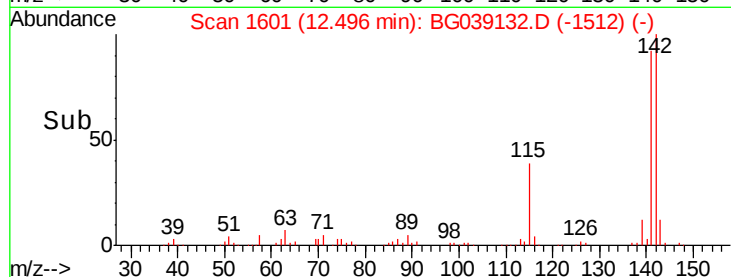
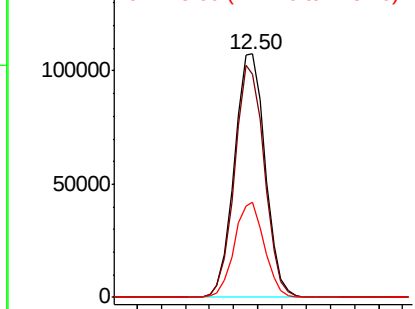


Abundance

Ion 142.00 (141.70 to 142.70): E

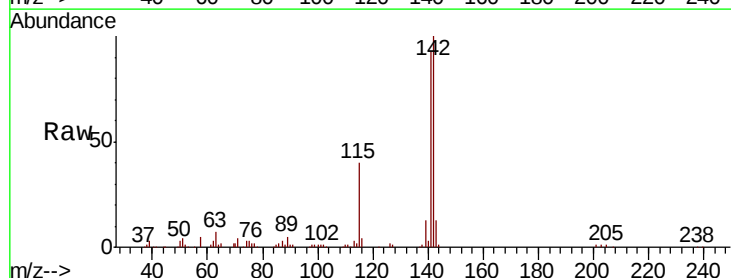
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.890 ng
RT: 12.71 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.3	109.9
116	4.1	3.1	4.7

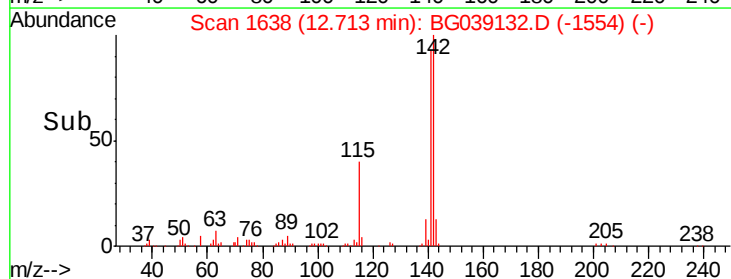
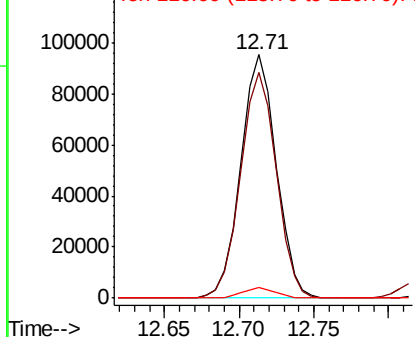


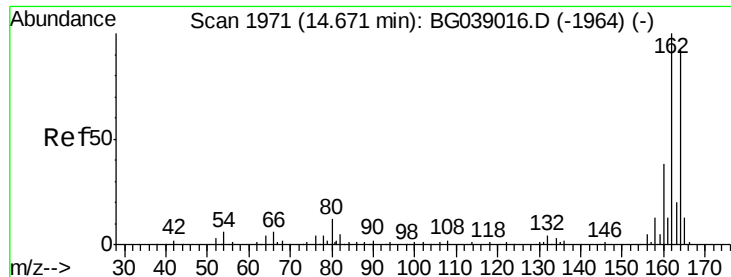
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

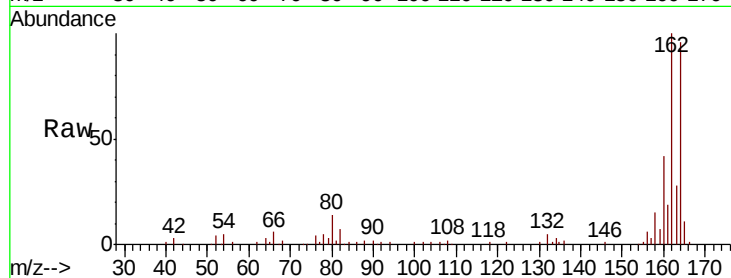
Tot Ion:164 Resp: 68687

Ion Ratio Lower Upper

164 100

162 104.3 87.2 130.8

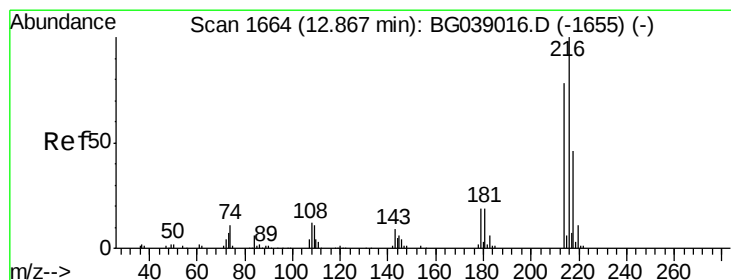
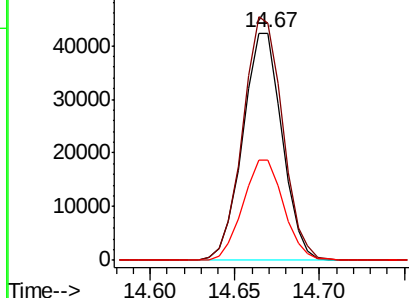
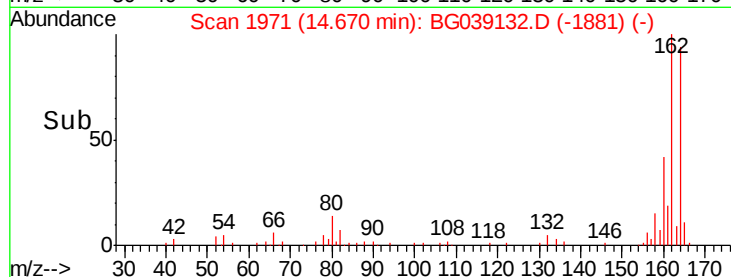
160 44.3 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.813 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Tgt Ion:216 Resp: 105280

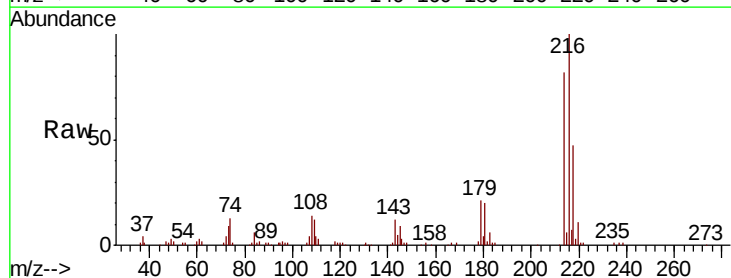
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.2

179 20.1 15.5 23.3

108 15.7 11.4 17.2

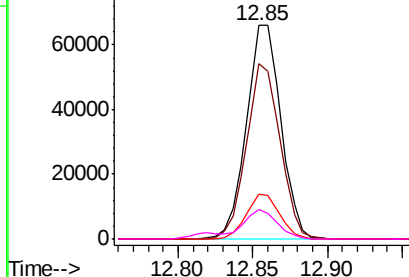
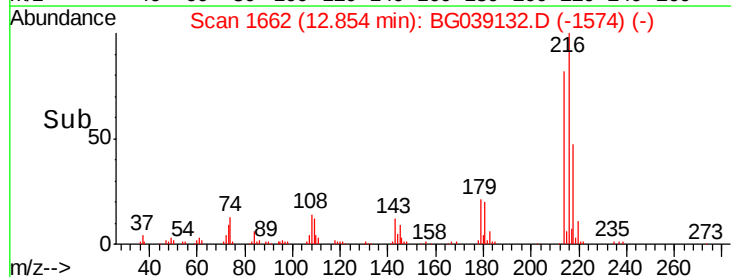


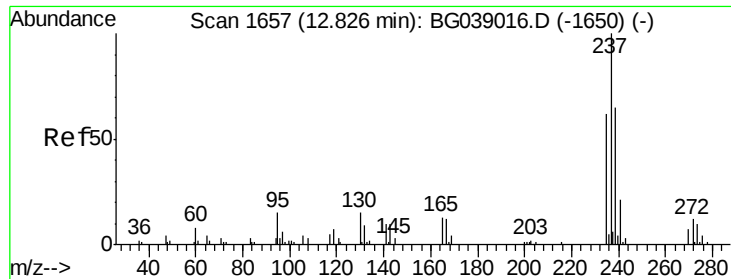
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 80.817 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

ClientSampled :

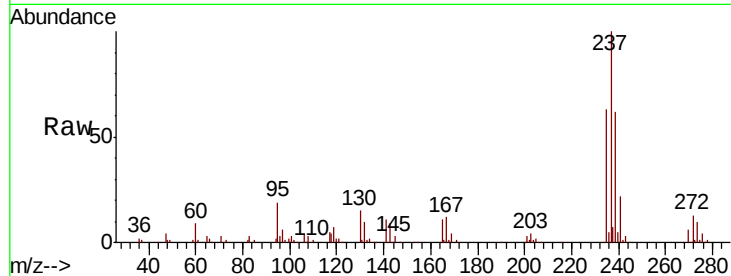
Tot Ion:237 Resp: 117506

Ion Ratio Lower Upper

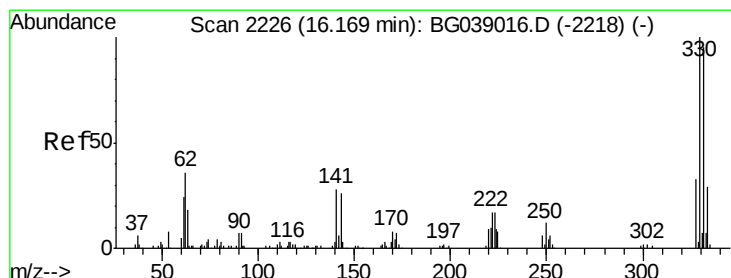
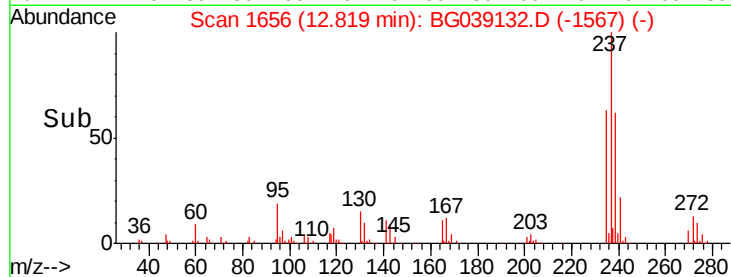
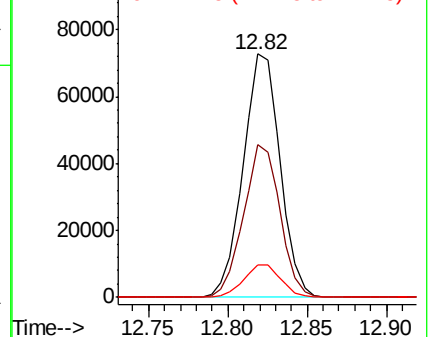
237 100

235 62.9 41.7 81.7

272 13.2 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 148.993 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

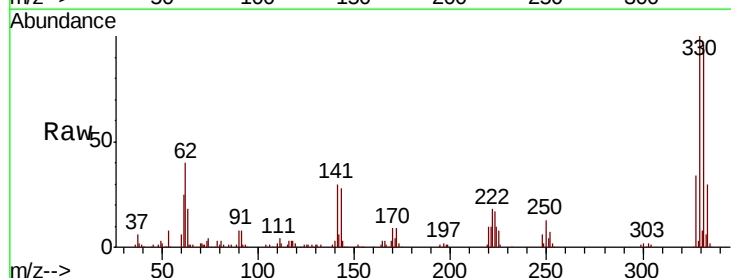
Tgt Ion:330 Resp: 171548

Ion Ratio Lower Upper

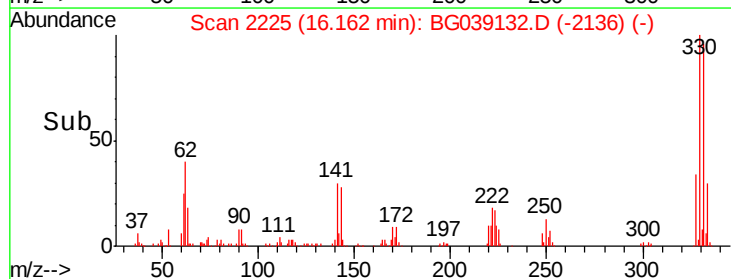
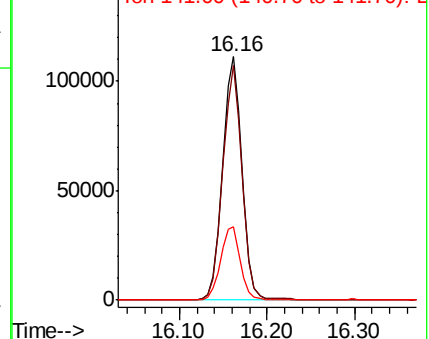
330 100

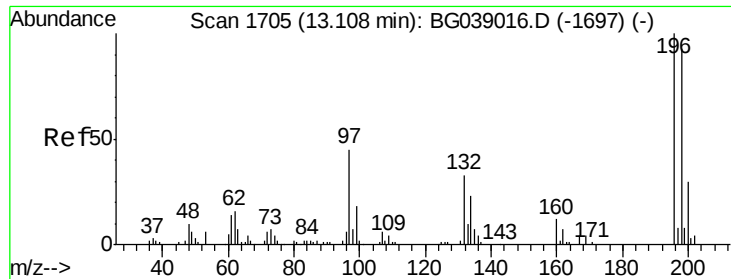
332 95.3 75.7 113.5

141 30.4 24.9 37.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

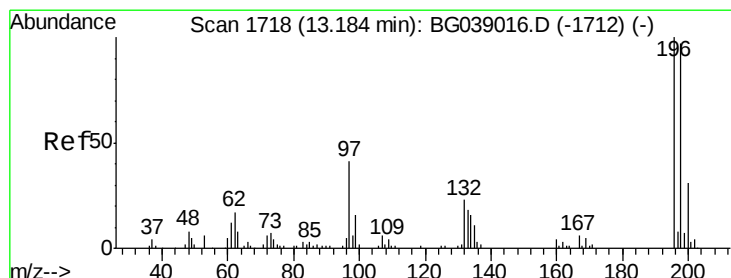
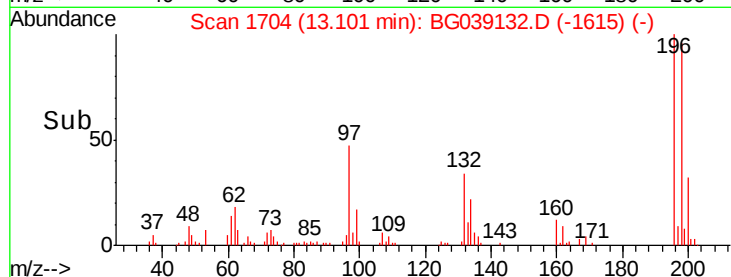
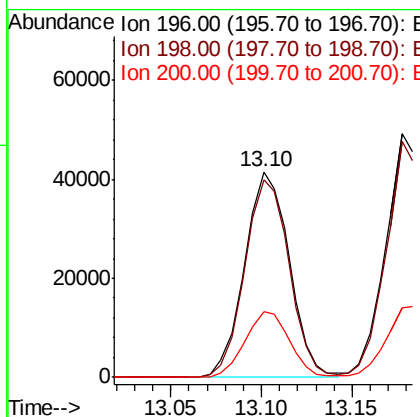
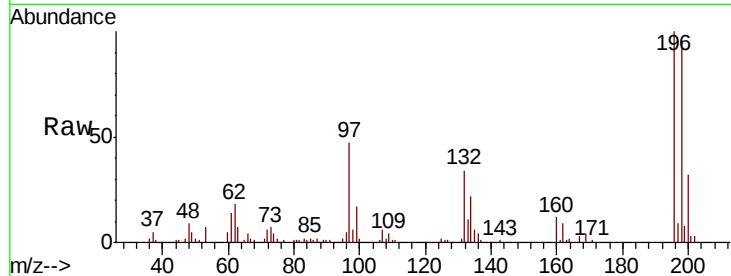




#43
 2,4,6-Trichlorophenol
 Concen: 43.764 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

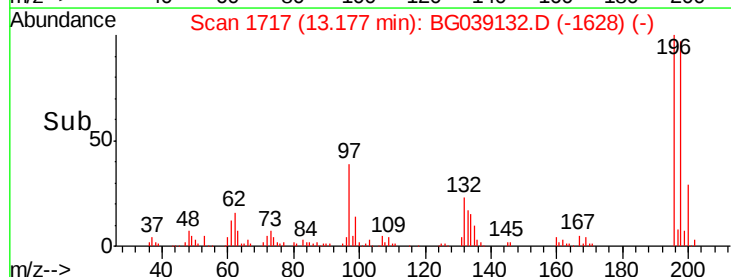
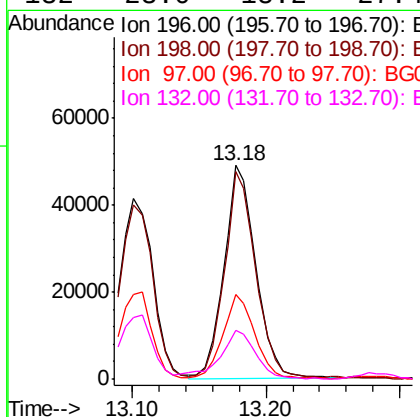
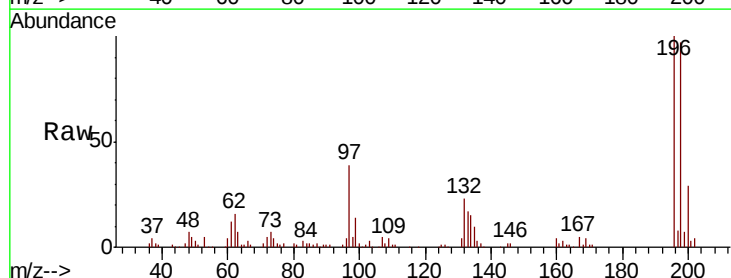
Instrument :
 BNA_G
 ClientSampleId :

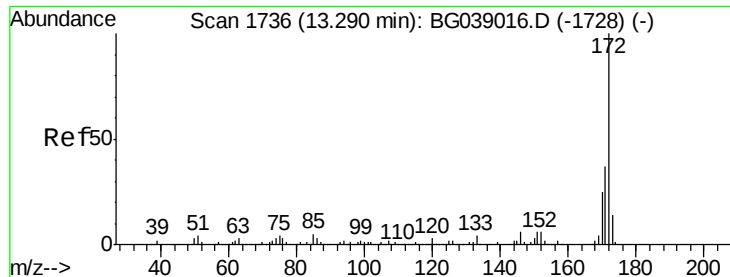
Tot Ion:196 Resp: 71052
 Ion Ratio Lower Upper
 196 100
 198 96.3 74.5 111.7
 200 31.9 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 47.487 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Tgt Ion:196 Resp: 81485
 Ion Ratio Lower Upper
 196 100
 198 97.0 78.1 117.1
 97 39.4 33.2 49.8
 132 23.0 18.2 27.4

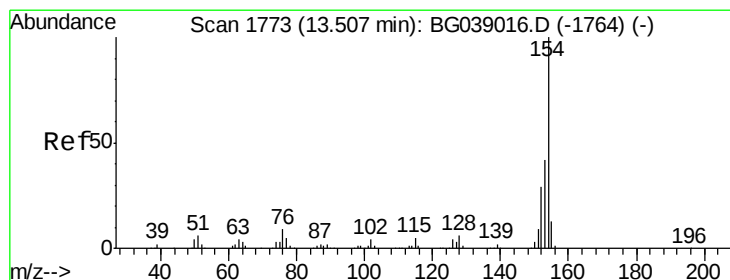
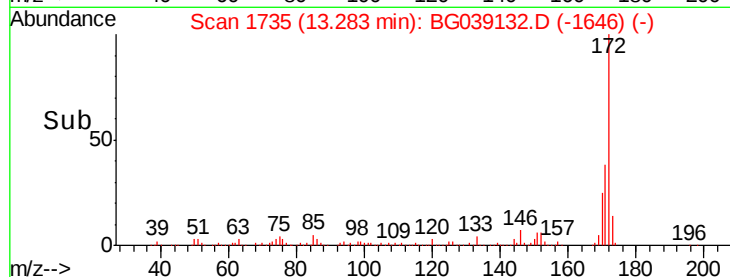
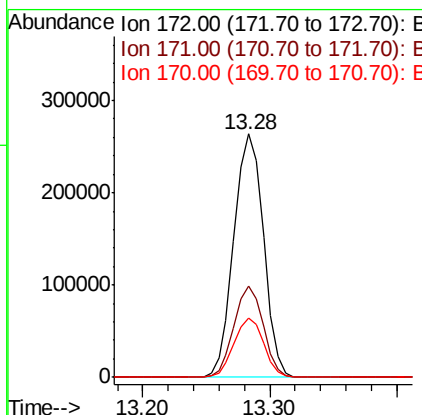
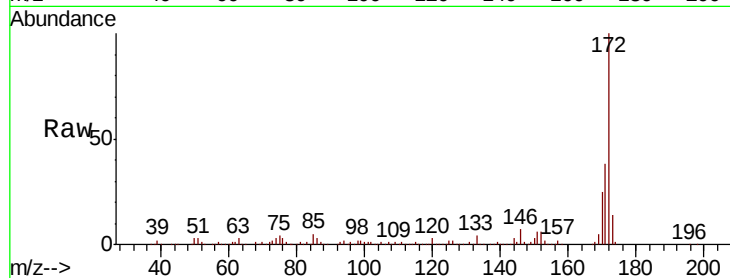




#45
2-Fluorobiphenyl
Concen: 84.959 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

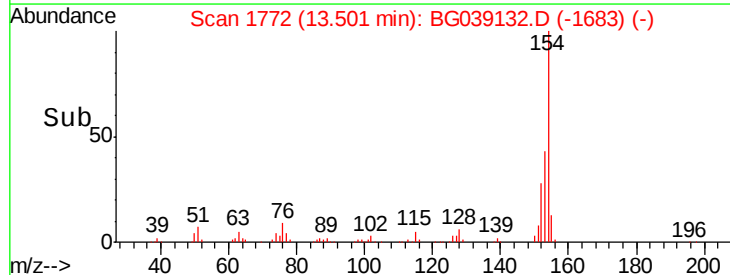
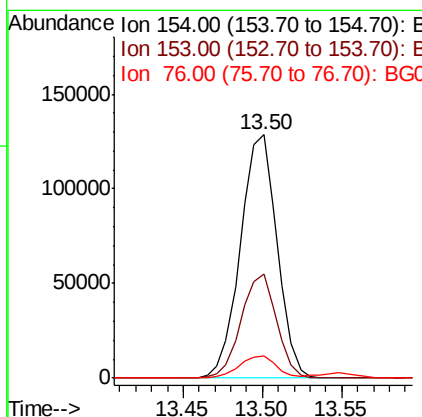
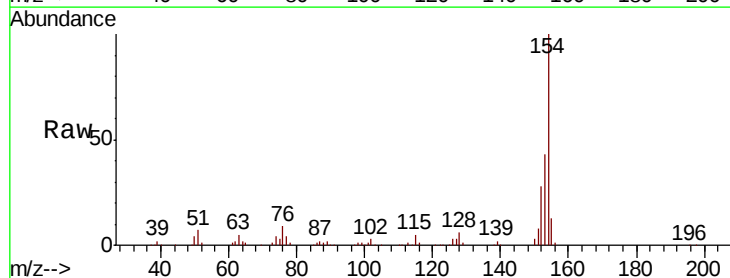
Instrument :
BNA_G
ClientSampleId :

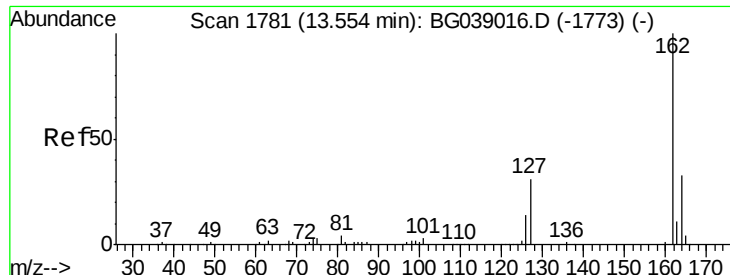
Tot Ion:172 Resp: 426400
Ion Ratio Lower Upper
172 100
171 37.7 29.4 44.0
170 24.5 20.1 30.1



#46
1,1'-Biphenyl
Concen: 37.823 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion:154 Resp: 205854
Ion Ratio Lower Upper
154 100
153 42.6 22.4 62.4
76 9.3 0.0 29.4

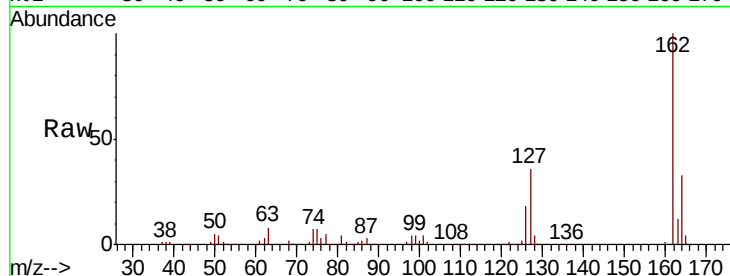




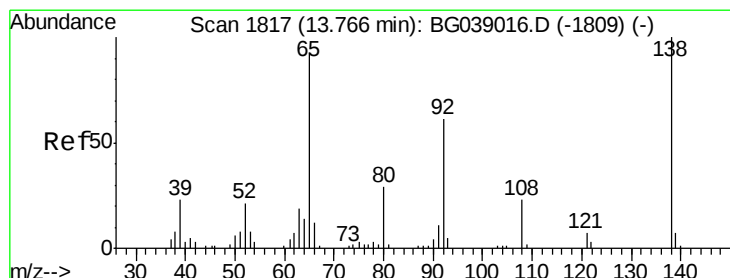
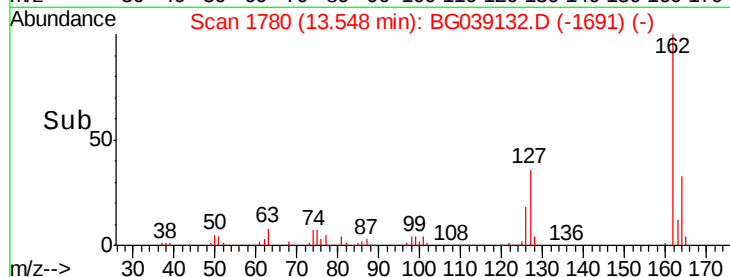
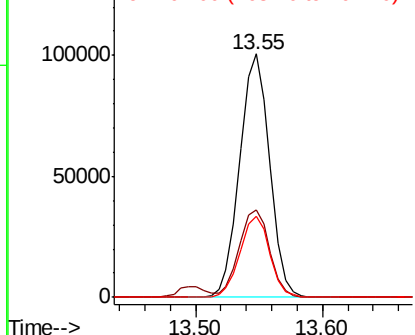
#47
 2-Chloronaphthalene
 Concen: 37.401 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 164727
 Ion Ratio Lower Upper
 162 100
 127 35.8 28.4 42.6
 164 33.4 26.3 39.5

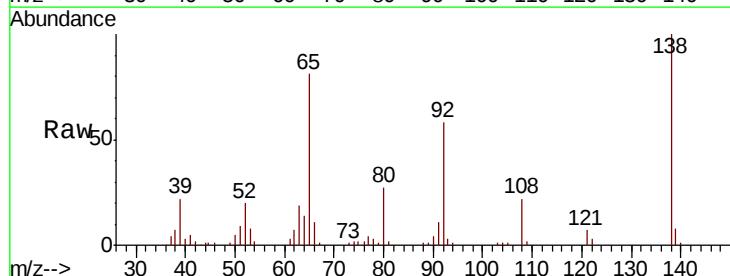


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

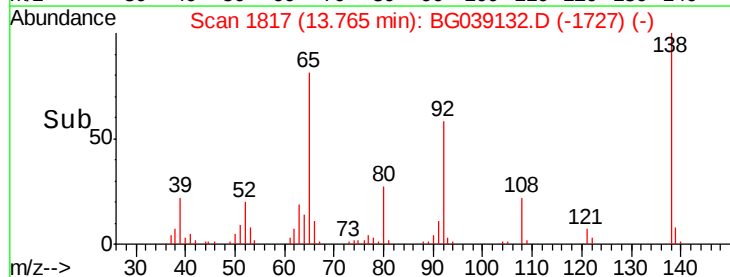
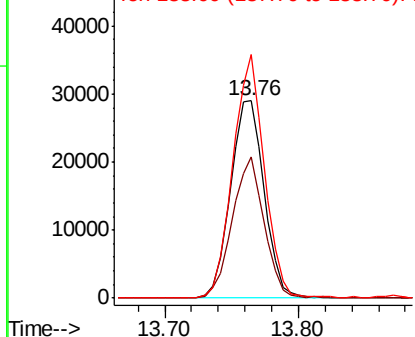


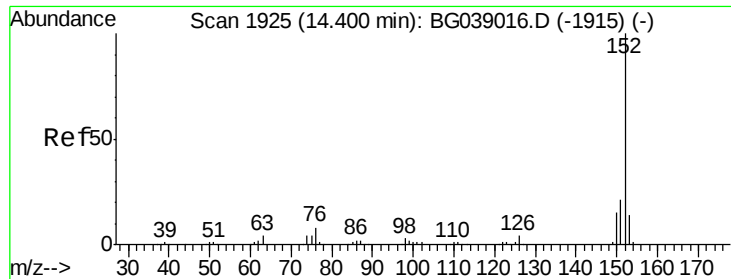
#48
 2-Nitroaniline
 Concen: 41.205 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Tgt Ion: 65 Resp: 50842
 Ion Ratio Lower Upper
 65 100
 92 71.8 52.2 78.4
 138 123.6 86.0 129.0



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.051 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

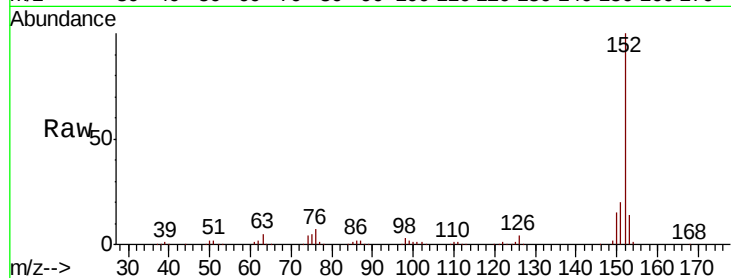
Tot Ion:152 Resp: 271755

Ion Ratio Lower Upper

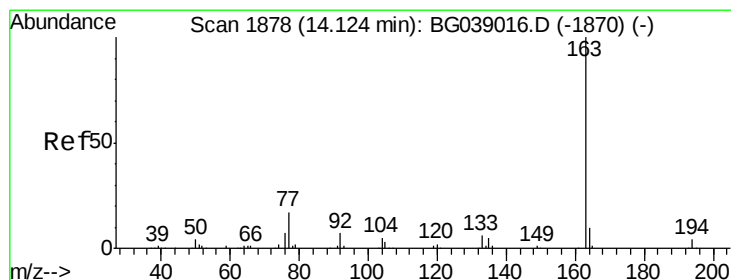
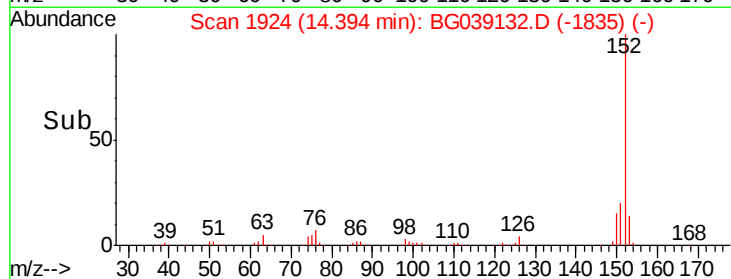
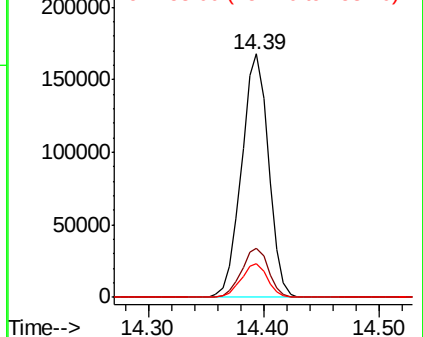
152 100

151 20.0 17.0 25.4

153 13.6 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.429 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

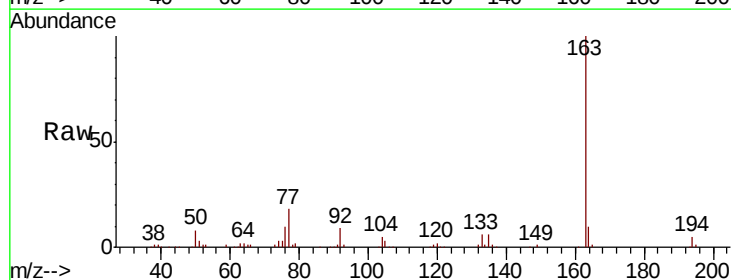
Tgt Ion:163 Resp: 234665

Ion Ratio Lower Upper

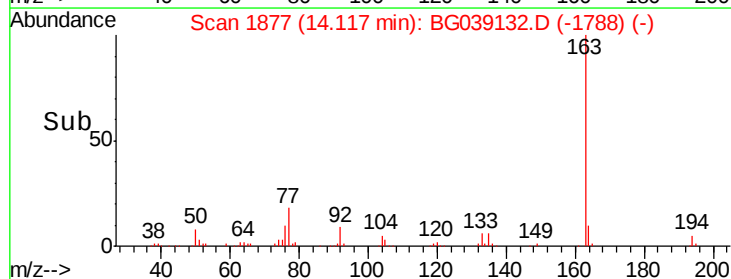
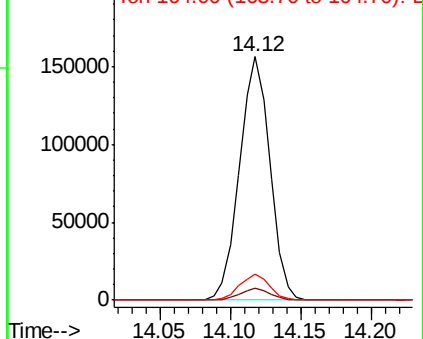
163 100

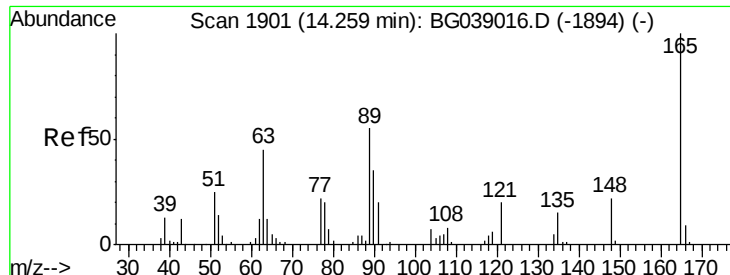
194 4.9 3.6 5.4

164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

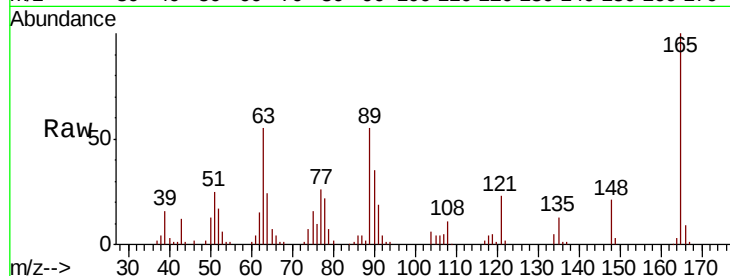




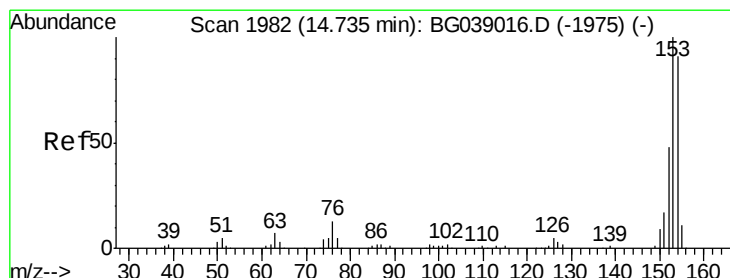
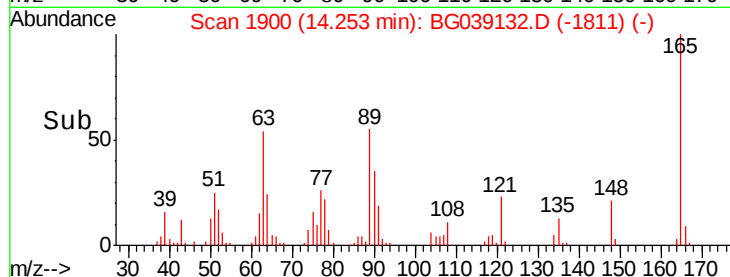
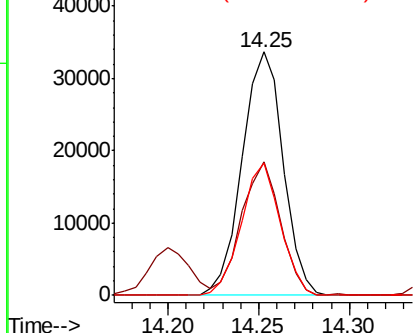
#51
 2,6-Dinitrotoluene
 Concen: 40.743 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 52872
 Ion Ratio Lower Upper
 165 100
 63 54.9 43.6 65.4
 89 54.6 43.7 65.5

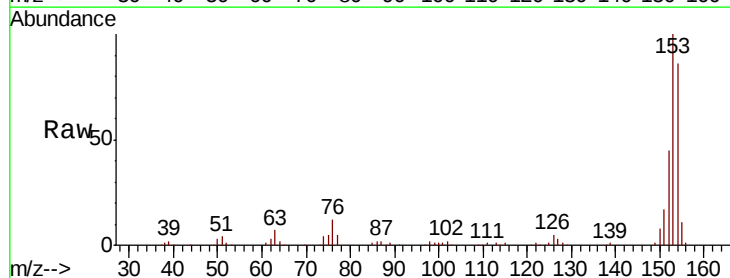


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

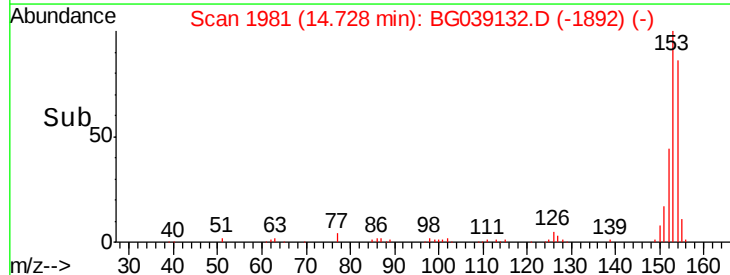
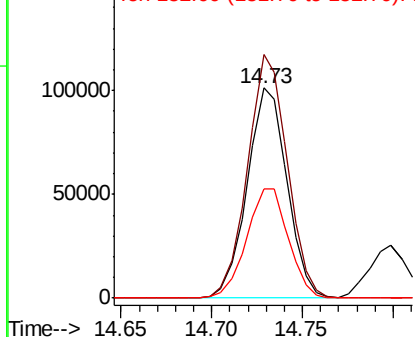


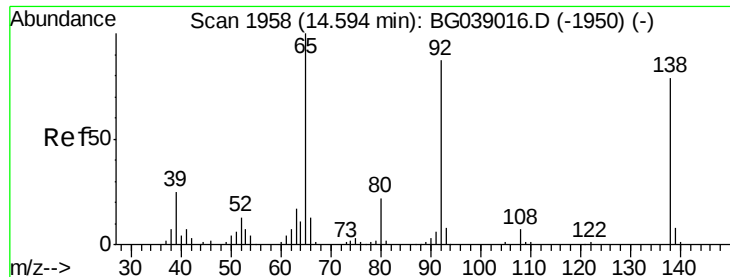
#52
 Acenaphthene
 Concen: 38.947 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Tgt Ion:154 Resp: 154907
 Ion Ratio Lower Upper
 154 100
 153 115.9 87.9 131.9
 152 52.1 42.2 63.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.347 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

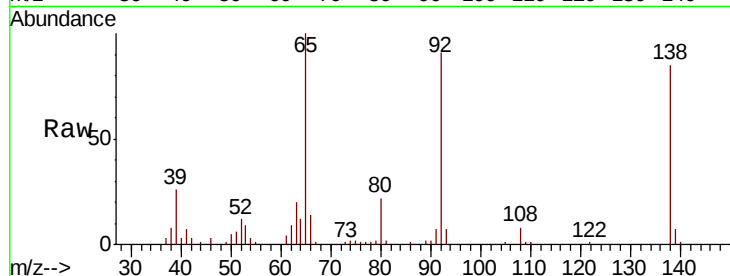
Tot Ion:138 Resp: 37317

Ion Ratio Lower Upper

138 100

108 9.4 7.4 11.0

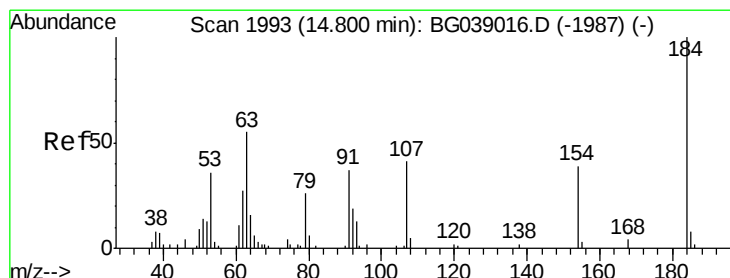
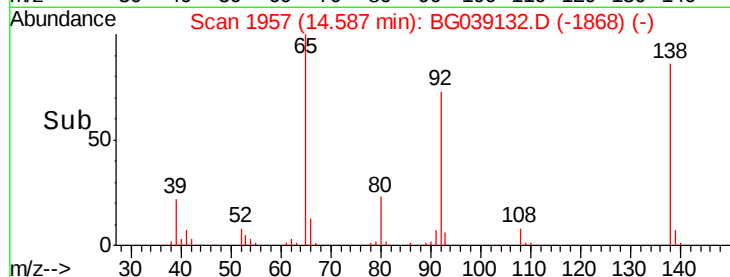
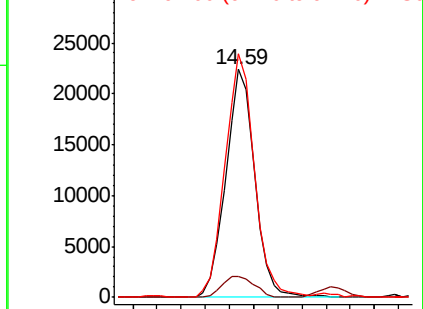
92 106.8 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 84.405 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

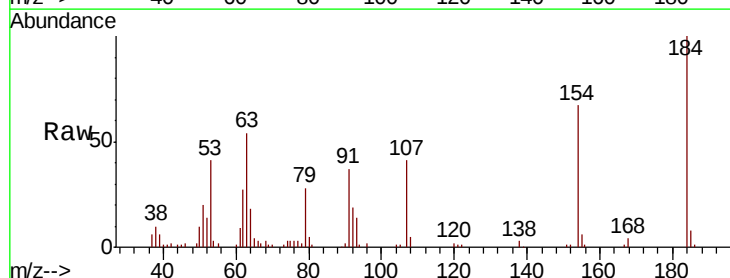
Tgt Ion:184 Resp: 65733

Ion Ratio Lower Upper

184 100

63 54.4 44.0 66.0

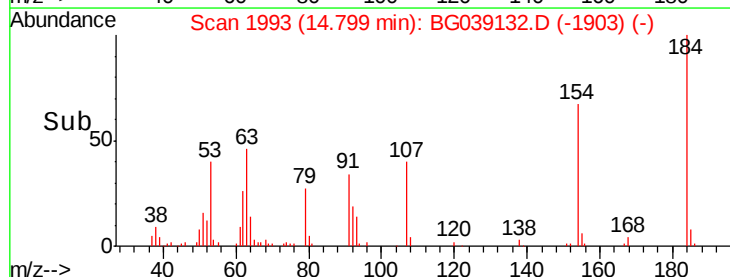
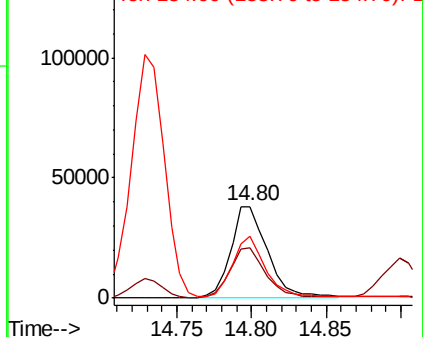
154 67.1 46.1 69.1

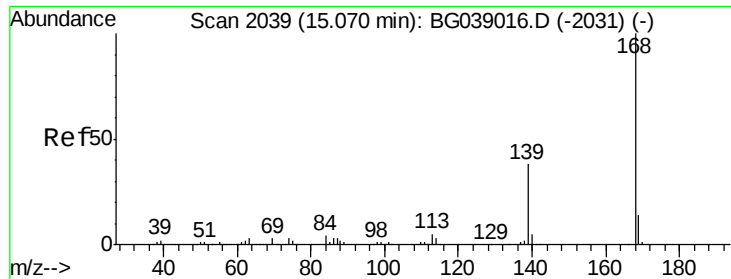


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 39.334 ng

RT: 15.06 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

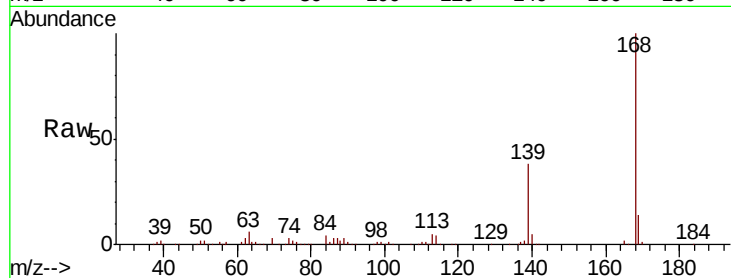
Tot Ion:168 Resp: 276303

Ion Ratio Lower Upper

168 100

139 37.8 30.1 45.1

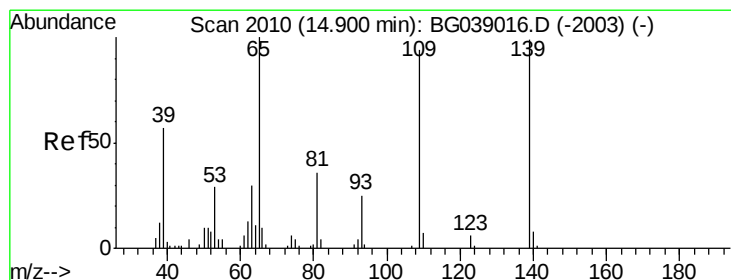
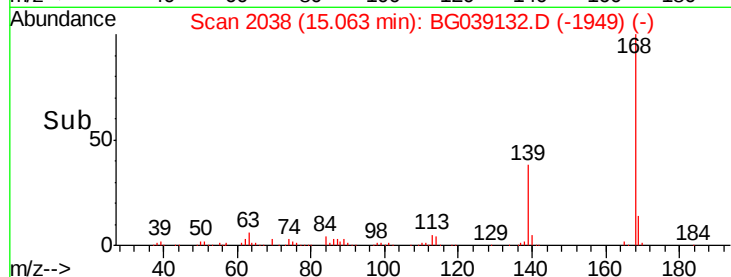
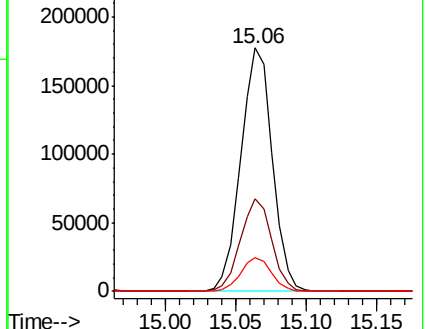
169 13.8 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 91.538 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

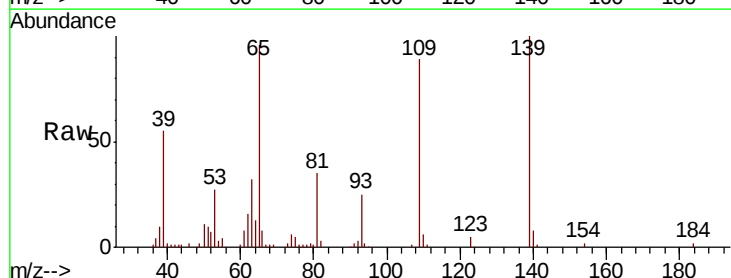
Tgt Ion:139 Resp: 86706

Ion Ratio Lower Upper

139 100

109 89.5 75.6 115.6

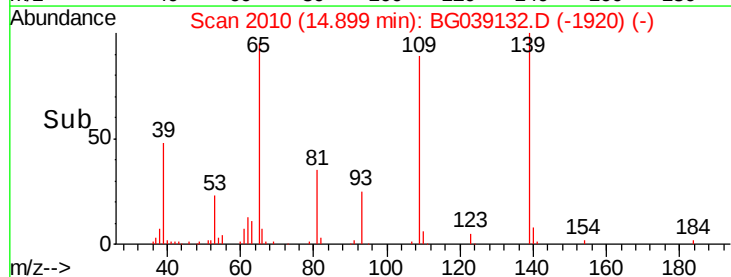
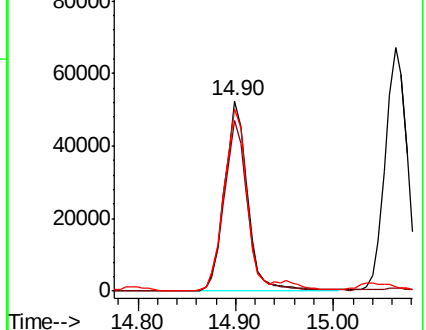
65 96.0 81.2 121.2

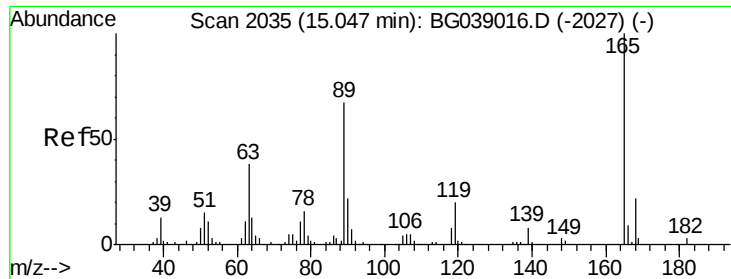


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

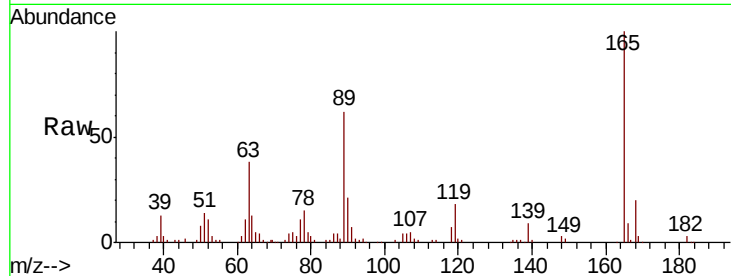




#57
2,4-Dinitrotoluene
Concen: 41.686 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.4	30.2	45.4
89	62.4	53.2	79.8
182	2.8	2.7	4.1



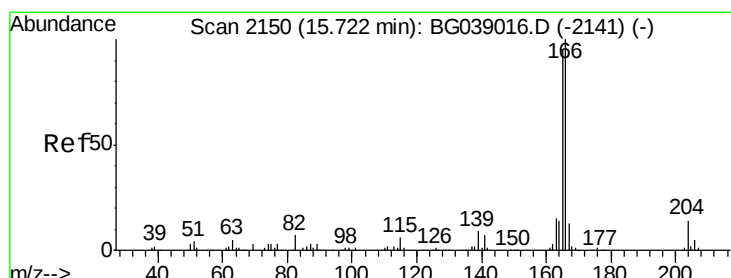
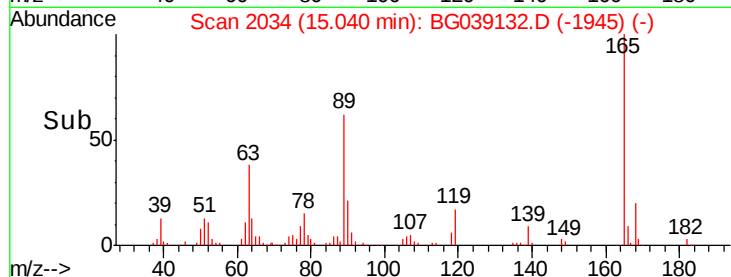
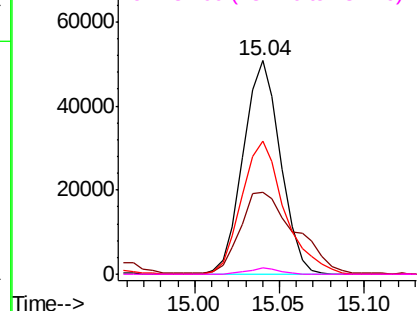
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

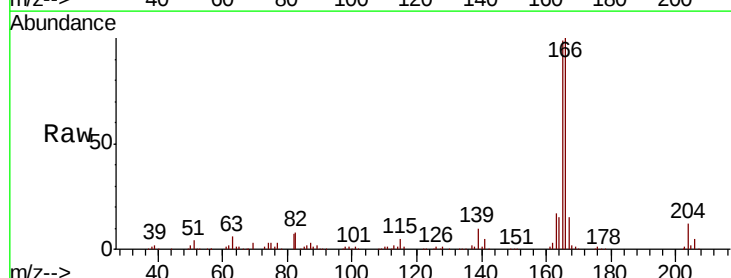
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.572 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	76.2	114.2
167	14.5	10.6	16.0

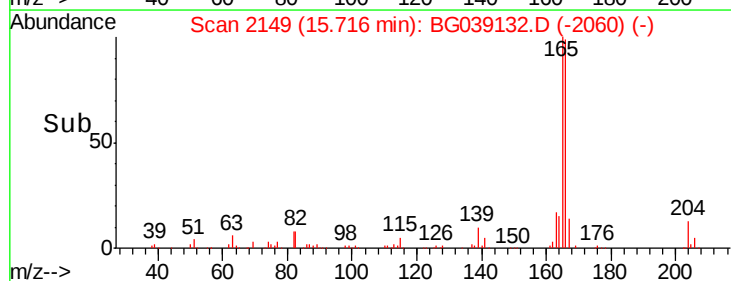
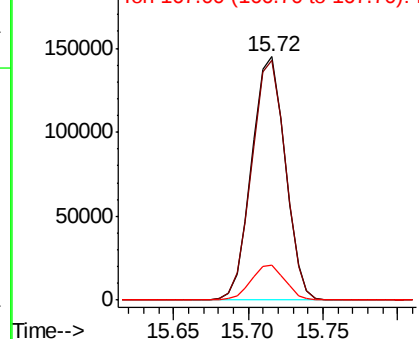


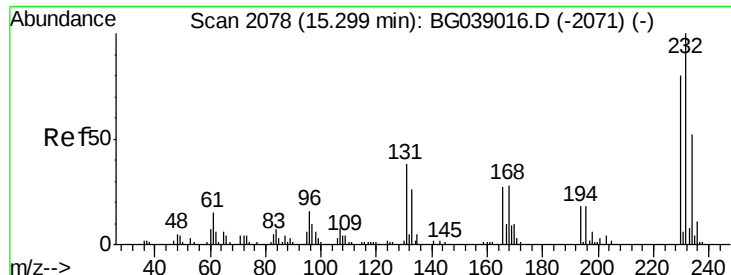
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

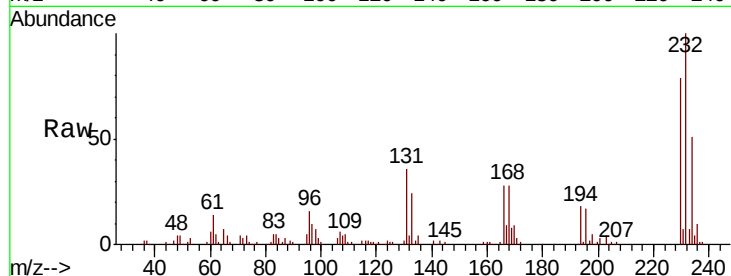




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.835 ng
RT: 15.29 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.1	30.9	46.3
130	2.2	1.9	2.9
166	28.1	22.1	33.1



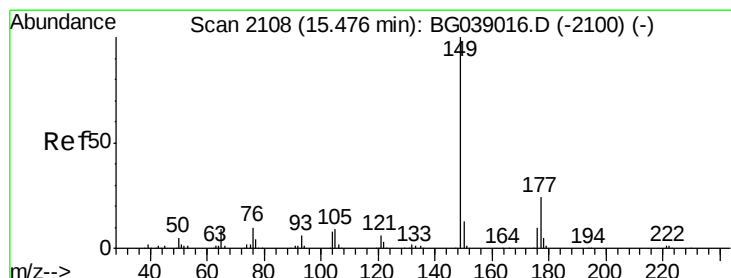
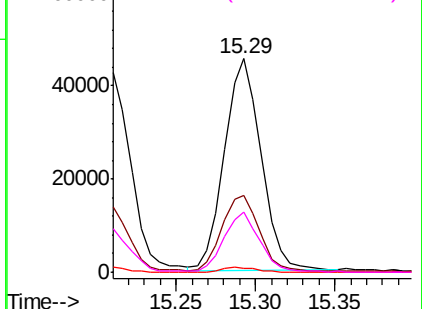
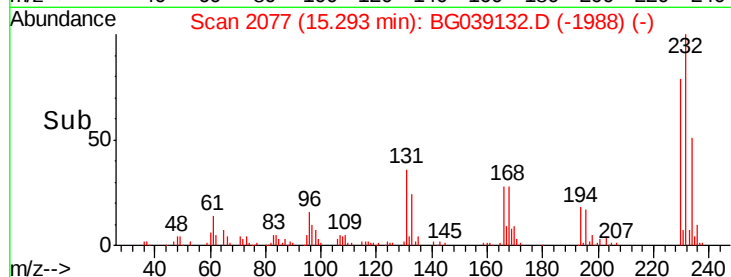
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

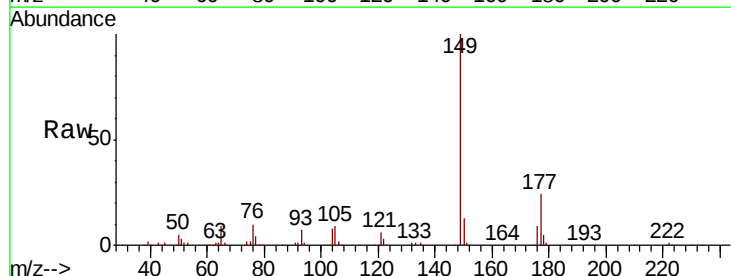
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.234 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.0	28.6
150	12.8	10.2	15.4

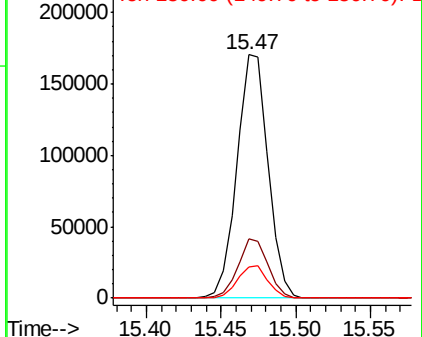
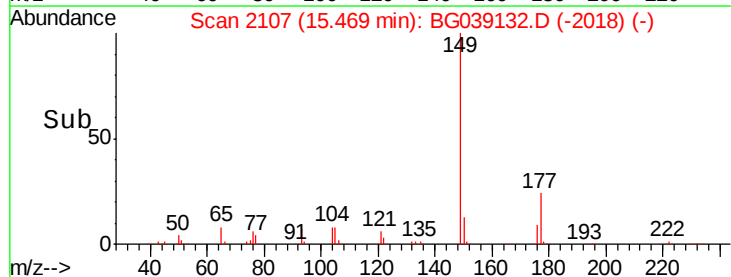


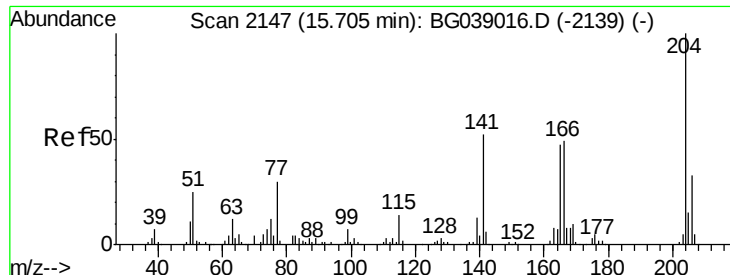
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

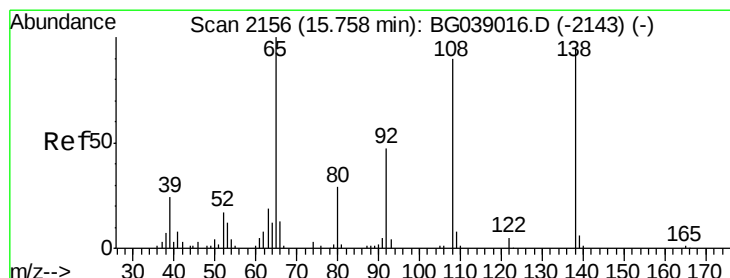
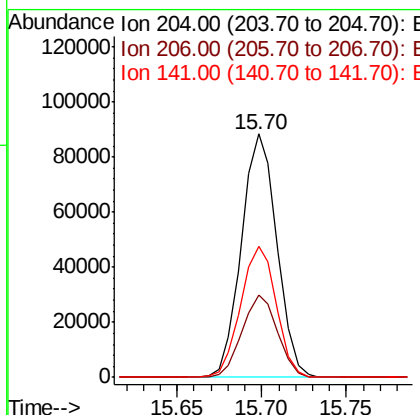
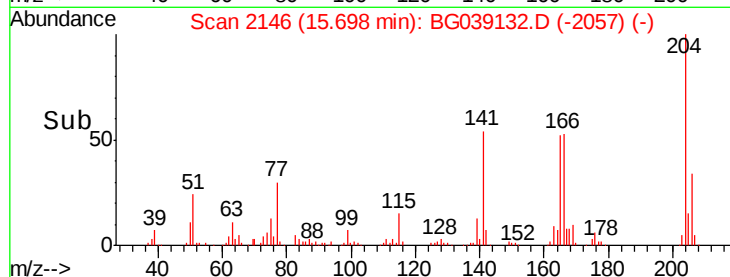
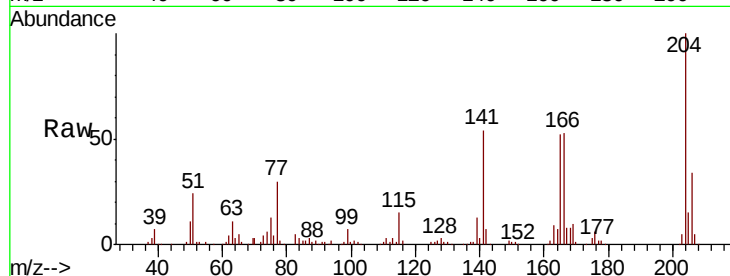




#61
4-Chlorophenyl-phenylether
Concen: 38.631 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

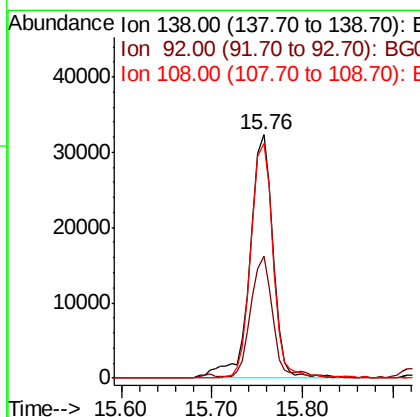
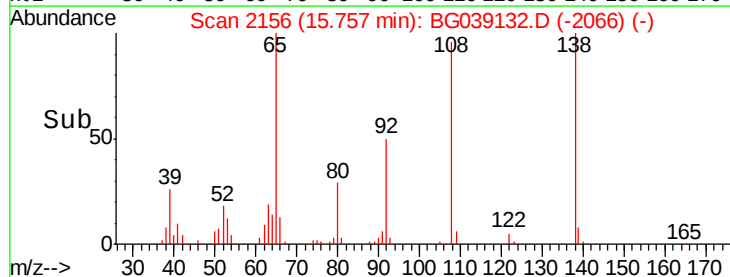
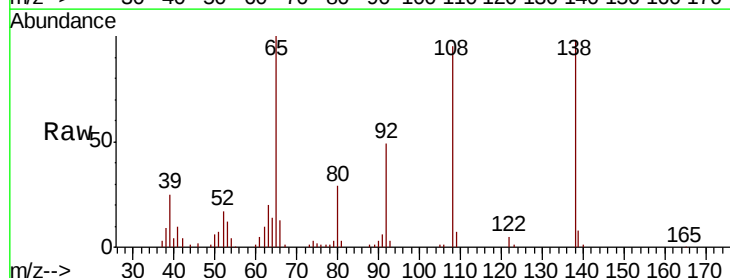
Instrument :
BNA_G
ClientSampled :

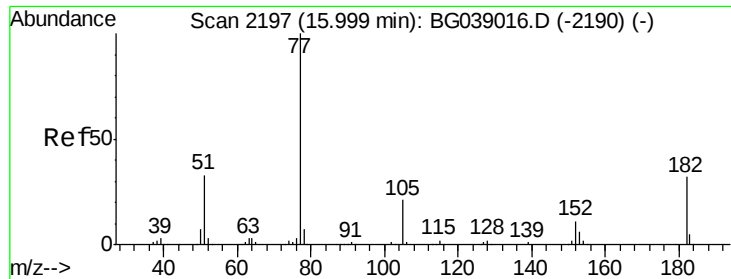
Tot Ion:204 Resp: 128687
Ion Ratio Lower Upper
204 100
206 34.1 26.6 39.8
141 53.6 41.4 62.0



#62
4-Nitroaniline
Concen: 41.602 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion:138 Resp: 57053
Ion Ratio Lower Upper
138 100
92 50.1 29.7 69.7
108 96.4 75.7 115.7





#63

Azobenzene

Concen: 39.725 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 185781

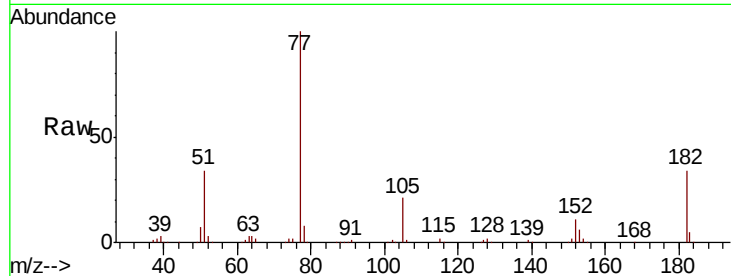
Ion Ratio Lower Upper

77 100

182 34.1 12.2 52.2

105 20.5 1.2 41.2

51 34.1 13.4 53.4

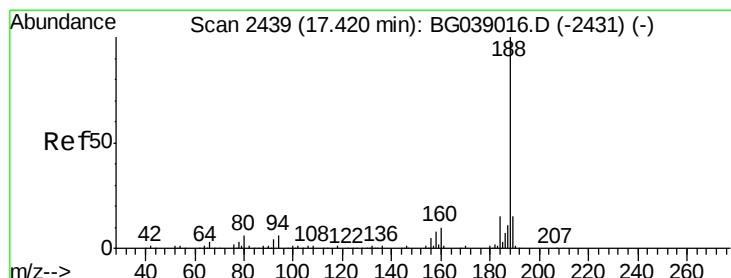
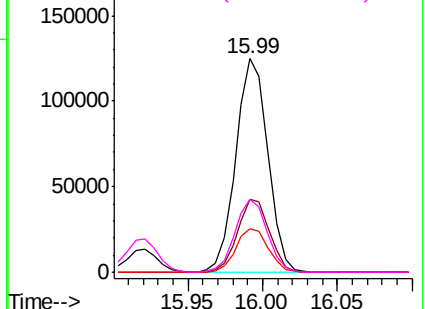
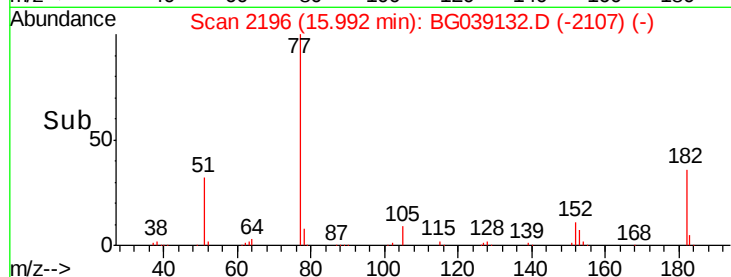


Abundance Ion 77.00 (76.70 to 77.70): BG039132.D (-2190) (-)

Ion 182.00 (181.70 to 182.70): BG039132.D (-2190) (-)

Ion 105.00 (104.70 to 105.70): BG039132.D (-2190) (-)

Ion 51.00 (50.70 to 51.70): BG039132.D (-2190) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

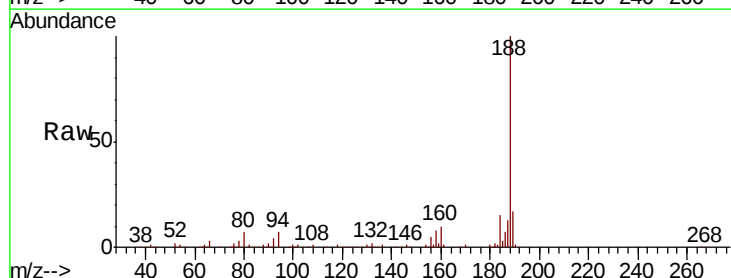
Tgt Ion: 188 Resp: 188258

Ion Ratio Lower Upper

188 100

94 6.6 5.0 7.4

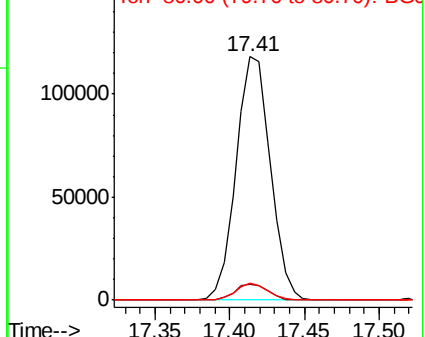
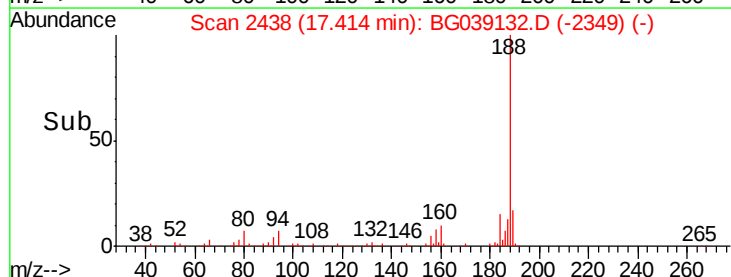
80 7.1 4.7 7.1#

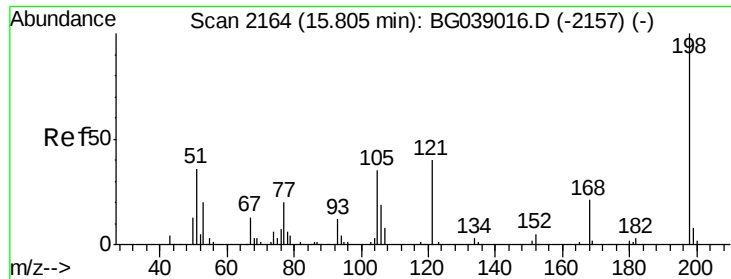


Abundance Ion 188.00 (187.70 to 188.70): BG039132.D (-2349) (-)

Ion 94.00 (93.70 to 94.70): BG039132.D (-2349) (-)

Ion 80.00 (79.70 to 80.70): BG039132.D (-2349) (-)

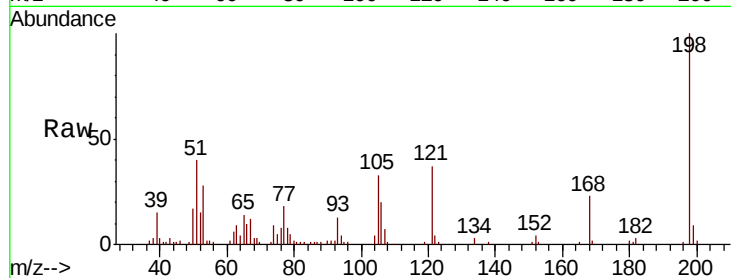




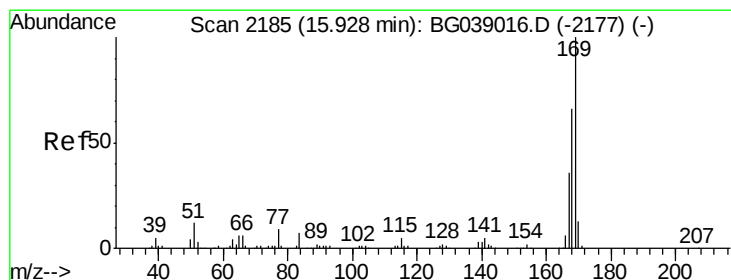
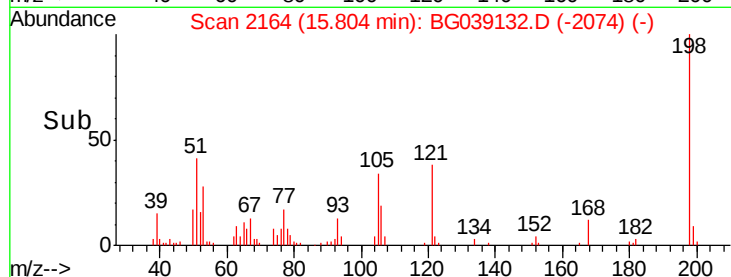
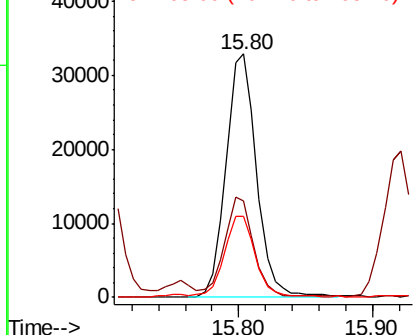
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.881 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.8	20.8	60.8
105	33.1	16.1	56.1

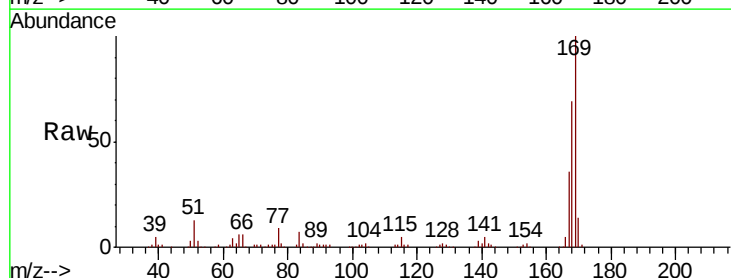


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

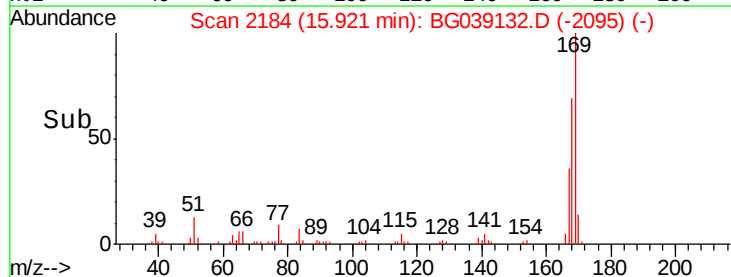
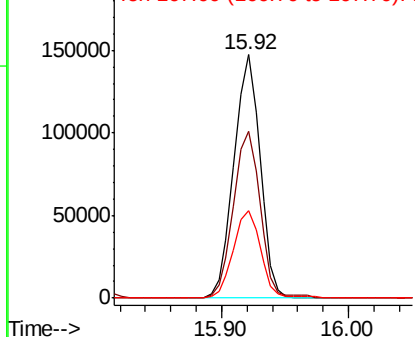


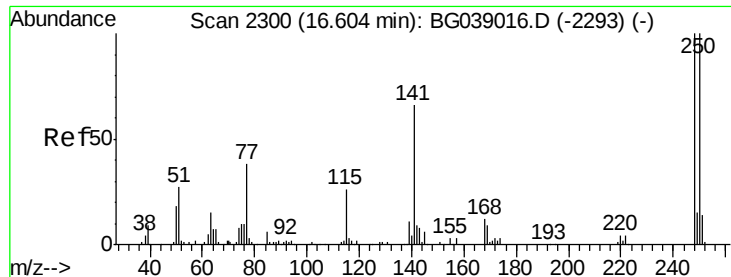
#66
 n-Nitrosodiphenylamine
 Concen: 37.752 ng
 RT: 15.92 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.8	53.2	79.8
167	36.1	29.1	43.7



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

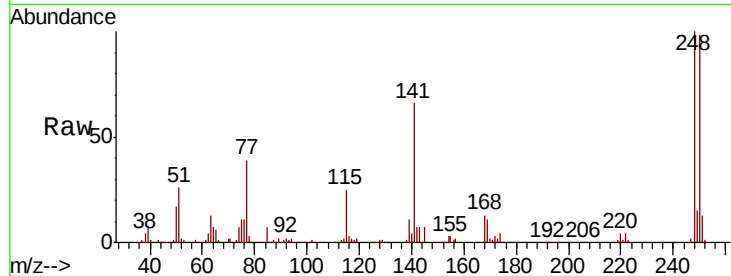




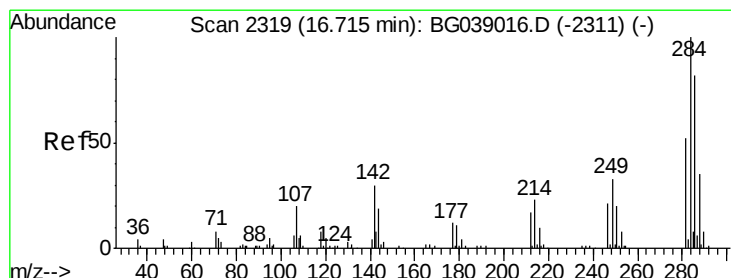
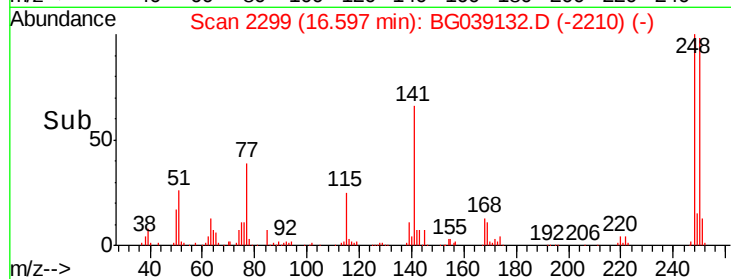
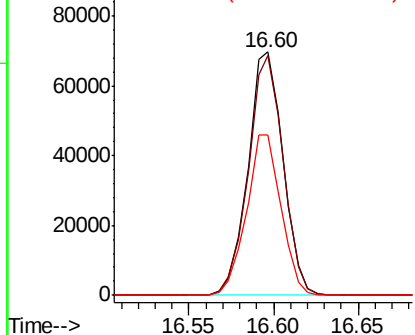
#67
 4-Bromophenyl-phenylether
 Concen: 41.627 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 100736
 Ion Ratio Lower Upper
 248 100
 250 98.3 79.9 119.9
 141 66.0 52.7 79.1

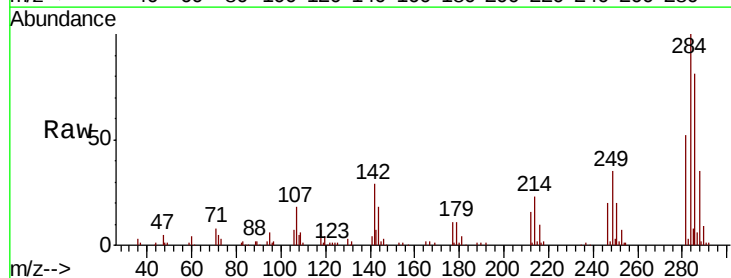


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

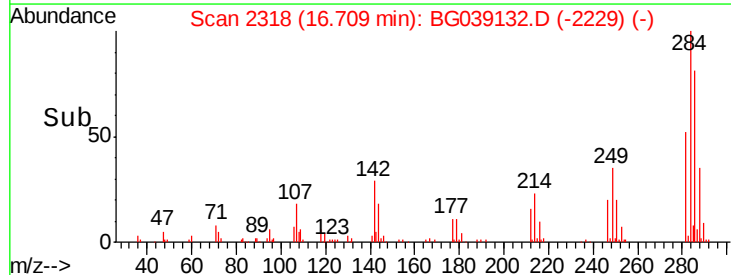
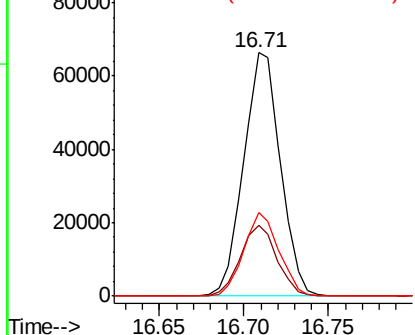


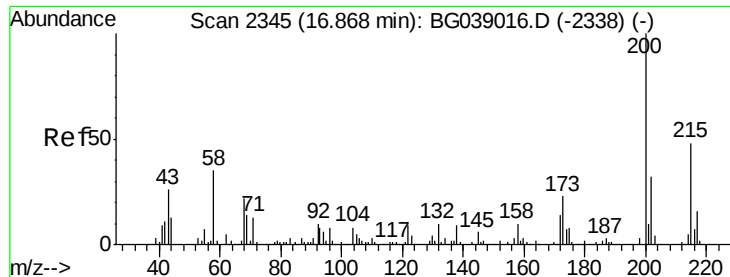
#68
 Hexachlorobenzene
 Concen: 38.082 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Tgt Ion:284 Resp: 100562
 Ion Ratio Lower Upper
 284 100
 142 29.3 24.3 36.5
 249 34.5 27.8 41.8



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 36.485 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

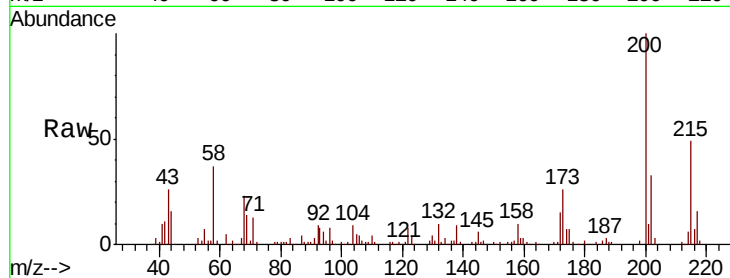
Tot Ion:200 Resp: 86500

Ion Ratio Lower Upper

200 100

173 25.8 2.6 42.6

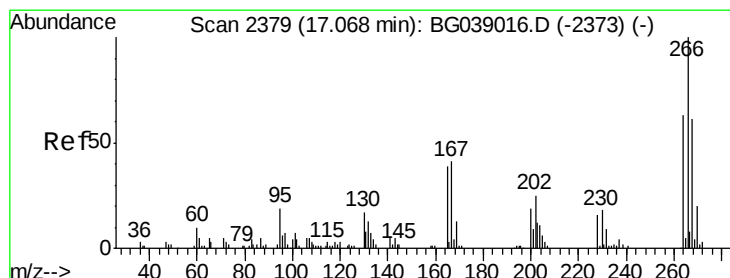
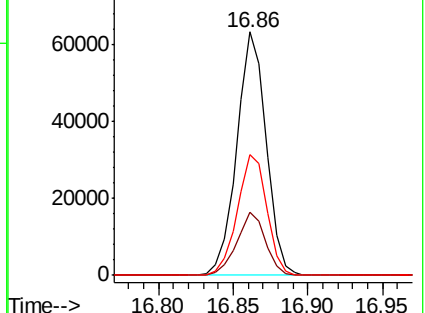
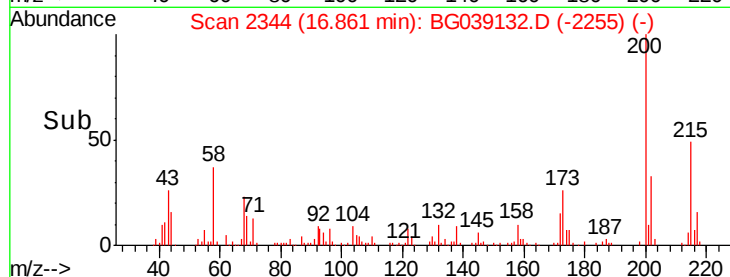
215 49.4 28.0 68.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 68.265 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

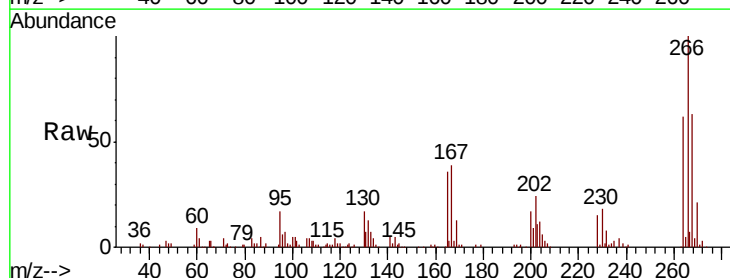
Tgt Ion:266 Resp: 109880

Ion Ratio Lower Upper

266 100

268 67.4 52.0 78.0

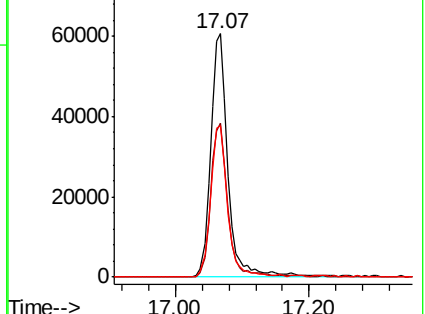
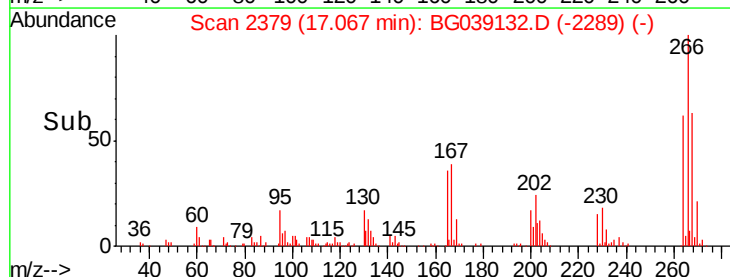
264 67.2 54.6 81.8

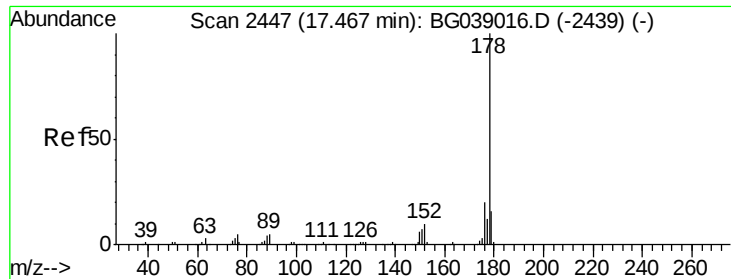


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

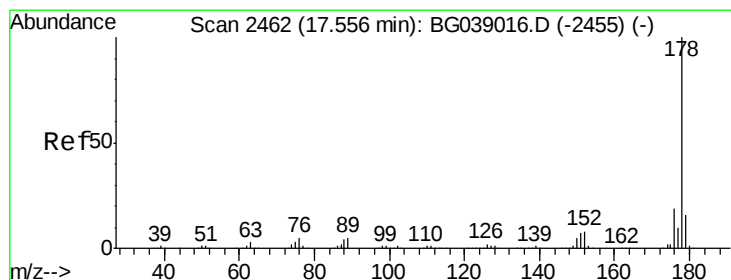
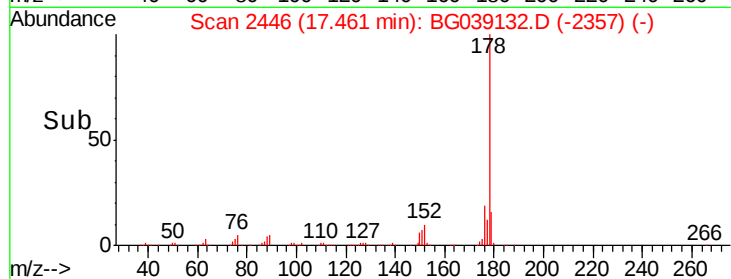
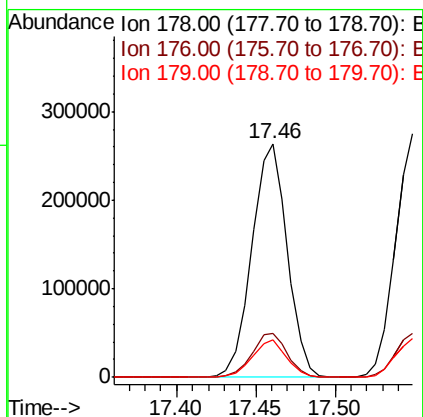
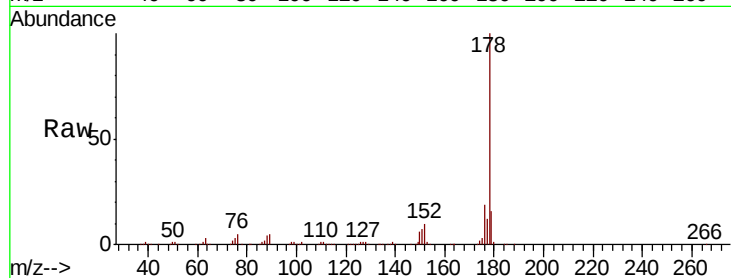




#71
Phenanthrene
Concen: 40.981 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

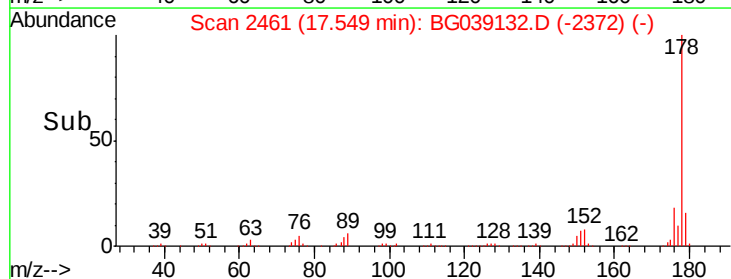
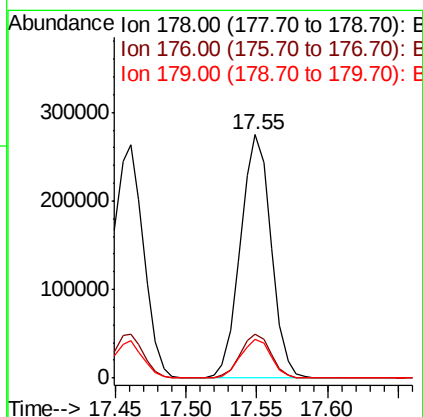
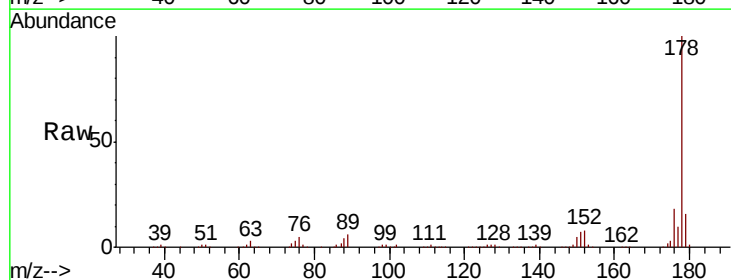
Instrument :
BNA_G
ClientSampleId :

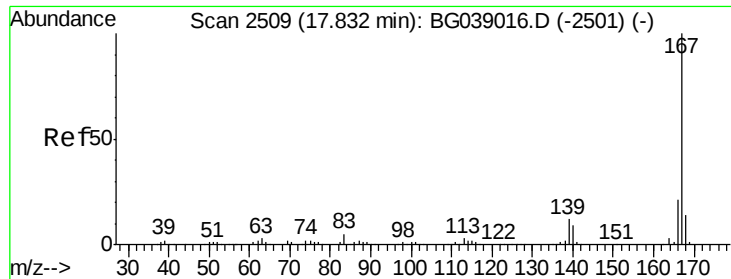
Tot Ion:178 Resp: 407790
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 15.8 12.9 19.3



#72
Anthracene
Concen: 42.349 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion:178 Resp: 416652
Ion Ratio Lower Upper
178 100
176 18.2 14.9 22.3
179 15.8 13.0 19.4

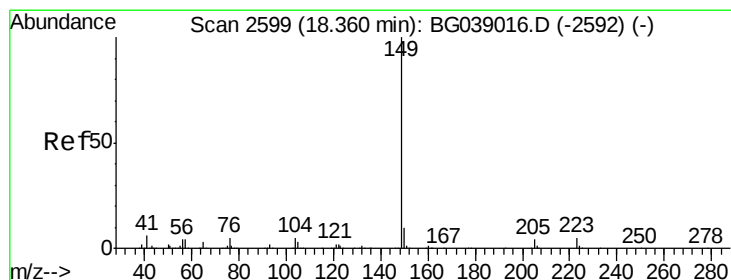
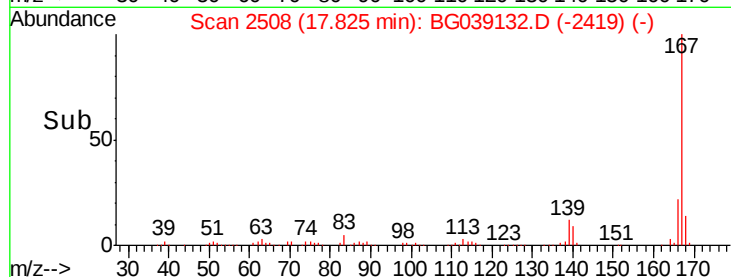
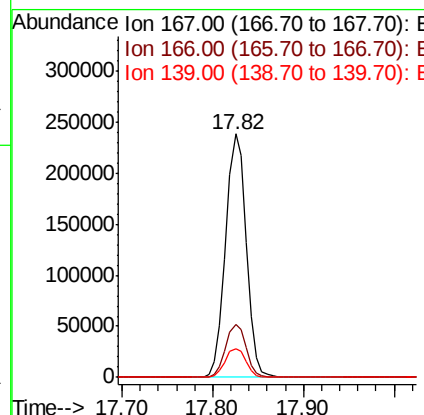
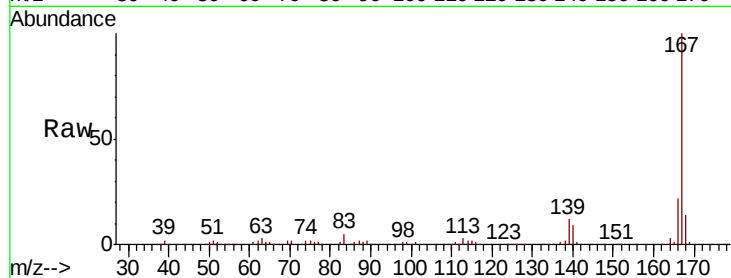




#73
 Carbazole
 Concen: 38.632 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

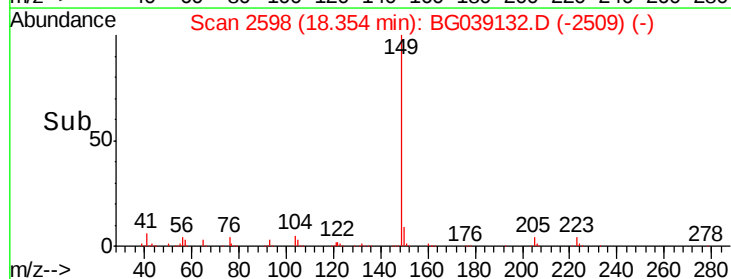
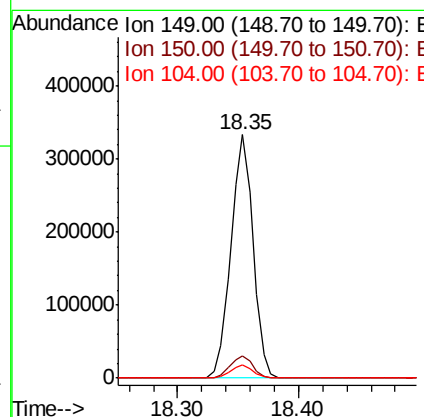
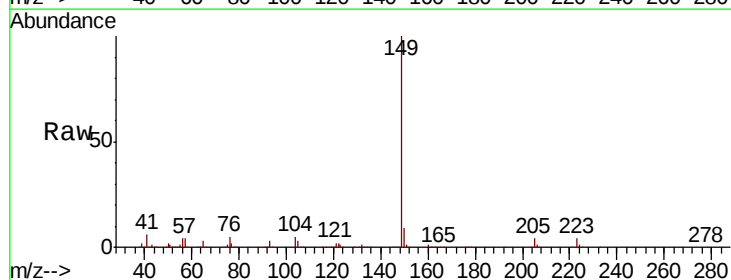
Instrument :
 BNA_G
 ClientSampleId :

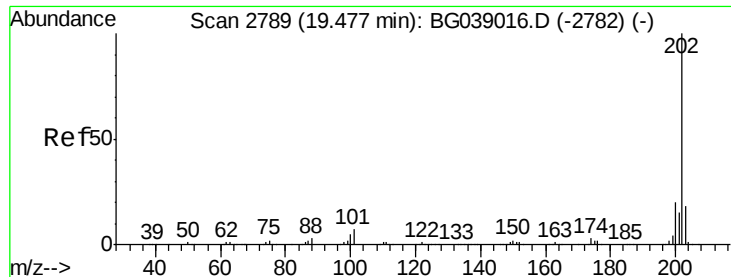
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	16.9	25.3
139	11.9	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 39.167 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.3	4.2	6.2





#75

Fluoranthene

Concen: 42.422 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

ClientSampled :

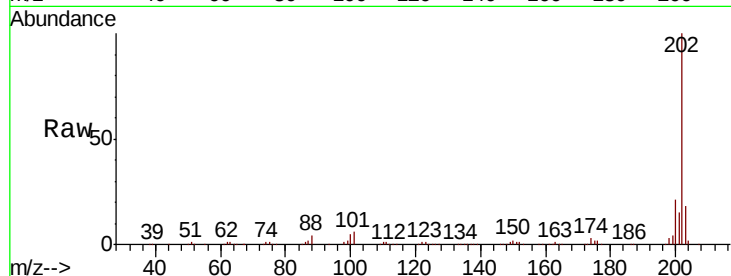
Tot Ion:202 Resp: 523309

Ion Ratio Lower Upper

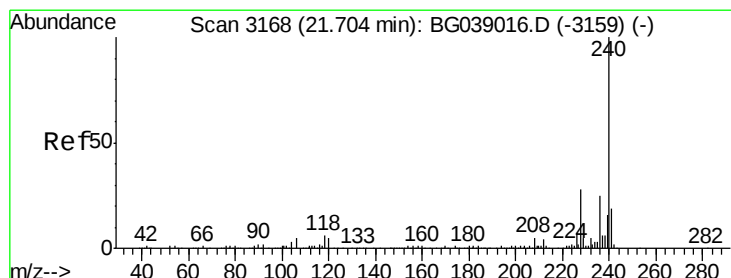
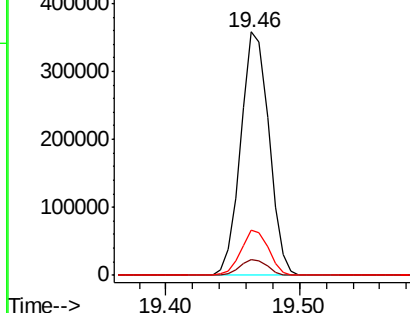
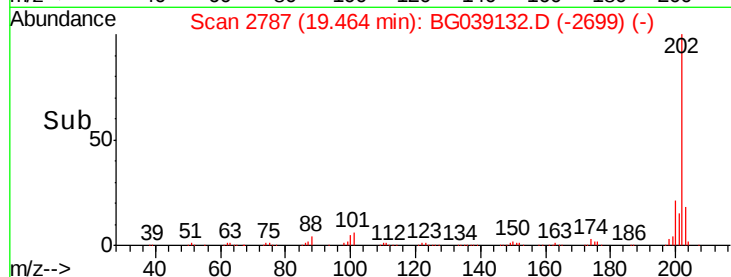
202 100

101 6.3 0.0 26.9

203 18.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

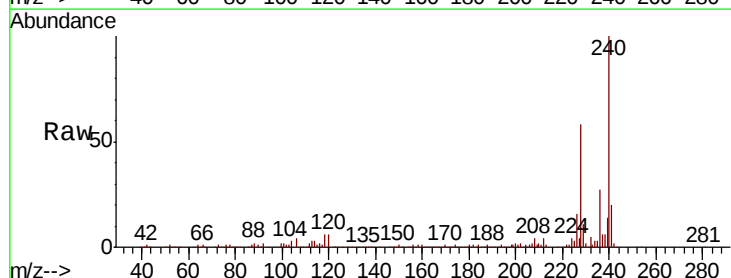
Tgt Ion:240 Resp: 206315

Ion Ratio Lower Upper

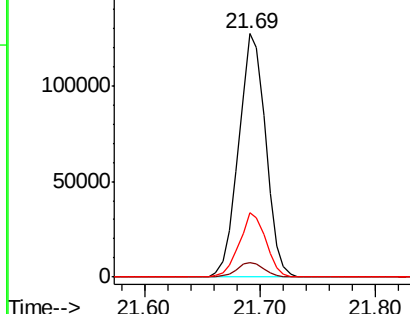
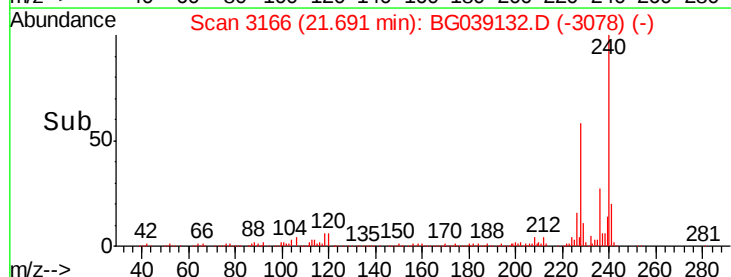
240 100

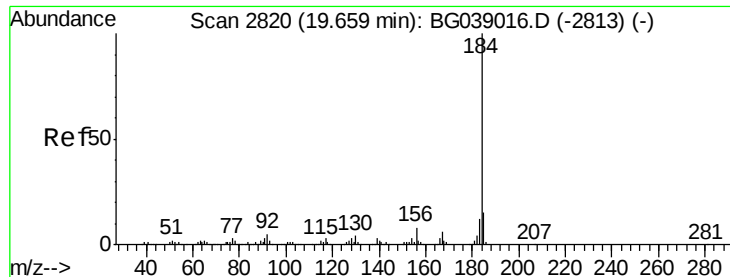
120 5.9 4.3 6.5

236 26.6 20.1 30.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.138 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

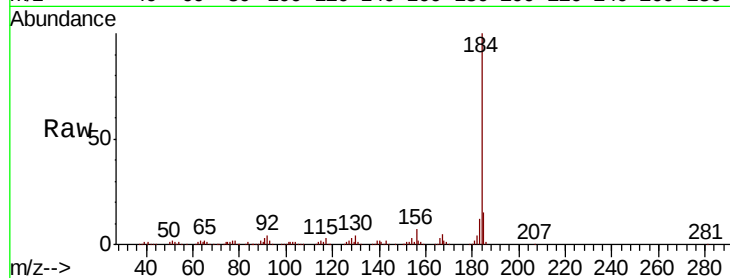
Tot Ion:184 Resp: 221732

Ion Ratio Lower Upper

184 100

185 15.1 12.1 18.1

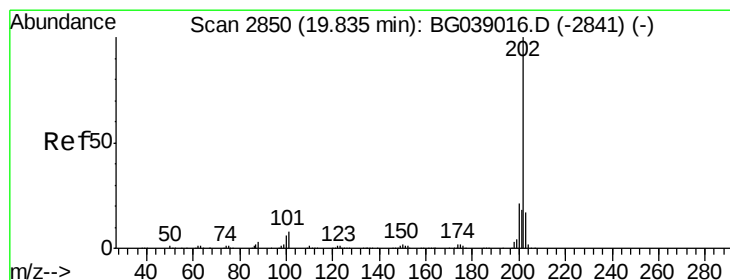
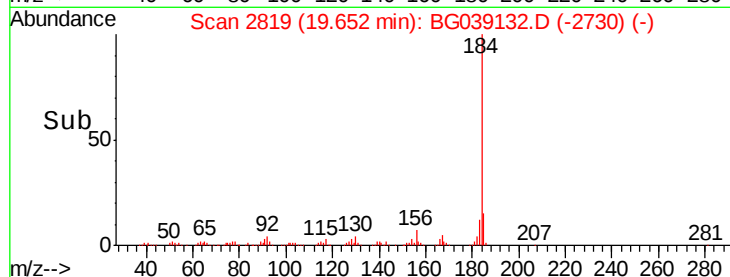
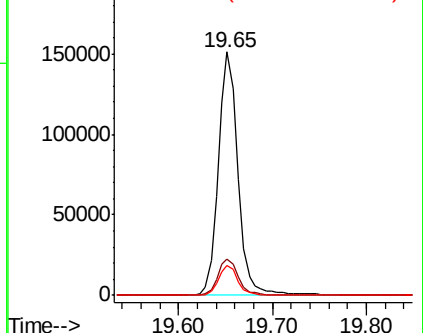
183 12.2 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.677 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

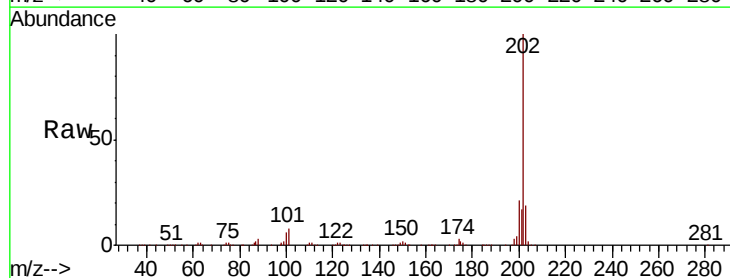
Tgt Ion:202 Resp: 521680

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.6

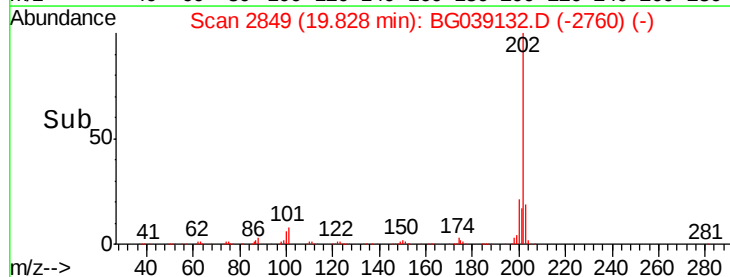
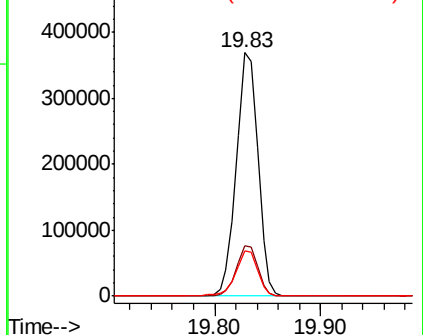
203 18.5 14.0 21.0

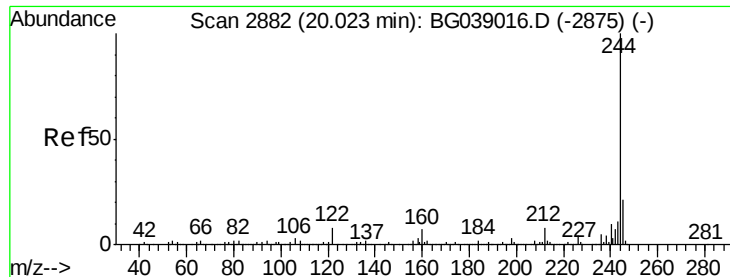


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.934 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

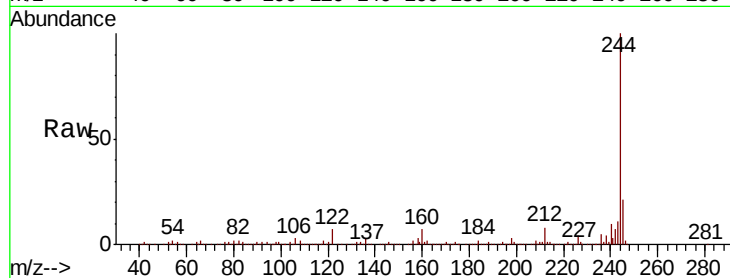
Tot Ion:244 Resp: 869187

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

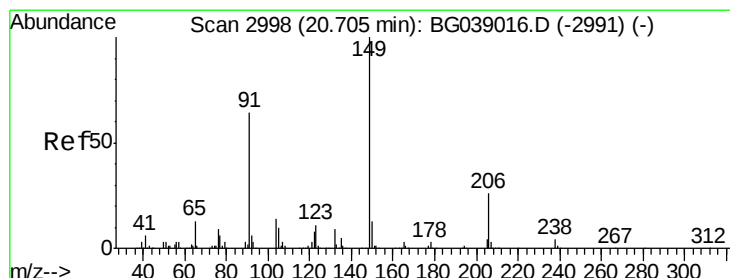
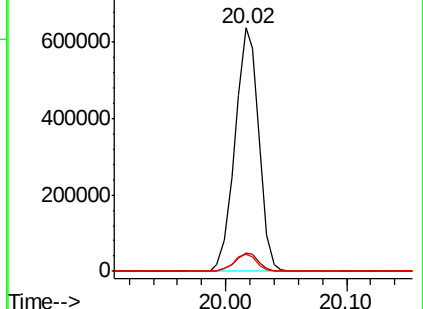
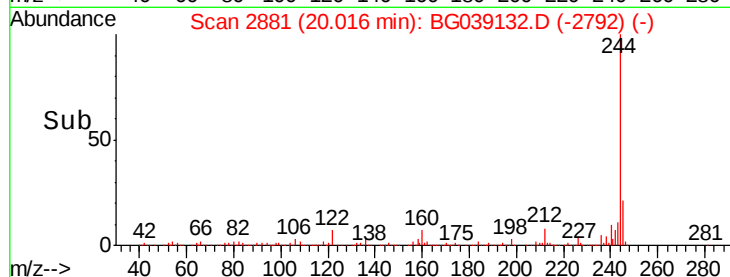
122 6.9 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.815 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

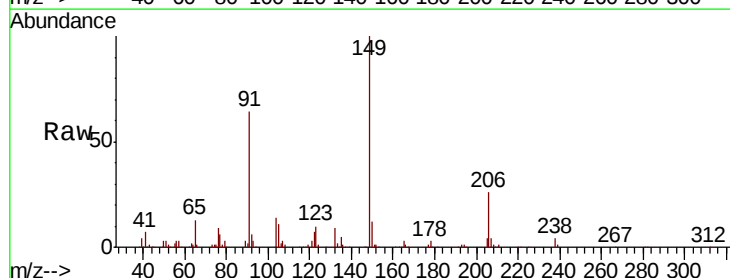
Tgt Ion:149 Resp: 194105

Ion Ratio Lower Upper

149 100

91 63.7 51.4 77.0

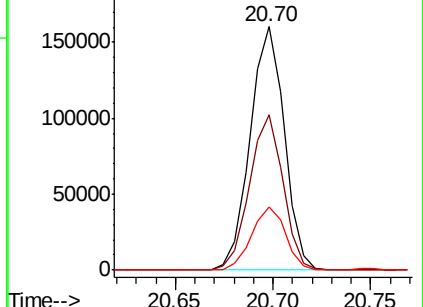
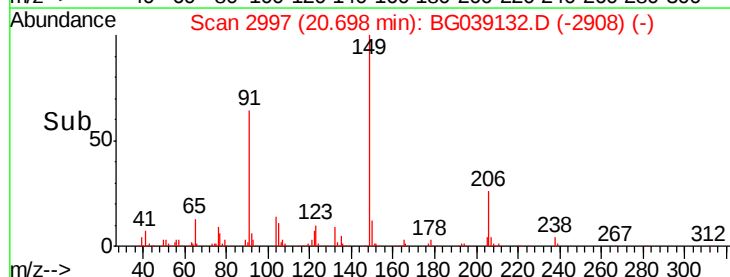
206 25.8 20.4 30.6

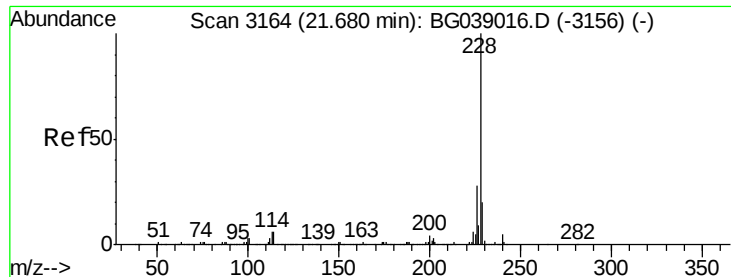


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.430 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

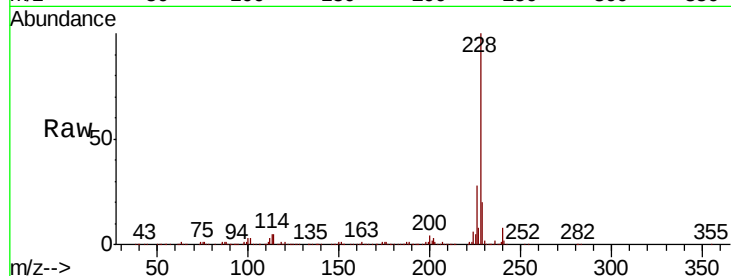
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 520336

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.4	33.6
229	20.0	16.2	24.2

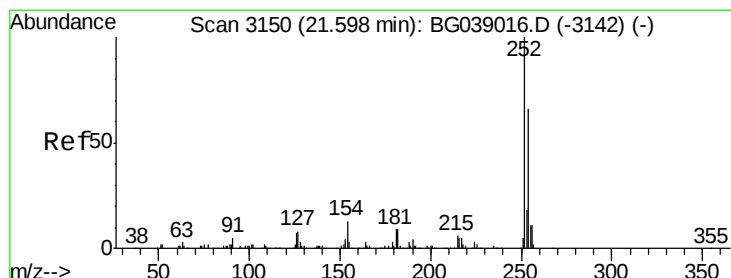
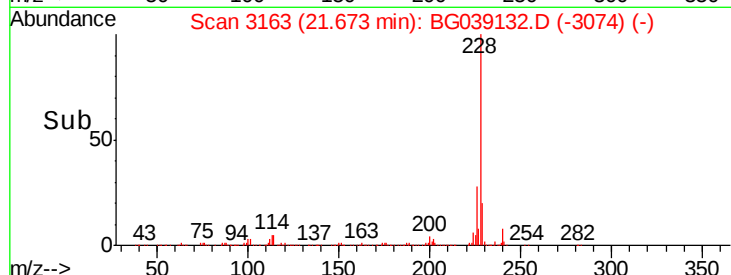
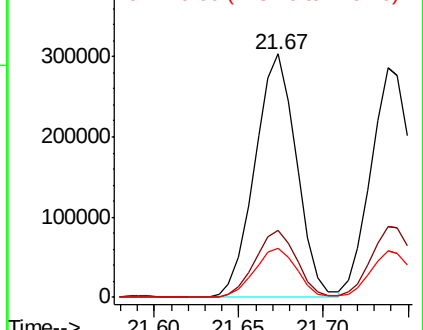


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.373 ng

RT: 21.59 min Scan# 3149

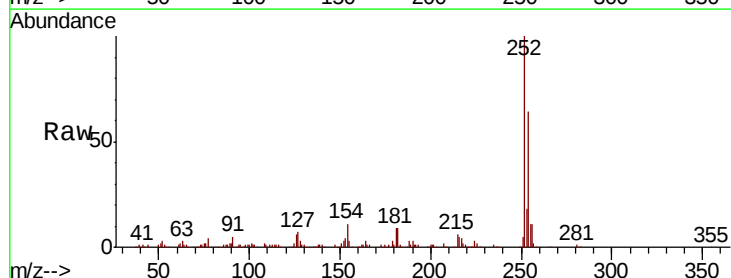
Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Tgt Ion:252 Resp: 140077

Ion	Ratio	Lower	Upper
252	100		
254	63.9	53.0	79.6
126	6.2	6.0	9.0

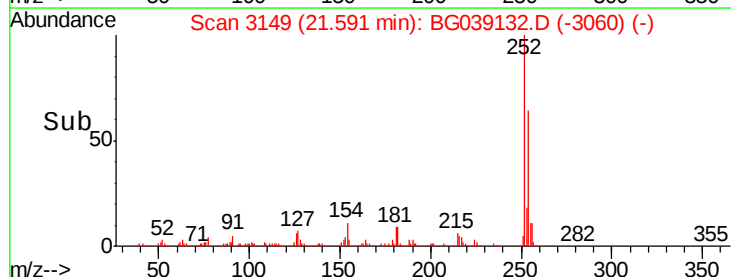
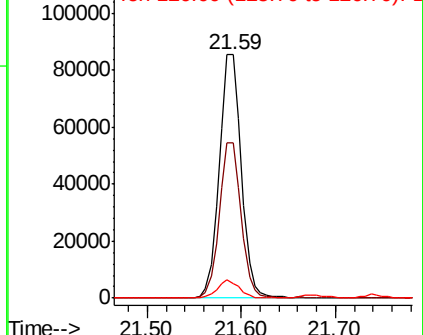


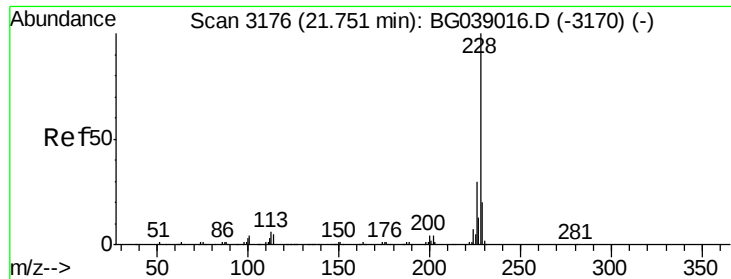
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.091 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

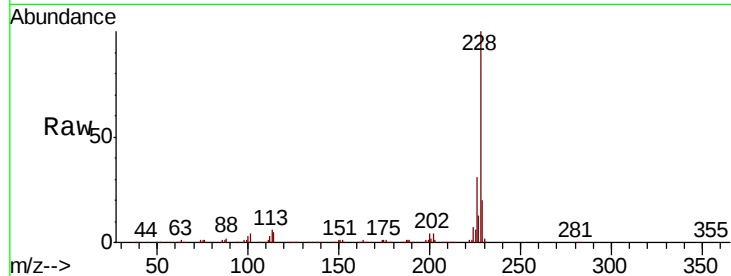
Tot Ion:228 Resp: 478891

Ion Ratio Lower Upper

228 100

226 30.7 24.1 36.1

229 20.4 16.0 24.0

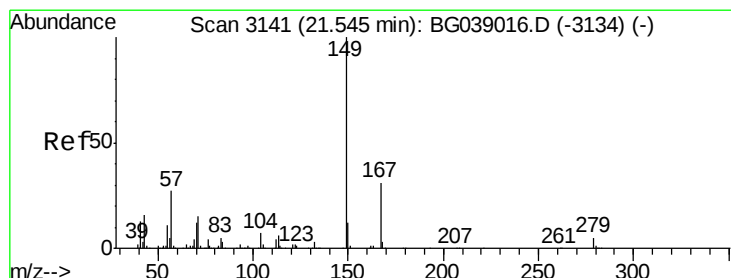
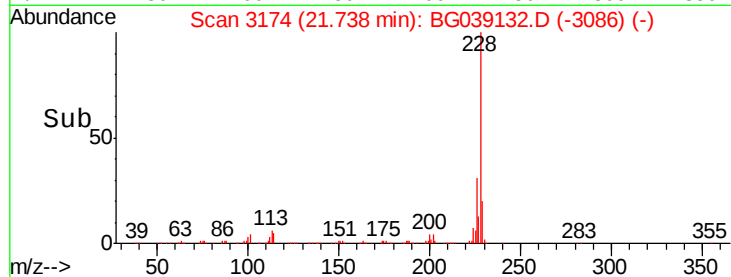
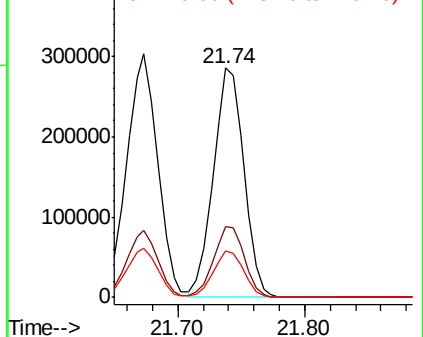


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.147 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

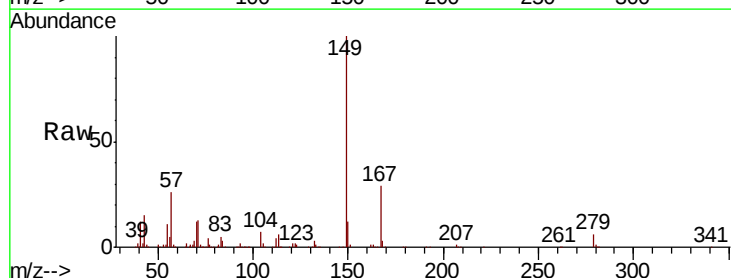
Tgt Ion:149 Resp: 271820

Ion Ratio Lower Upper

149 100

167 28.6 25.0 37.4

279 6.1 4.3 6.5

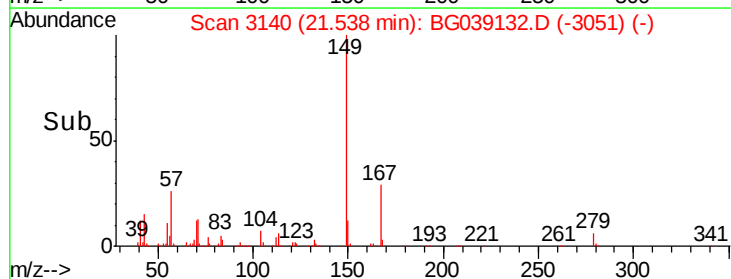
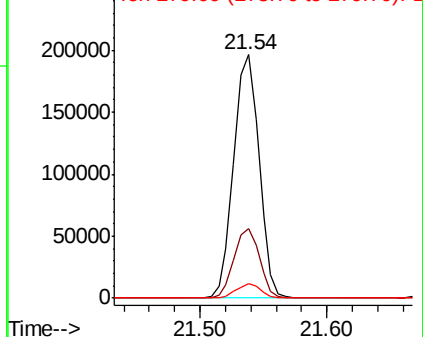


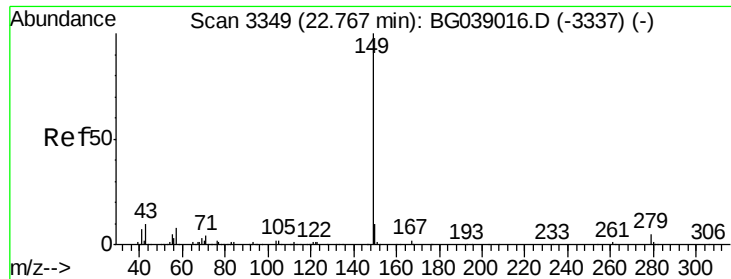
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.826 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

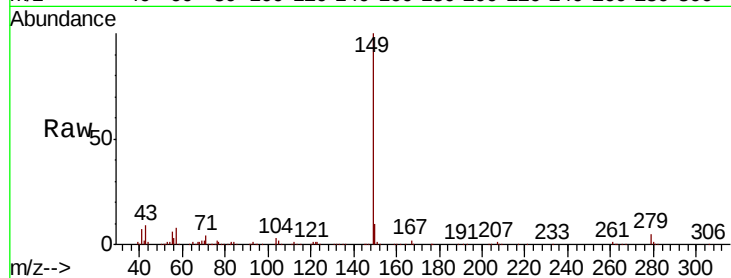
Tot Ion:149 Resp: 467593

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

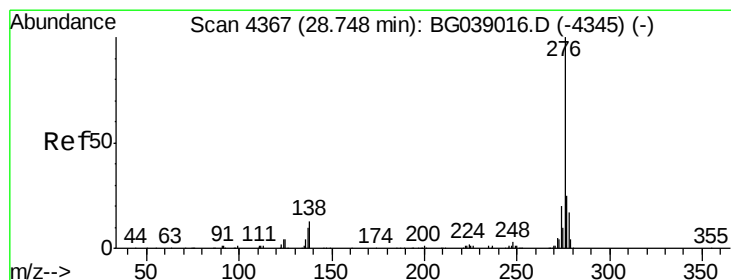
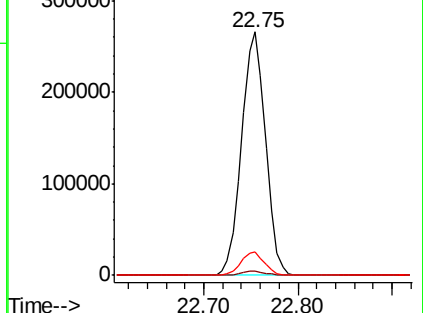
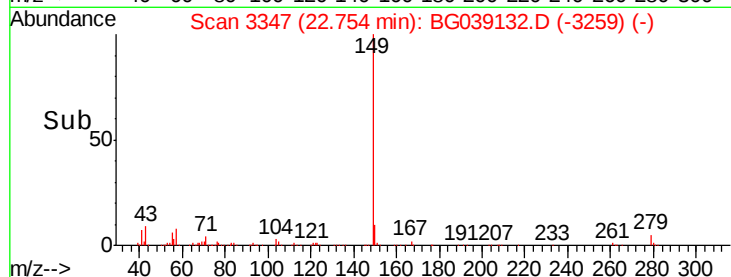
43 9.3 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.664 ng

RT: 28.73 min Scan# 4364

Delta R.T. -0.02 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

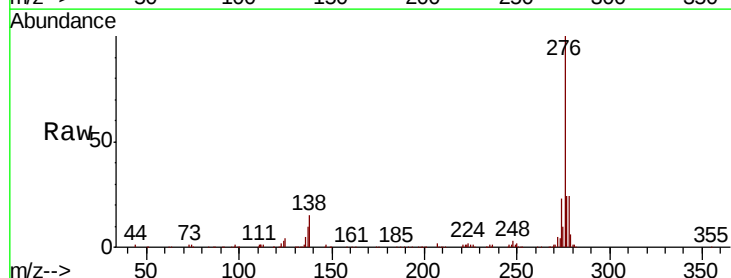
Tgt Ion:276 Resp: 680327

Ion Ratio Lower Upper

276 100

138 8.8 8.0 12.0

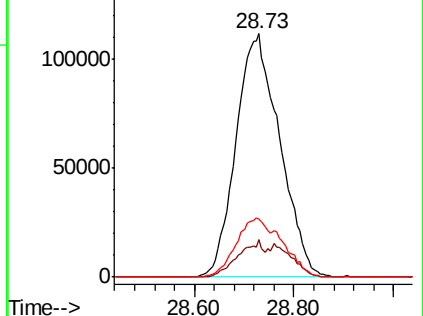
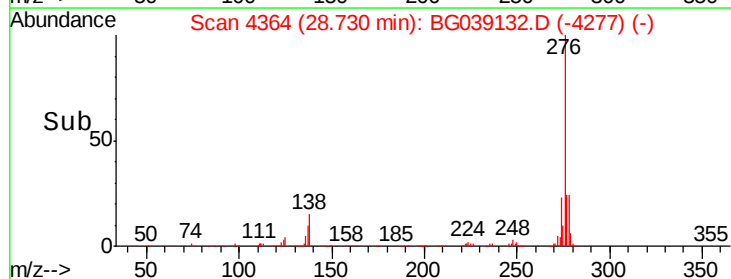
277 25.6 20.3 30.5

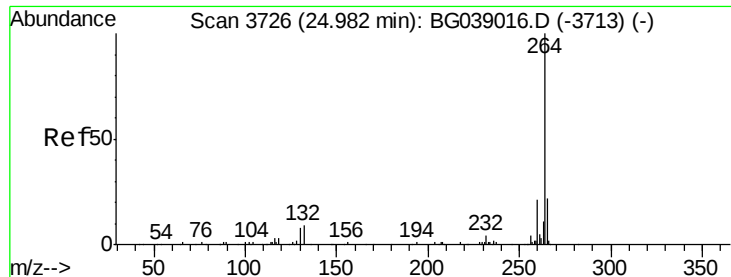


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

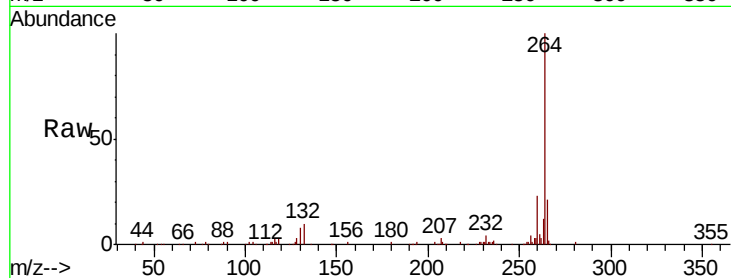
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 217317

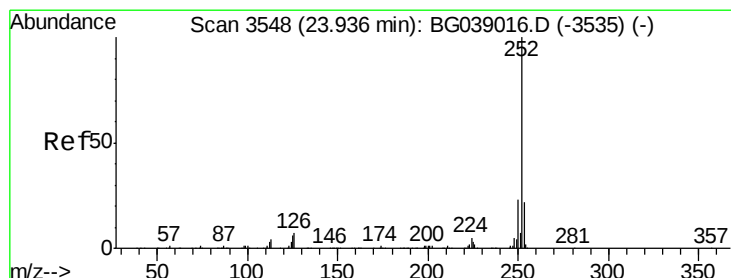
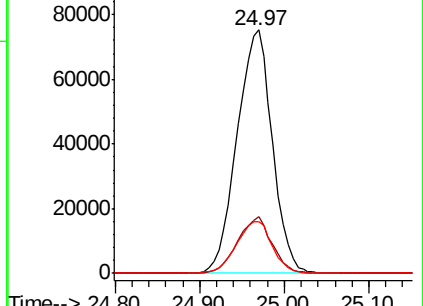
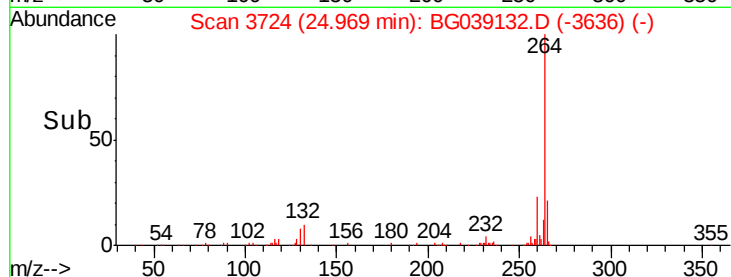
Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.0	25.6
265	21.2	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.463 ng

RT: 23.92 min Scan# 3545

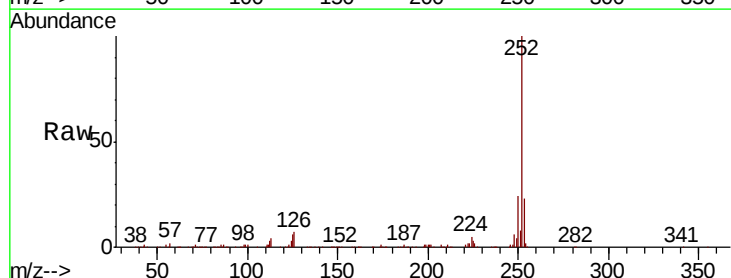
Delta R.T. -0.02 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Tgt Ion:252 Resp: 520805

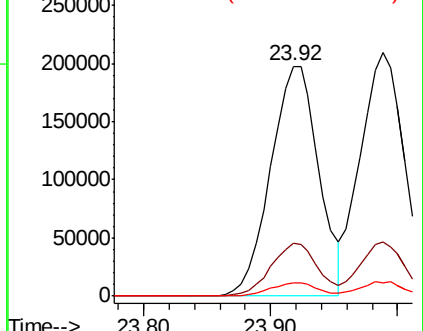
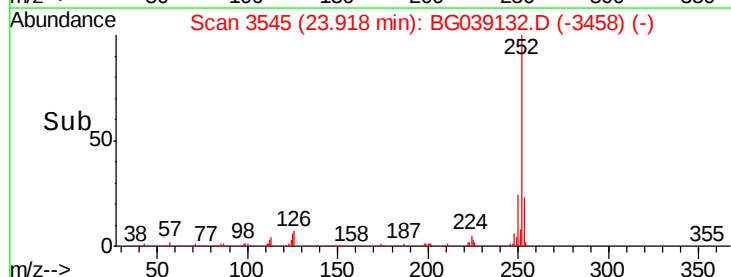
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	5.7	4.9	7.3

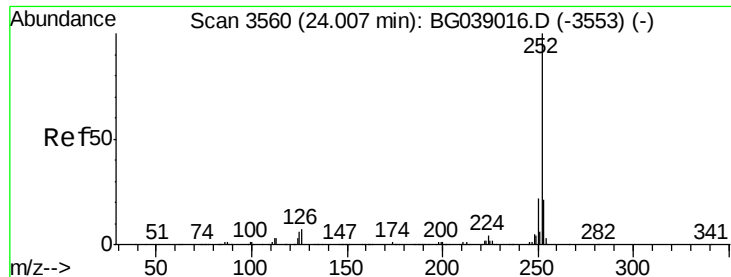


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.607 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.02 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

ClientSampled :

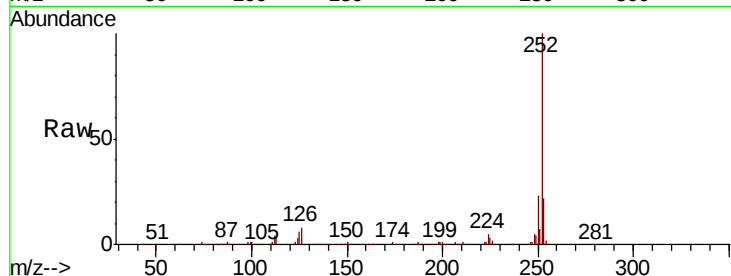
Tot Ion:252 Resp: 504790

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

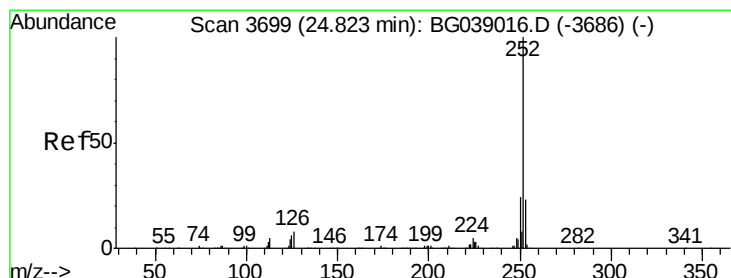
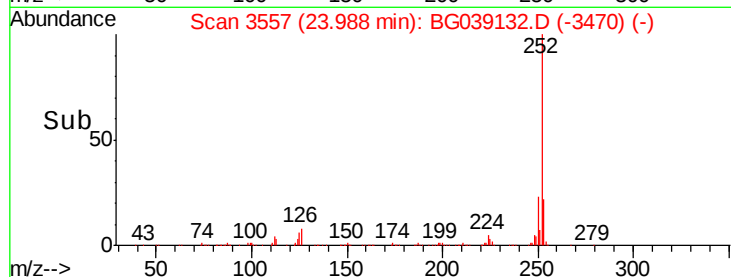
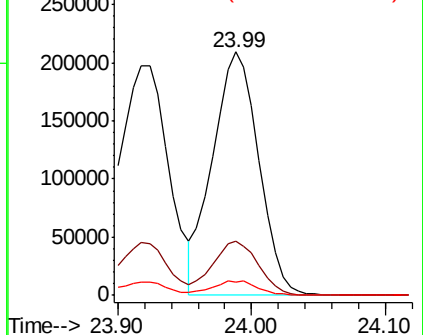
125 5.6 4.6 7.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.714 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

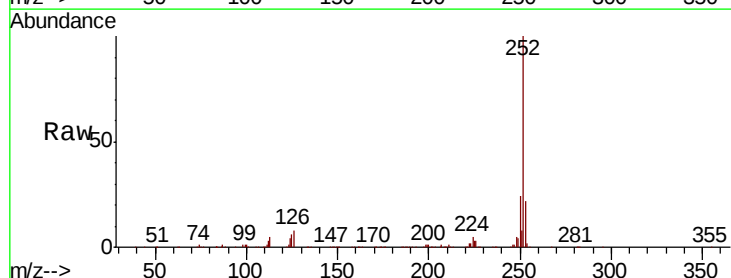
Tgt Ion:252 Resp: 506312

Ion Ratio Lower Upper

252 100

253 22.0 18.3 27.5

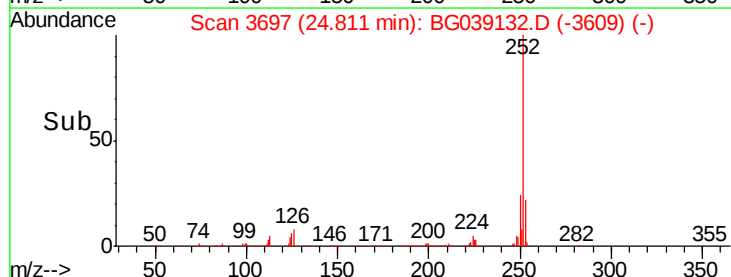
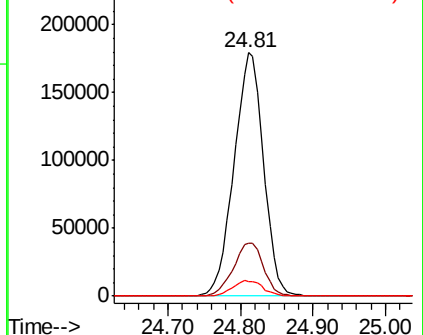
125 6.2 4.9 7.3

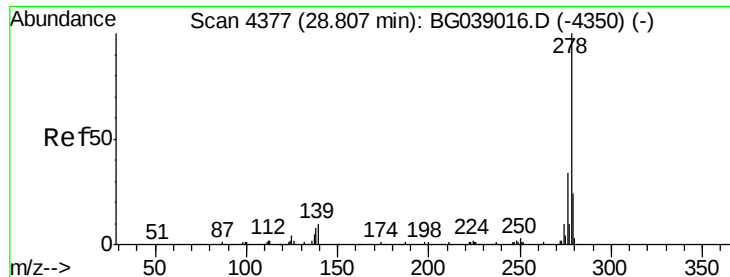


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

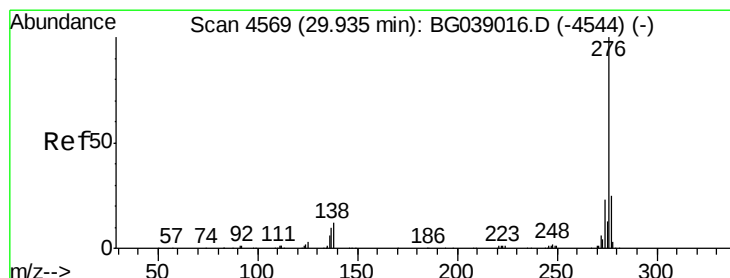
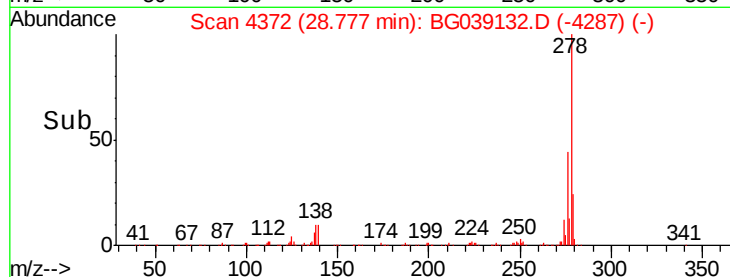
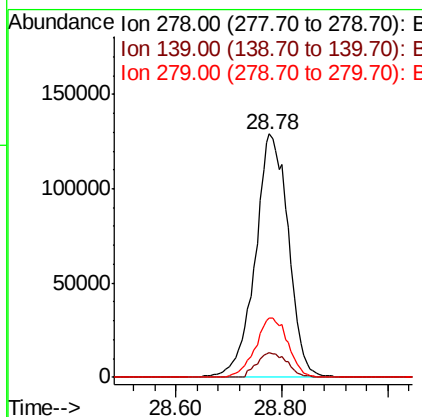
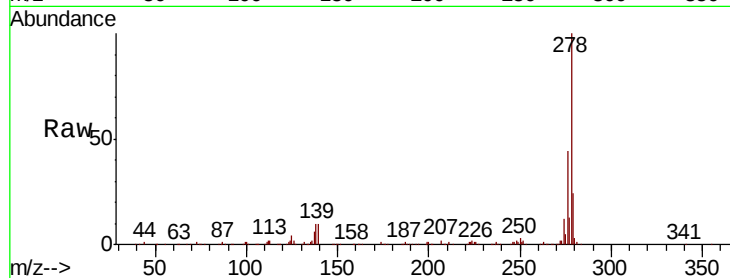




#91
Dibenzo(a,h)anthracene
Concen: 48.565 ng
RT: 28.78 min Scan# 4372
Delta R.T. -0.03 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.2	7.9	11.9
279	24.2	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 49.502 ng
RT: 29.90 min Scan# 4564
Delta R.T. -0.03 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.3	30.5
138	13.5	9.4	14.2

