

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011419\
 Data File : BG039124.D
 Acq On : 14 Jan 2019 17:11
 Operator : JU/SJ
 Sample : PB116353BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116353BSD

Quant Time: Jan 14 22:39:16 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	23029	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	106437	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	80513	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	198571	20.00	ng	0.00
76) Chrysene-d12	21.70	240	197996	20.00	ng	0.00
87) Perylene-d12	24.97	264	177335	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	173522	142.94	ng	0.00
7) Phenol-d6	7.19	99	241828	138.42	ng	0.00
23) Nitrobenzene-d5	9.20	82	123939	63.72	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	152361	112.89	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	368517	62.64	ng	0.00
79) Terphenyl-d14	20.02	244	715518	66.85	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	20339	42.783	ng	95
3) Pyridine	3.86	79	38702	29.961	ng	98
4) n-Nitrosodimethylamine	3.78	42	25590	44.023	ng	94
6) Aniline	7.35	93	74521	35.517	ng	97
8) 2-Chlorophenol	7.59	128	74857	52.310	ng	96
9) Benzaldehyde	7.17	77	5538	5.497	ng	93
10) Phenol	7.21	94	94279	53.825	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	58271	43.528	ng	99
12) 1,3-Dichlorobenzene	7.91	146	66856	38.993	ng	98
13) 1,4-Dichlorobenzene	8.06	146	70941	40.854	ng	99
14) 1,2-Dichlorobenzene	8.38	146	68598	41.433	ng	95
15) Benzyl Alcohol	8.27	79	67427	51.249	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	111175	43.309	ng	97
17) 2-Methylphenol	8.47	107	66406	54.599	ng	98
18) Hexachloroethane	9.10	117	23637	40.068	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	51629	45.002	ng	# 93
20) 3+4-Methylphenols	8.80	107	90044	51.926	ng	# 97
22) Acetophenone	8.86	105	107949	38.836	ng	# 95
24) Nitrobenzene	9.25	77	80243	40.814	ng	98
25) Isophorone	9.76	82	155615	46.444	ng	98
26) 2-Nitrophenol	9.96	139	45557	42.839	ng	98
27) 2,4-Dimethylphenol	10.00	122	77792	51.995	ng	88
28) bis(2-Chloroethoxy)methane	10.24	93	86818	43.113	ng	96
29) 2,4-Dichlorophenol	10.49	162	91516	49.237	ng	94
30) 1,2,4-Trichlorobenzene	10.70	180	87766	39.299	ng	96
31) Naphthalene	10.89	128	235990	44.207	ng	99
32) Benzoic acid	10.19	122	32508	37.822	ng	94
33) 4-Chloroaniline	11.01	127	69923	29.273	ng	98
34) Hexachlorobutadiene	11.15	225	57343	37.316	ng	96
35) Caprolactam	11.81	113	20889	28.026	ng	94
36) 4-Chloro-3-methylphenol	12.13	107	94414	47.493	ng	92
37) 2-Methylnaphthalene	12.49	142	188488	47.095	ng	97
38) 1-Methylnaphthalene	12.71	142	180971	47.108	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	122614	40.551	ng	99

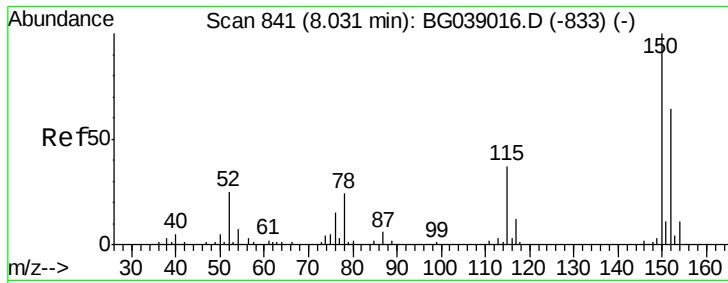
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011419\
 Data File : BG039124.D
 Acq On : 14 Jan 2019 17:11
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 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	112745	67.193	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	84519	44.412	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	90558	45.023	ng	97
46) 1,1'-Biphenyl	13.50	154	255193	40.001	ng	99
47) 2-Chloronaphthalene	13.55	162	208707	40.427	ng	97
48) 2-Nitroaniline	13.76	65	63364	43.810	ng	95
49) Acenaphthylene	14.39	152	340146	43.835	ng	100
50) Dimethylphthalate	14.12	163	284346	41.793	ng	99
51) 2,6-Dinitrotoluene	14.25	165	63206	41.552	ng	99
52) Acenaphthene	14.73	154	193862	41.582	ng	97
53) 3-Nitroaniline	14.59	138	47268	30.632	ng	# 99
54) 2,4-Dinitrophenol	14.80	184	67355	74.462	ng	95
55) Dibenzofuran	15.07	168	341110	41.427	ng	100
56) 4-Nitrophenol	14.90	139	88600	79.799	ng	94
57) 2,4-Dinitrotoluene	15.04	165	89240	40.892	ng	93
58) Fluorene	15.71	166	274286	44.254	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	89312	47.039	ng	95
60) Diethylphthalate	15.47	149	286107	40.814	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	156296	40.027	ng	96
62) 4-Nitroaniline	15.76	138	58915	36.650	ng	96
63) Azobenzene	16.00	77	221311	40.371	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	55961	38.039	ng	93
66) n-Nitrosodiphenylamine	15.92	169	249385	42.365	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	107877	42.263	ng	95
68) Hexachlorobenzene	16.71	284	112067	40.235	ng	96
69) Atrazine	16.87	200	95461	38.173	ng	96
70) Pentachlorophenol	17.07	266	111935	66.129	ng	96
71) Phenanthrene	17.46	178	460113	43.838	ng	100
72) Anthracene	17.55	178	457656	44.100	ng	99
73) Carbazole	17.82	167	397453	38.797	ng	98
74) Di-n-butylphthalate	18.35	149	461554	40.499	ng	98
75) Fluoranthene	19.47	202	546089	41.970	ng	99
77) Benzidine	19.65	184	170497	28.154	ng	99
78) Pyrene	19.83	202	535818	42.464	ng	99
80) Butylbenzylphthalate	20.70	149	200899	41.862	ng	99
81) Benzo(a)anthracene	21.67	228	531253	44.077	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	164130	33.421	ng	99
83) Chrysene	21.74	228	496049	43.272	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	279233	41.904	ng	97
85) Di-n-octyl phthalate	22.75	149	476926	42.327	ng	99
86) Indeno(1,2,3-cd)pyrene	28.73	276	690504	50.410	ng	100
88) Benzo(b)fluoranthene	23.92	252	533280	54.537	ng	99
89) Benzo(k)fluoranthene	23.99	252	516975	53.473	ng	98
90) Benzo(a)pyrene	24.82	252	517007	54.702	ng	99
91) Dibenzo(a,h)anthracene	28.78	278	562330	59.816	ng	99
92) Benzo(g,h,i)perylene	29.91	276	586681	63.037	ng	95

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

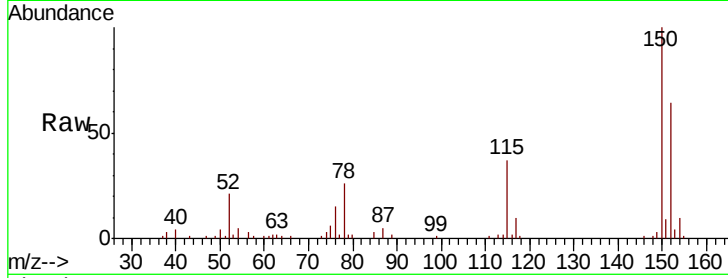


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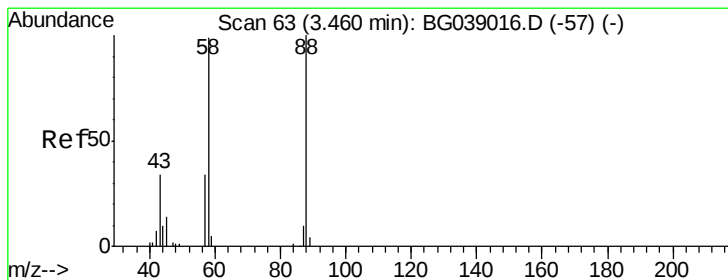
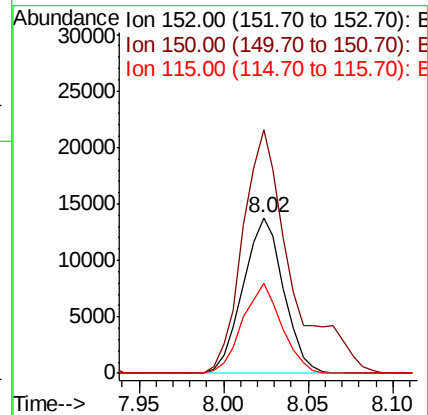
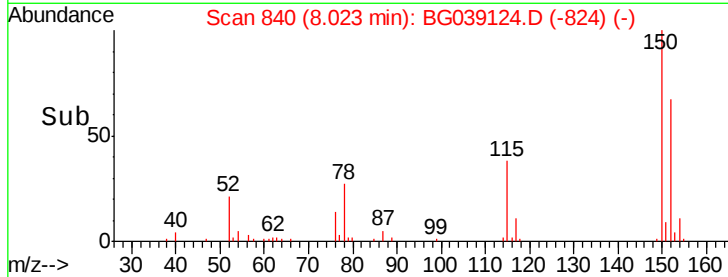
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

Instrument :
BNA_G
ClientSampleId :
PB116353BSD

Tgt Ion:152 Resp: 23029
Ion Ratio Lower Upper
152 100
150 156.3 124.7 187.1
115 57.4 46.5 69.7



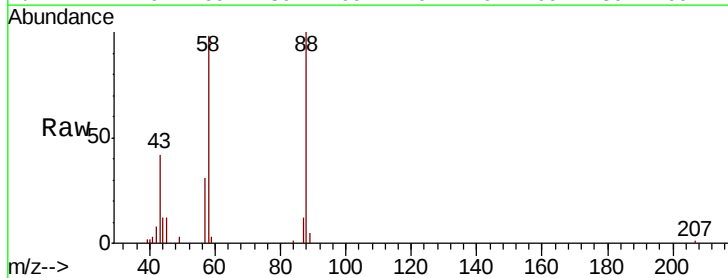
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



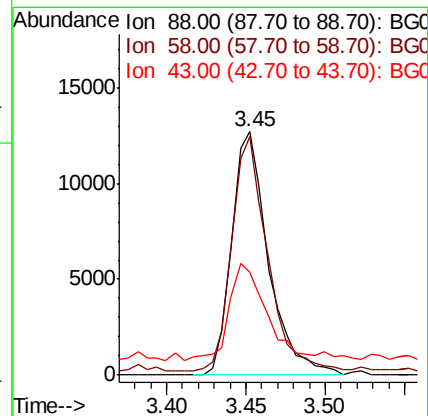
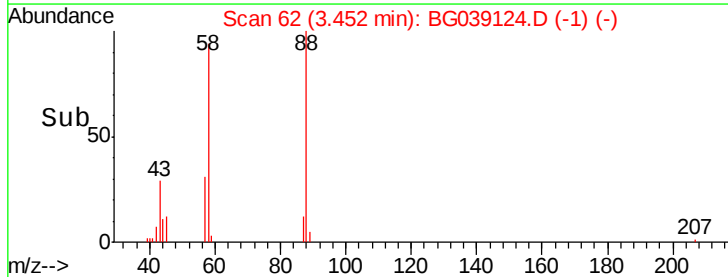
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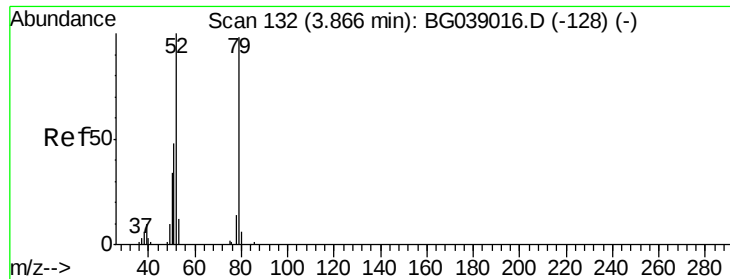
1,4-Dioxane
Concen: 42.783 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.01 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

Tgt Ion: 88 Resp: 20339
Ion Ratio Lower Upper
88 100
58 93.9 72.4 108.6
43 40.1 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

Pyridine

Concen: 29.961 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB116353BSD

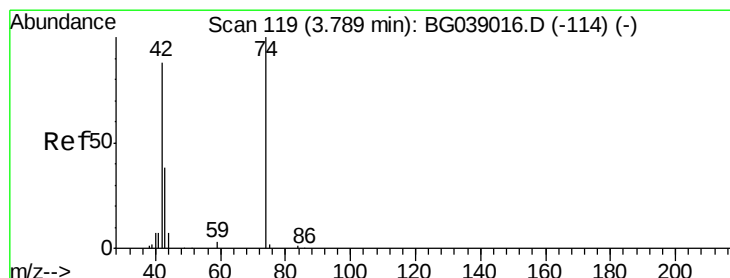
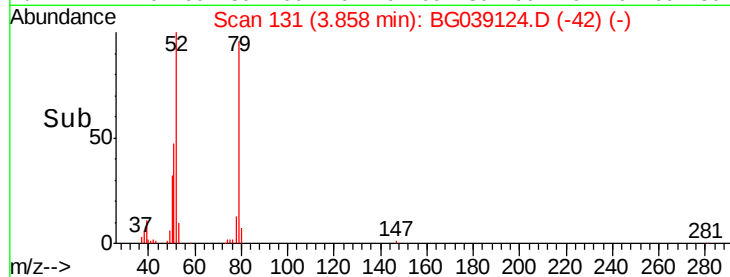
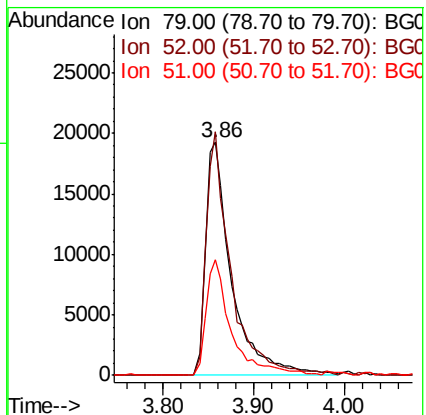
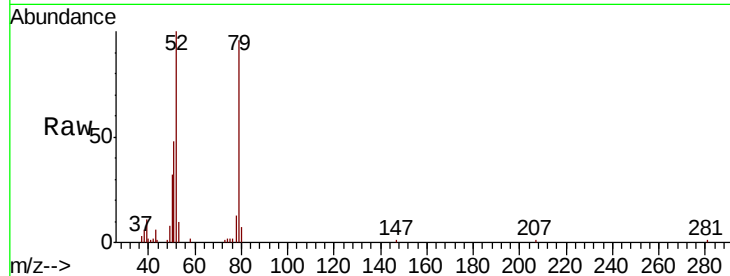
Tgt Ion: 79 Resp: 38702

Ion Ratio Lower Upper

79 100

52 104.4 81.5 122.3

51 49.8 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 44.023 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

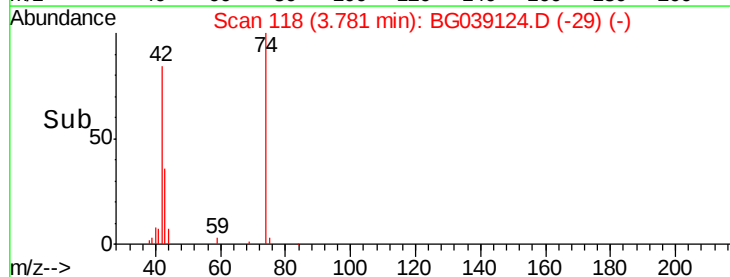
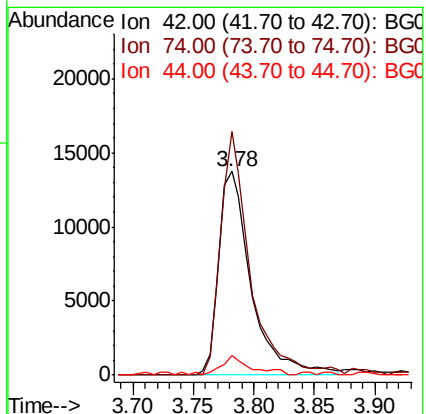
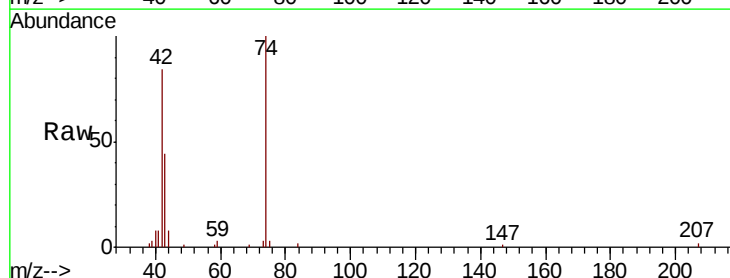
Tgt Ion: 42 Resp: 25590

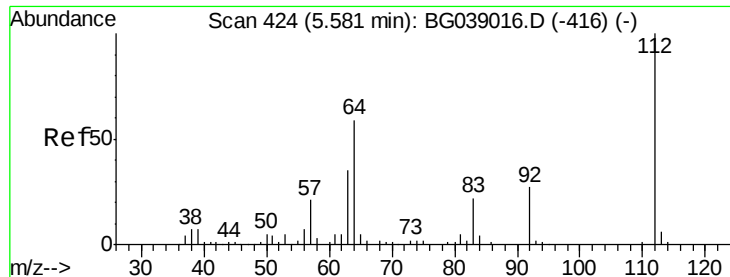
Ion Ratio Lower Upper

42 100

74 119.5 90.7 136.1

44 9.5 6.5 9.7





#5

2-Fluorophenol

Concen: 142.936 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB116353BSD

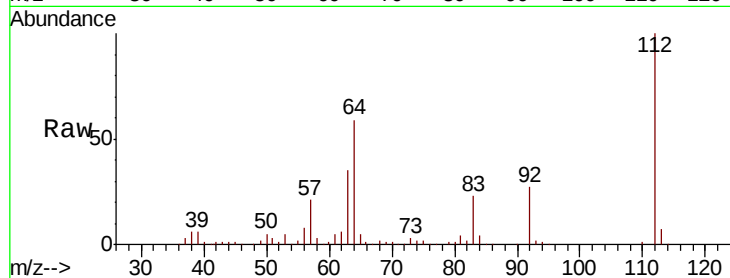
Tgt Ion: 112 Resp: 173522

Ion Ratio Lower Upper

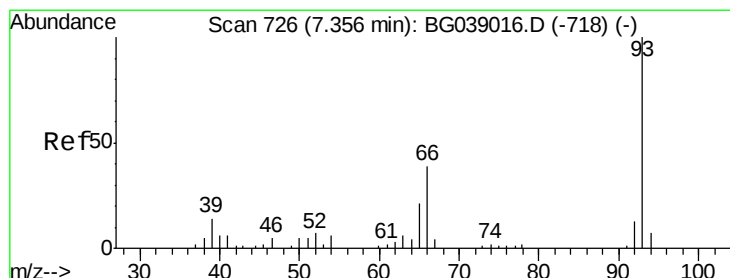
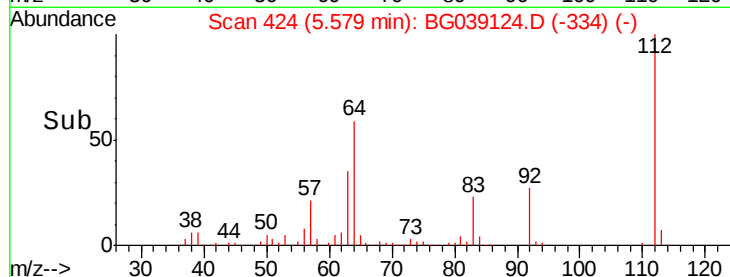
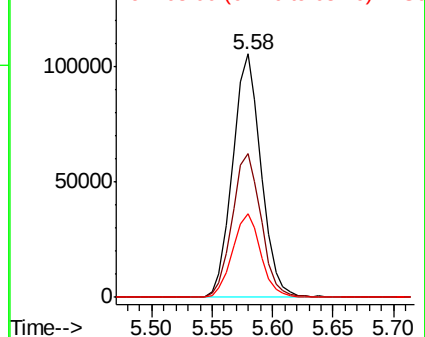
112 100

64 59.2 47.0 70.6

63 34.6 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: 35.517 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

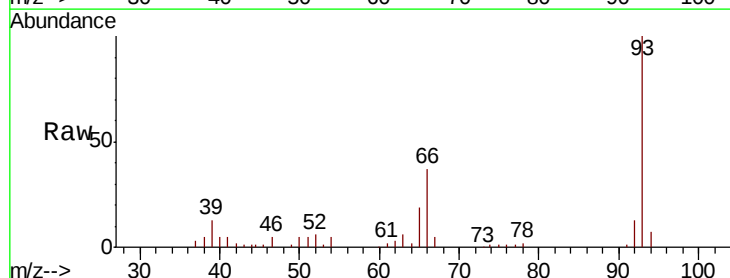
Tgt Ion: 93 Resp: 74521

Ion Ratio Lower Upper

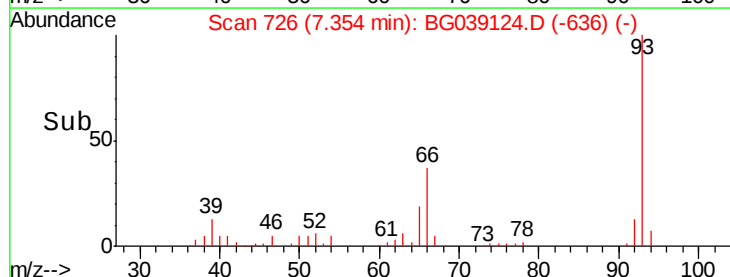
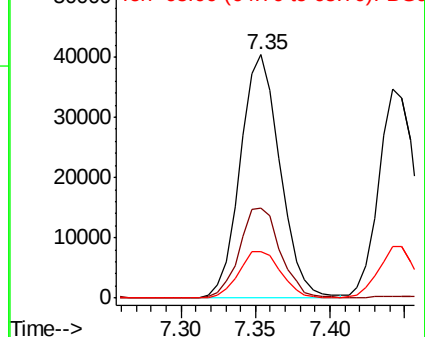
93 100

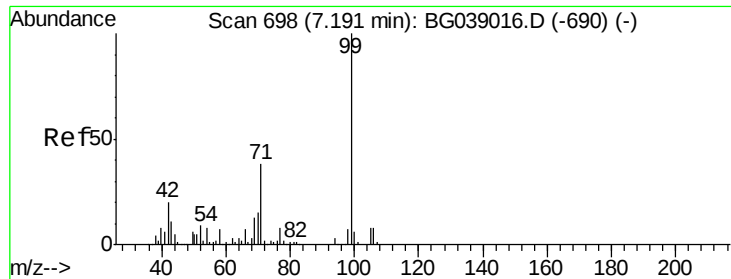
66 37.2 30.9 46.3

65 19.1 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: 138.419 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB116353BSD

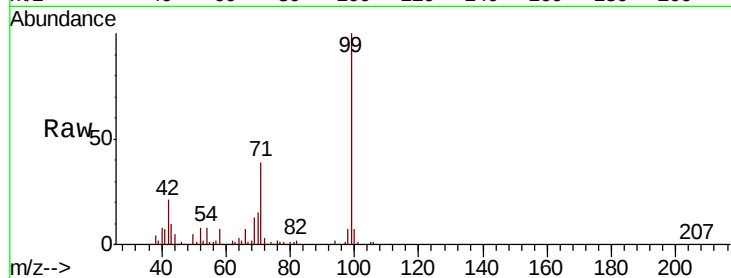
Tgt Ion: 99 Resp: 241828

Ion Ratio Lower Upper

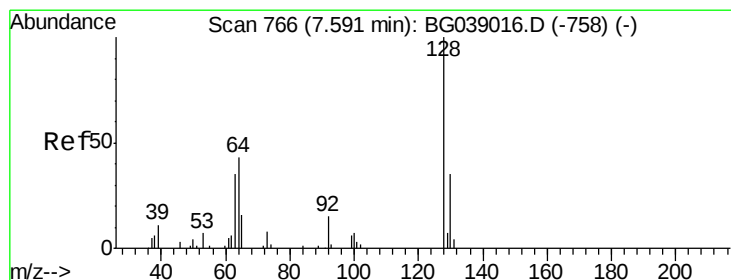
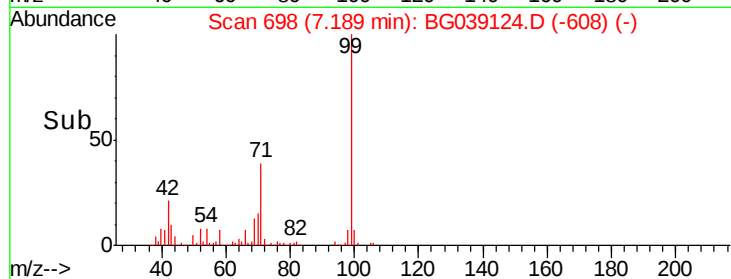
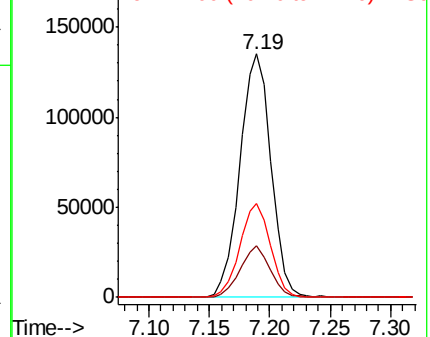
99 100

42 21.4 15.8 23.6

71 38.6 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: 52.310 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

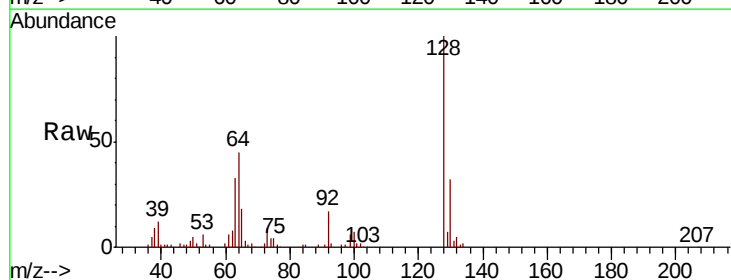
Tgt Ion: 128 Resp: 74857

Ion Ratio Lower Upper

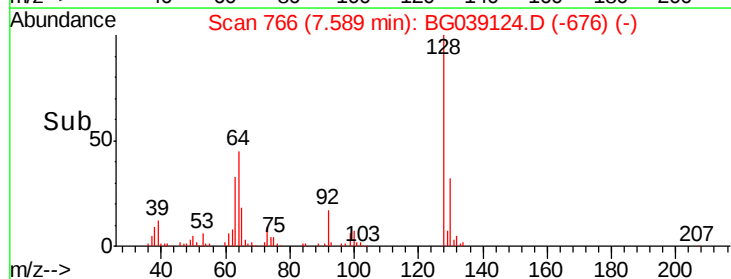
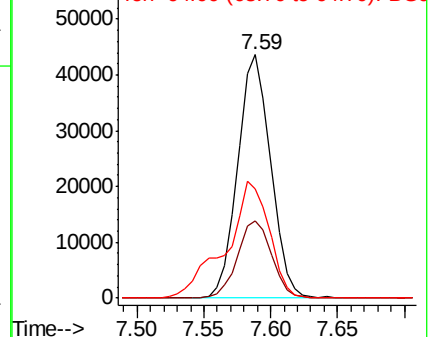
128 100

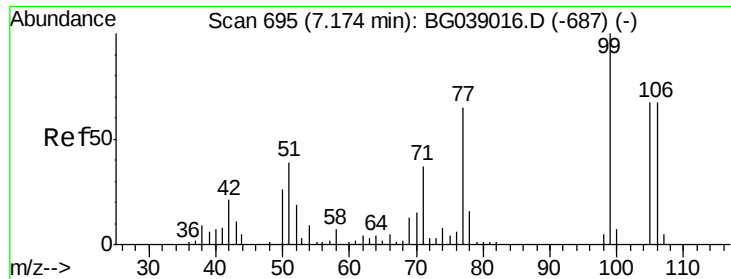
130 31.5 14.5 54.5

64 44.7 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: 5.497 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB116353BSD

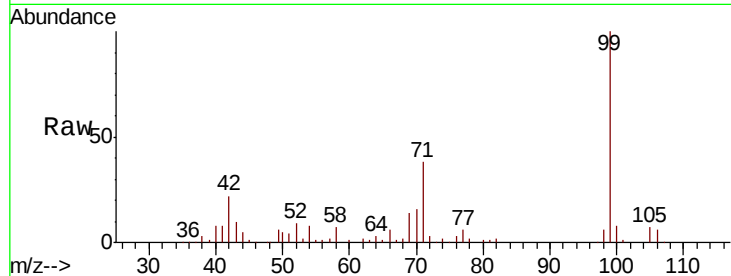
Tgt Ion: 77 Resp: 5538

Ion Ratio Lower Upper

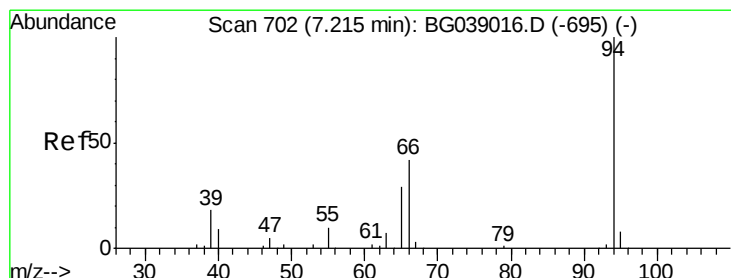
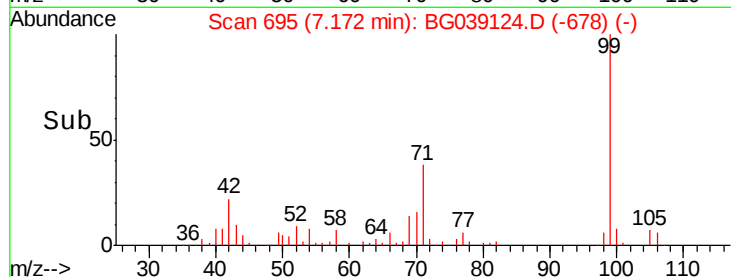
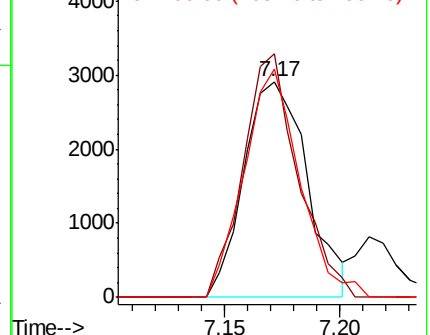
77 100

105 113.0 82.4 122.4

106 105.9 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



#10

Phenol

Concen: 53.825 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

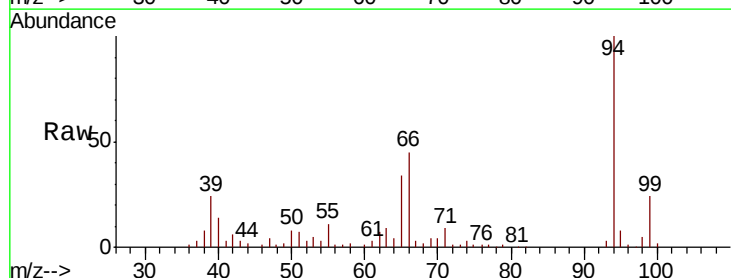
Tgt Ion: 94 Resp: 94279

Ion Ratio Lower Upper

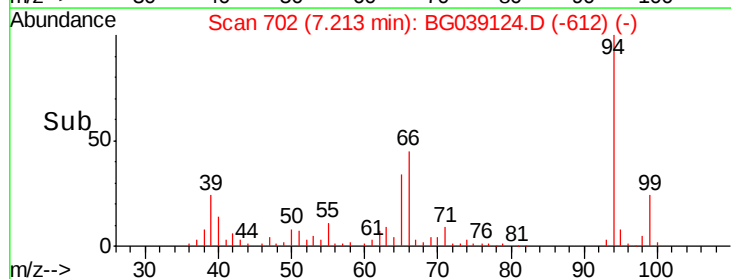
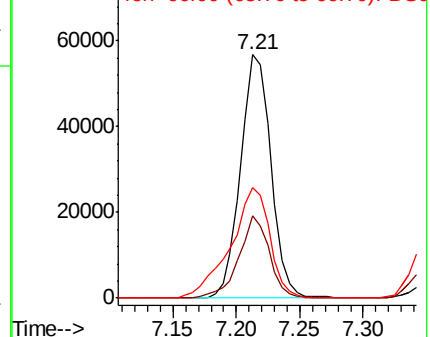
94 100

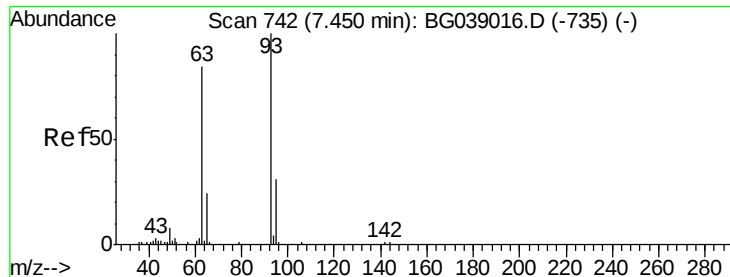
65 33.7 10.3 50.3

66 45.2 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

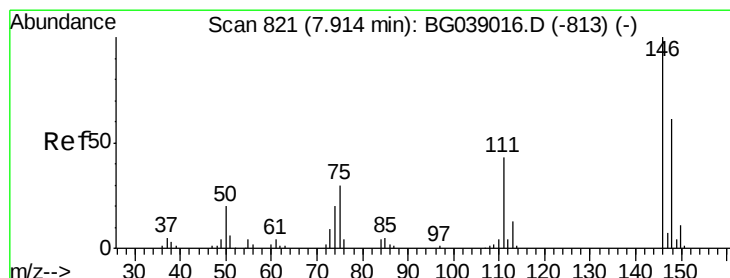
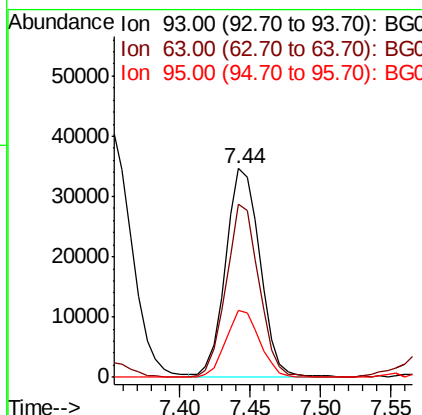
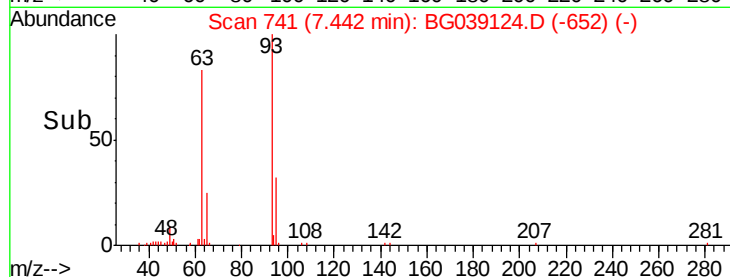
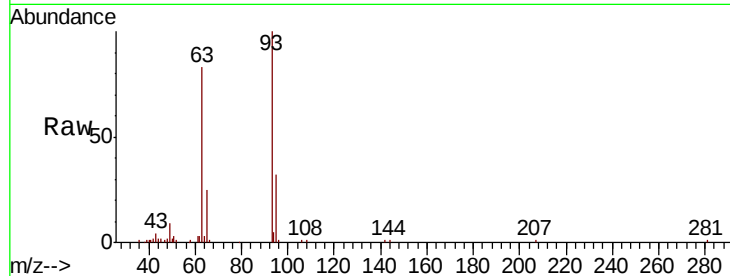




#11
bis(2-Chloroethyl)ether
Concen: 43.528 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.01 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

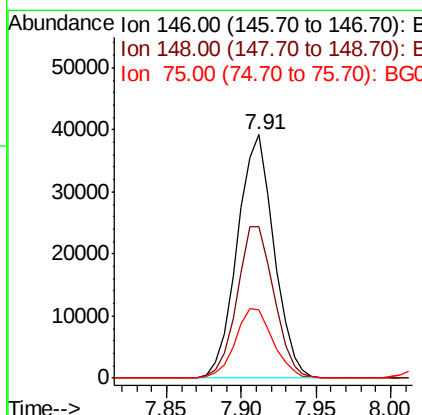
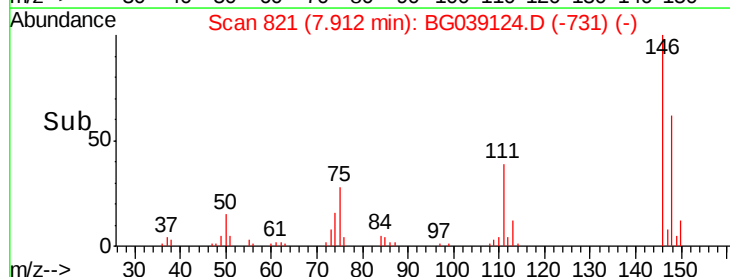
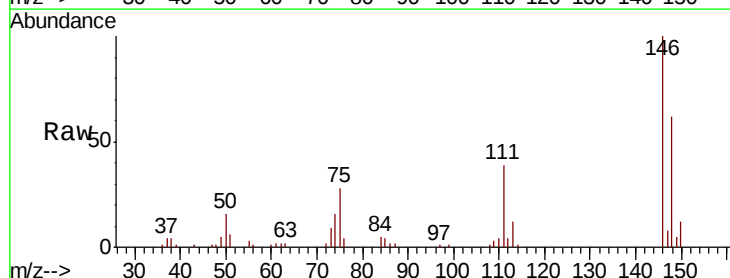
Instrument :
BNA_G
ClientSampleId :
PB116353BSD

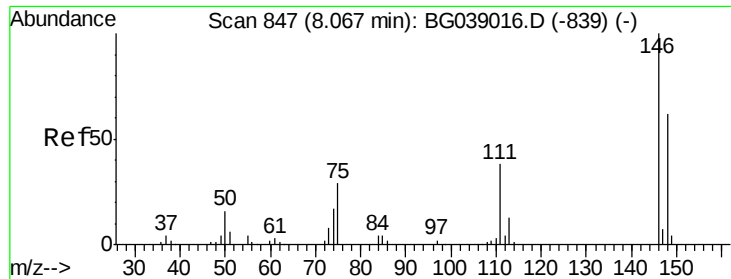
Tgt Ion: 93 Resp: 58271
Ion Ratio Lower Upper
93 100
63 83.2 63.2 103.2
95 32.4 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 38.993 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

Tgt Ion: 146 Resp: 66856
Ion Ratio Lower Upper
146 100
148 62.3 49.1 73.7
75 28.0 23.9 35.9

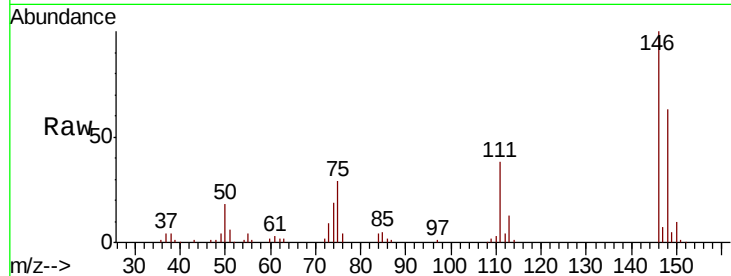




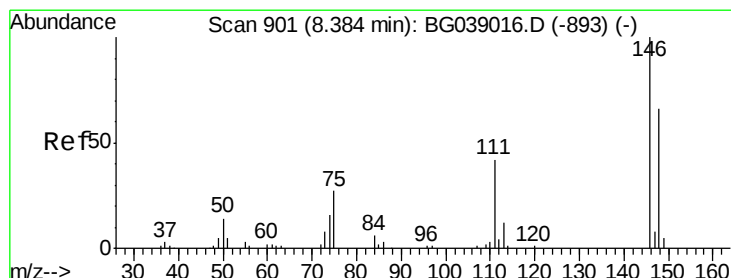
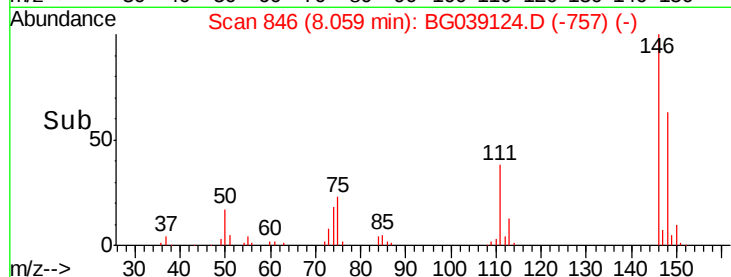
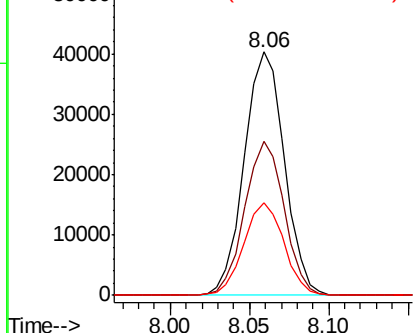
#13
 1,4-Dichlorobenzene
 Concen: 40.854 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB116353BSD

Tgt Ion:146 Resp: 70941
 Ion Ratio Lower Upper
 146 100
 148 63.5 49.8 74.6
 111 38.3 30.6 45.8

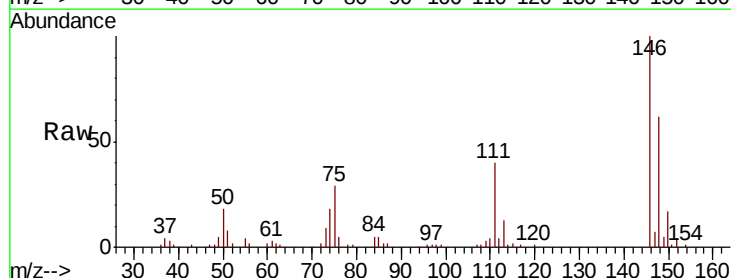


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

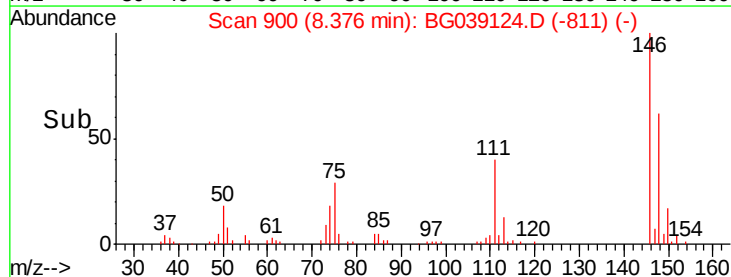
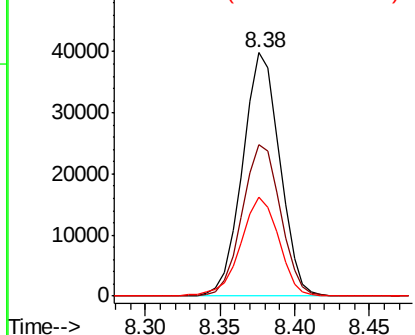


#14
 1,2-Dichlorobenzene
 Concen: 41.433 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

Tgt Ion:146 Resp: 68598
 Ion Ratio Lower Upper
 146 100
 148 62.0 52.6 79.0
 111 40.4 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: 51.249 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB116353BSD

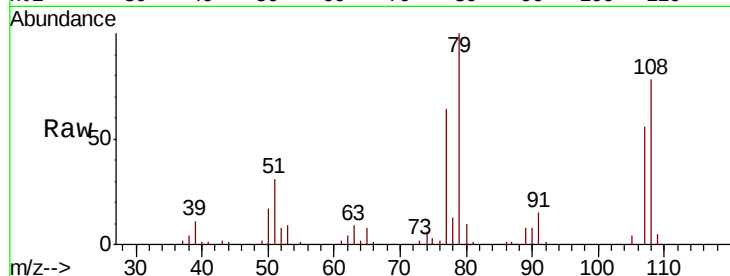
Tgt Ion: 79 Resp: 67427

Ion Ratio Lower Upper

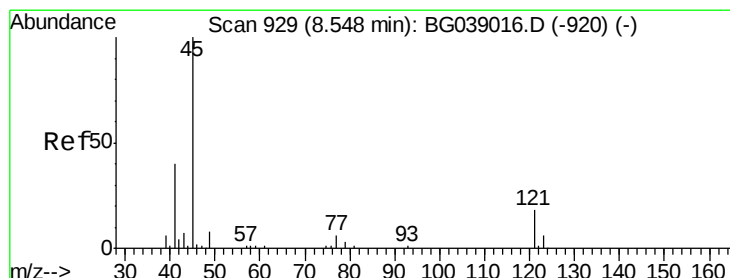
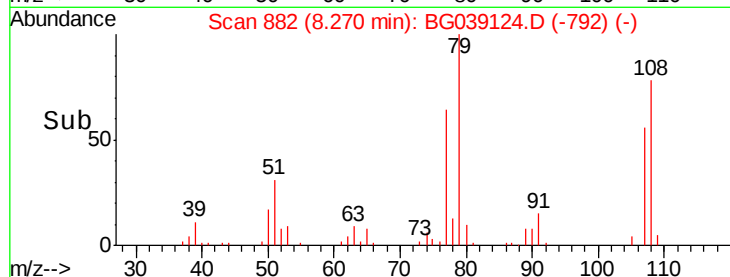
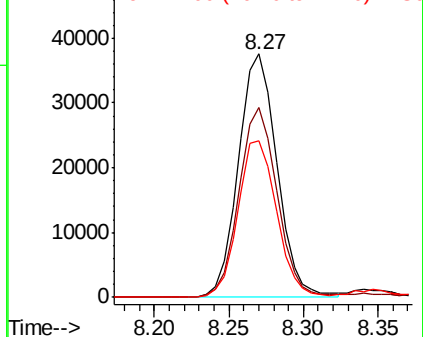
79 100

108 78.1 62.0 93.0

77 64.5 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: 43.309 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

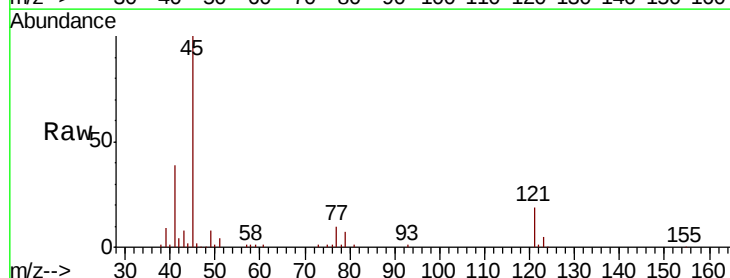
Tgt Ion: 45 Resp: 111175

Ion Ratio Lower Upper

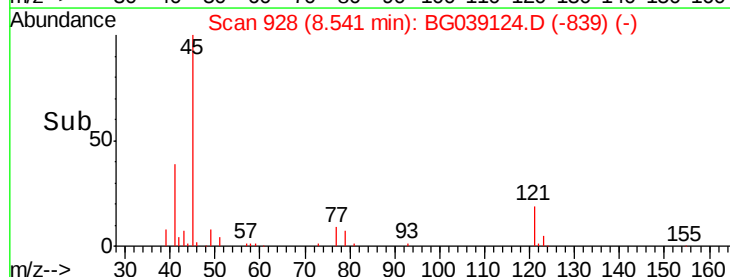
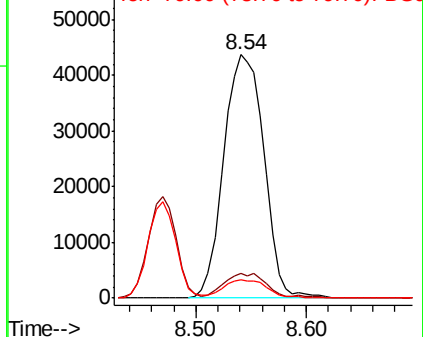
45 100

77 10.0 0.0 30.7

79 7.3 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

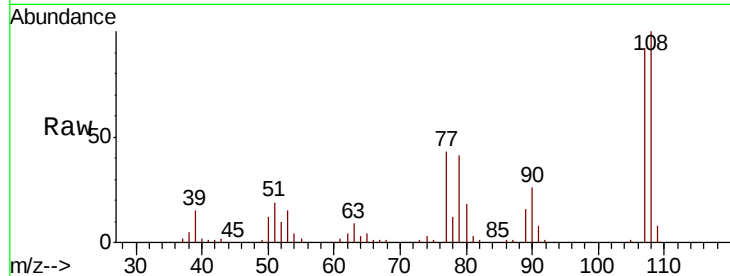




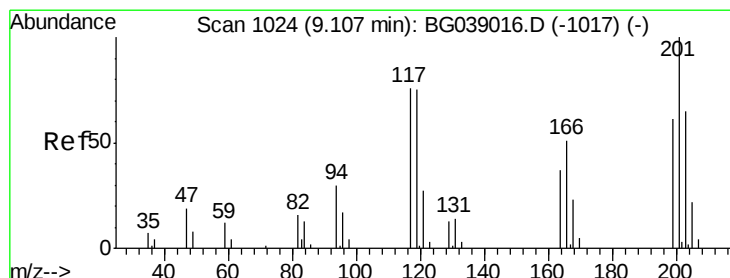
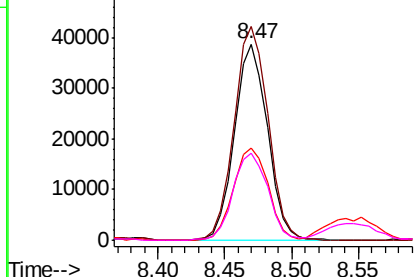
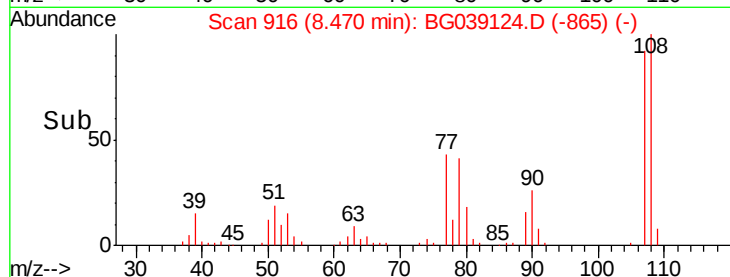
#17
2-Methylphenol
Concen: 54.599 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

Instrument :
BNA_G
ClientSampleId :
PB116353BSD

Tgt Ion:107 Resp: 66406
Ion Ratio Lower Upper
107 100
108 109.1 90.3 135.5
77 47.2 38.3 57.5
79 44.5 35.8 53.6

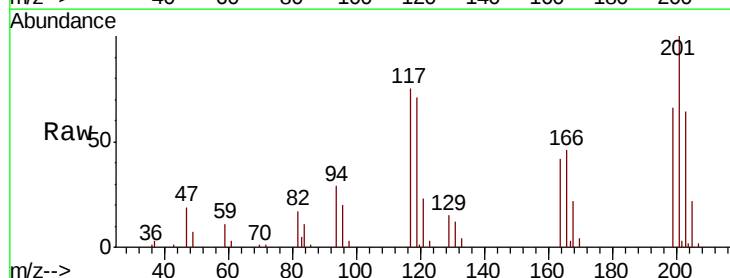


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

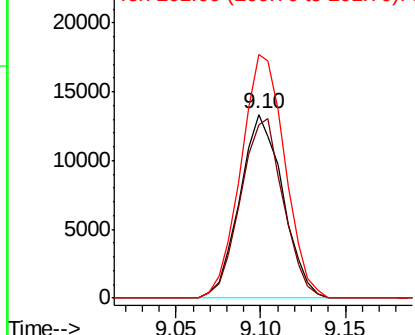
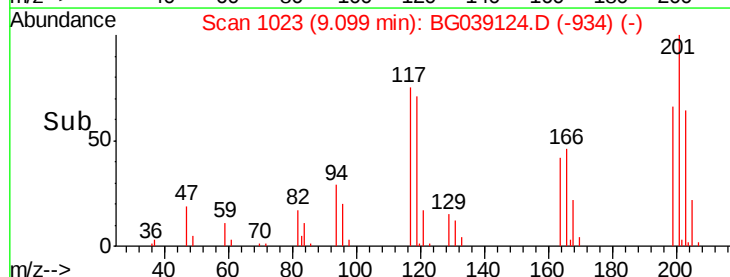


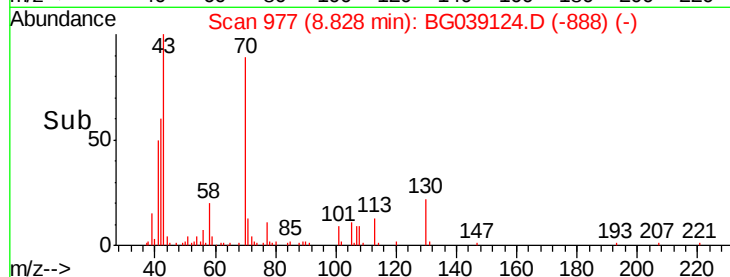
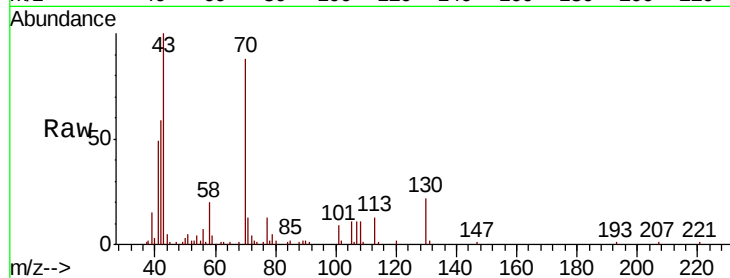
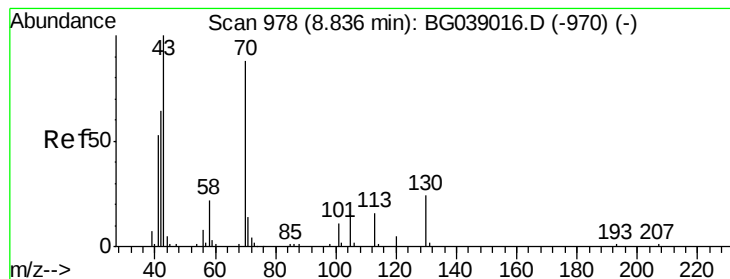
#18
Hexachloroethane
Concen: 40.068 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

Tgt Ion:117 Resp: 23637
Ion Ratio Lower Upper
117 100
119 94.6 78.7 118.1
201 132.5 108.1 162.1



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: 45.002 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB116353BSD

Tgt Ion: 70 Resp: 51629

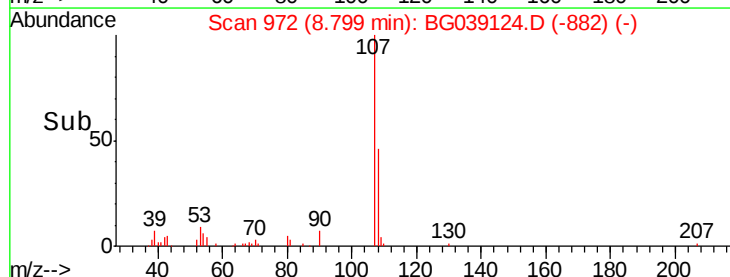
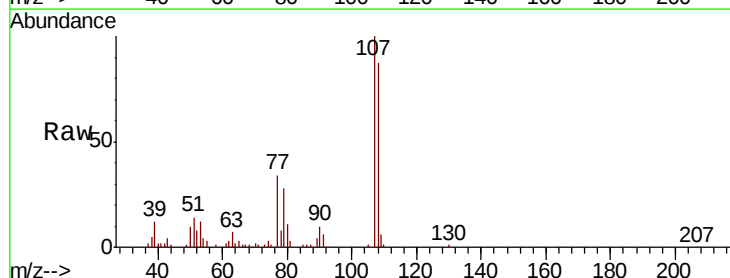
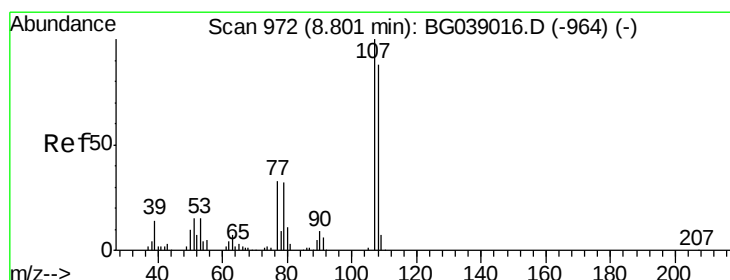
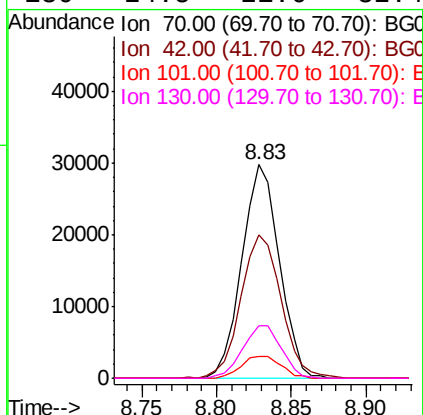
Ion Ratio Lower Upper

70 100

42 67.2 59.0 88.4

101 10.2 10.4 15.6#

130 24.5 21.6 32.4



#20

3+4-Methylphenols

Concen: 51.926 ng

RT: 8.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Tgt Ion: 107 Resp: 90044

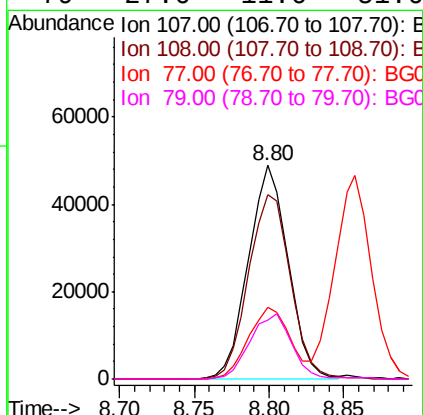
Ion Ratio Lower Upper

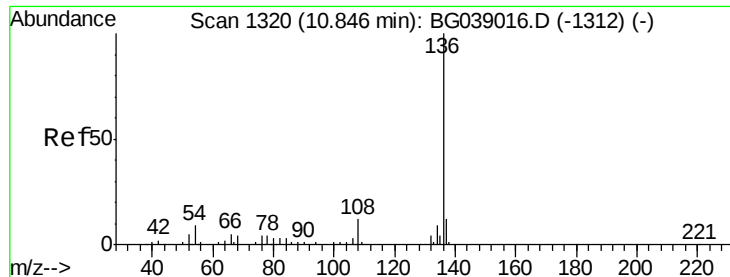
107 100

108 86.5 68.4 108.4

77 33.6 13.3 53.3

79 27.6 11.6 51.6

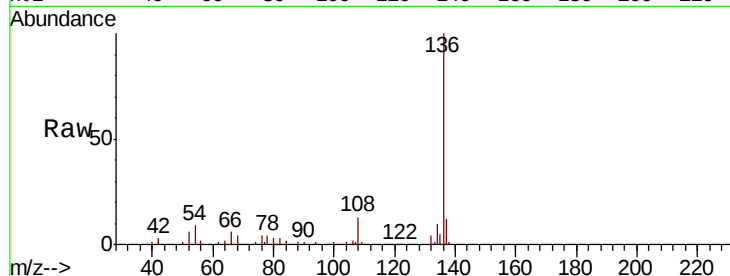




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

Instrument :
BNA_G
ClientSampleId :
PB116353BSD

Tgt Ion:	136	Resp:	106437
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.2
54	9.2	7.2	10.8
68	4.3	3.5	5.3



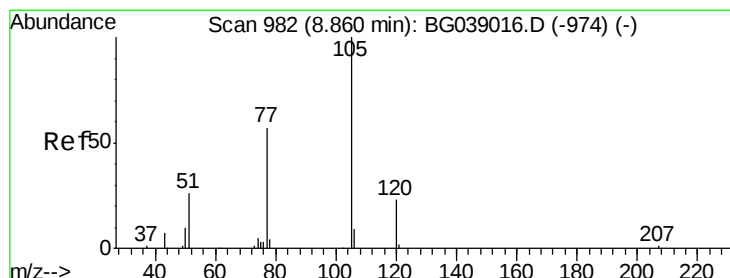
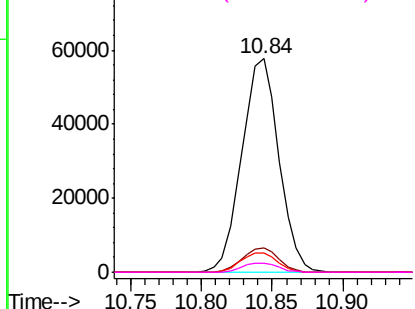
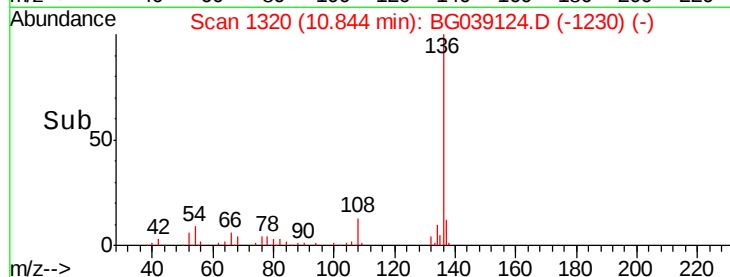
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

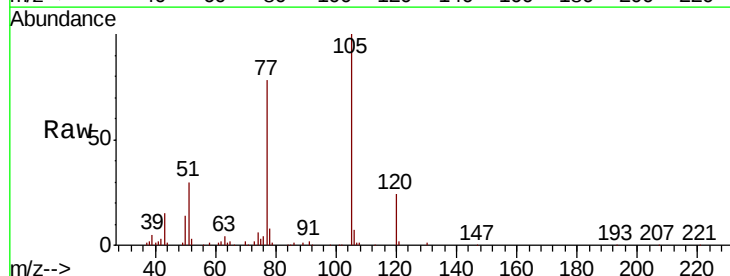
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.836 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

Tgt Ion:	105	Resp:	107949
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.6	1.0#
51	30.4	26.6	39.8
120	24.4	17.9	26.9



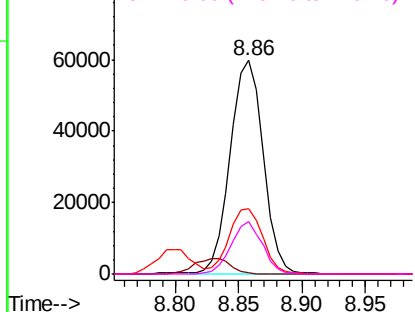
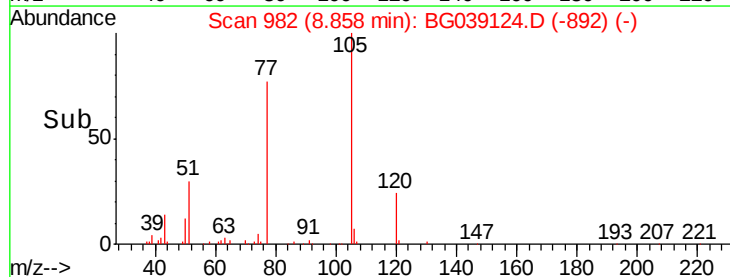
Abundance

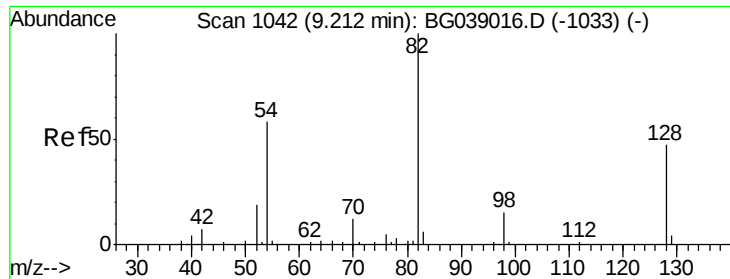
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

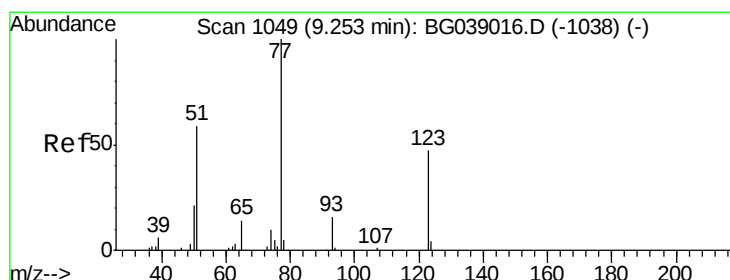
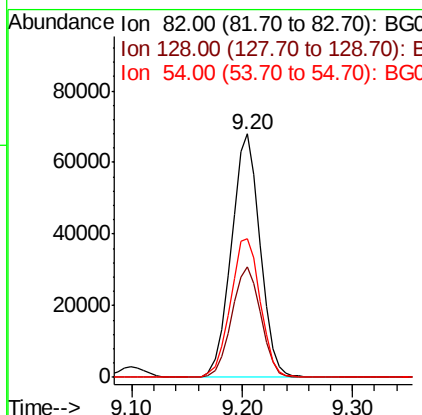
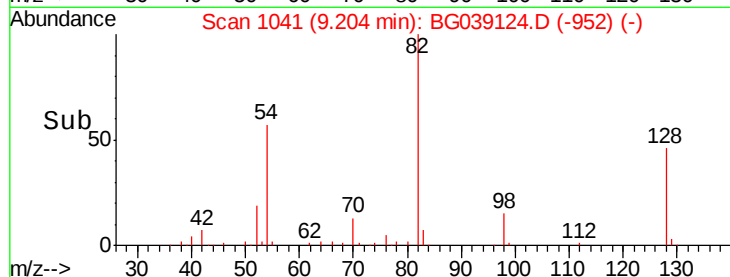
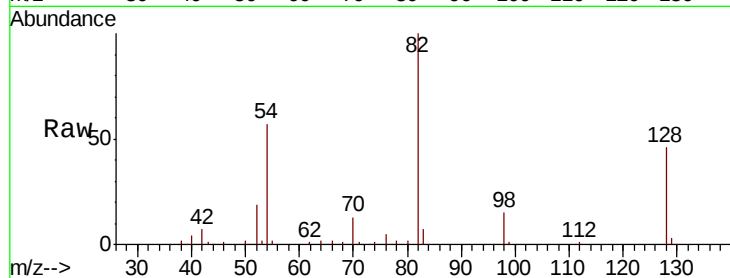




#23
 Nitrobenzene-d5
 Concen: 63.717 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

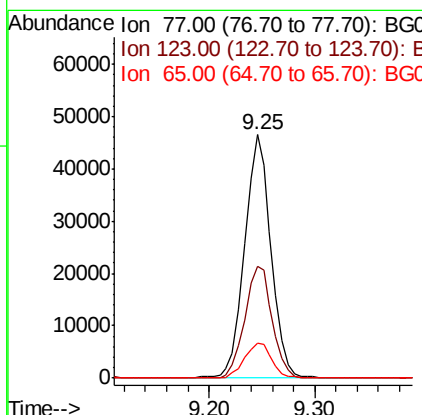
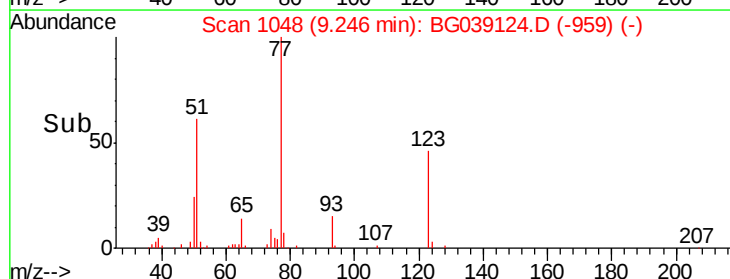
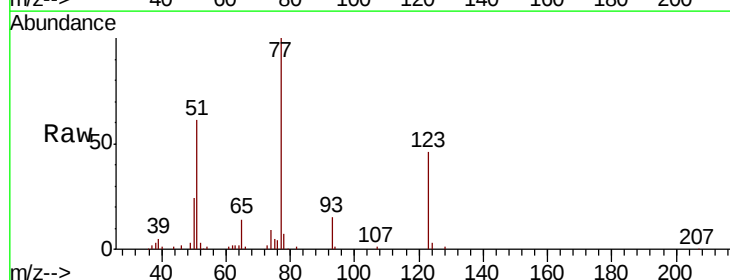
Instrument :
 BNA_G
 ClientSampleId :
 PB116353BSD

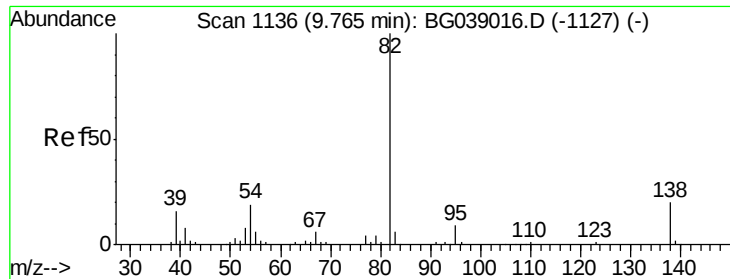
Tgt Ion: 82 Resp: 123939
 Ion Ratio Lower Upper
 82 100
 128 45.6 37.3 55.9
 54 57.1 46.4 69.6



#24
 Nitrobenzene
 Concen: 40.814 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

Tgt Ion: 77 Resp: 80243
 Ion Ratio Lower Upper
 77 100
 123 45.7 37.6 56.4
 65 14.2 11.0 16.6





#25

Isophorone

Concen: 46.444 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB116353BSD

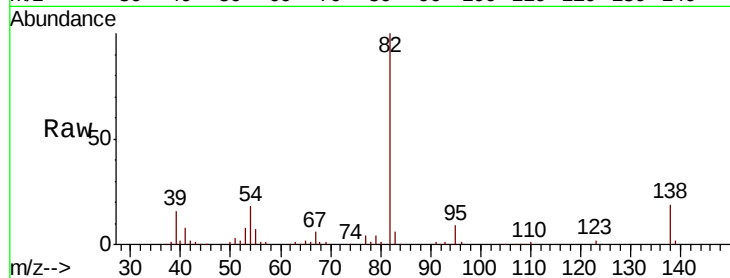
Tgt Ion: 82 Resp: 155615

Ion Ratio Lower Upper

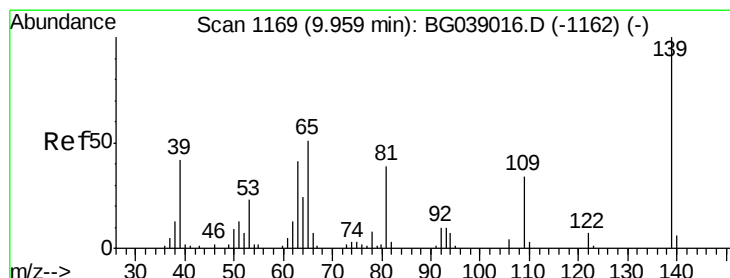
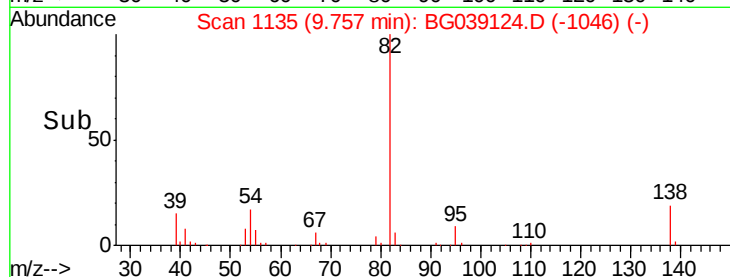
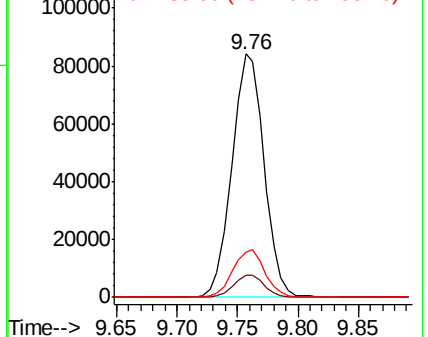
82 100

95 8.9 7.0 10.6

138 18.7 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: 42.839 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

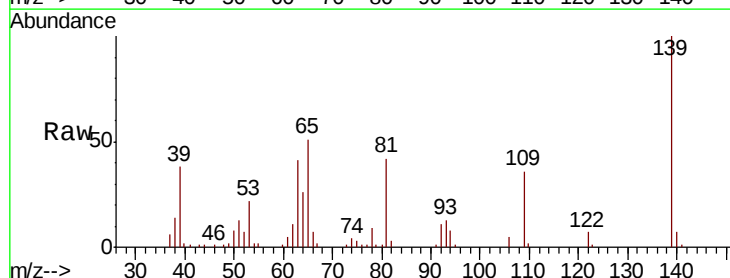
Tgt Ion: 139 Resp: 45557

Ion Ratio Lower Upper

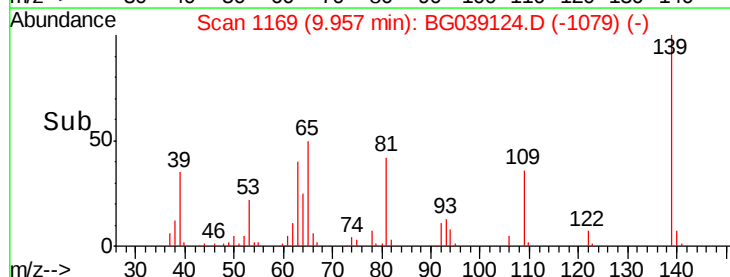
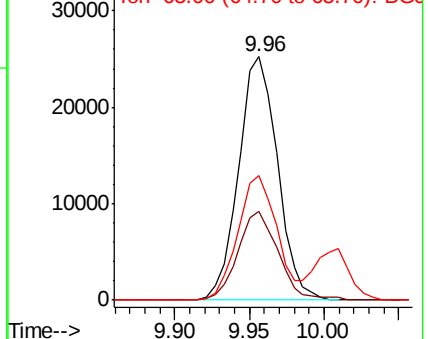
139 100

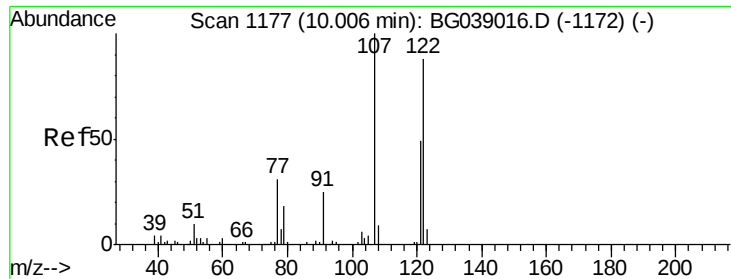
109 36.2 27.3 40.9

65 51.3 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

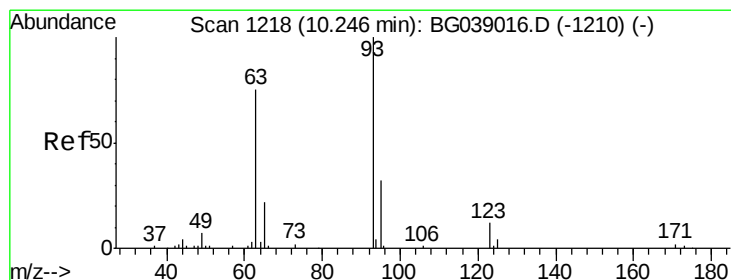
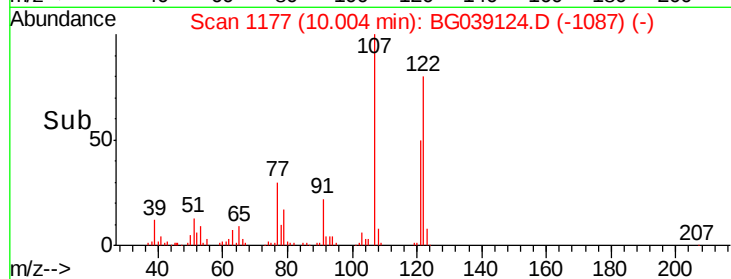
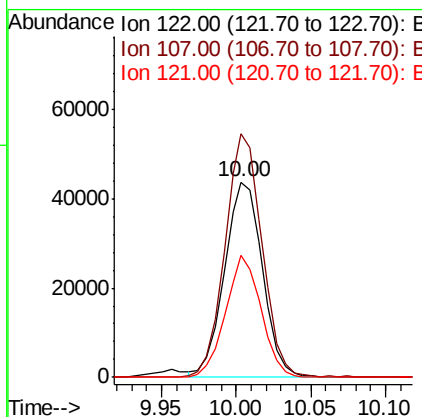
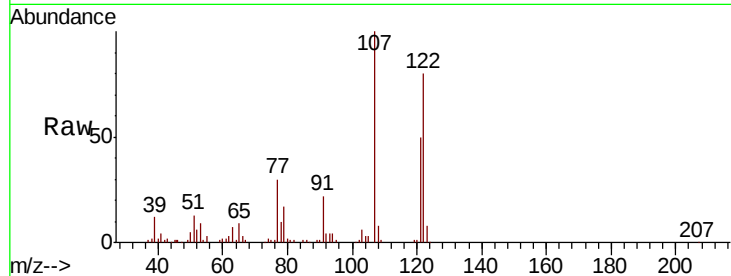




#27
 2,4-Dimethylphenol
 Concen: 51.995 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

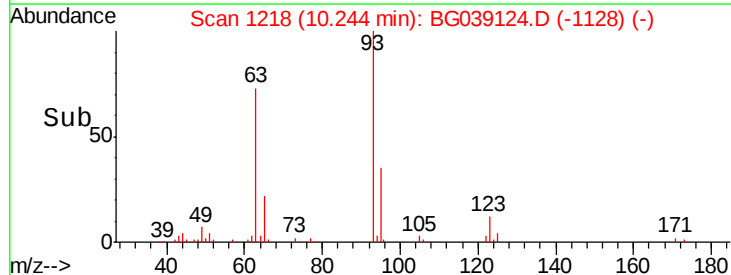
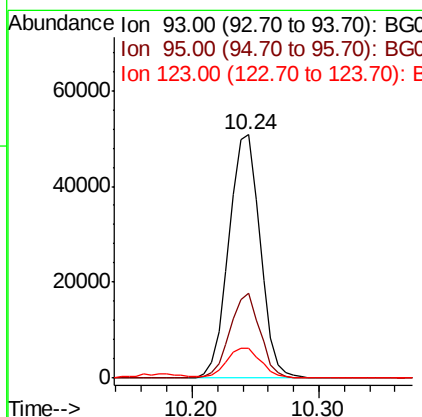
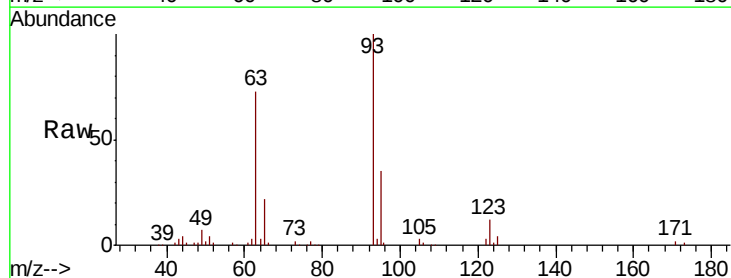
Instrument :
 BNA_G
 ClientSampleId :
 PB116353BSD

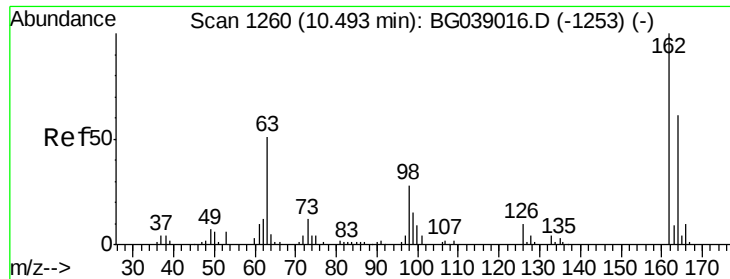
Tgt Ion:122 Resp: 77792
 Ion Ratio Lower Upper
 122 100
 107 124.5 88.8 133.2
 121 62.4 43.1 64.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.113 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

Tgt Ion: 93 Resp: 86818
 Ion Ratio Lower Upper
 93 100
 95 35.0 25.6 38.4
 123 12.5 10.1 15.1

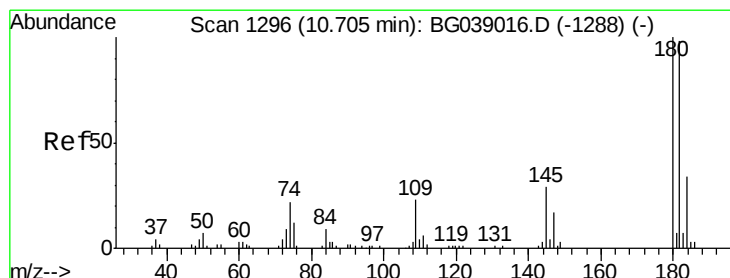
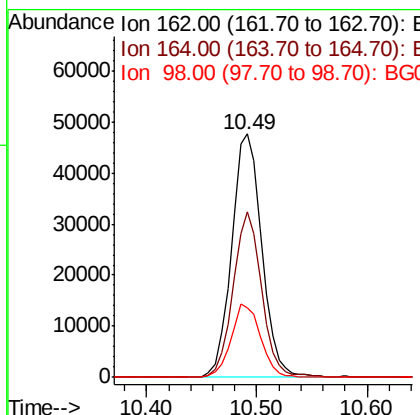
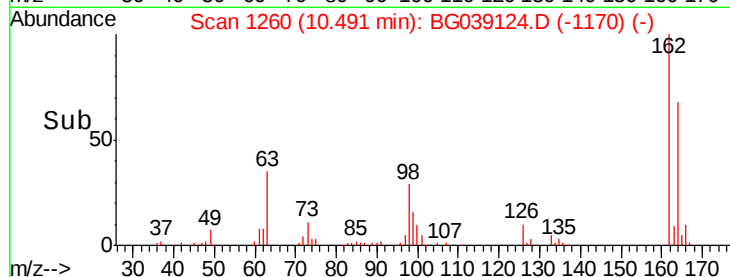
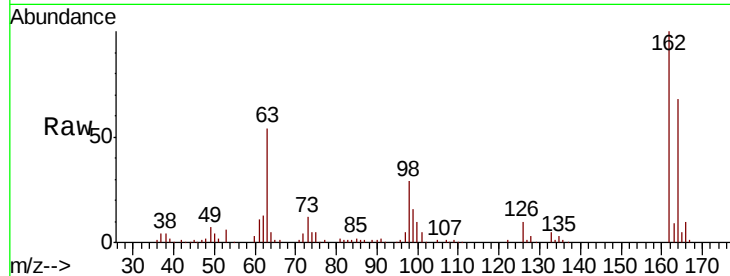




#29
 2,4-Dichlorophenol
 Concen: 49.237 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

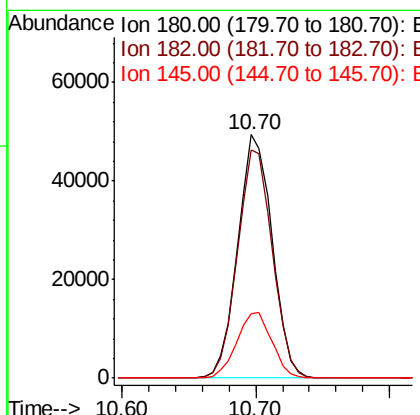
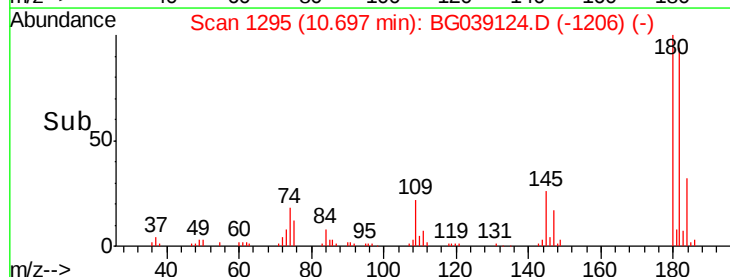
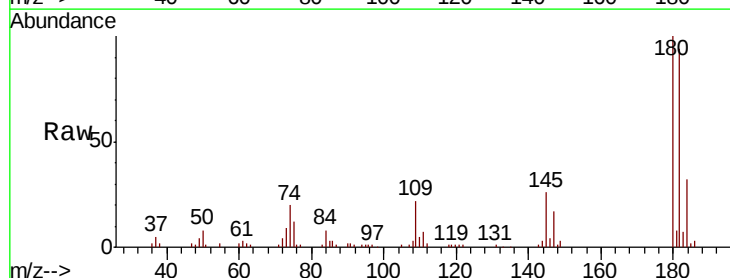
Instrument :
 BNA_G
 ClientSampleId :
 PB116353BSD

Tgt Ion:162 Resp: 91516
 Ion Ratio Lower Upper
 162 100
 164 67.9 41.3 81.3
 98 28.5 8.3 48.3



#30
 1,2,4-Trichlorobenzene
 Concen: 39.299 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

Tgt Ion:180 Resp: 87766
 Ion Ratio Lower Upper
 180 100
 182 93.8 78.1 117.1
 145 26.3 23.1 34.7

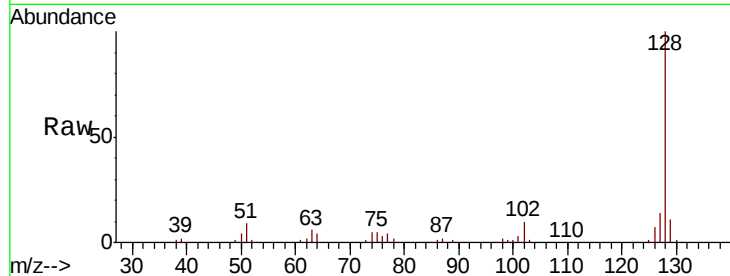




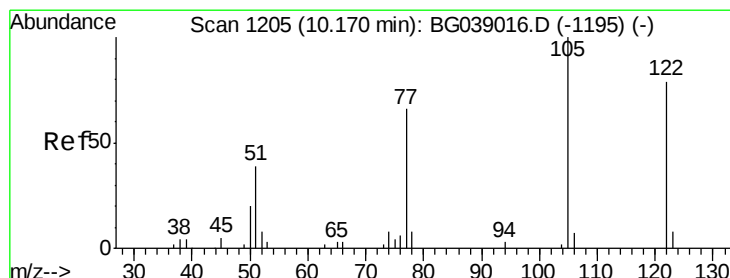
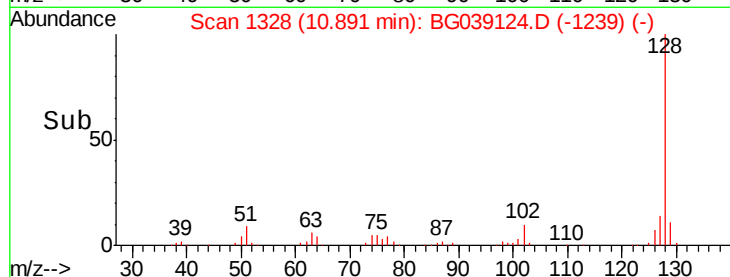
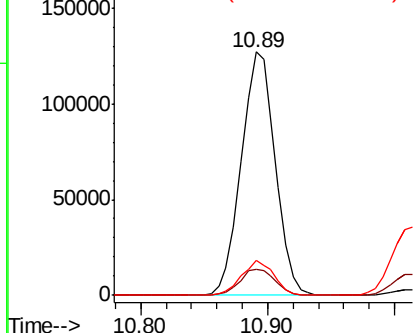
#31
Naphthalene
Concen: 44.207 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

Instrument :
BNA_G
ClientSampleId :
PB116353BSD

Tgt Ion:128 Resp: 235990
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 14.1 11.2 16.8

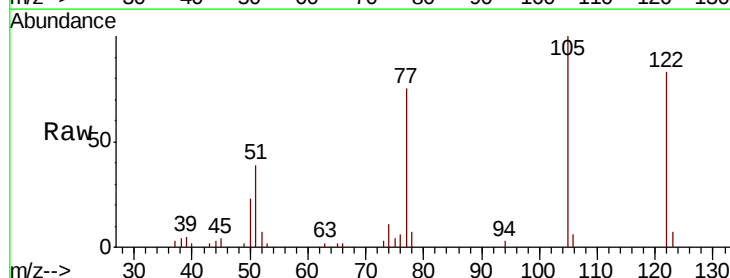


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

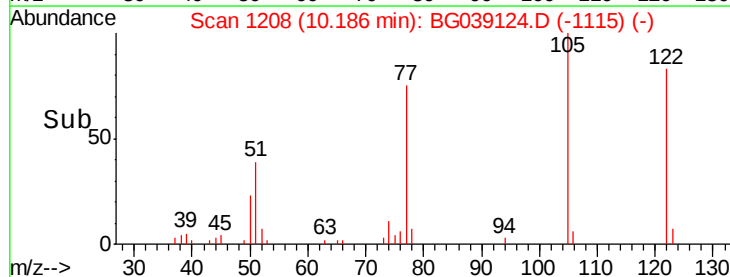
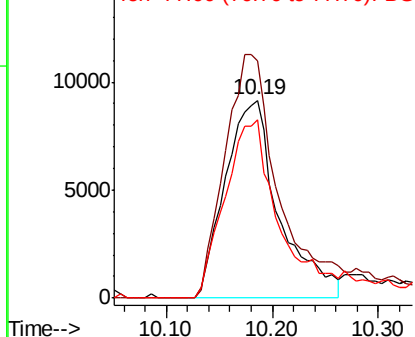


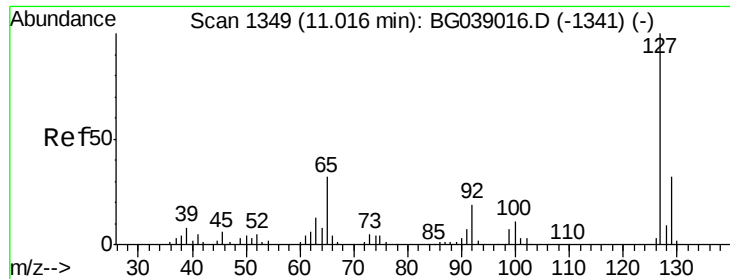
#32
Benzoic acid
Concen: 37.822 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

Tgt Ion:122 Resp: 32508
Ion Ratio Lower Upper
122 100
105 119.9 106.4 146.4
77 90.3 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): BGO

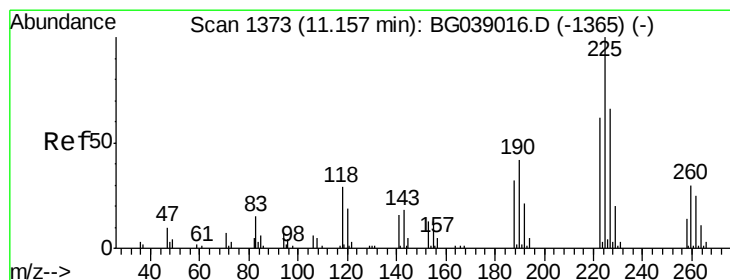
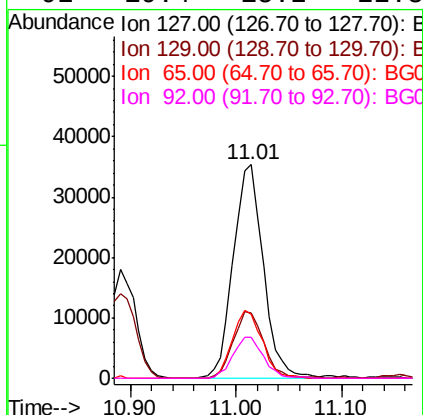
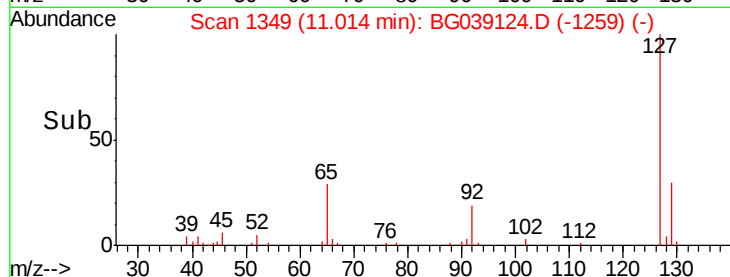
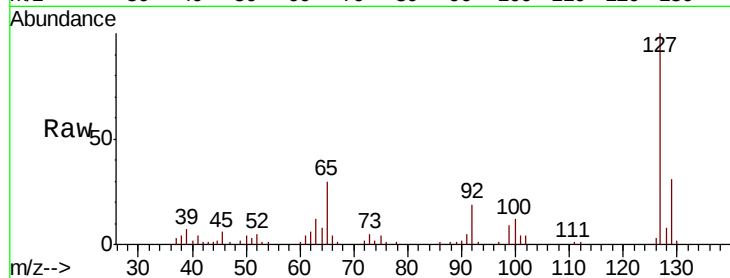




#33
4-Chloroaniline
Concen: 29.273 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

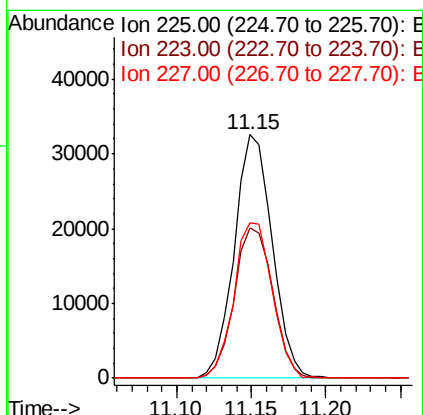
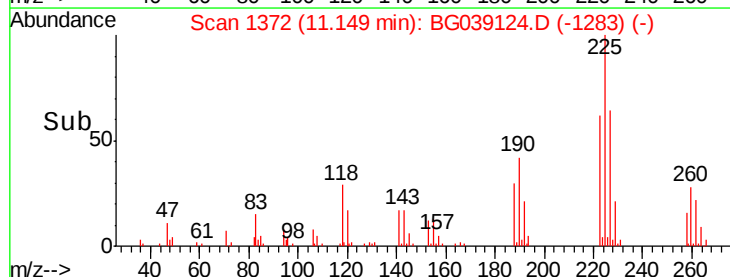
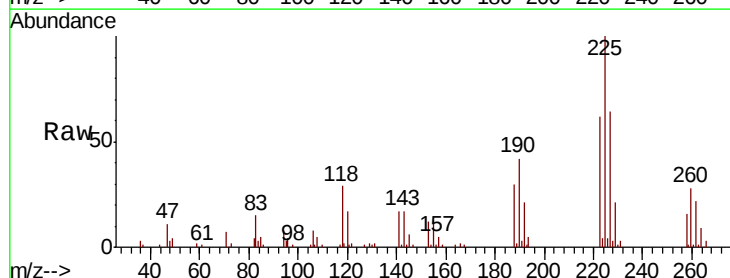
Instrument :
BNA_G
ClientSampleId :
PB116353BSD

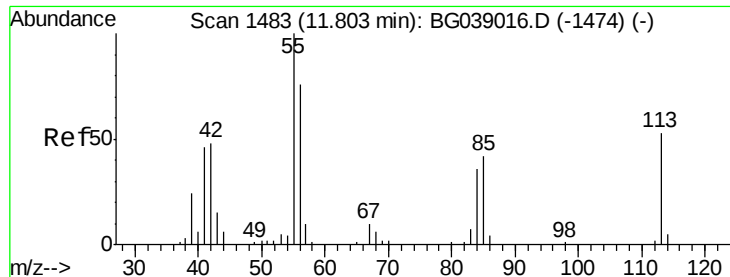
Tgt Ion:	127	Resp:	69923
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.4	38.0
65	29.8	25.4	38.0
92	19.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.316 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

Tgt Ion:	225	Resp:	57343
Ion	Ratio	Lower	Upper
225	100		
223	59.2	50.2	75.4
227	63.4	53.2	79.8





#35

Caprolactam

Concen: 28.026 ng

RT: 11.81 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB116353BSD

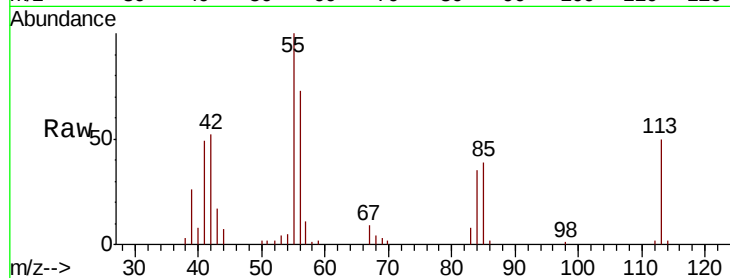
Tgt Ion:113 Resp: 20889

Ion Ratio Lower Upper

113 100

55 201.7 168.6 208.6

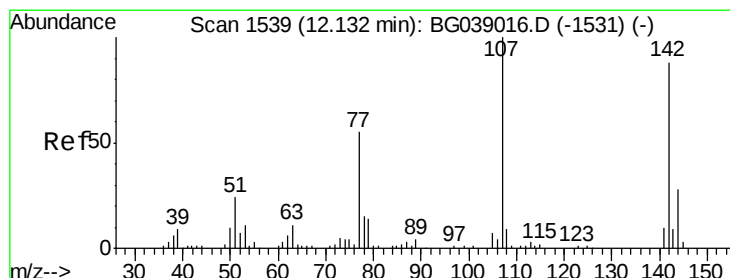
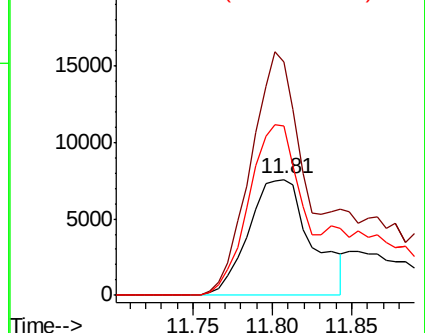
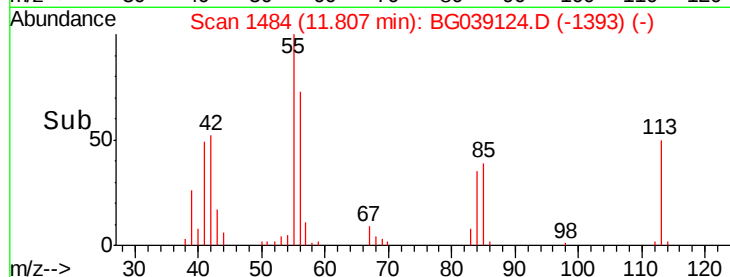
56 146.2 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 47.493 ng

RT: 12.13 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

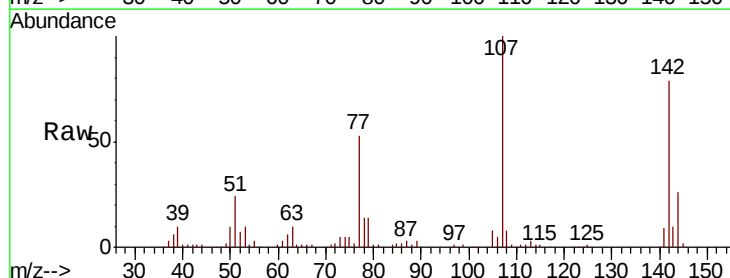
Tgt Ion:107 Resp: 94414

Ion Ratio Lower Upper

107 100

144 25.9 22.6 34.0

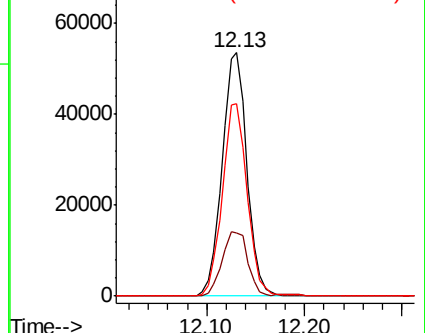
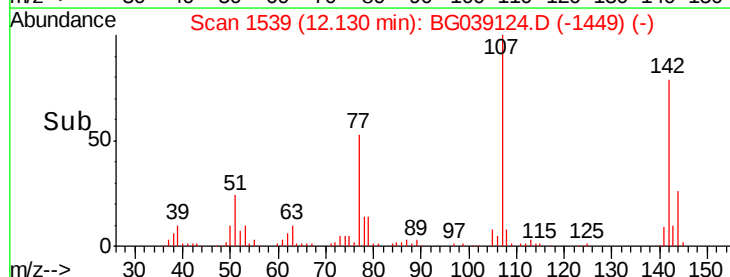
142 78.9 70.2 105.4

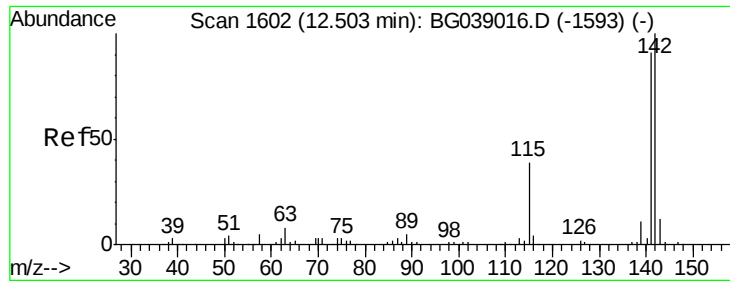


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

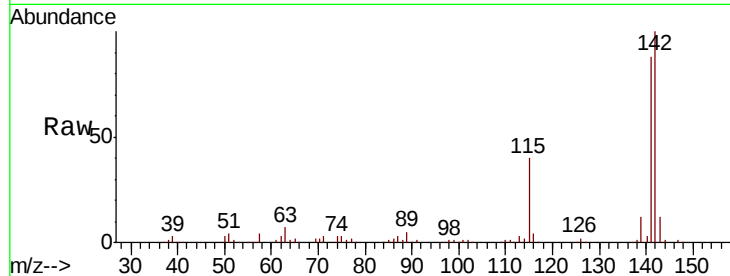




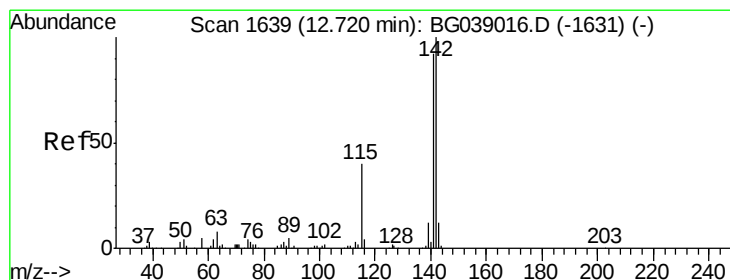
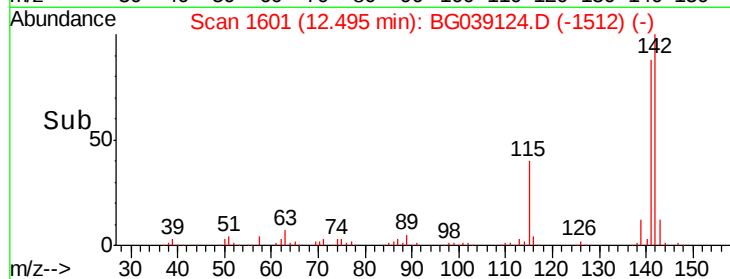
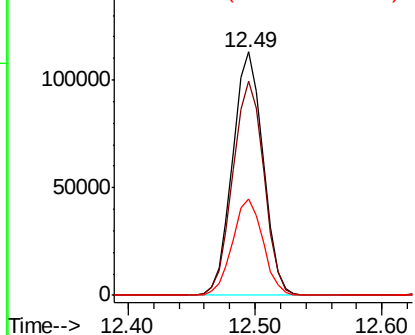
#37
 2-Methylnaphthalene
 Concen: 47.095 ng
 RT: 12.49 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB116353BSD

Tgt Ion:142 Resp: 188488
 Ion Ratio Lower Upper
 142 100
 141 87.7 72.6 109.0
 115 39.7 31.1 46.7

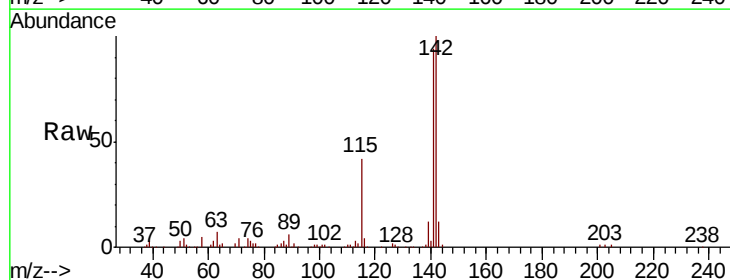


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

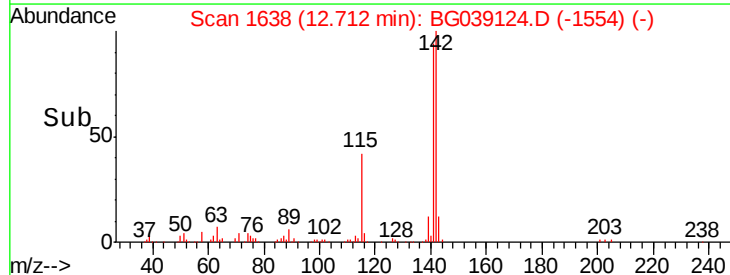
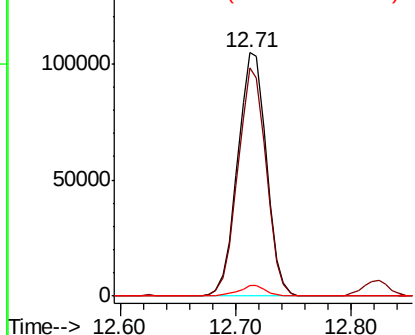


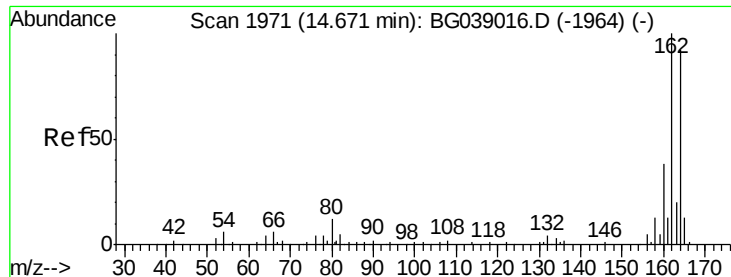
#38
 1-Methylnaphthalene
 Concen: 47.108 ng
 RT: 12.71 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

Tgt Ion:142 Resp: 180971
 Ion Ratio Lower Upper
 142 100
 141 93.6 73.3 109.9
 116 4.3 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: BG039124.D

Acq: 14 Jan 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB116353BSD

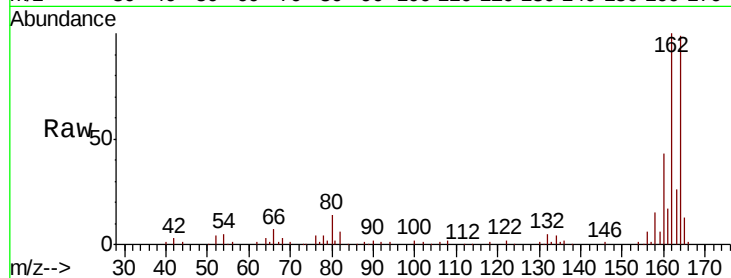
Tgt Ion:164 Resp: 80513

Ion Ratio Lower Upper

164 100

162 101.5 87.2 130.8

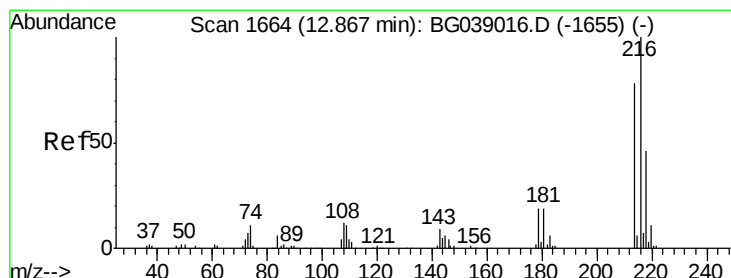
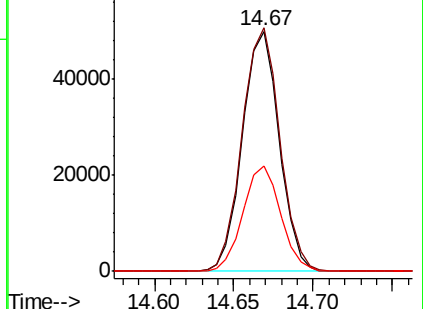
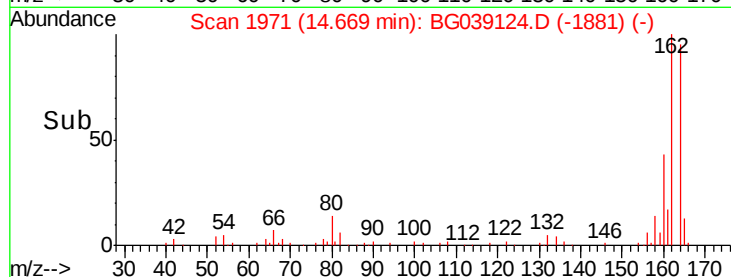
160 43.9 33.3 49.9



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: 40.551 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Tgt Ion:216 Resp: 122614

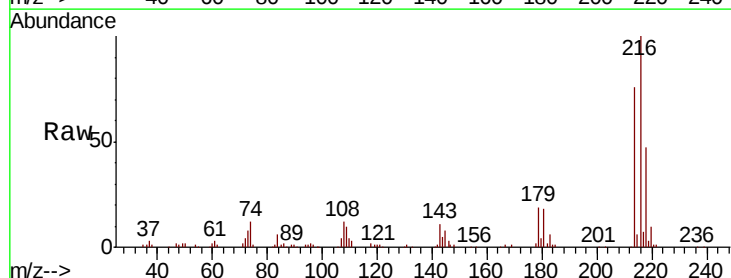
Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.2

179 19.1 15.5 23.3

108 12.5 11.4 17.2

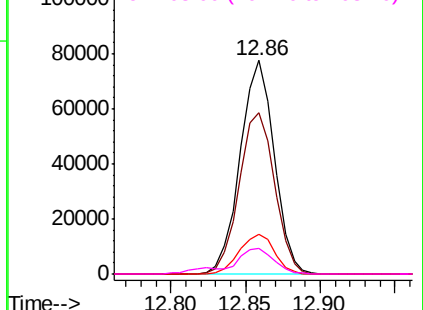
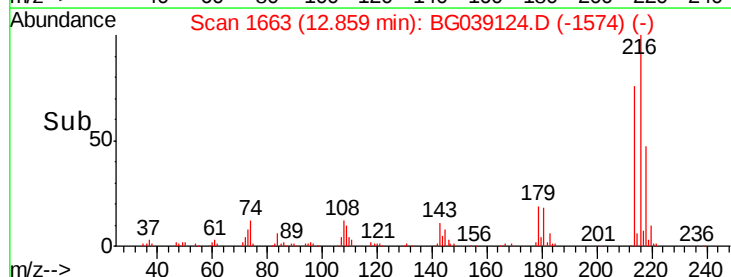


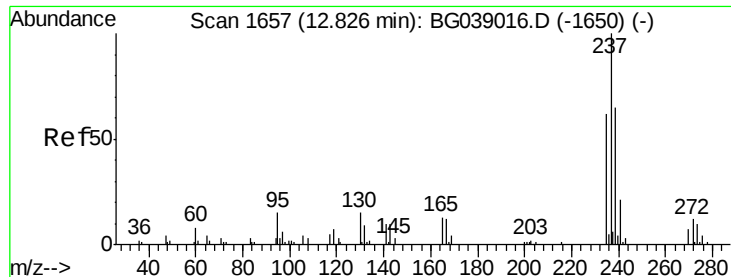
Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.193 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB116353BSD

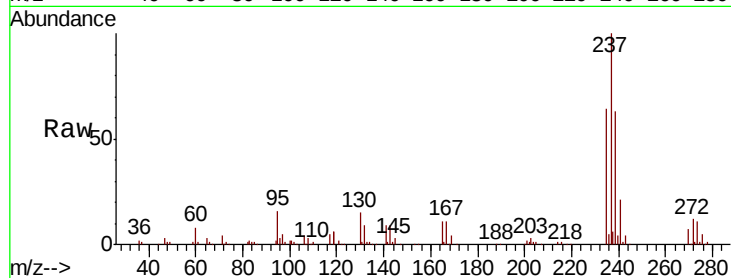
Tgt Ion: 237 Resp: 112745

Ion Ratio Lower Upper

237 100

235 63.9 41.7 81.7

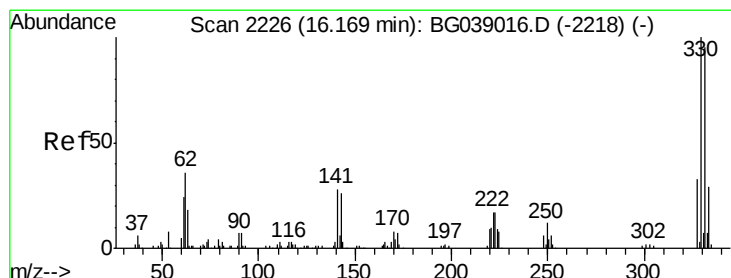
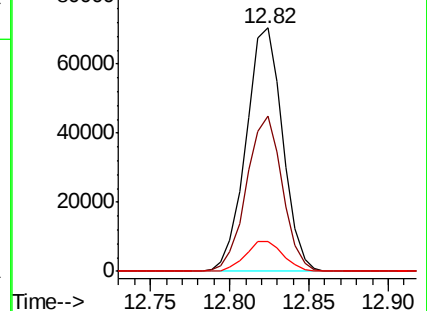
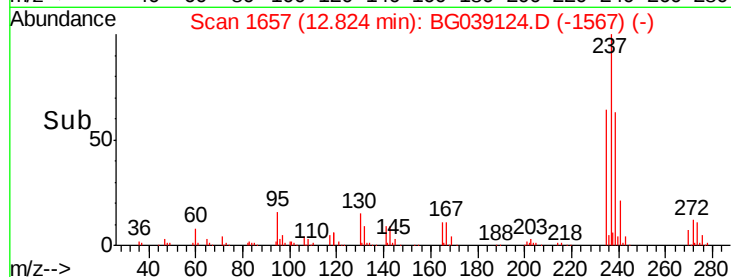
272 12.2 0.0 32.1



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: 112.892 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

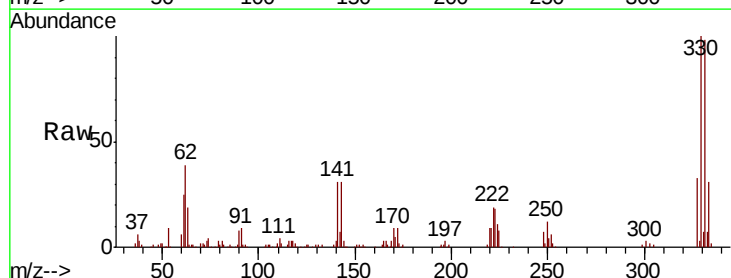
Tgt Ion: 330 Resp: 152361

Ion Ratio Lower Upper

330 100

332 96.4 75.7 113.5

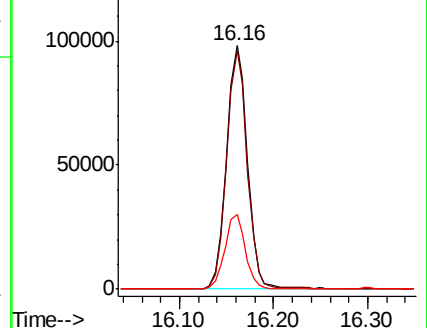
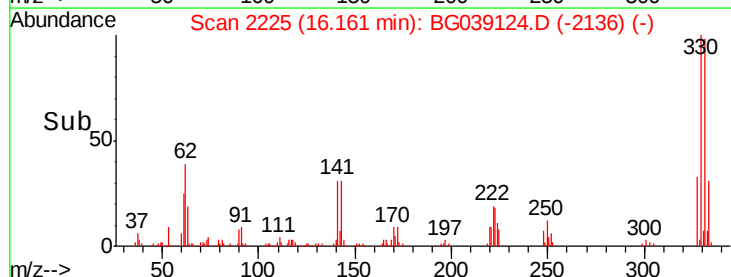
141 30.2 24.9 37.3

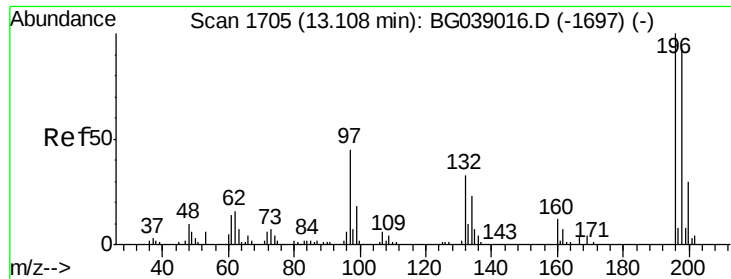


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

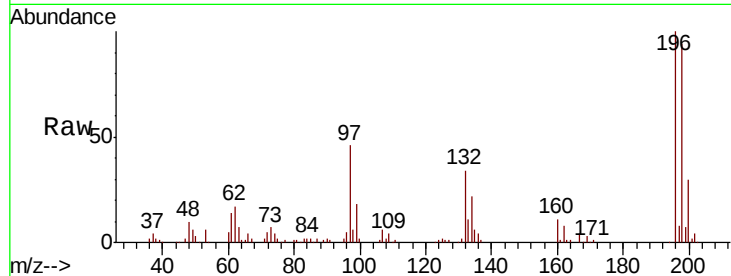




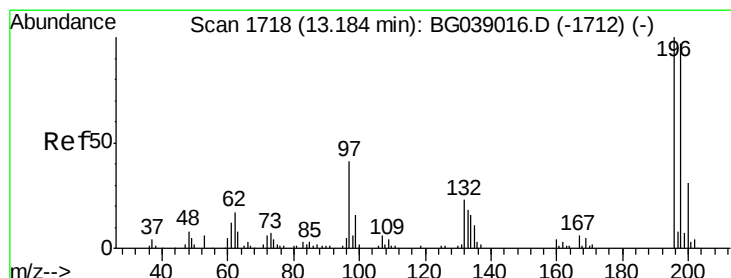
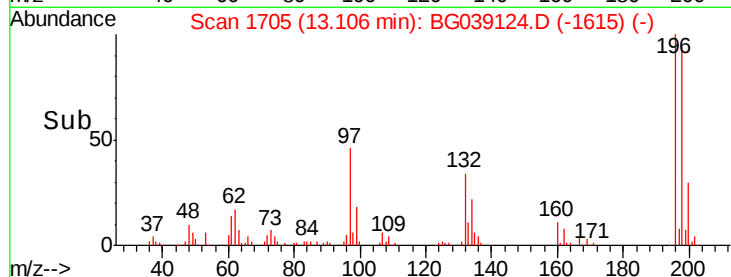
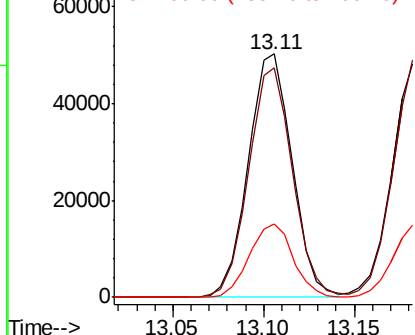
#43
 2,4,6-Trichlorophenol
 Concen: 44.412 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB116353BSD

Tgt Ion:196 Resp: 84519
 Ion Ratio Lower Upper
 196 100
 198 94.3 74.5 111.7
 200 30.3 23.8 35.6



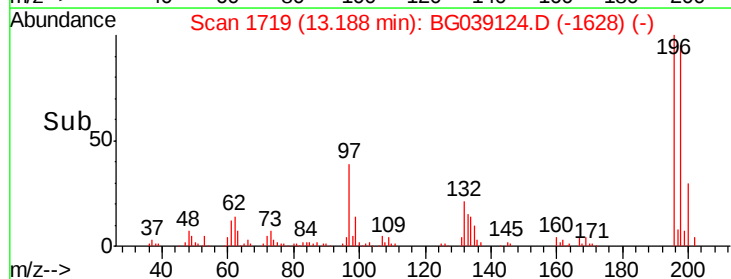
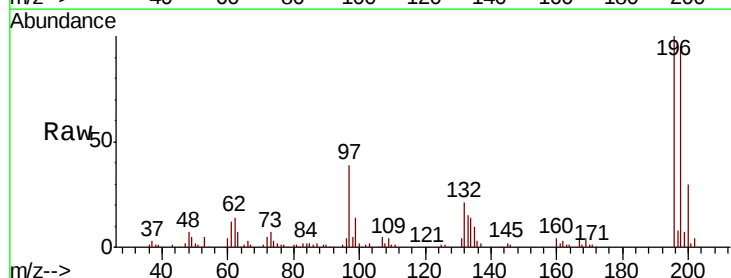
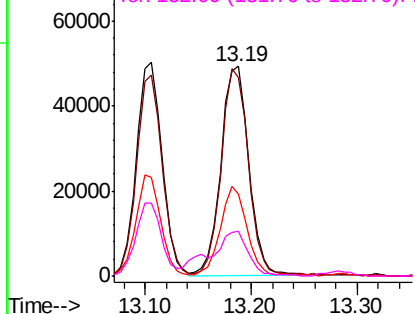
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

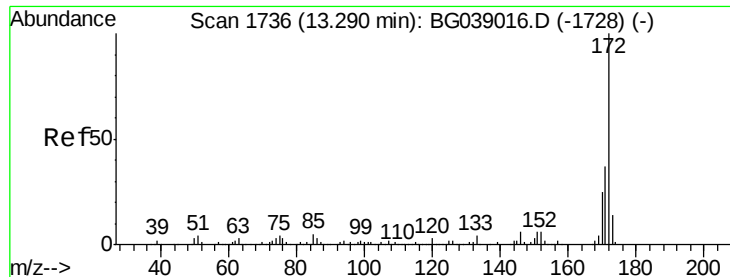


#44
 2,4,5-Trichlorophenol
 Concen: 45.023 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

Tgt Ion:196 Resp: 90558
 Ion Ratio Lower Upper
 196 100
 198 94.6 78.1 117.1
 97 39.2 33.2 49.8
 132 21.4 18.2 27.4

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

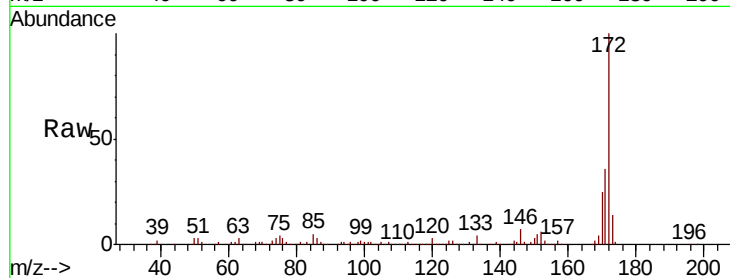




#45
 2-Fluorobiphenyl
 Concen: 62.641 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB116353BSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	25.1	20.1	30.1

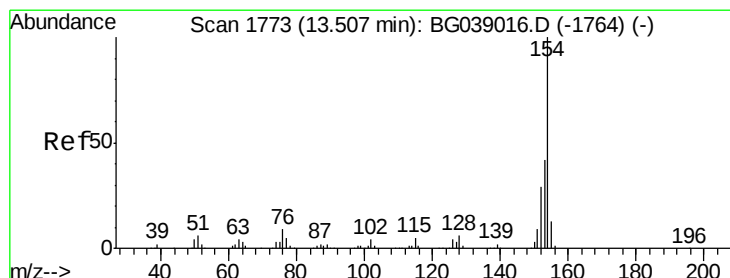
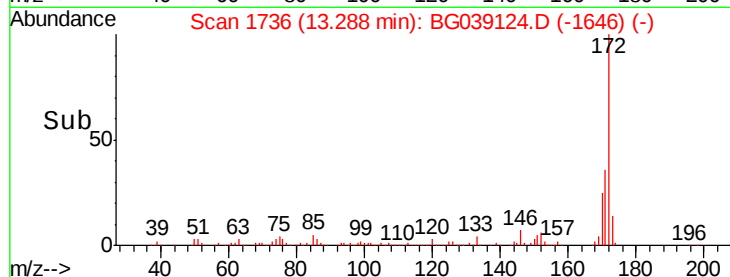
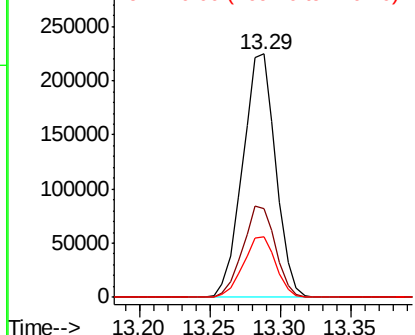


Abundance

Ion 172.00 (171.70 to 172.70): E

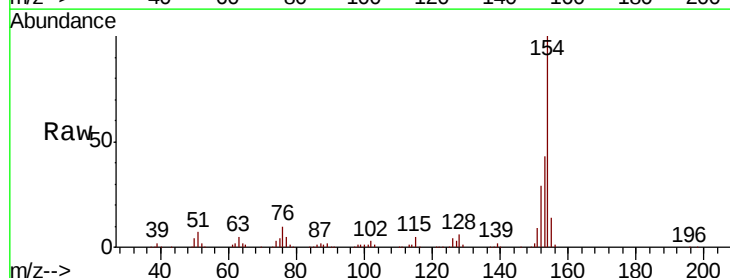
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 40.001 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.4	62.4
76	9.9	0.0	29.4

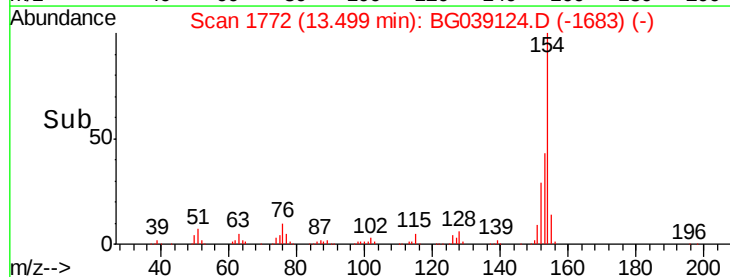
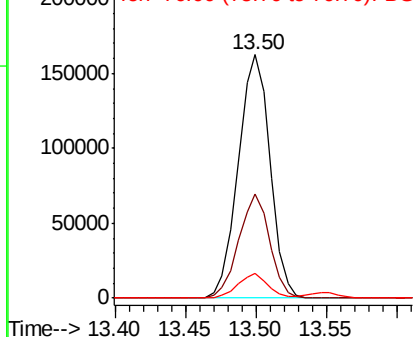


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

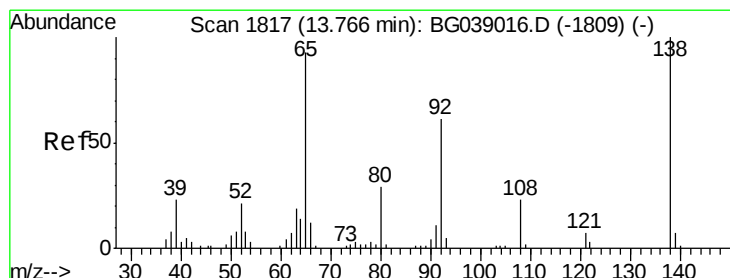
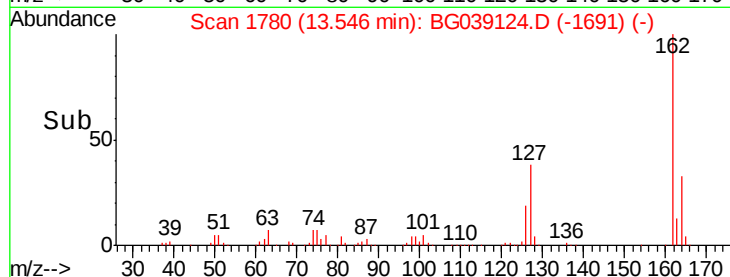
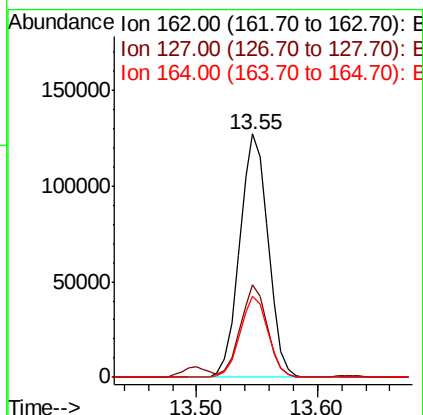
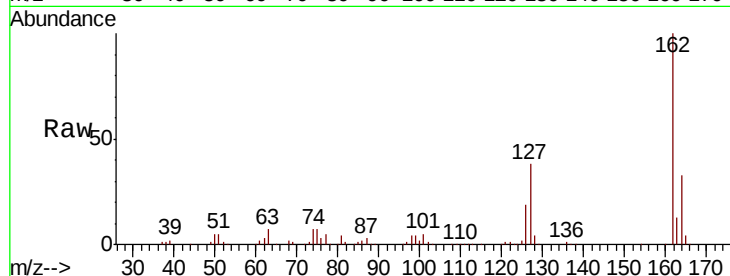




#47
2-Chloronaphthalene
Concen: 40.427 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

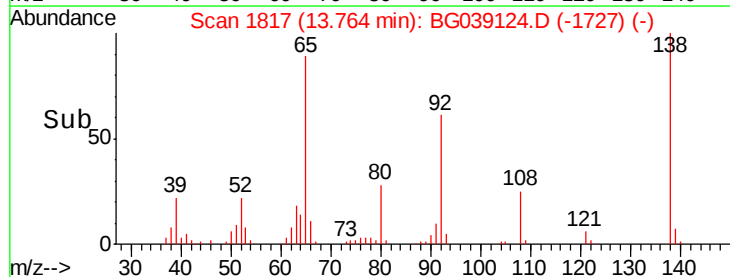
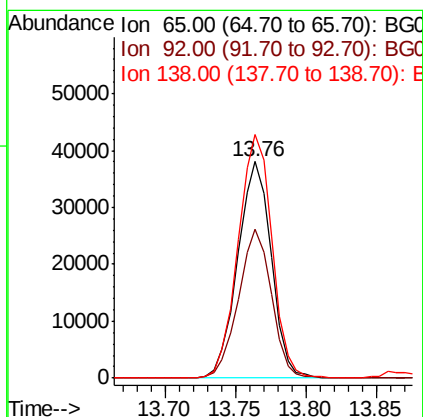
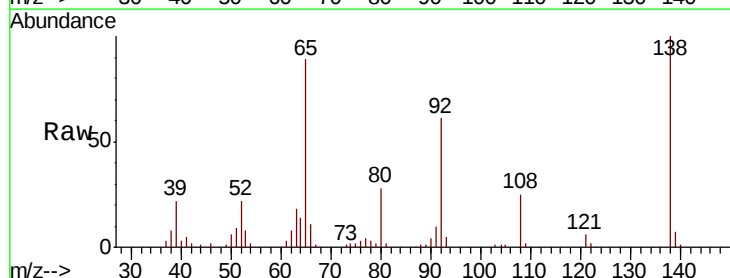
Instrument :
BNA_G
ClientSampleId :
PB116353BSD

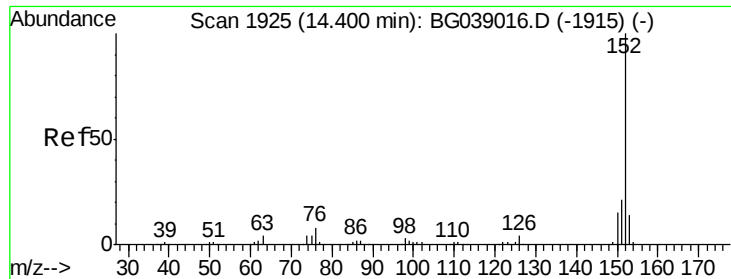
Tgt Ion: 162 Resp: 208707
Ion Ratio Lower Upper
162 100
127 38.0 28.4 42.6
164 33.4 26.3 39.5



#48
2-Nitroaniline
Concen: 43.810 ng
RT: 13.76 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

Tgt Ion: 65 Resp: 63364
Ion Ratio Lower Upper
65 100
92 69.0 52.2 78.4
138 112.4 86.0 129.0





#49

Acenaphthylene

Concen: 43.835 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB116353BSD

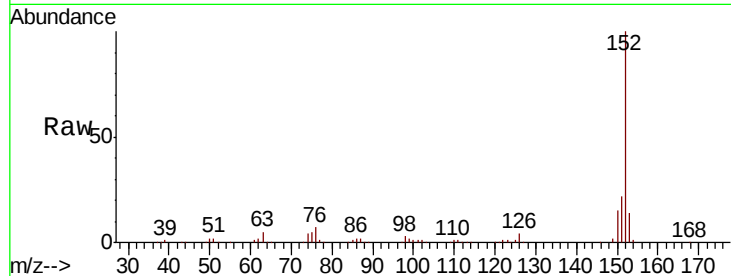
Tgt Ion:152 Resp: 340146

Ion Ratio Lower Upper

152 100

151 21.5 17.0 25.4

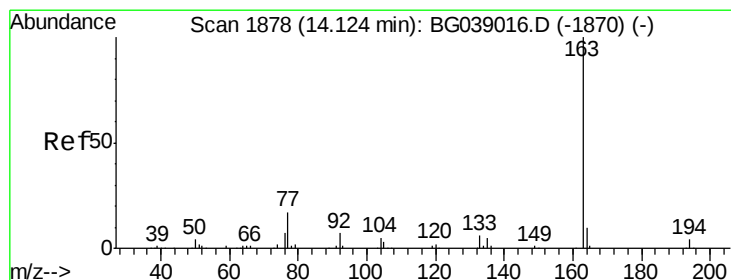
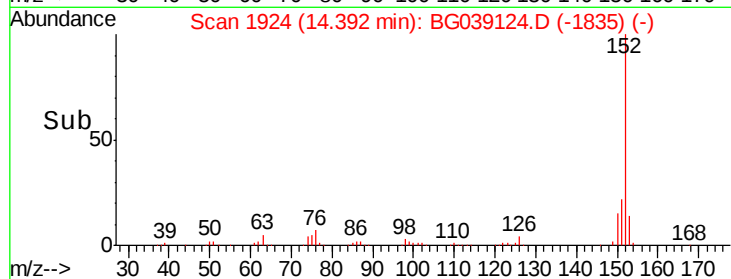
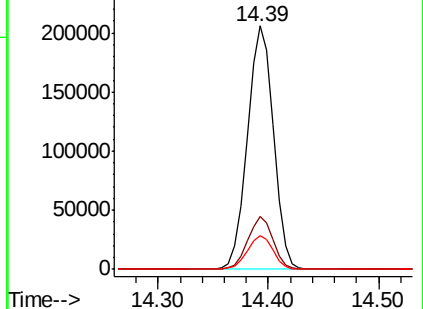
153 13.9 11.2 16.8



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: 41.793 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

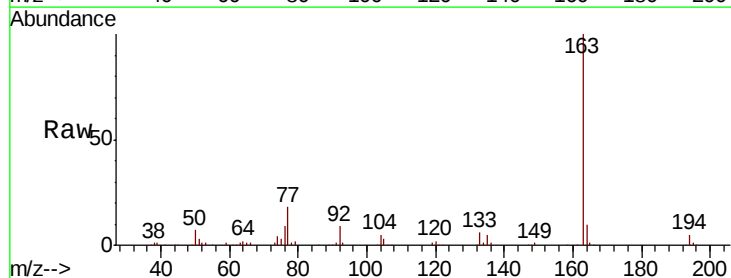
Tgt Ion:163 Resp: 284346

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

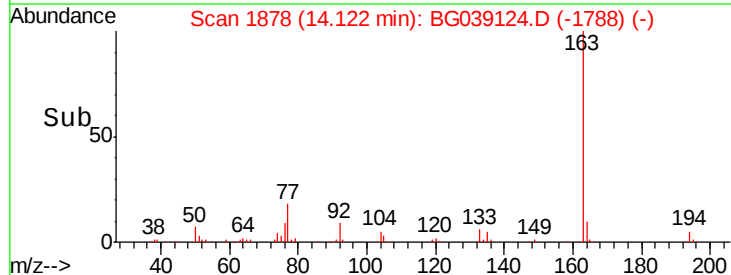
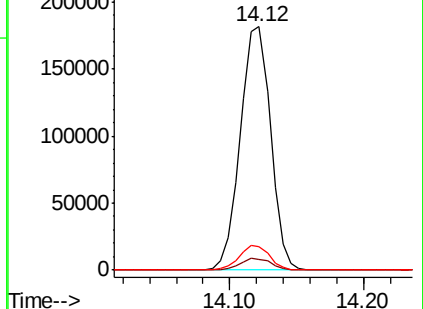
164 9.8 8.2 12.2

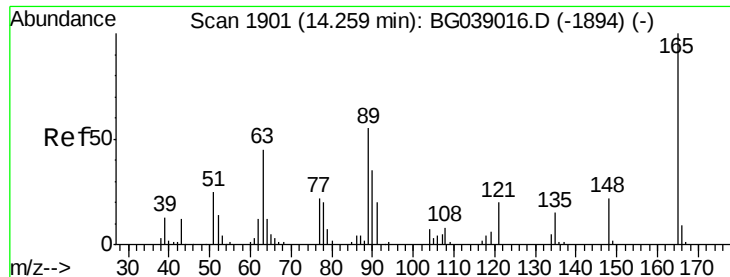


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

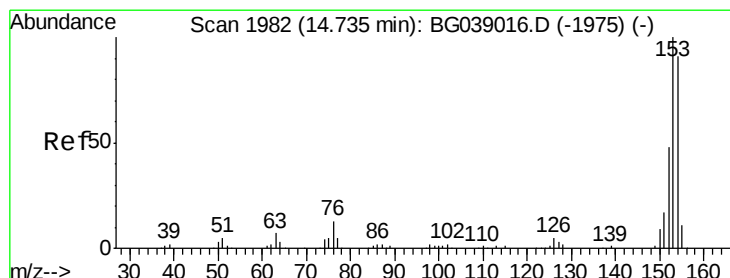
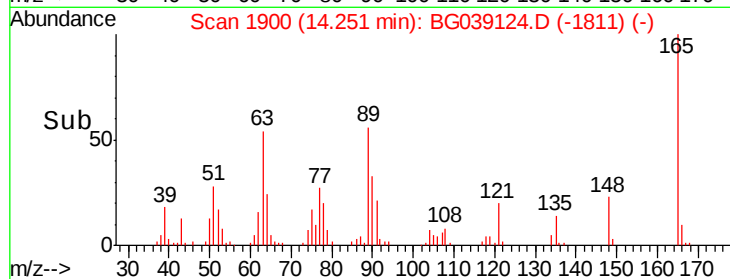
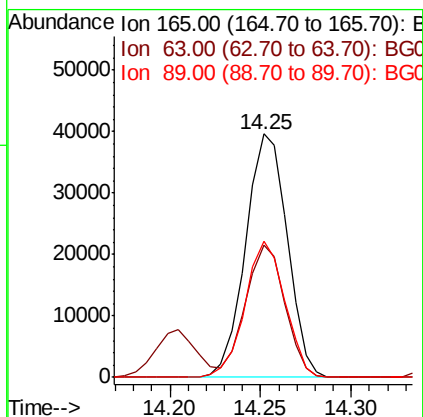
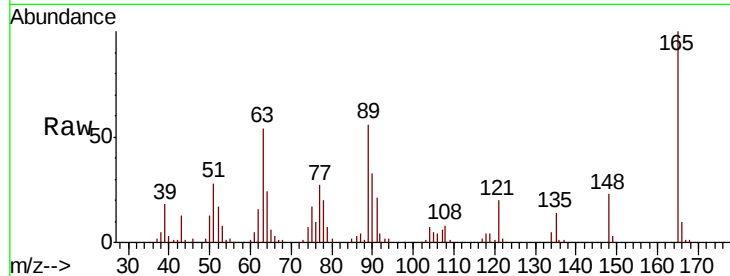




#51
 2,6-Dinitrotoluene
 Concen: 41.552 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

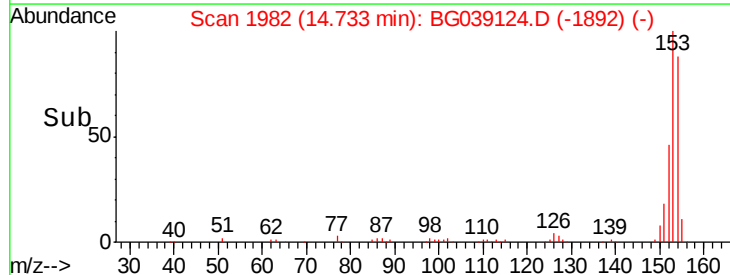
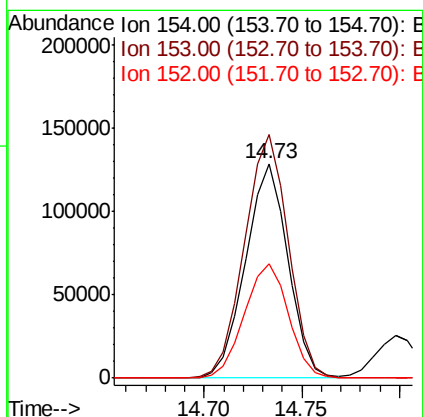
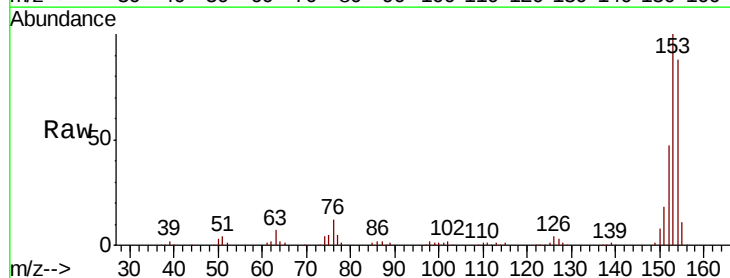
Instrument :
 BNA_G
 ClientSampleId :
 PB116353BSD

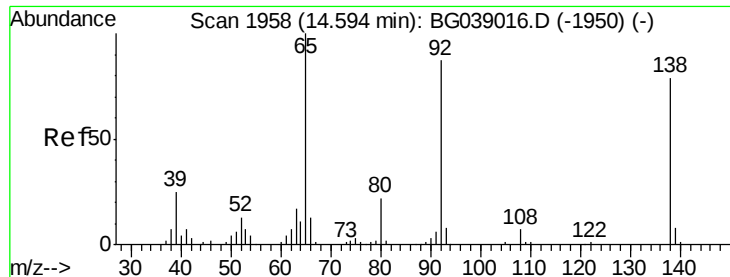
Tgt Ion:165 Resp: 63206
 Ion Ratio Lower Upper
 165 100
 63 54.4 43.6 65.4
 89 56.0 43.7 65.5



#52
 Acenaphthene
 Concen: 41.582 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

Tgt Ion:154 Resp: 193862
 Ion Ratio Lower Upper
 154 100
 153 113.5 87.9 131.9
 152 53.4 42.2 63.2





#53

3-Nitroaniline

Concen: 30.632 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB116353BSD

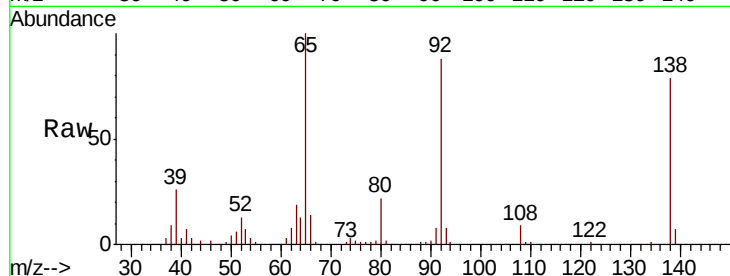
Tgt Ion:138 Resp: 47268

Ion Ratio Lower Upper

138 100

108 12.0 7.4 11.0#

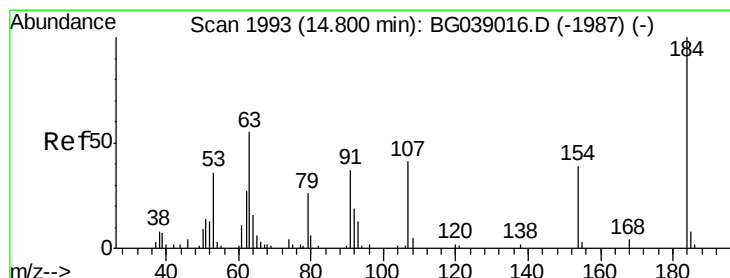
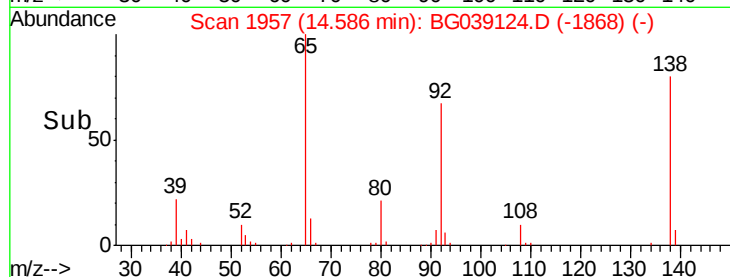
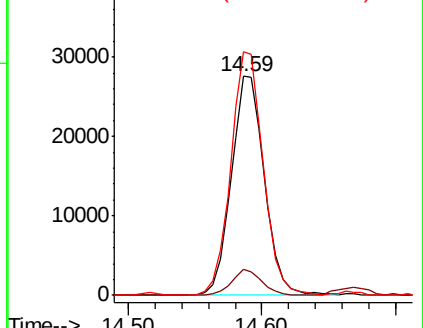
92 111.1 88.2 132.4



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: 74.462 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

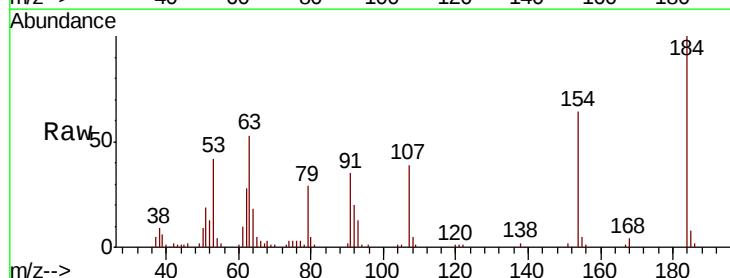
Tgt Ion:184 Resp: 67355

Ion Ratio Lower Upper

184 100

63 53.3 44.0 66.0

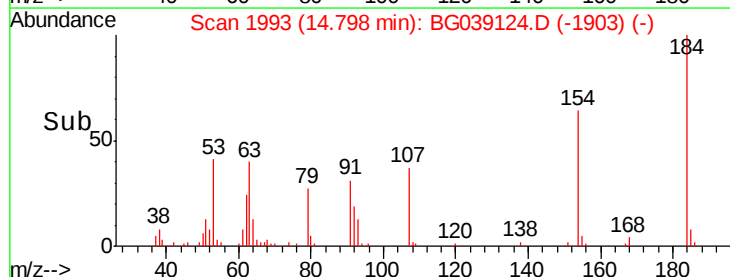
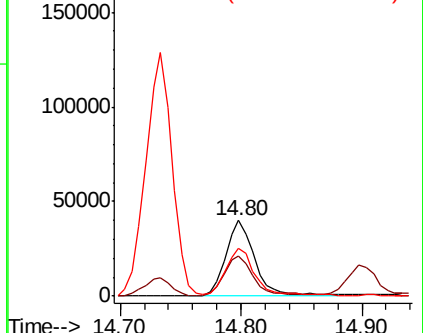
154 63.8 46.1 69.1

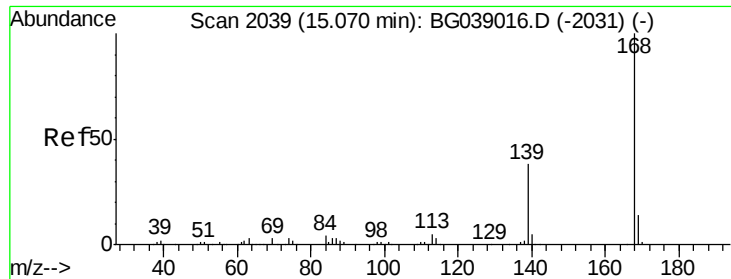


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

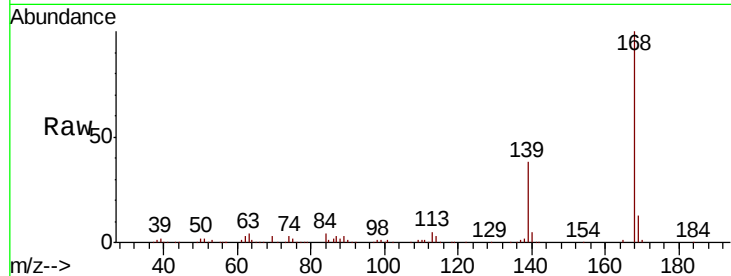




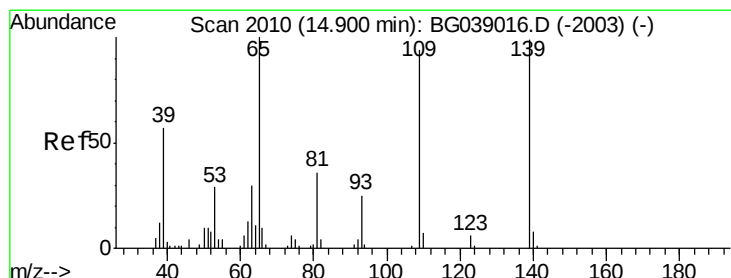
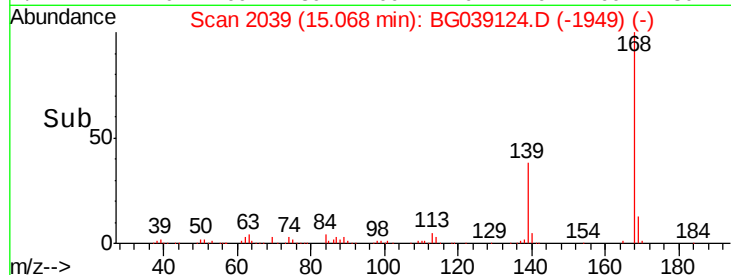
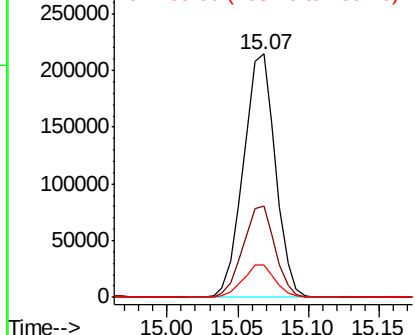
#55
Dibenzenofuran
Concen: 41.427 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

Instrument :
BNA_G
ClientSampleId :
PB116353BSD

Tgt Ion:168 Resp: 341110
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 13.2 10.9 16.3

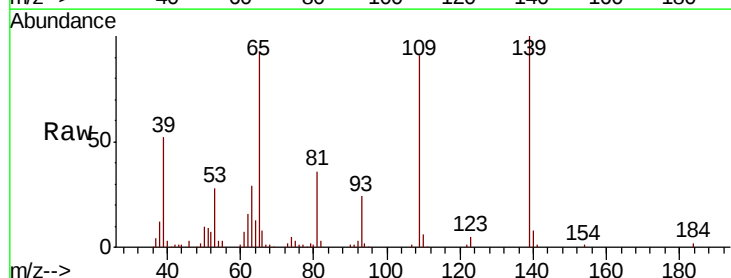


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

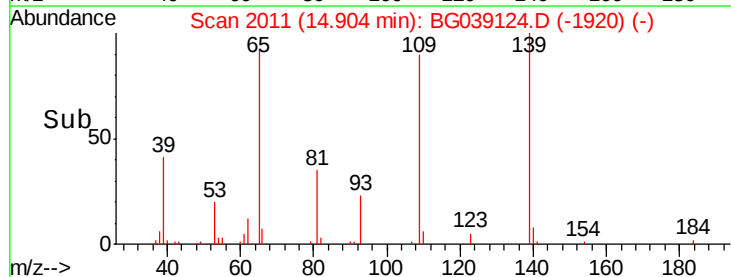
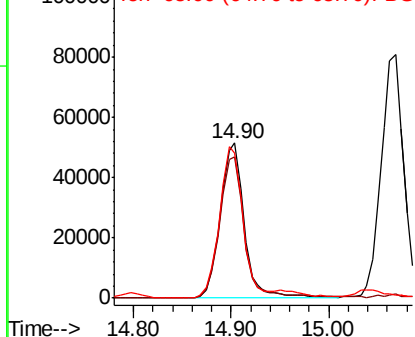


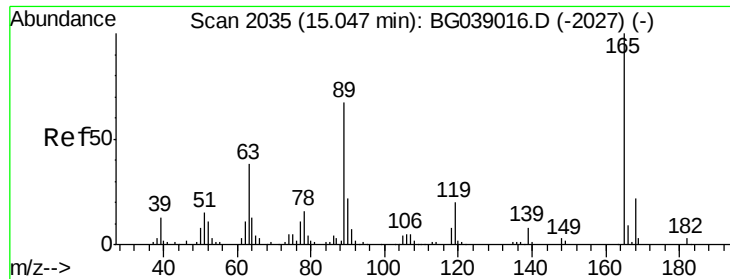
#56
4-Nitrophenol
Concen: 79.799 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

Tgt Ion:139 Resp: 88600
Ion Ratio Lower Upper
139 100
109 90.8 75.6 115.6
65 93.4 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): BGC

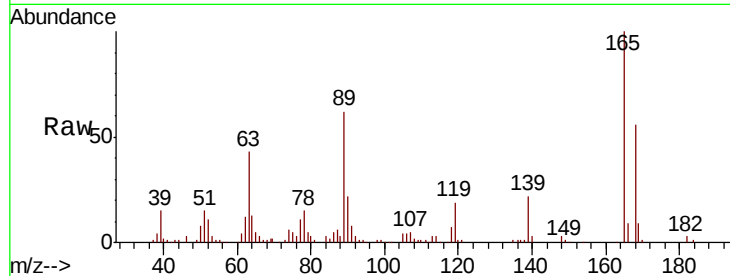




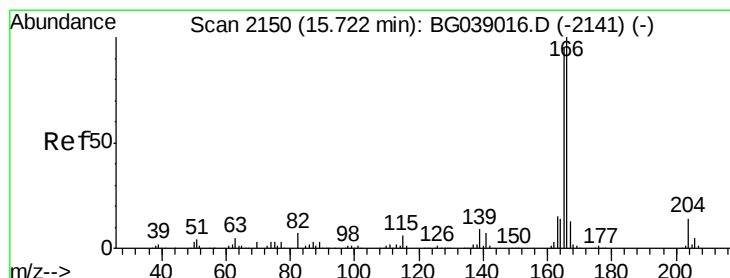
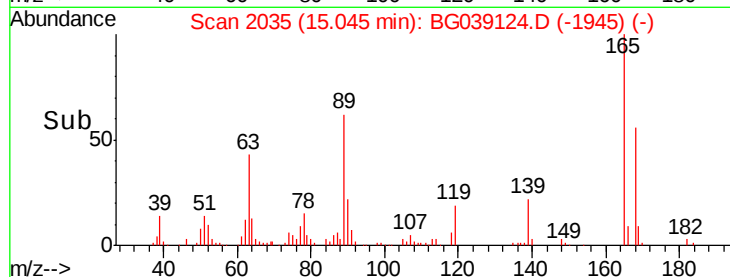
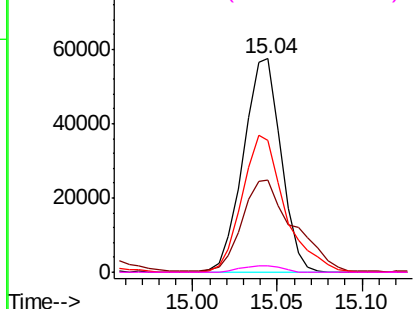
#57
2,4-Dinitrotoluene
Concen: 40.892 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

Instrument :
BNA_G
ClientSampleId :
PB116353BSD

Tgt Ion:165 Resp: 89240
Ion Ratio Lower Upper
165 100
63 43.1 30.2 45.4
89 62.0 53.2 79.8
182 2.9 2.7 4.1

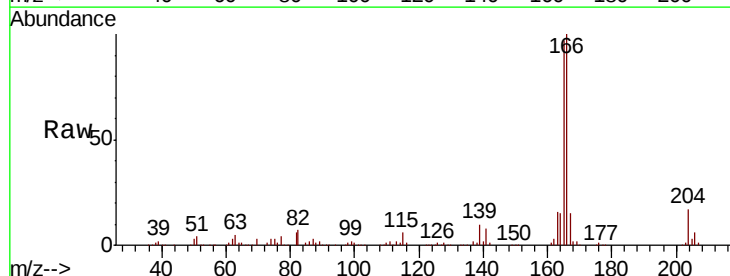


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

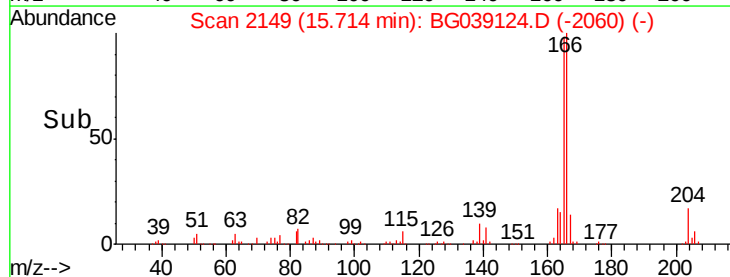
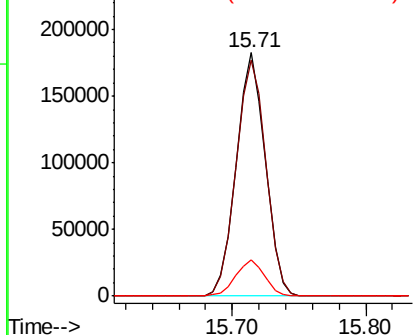


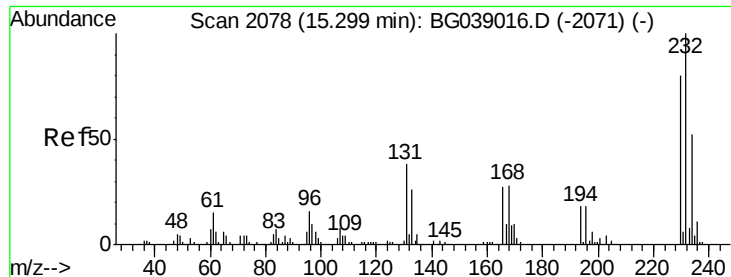
#58
Fluorene
Concen: 44.254 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

Tgt Ion:166 Resp: 274286
Ion Ratio Lower Upper
166 100
165 97.0 76.2 114.2
167 14.8 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

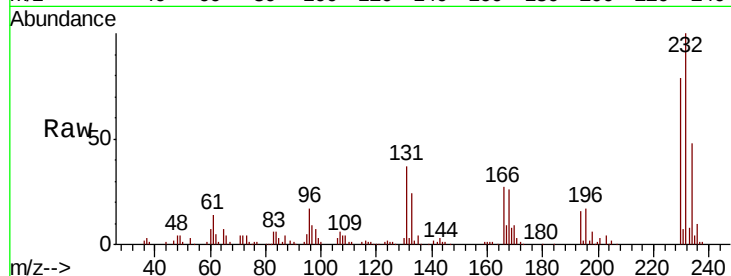




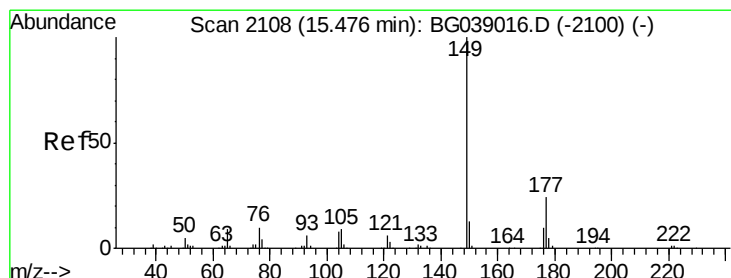
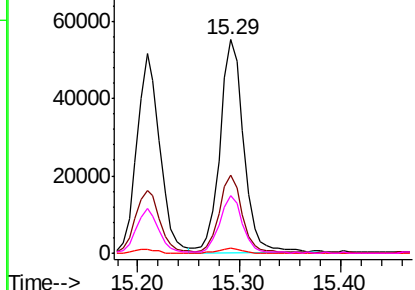
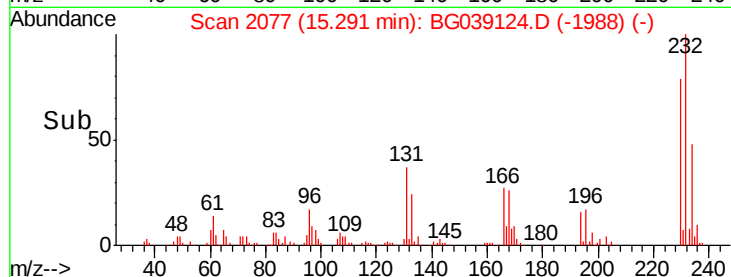
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.039 ng
RT: 15.29 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

Instrument :
BNA_G
ClientSampleId :
PB116353BSD

Tgt Ion:	232	Resp:	89312
Ion	Ratio	Lower	Upper
232	100		
131	34.4	30.9	46.3
130	2.3	1.9	2.9
166	26.3	22.1	33.1

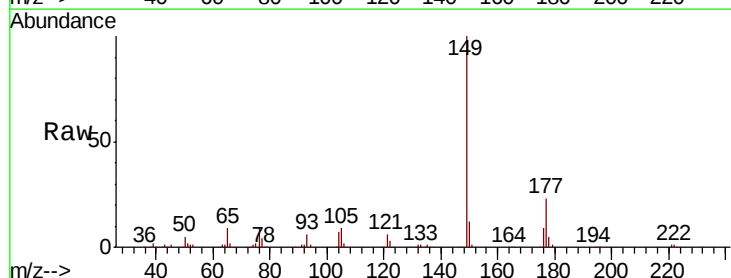


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

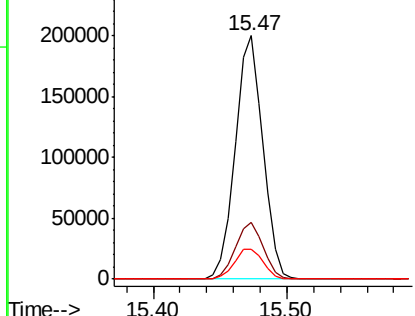
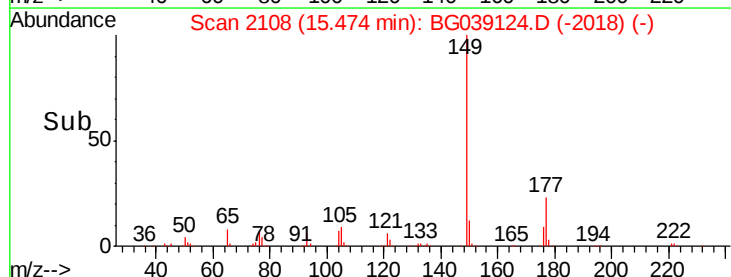


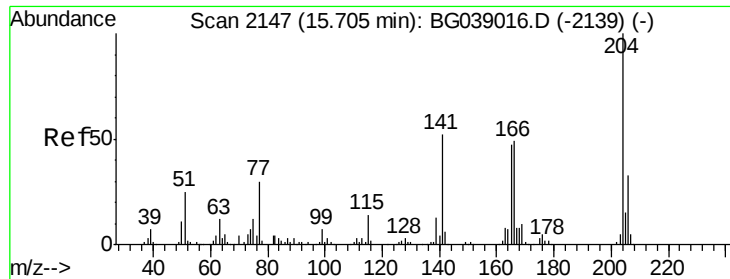
#60
Diethylphthalate
Concen: 40.814 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

Tgt Ion:	149	Resp:	286107
Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.0	28.6
150	12.4	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

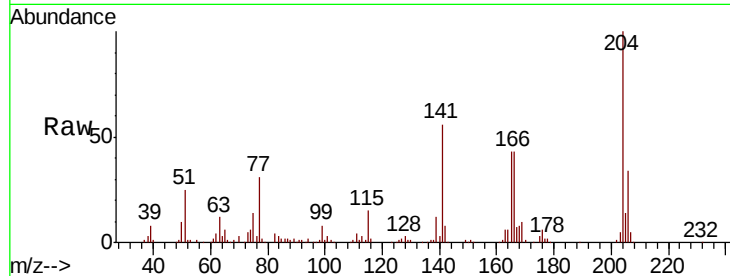




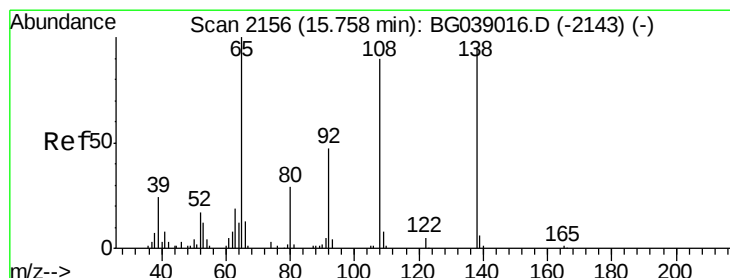
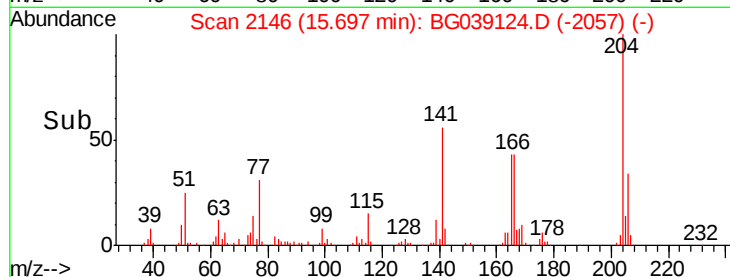
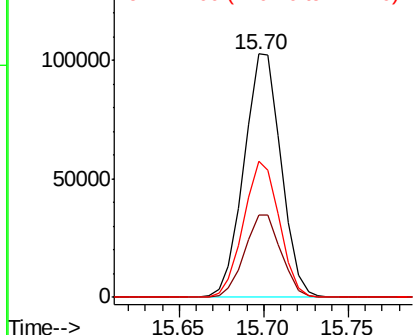
#61
 4-Chlorophenyl-phenylether
 Concen: 40.027 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB116353BSD

Tgt Ion:204 Resp: 156296
 Ion Ratio Lower Upper
 204 100
 206 33.7 26.6 39.8
 141 56.1 41.4 62.0

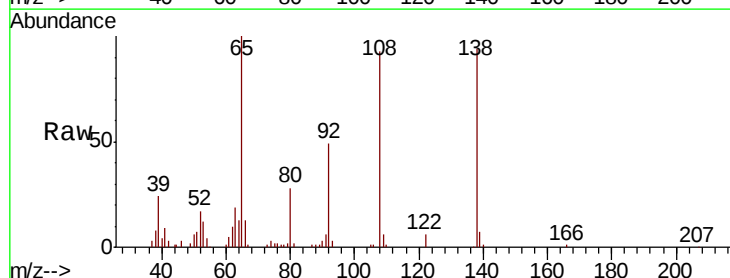


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

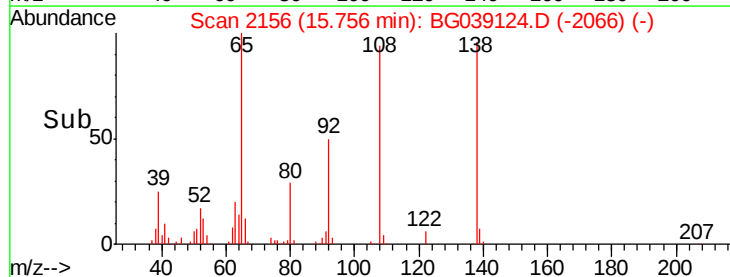
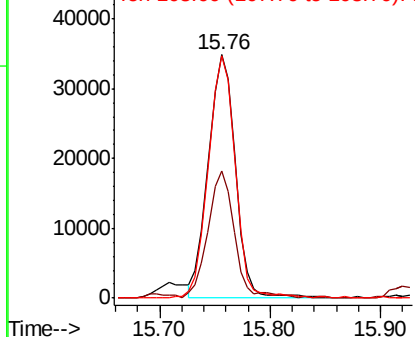


#62
 4-Nitroaniline
 Concen: 36.650 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

Tgt Ion:138 Resp: 58915
 Ion Ratio Lower Upper
 138 100
 92 52.2 29.7 69.7
 108 99.7 75.7 115.7



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E

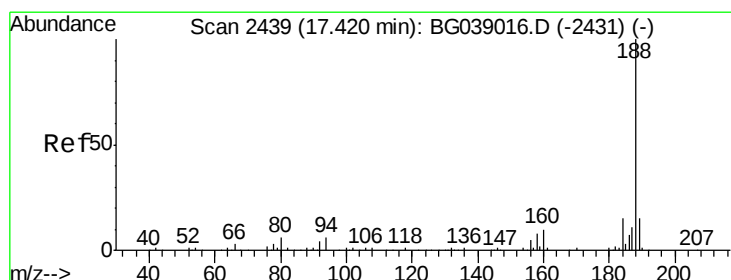
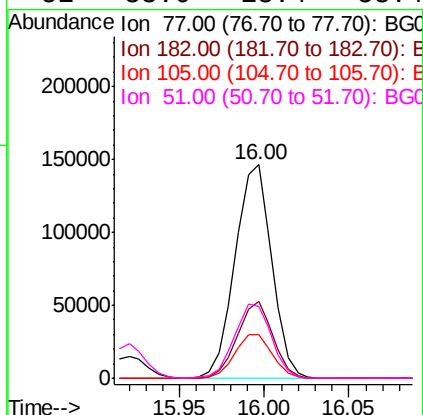
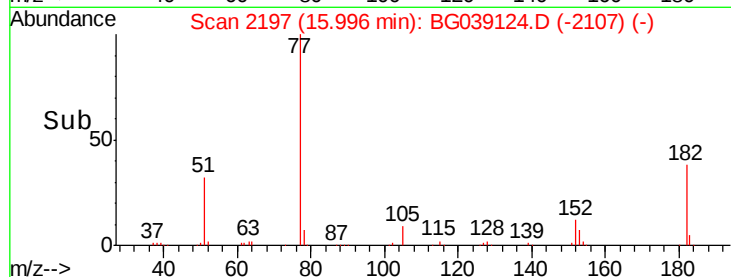
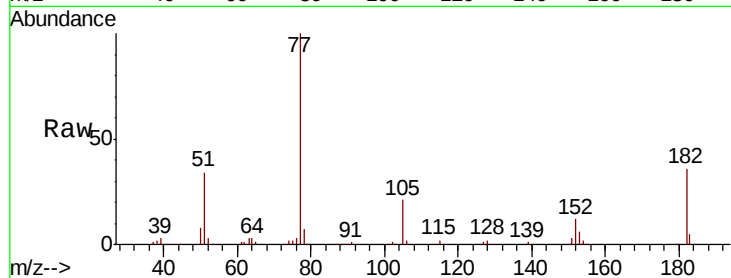




#63
Azobenzene
Concen: 40.371 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

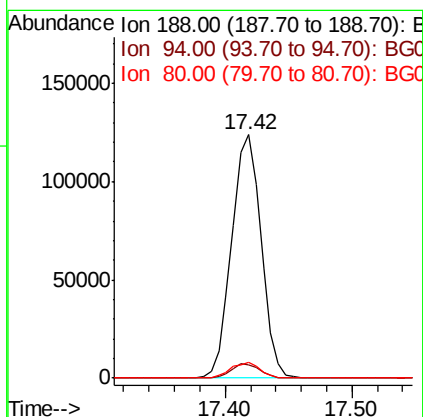
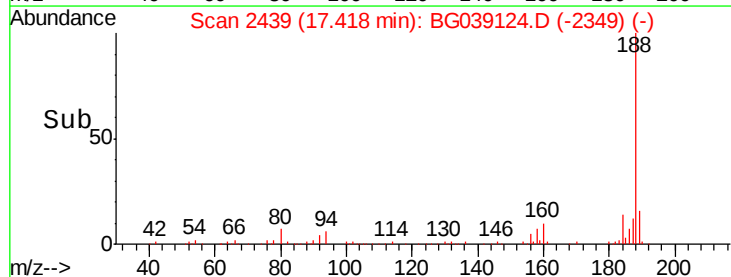
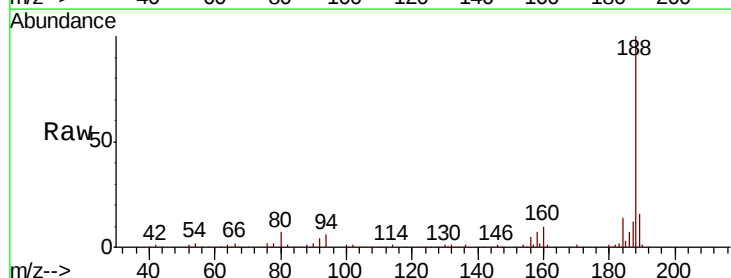
Instrument :
BNA_G
ClientSampleId :
PB116353BSD

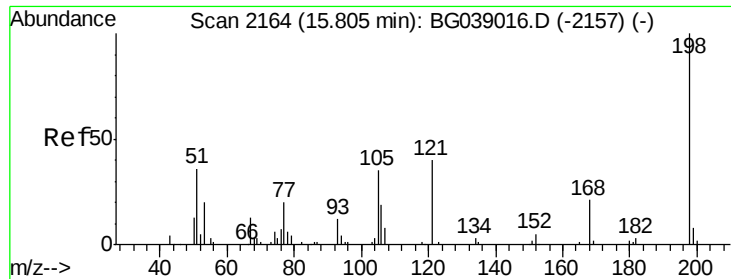
Tgt Ion:	77	Resp:	221311
Ion	Ratio	Lower	Upper
77	100		
182	35.8	12.2	52.2
105	20.6	1.2	41.2
51	33.6	13.4	53.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

Tgt Ion:	188	Resp:	198571
Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.0	7.4
80	6.5	4.7	7.1

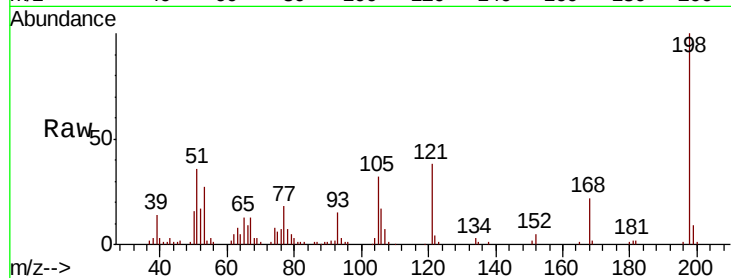




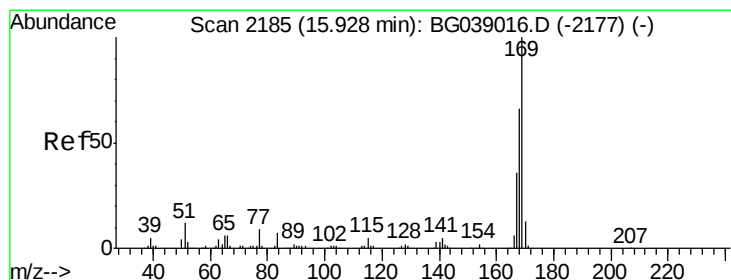
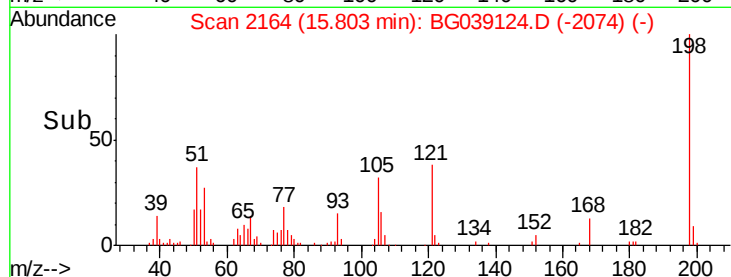
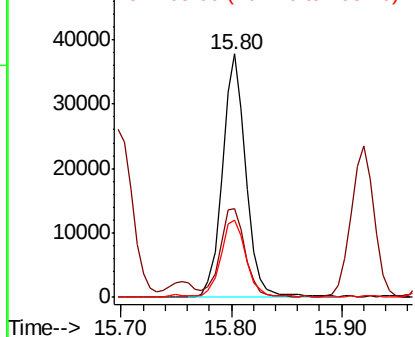
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.039 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB116353BSD

Tgt Ion:198 Resp: 55961
 Ion Ratio Lower Upper
 198 100
 51 36.4 20.8 60.8
 105 31.9 16.1 56.1

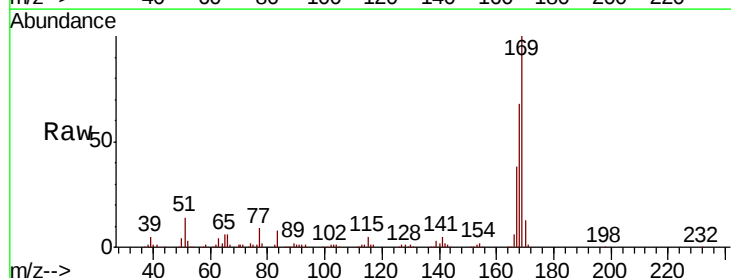


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

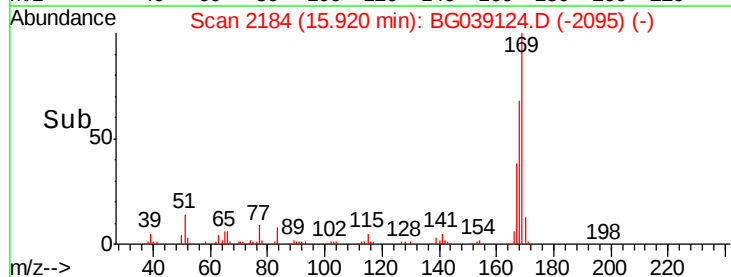
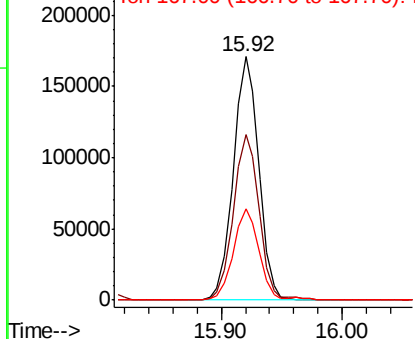


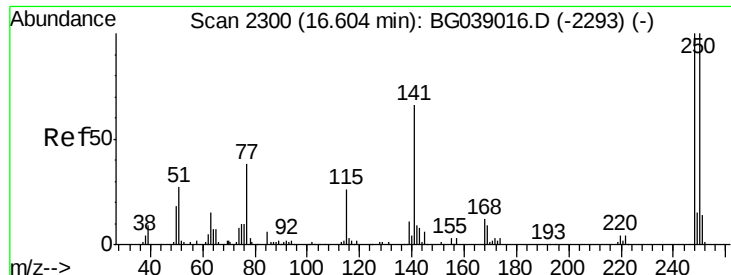
#66
 n-Nitrosodiphenylamine
 Concen: 42.365 ng
 RT: 15.92 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

Tgt Ion:169 Resp: 249385
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.2 79.8
 167 37.5 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

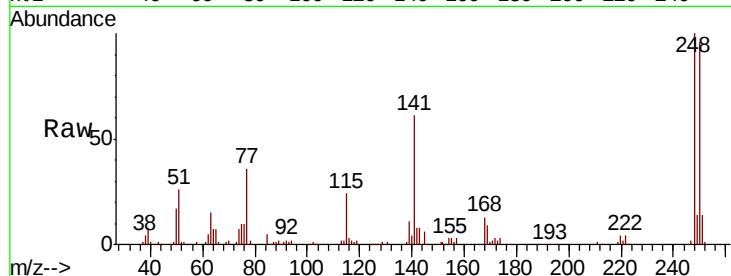




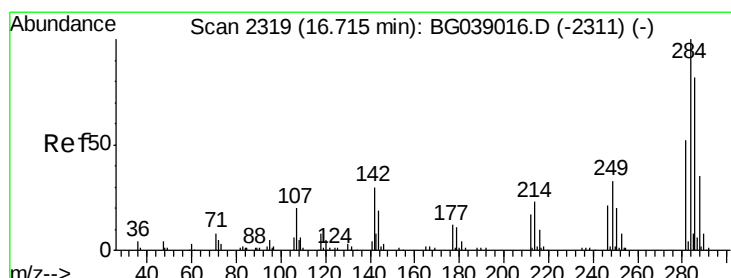
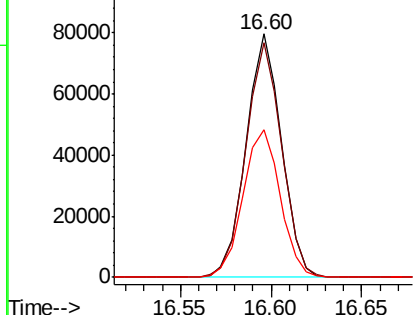
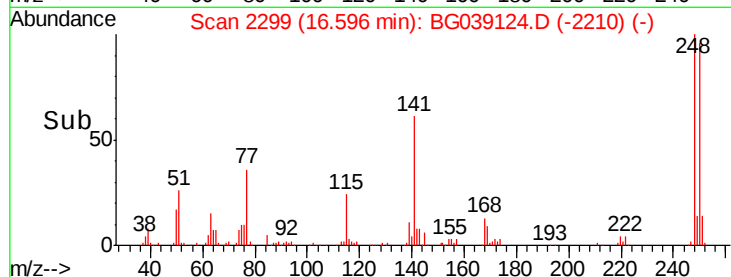
#67
 4-Bromophenyl-phenylether
 Concen: 42.263 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB116353BSD

Tgt Ion:248 Resp: 107877
 Ion Ratio Lower Upper
 248 100
 250 96.2 79.9 119.9
 141 60.6 52.7 79.1

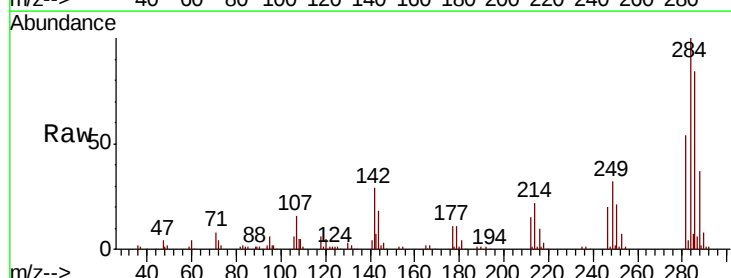


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

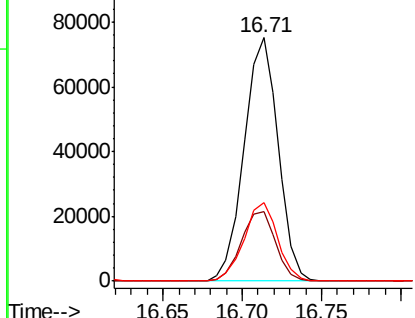
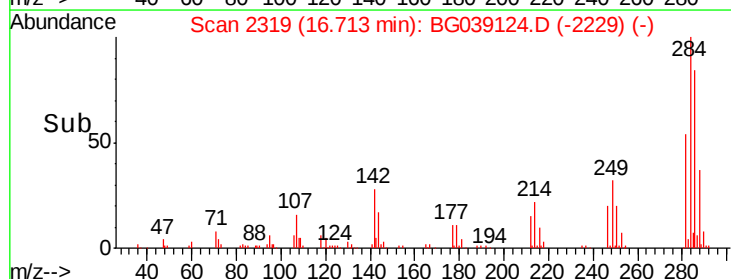


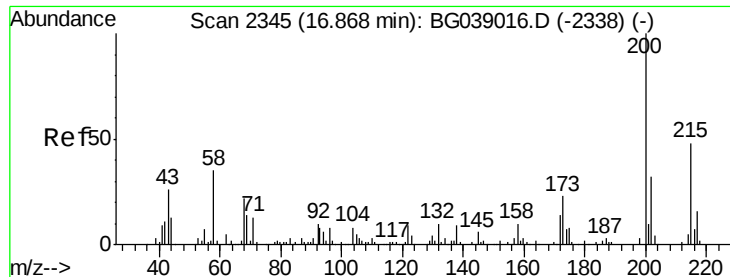
#68
 Hexachlorobenzene
 Concen: 40.235 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

Tgt Ion:284 Resp: 112067
 Ion Ratio Lower Upper
 284 100
 142 28.7 24.3 36.5
 249 32.3 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: 38.173 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB116353BSD

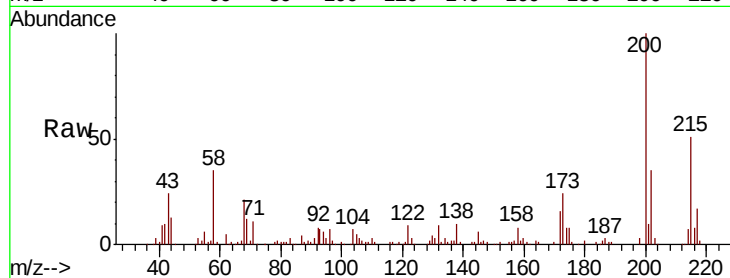
Tgt Ion:200 Resp: 95461

Ion Ratio Lower Upper

200 100

173 23.8 2.6 42.6

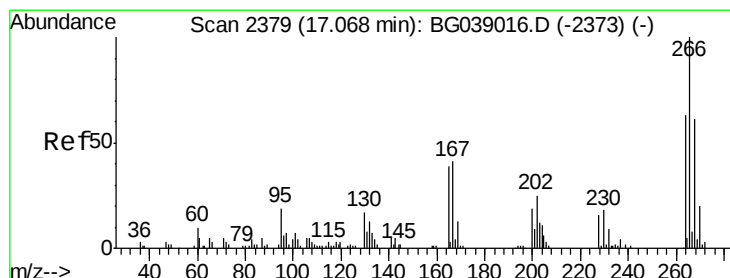
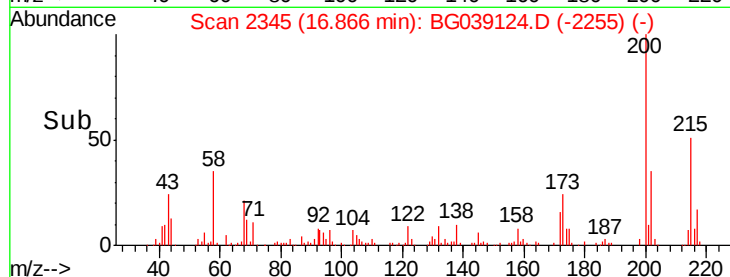
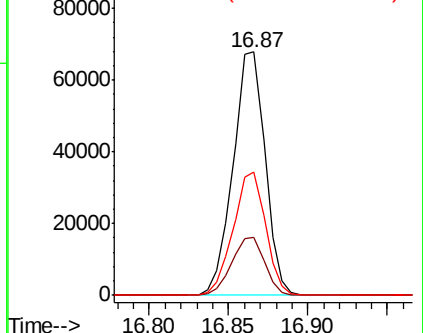
215 50.8 28.0 68.0



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: 66.129 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

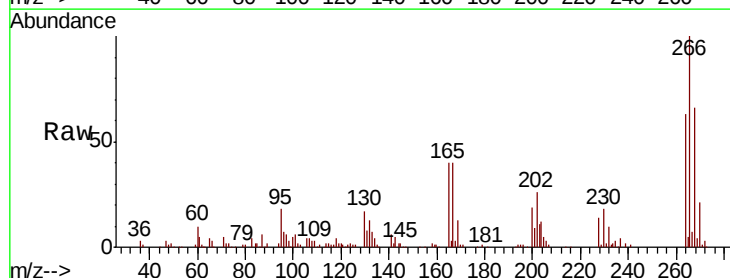
Tgt Ion:266 Resp: 111935

Ion Ratio Lower Upper

266 100

268 66.4 52.0 78.0

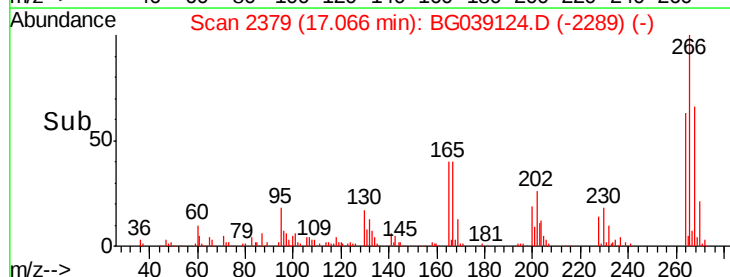
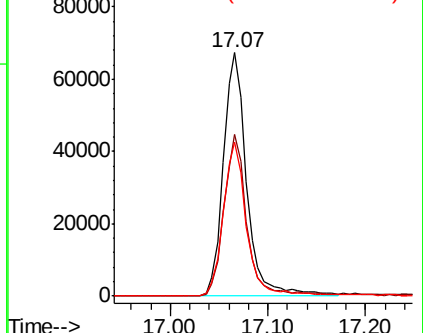
264 63.1 54.6 81.8

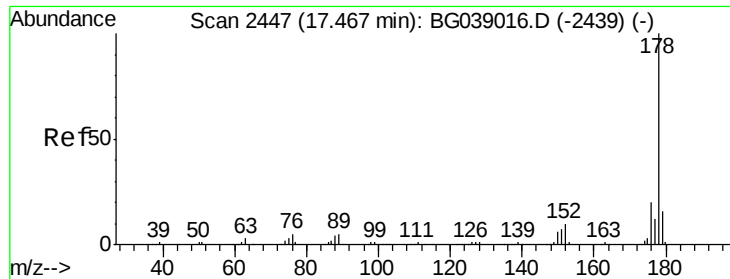


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

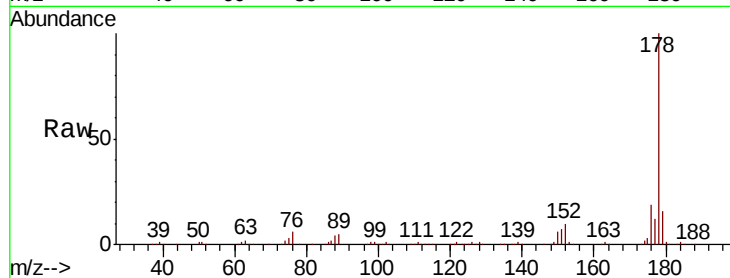




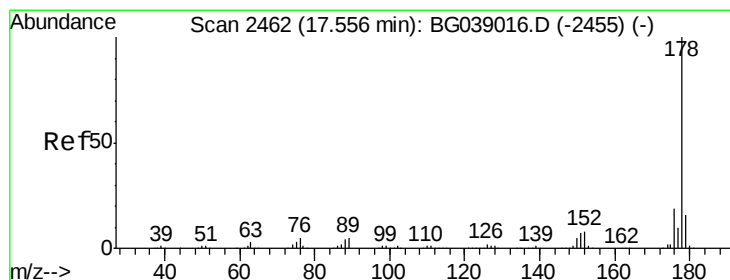
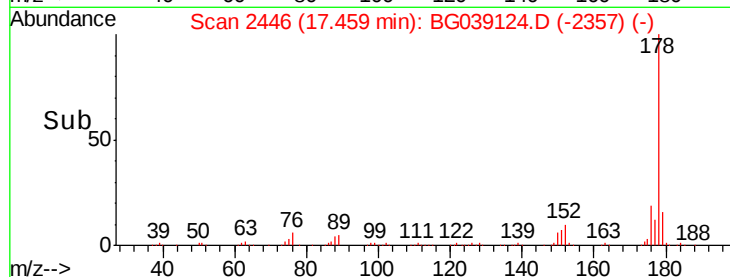
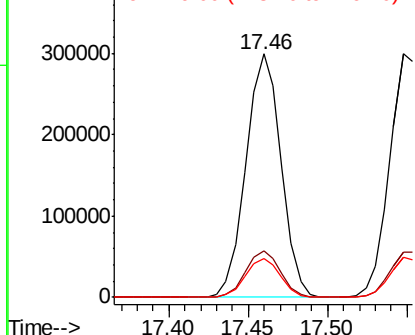
#71
 Phenanthrene
 Concen: 43.838 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB116353BSD

Tgt Ion:178 Resp: 460113
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.7 23.5
 179 16.1 12.9 19.3

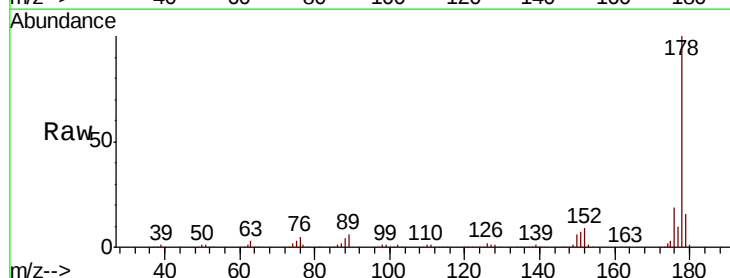


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

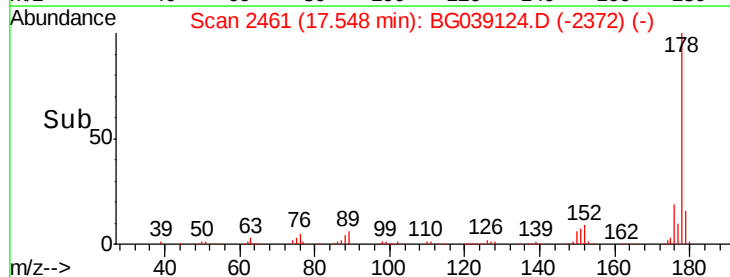
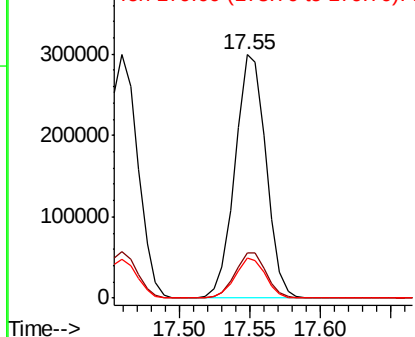


#72
 Anthracene
 Concen: 44.100 ng
 RT: 17.55 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

Tgt Ion:178 Resp: 457656
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.9 22.3
 179 16.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

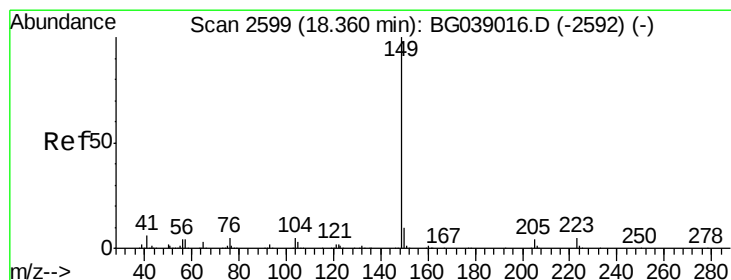
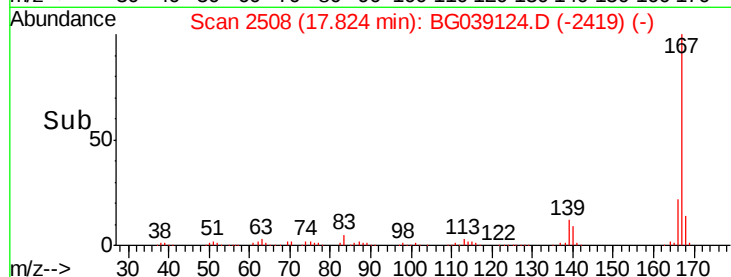
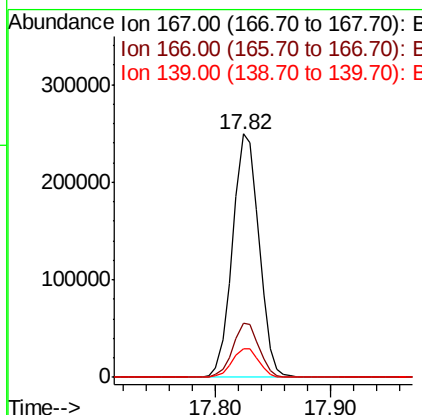
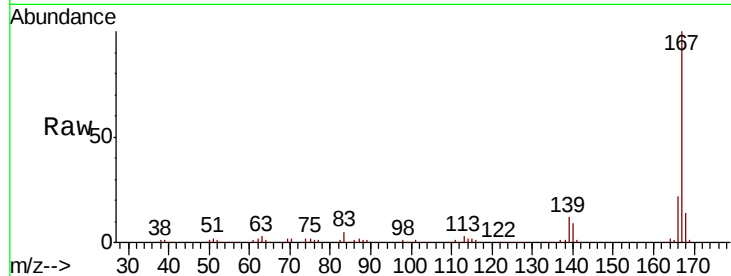




#73
 Carbazole
 Concen: 38.797 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

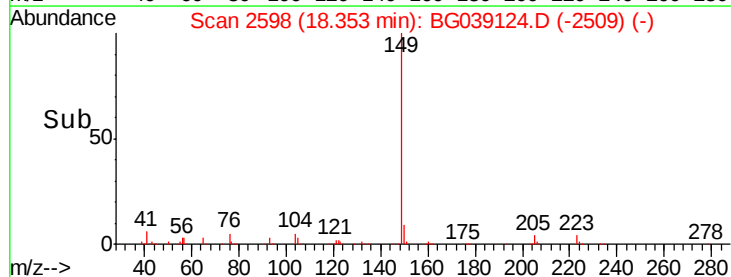
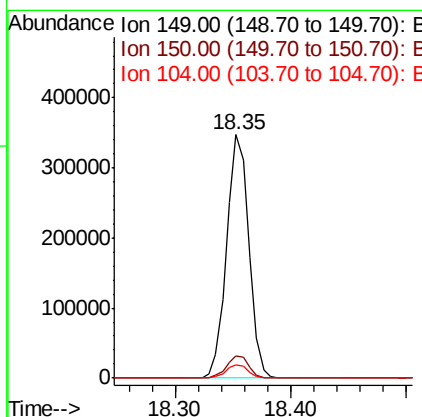
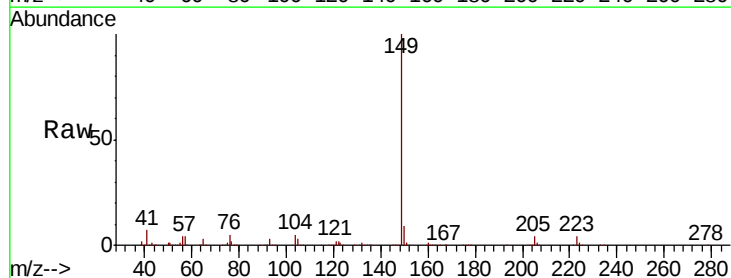
Instrument :
 BNA_G
 ClientSampleId :
 PB116353BSD

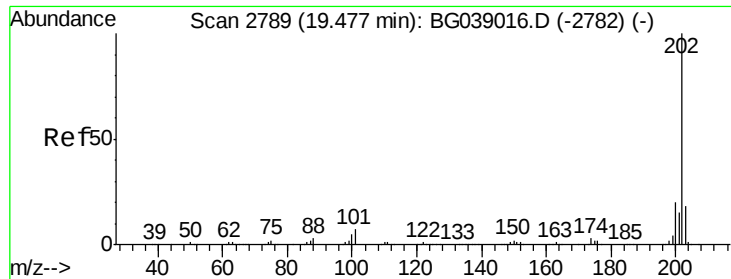
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	16.9	25.3
139	11.9	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 40.499 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.01 min
 Lab File: BG039124.D
 Acq: 14 Jan 2019 17:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.9	11.9
104	5.5	4.2	6.2

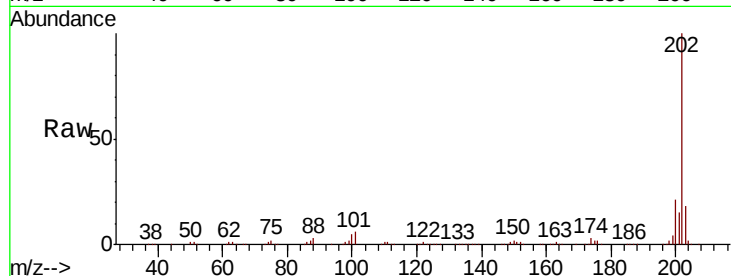




#75
Fluoranthene
Concen: 41.970 ng
RT: 19.47 min Scan# 2788
Delta R.T. -0.01 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

Instrument :
BNA_G
ClientSampleId :
PB116353BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	26.9
203	18.3	0.0	38.1

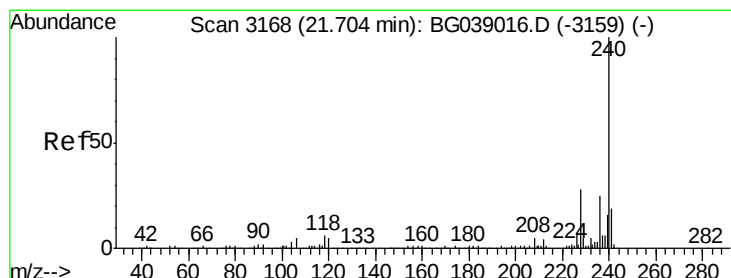
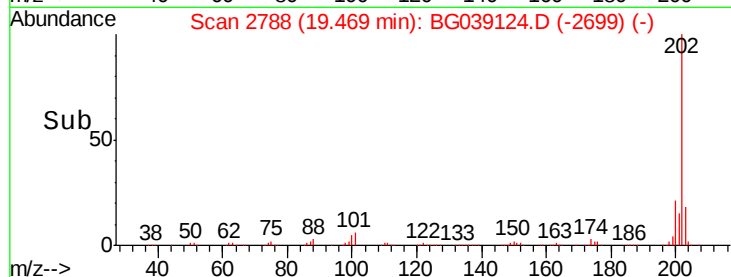
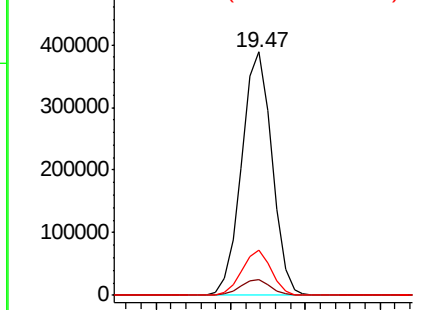


Abundance

Ion 202.00 (201.70 to 202.70): E

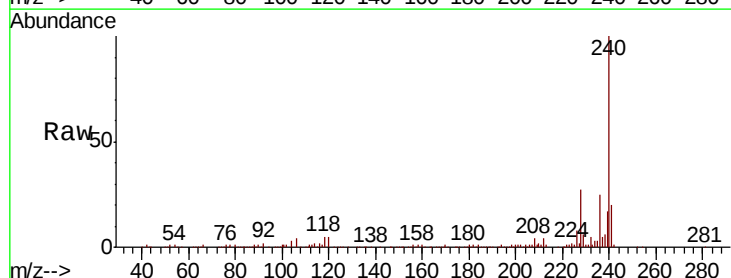
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG039124.D
Acq: 14 Jan 2019 17:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.3	6.5
236	25.1	20.1	30.1

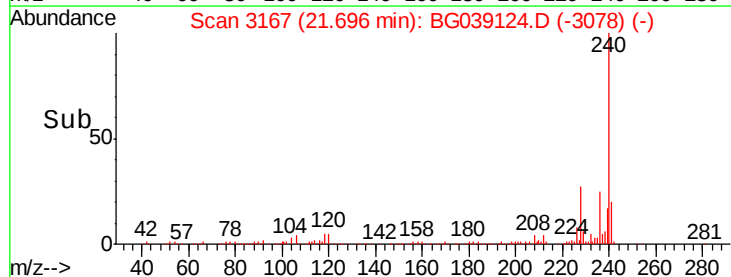
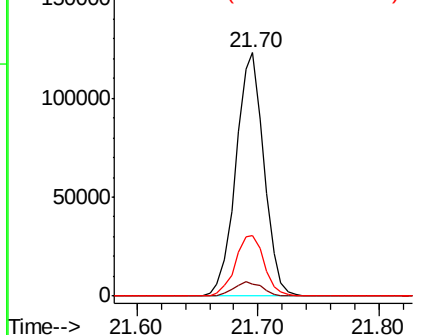


Abundance

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: 28.154 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB116353BSD

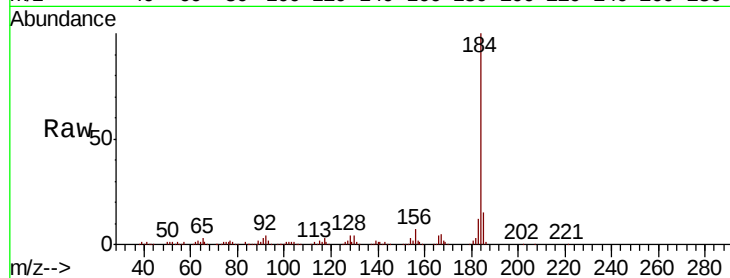
Tgt Ion:184 Resp: 170497

Ion Ratio Lower Upper

184 100

185 15.4 12.1 18.1

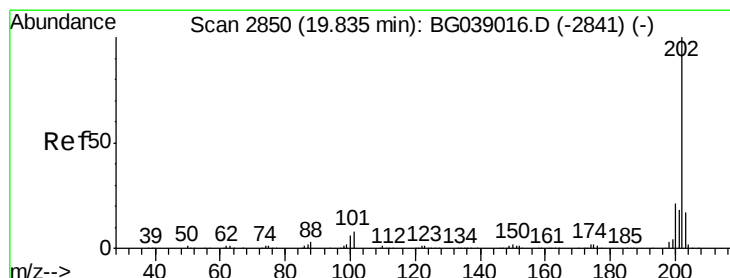
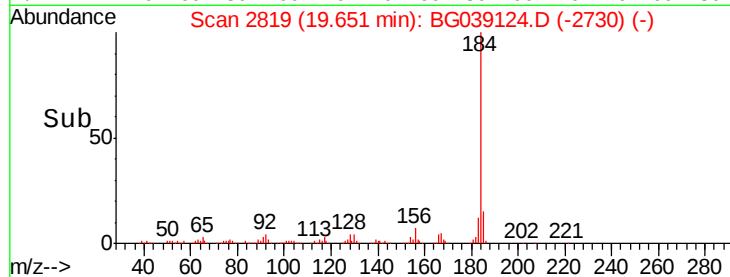
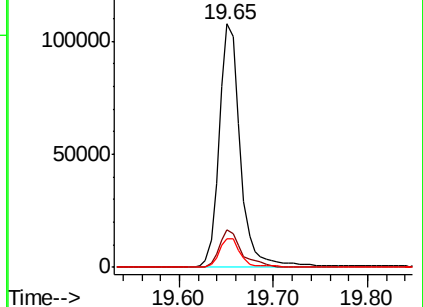
183 11.6 9.5 14.3



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: 42.464 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

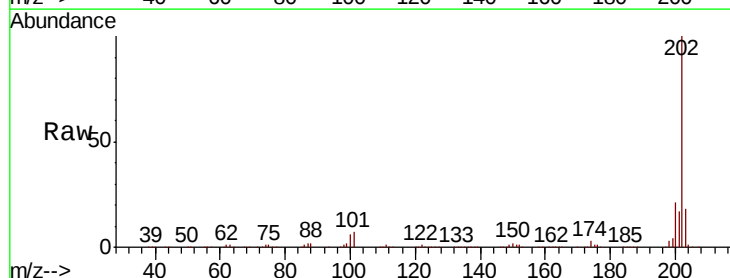
Tgt Ion:202 Resp: 535818

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.6

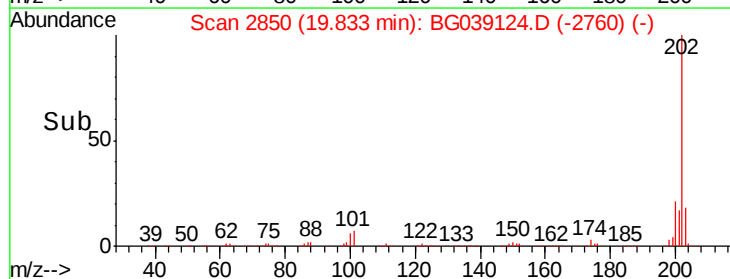
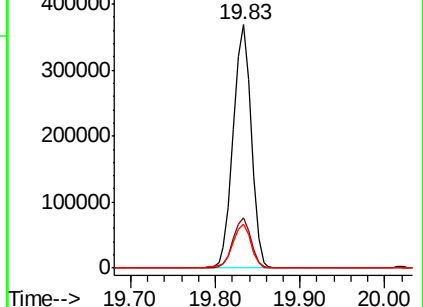
203 17.9 14.0 21.0

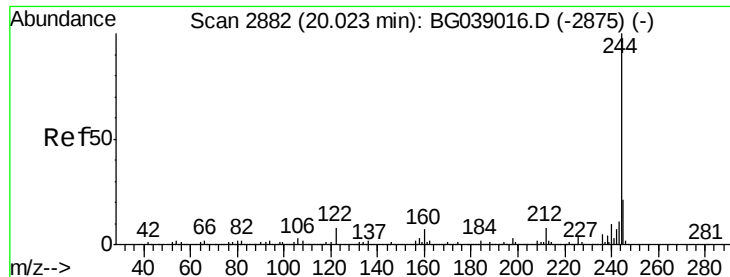


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.851 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB116353BSD

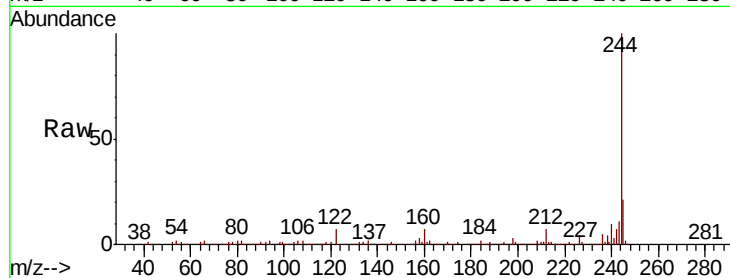
Tgt Ion:244 Resp: 715518

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

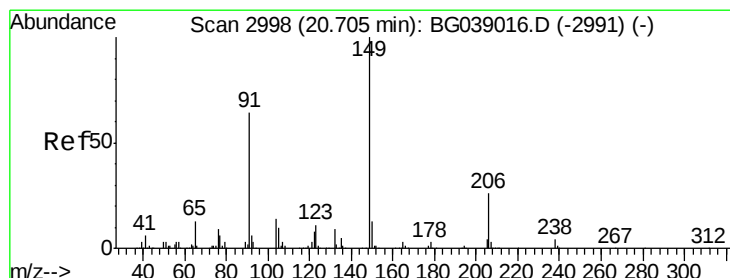
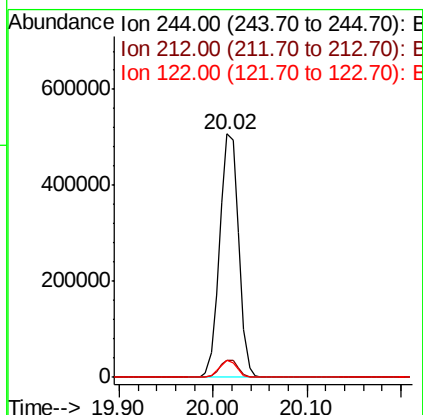
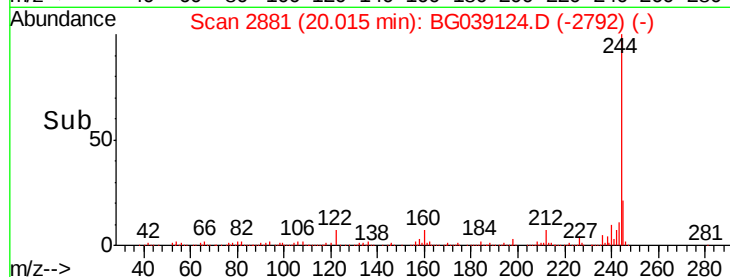
122 7.0 6.1 9.1



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: 41.862 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

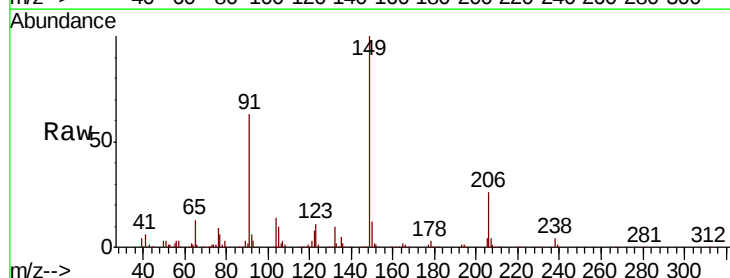
Tgt Ion:149 Resp: 200899

Ion Ratio Lower Upper

149 100

91 63.3 51.4 77.0

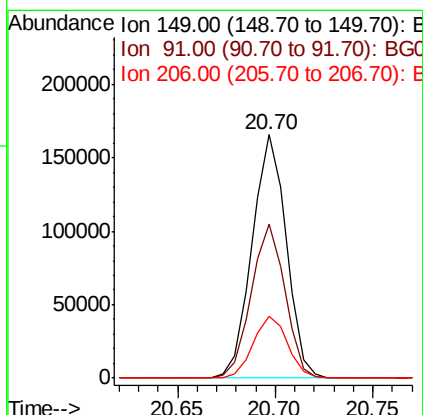
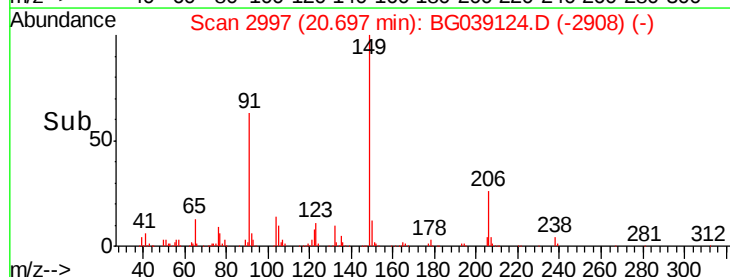
206 25.5 20.4 30.6

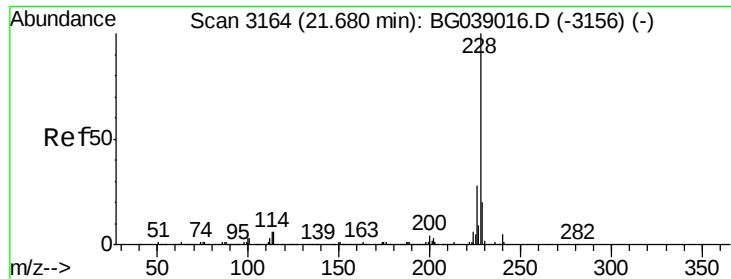


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.077 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB116353BSD

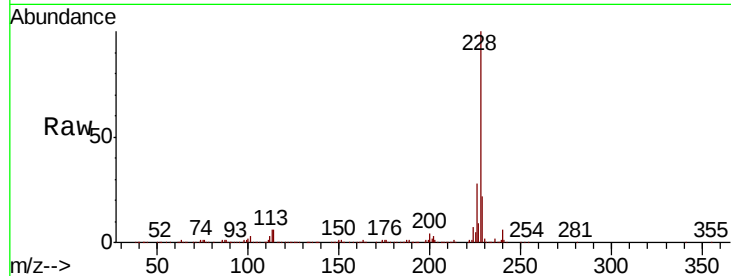
Tgt Ion:228 Resp: 531253

Ion Ratio Lower Upper

228 100

226 28.2 22.4 33.6

229 21.6 16.2 24.2

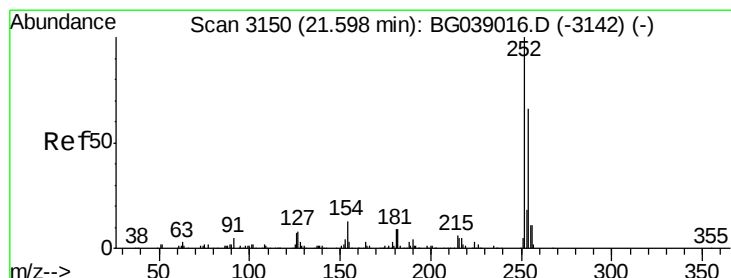
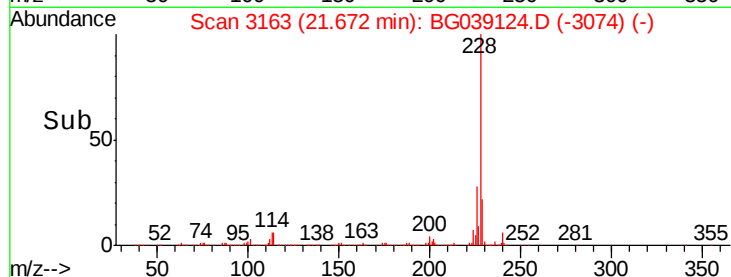
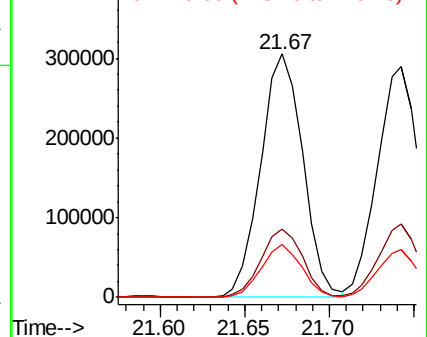


Abundance

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: 33.421 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

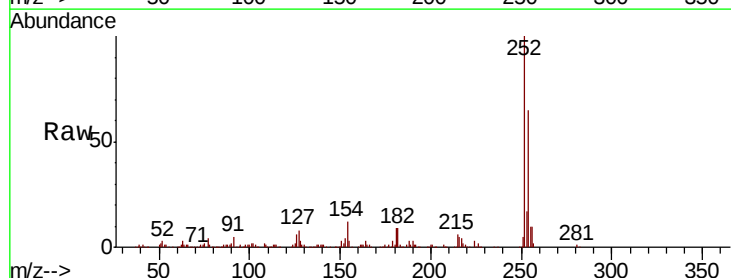
Tgt Ion:252 Resp: 164130

Ion Ratio Lower Upper

252 100

254 65.4 53.0 79.6

126 6.4 6.0 9.0

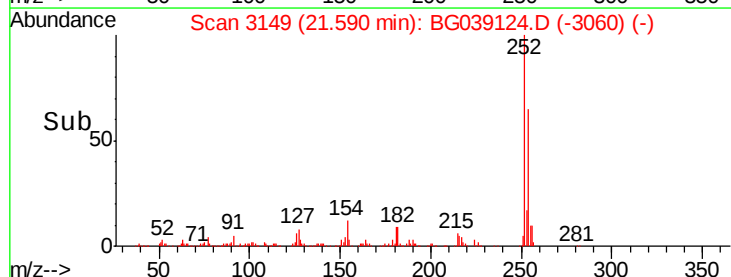
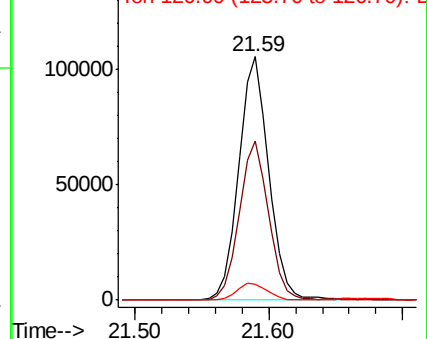


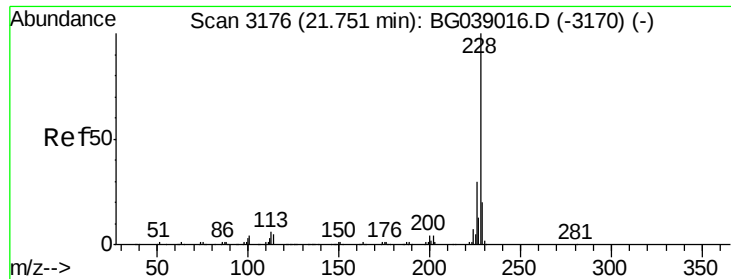
Abundance

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: 43.272 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB116353BSD

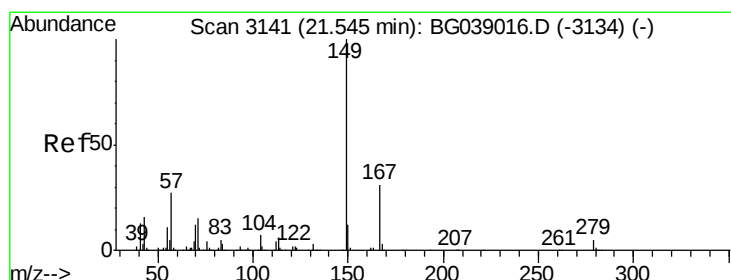
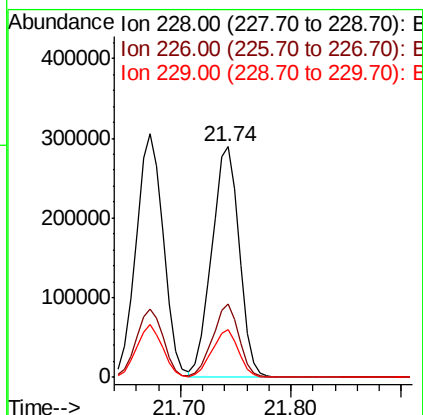
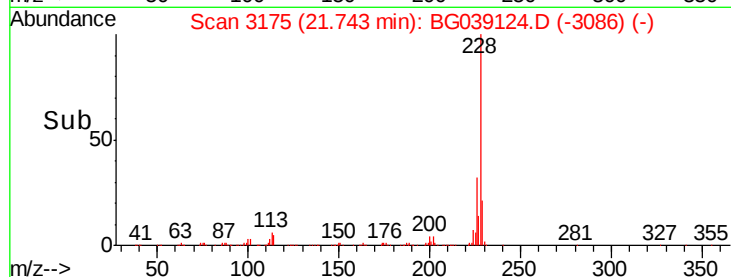
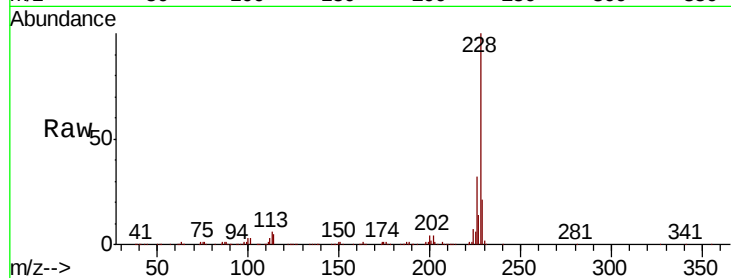
Tgt Ion:228 Resp: 496049

Ion Ratio Lower Upper

228 100

226 31.8 24.1 36.1

229 20.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.904 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

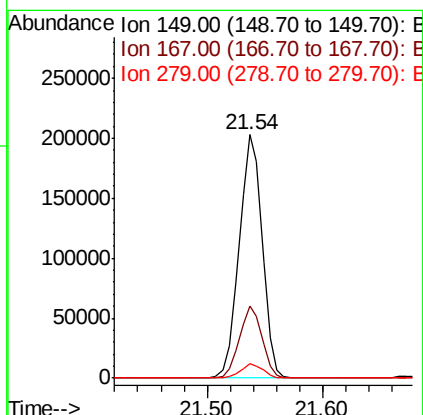
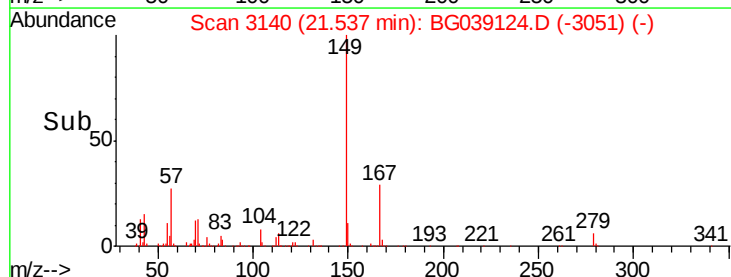
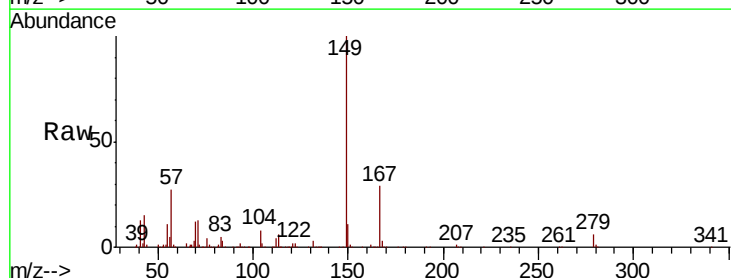
Tgt Ion:149 Resp: 279233

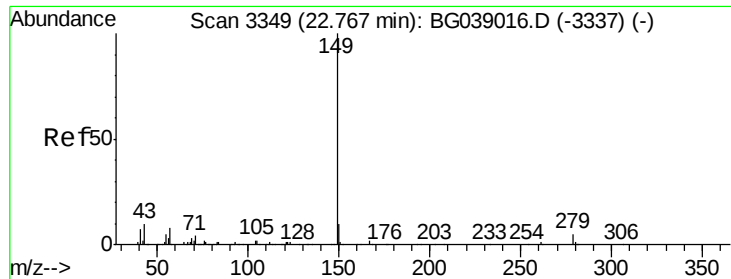
Ion Ratio Lower Upper

149 100

167 29.4 25.0 37.4

279 5.8 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 42.327 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.01 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB116353BSD

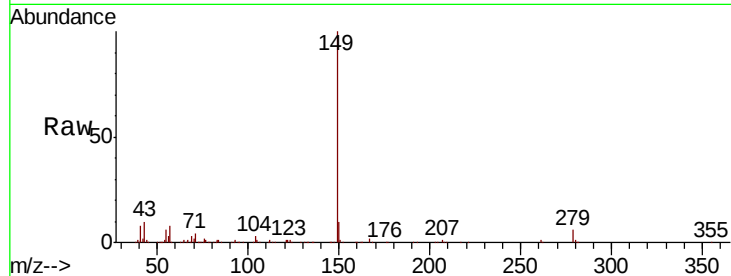
Tgt Ion:149 Resp: 476926

Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9

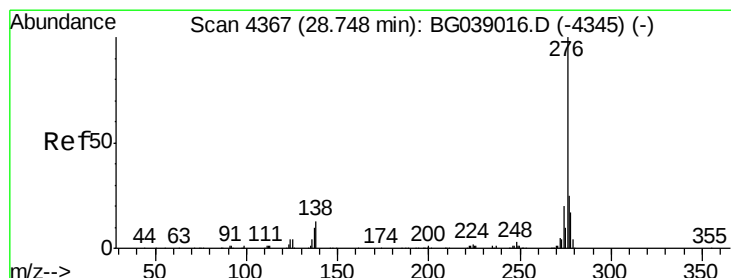
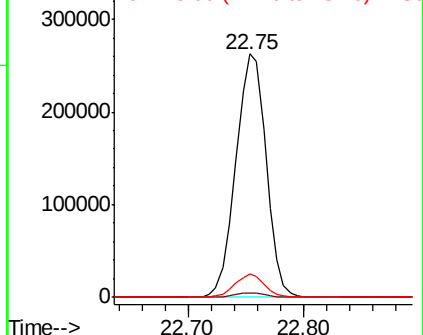
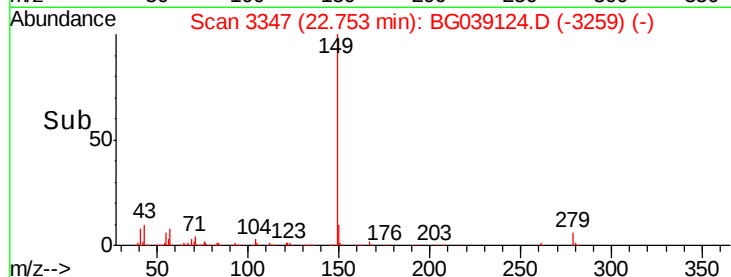
43 9.2 7.5 11.3



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: 50.410 ng

RT: 28.73 min Scan# 4365

Delta R.T. -0.01 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

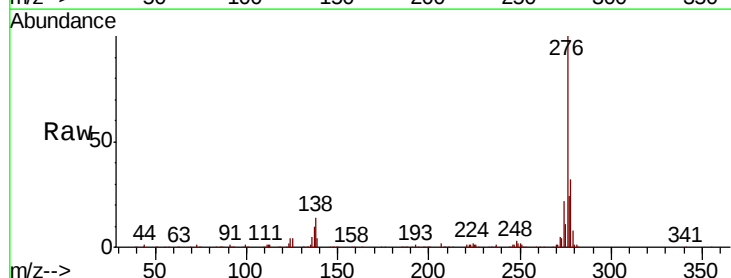
Tgt Ion:276 Resp: 690504

Ion Ratio Lower Upper

276 100

138 10.1 8.0 12.0

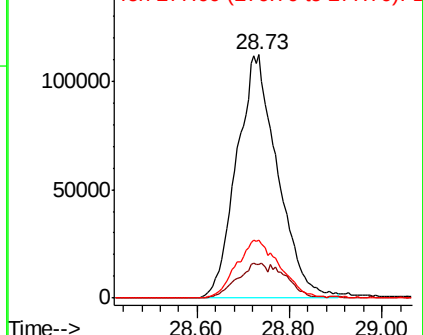
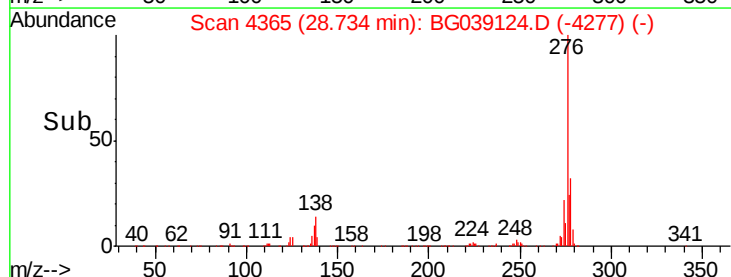
277 25.3 20.3 30.5

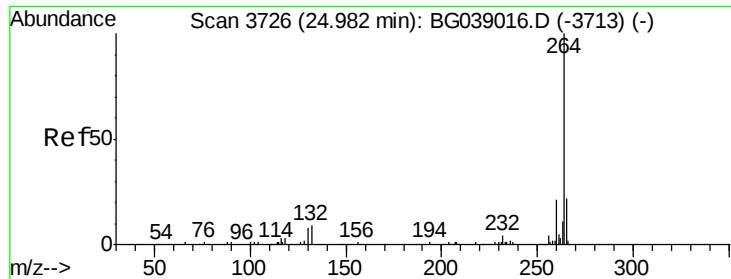


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.01 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB116353BSD

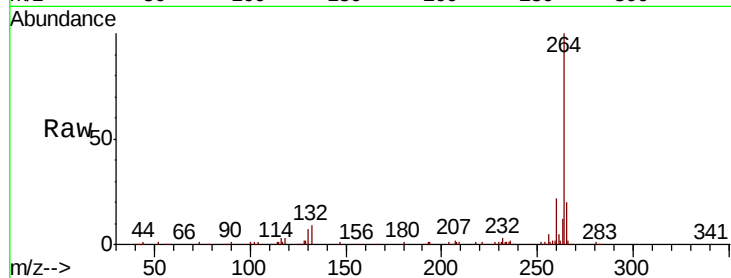
Tgt Ion:264 Resp: 177335

Ion Ratio Lower Upper

264 100

260 22.3 17.0 25.6

265 20.4 17.2 25.8

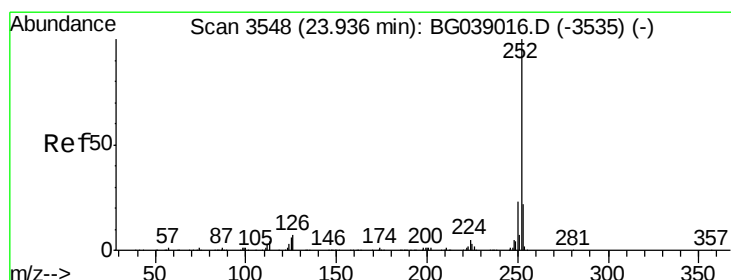
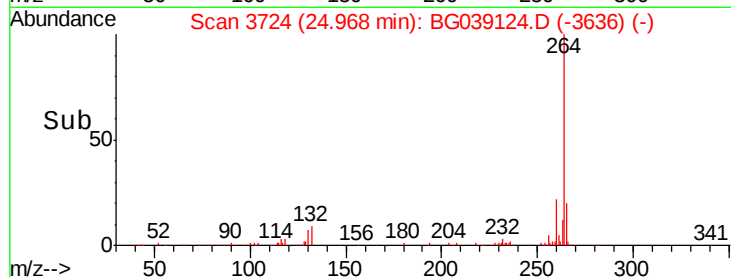
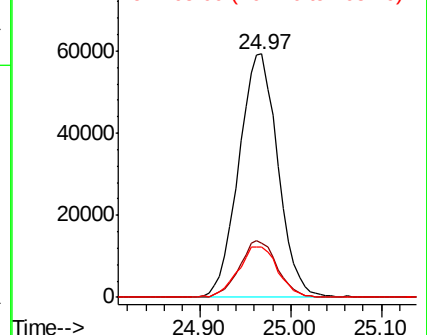


Abundance

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: 54.537 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.02 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

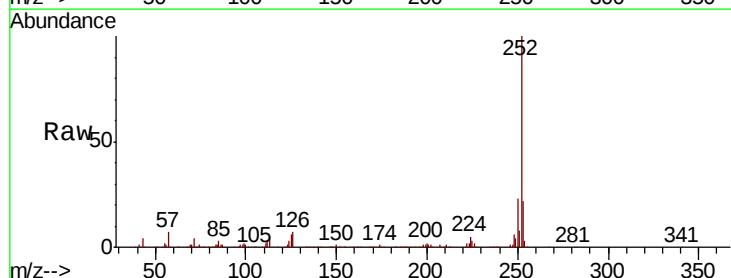
Tgt Ion:252 Resp: 533280

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 5.6 4.9 7.3

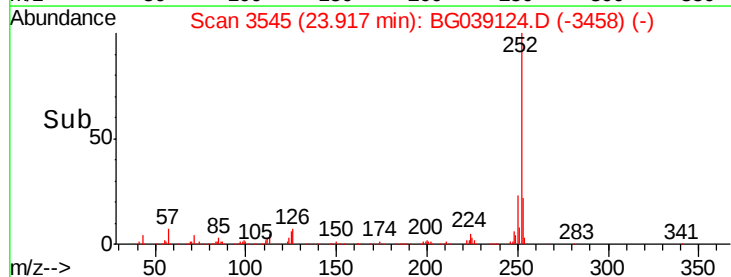
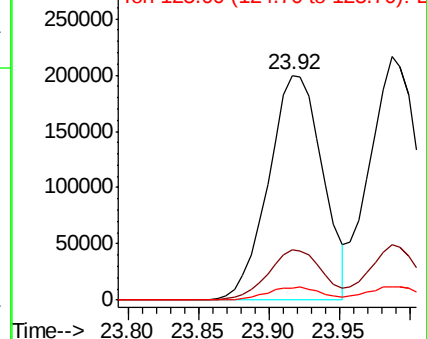


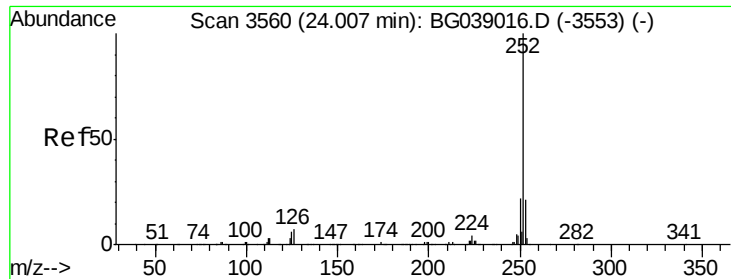
Abundance

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: 53.473 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.02 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB116353BSD

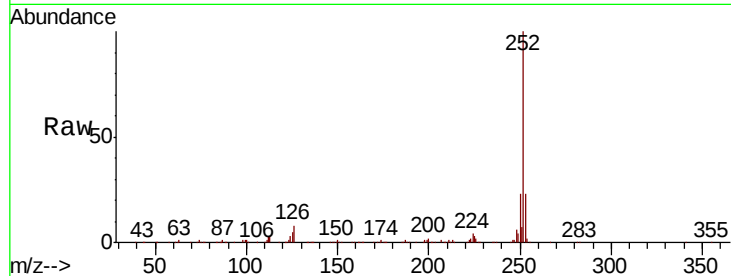
Tgt Ion:252 Resp: 516975

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

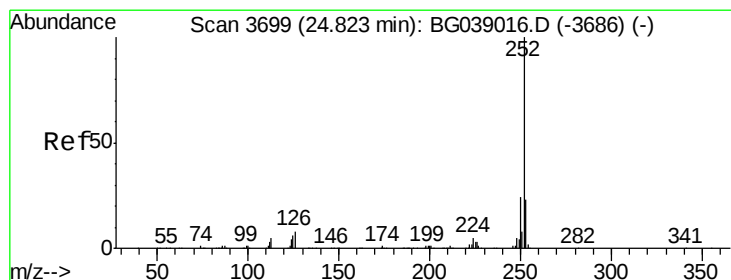
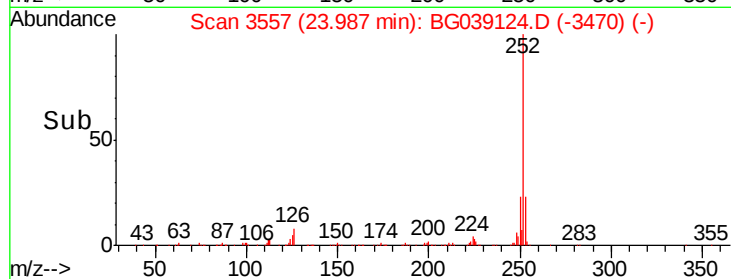
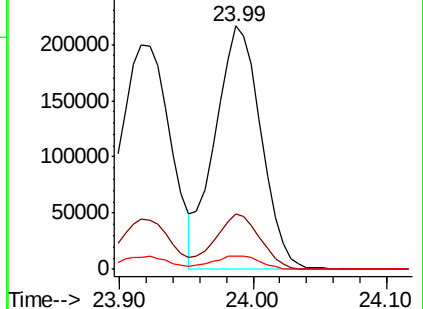
125 5.4 4.6 7.0



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: 54.702 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.01 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

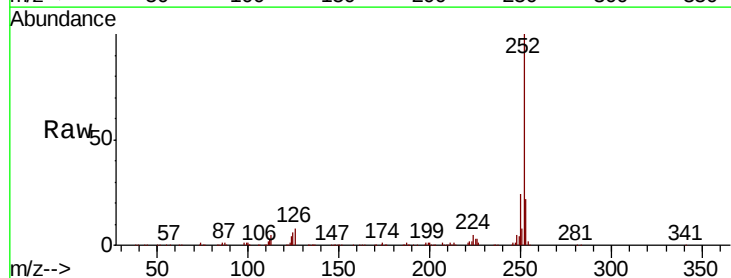
Tgt Ion:252 Resp: 517007

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

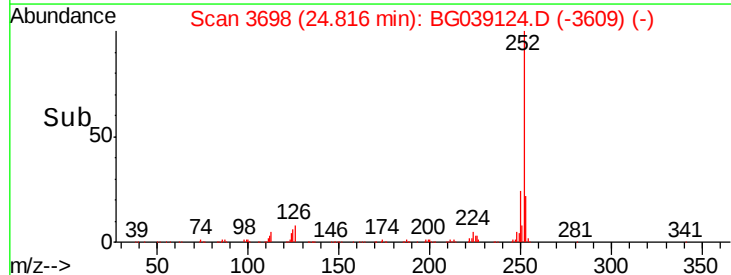
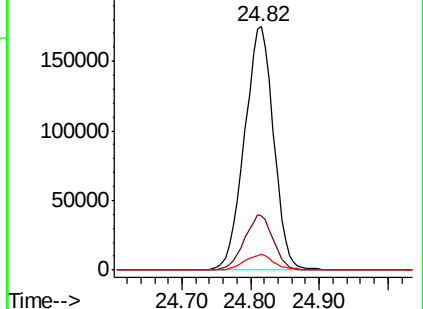
125 6.5 4.9 7.3

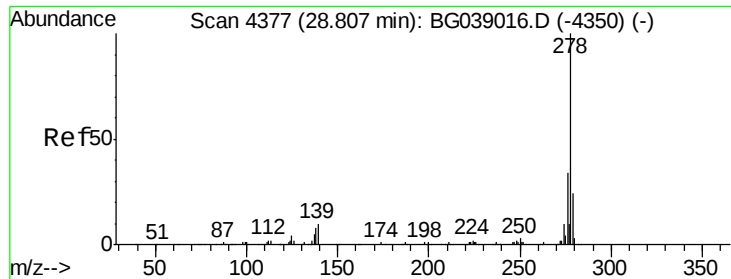


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 59.816 ng

RT: 28.78 min Scan# 4372

Delta R.T. -0.03 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

Instrument :

BNA_G

ClientSampleId :

PB116353BSD

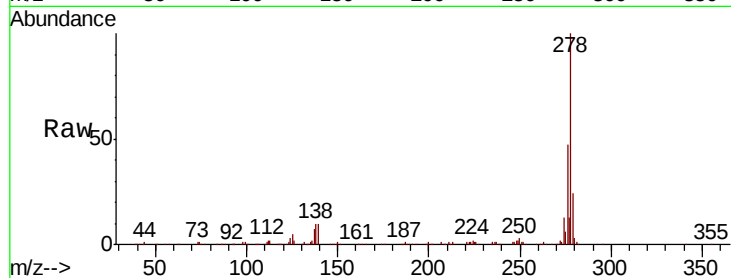
Tgt Ion:278 Resp: 562330

Ion Ratio Lower Upper

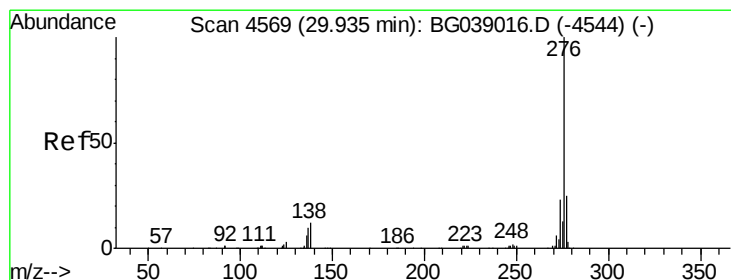
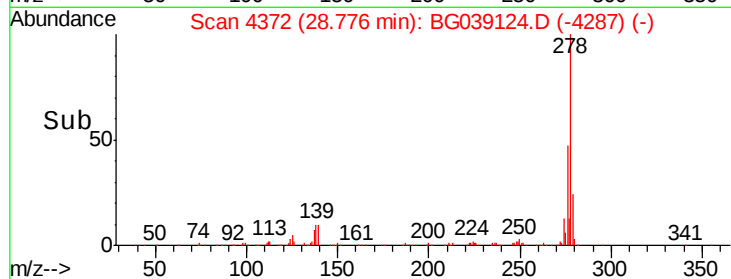
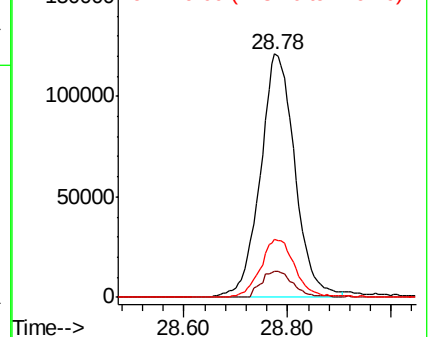
278 100

139 10.4 7.9 11.9

279 23.6 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 63.037 ng

RT: 29.91 min Scan# 4565

Delta R.T. -0.03 min

Lab File: BG039124.D

Acq: 14 Jan 2019 17:11

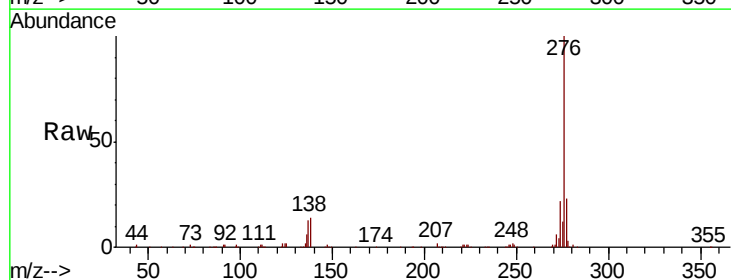
Tgt Ion:276 Resp: 586681

Ion Ratio Lower Upper

276 100

277 22.7 20.3 30.5

138 14.0 9.4 14.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

