

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022619\
 Data File : BG039598.D
 Acq On : 26 Feb 2019 13:24
 Operator : JU/SJ
 Sample : PB117389BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117389BS

Quant Time: Feb 26 23:56:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	54131	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	220268	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	144304	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	357530	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	384871	20.00	ng	-0.02
87) Perylene-d12	25.20	264	360822	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	486430	153.80	ng	0.00
7) Phenol-d6	7.32	99	675194	145.03	ng	0.00
23) Nitrobenzene-d5	9.34	82	330309	93.68	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	258543	166.38	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	786017	78.14	ng	-0.02
79) Terphenyl-d14	20.12	244	1433434	78.84	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	51997	37.584	ng	99
3) Pyridine	4.00	79	139485	38.080	ng	97
4) n-Nitrosodimethylamine	3.92	42	74865	40.868	ng	93
6) Aniline	7.49	93	168210	28.846	ng	96
8) 2-Chlorophenol	7.73	128	149489	43.240	ng	96
9) Benzaldehyde	7.31	77	50868	18.406	ng	94
10) Phenol	7.35	94	207425	42.742	ng	96
11) bis(2-Chloroethyl)ether	7.58	93	145720	38.000	ng	98
12) 1,3-Dichlorobenzene	8.05	146	159610	38.110	ng	97
13) 1,4-Dichlorobenzene	8.21	146	165070	39.544	ng	97
14) 1,2-Dichlorobenzene	8.52	146	153657	38.023	ng	99
15) Benzyl Alcohol	8.40	79	140214	38.363	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	286423	33.075	ng	98
17) 2-Methylphenol	8.60	107	133687	42.569	ng	99
18) Hexachloroethane	9.25	117	57616	40.118	ng	93
19) n-Nitroso-di-n-propylamine	8.97	70	116548	35.272	ng	96
20) 3+4-Methylphenols	8.93	107	184166	42.585	ng	98
22) Acetophenone	9.00	105	227404	38.434	ng	# 95
24) Nitrobenzene	9.39	77	174082	45.701	ng	99
25) Isophorone	9.90	82	325764	41.693	ng	96
26) 2-Nitrophenol	10.10	139	86851	55.414	ng	97
27) 2,4-Dimethylphenol	10.14	122	155502	49.199	ng	93
28) bis(2-Chloroethoxy)methane	10.38	93	203881	42.364	ng	98
29) 2,4-Dichlorophenol	10.63	162	161402	46.723	ng	97
30) 1,2,4-Trichlorobenzene	10.84	180	163817	42.240	ng	100
31) Naphthalene	11.04	128	469528	42.968	ng	99
32) Benzoic acid	10.27	122	91313	44.848	ng	97
33) 4-Chloroaniline	11.15	127	114153	22.530	ng	97
34) Hexachlorobutadiene	11.30	225	106234	41.189	ng	92
35) Caprolactam	11.93	113	38494	26.929	ng	# 85
36) 4-Chloro-3-methylphenol	12.25	107	170348	42.640	ng	96
37) 2-Methylnaphthalene	12.63	142	351173	43.390	ng	97
38) 1-Methylnaphthalene	12.85	142	334918	42.929	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	192887	42.011	ng	99

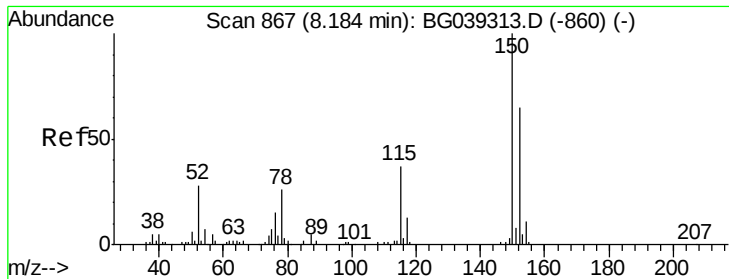
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022619\
 Data File : BG039598.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	251982	100.717	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	134349	47.591	ng	98
44) 2,4,5-Trichlorophenol	13.30	196	141673	47.883	ng	98
46) 1,1'-Biphenyl	13.63	154	463792	38.629	ng	99
47) 2-Chloronaphthalene	13.67	162	364123	40.314	ng	97
48) 2-Nitroaniline	13.89	65	122286	47.281	ng	96
49) Acenaphthylene	14.52	152	574580	42.159	ng	99
50) Dimethylphthalate	14.24	163	478658	41.070	ng	100
51) 2,6-Dinitrotoluene	14.37	165	105973	48.563	ng	94
52) Acenaphthene	14.85	154	354530	40.075	ng	99
53) 3-Nitroaniline	14.70	138	73806	33.406	ng	# 98
54) 2,4-Dinitrophenol	14.90	184	126110	110.399	ng	99
55) Dibenzofuran	15.19	168	569563	40.154	ng	99
56) 4-Nitrophenol	15.00	139	194963	91.614	ng	91
57) 2,4-Dinitrotoluene	15.15	165	153491	53.869	ng	87
58) Fluorene	15.84	166	453420	42.881	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	143184	51.685	ng	95
60) Diethylphthalate	15.59	149	482723	40.060	ng	98
61) 4-Chlorophenyl-phenylether	15.82	204	239436	39.991	ng	98
62) 4-Nitroaniline	15.87	138	115911	47.478	ng	93
63) Azobenzene	16.11	77	432297	36.705	ng	98
65) 4,6-Dinitro-2-methylphenol	15.91	198	88779	58.139	ng	95
66) n-Nitrosodiphenylamine	16.04	169	417913	38.442	ng	100
67) 4-Bromophenyl-phenylether	16.72	248	156594	39.480	ng	95
68) Hexachlorobenzene	16.83	284	162542	40.845	ng	95
69) Atrazine	16.98	200	169909	42.768	ng	97
70) Pentachlorophenol	17.18	266	214830	77.673	ng	98
71) Phenanthrene	17.58	178	772598	41.751	ng	99
72) Anthracene	17.67	178	783298	42.974	ng	98
73) Carbazole	17.94	167	706001	38.812	ng	98
74) Di-n-butylphthalate	18.47	149	869786	40.986	ng	100
75) Fluoranthene	19.58	202	972885	45.296	ng	99
77) Benzidine	19.76	184	340935	27.019	ng	99
78) Pyrene	19.94	202	969717	40.474	ng	98
80) Butylbenzylphthalate	20.81	149	421754	41.729	ng	95
81) Benzo(a)anthracene	21.80	228	970130	42.658	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	245754	29.144	ng	99
83) Chrysene	21.87	228	907262	41.908	ng	100
84) Bis(2-ethylhexyl)phthalate	21.67	149	582426	40.393	ng	99
85) Di-n-octyl phthalate	22.93	149	990635	41.586	ng	95
86) Indeno(1,2,3-cd)pyrene	29.09	276	1073196	46.204	ng	97
88) Benzo(b)fluoranthene	24.12	252	931225	47.324	ng	98
89) Benzo(k)fluoranthene	24.20	252	908156	45.969	ng	99
90) Benzo(a)pyrene	25.05	252	915875	48.328	ng	99
91) Dibenzo(a,h)anthracene	29.16	278	866252	48.810	ng	98
92) Benzo(g,h,i)perylene	30.32	276	877867	49.626	ng	98

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

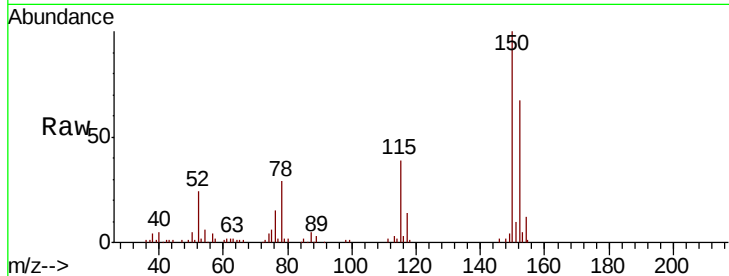


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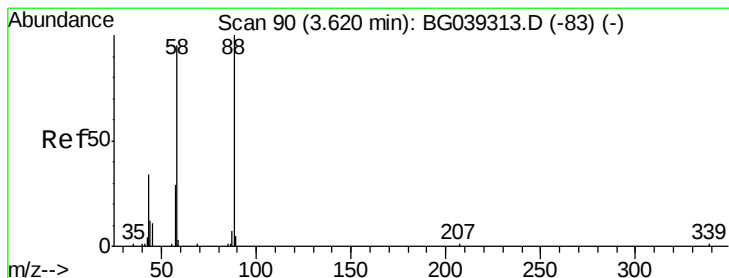
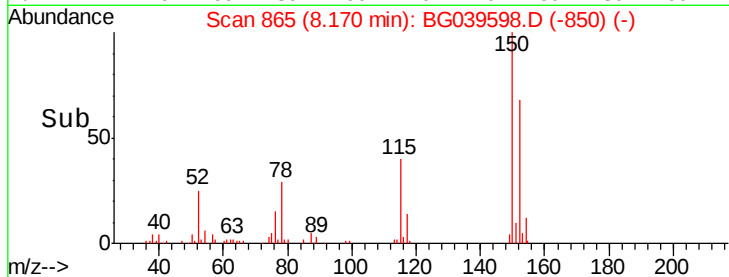
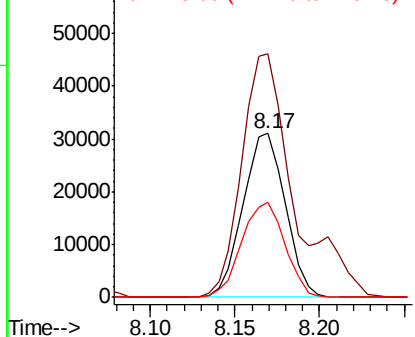
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

Instrument :
BNA_G
ClientSampleId :
PB117389BS

Tgt Ion:152 Resp: 54131
Ion Ratio Lower Upper
152 100
150 148.6 123.7 185.5
115 57.9 45.9 68.9



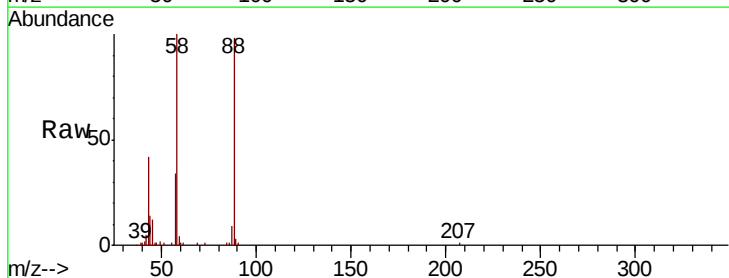
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



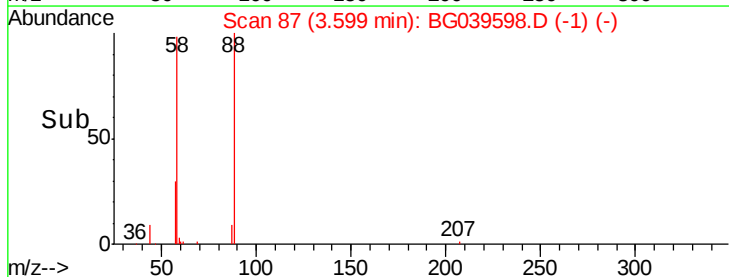
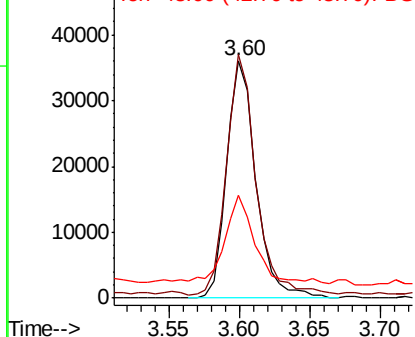
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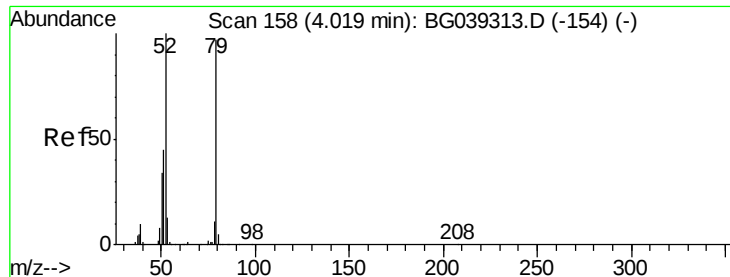
1,4-Dioxane
Concen: 37.584 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

Tgt Ion: 88 Resp: 51997
Ion Ratio Lower Upper
88 100
58 101.1 81.1 121.7
43 36.9 31.4 47.0



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: 38.080 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.02 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

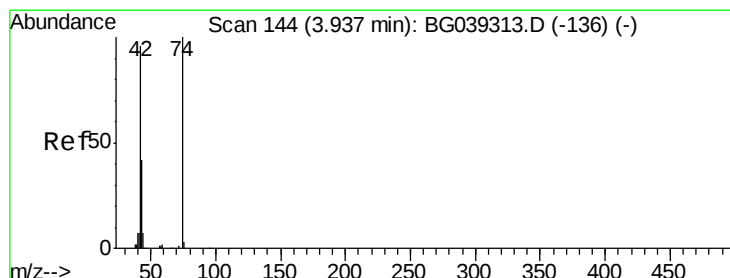
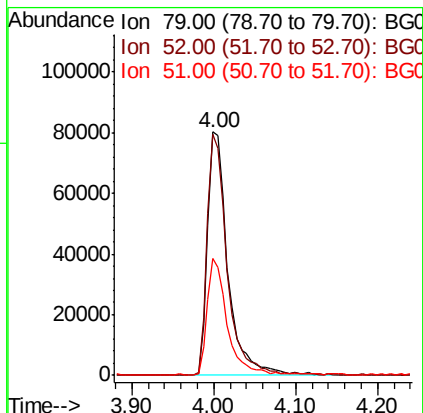
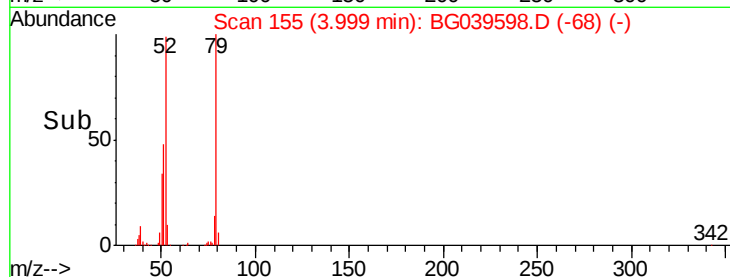
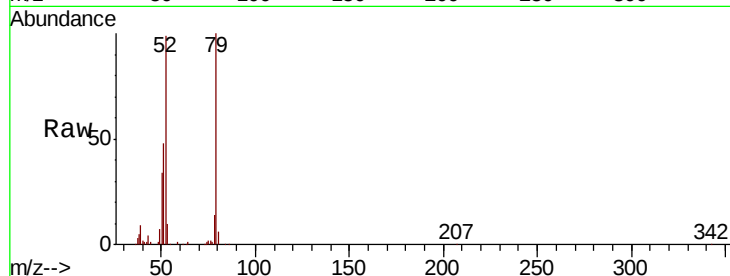
Tgt Ion: 79 Resp: 139485

Ion Ratio Lower Upper

79 100

52 99.2 82.6 124.0

51 48.1 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 40.868 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

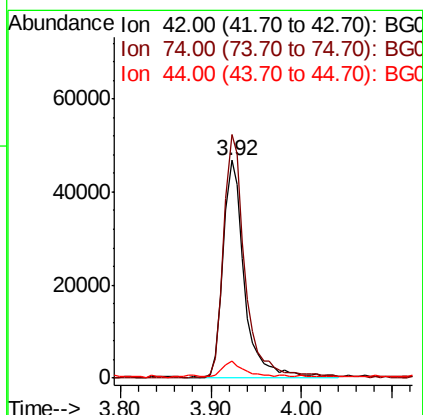
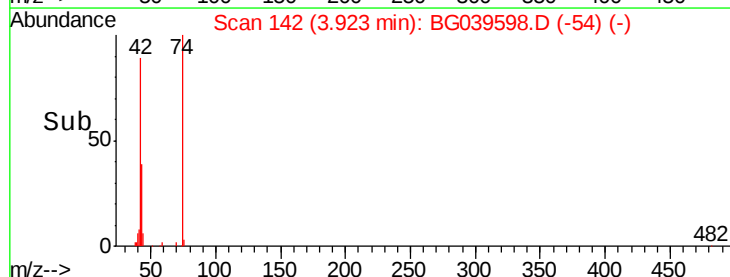
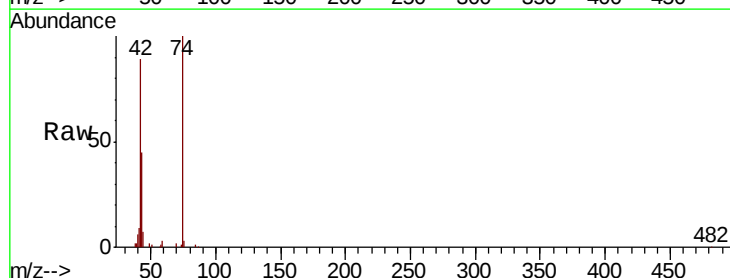
Tgt Ion: 42 Resp: 74865

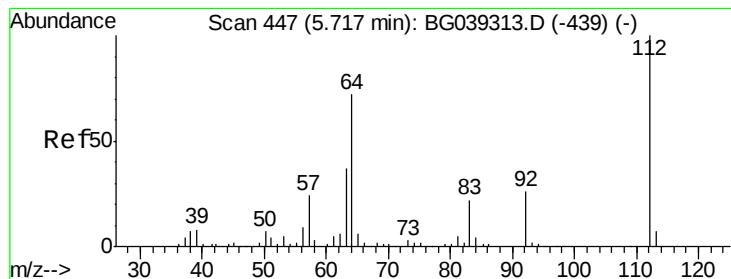
Ion Ratio Lower Upper

42 100

74 111.9 83.6 125.4

44 7.8 6.9 10.3





#5

2-Fluorophenol

Concen: 153.799 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

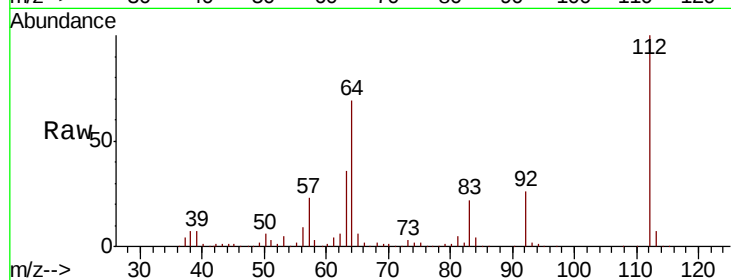
Tgt Ion: 112 Resp: 486430

Ion Ratio Lower Upper

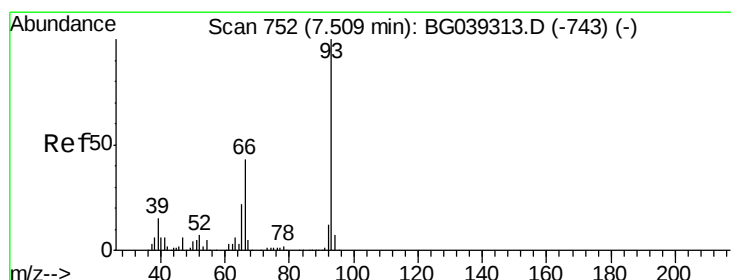
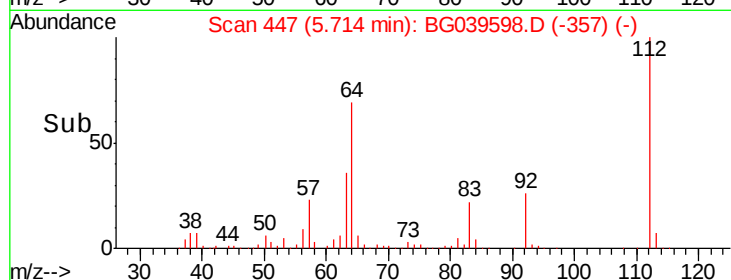
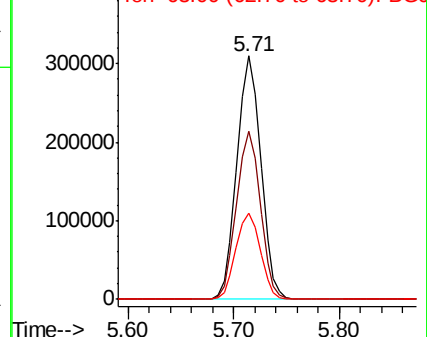
112 100

64 68.8 57.8 86.8

63 35.6 29.8 44.6



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: 28.846 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

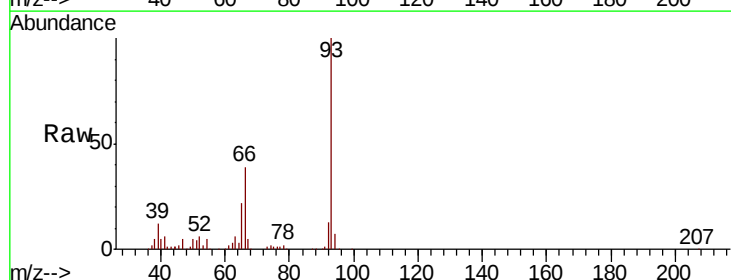
Tgt Ion: 93 Resp: 168210

Ion Ratio Lower Upper

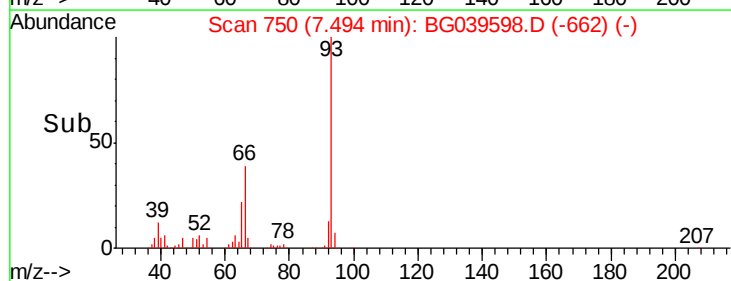
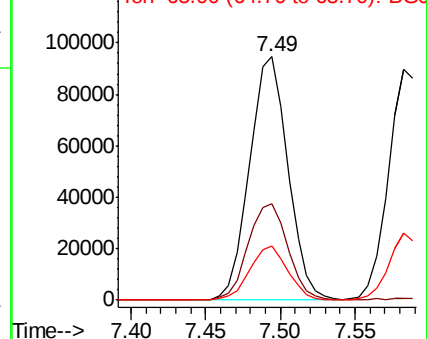
93 100

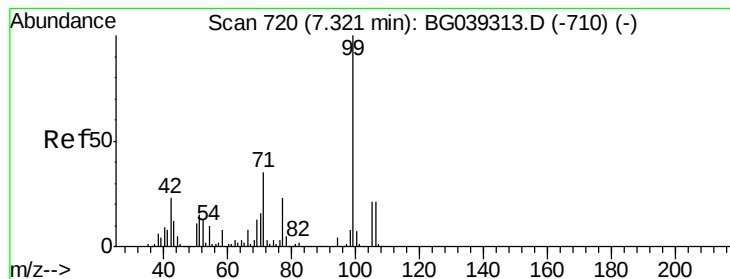
66 39.4 34.2 51.4

65 22.0 17.7 26.5



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: 145.031 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

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ClientSampleId :

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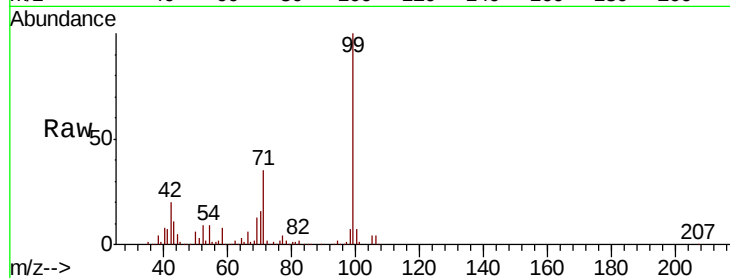
Tgt Ion: 99 Resp: 675194

Ion Ratio Lower Upper

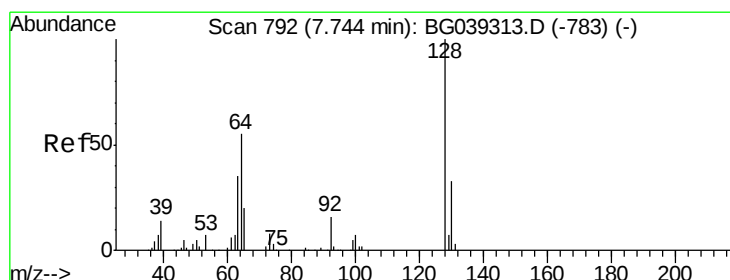
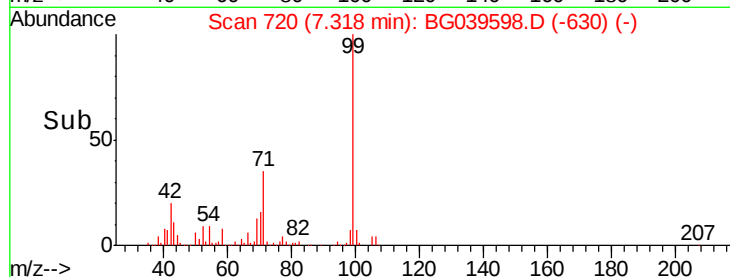
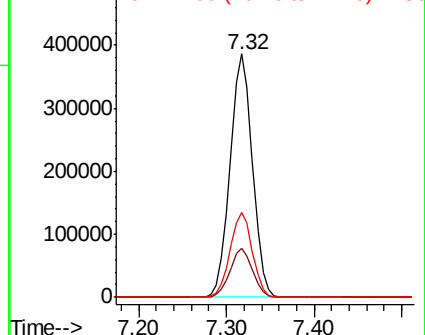
99 100

42 20.0 18.2 27.2

71 34.7 28.0 42.0



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: 43.240 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

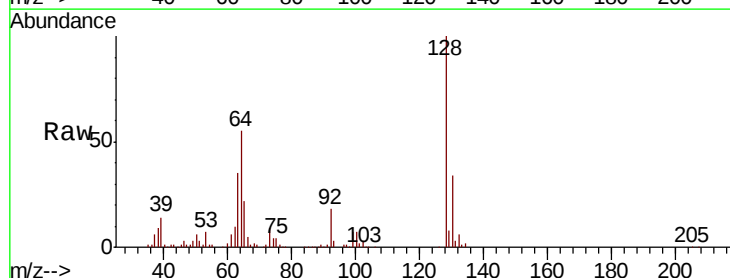
Tgt Ion: 128 Resp: 149489

Ion Ratio Lower Upper

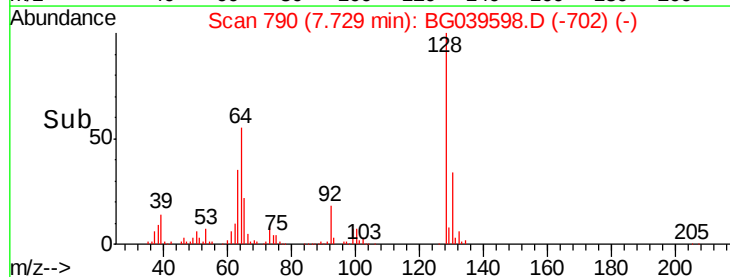
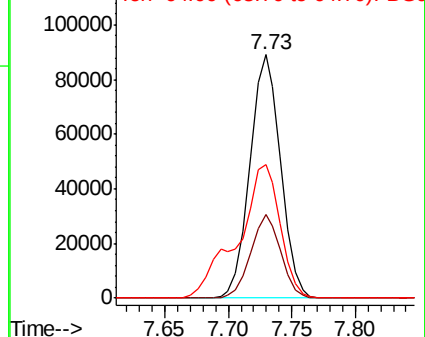
128 100

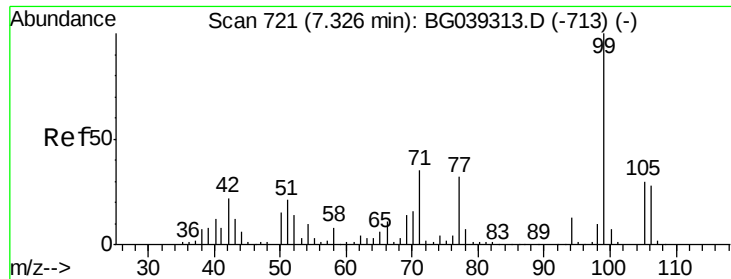
130 34.5 12.9 52.9

64 54.9 38.7 78.7



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





#9

Benzaldehyde

Concen: 18.406 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

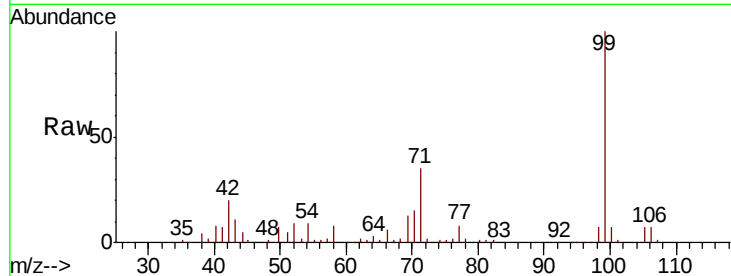
Tgt Ion: 77 Resp: 50868

Ion Ratio Lower Upper

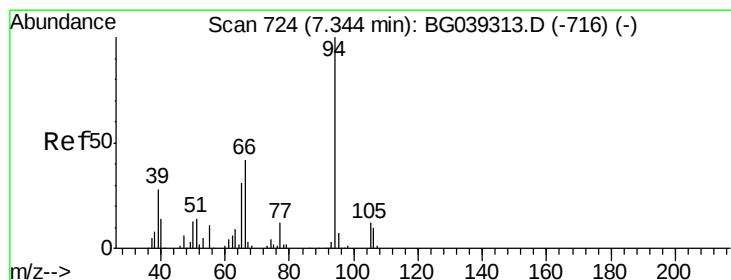
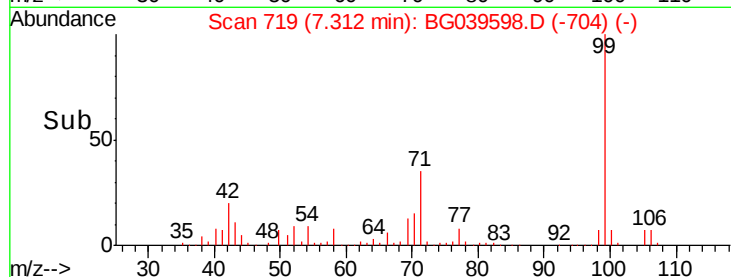
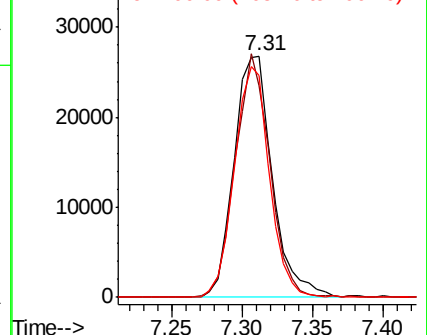
77 100

105 87.7 74.5 114.5

106 92.1 68.0 108.0



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: 42.742 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

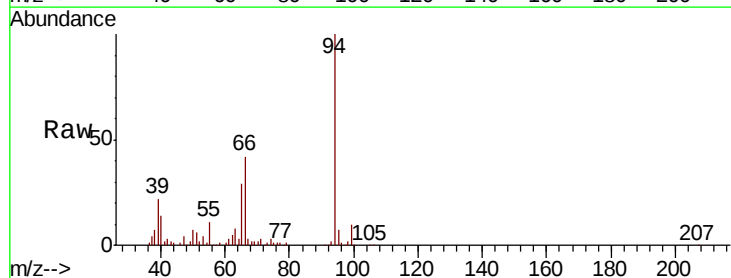
Tgt Ion: 94 Resp: 207425

Ion Ratio Lower Upper

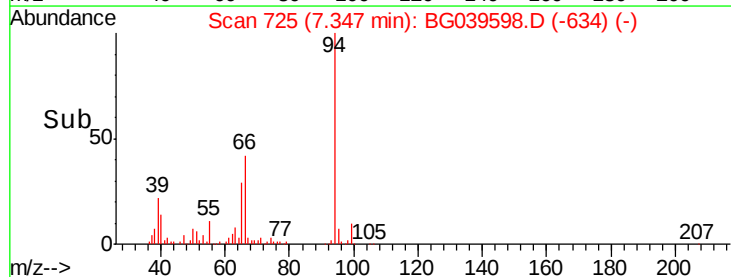
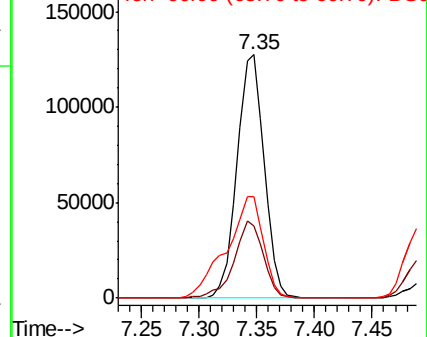
94 100

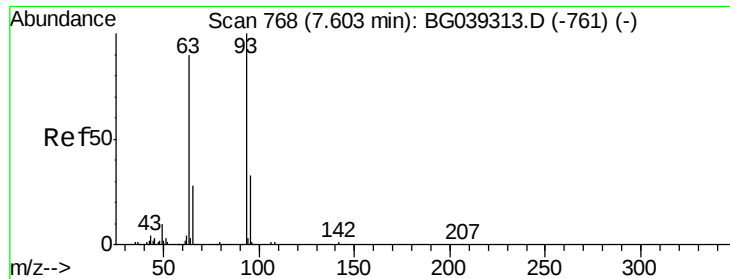
65 29.4 11.7 51.7

66 41.7 23.7 63.7



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

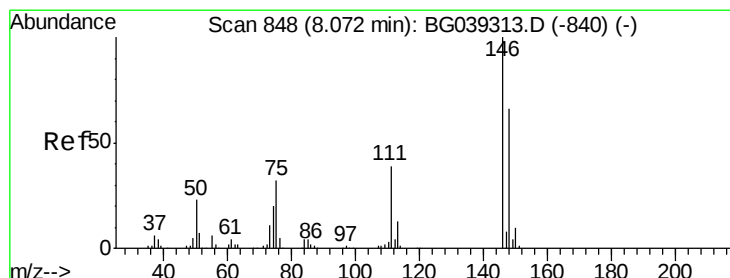
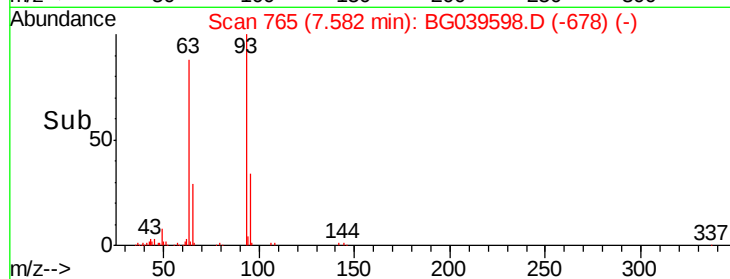
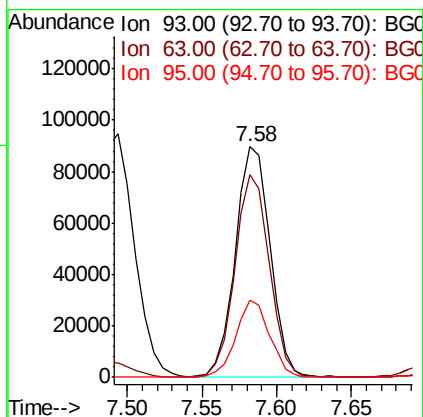
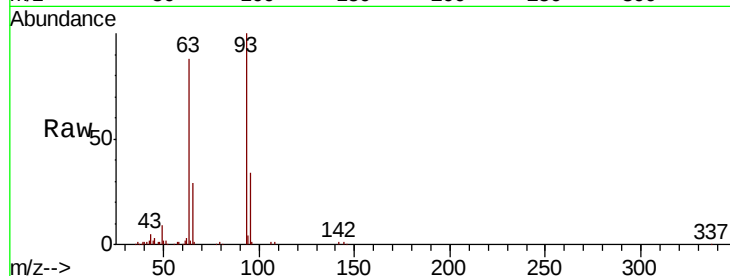




#11
 bis(2-Chloroethyl)ether
 Concen: 38.000 ng
 RT: 7.58 min Scan# 765
 Delta R.T. -0.02 min
 Lab File: BG039598.D
 Acq: 26 Feb 2019 13:24

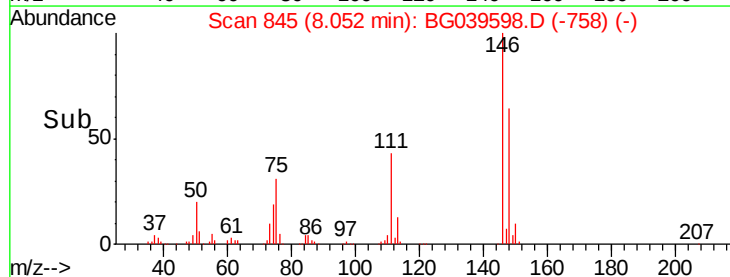
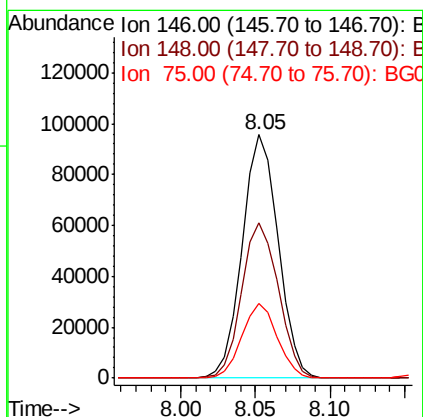
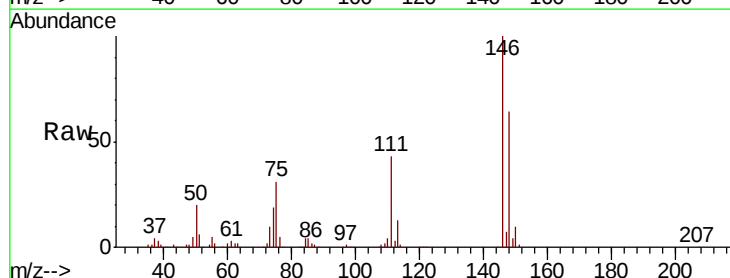
Instrument :
 BNA_G
 ClientSampleId :
 PB117389BS

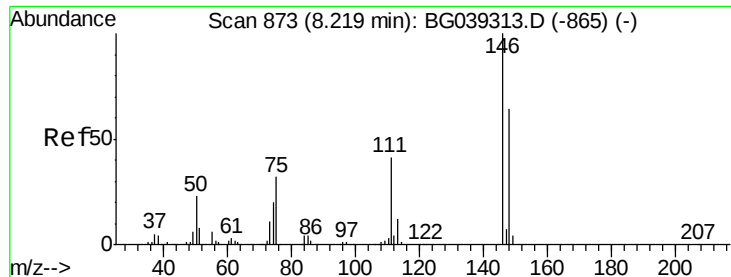
Tgt Ion: 93 Resp: 145720
 Ion Ratio Lower Upper
 93 100
 63 87.9 69.5 109.5
 95 33.7 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 38.110 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.02 min
 Lab File: BG039598.D
 Acq: 26 Feb 2019 13:24

Tgt Ion: 146 Resp: 159610
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.6 79.0
 75 30.7 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 39.544 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

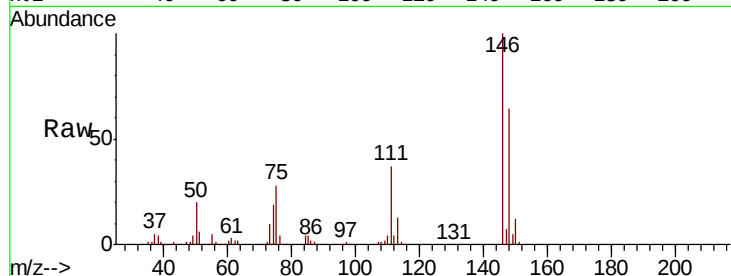
Tgt Ion:146 Resp: 165070

Ion Ratio Lower Upper

146 100

148 64.4 51.1 76.7

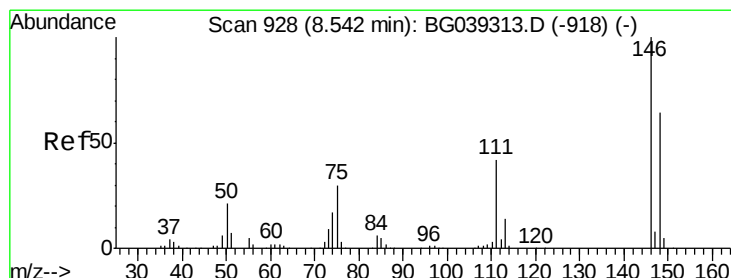
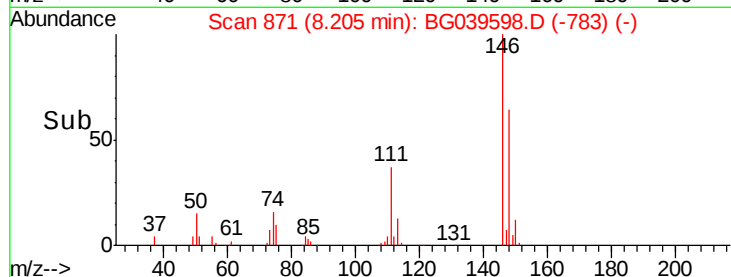
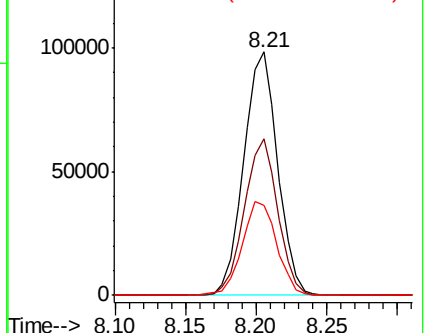
111 36.8 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.023 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

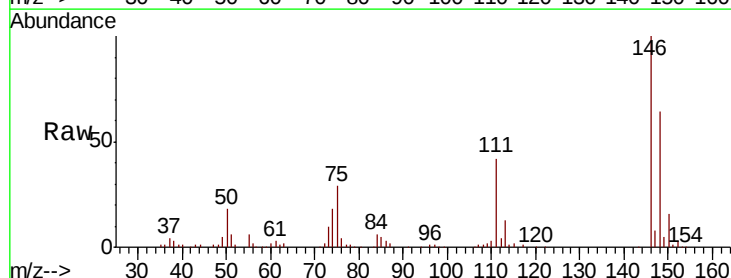
Tgt Ion:146 Resp: 153657

Ion Ratio Lower Upper

146 100

148 63.5 51.5 77.3

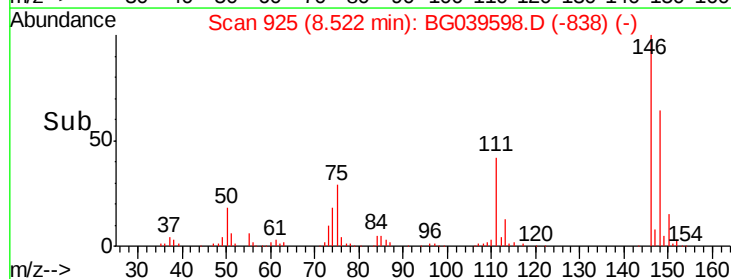
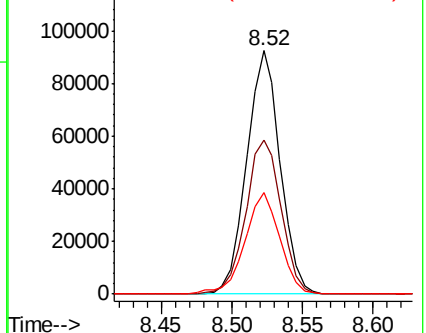
111 41.6 33.8 50.6

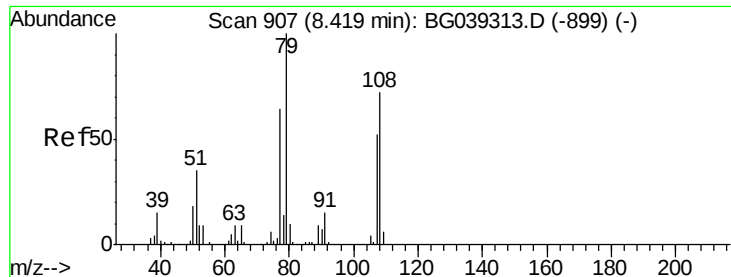


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.363 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampled :

PB117389BS

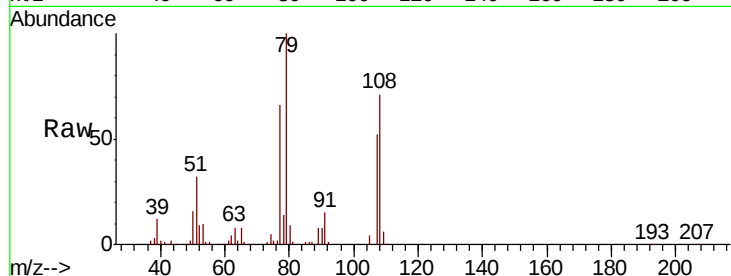
Tgt Ion: 79 Resp: 140214

Ion Ratio Lower Upper

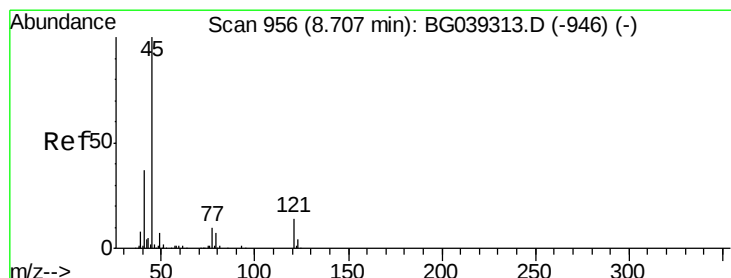
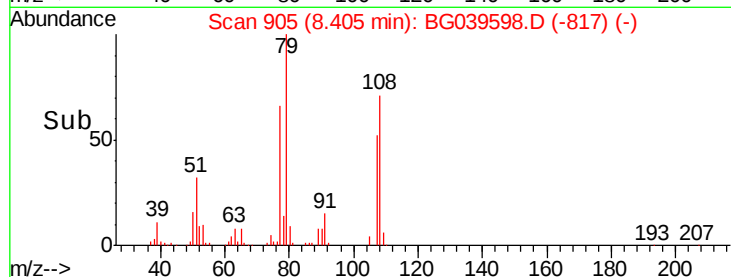
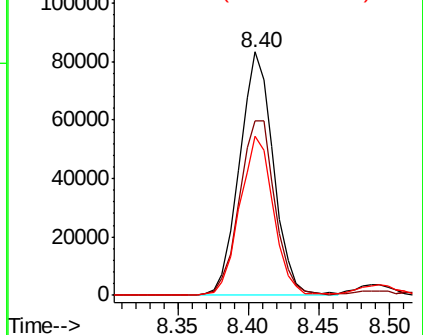
79 100

108 71.5 57.8 86.6

77 65.5 51.1 76.7



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: 33.075 ng

RT: 8.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

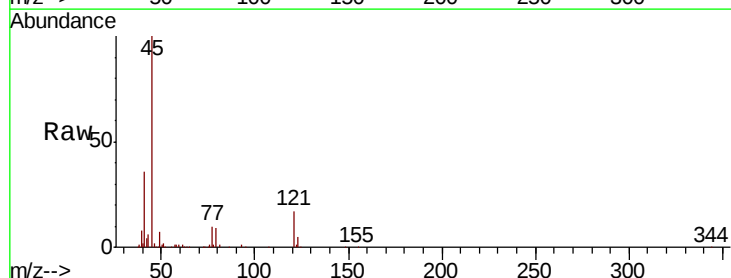
Tgt Ion: 45 Resp: 286423

Ion Ratio Lower Upper

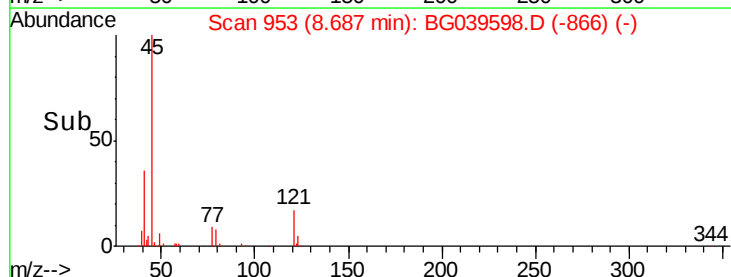
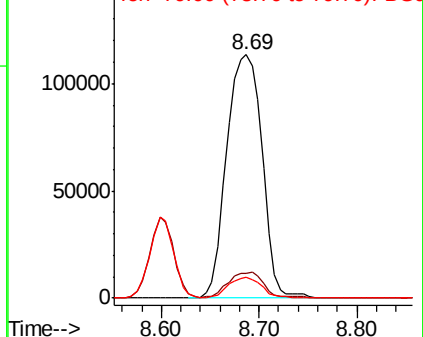
45 100

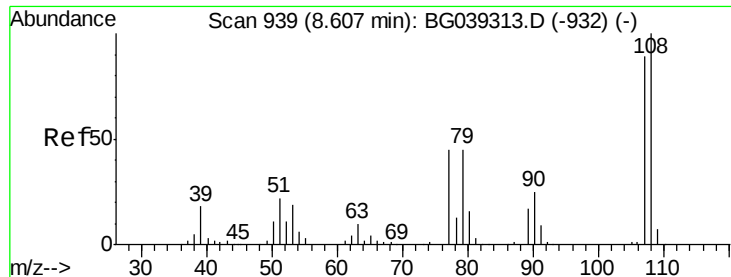
77 10.2 0.0 30.0

79 8.7 0.0 27.5



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

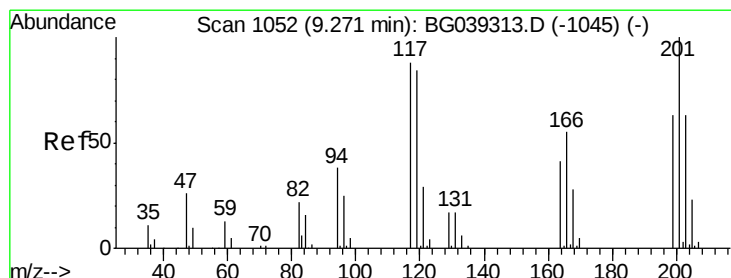
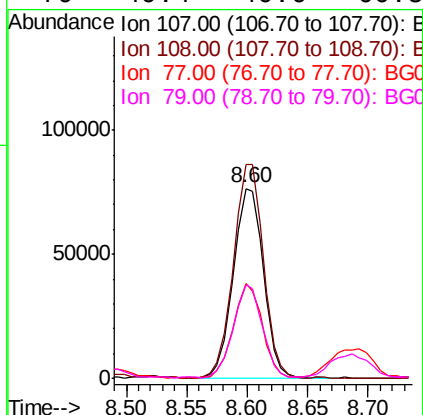
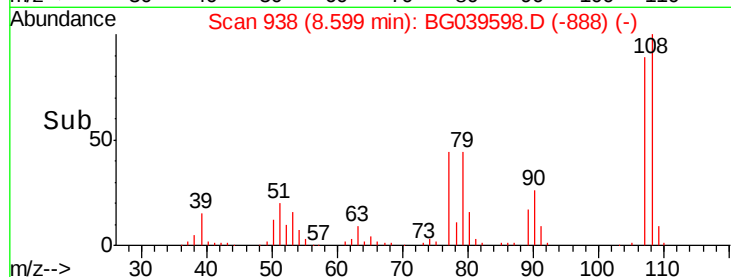
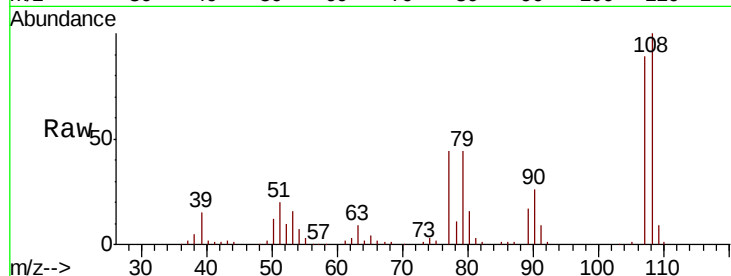




#17
2-Methylphenol
Concen: 42.569 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

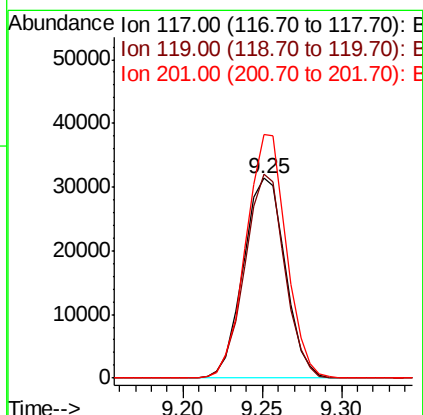
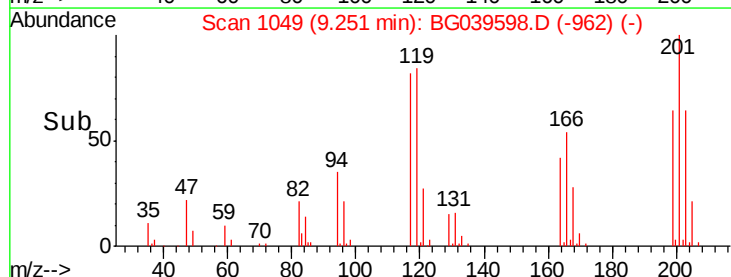
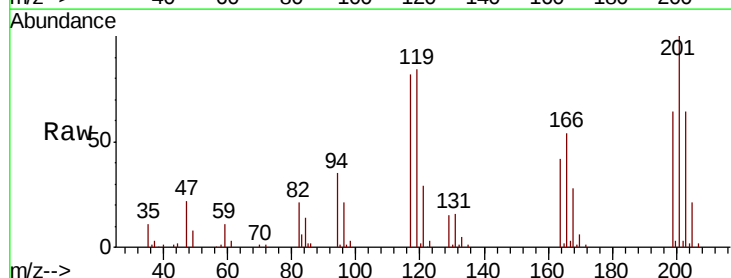
Instrument :
BNA_G
ClientSampleId :
PB117389BS

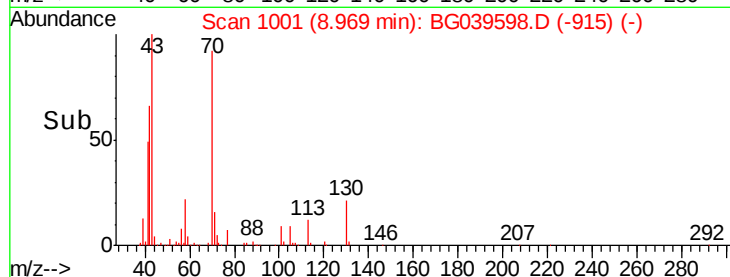
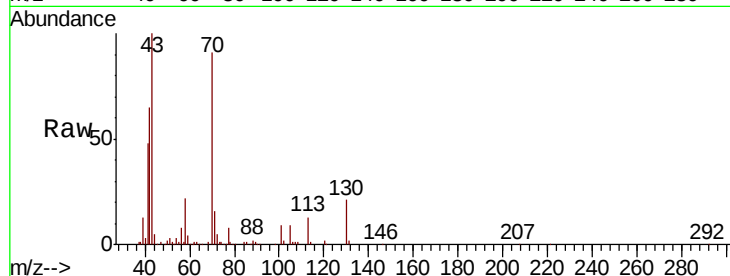
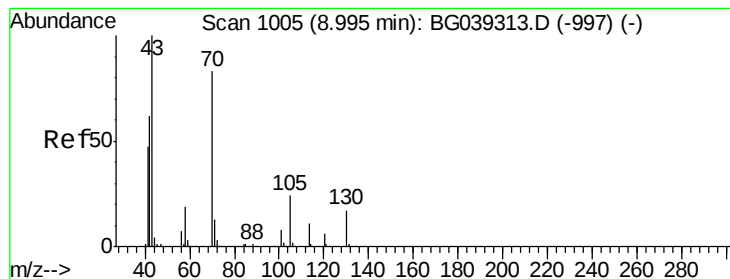
Tgt Ion:	107	Resp:	133687
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.8	136.2
77	49.7	40.7	61.1
79	49.4	40.6	60.8



#18
Hexachloroethane
Concen: 40.118 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

Tgt Ion:	117	Resp:	57616
Ion	Ratio	Lower	Upper
117	100		
119	101.9	76.3	114.5
201	122.0	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 35.272 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.03 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

Tgt Ion: 70 Resp: 116548

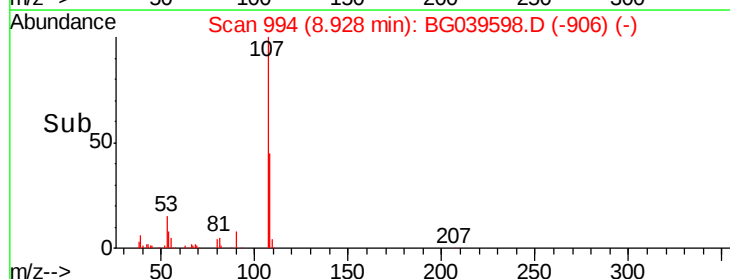
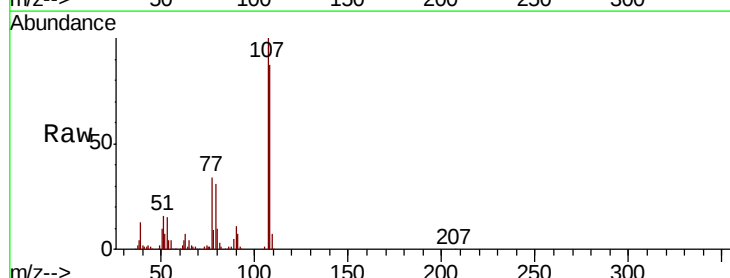
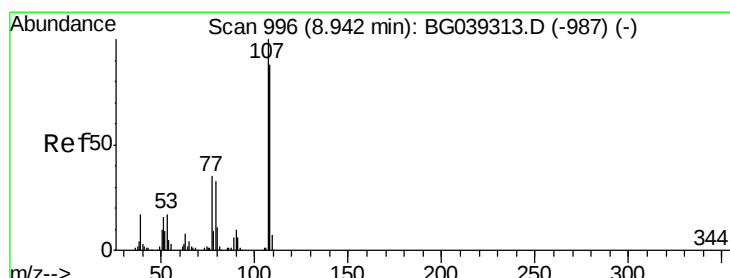
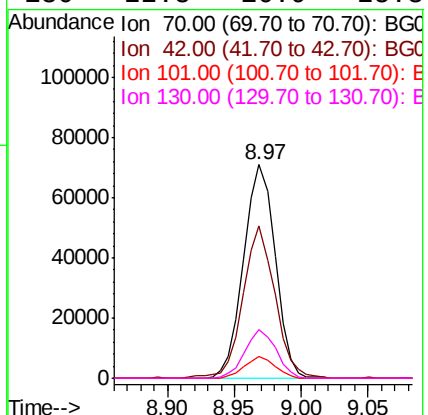
Ion Ratio Lower Upper

70 100

42 71.3 60.4 90.6

101 10.0 7.5 11.3

130 22.8 16.9 25.3



#20

3+4-Methylphenols

Concen: 42.585 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Tgt Ion: 107 Resp: 184166

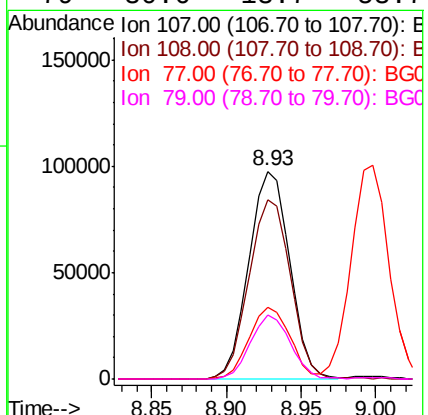
Ion Ratio Lower Upper

107 100

108 86.6 67.9 107.9

77 34.3 15.4 55.4

79 30.6 13.7 53.7

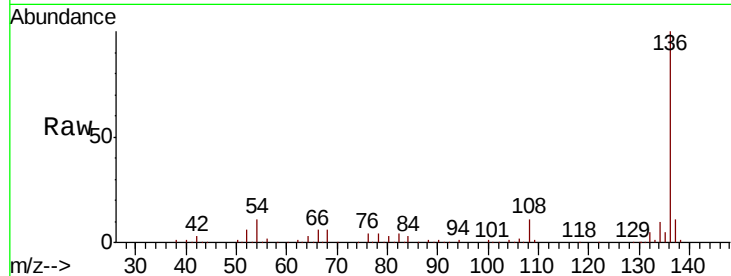




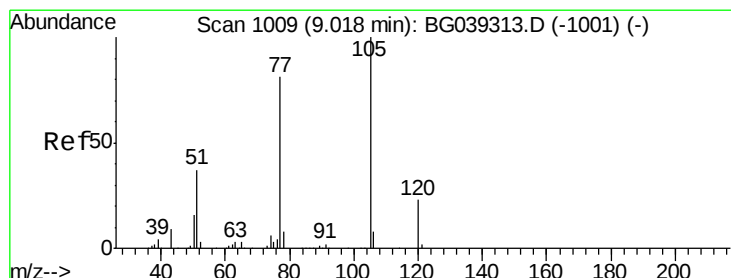
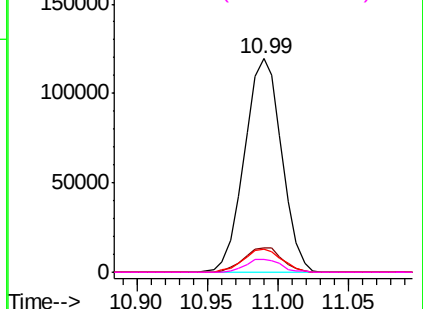
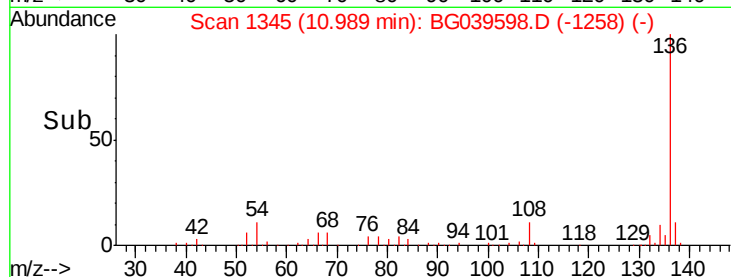
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

Instrument :
BNA_G
ClientSampleId :
PB117389BS

Tgt Ion:	136	Resp:	220268
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.6	9.4	14.2
68	6.3	4.2	6.4

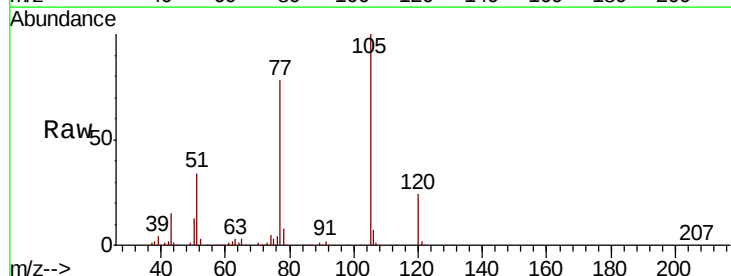


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

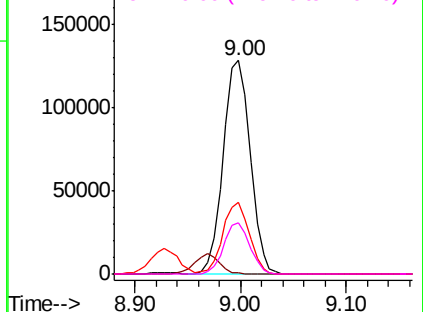
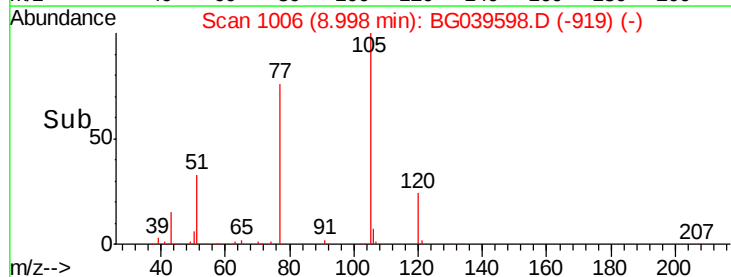


#22
Acetophenone
Concen: 38.434 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

Tgt Ion:	105	Resp:	227404
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.8	1.2#
51	33.7	30.2	45.2
120	23.8	18.0	27.0



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

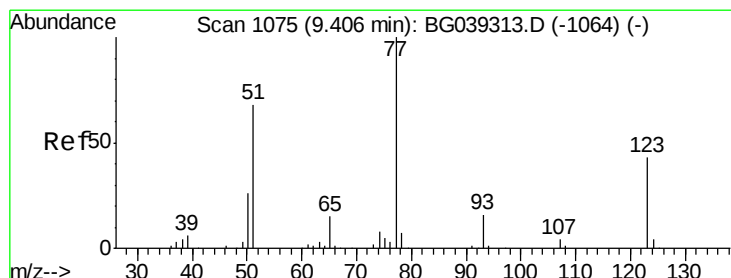
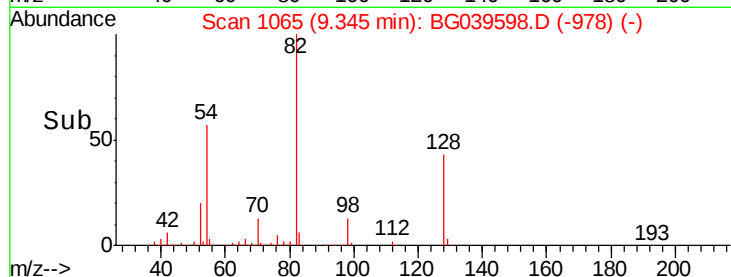
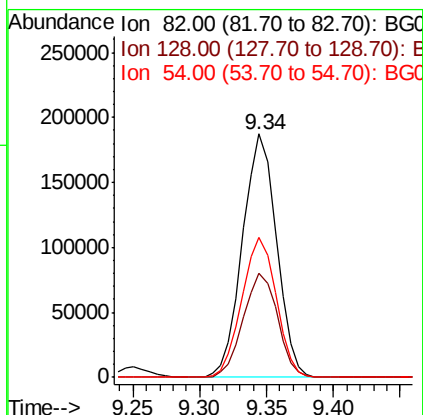
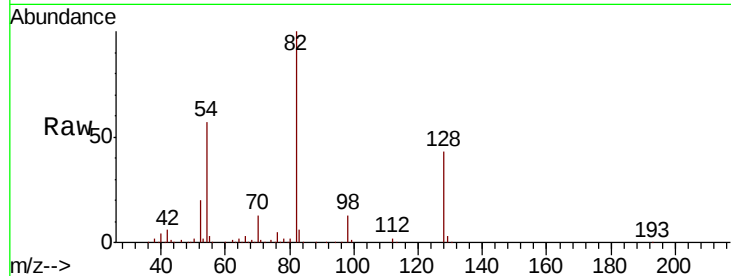




#23
Nitrobenzene-d5
Concen: 93.681 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

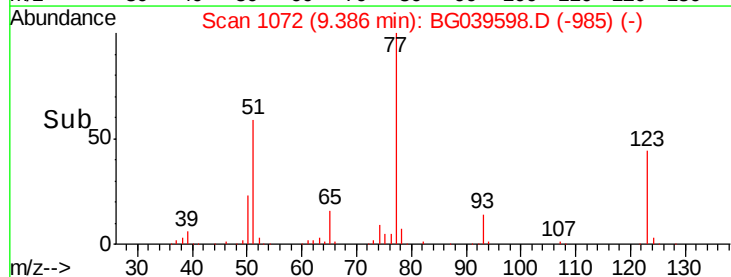
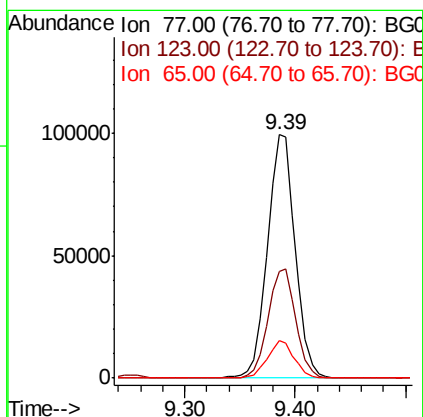
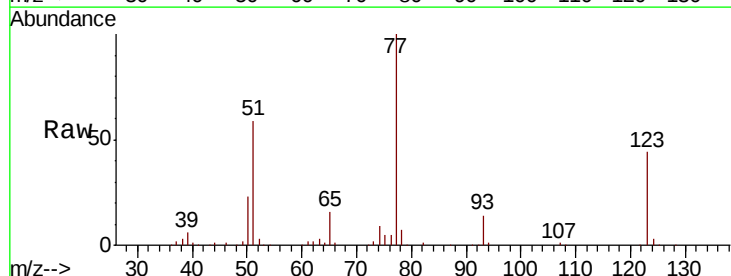
Instrument :
BNA_G
ClientSampleId :
PB117389BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.3	46.9
54	57.4	50.9	76.3



#24
Nitrobenzene
Concen: 45.701 ng
RT: 9.39 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	34.1	51.1
65	15.5	12.3	18.5

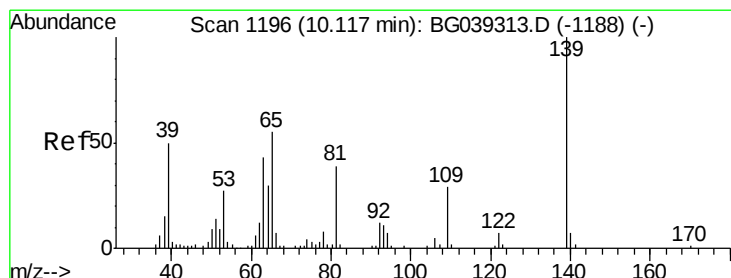
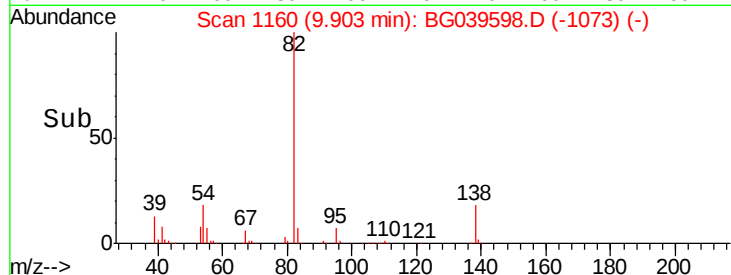
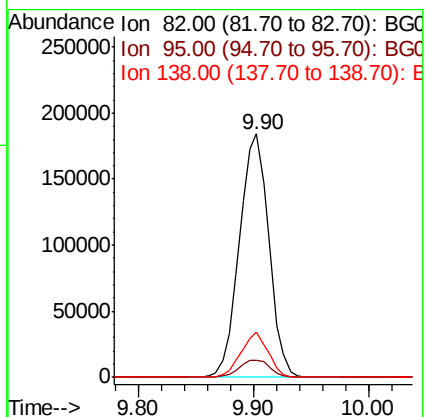
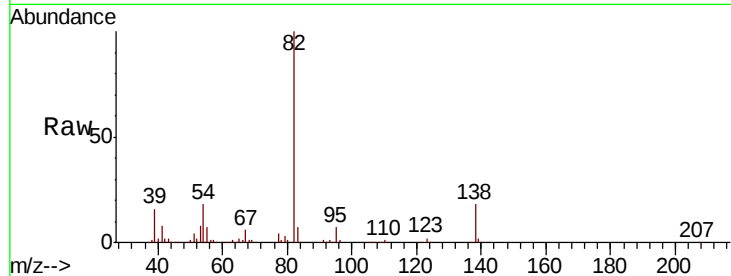




#25
Isophorone
Concen: 41.693 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

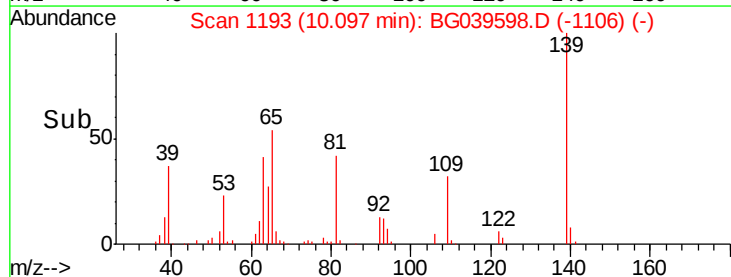
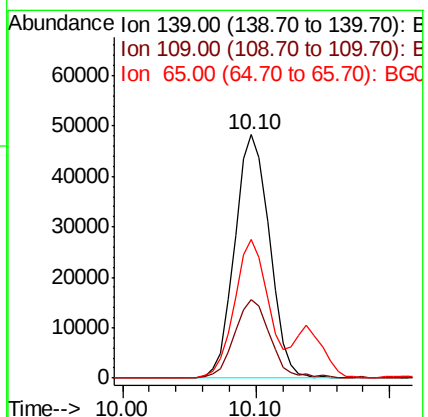
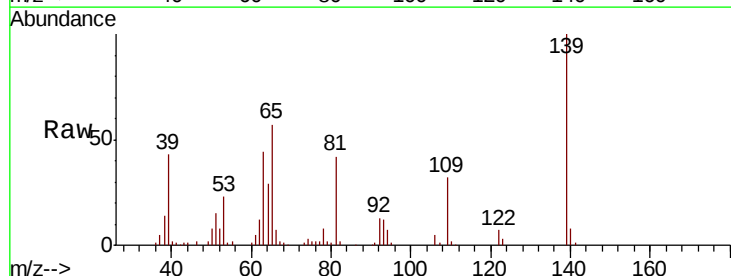
Instrument :
BNA_G
ClientSampleId :
PB117389BS

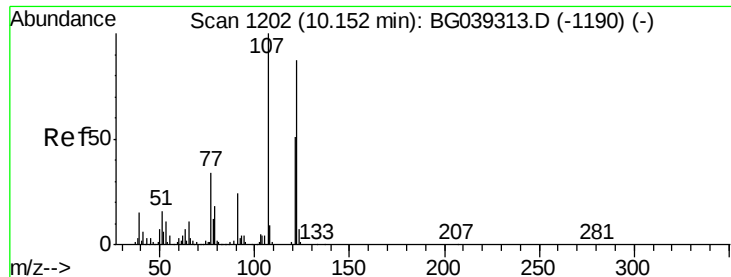
Tgt Ion: 82 Resp: 325764
Ion Ratio Lower Upper
82 100
95 6.9 6.2 9.2
138 18.3 13.0 19.4



#26
2-Nitrophenol
Concen: 55.414 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

Tgt Ion: 139 Resp: 86851
Ion Ratio Lower Upper
139 100
109 32.1 23.4 35.0
65 56.8 44.3 66.5

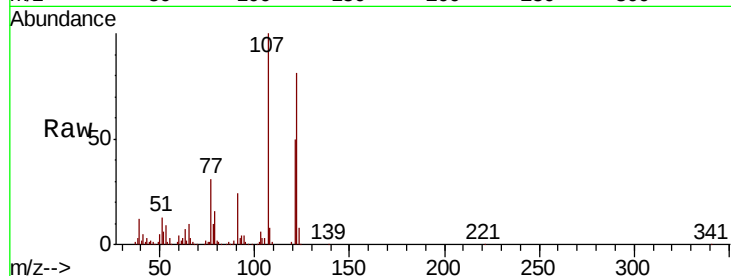




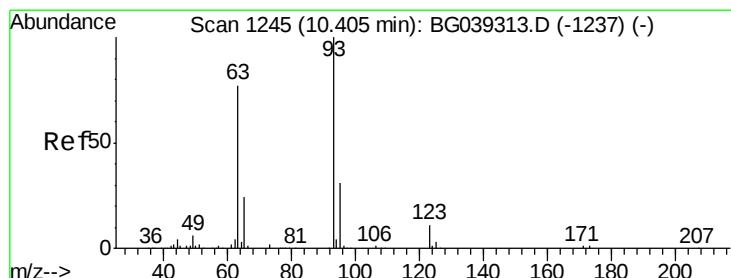
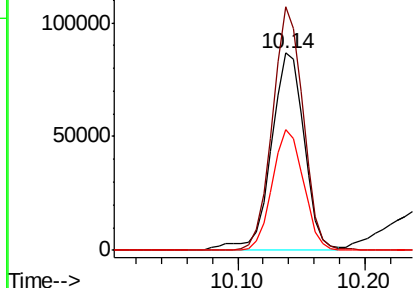
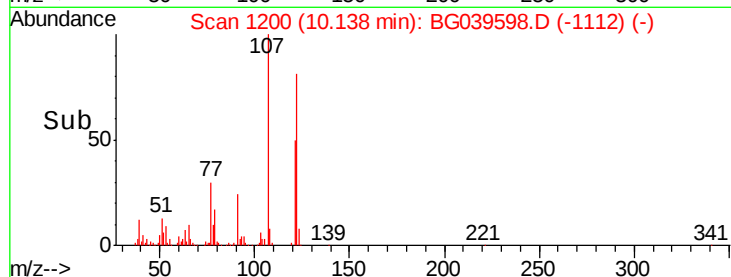
#27
 2,4-Dimethylphenol
 Concen: 49.199 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BG039598.D
 Acq: 26 Feb 2019 13:24

Instrument :
 BNA_G
 ClientSampleID :
 PB117389BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	123.6	91.7	137.5
121	61.5	46.4	69.6

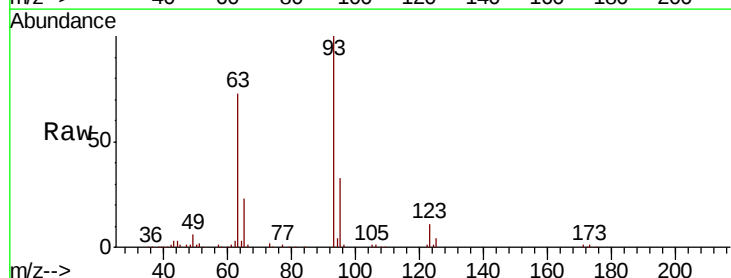


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

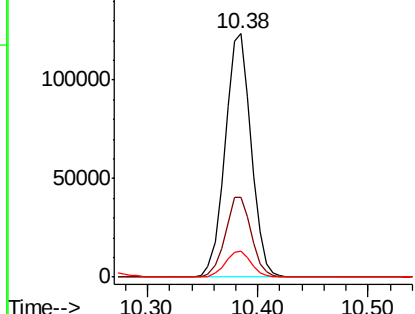
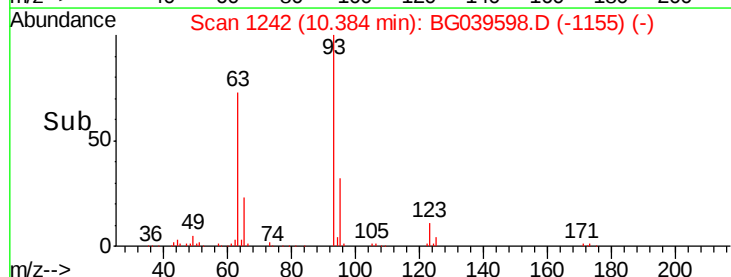


#28
 bis(2-Chloroethoxy)methane
 Concen: 42.364 ng
 RT: 10.38 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG039598.D
 Acq: 26 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.0	37.4
123	10.9	8.6	12.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

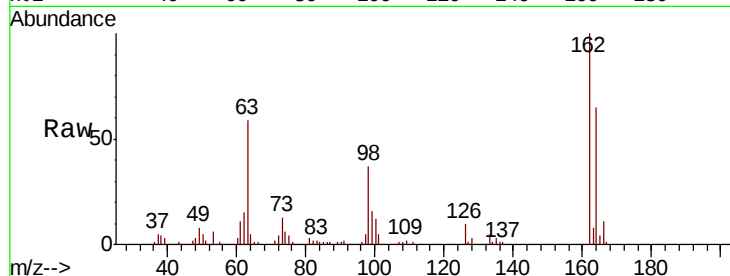




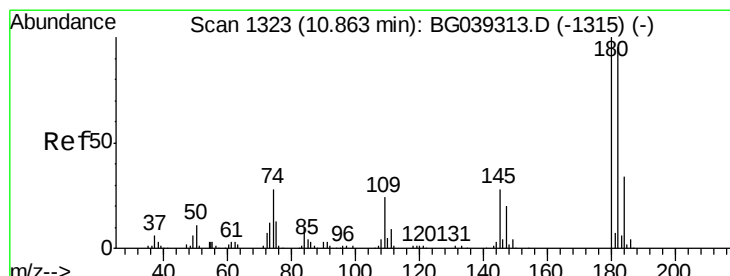
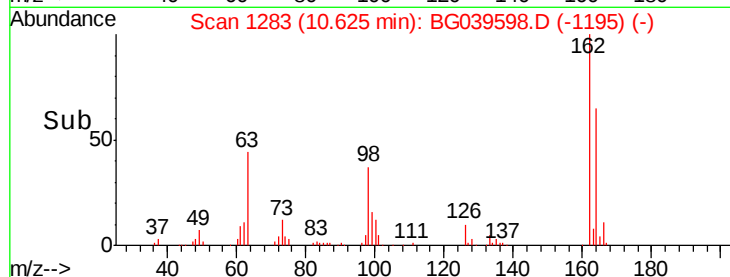
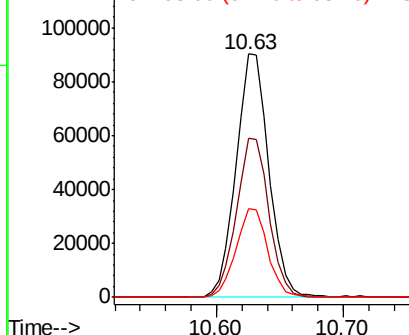
#29
2,4-Dichlorophenol
Concen: 46.723 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

Instrument :
BNA_G
ClientSampleId :
PB117389BS

Tgt Ion:162 Resp: 161402
Ion Ratio Lower Upper
162 100
164 65.3 48.1 88.1
98 36.6 18.1 58.1

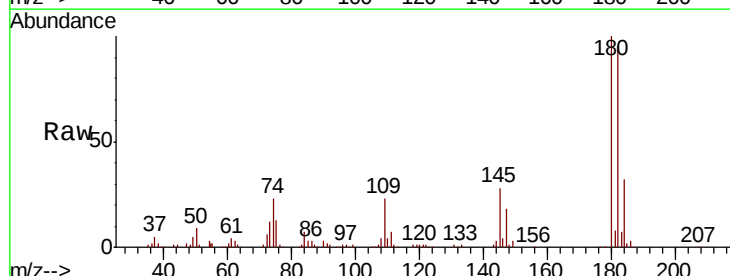


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

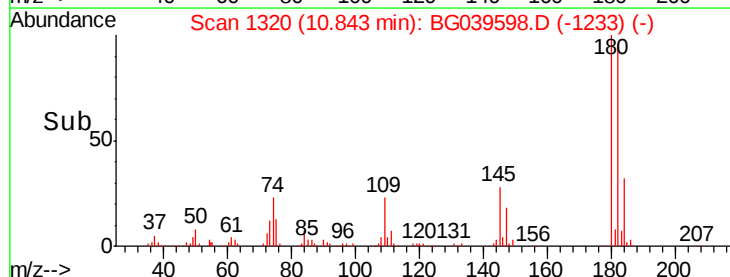
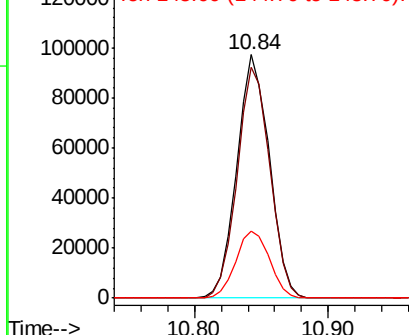


#30
1,2,4-Trichlorobenzene
Concen: 42.240 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

Tgt Ion:180 Resp: 163817
Ion Ratio Lower Upper
180 100
182 94.9 76.0 114.0
145 27.6 22.7 34.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

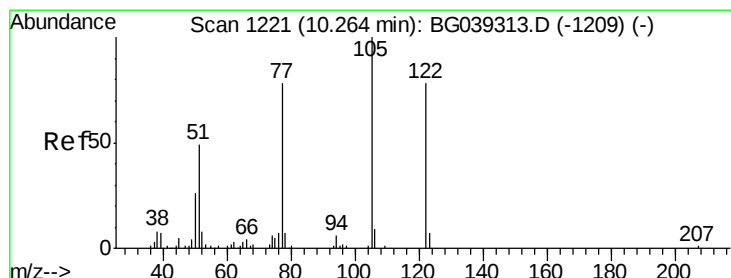
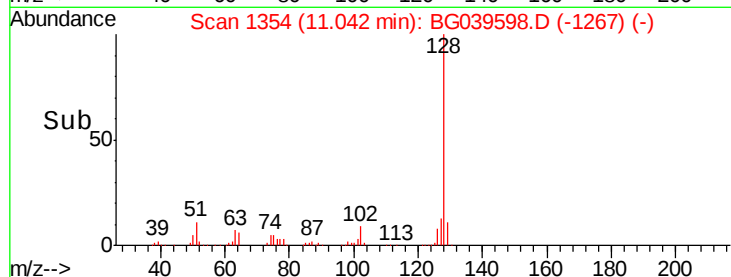
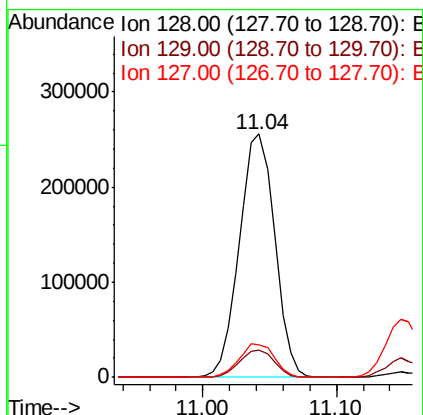
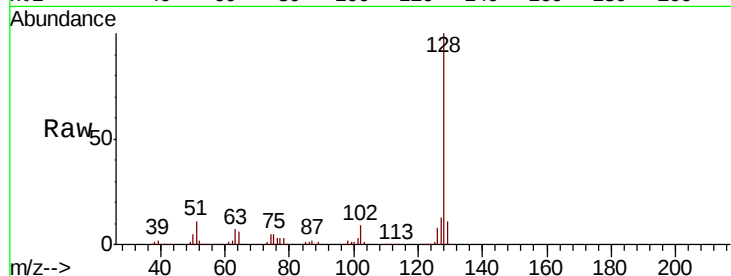




#31
Naphthalene
Concen: 42.968 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

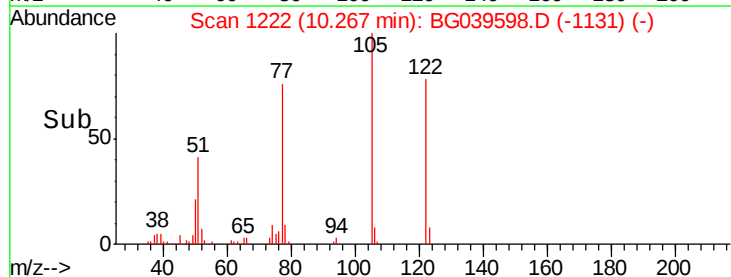
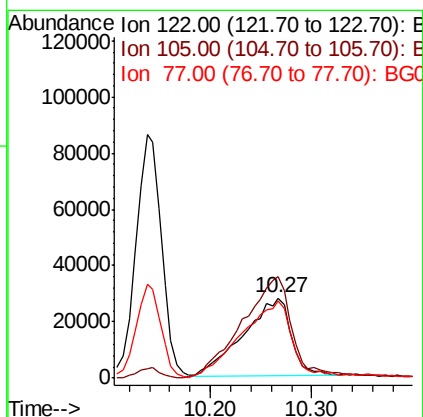
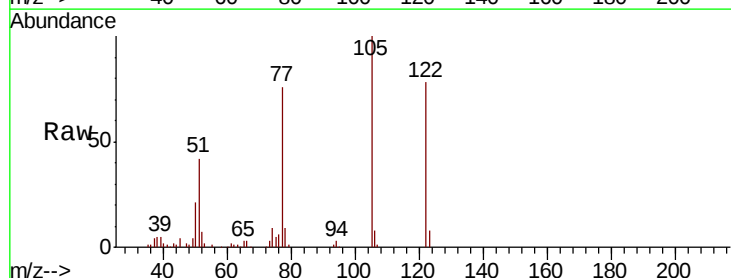
Instrument :
BNA_G
ClientSampleId :
PB117389BS

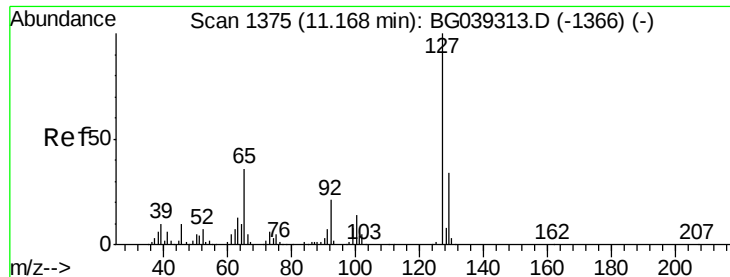
Tgt Ion:128 Resp: 469528
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 44.848 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

Tgt Ion:122 Resp: 91313
Ion Ratio Lower Upper
122 100
105 127.4 101.8 141.8
77 96.8 76.3 116.3

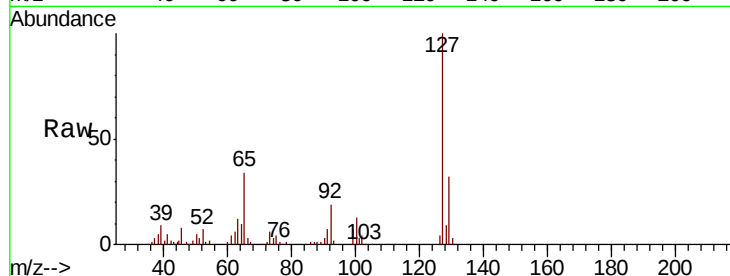




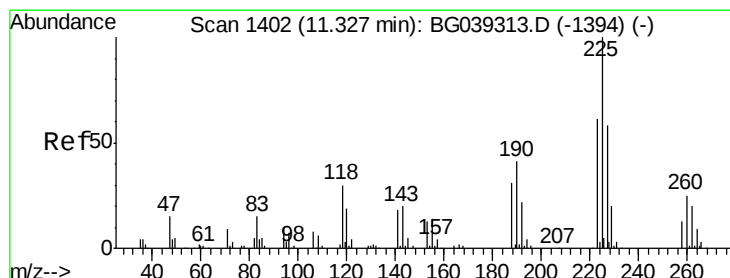
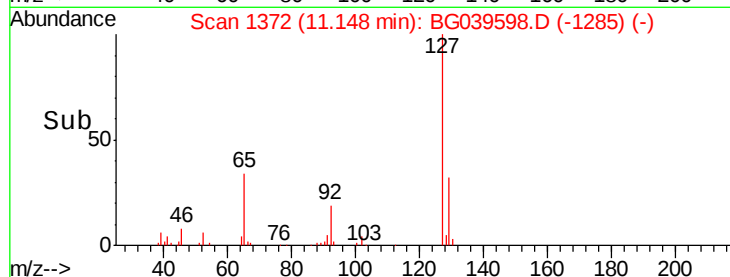
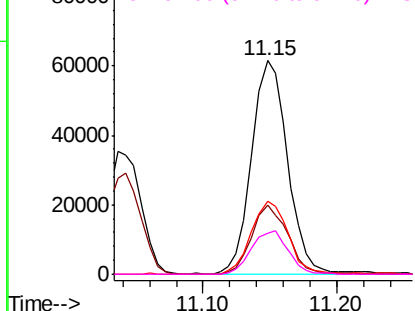
#33
4-Chloroaniline
Concen: 22.530 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

Instrument :
BNA_G
ClientSampleId :
PB117389BS

Tgt Ion:	127	Resp:	114153
Ion	Ratio	Lower	Upper
127	100		
129	32.5	27.0	40.4
65	34.1	28.8	43.2
92	19.1	16.6	25.0

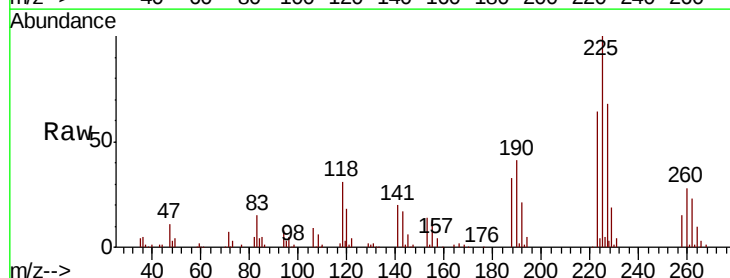


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

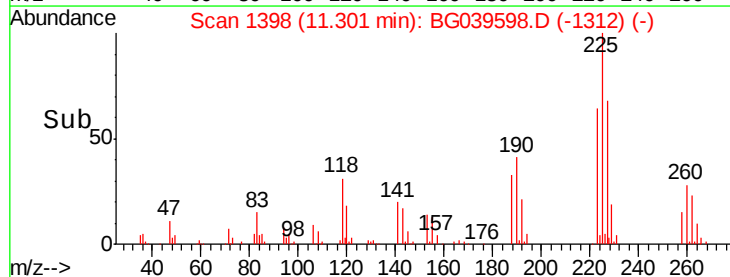
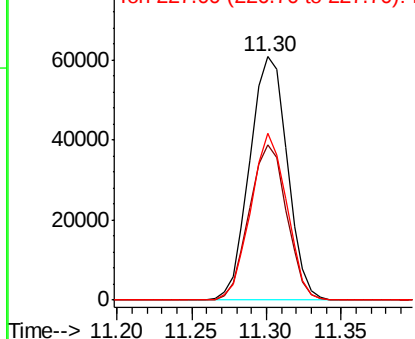


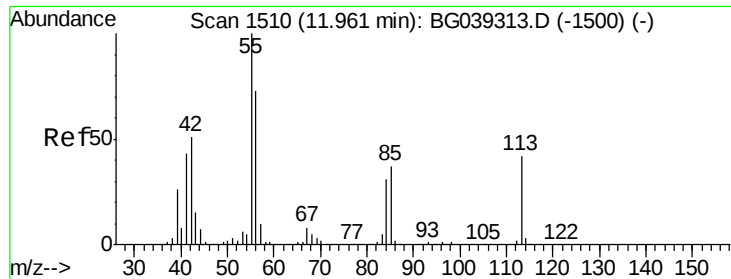
#34
Hexachlorobutadiene
Concen: 41.189 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

Tgt Ion:	225	Resp:	106234
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.0	73.6
227	68.3	46.3	69.5



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





#35

Caprolactam

Concen: 26.929 ng

RT: 11.93 min Scan# 1505

Delta R.T. -0.03 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

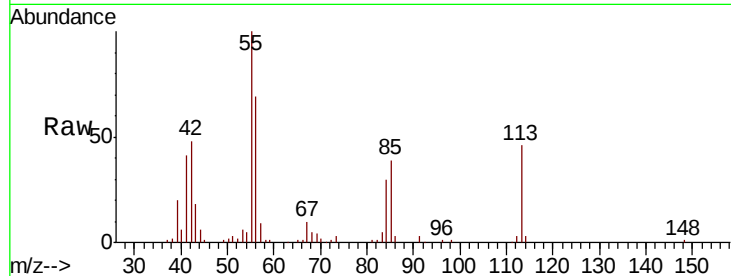
Tgt Ion:113 Resp: 38494

Ion Ratio Lower Upper

113 100

55 215.7 216.9 256.9#

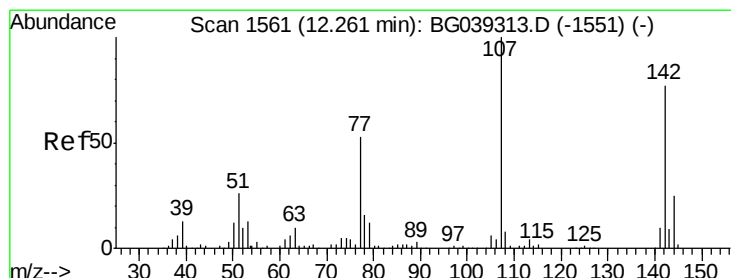
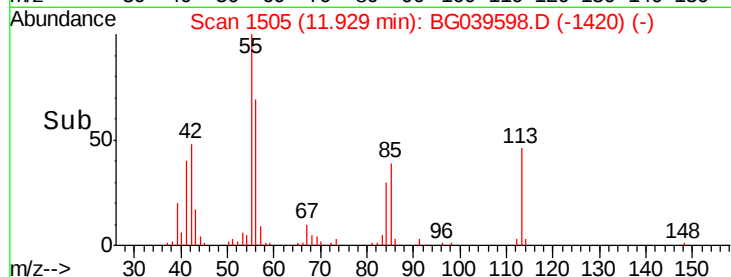
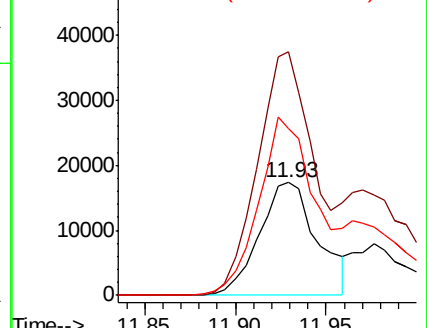
56 148.2 152.6 192.6#



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: 42.640 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

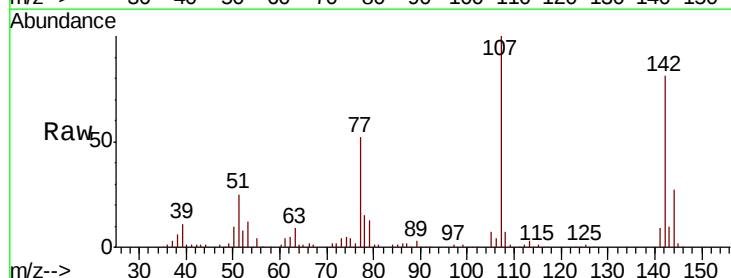
Tgt Ion:107 Resp: 170348

Ion Ratio Lower Upper

107 100

144 26.7 20.2 30.2

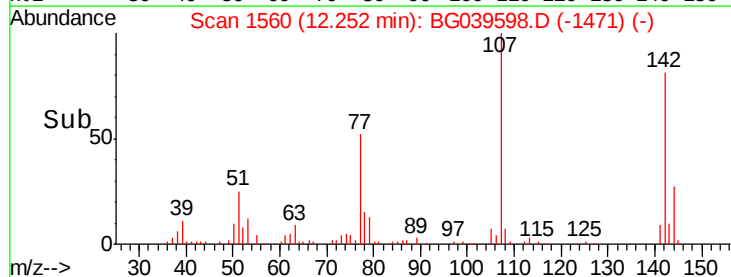
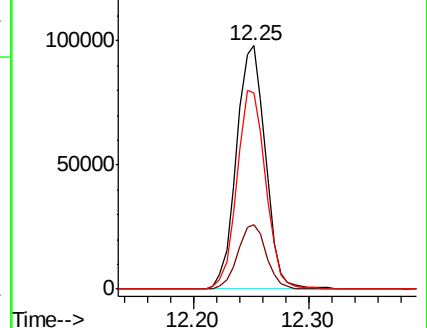
142 80.6 61.4 92.2

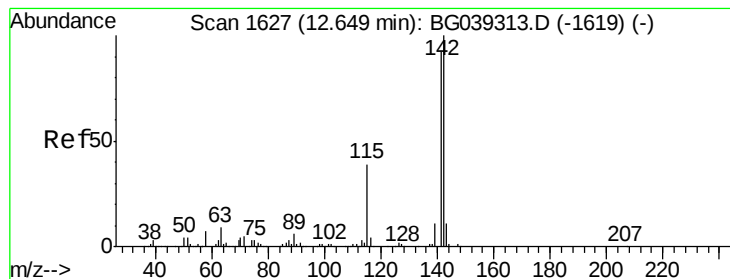


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.390 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

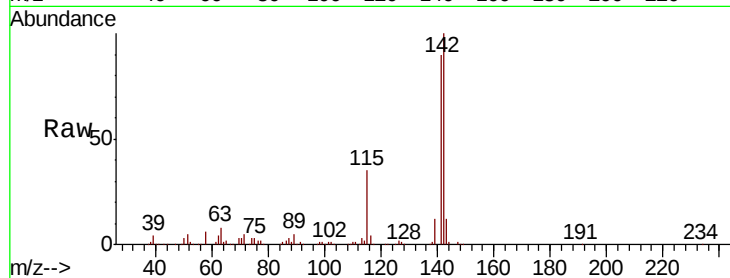
Tgt Ion:142 Resp: 351173

Ion Ratio Lower Upper

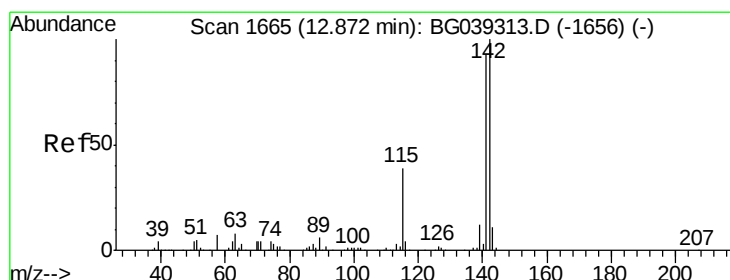
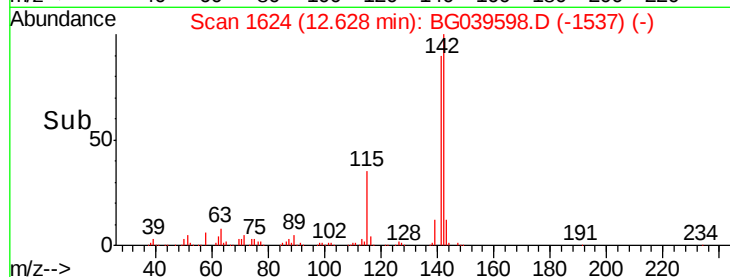
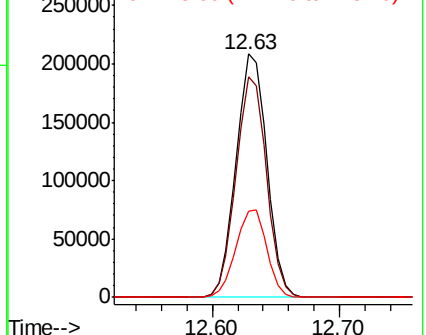
142 100

141 90.3 73.5 110.3

115 35.5 30.8 46.2



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: 42.929 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.03 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

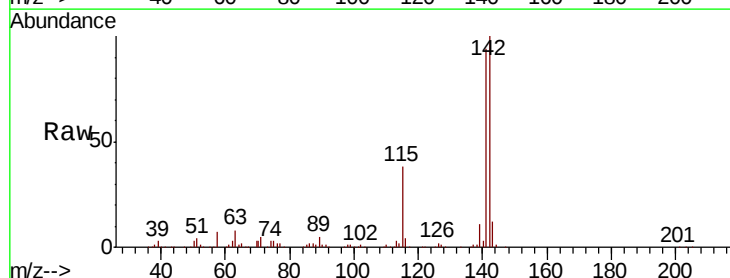
Tgt Ion:142 Resp: 334918

Ion Ratio Lower Upper

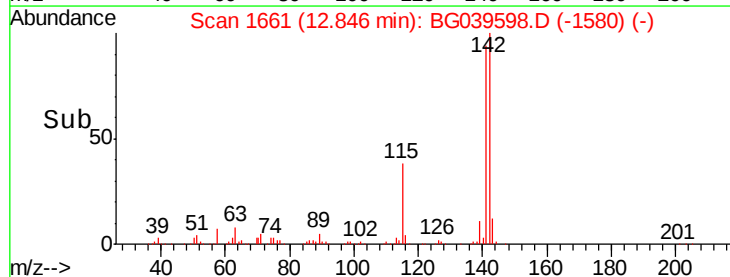
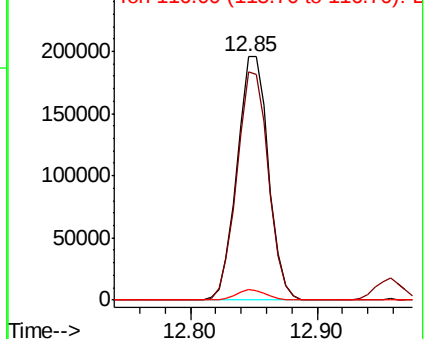
142 100

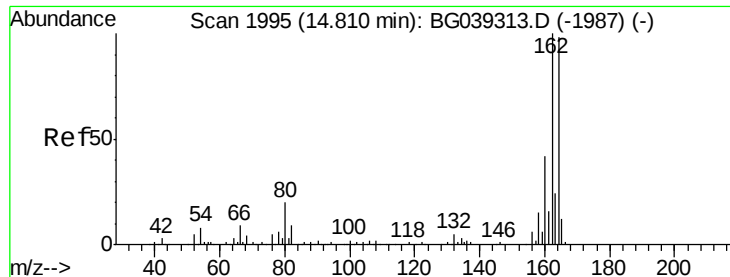
141 93.8 74.2 111.4

116 4.1 3.0 4.6



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: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

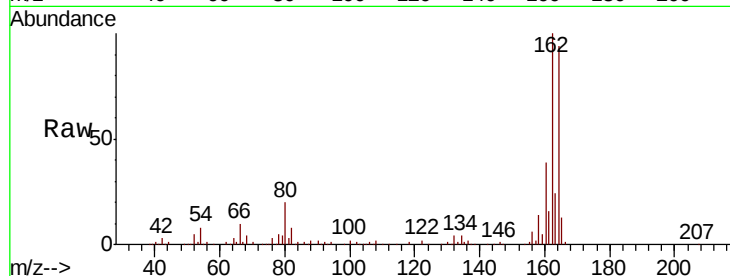
Tgt Ion:164 Resp: 144304

Ion Ratio Lower Upper

164 100

162 106.4 81.6 122.4

160 42.0 34.2 51.2

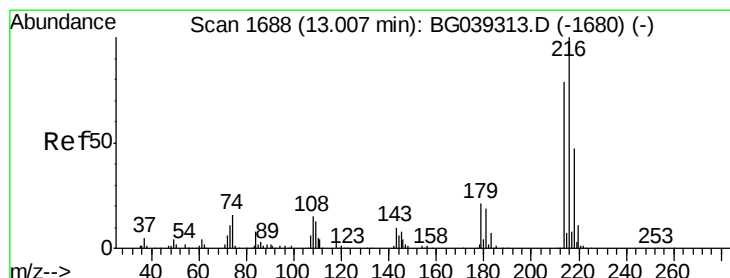
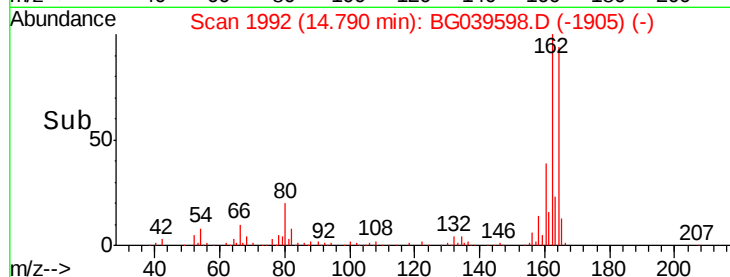
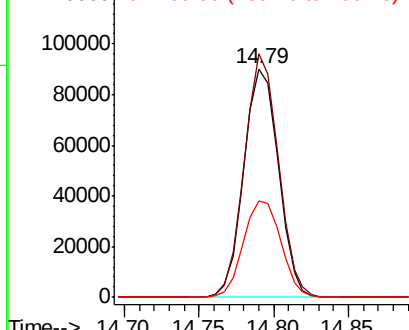


Abundance

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: 42.011 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.02 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Tgt Ion:216 Resp: 192887

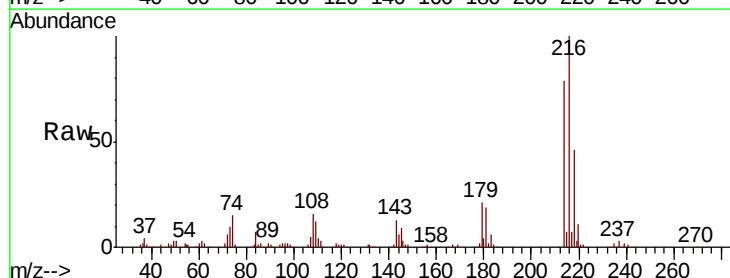
Ion Ratio Lower Upper

216 100

214 79.0 62.6 94.0

179 20.2 16.6 25.0

108 18.3 14.0 21.0



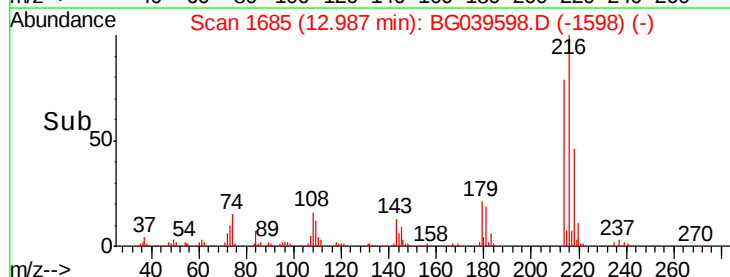
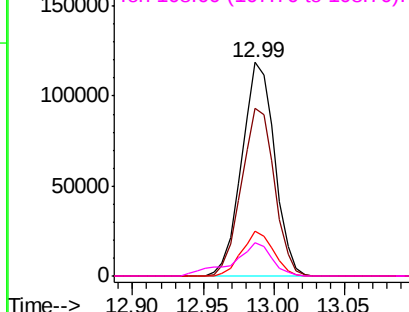
Abundance

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: 100.717 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

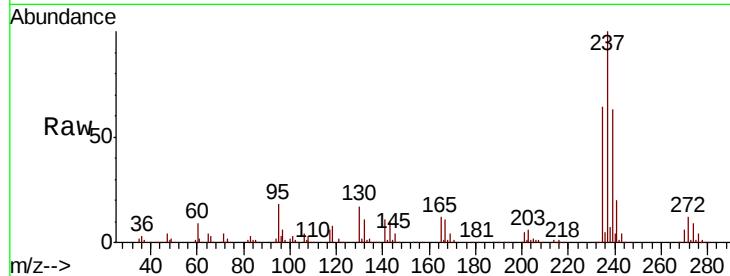
Tgt Ion: 237 Resp: 251982

Ion Ratio Lower Upper

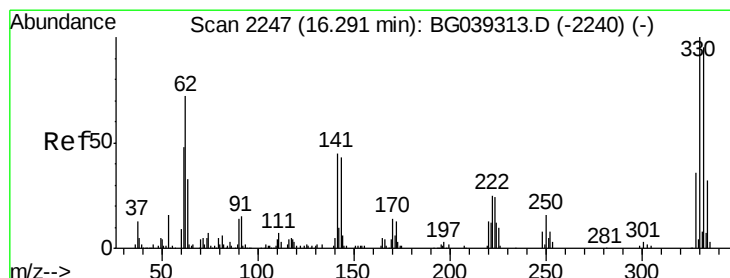
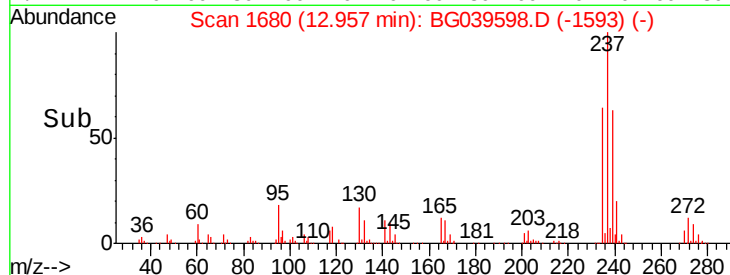
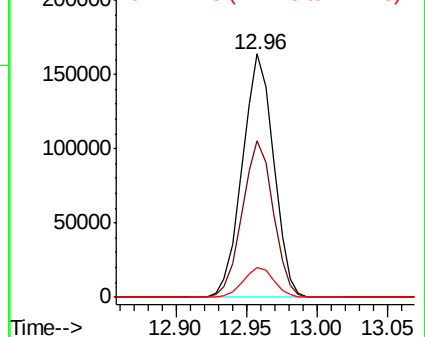
237 100

235 64.3 43.3 83.3

272 12.4 0.0 32.3



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: 166.383 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

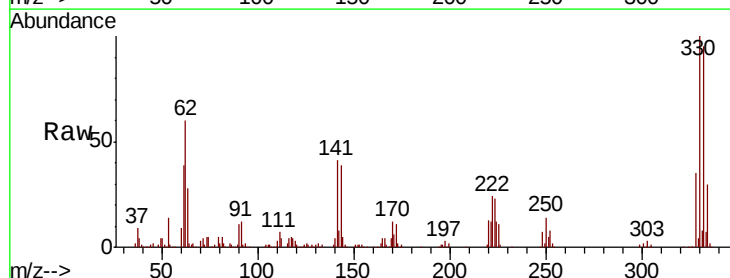
Tgt Ion: 330 Resp: 258543

Ion Ratio Lower Upper

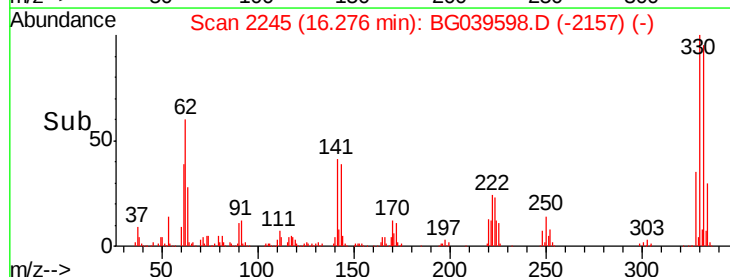
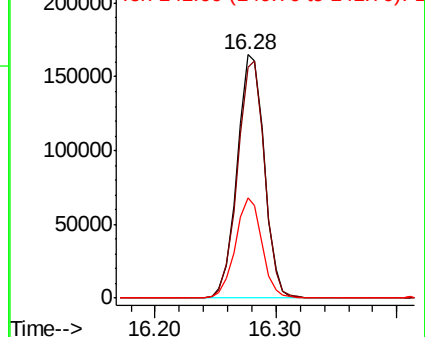
330 100

332 96.7 75.7 113.5

141 40.2 35.6 53.4



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

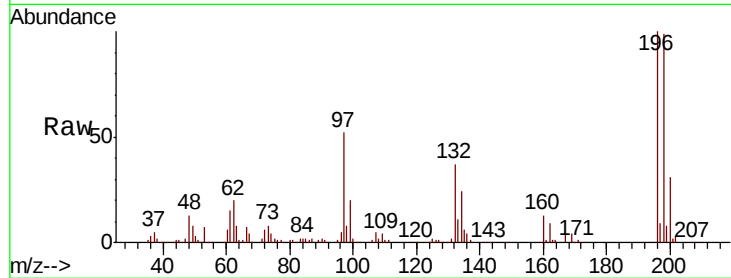




#43
 2,4,6-Trichlorophenol
 Concen: 47.591 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039598.D
 Acq: 26 Feb 2019 13:24

Instrument :
 BNA_G
 ClientSampleId :
 PB117389BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.4	80.6	121.0
200	30.6	26.1	39.1

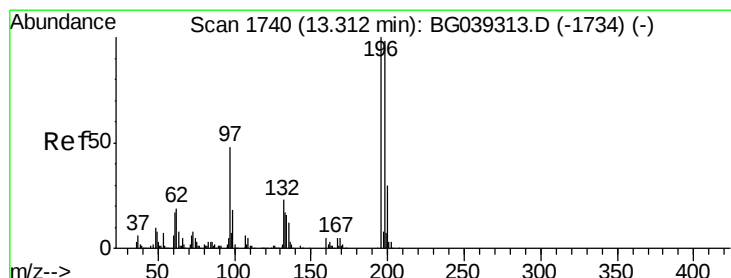
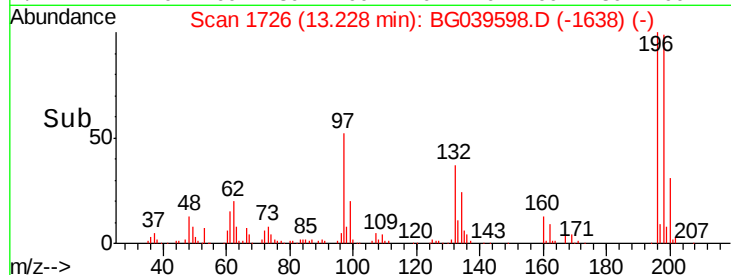
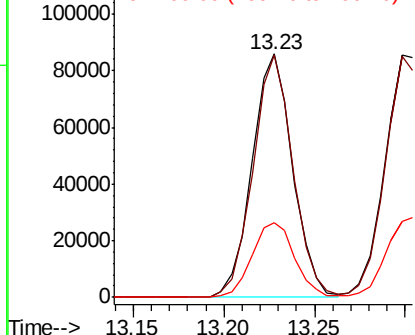


Abundance

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: 47.883 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039598.D
 Acq: 26 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.3	78.5	117.7
97	50.2	38.4	57.6
132	25.6	19.2	28.8

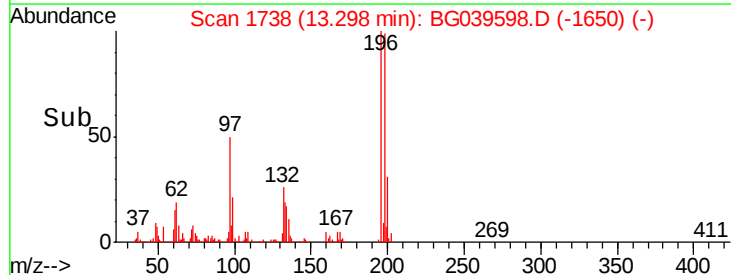
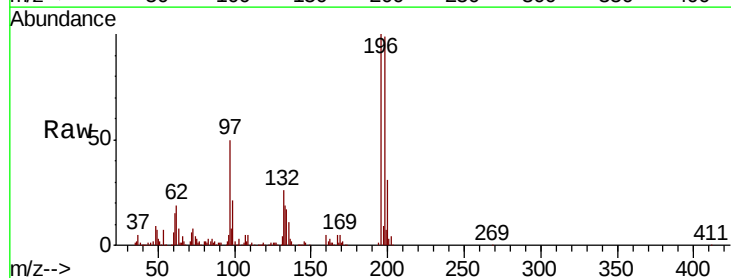
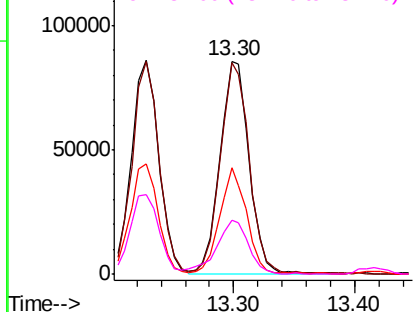
Abundance

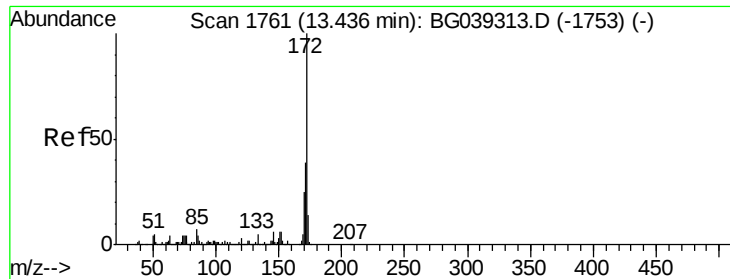
Ion 196.00 (195.70 to 196.70): E

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: 78.139 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

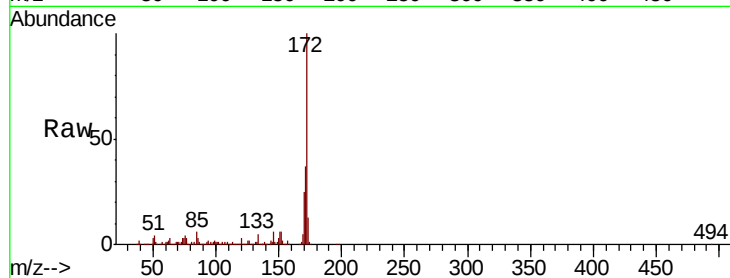
Tgt Ion:172 Resp: 786017

Ion Ratio Lower Upper

172 100

171 36.7 30.8 46.2

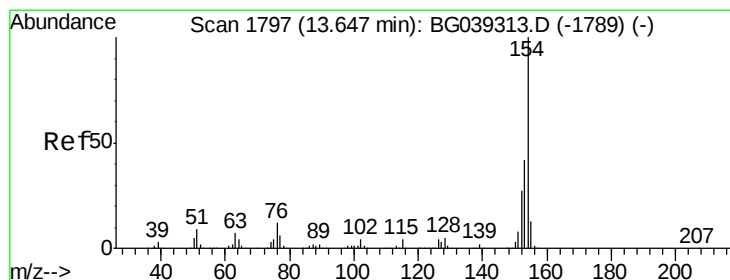
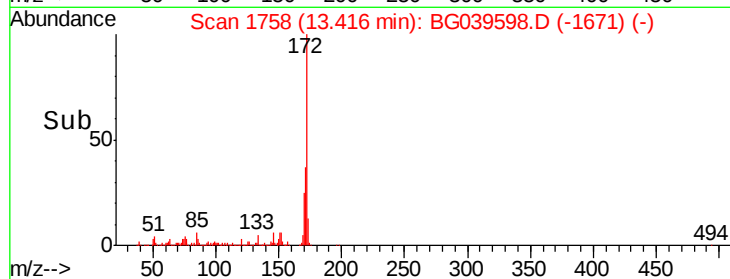
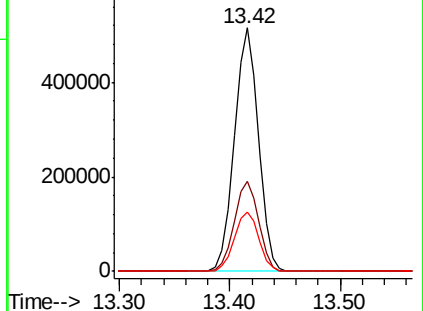
170 24.6 20.2 30.4



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: 38.629 ng

RT: 13.63 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

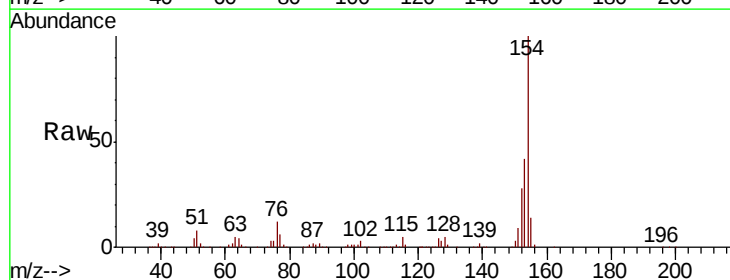
Tgt Ion:154 Resp: 463792

Ion Ratio Lower Upper

154 100

153 42.4 22.1 62.1

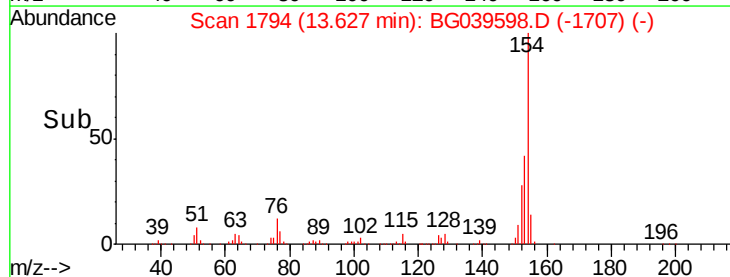
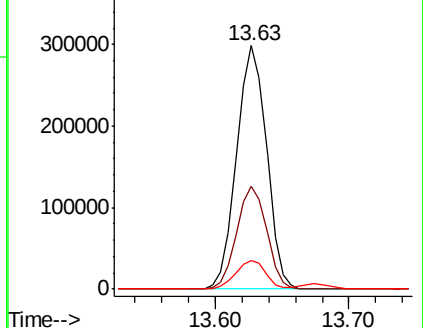
76 11.9 0.0 32.4

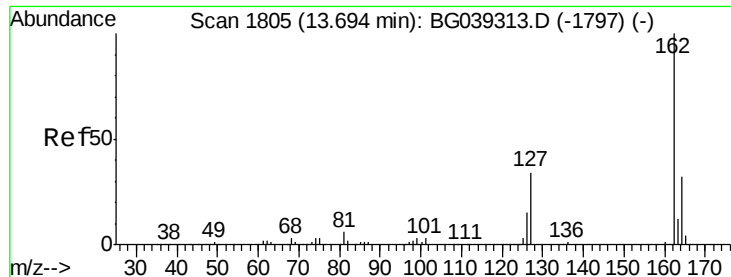


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

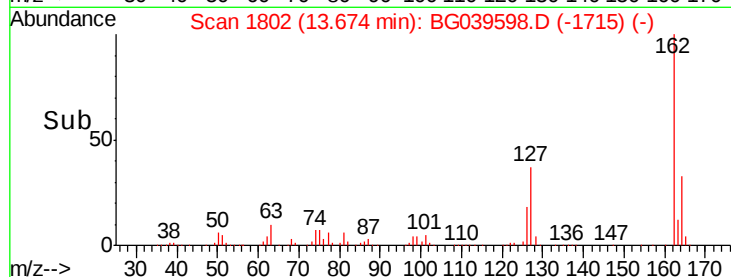
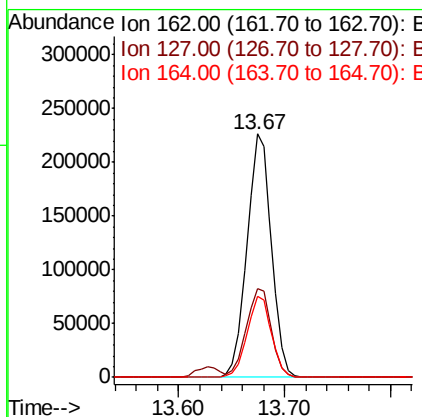
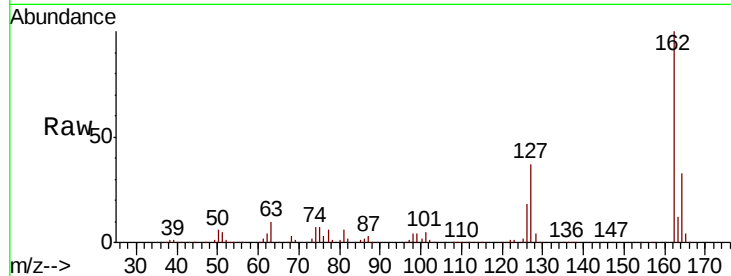




#47
 2-Chloronaphthalene
 Concen: 40.314 ng
 RT: 13.67 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG039598.D
 Acq: 26 Feb 2019 13:24

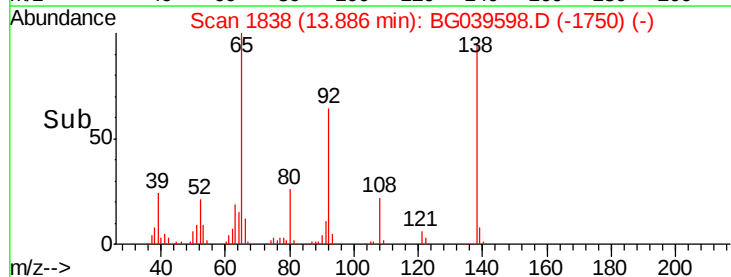
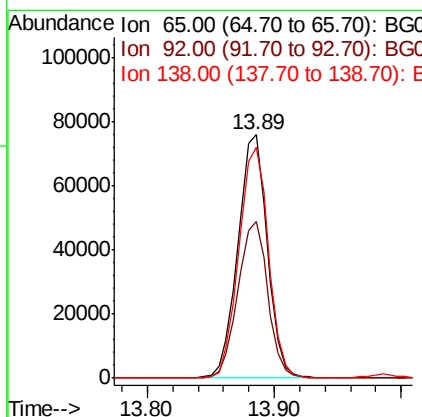
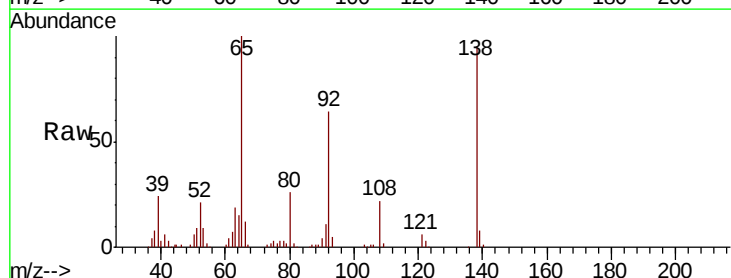
Instrument :
 BNA_G
 ClientSampleId :
 PB117389BS

Tgt Ion: 162 Resp: 364123
 Ion Ratio Lower Upper
 162 100
 127 36.7 31.0 46.6
 164 33.0 25.7 38.5



#48
 2-Nitroaniline
 Concen: 47.281 ng
 RT: 13.89 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG039598.D
 Acq: 26 Feb 2019 13:24

Tgt Ion: 65 Resp: 122286
 Ion Ratio Lower Upper
 65 100
 92 64.4 51.4 77.2
 138 95.0 71.4 107.2





#49

Acenaphthylene

Concen: 42.159 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

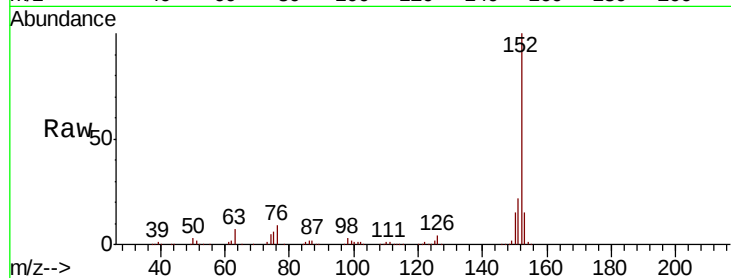
Tgt Ion:152 Resp: 574580

Ion Ratio Lower Upper

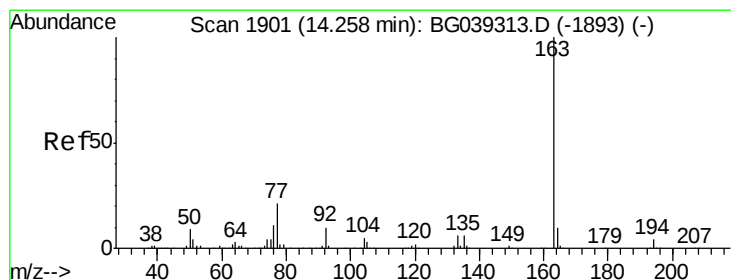
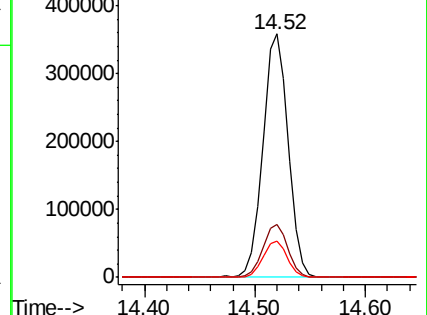
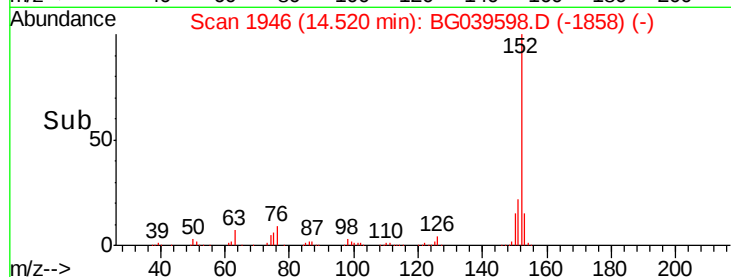
152 100

151 21.9 16.8 25.2

153 14.9 11.7 17.5



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: 41.070 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

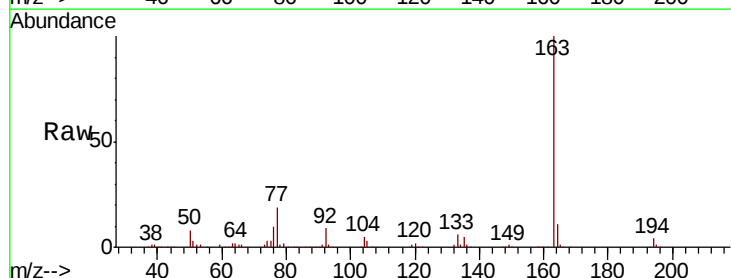
Tgt Ion:163 Resp: 478658

Ion Ratio Lower Upper

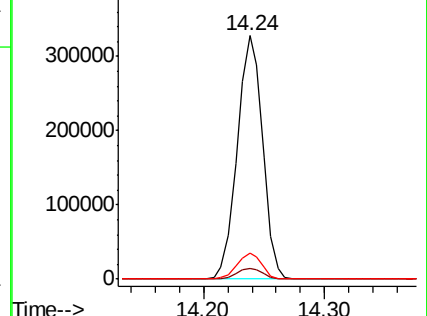
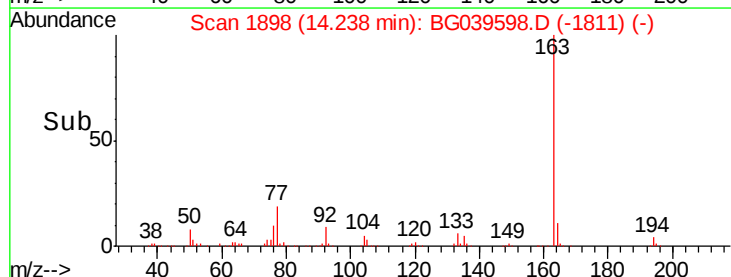
163 100

194 4.5 3.6 5.4

164 10.7 8.4 12.6



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

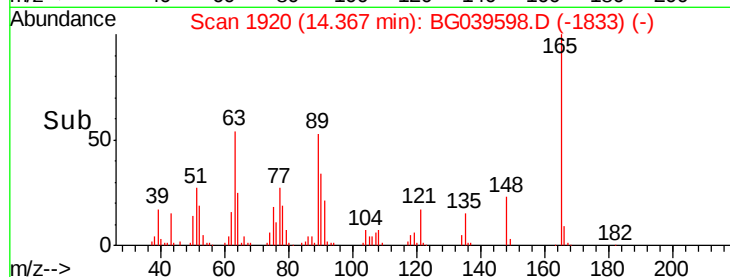
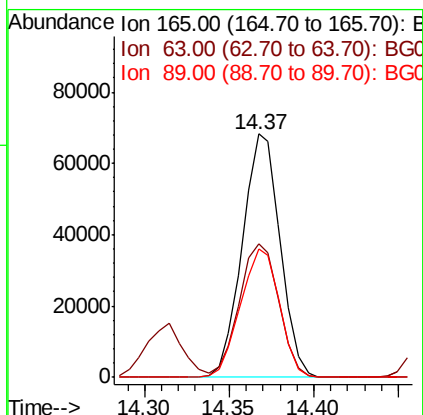
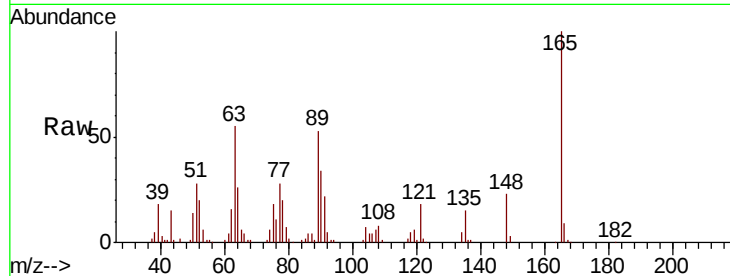




#51
 2,6-Dinitrotoluene
 Concen: 48.563 ng
 RT: 14.37 min Scan# 1920
 Delta R.T. -0.02 min
 Lab File: BG039598.D
 Acq: 26 Feb 2019 13:24

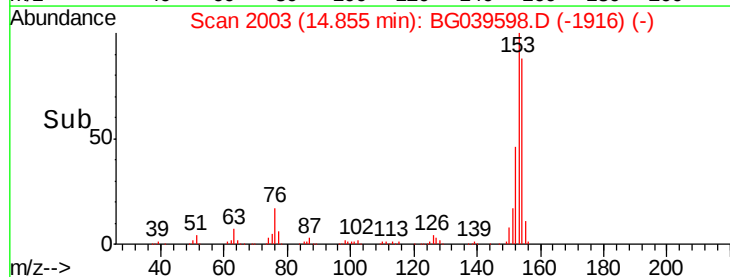
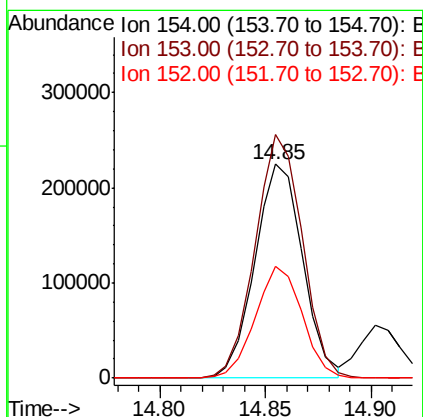
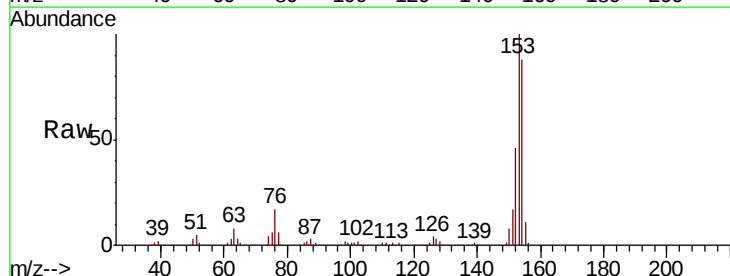
Instrument :
 BNA_G
 ClientSampleId :
 PB117389BS

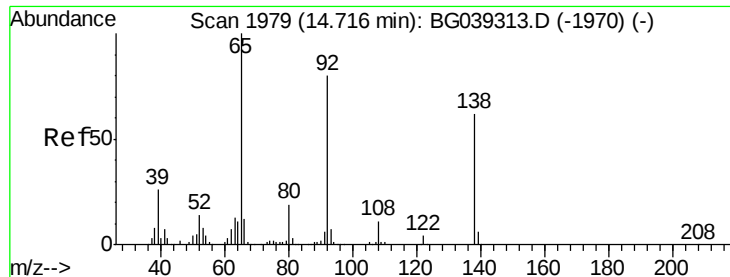
Tgt Ion:165 Resp: 105973
 Ion Ratio Lower Upper
 165 100
 63 54.7 47.0 70.6
 89 52.6 45.8 68.8



#52
 Acenaphthene
 Concen: 40.075 ng
 RT: 14.85 min Scan# 2003
 Delta R.T. -0.02 min
 Lab File: BG039598.D
 Acq: 26 Feb 2019 13:24

Tgt Ion:154 Resp: 354530
 Ion Ratio Lower Upper
 154 100
 153 113.8 90.1 135.1
 152 52.0 40.9 61.3





#53

3-Nitroaniline

Concen: 33.406 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

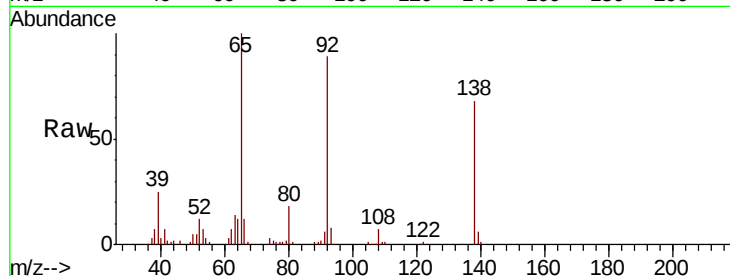
Tgt Ion:138 Resp: 73806

Ion Ratio Lower Upper

138 100

108 10.7 13.8 20.8#

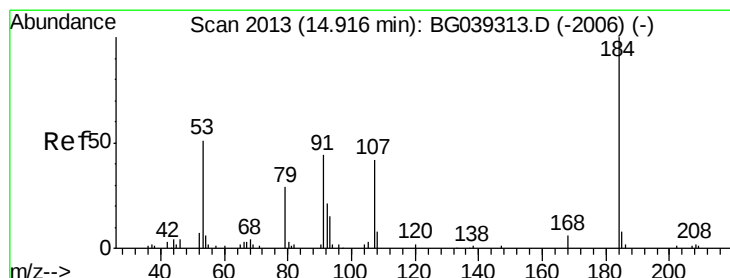
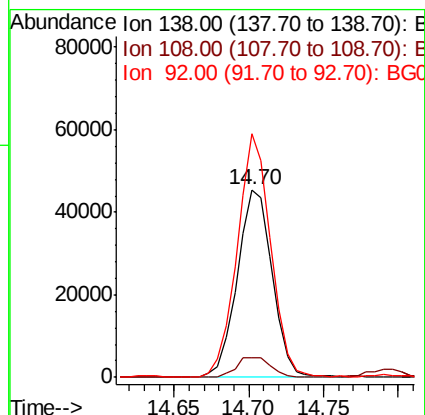
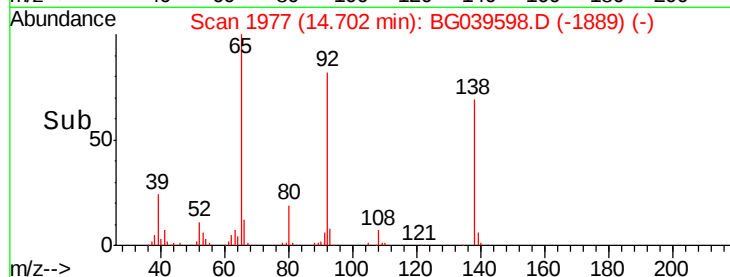
92 129.8 103.7 155.5



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: 110.399 ng

RT: 14.90 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

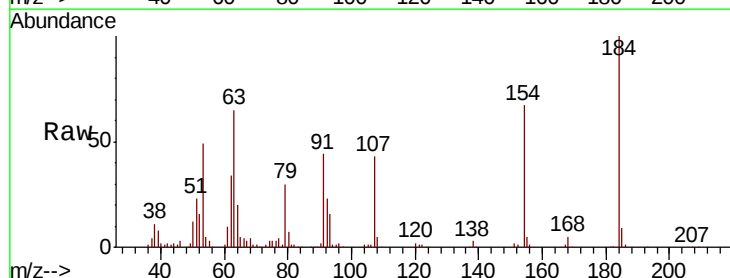
Tgt Ion:184 Resp: 126110

Ion Ratio Lower Upper

184 100

63 64.8 50.9 76.3

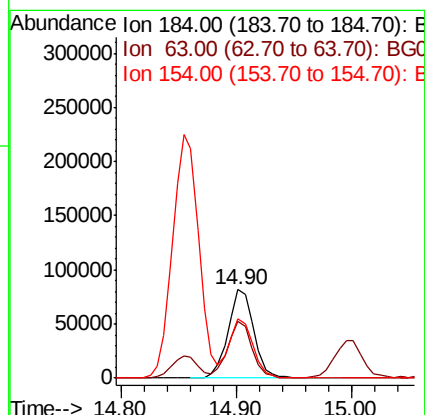
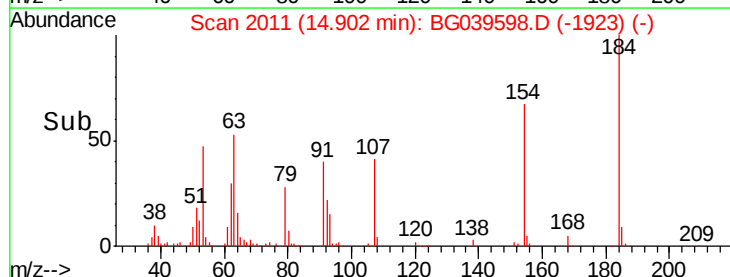
154 67.4 53.0 79.6

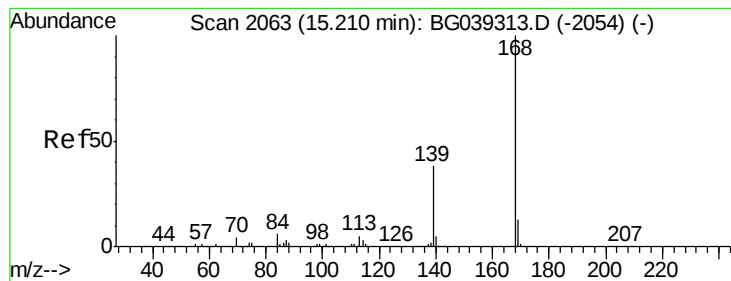


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.154 ng

RT: 15.19 min Scan# 2060

Delta R.T. -0.02 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

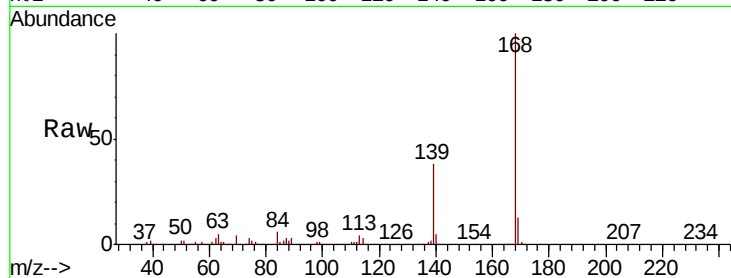
Tgt Ion:168 Resp: 569563

Ion Ratio Lower Upper

168 100

139 38.1 30.1 45.1

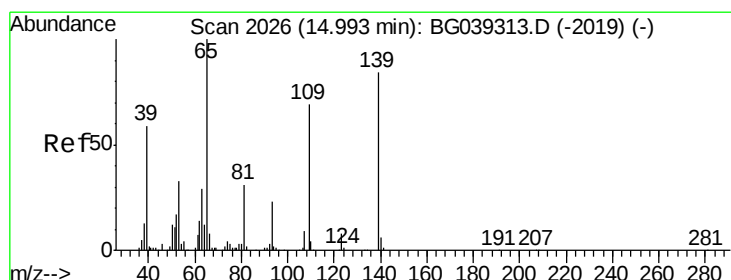
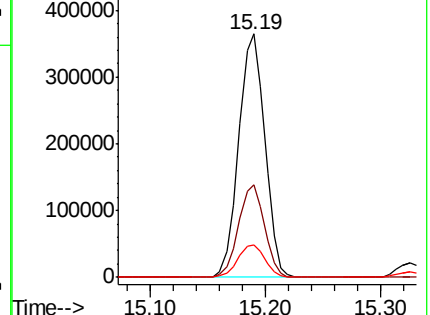
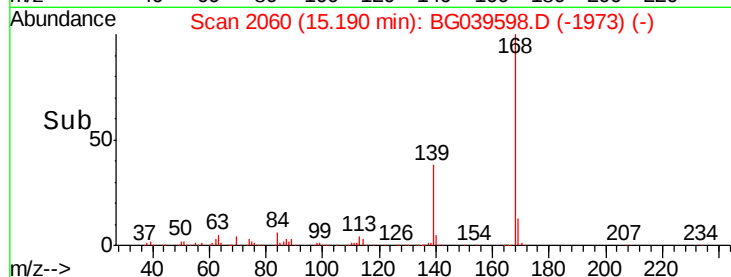
169 13.3 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 91.614 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

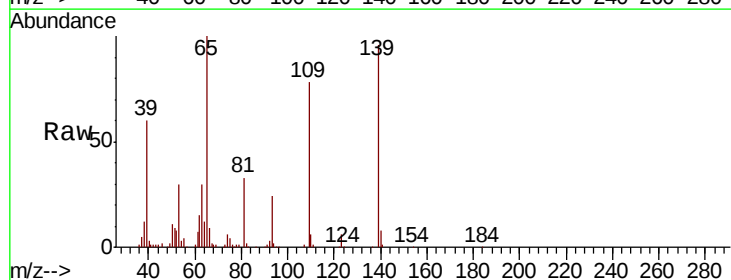
Tgt Ion:139 Resp: 194963

Ion Ratio Lower Upper

139 100

109 80.9 61.9 101.9

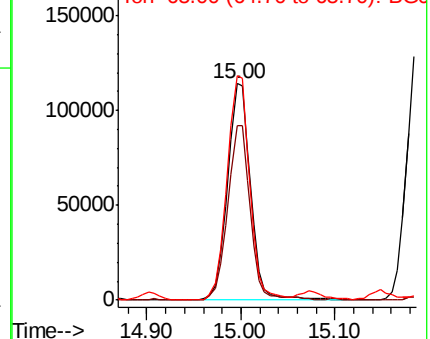
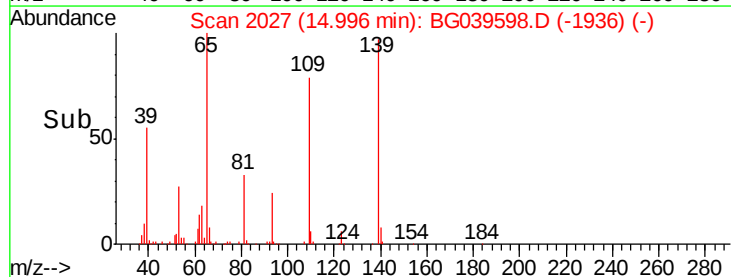
65 103.7 99.1 139.1

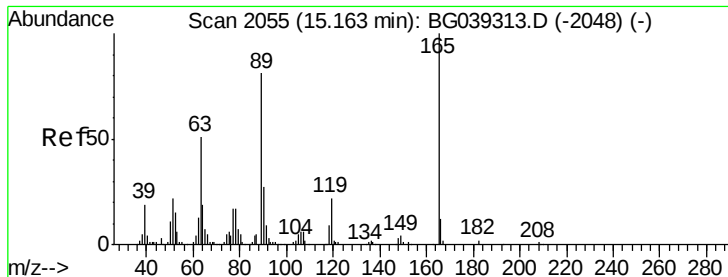


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 53.869 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

Tgt Ion:165 Resp: 153491

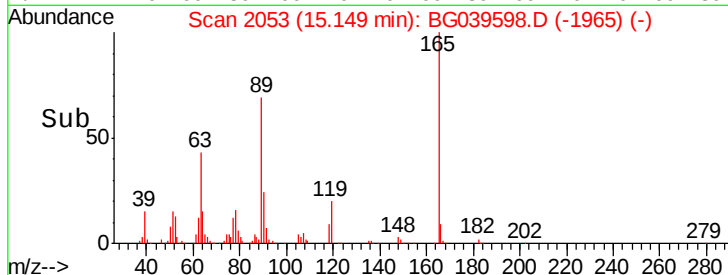
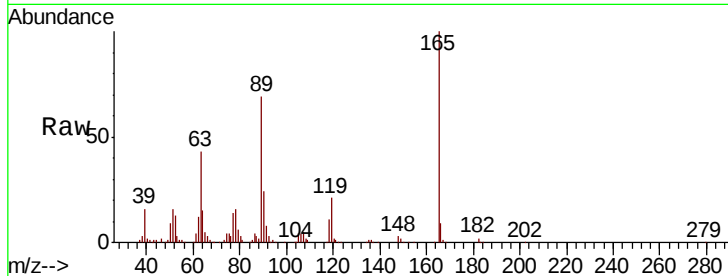
Ion Ratio Lower Upper

165 100

63 43.0 41.0 61.6

89 68.7 64.6 96.8

182 2.2 2.0 3.0

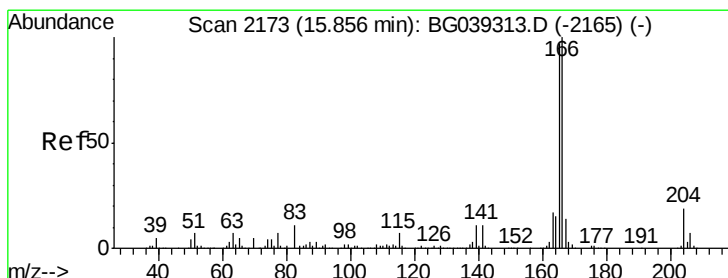
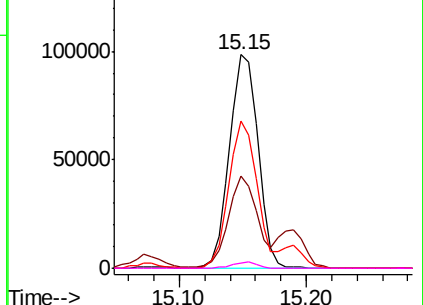


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.881 ng

RT: 15.84 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

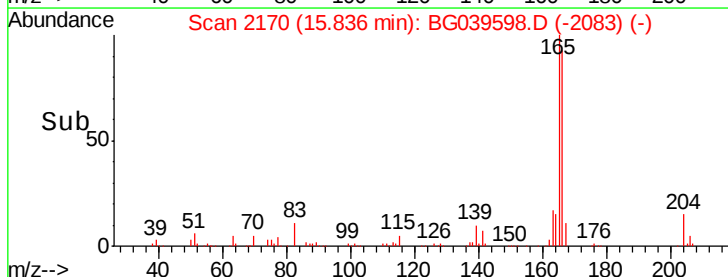
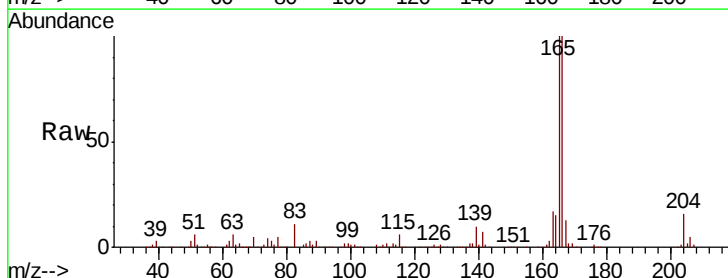
Tgt Ion:166 Resp: 453420

Ion Ratio Lower Upper

166 100

165 100.1 77.9 116.9

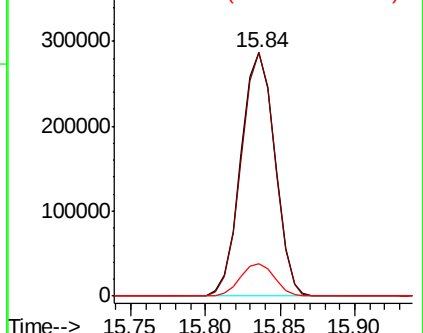
167 13.4 10.8 16.2



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

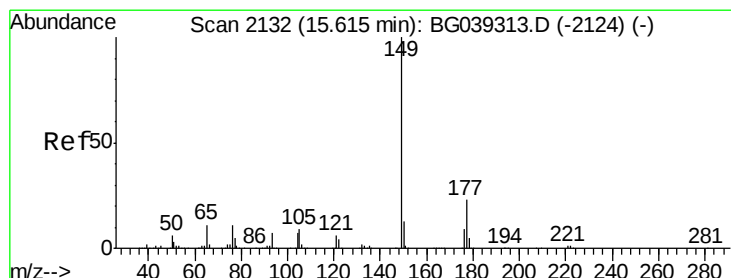
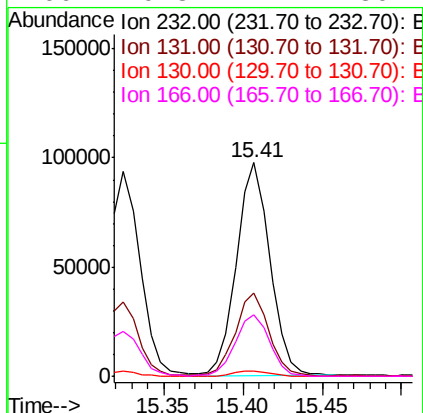
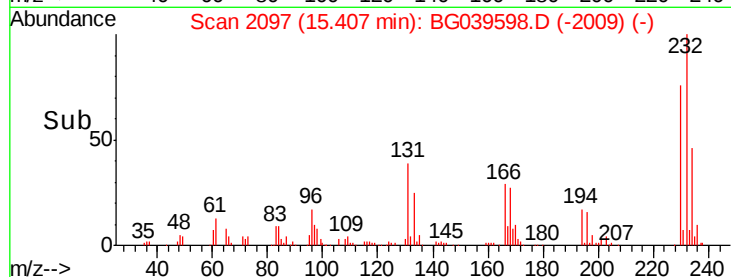
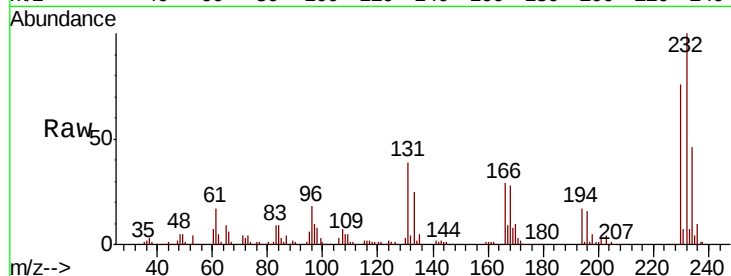




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.685 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039598.D
 Acq: 26 Feb 2019 13:24

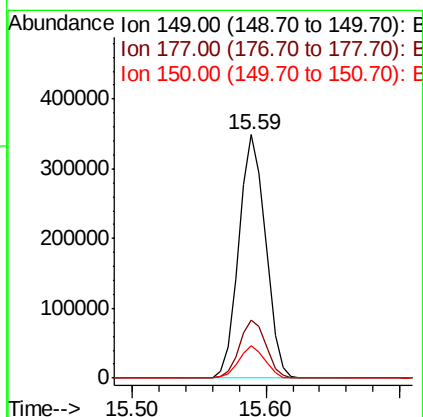
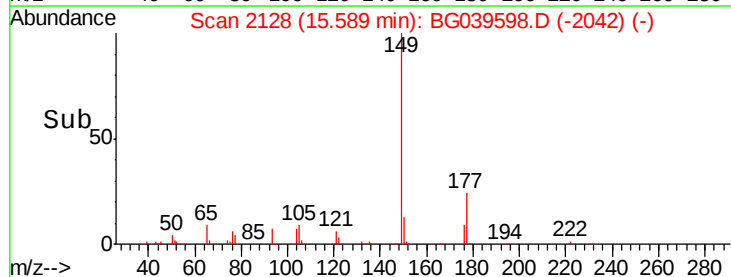
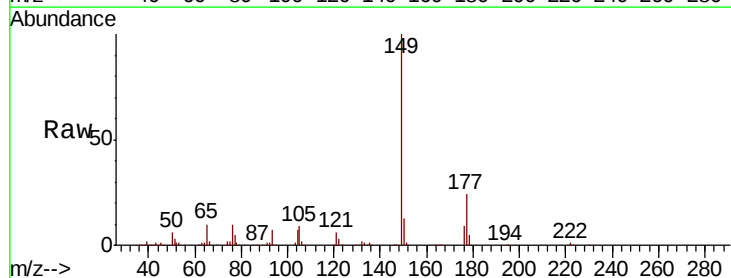
Instrument :
 BNA_G
 ClientSampleId :
 PB117389BS

Tgt Ion:	232	Resp:	143184
Ion	Ratio	Lower	Upper
232	100		
131	38.8	34.9	52.3
130	2.7	2.0	3.0
166	29.8	24.1	36.1



#60
 Diethylphthalate
 Concen: 40.060 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BG039598.D
 Acq: 26 Feb 2019 13:24

Tgt Ion:	149	Resp:	482723
Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.3	27.5
150	13.1	10.2	15.2

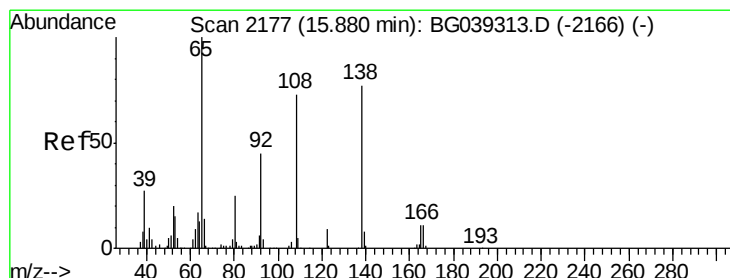
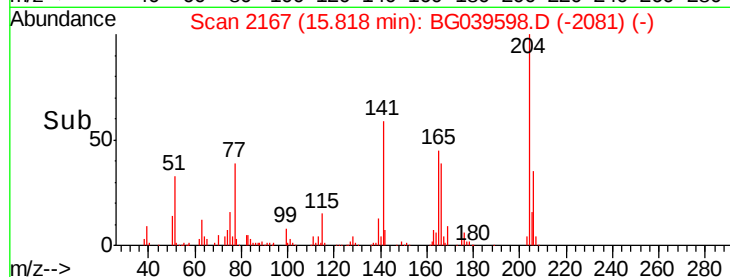
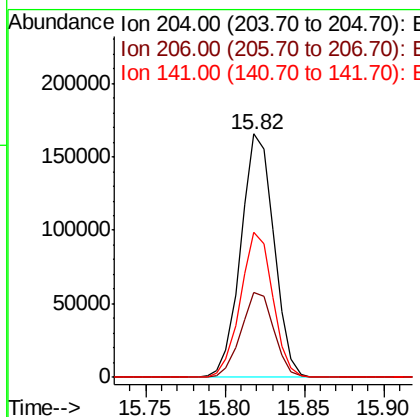
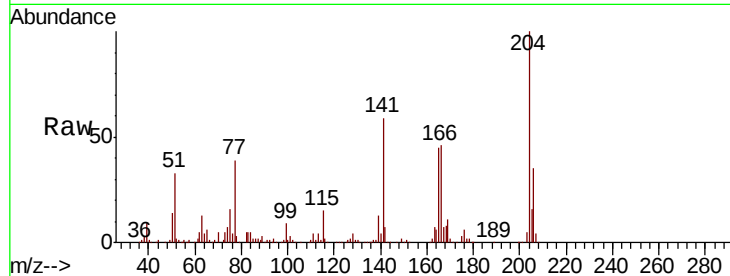




#61
 4-Chlorophenyl-phenylether
 Concen: 39.991 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BG039598.D
 Acq: 26 Feb 2019 13:24

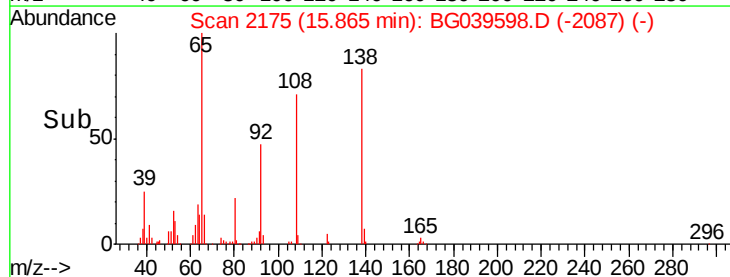
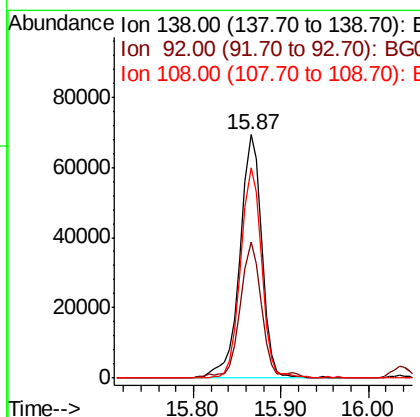
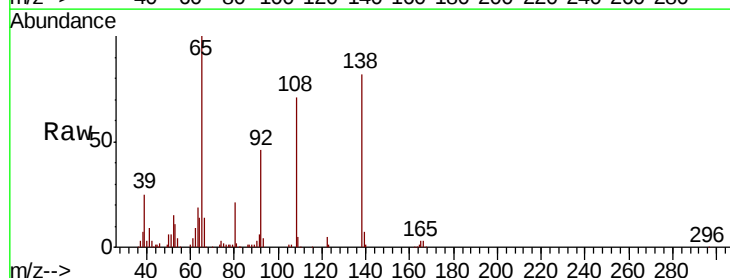
Instrument :
 BNA_G
 ClientSampleId :
 PB117389BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.0	29.2	43.8
141	59.5	49.0	73.4



#62
 4-Nitroaniline
 Concen: 47.478 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG039598.D
 Acq: 26 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.8	38.7	78.7
108	86.2	74.6	114.6

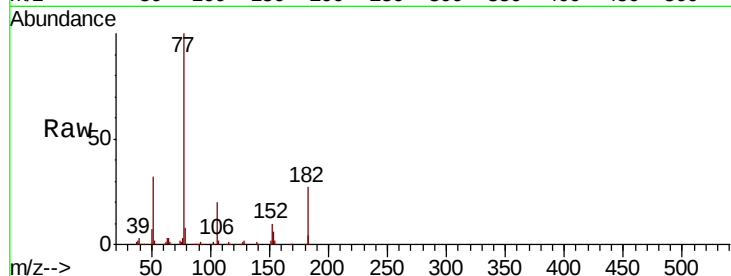




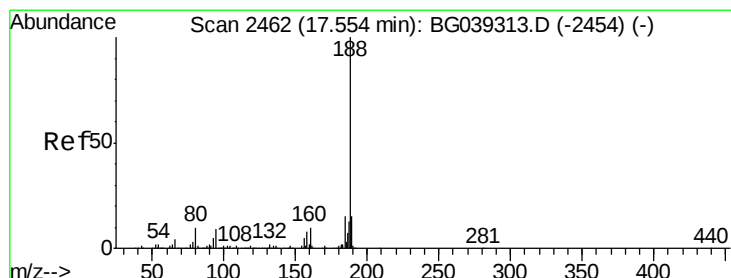
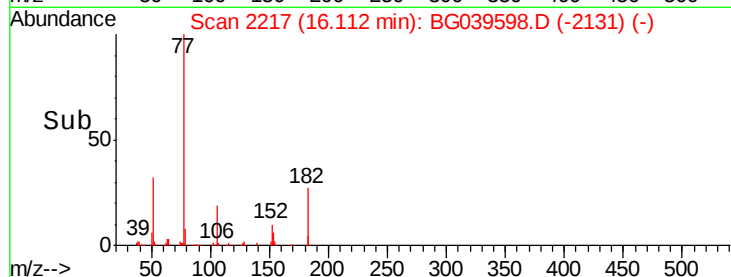
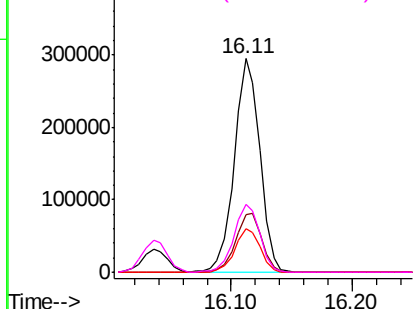
#63
Azobenzene
Concen: 36.705 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.03 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

Instrument :
BNA_G
ClientSampleId :
PB117389BS

Tgt Ion:	77	Resp:	432297
Ion	Ratio	Lower	Upper
77	100		
182	27.0	6.4	46.4
105	20.3	0.0	39.8
51	31.8	14.1	54.1

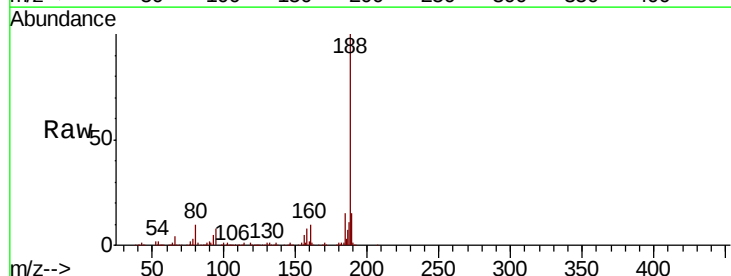


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

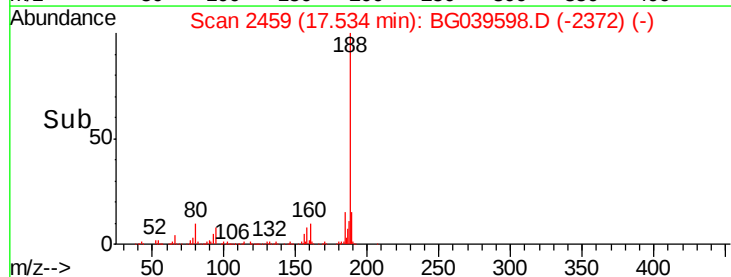
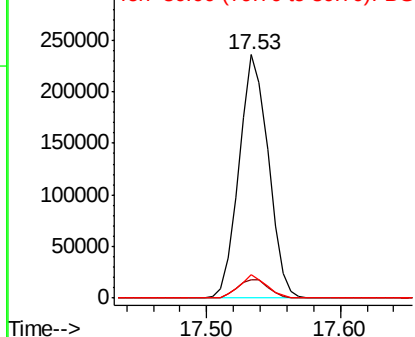


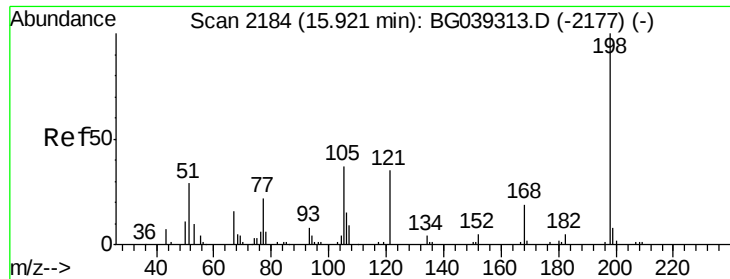
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

Tgt Ion:	188	Resp:	357530
Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	9.5	8.1	12.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

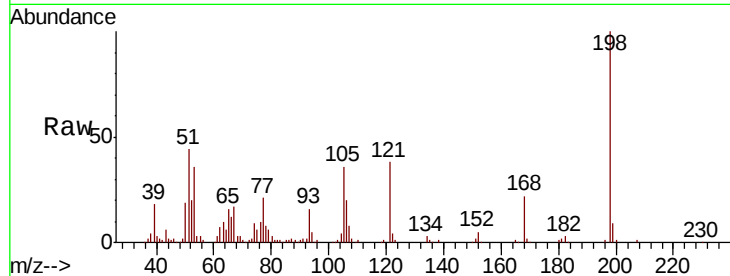




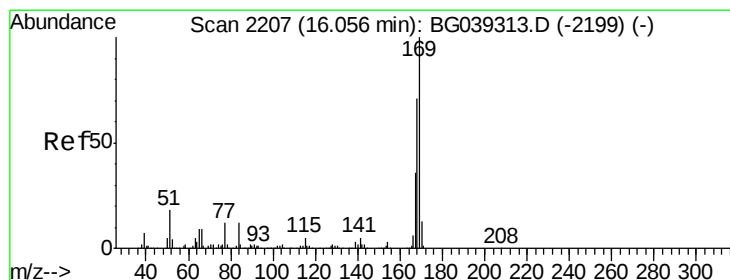
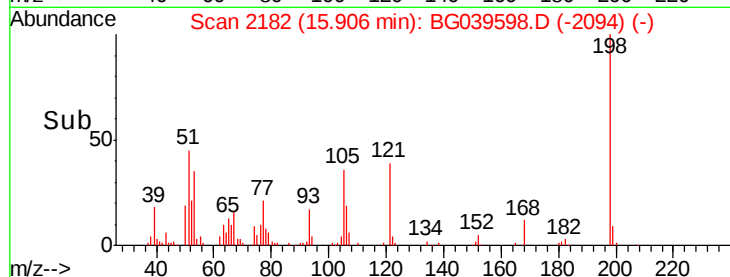
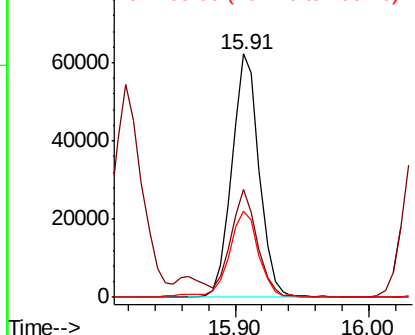
#65
4,6-Dinitro-2-methylphenol
Concen: 58.139 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

Instrument :
BNA_G
ClientSampleId :
PB117389BS

Tgt Ion:198 Resp: 88779
Ion Ratio Lower Upper
198 100
51 44.3 27.4 67.4
105 35.6 19.7 59.7

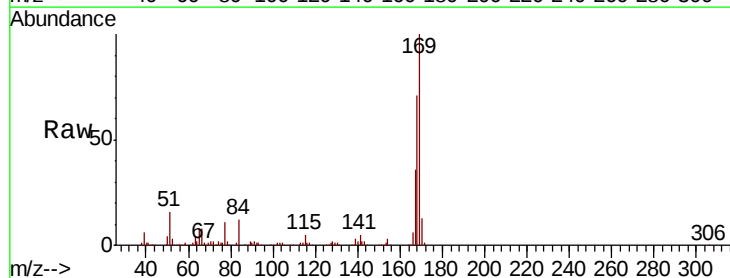


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

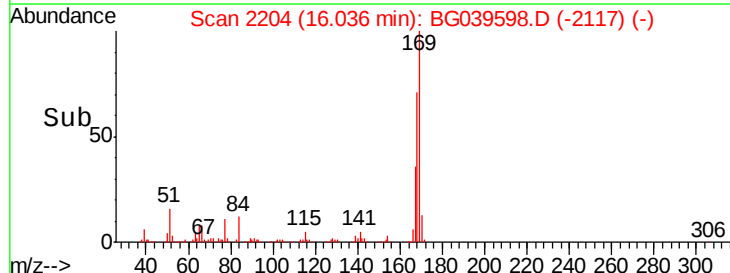
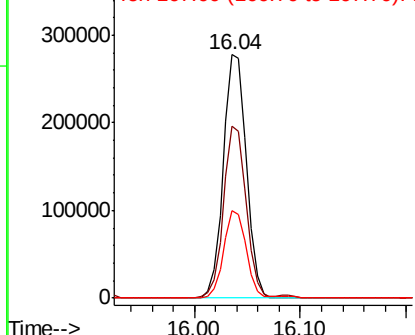


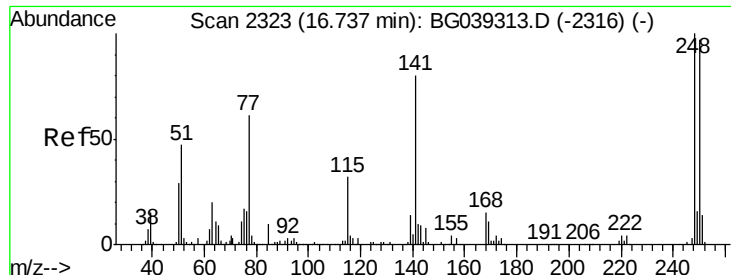
#66
n-Nitrosodiphenylamine
Concen: 38.442 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

Tgt Ion:169 Resp: 417913
Ion Ratio Lower Upper
169 100
168 70.7 56.6 85.0
167 35.9 28.8 43.2



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

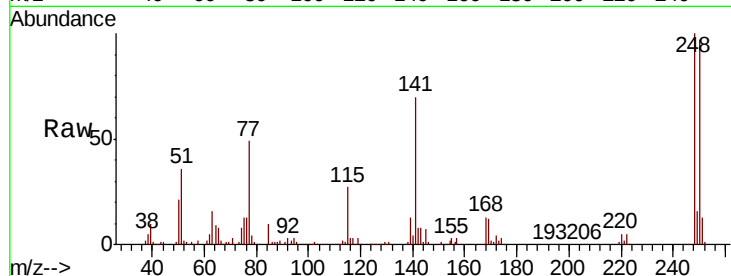




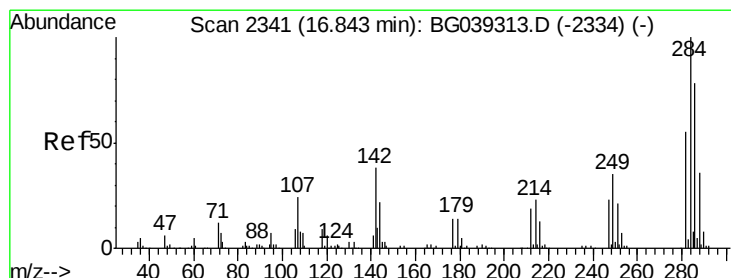
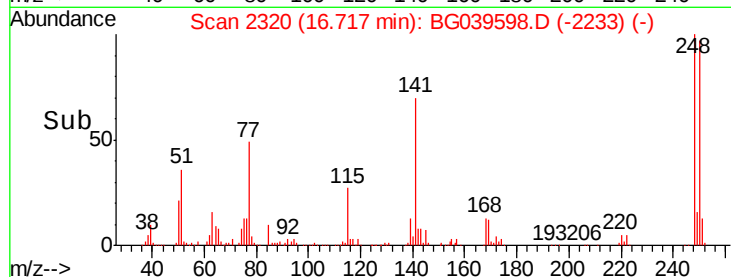
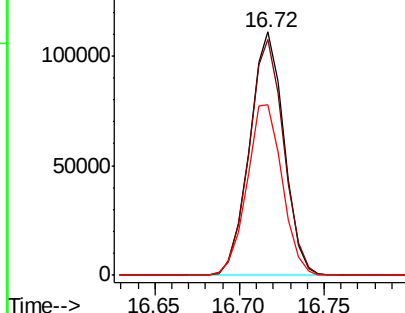
#67
 4-Bromophenyl-phenylether
 Concen: 39.480 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039598.D
 Acq: 26 Feb 2019 13:24

Instrument :
 BNA_G
 ClientSampleId :
 PB117389BS

Tgt Ion:248 Resp: 156594
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.6 116.4
 141 70.3 63.9 95.9

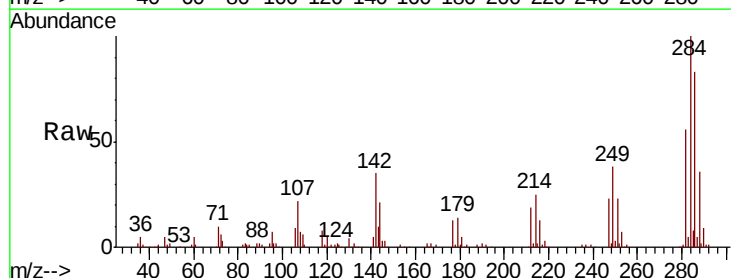


Abundance Ion 248.00 (247.70 to 248.70): E
 150000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

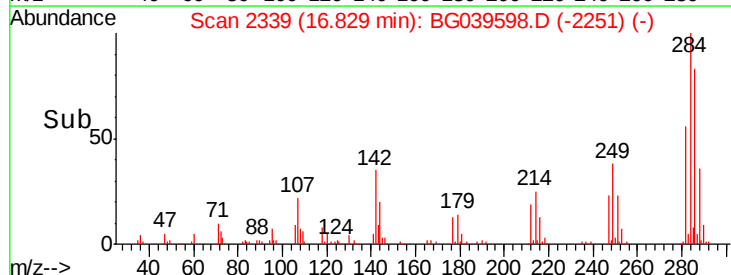
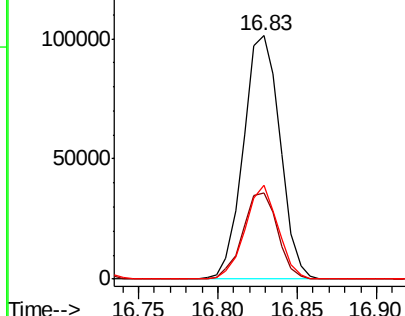


#68
 Hexachlorobenzene
 Concen: 40.845 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039598.D
 Acq: 26 Feb 2019 13:24

Tgt Ion:284 Resp: 162542
 Ion Ratio Lower Upper
 284 100
 142 35.2 30.6 45.8
 249 38.5 28.2 42.2



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: 42.768 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

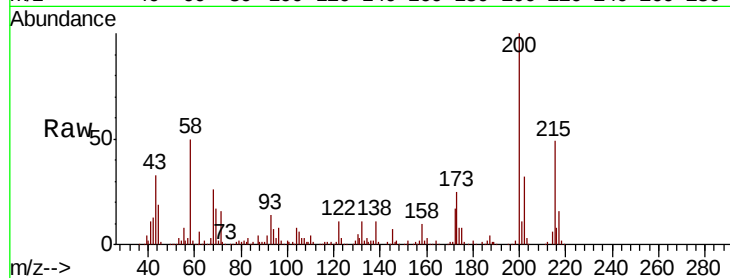
Tgt Ion:200 Resp: 169909

Ion Ratio Lower Upper

200 100

173 24.6 3.9 43.9

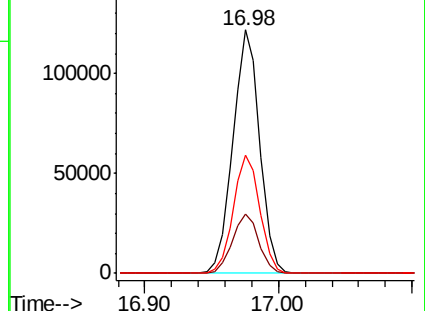
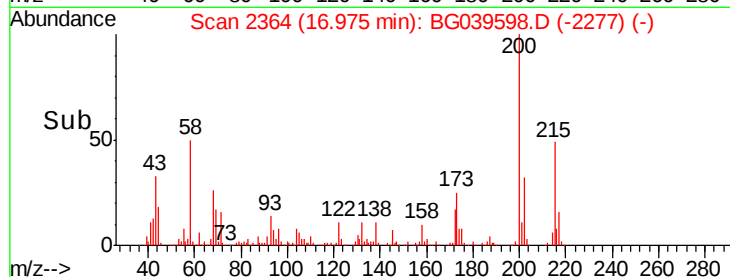
215 48.6 30.9 70.9



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: 77.673 ng

RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

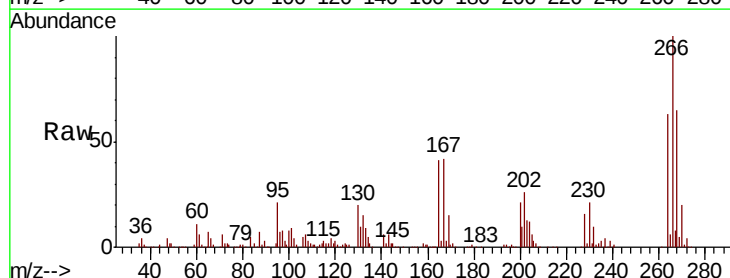
Tgt Ion:266 Resp: 214830

Ion Ratio Lower Upper

266 100

268 64.8 51.1 76.7

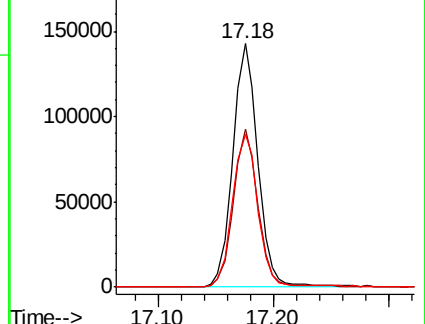
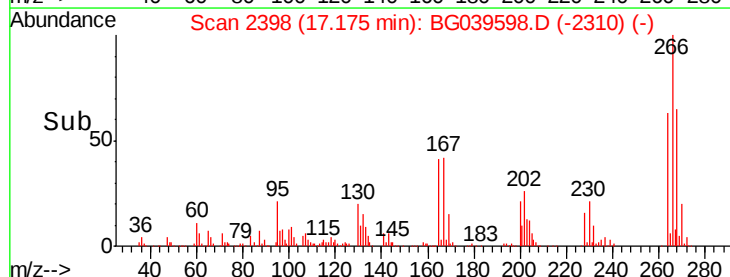
264 62.5 52.1 78.1

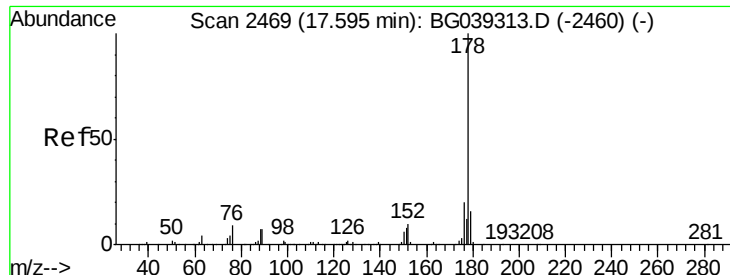


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

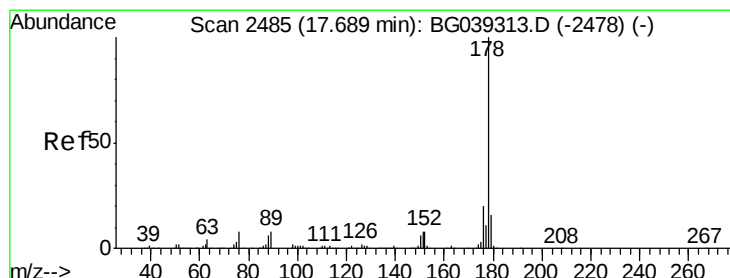
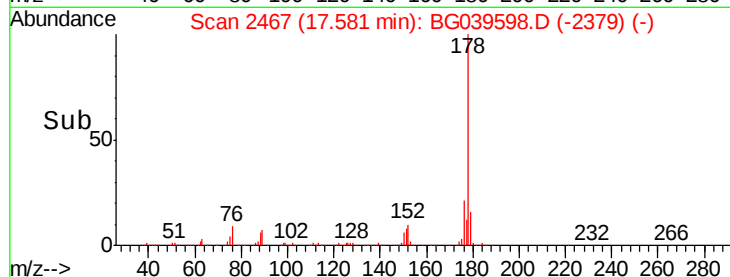
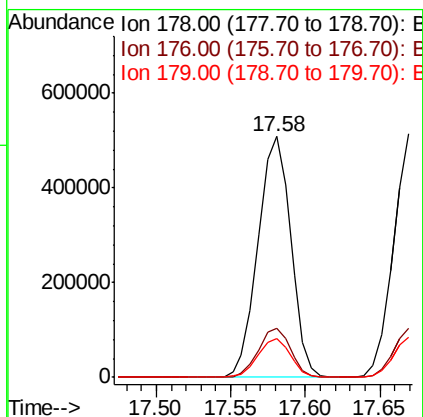
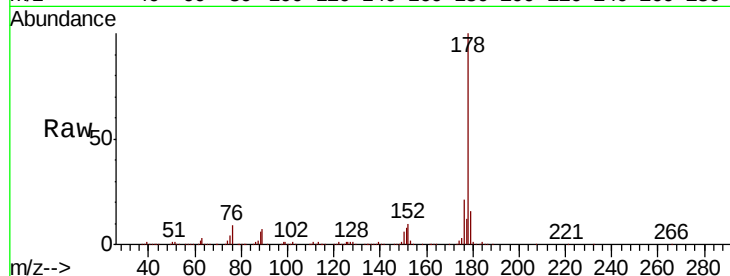




#71
Phenanthrene
Concen: 41.751 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

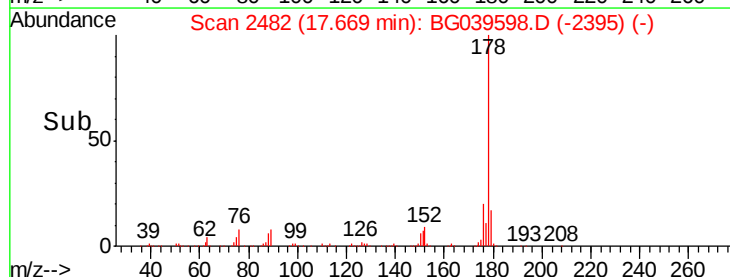
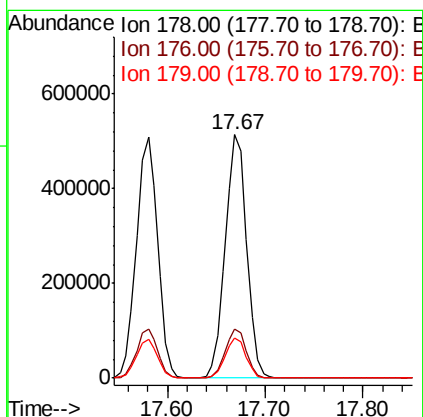
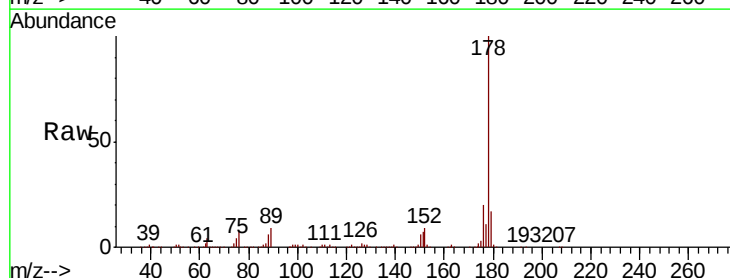
Instrument :
BNA_G
ClientSampleId :
PB117389BS

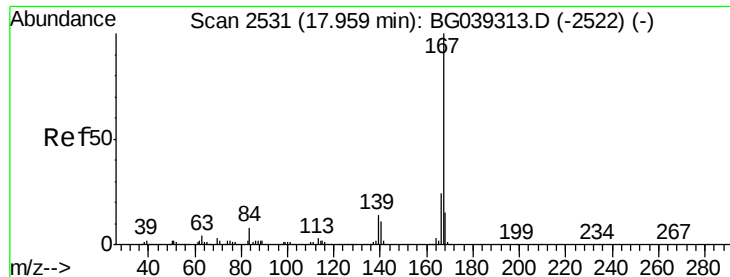
Tgt Ion:178 Resp: 772598
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.2 12.6 19.0



#72
Anthracene
Concen: 42.974 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

Tgt Ion:178 Resp: 783298
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 16.7 12.5 18.7





#73

Carbazole

Concen: 38.812 ng

RT: 17.94 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

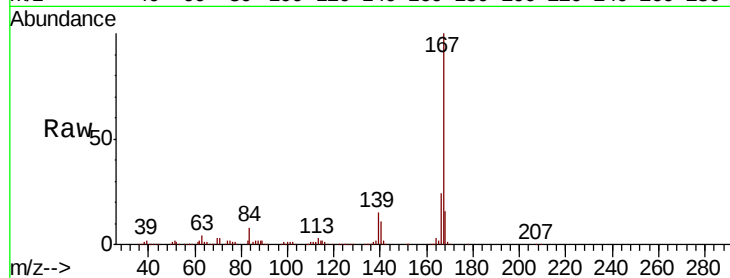
Tgt Ion:167 Resp: 706001

Ion Ratio Lower Upper

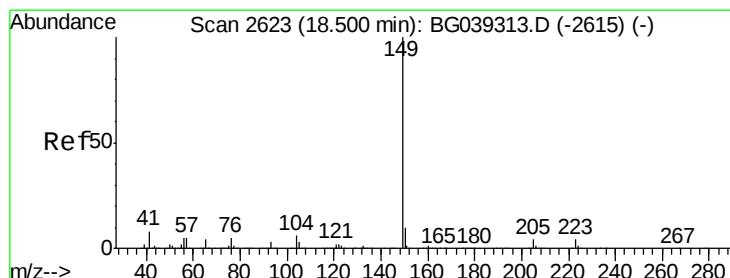
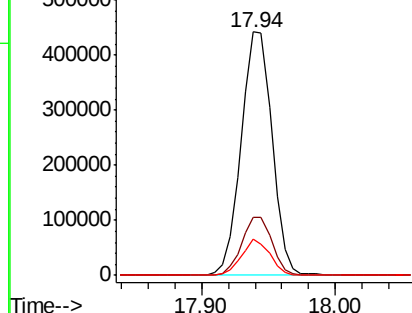
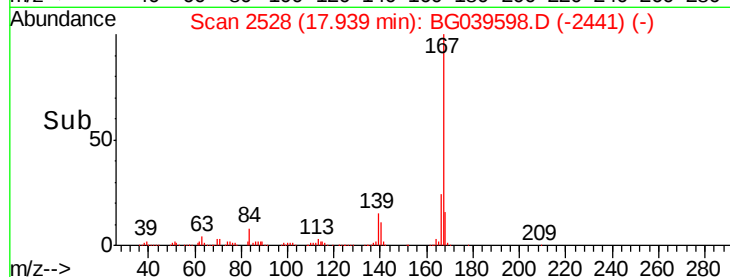
167 100

166 24.0 19.4 29.2

139 14.8 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.986 ng

RT: 18.47 min Scan# 2618

Delta R.T. -0.03 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

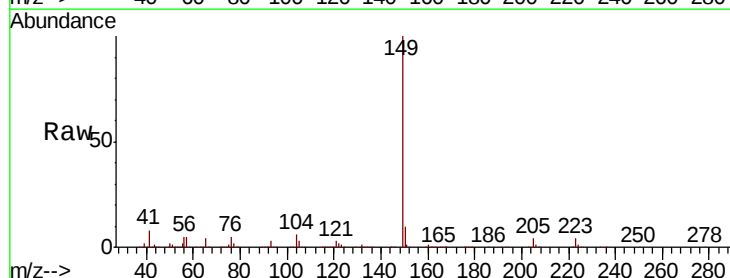
Tgt Ion:149 Resp: 869786

Ion Ratio Lower Upper

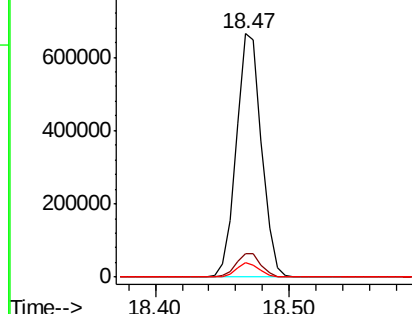
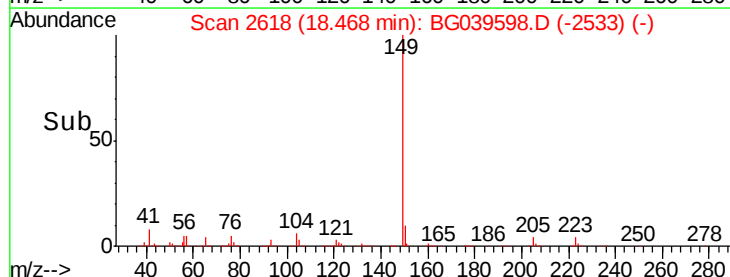
149 100

150 9.8 7.7 11.5

104 5.7 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.296 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

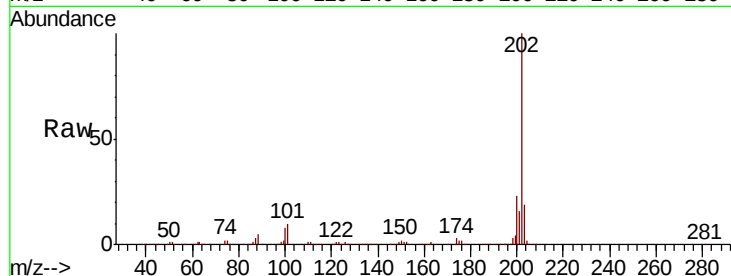
Tgt Ion: 202 Resp: 972885

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.0

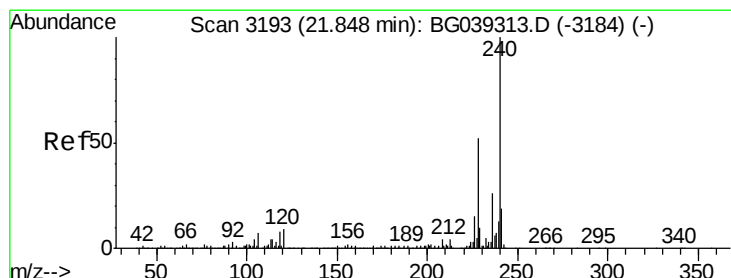
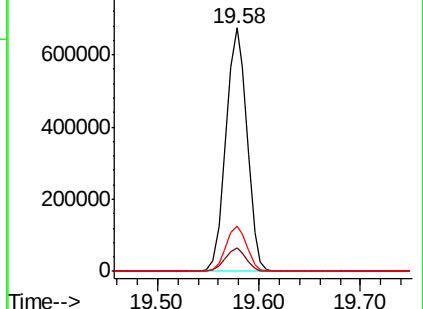
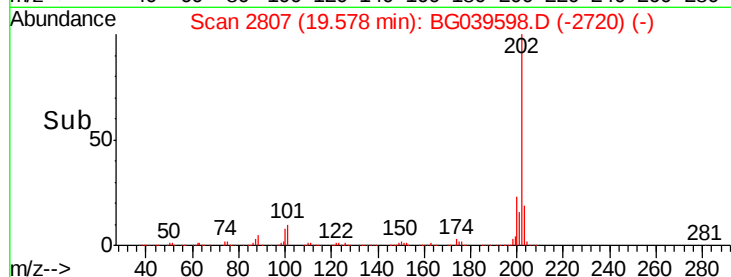
203 18.6 0.0 38.9



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: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

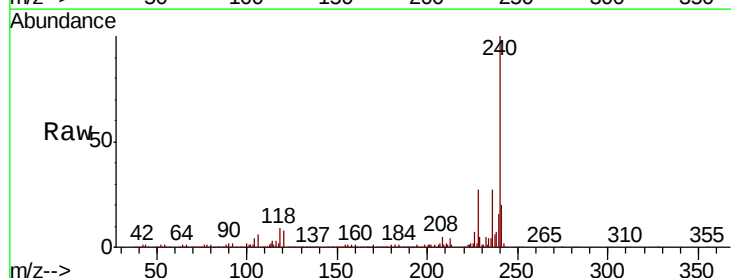
Tgt Ion: 240 Resp: 384871

Ion Ratio Lower Upper

240 100

120 7.8 7.0 10.6

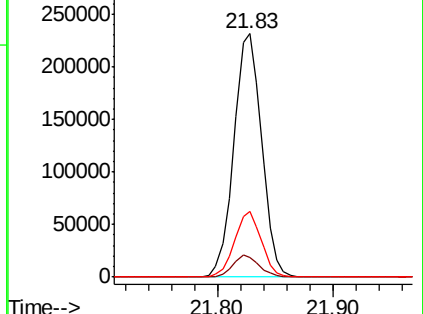
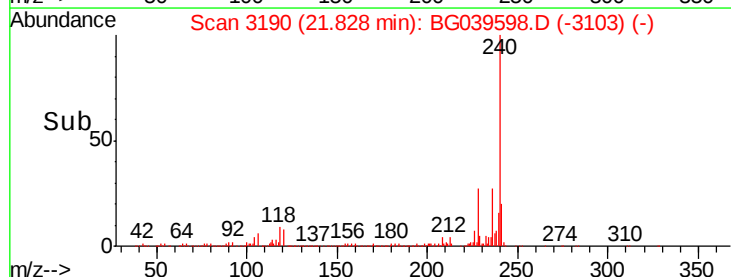
236 26.9 21.0 31.4

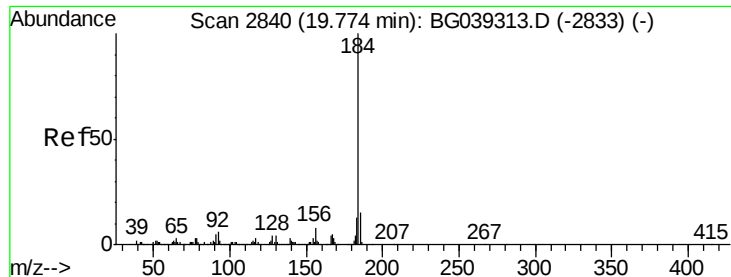


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.019 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

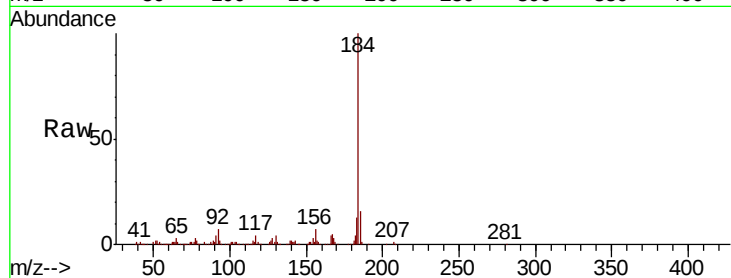
Tgt Ion:184 Resp: 340935

Ion Ratio Lower Upper

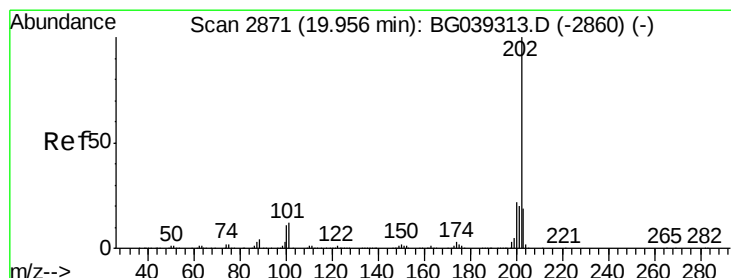
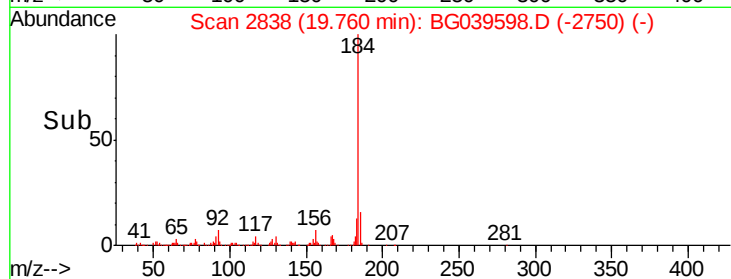
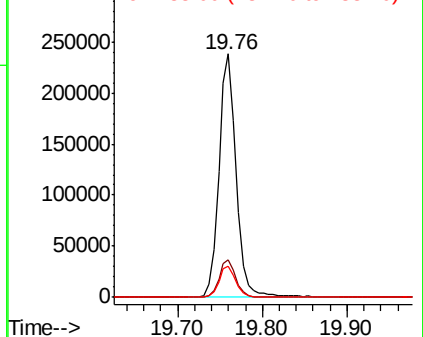
184 100

185 15.6 12.2 18.2

183 12.9 10.6 15.8



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: 40.474 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

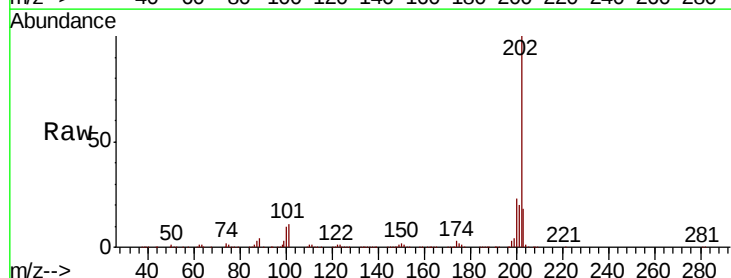
Tgt Ion:202 Resp: 969717

Ion Ratio Lower Upper

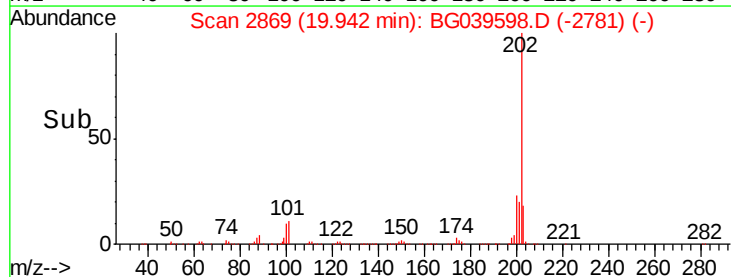
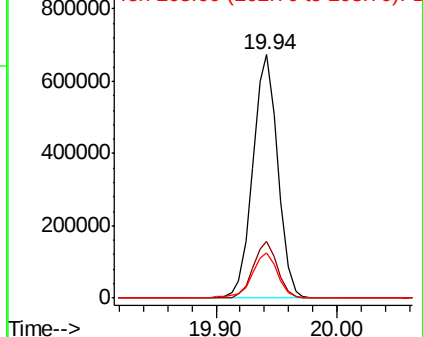
202 100

200 23.1 17.8 26.8

203 18.5 15.3 22.9



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: 78.835 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

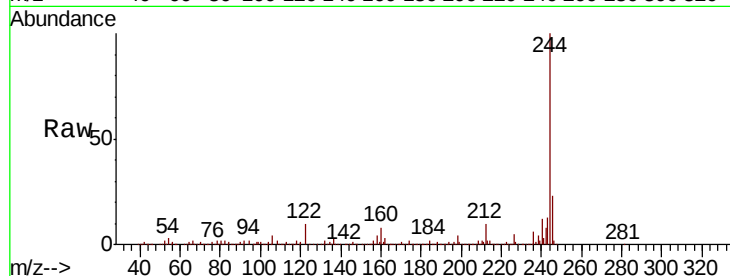
Tgt Ion:244 Resp: 1433434

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

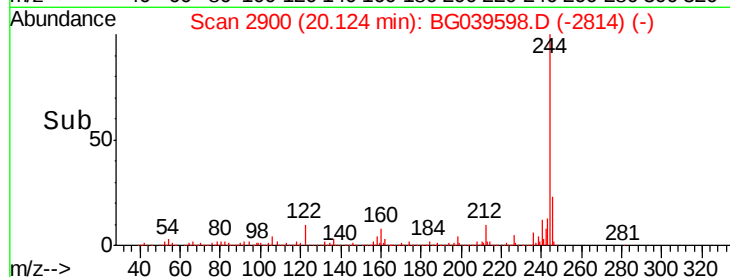
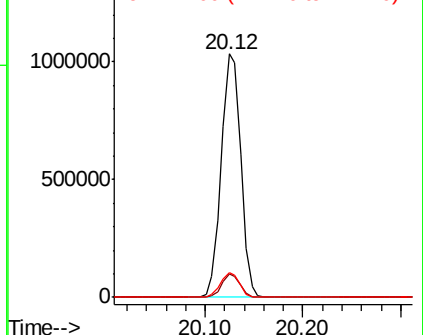
122 10.1 8.4 12.6



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: 41.729 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.03 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

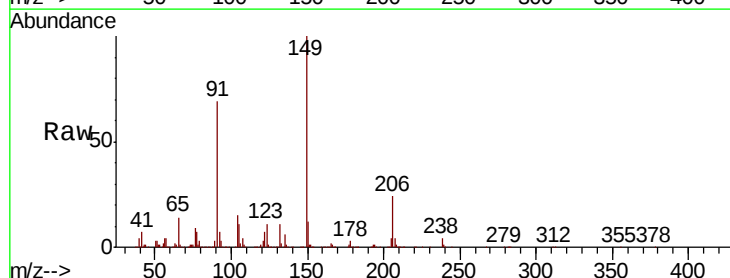
Tgt Ion:149 Resp: 421754

Ion Ratio Lower Upper

149 100

91 69.3 59.5 89.3

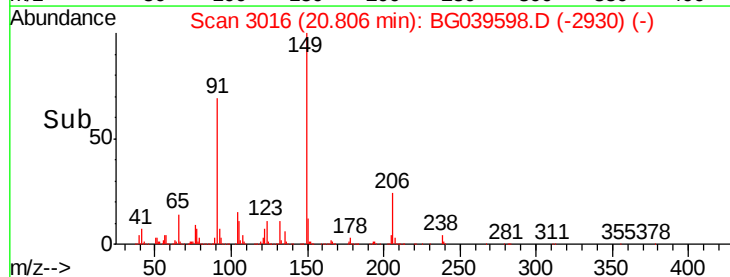
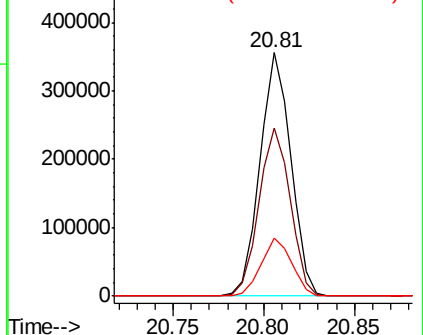
206 24.0 18.6 27.8

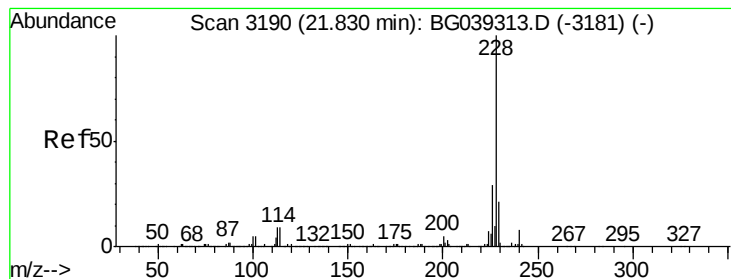


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.658 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.03 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

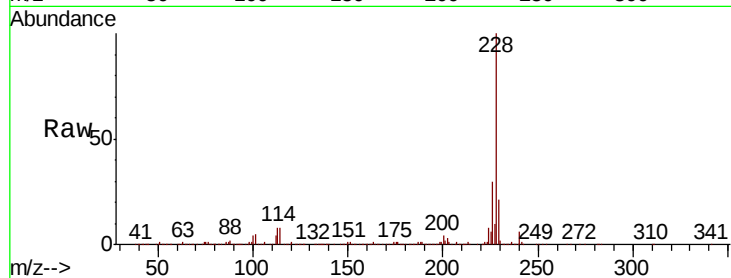
Tgt Ion:228 Resp: 970130

Ion Ratio Lower Upper

228 100

226 30.0 23.0 34.6

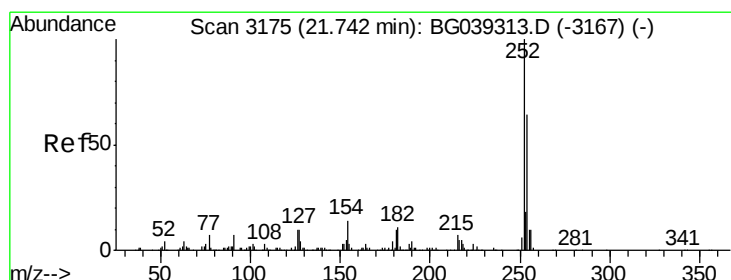
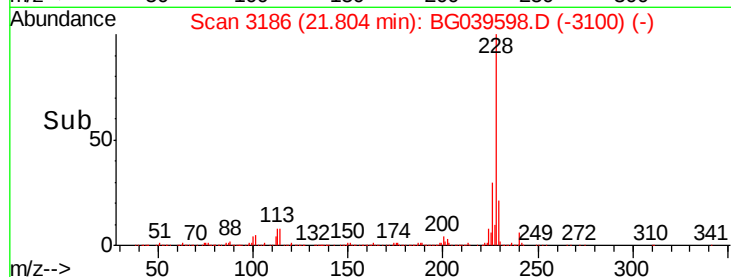
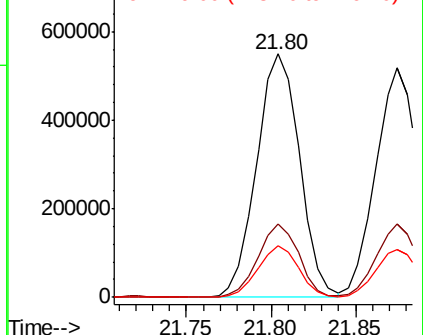
229 21.0 16.9 25.3



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: 29.144 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.03 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

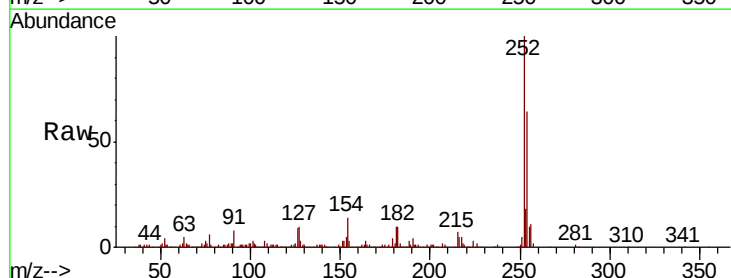
Tgt Ion:252 Resp: 245754

Ion Ratio Lower Upper

252 100

254 63.7 51.3 76.9

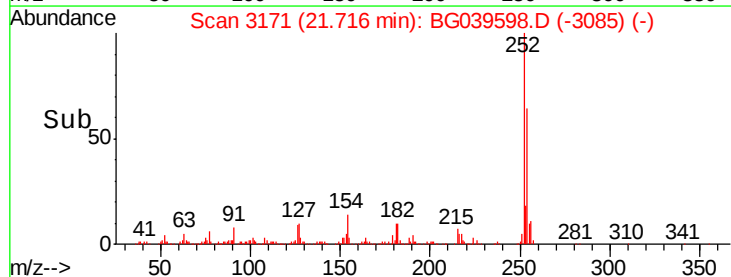
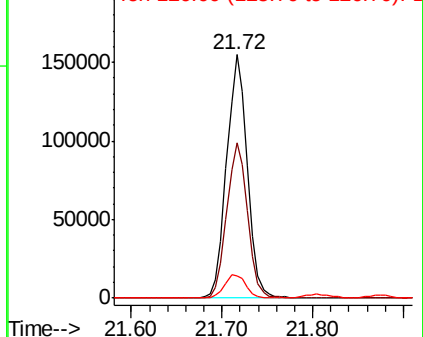
126 9.1 8.0 12.0



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: 41.908 ng

RT: 21.87 min Scan# 3198

Delta R.T. -0.03 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

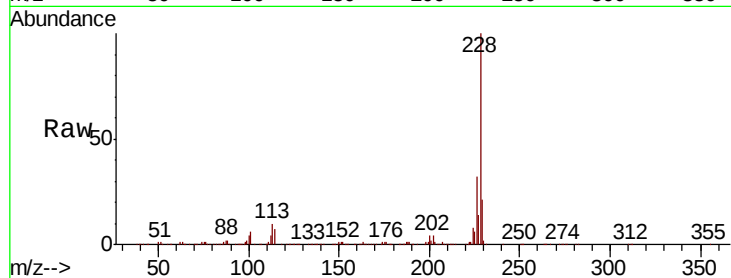
Tgt Ion:228 Resp: 907262

Ion Ratio Lower Upper

228 100

226 31.9 25.8 38.6

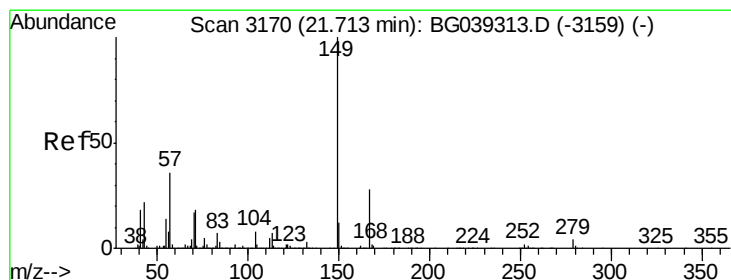
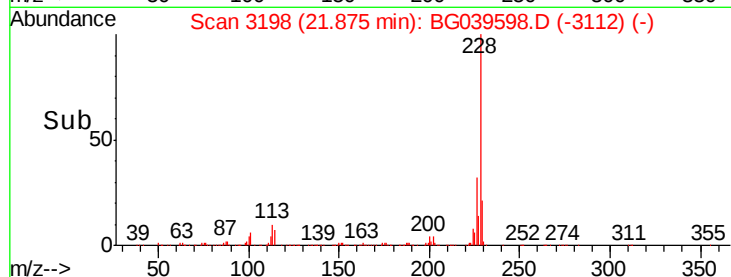
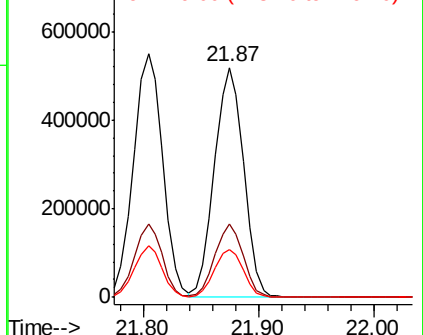
229 21.0 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.393 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

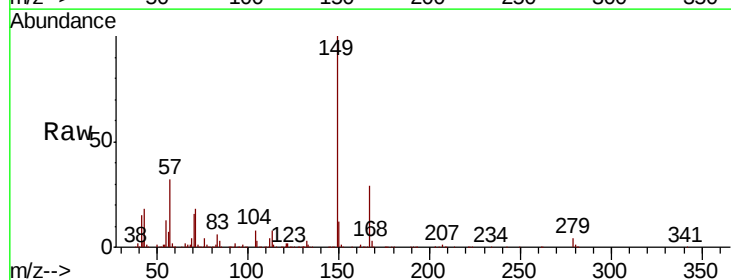
Tgt Ion:149 Resp: 582426

Ion Ratio Lower Upper

149 100

167 28.8 22.6 34.0

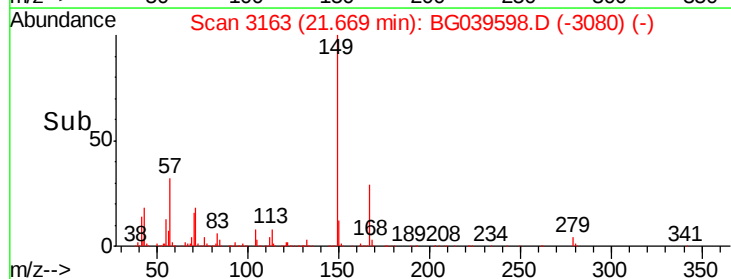
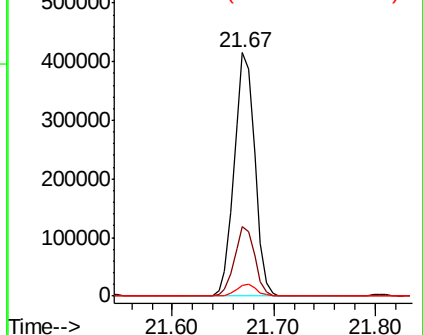
279 4.4 3.5 5.3

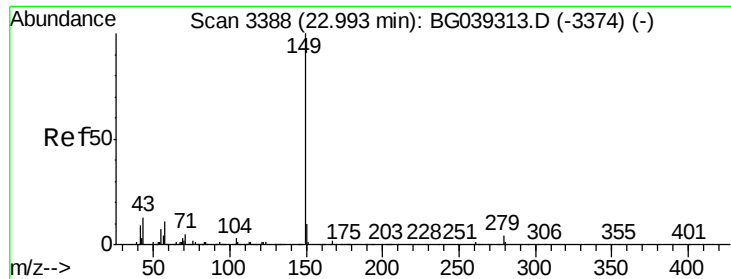


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.586 ng

RT: 22.93 min Scan# 3378

Delta R.T. -0.06 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

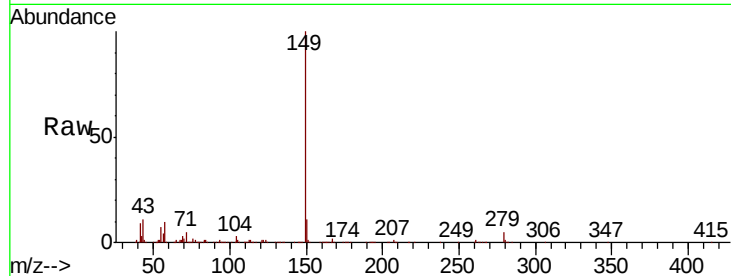
Tgt Ion:149 Resp: 990635

Ion Ratio Lower Upper

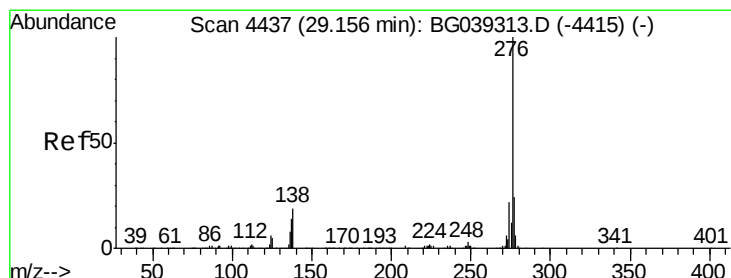
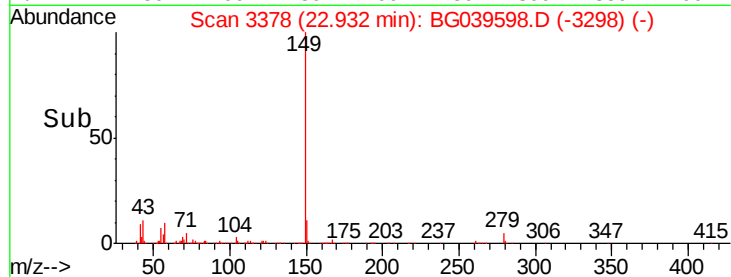
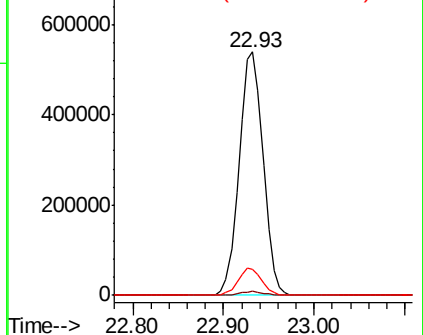
149 100

167 1.7 1.3 1.9

43 10.8 10.2 15.4



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: 46.204 ng

RT: 29.09 min Scan# 4426

Delta R.T. -0.07 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

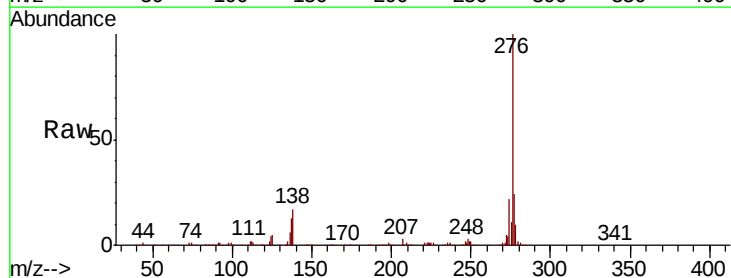
Tgt Ion:276 Resp: 1073196

Ion Ratio Lower Upper

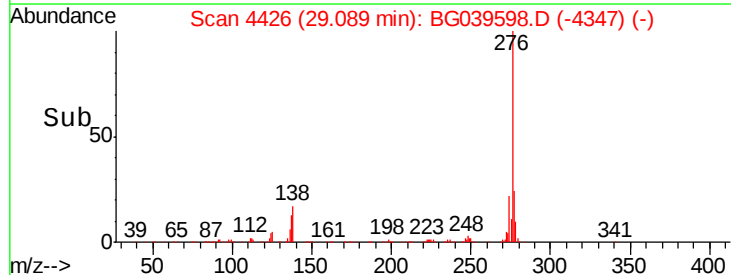
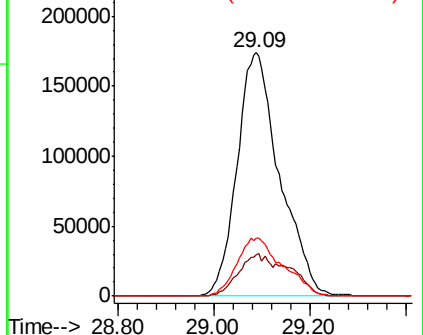
276 100

138 12.8 12.6 19.0

277 25.7 20.8 31.2



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: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

Instrument :

BNA_G

ClientSampleId :

PB117389BS

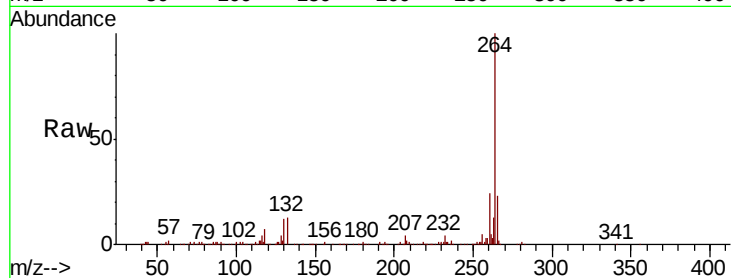
Tgt Ion:264 Resp: 360822

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

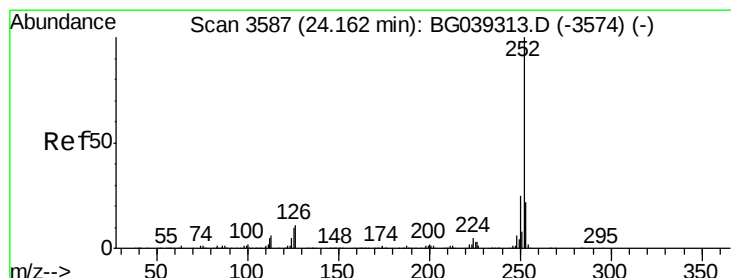
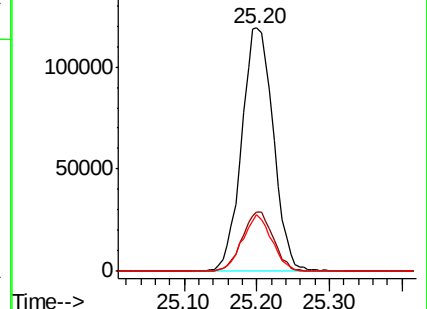
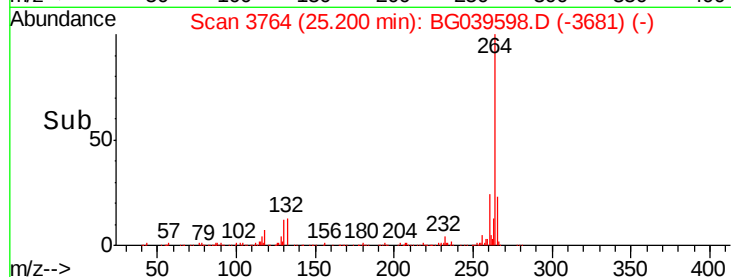
265 23.2 18.5 27.7



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: 47.324 ng

RT: 24.12 min Scan# 3580

Delta R.T. -0.04 min

Lab File: BG039598.D

Acq: 26 Feb 2019 13:24

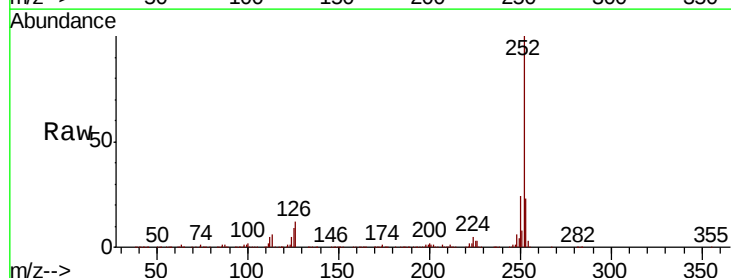
Tgt Ion:252 Resp: 931225

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

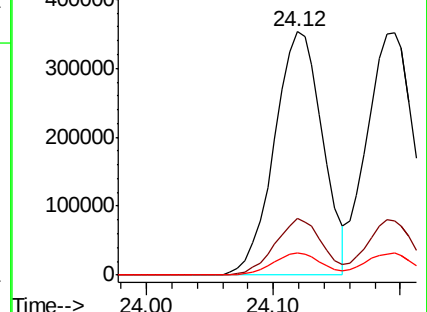
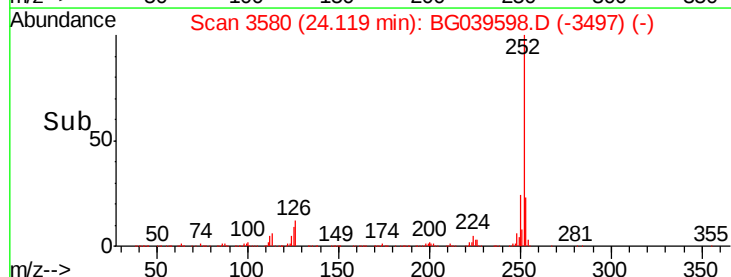
125 9.0 7.8 11.6



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

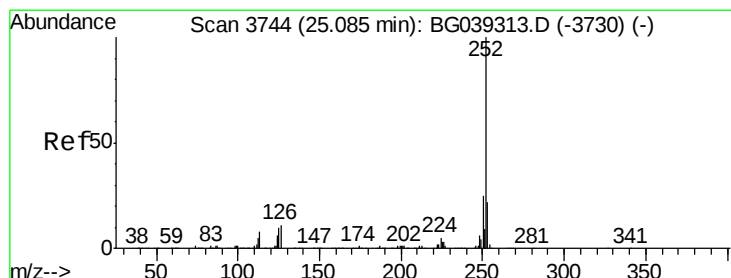
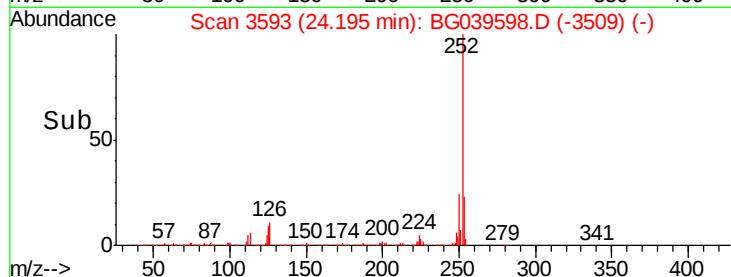
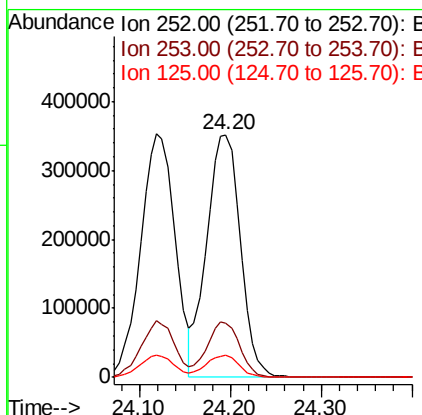
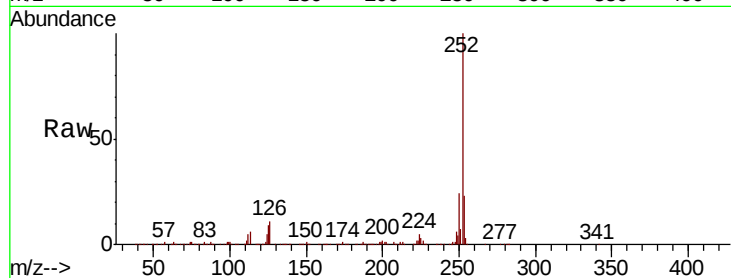




#89
Benzo(k)fluoranthene
Concen: 45.969 ng
RT: 24.20 min Scan# 3593
Delta R.T. -0.04 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

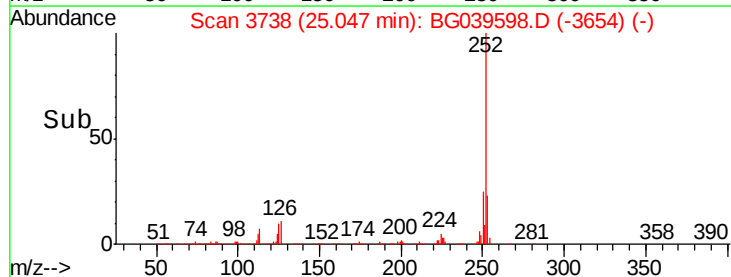
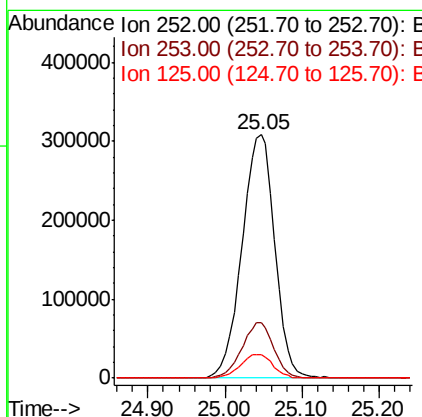
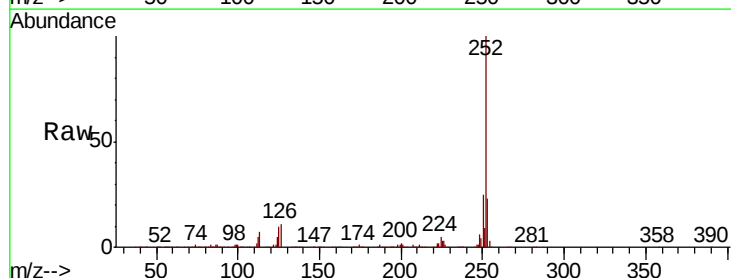
Instrument :
BNA_G
ClientSampleId :
PB117389BS

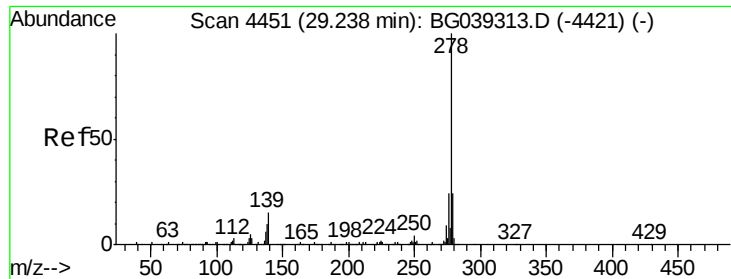
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	9.0	7.4	11.2



#90
Benzo(a)pyrene
Concen: 48.328 ng
RT: 25.05 min Scan# 3738
Delta R.T. -0.04 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	9.6	8.3	12.5

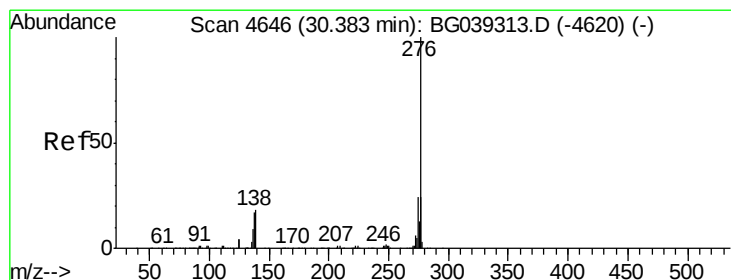
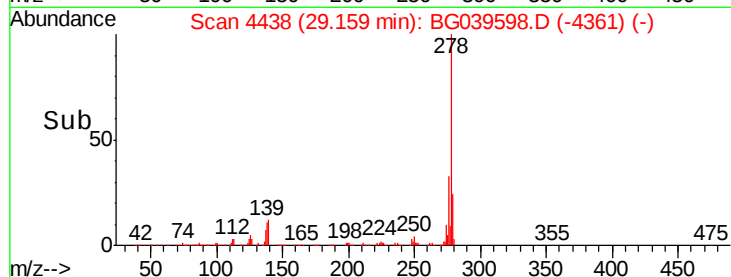
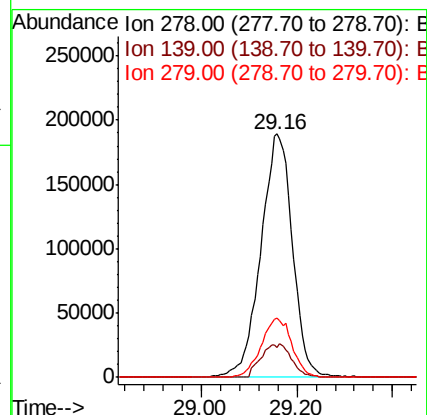
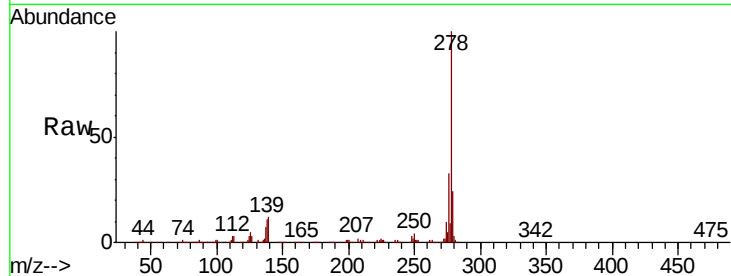




#91
Dibenzo(a,h)anthracene
Concen: 48.810 ng
RT: 29.16 min Scan# 4438
Delta R.T. -0.08 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

Instrument :
BNA_G
ClientSampleId :
PB117389BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.4	11.7	17.5
279	24.1	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 49.626 ng
RT: 30.32 min Scan# 4635
Delta R.T. -0.07 min
Lab File: BG039598.D
Acq: 26 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.6	29.4
138	17.6	14.7	22.1

