

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
 Data File : BG039547.D
 Acq On : 18 Feb 2019 20:03
 Operator : JU/SJ
 Sample : K1508-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-12-SMS

Quant Time: Feb 19 00:45:05 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	52924	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	242043	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	169100	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	398893	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	398176	20.00	ng	-0.02
87) Perylene-d12	25.21	264	411076	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	387087	125.18	ng	0.00
7) Phenol-d6	7.32	99	484199	106.38	ng	0.00
23) Nitrobenzene-d5	9.35	82	390714	100.84	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	265708	145.92	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	938721	79.64	ng	-0.02
79) Terphenyl-d14	20.13	244	1526665	81.16	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	44155	32.644	ng	# 1
3) Pyridine	4.01	79	122265	34.141	ng	97
4) n-Nitrosodimethylamine	3.92	42	67197	37.519	ng	92
6) Aniline	7.50	93	89914	15.771	ng	95
8) 2-Chlorophenol	7.73	128	157462	46.585	ng	98
9) Benzaldehyde	7.31	77	122944	64.436	ng	99
10) Phenol	7.34	94	168086	35.425	ng	96
11) bis(2-Chloroethyl)ether	7.58	93	160926	42.922	ng	97
12) 1,3-Dichlorobenzene	8.05	146	168898	41.248	ng	98
13) 1,4-Dichlorobenzene	8.21	146	171211	41.950	ng	98
14) 1,2-Dichlorobenzene	8.52	146	164372	41.603	ng	99
15) Benzyl Alcohol	8.41	79	157148	43.976	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	308523	36.439	ng	99
17) 2-Methylphenol	8.61	107	138683	45.166	ng	96
18) Hexachloroethane	9.25	117	59564	42.420	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	130832	40.498	ng	96
20) 3+4-Methylphenols	8.93	107	189025	44.705	ng	97
22) Acetophenone	9.00	105	258639	39.780	ng	# 93
24) Nitrobenzene	9.39	77	197946	47.291	ng	96
25) Isophorone	9.90	82	385136	44.858	ng	97
26) 2-Nitrophenol	10.10	139	95233	55.327	ng	99
27) 2,4-Dimethylphenol	10.14	122	171519	49.384	ng	97
28) bis(2-Chloroethoxy)methane	10.39	93	230270	43.543	ng	98
29) 2,4-Dichlorophenol	10.63	162	188278	49.600	ng	93
30) 1,2,4-Trichlorobenzene	10.84	180	180343	42.317	ng	99
31) Naphthalene	11.04	128	541455	45.093	ng	99
32) Benzoic acid	10.26	122	80327	37.703	ng	98
33) 4-Chloroaniline	11.15	127	19127	3.435	ng	# 96
34) Hexachlorobutadiene	11.30	225	113680	40.111	ng	93
35) Caprolactam	11.94	113	39955	25.436	ng	# 92
36) 4-Chloro-3-methylphenol	12.25	107	205877	46.897	ng	99
37) 2-Methylnaphthalene	12.64	142	410907	46.203	ng	97
38) 1-Methylnaphthalene	12.85	142	394233	45.986	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	222517	41.358	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	253192	86.361	nq	99
43) 2,4,6-Trichlorophenol	13.23	196	158067	47.782	nq	95
44) 2,4,5-Trichlorophenol	13.30	196	173710	50.102	nq	98
46) 1,1'-Biphenyl	13.63	154	554659	39.423	nq	98
47) 2-Chloronaphthalene	13.68	162	433943	40.999	nq	98
48) 2-Nitroaniline	13.89	65	152636	49.821	nq	94
49) Acenaphthylene	14.52	152	711193	44.531	nq	99
50) Dimethylphthalate	14.24	163	589019	43.129	nq	99
51) 2,6-Dinitrotoluene	14.37	165	132875	51.503	nq	95
52) Acenaphthene	14.86	154	433695	41.835	nq	100
53) 3-Nitroaniline	14.71	138	32233	16.084	nq	# 92
54) 2,4-Dinitrophenol	14.90	184	77239	71.972	nq	97
55) Dibenzofuran	15.19	168	706486	42.504	nq	99
56) 4-Nitrophenol	15.00	139	154088	63.675	nq	92
57) 2,4-Dinitrotoluene	15.16	165	187823	55.906	nq	87
58) Fluorene	15.84	166	566788	45.743	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	167850	51.705	nq	97
60) Diethylphthalate	15.59	149	596976	42.277	nq	98
61) 4-Chlorophenyl-phenylether	15.83	204	302414	43.103	nq	93
62) 4-Nitroaniline	15.87	138	136064	47.553	nq	91
63) Azobenzene	16.12	77	541319	39.222	nq	96
65) 4,6-Dinitro-2-methylphenol	15.91	198	80196	50.128	nq	98
66) n-Nitrosodiphenylamine	16.04	169	516288	42.567	nq	100
67) 4-Bromophenyl-phenylether	16.72	248	197685	44.672	nq	95
68) Hexachlorobenzene	16.83	284	200639	45.190	nq	98
69) Atrazine	16.98	200	191998	43.317	nq	95
70) Pentachlorophenol	17.18	266	222336	72.051	nq	98
71) Phenanthrene	17.58	178	930995	45.094	nq	98
72) Anthracene	17.67	178	947825	46.608	nq	98
73) Carbazole	17.95	167	817730	40.292	nq	99
74) Di-n-butylphthalate	18.47	149	995926	42.064	nq	99
75) Fluoranthene	19.58	202	1102798	46.021	nq	99
77) Benzidine	19.76	184	113888	8.724	nq	100
78) Pyrene	19.94	202	1103109	44.503	nq	98
80) Butylbenzylphthalate	20.81	149	467069	44.669	nq	92
81) Benzo(a)anthracene	21.81	228	1081618	45.972	nq	100
82) 3,3'-Dichlorobenzidine	21.72	252	126932	14.550	nq	99
83) Chrysene	21.88	228	1008863	45.044	nq	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	650826	43.629	nq	99
85) Di-n-octyl phthalate	22.94	149	1106421	44.894	nq	96
86) Indeno(1,2,3-cd)pyrene	29.10	276	1114533	46.380	nq	# 94
88) Benzo(b)fluoranthene	24.13	252	1046338	46.673	nq	98
89) Benzo(k)fluoranthene	24.20	252	1032163	45.859	nq	100
90) Benzo(a)pyrene	25.05	252	1025680	47.506	nq	99
91) Dibenzo(a,h)anthracene	29.17	278	864197	42.741	nq	98
92) Benzo(g,h,i)perylene	30.32	276	910674	45.187	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.01 min

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M-12-SMS

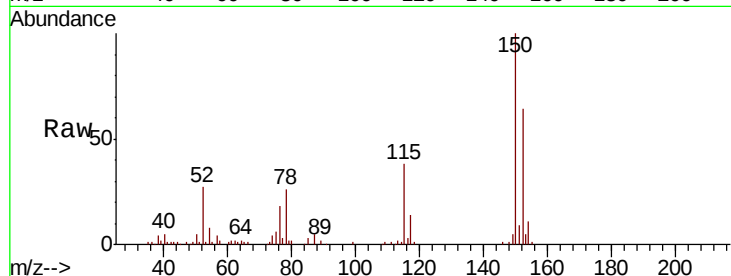
Tot Ion:152 Resp: 52924

Ion Ratio Lower Upper

152 100

150 156.6 123.7 185.5

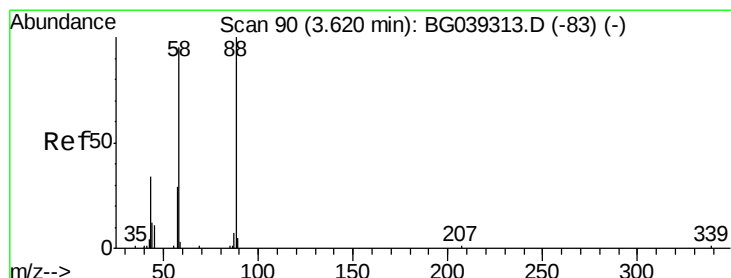
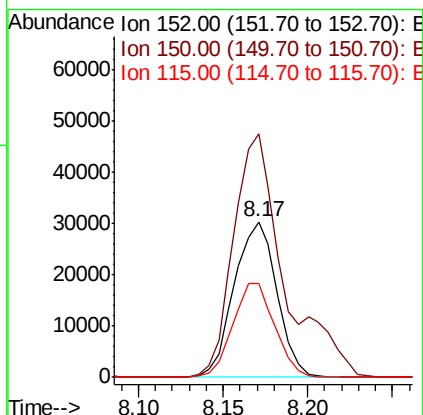
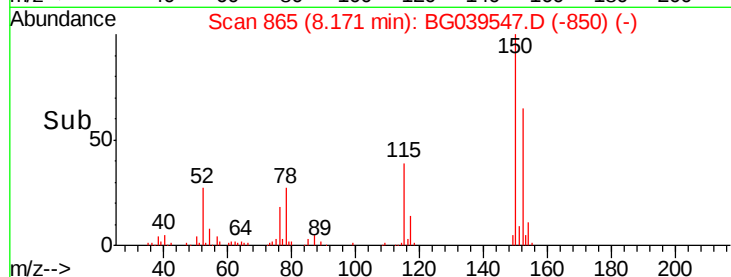
115 60.2 45.9 68.9



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



#2

1,4-Dioxane

Concen: 32.644 ng

RT: 3.61 min Scan# 89

Delta R.T. -0.01 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

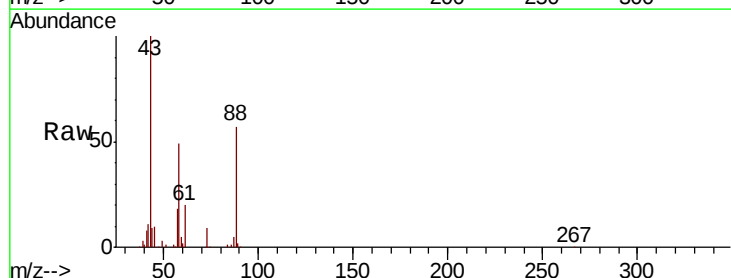
Tgt Ion: 88 Resp: 44155

Ion Ratio Lower Upper

88 100

58 91.5 81.1 121.7

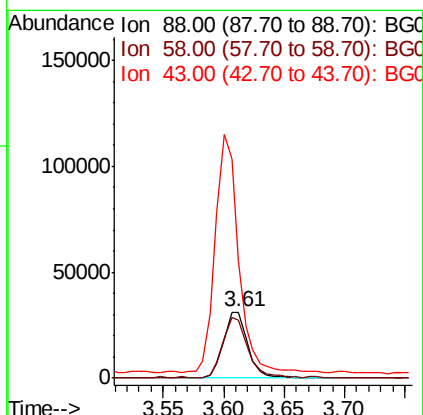
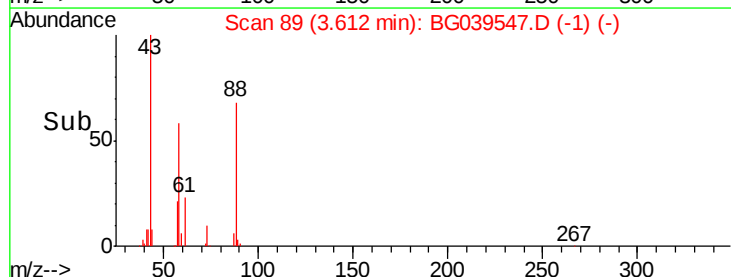
43 341.7 31.4 47.0#



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

Pvridine

Concen: 34.141 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Instrument :

BNA_G

ClientSampleId :

M-12-SMS

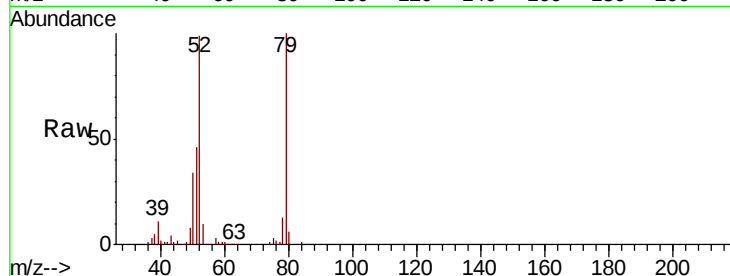
Tot Ion: 79 Resp: 122265

Ion Ratio Lower Upper

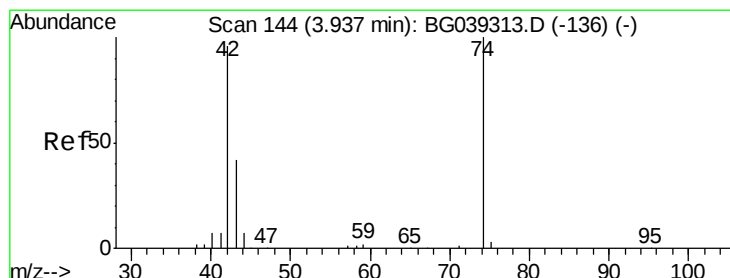
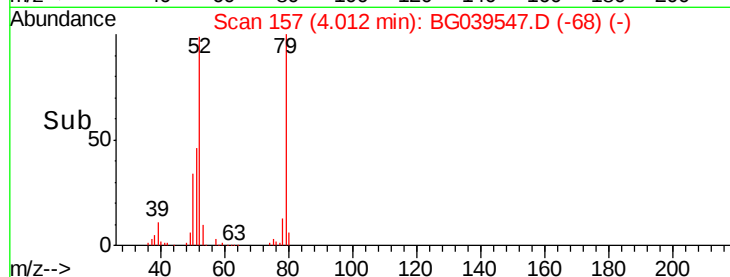
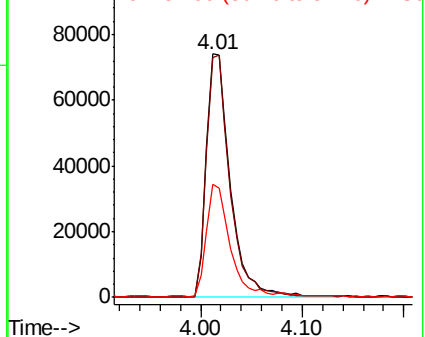
79 100

52 98.6 82.6 124.0

51 46.3 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.519 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

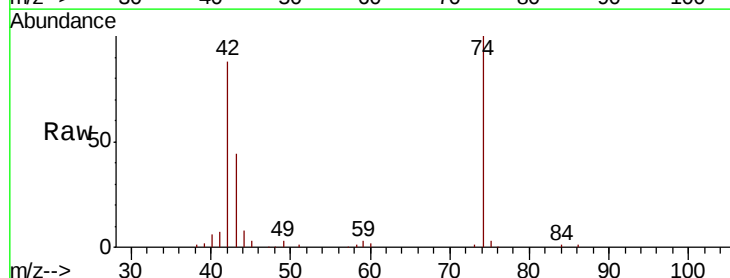
Tgt Ion: 42 Resp: 67197

Ion Ratio Lower Upper

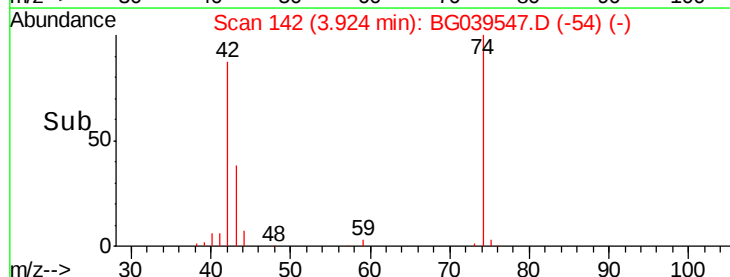
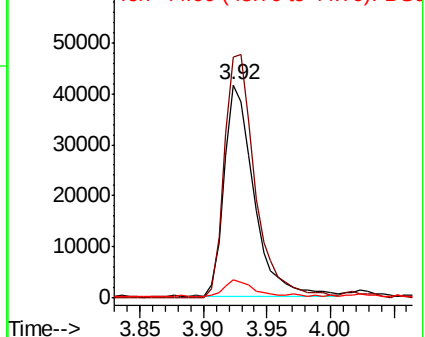
42 100

74 113.2 83.6 125.4

44 8.6 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 125.180 ng

RT: 5.72 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Instrument :

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ClientSampleId :

M-12-SMS

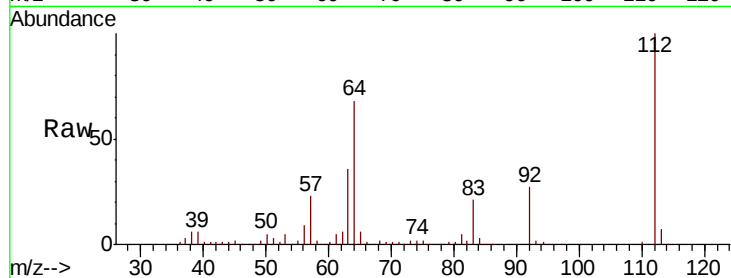
Tot Ion: 112 Resp: 387087

Ion Ratio Lower Upper

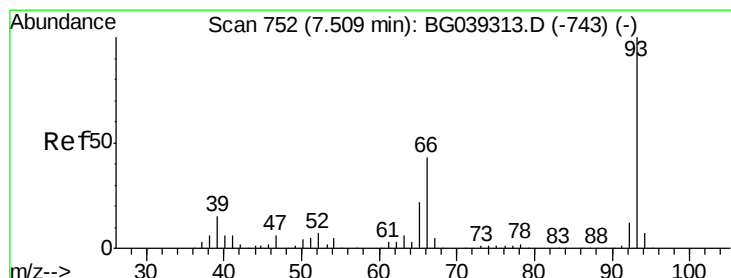
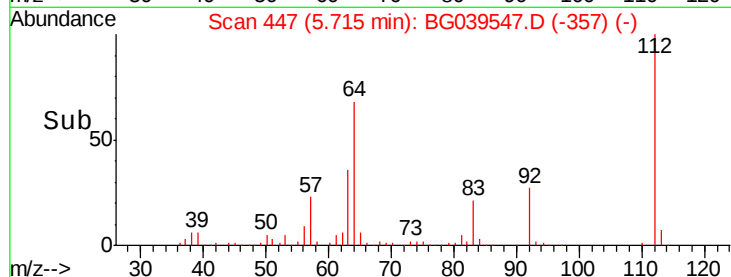
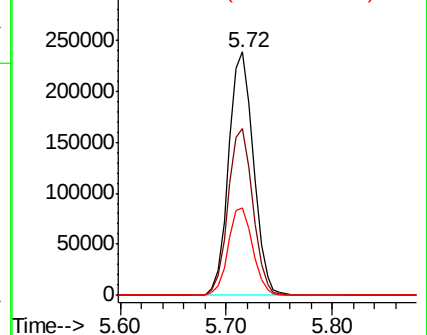
112 100

64 68.4 57.8 86.8

63 36.1 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: 15.771 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

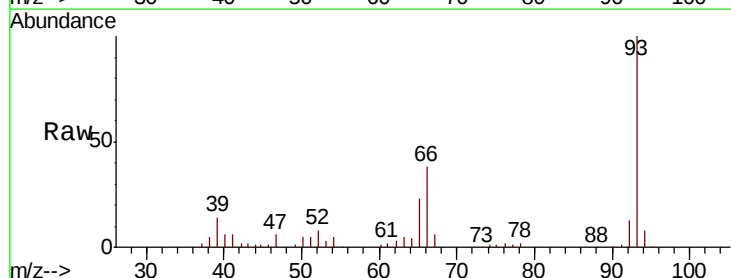
Tgt Ion: 93 Resp: 89914

Ion Ratio Lower Upper

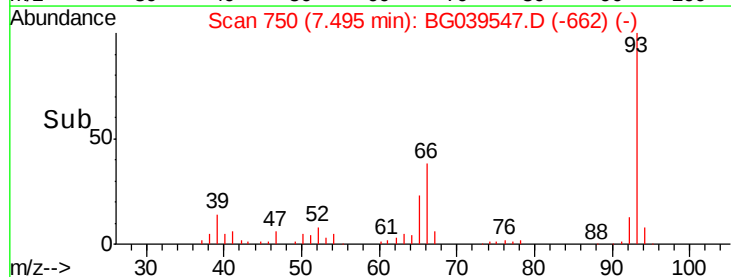
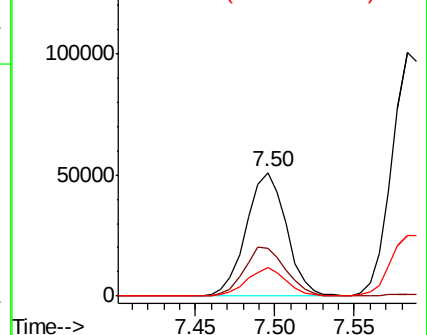
93 100

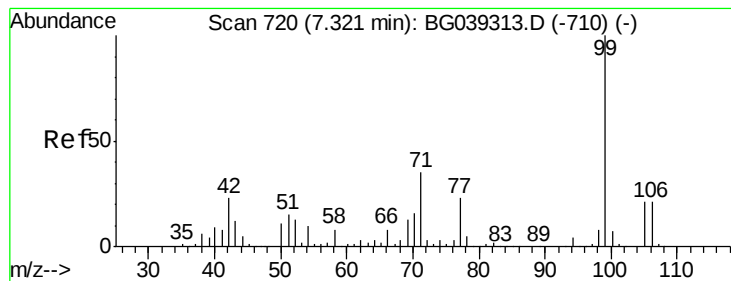
66 38.2 34.2 51.4

65 22.9 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: 106.378 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

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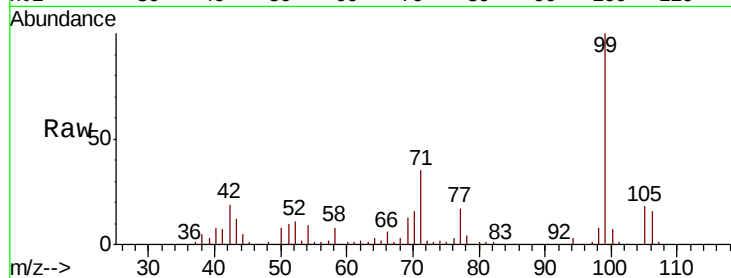
Tot Ion: 99 Resp: 484199

Ion Ratio Lower Upper

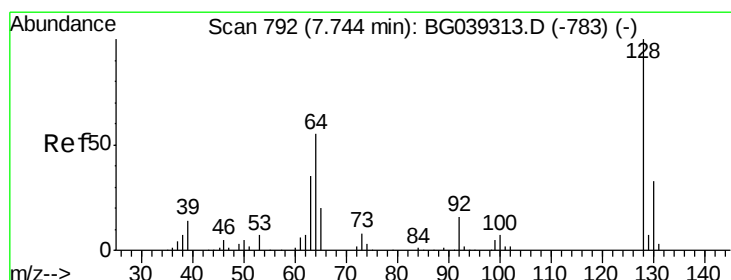
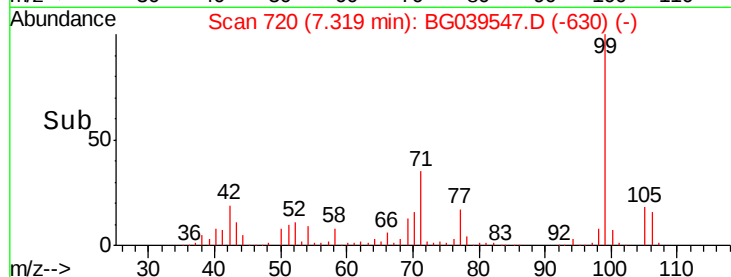
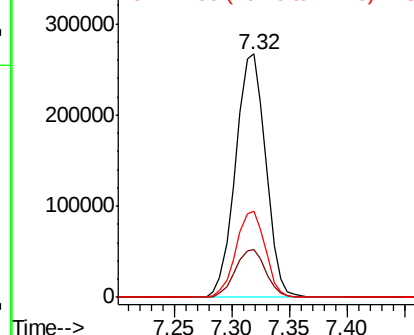
99 100

42 19.4 18.2 27.2

71 35.2 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: 46.585 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

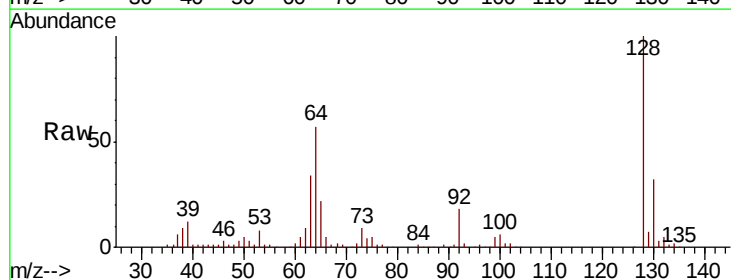
Tgt Ion: 128 Resp: 157462

Ion Ratio Lower Upper

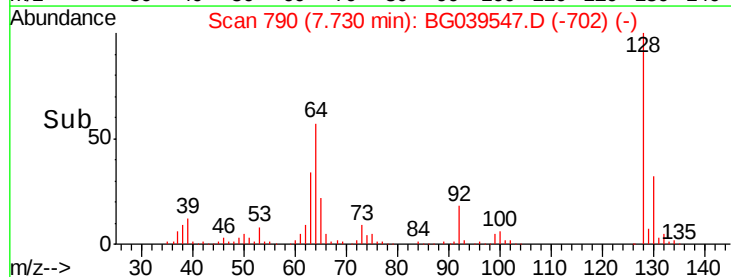
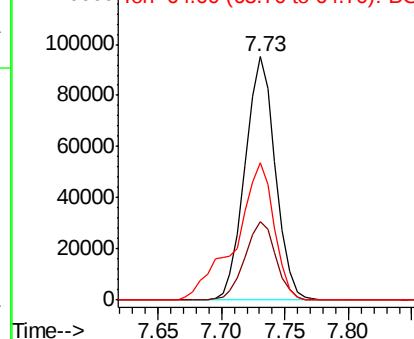
128 100

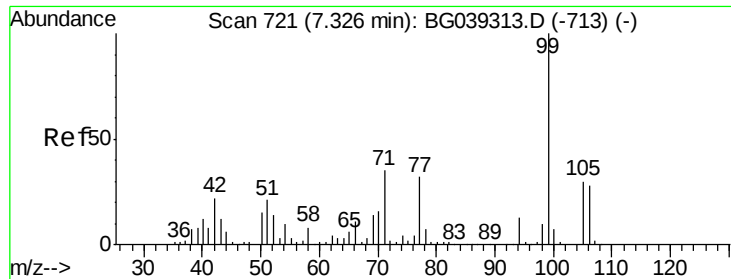
130 32.4 12.9 52.9

64 56.5 38.7 78.7



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





#9

Benzaldehyde

Concen: 64.436 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

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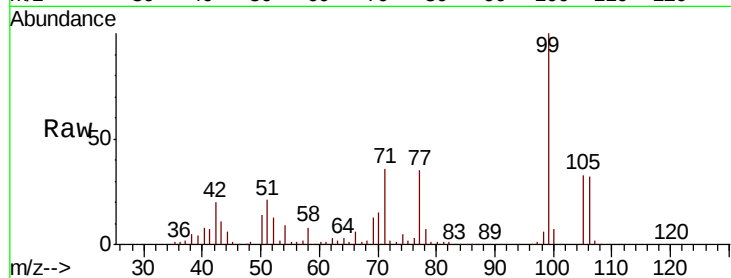
Tot Ion: 77 Resp: 122944

Ion Ratio Lower Upper

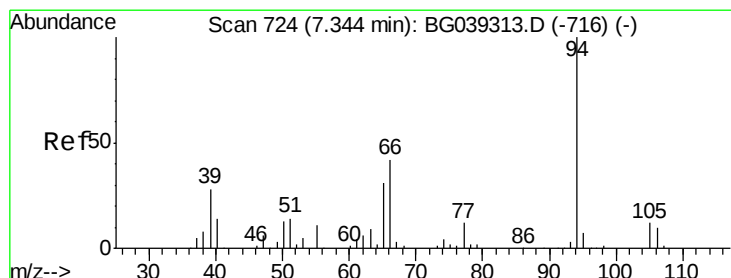
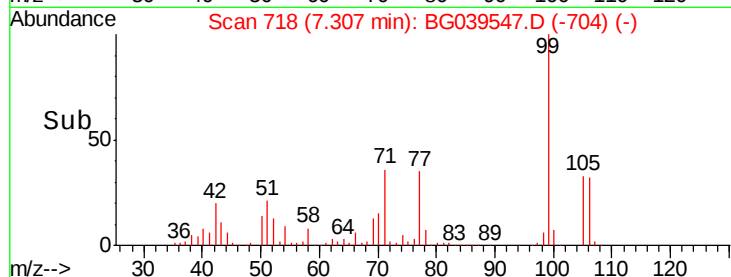
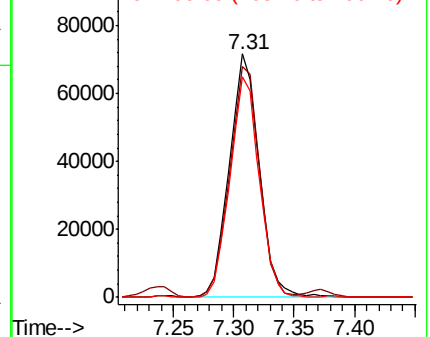
77 100

105 94.7 74.5 114.5

106 90.3 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: 35.425 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

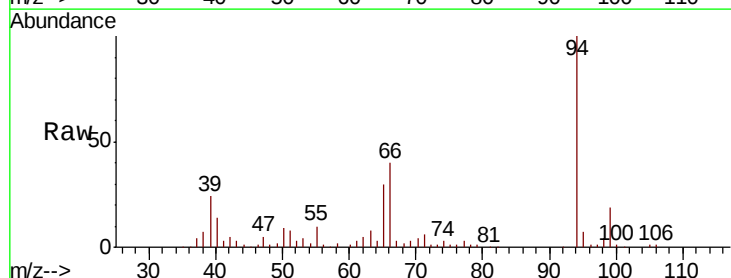
Tgt Ion: 94 Resp: 168086

Ion Ratio Lower Upper

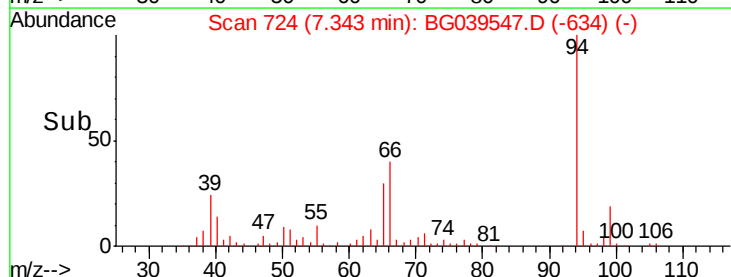
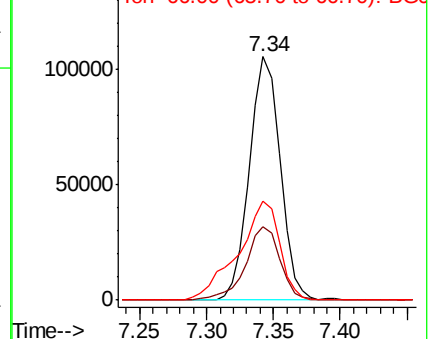
94 100

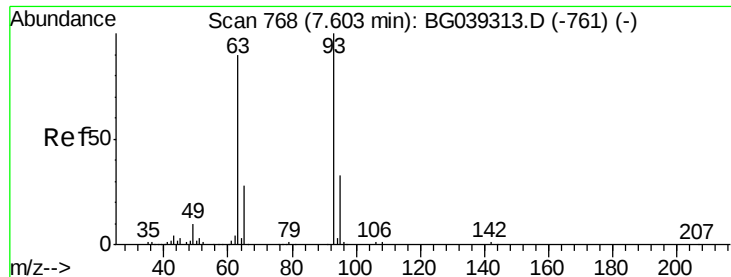
65 30.3 11.7 51.7

66 40.4 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

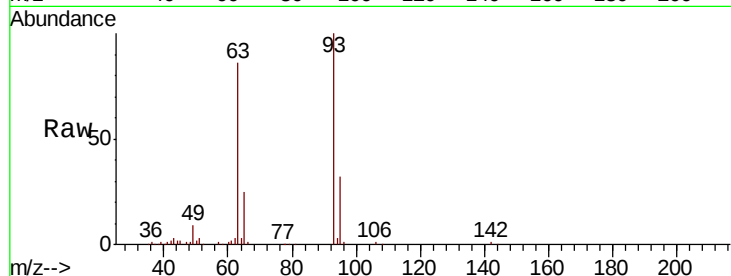




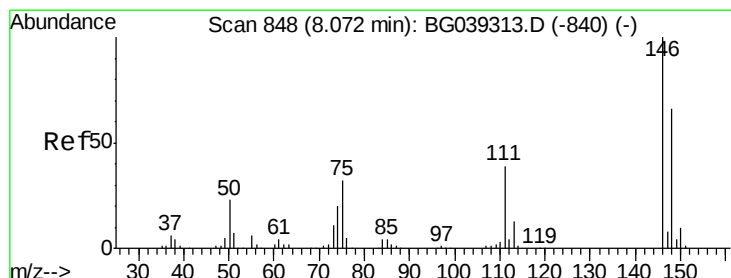
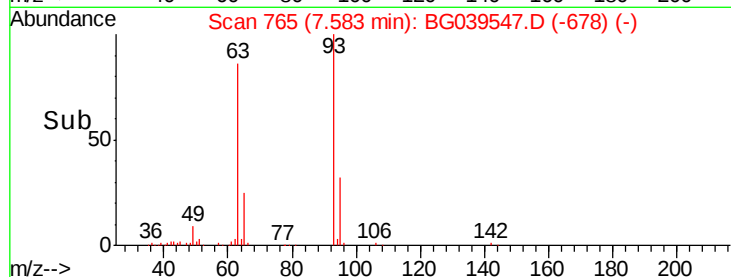
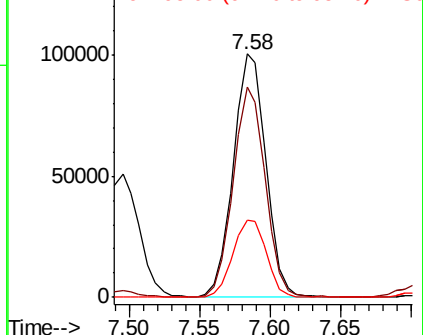
#11
bis(2-Chloroethyl)ether
Concen: 42.922 ng
RT: 7.58 min Scan# 765
Delta R.T. -0.02 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Instrument :
BNA_G
ClientSampleId :
M-12-SMS

Tot Ion: 93 Resp: 160926
Ion Ratio Lower Upper
93 100
63 86.5 69.5 109.5
95 32.0 12.7 52.7

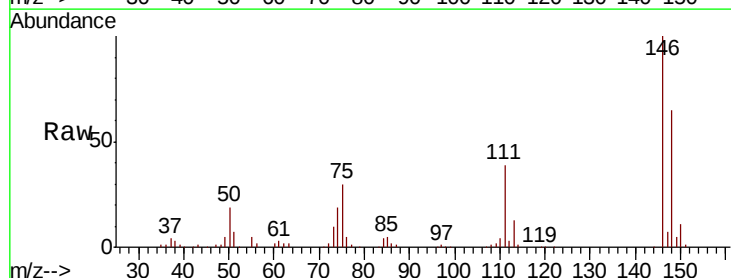


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

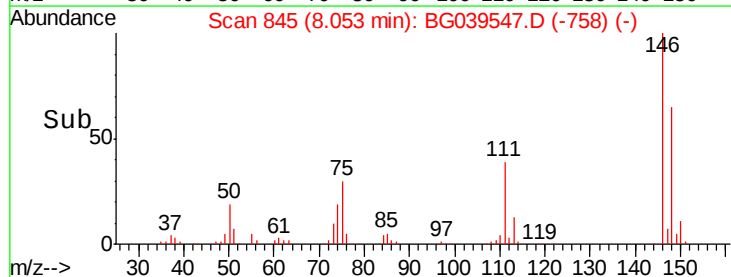
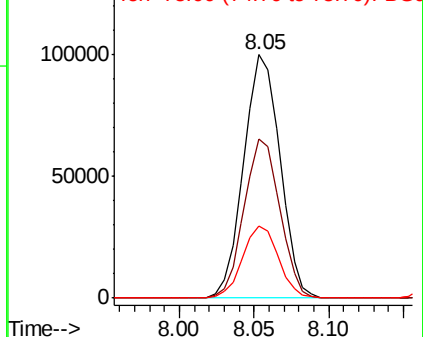


#12
1,3-Dichlorobenzene
Concen: 41.248 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Tgt Ion: 146 Resp: 168898
Ion Ratio Lower Upper
146 100
148 65.2 52.6 79.0
75 29.8 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

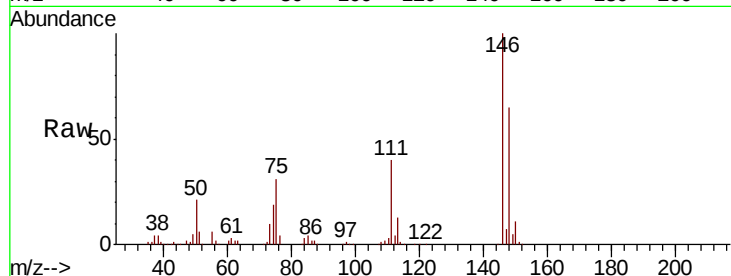




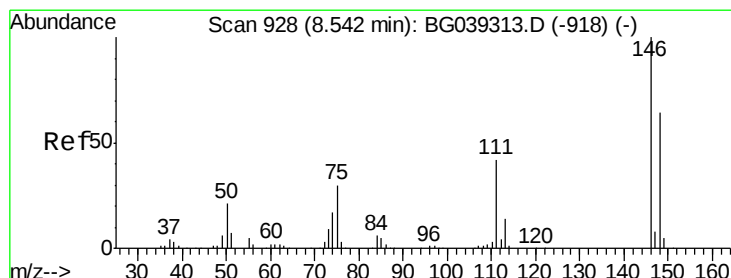
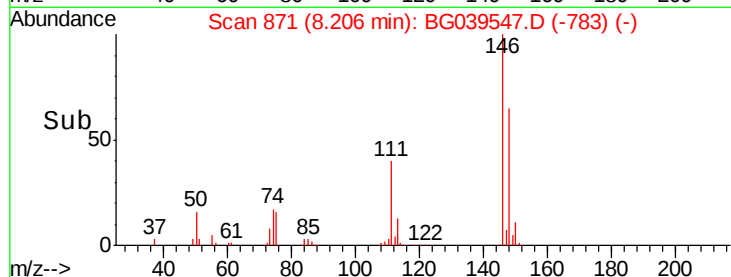
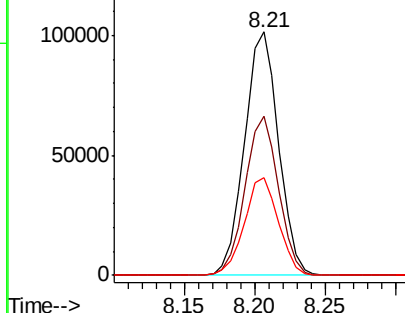
#13
 1,4-Dichlorobenzene
 Concen: 41.950 ng
 RT: 8.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG039547.D
 Acq: 18 Feb 2019 20:03

Instrument :
 BNA_G
 ClientSampleId :
 M-12-SMS

Tot Ion:146 Resp: 171211
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.1 76.7
 111 40.2 32.6 48.8

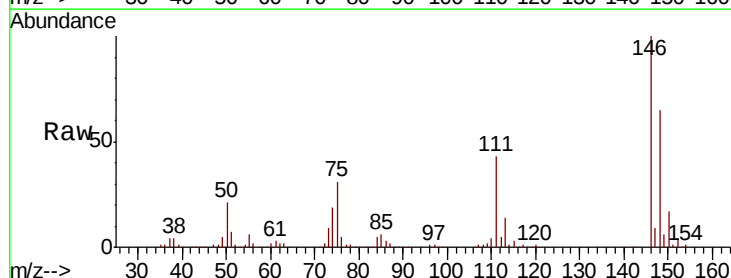


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

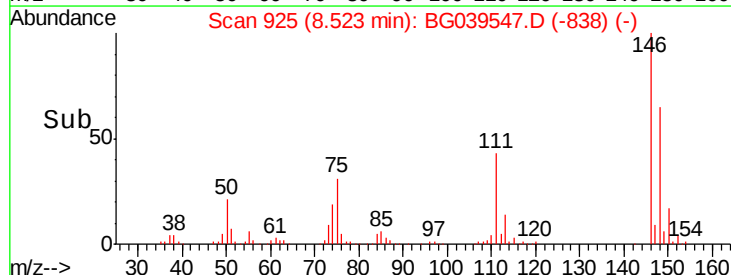
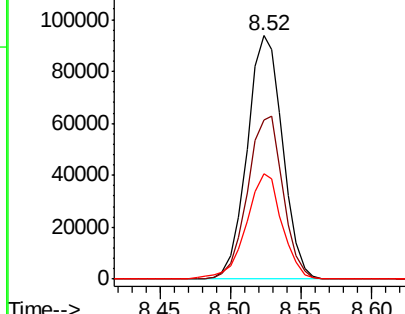


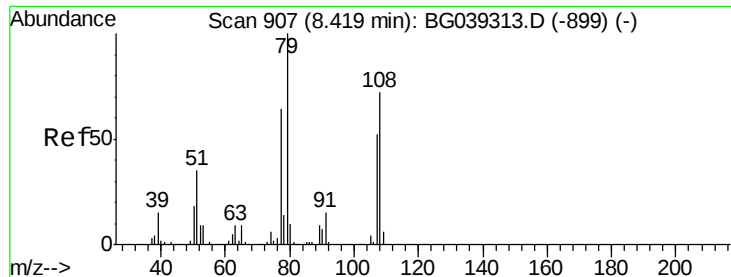
#14
 1,2-Dichlorobenzene
 Concen: 41.603 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG039547.D
 Acq: 18 Feb 2019 20:03

Tgt Ion:146 Resp: 164372
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.5 77.3
 111 43.1 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: 43.976 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Instrument :

BNA_G

ClientSampleId :

M-12-SMS

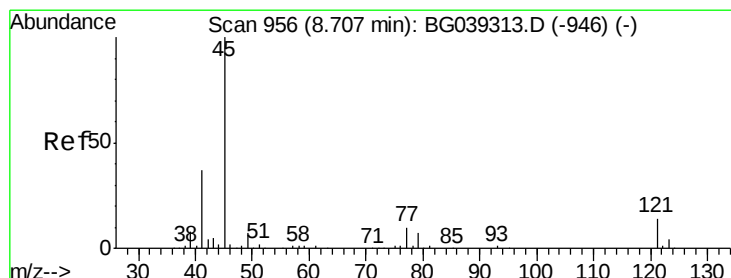
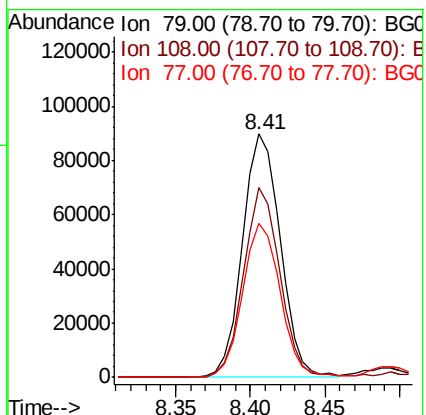
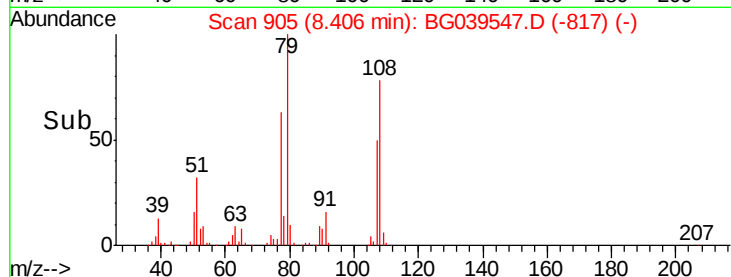
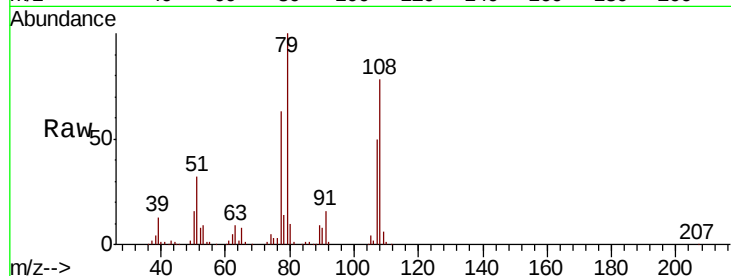
Tot Ion: 79 Resp: 157148

Ion Ratio Lower Upper

79 100

108 77.8 57.8 86.6

77 63.0 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.439 ng

RT: 8.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

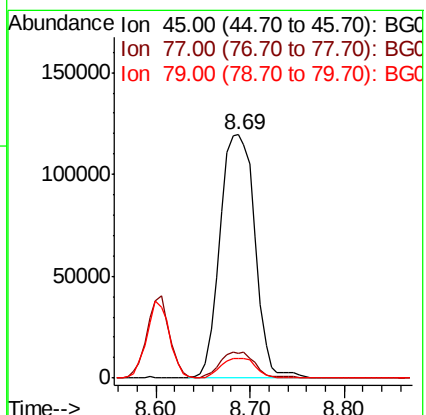
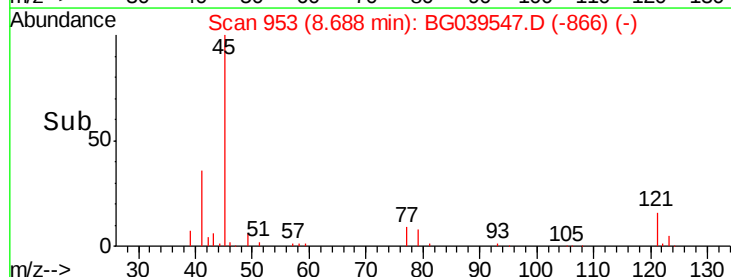
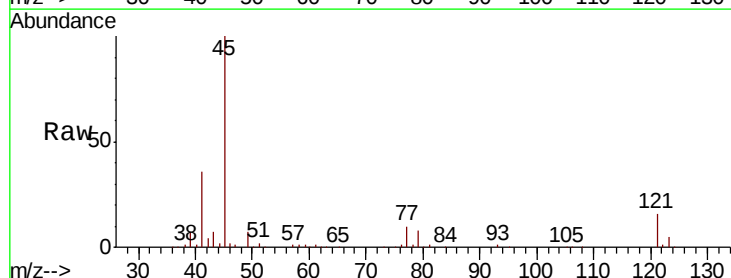
Tgt Ion: 45 Resp: 308523

Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.0

79 7.9 0.0 27.5

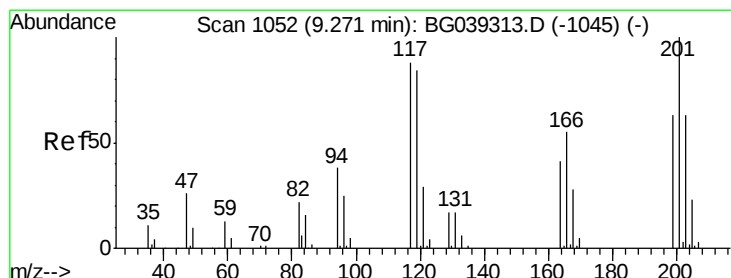
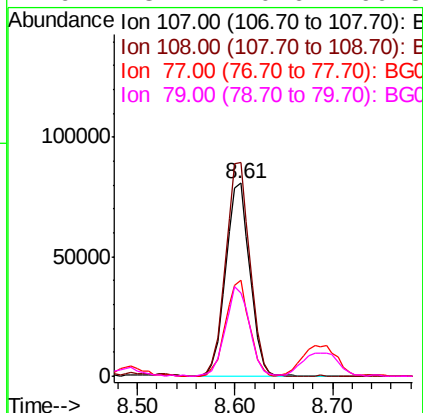
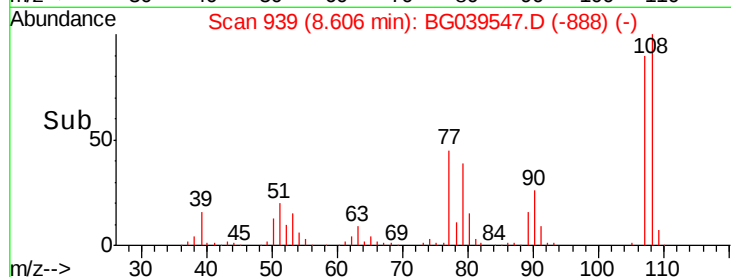
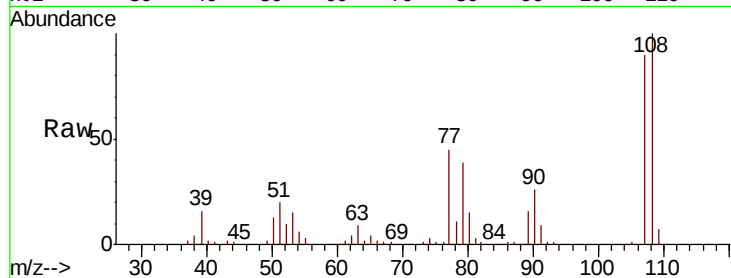




#17
2-Methylphenol
Concen: 45.166 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

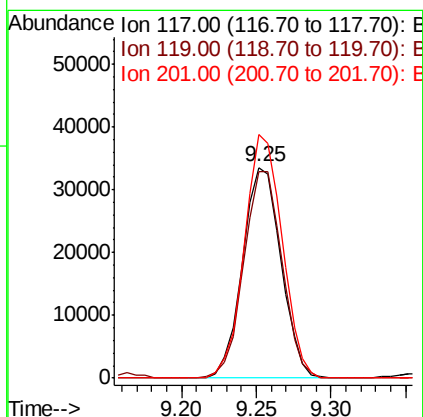
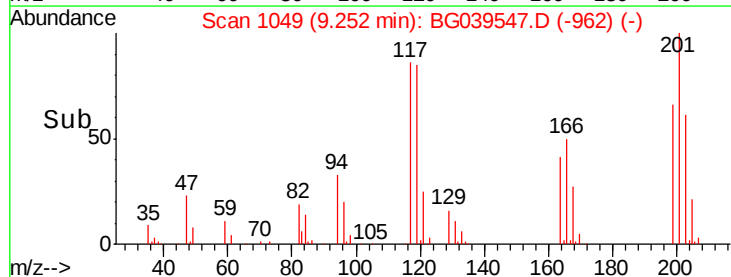
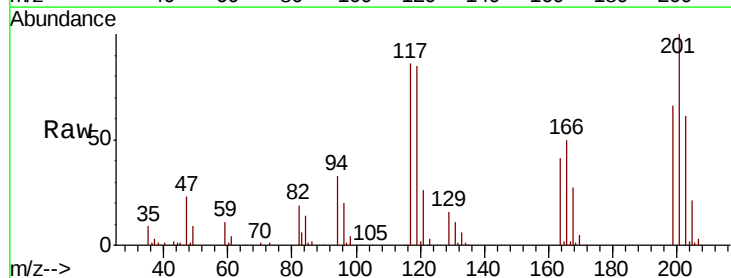
Instrument :
BNA_G
ClientSampleId :
M-12-SMS

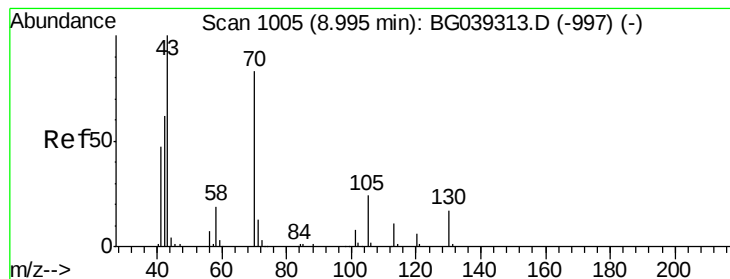
Tot Ion:107 Resp: 138683
Ion Ratio Lower Upper
107 100
108 110.7 90.8 136.2
77 50.0 40.7 61.1
79 43.4 40.6 60.8



#18
Hexachloroethane
Concen: 42.420 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Tgt Ion:117 Resp: 59564
Ion Ratio Lower Upper
117 100
119 98.4 76.3 114.5
201 115.7 91.1 136.7





#19

n-Nitroso-di-n-propylamine

Concen: 40.498 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.03 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Instrument :

BNA_G

ClientSampleId :

M-12-SMS

Tot Ion: 70 Resp: 130832

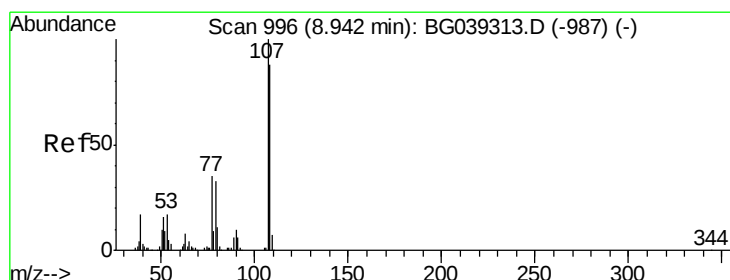
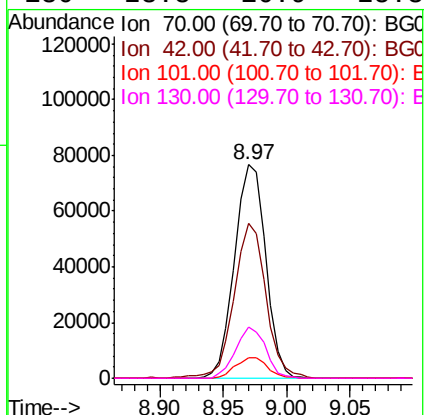
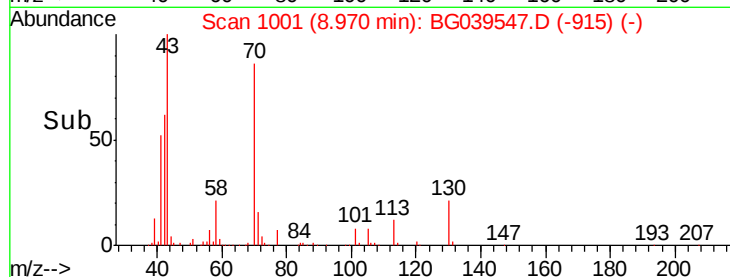
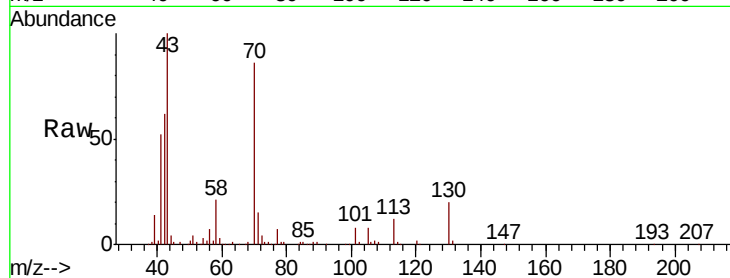
Ion Ratio Lower Upper

70 100

42 72.7 60.4 90.6

101 9.5 7.5 11.3

130 23.8 16.9 25.3



#20

3+4-Methylphenols

Concen: 44.705 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Tgt Ion: 107 Resp: 189025

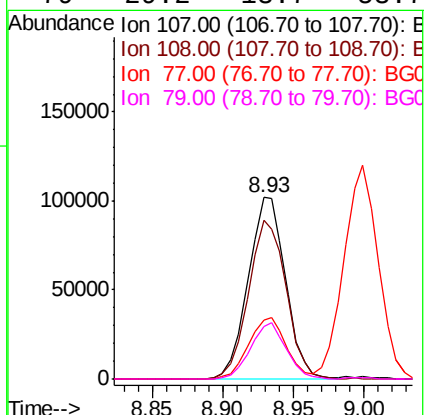
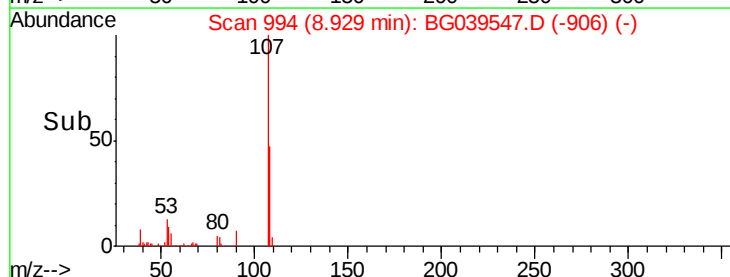
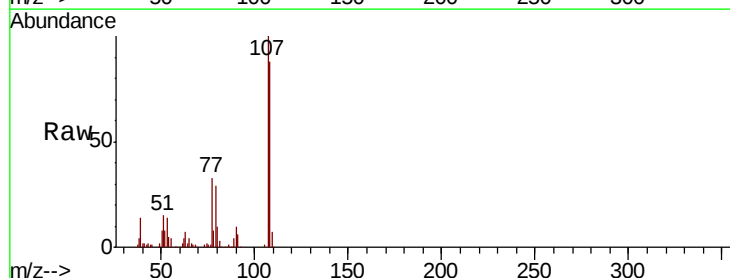
Ion Ratio Lower Upper

107 100

108 87.6 67.9 107.9

77 32.7 15.4 55.4

79 29.2 13.7 53.7

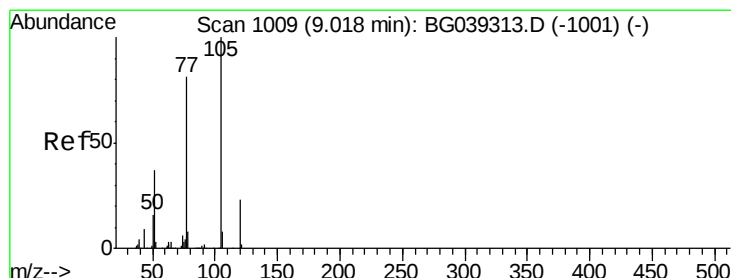
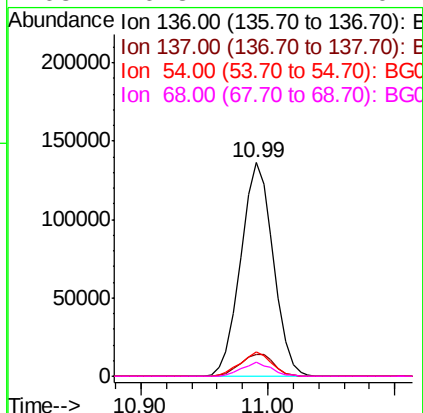
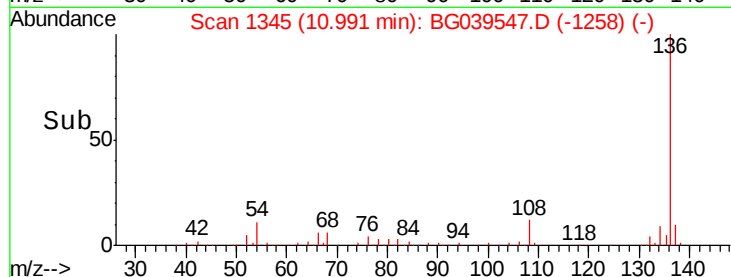
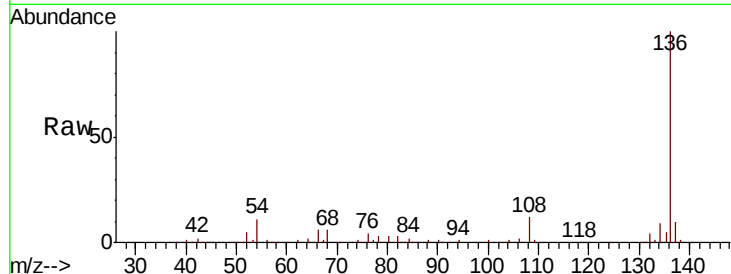




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

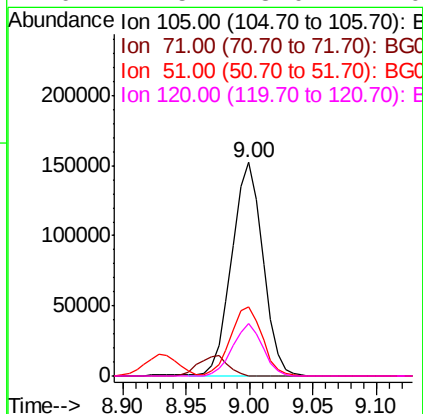
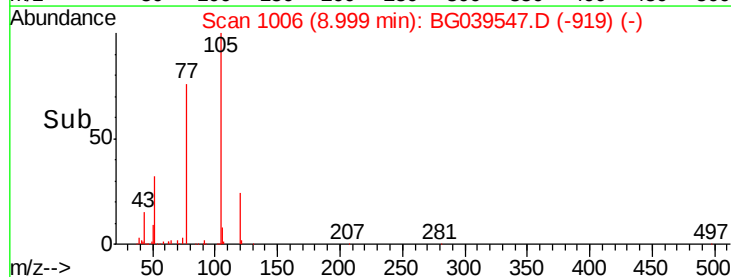
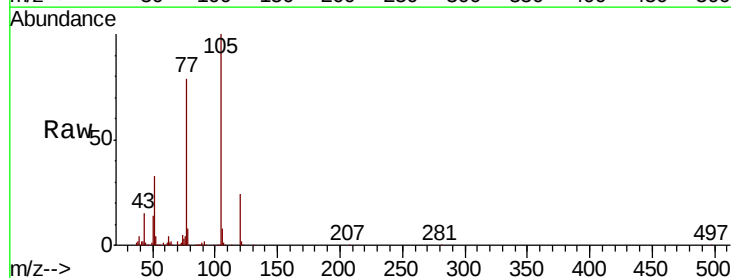
Instrument :
BNA_G
ClientSampleId :
M-12-SMS

Tot Ion:136	Resp:	242043
Ion	Ratio	Lower Upper
136	100	
137	10.3	9.1 13.7
54	11.2	9.4 14.2
68	6.3	4.2 6.4



#22
Acetophenone
Concen: 39.780 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Tgt Ion:105	Resp:	258639
Ion	Ratio	Lower Upper
105	100	
71	0.2	0.8 1.2#
51	32.6	30.2 45.2
120	24.5	18.0 27.0

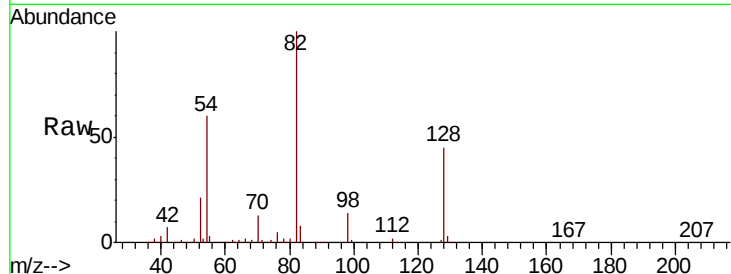




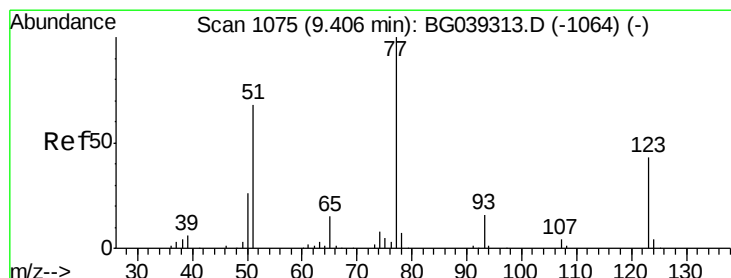
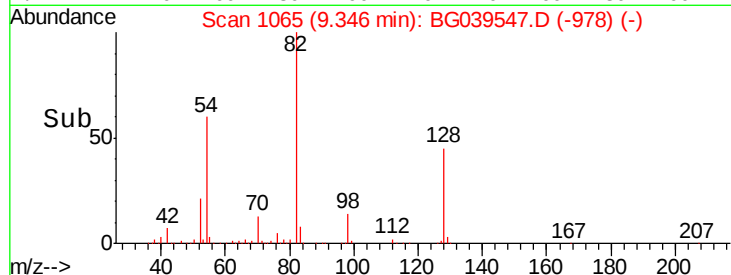
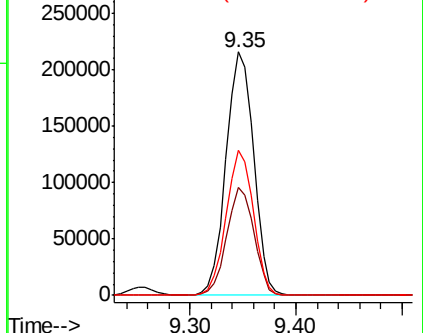
#23
Nitrobenzene-d5
Concen: 100.844 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Instrument :
BNA_G
ClientSampleId :
M-12-SMS

Tot Ion: 82 Resp: 390714
Ion Ratio Lower Upper
82 100
128 44.6 31.3 46.9
54 59.5 50.9 76.3

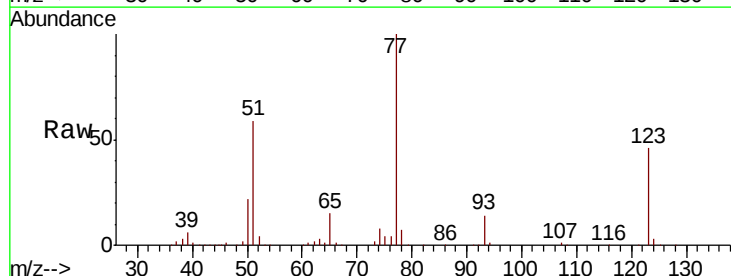


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

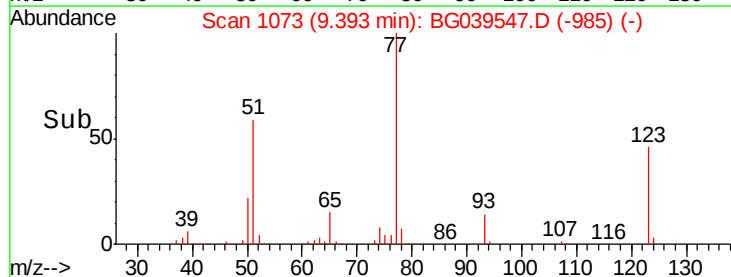
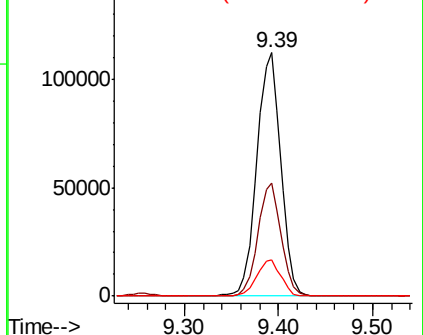


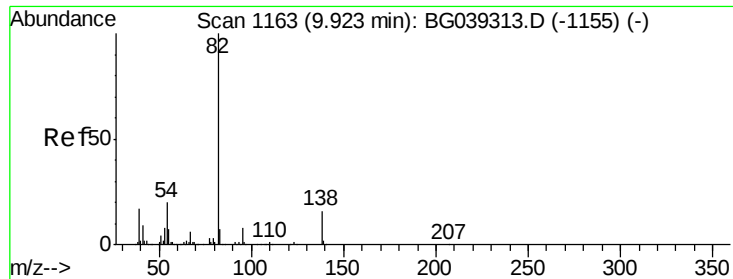
#24
Nitrobenzene
Concen: 47.291 ng
RT: 9.39 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Tgt Ion: 77 Resp: 197946
Ion Ratio Lower Upper
77 100
123 46.3 34.1 51.1
65 15.1 12.3 18.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 44.858 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Instrument :

BNA_G

ClientSampleId :

M-12-SMS

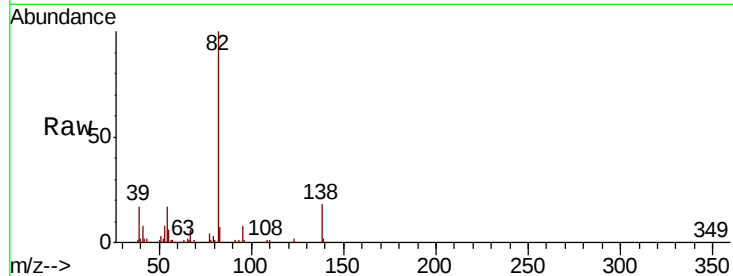
Tot Ion: 82 Resp: 385136

Ion Ratio Lower Upper

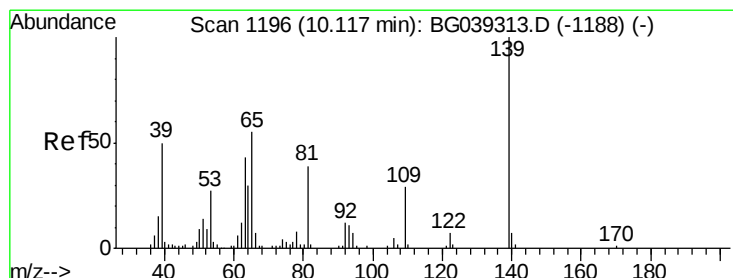
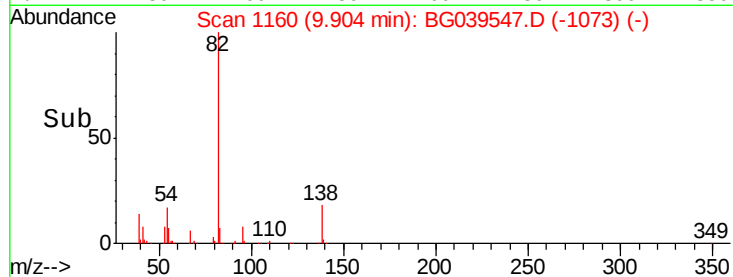
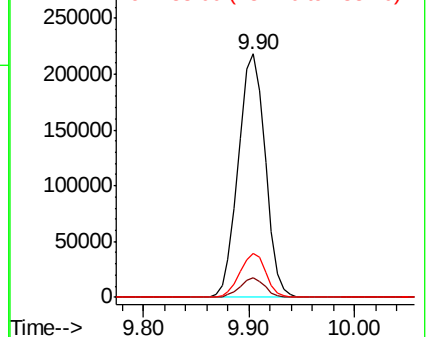
82 100

95 7.9 6.2 9.2

138 18.0 13.0 19.4



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



#26

2-Nitrophenol

Concen: 55.327 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

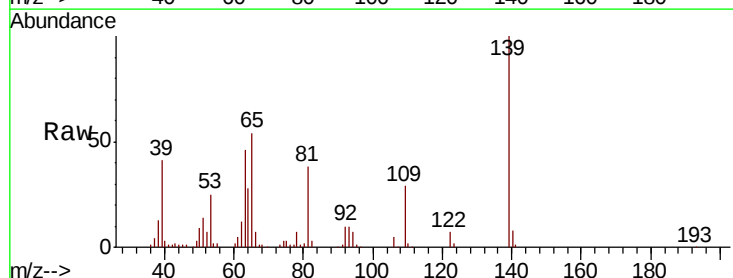
Tgt Ion: 139 Resp: 95233

Ion Ratio Lower Upper

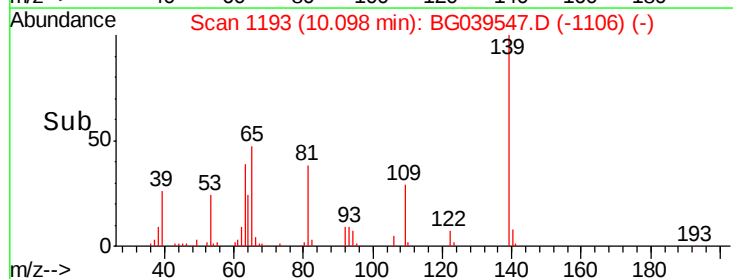
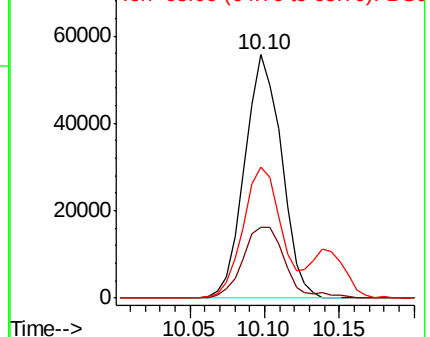
139 100

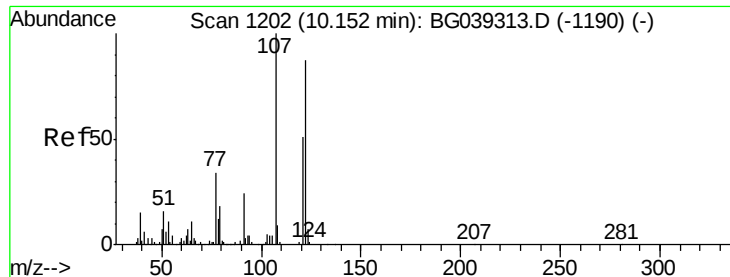
109 29.0 23.4 35.0

65 53.9 44.3 66.5



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

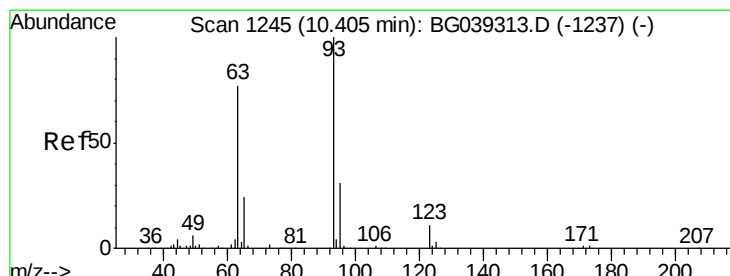
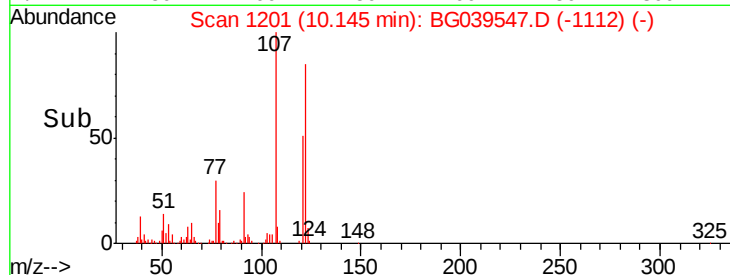
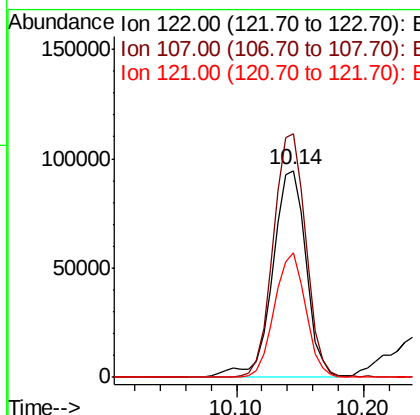
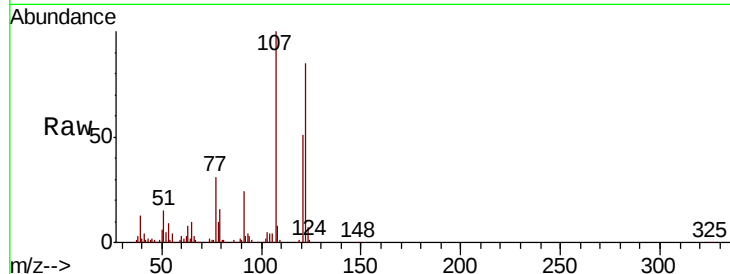




#27
 2,4-Dimethylphenol
 Concen: 49.384 ng
 RT: 10.14 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BG039547.D
 Acq: 18 Feb 2019 20:03

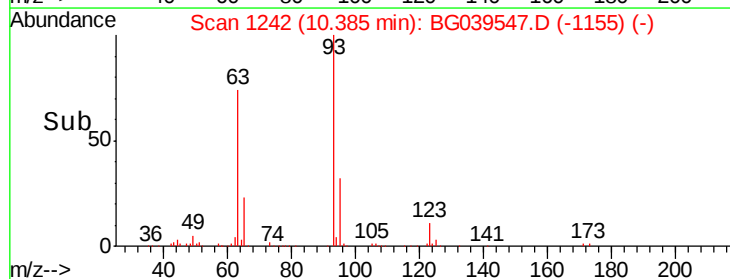
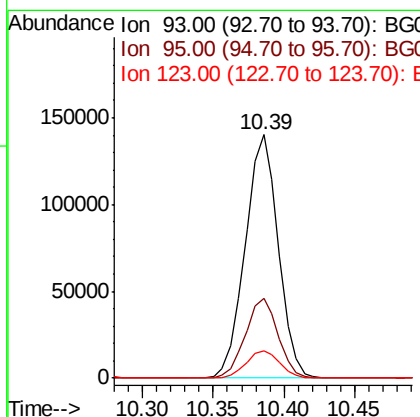
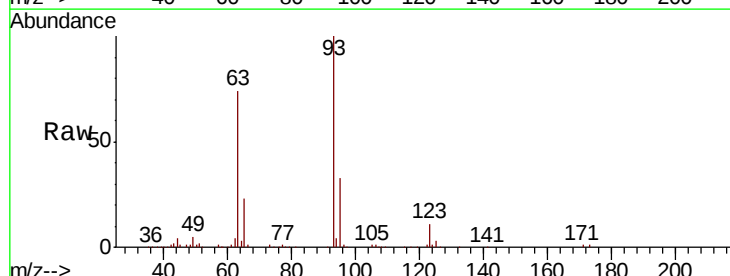
Instrument :
 BNA_G
 ClientSampleId :
 M-12-SMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.9	91.7	137.5
121	60.2	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.543 ng
 RT: 10.39 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG039547.D
 Acq: 18 Feb 2019 20:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.0	37.4
123	11.3	8.6	12.8

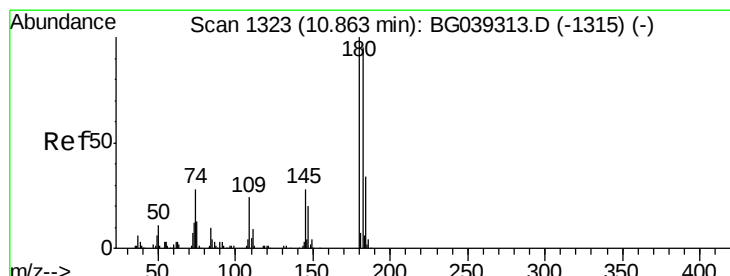
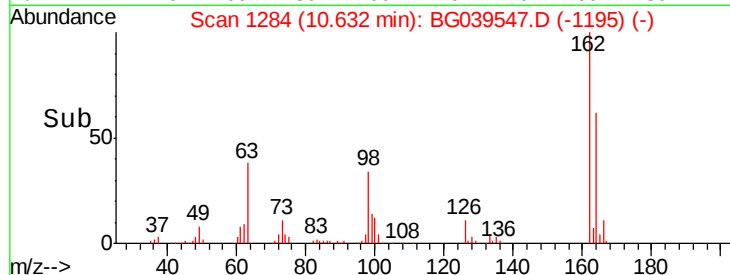
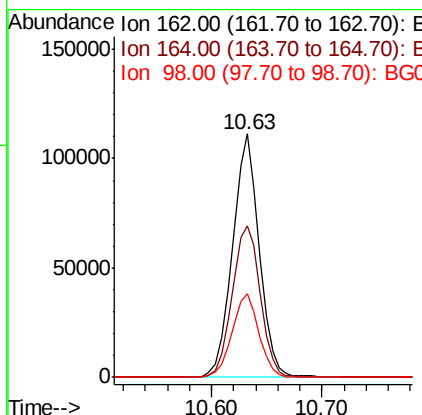
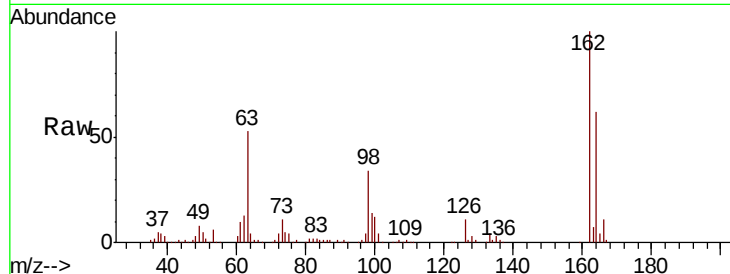




#29
 2,4-Dichlorophenol
 Concen: 49.600 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG039547.D
 Acq: 18 Feb 2019 20:03

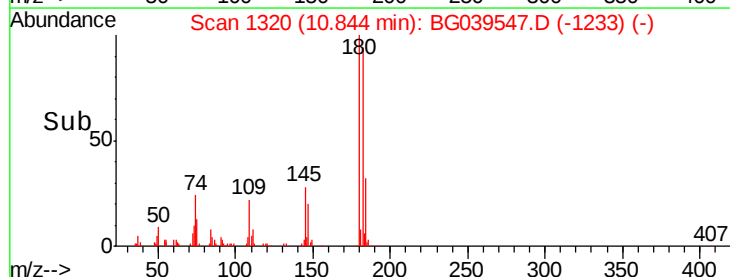
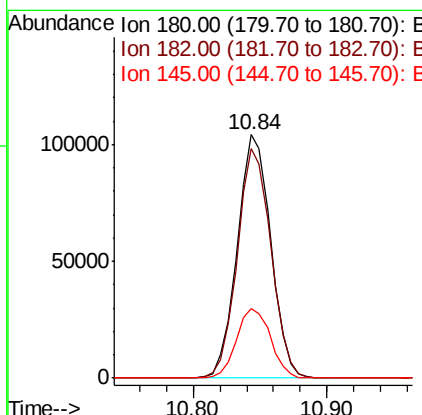
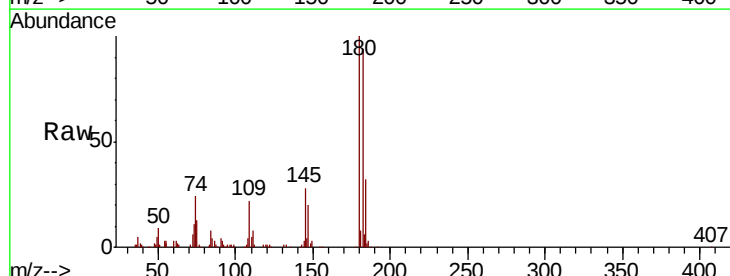
Instrument :
 BNA_G
 ClientSampleId :
 M-12-SMS

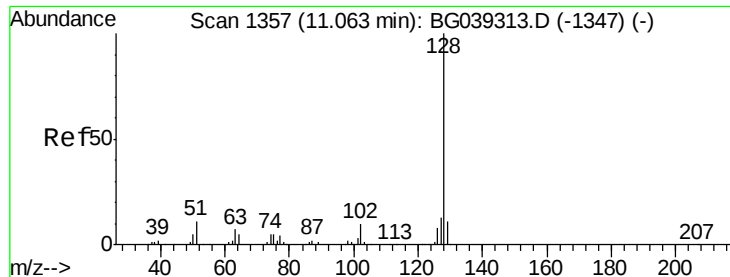
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	48.1	88.1
98	34.2	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.317 ng
 RT: 10.84 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BG039547.D
 Acq: 18 Feb 2019 20:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.0	114.0
145	28.5	22.7	34.1





#31

Naphthalene

Concen: 45.093 ng

RT: 11.04 min Scan# 1354

Delta R.T. -0.02 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Instrument :

BNA_G

ClientSampleId :

M-12-SMS

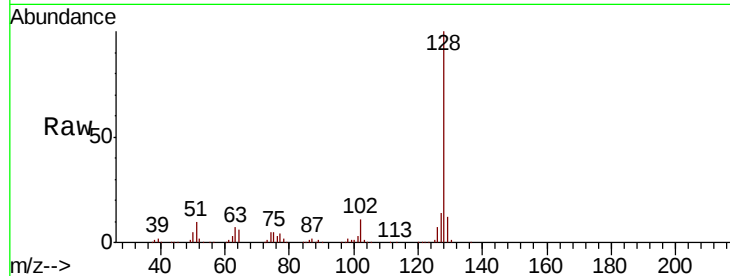
Tot Ion:128 Resp: 541455

Ion Ratio Lower Upper

128 100

129 11.6 8.7 13.1

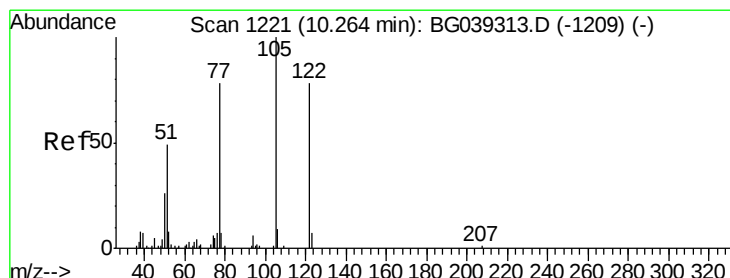
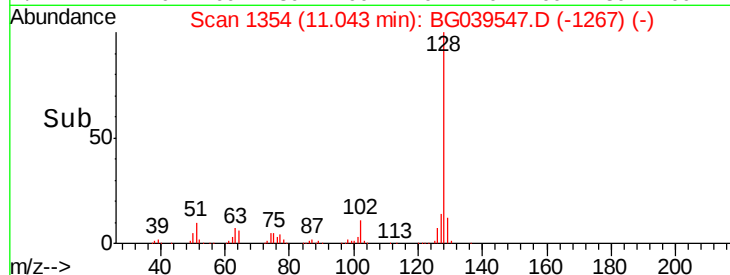
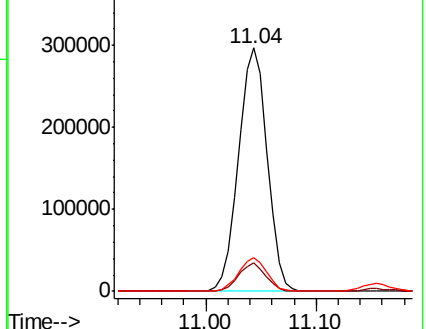
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.703 ng

RT: 10.26 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

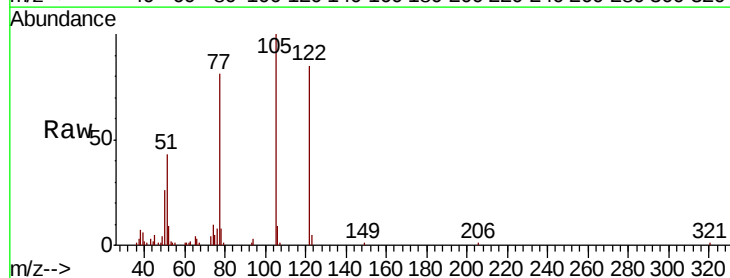
Tgt Ion:122 Resp: 80327

Ion Ratio Lower Upper

122 100

105 118.3 101.8 141.8

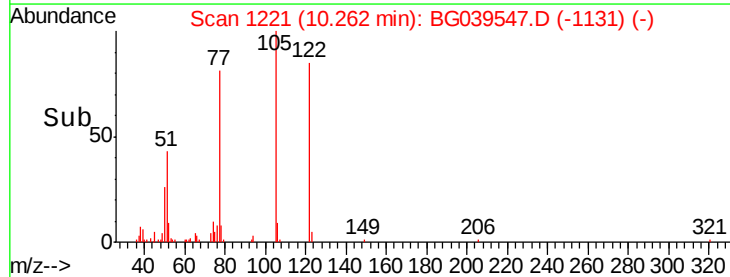
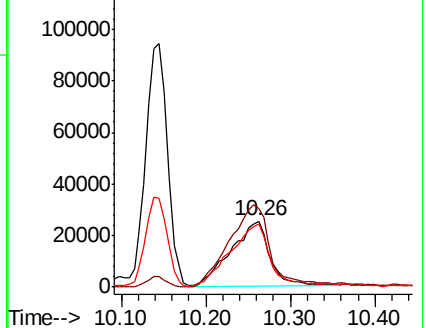
77 95.8 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO

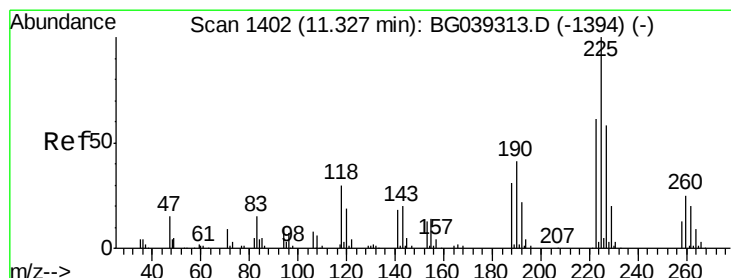
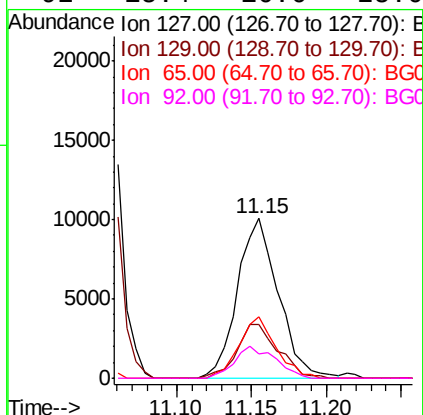
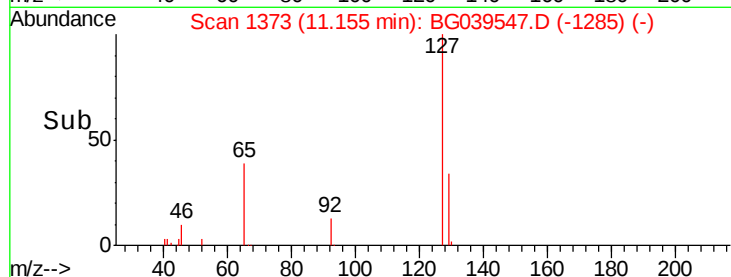
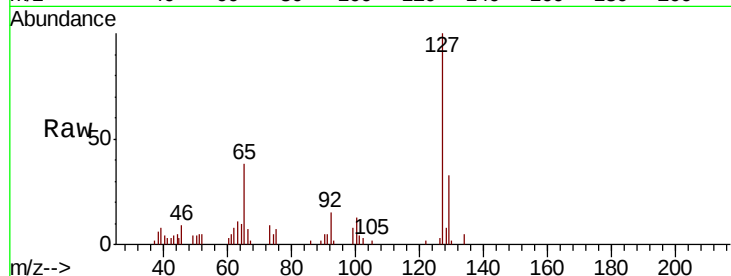




#33
4-Chloroaniline
Concen: 3.435 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

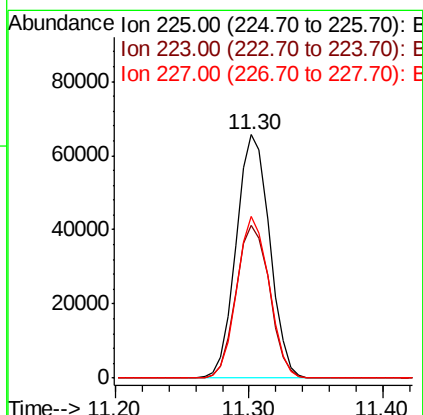
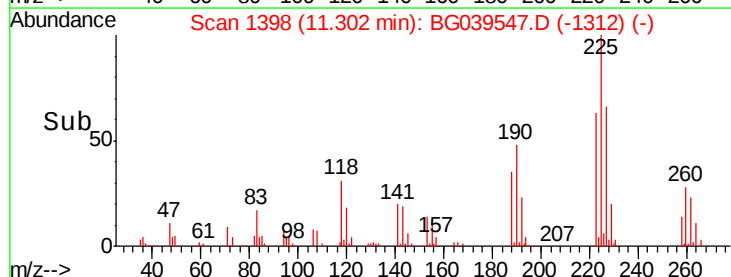
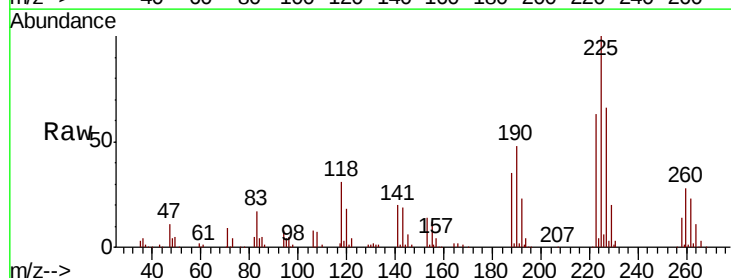
Instrument :
BNA_G
ClientSampleId :
M-12-SMS

Tot Ion:	127	Resp:	19127
Ion	Ratio	Lower	Upper
127	100		
129	33.5	27.0	40.4
65	38.4	28.8	43.2
92	15.4	16.6	25.0



#34
Hexachlorobutadiene
Concen: 40.111 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Tgt Ion:	225	Resp:	113680
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.0	73.6
227	66.4	46.3	69.5





#35

Caprolactam

Concen: 25.436 ng

RT: 11.94 min Scan# 1506

Delta R.T. -0.03 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Instrument :

BNA_G

ClientSampleId :

M-12-SMS

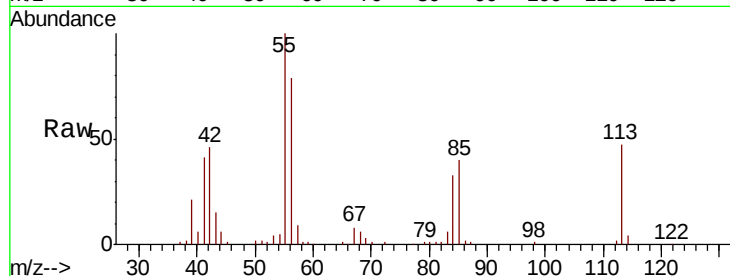
Tot Ion:113 Resp: 39955

Ion Ratio Lower Upper

113 100

55 214.4 216.9 256.9#

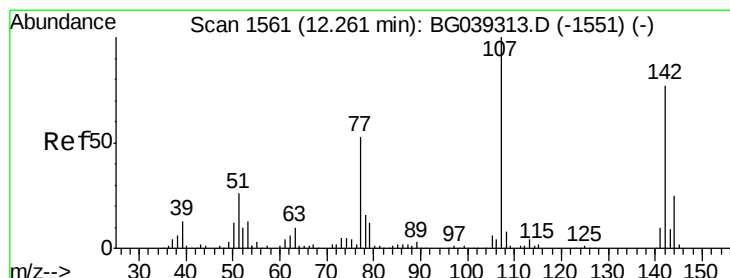
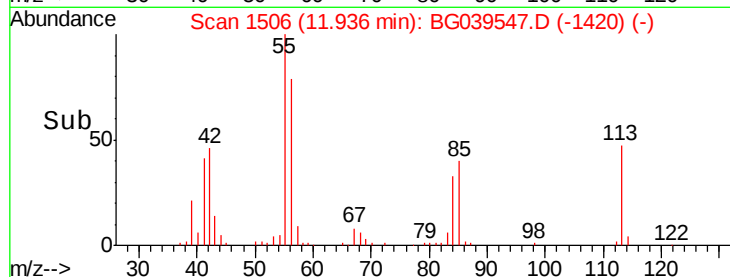
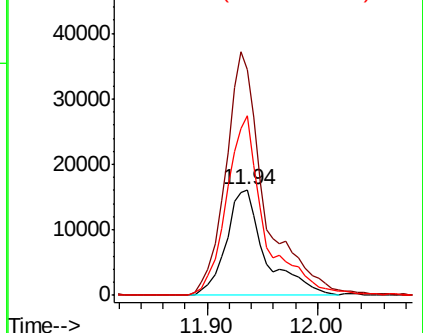
56 170.3 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 46.897 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

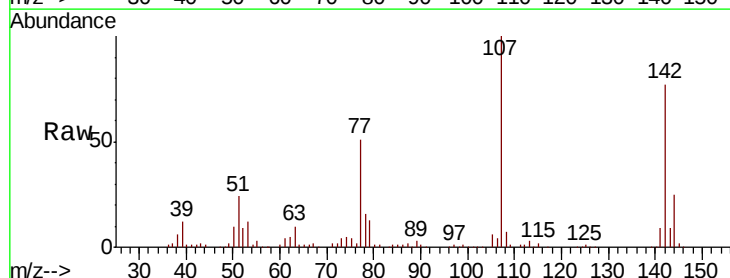
Tgt Ion:107 Resp: 205877

Ion Ratio Lower Upper

107 100

144 25.4 20.2 30.2

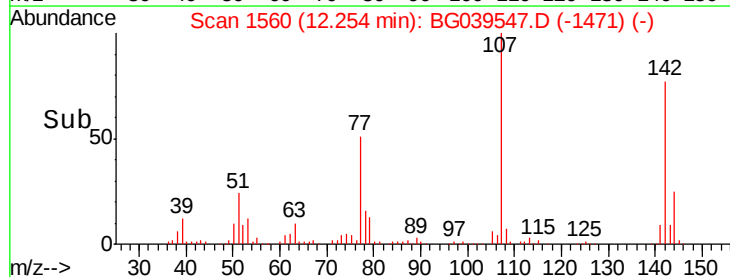
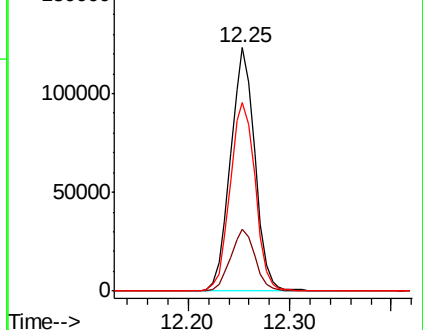
142 77.5 61.4 92.2

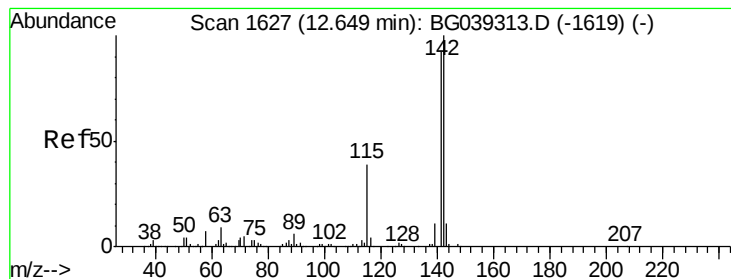


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.203 ng

RT: 12.64 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Instrument :

BNA_G

ClientSampleId :

M-12-SMS

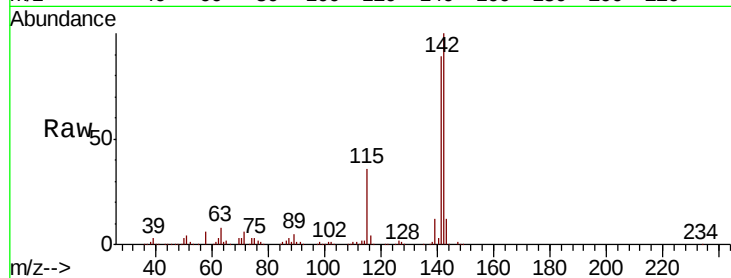
Tot Ion:142 Resp: 410907

Ion Ratio Lower Upper

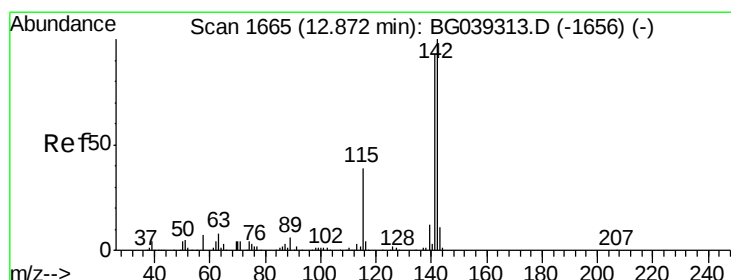
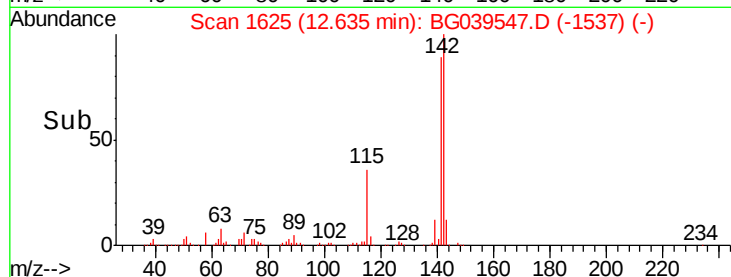
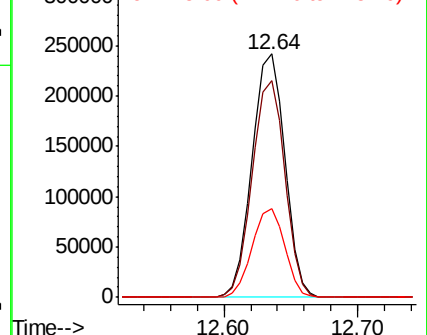
142 100

141 88.8 73.5 110.3

115 36.3 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: 45.986 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

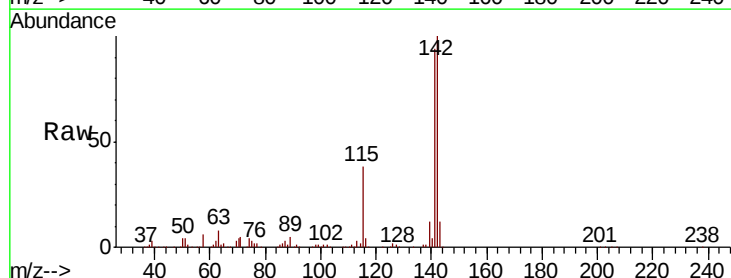
Tgt Ion:142 Resp: 394233

Ion Ratio Lower Upper

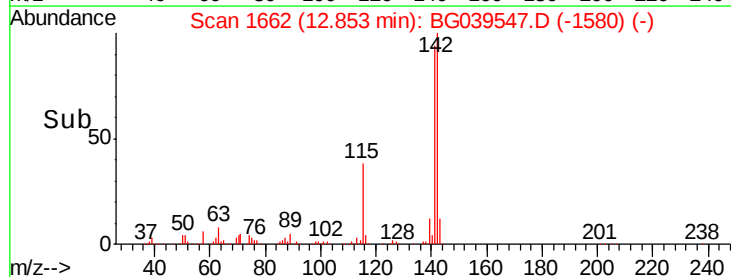
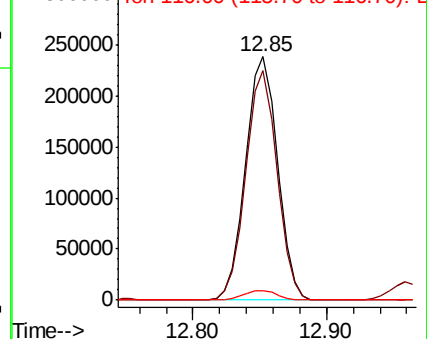
142 100

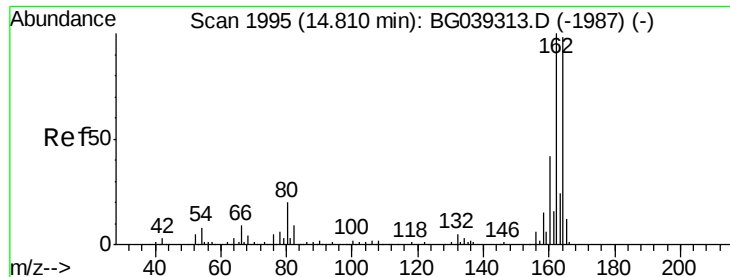
141 94.3 74.2 111.4

116 4.0 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: BG039547.D

Acq: 18 Feb 2019 20:03

Instrument :

BNA_G

ClientSampleId :

M-12-SMS

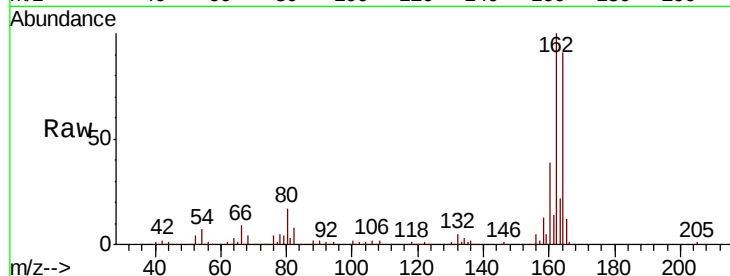
Tot Ion:164 Resp: 169100

Ion Ratio Lower Upper

164 100

162 109.5 81.6 122.4

160 42.7 34.2 51.2

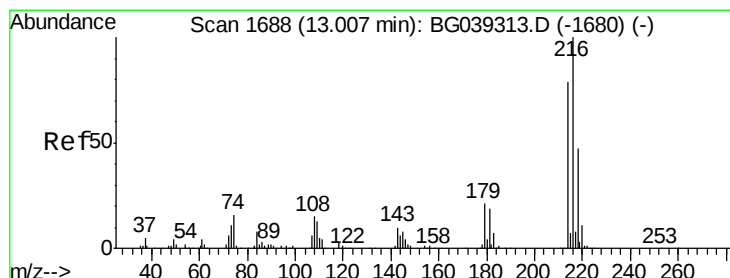
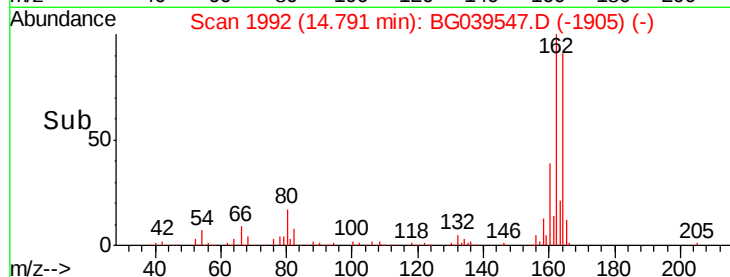
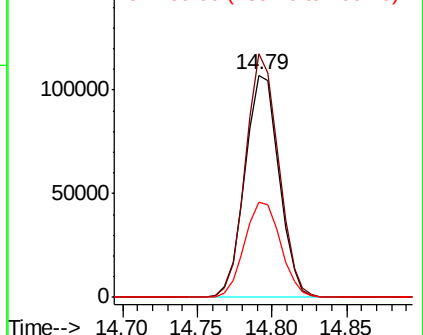


Abundance

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: 41.358 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Tgt Ion:216 Resp: 222517

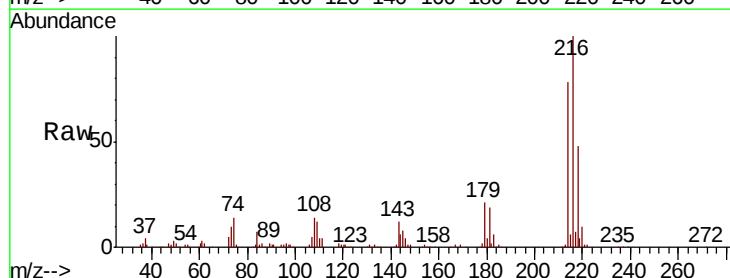
Ion Ratio Lower Upper

216 100

214 79.2 62.6 94.0

179 20.7 16.6 25.0

108 18.2 14.0 21.0



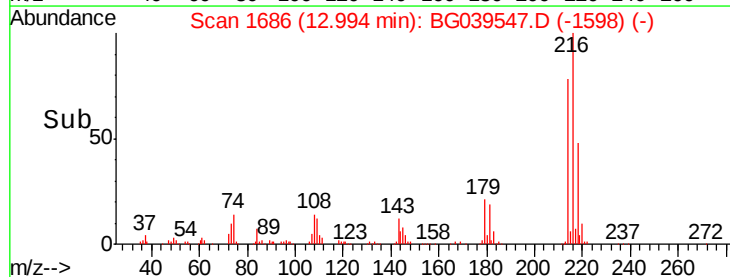
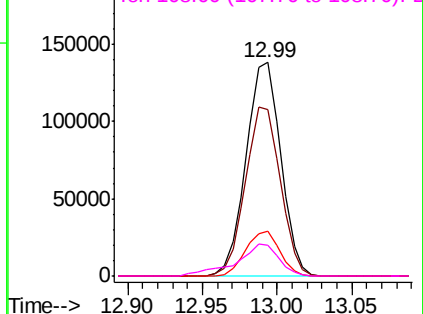
Abundance

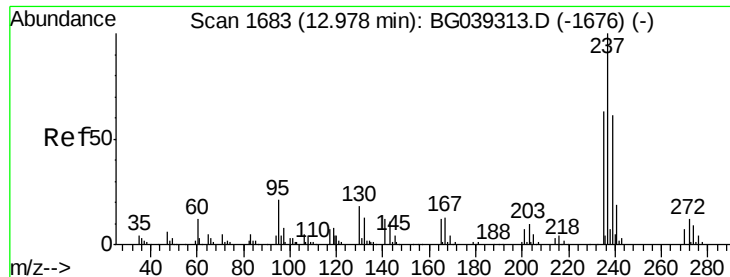
Ion 216.00 (215.70 to 216.70): E

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: 86.361 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Instrument :

BNA_G

ClientSampleId :

M-12-SMS

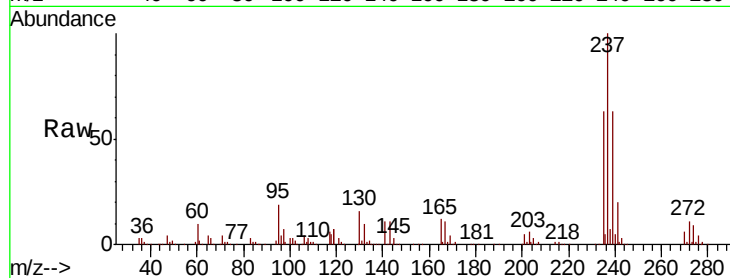
Tot Ion:237 Resp: 253192

Ion Ratio Lower Upper

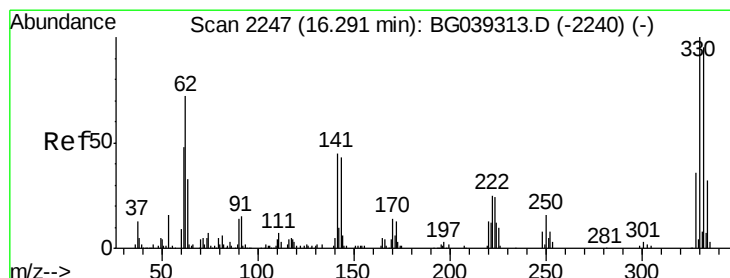
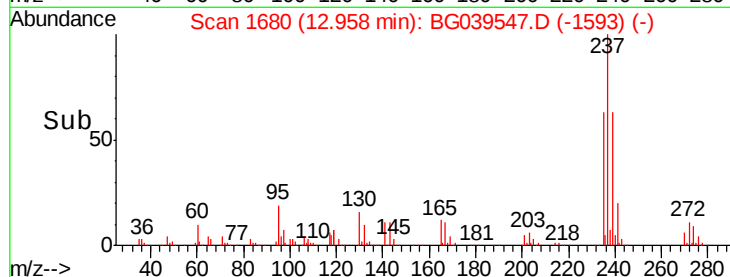
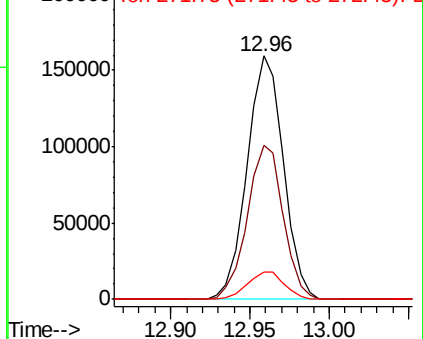
237 100

235 63.5 43.3 83.3

272 11.3 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: 145.920 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

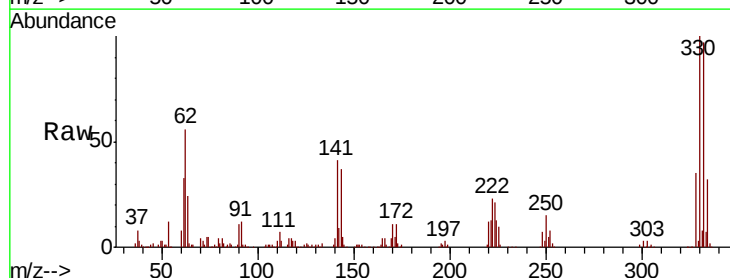
Tgt Ion:330 Resp: 265708

Ion Ratio Lower Upper

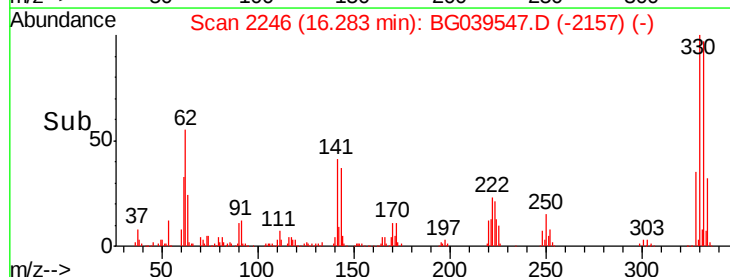
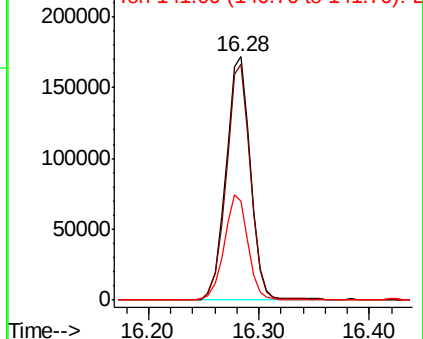
330 100

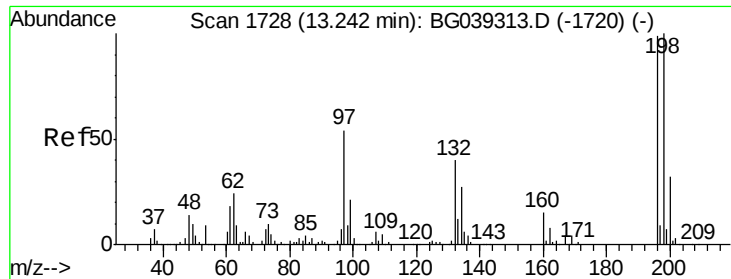
332 96.1 75.7 113.5

141 41.9 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

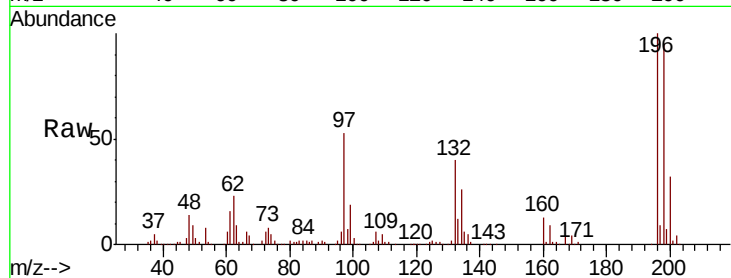




#43
 2,4,6-Trichlorophenol
 Concen: 47.782 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039547.D
 Acq: 18 Feb 2019 20:03

Instrument :
 BNA_G
 ClientSampled :
 M-12-SMS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.8	80.6	121.0
200	32.2	26.1	39.1

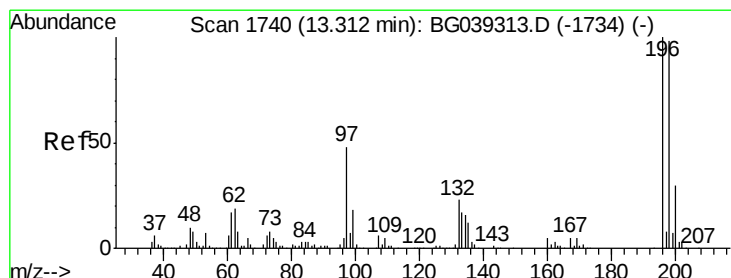
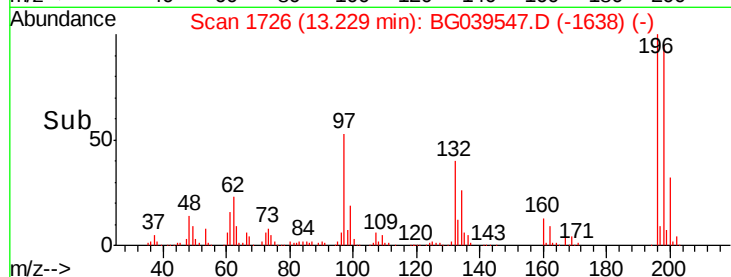
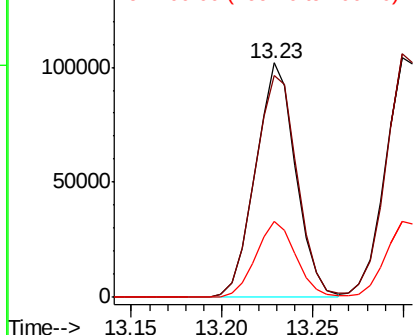


Abundance

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: 50.102 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039547.D
 Acq: 18 Feb 2019 20:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.3	78.5	117.7
97	47.1	38.4	57.6
132	24.7	19.2	28.8

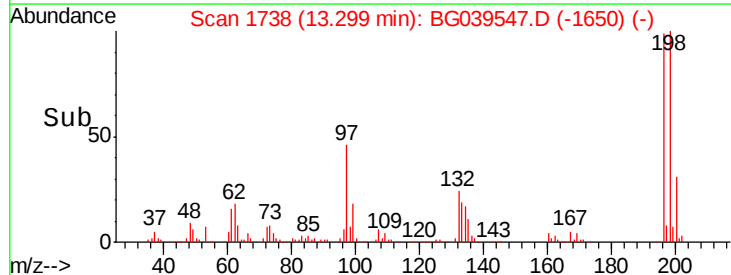
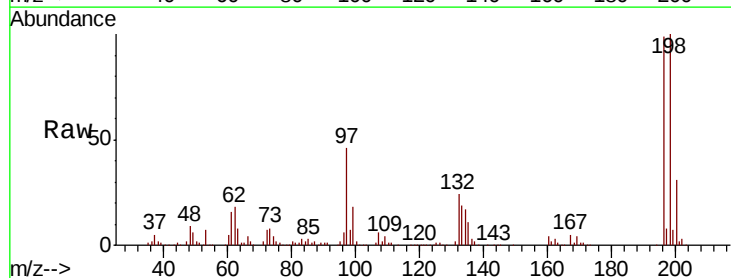
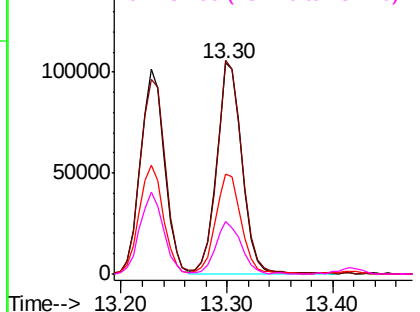
Abundance

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: 79.636 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Instrument :

BNA_G

ClientSampleId :

M-12-SMS

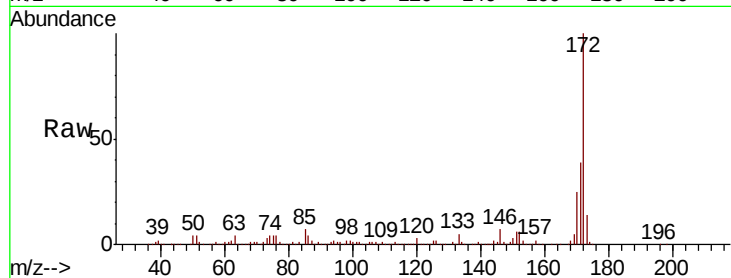
Tot Ion:172 Resp: 938721

Ion Ratio Lower Upper

172 100

171 39.4 30.8 46.2

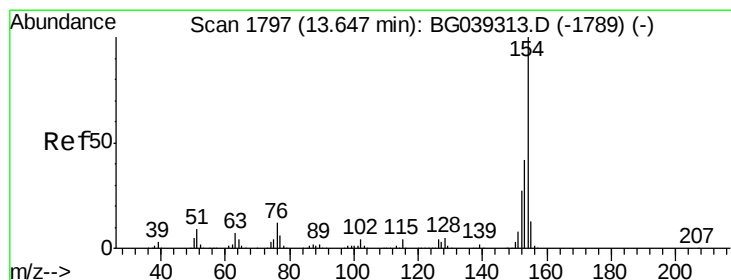
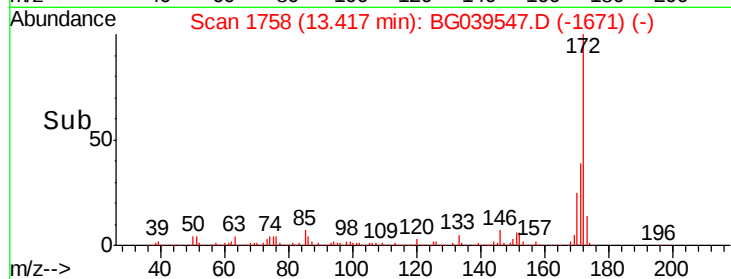
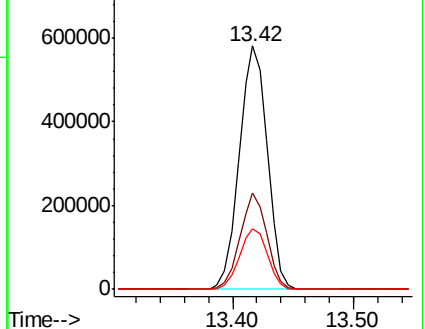
170 24.7 20.2 30.4



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: 39.423 ng

RT: 13.63 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

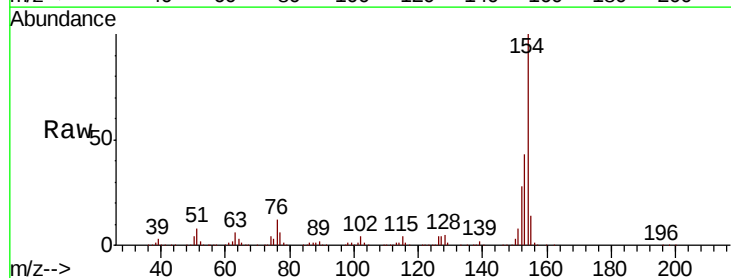
Tgt Ion:154 Resp: 554659

Ion Ratio Lower Upper

154 100

153 43.4 22.1 62.1

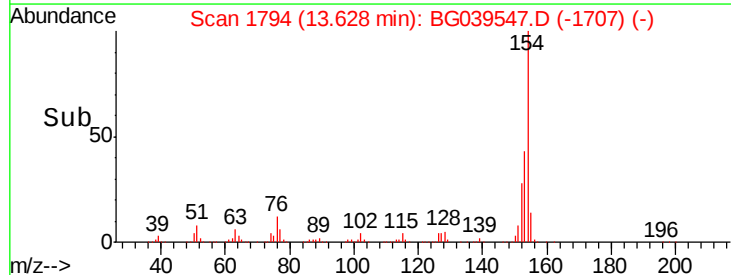
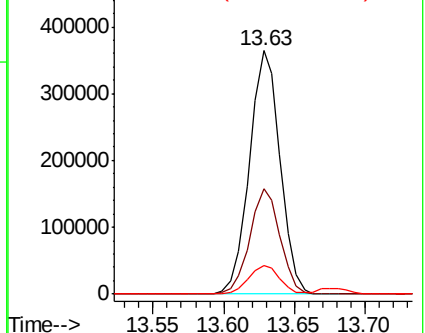
76 11.9 0.0 32.4

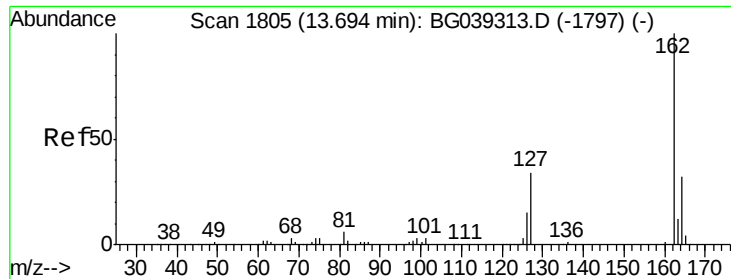


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

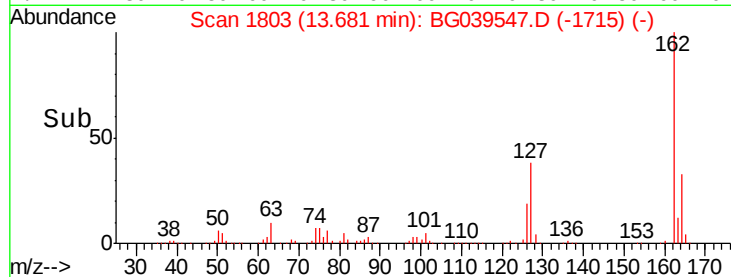
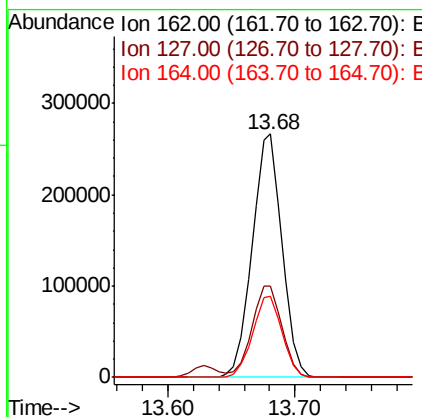
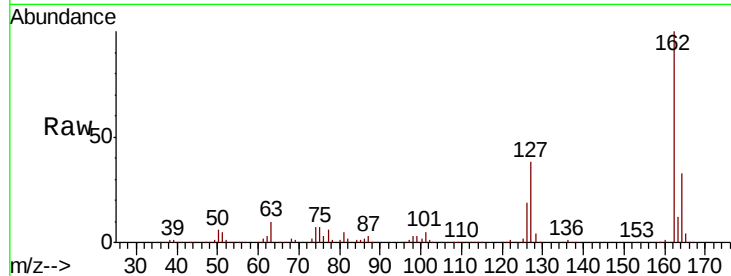




#47
 2-Chloronaphthalene
 Concen: 40.999 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG039547.D
 Acq: 18 Feb 2019 20:03

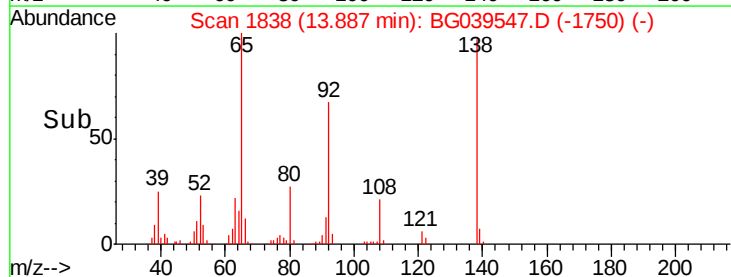
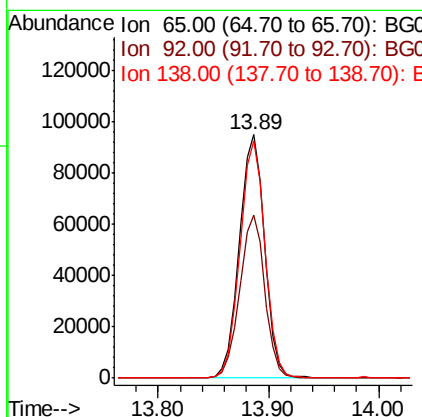
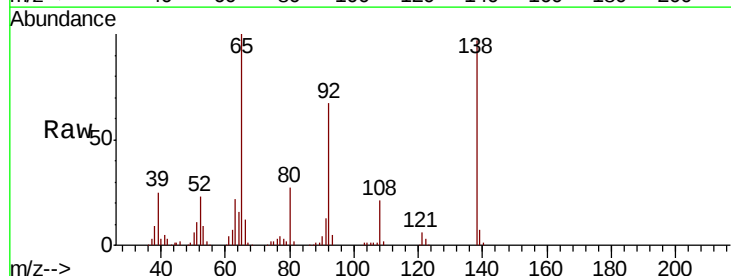
Instrument :
 BNA_G
 ClientSampleId :
 M-12-SMS

Tot Ion:	162	Resp:	433943
Ion	Ratio	Lower	Upper
162	100		
127	37.6	31.0	46.6
164	33.4	25.7	38.5



#48
 2-Nitroaniline
 Concen: 49.821 ng
 RT: 13.89 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG039547.D
 Acq: 18 Feb 2019 20:03

Tgt Ion:	65	Resp:	152636
Ion	Ratio	Lower	Upper
65	100		
92	67.0	51.4	77.2
138	97.4	71.4	107.2





#49

Acenaphthylene

Concen: 44.531 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Instrument :

BNA_G

ClientSampleId :

M-12-SMS

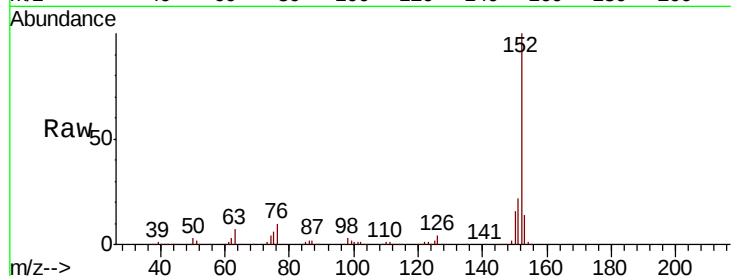
Tot Ion:152 Resp: 711193

Ion Ratio Lower Upper

152 100

151 21.6 16.8 25.2

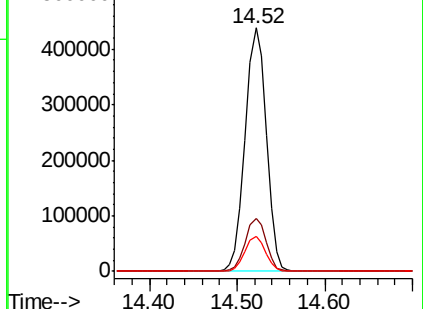
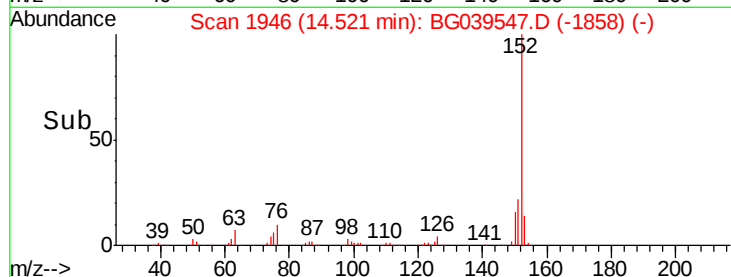
153 14.4 11.7 17.5



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: 43.129 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

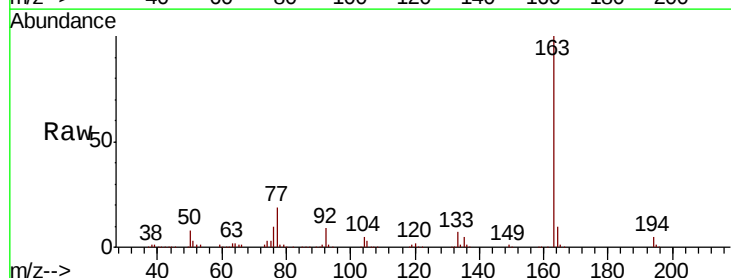
Tgt Ion:163 Resp: 589019

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

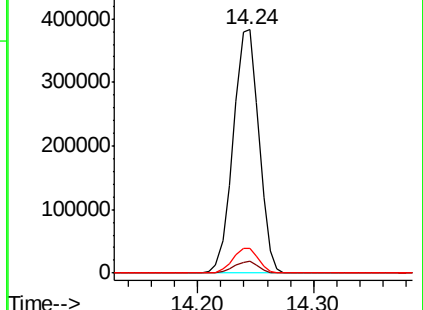
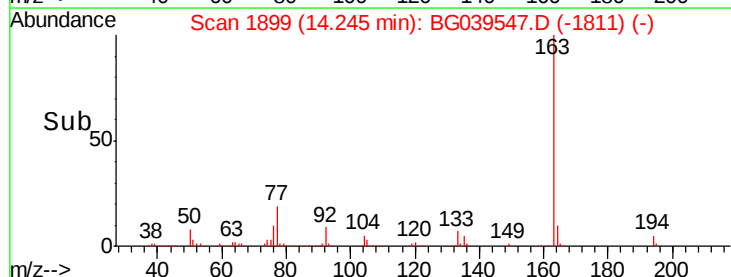
164 10.2 8.4 12.6



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

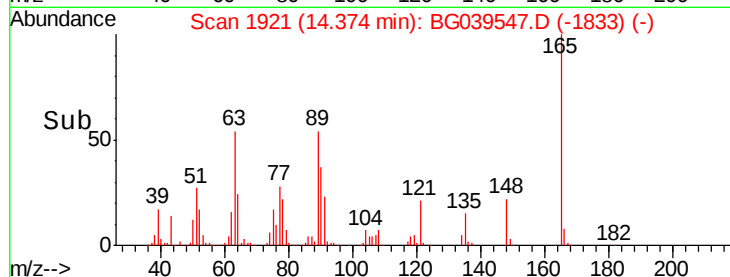
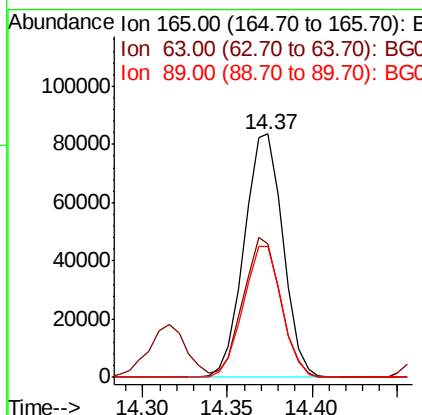
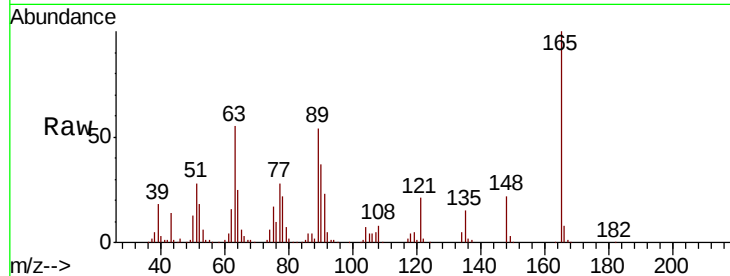




#51
 2,6-Dinitrotoluene
 Concen: 51.503 ng
 RT: 14.37 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG039547.D
 Acq: 18 Feb 2019 20:03

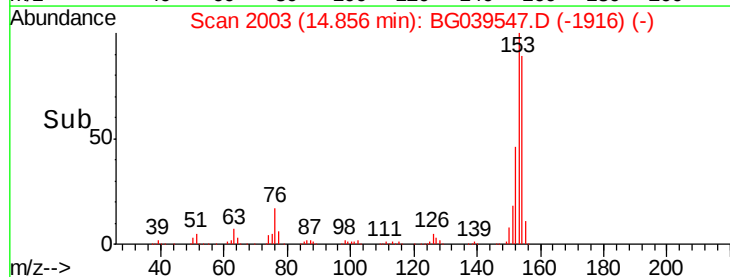
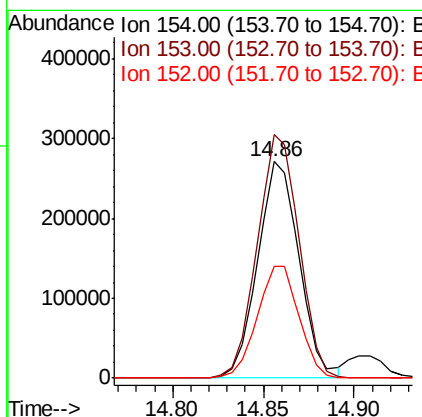
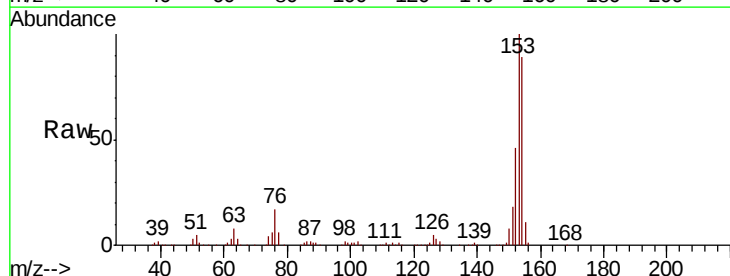
Instrument :
 BNA_G
 ClientSampled :
 M-12-SMS

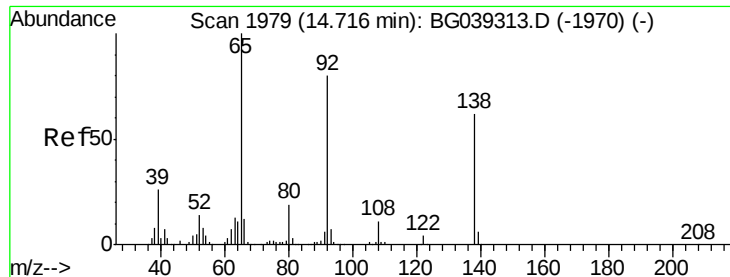
Tot Ion:165 Resp: 132875
 Ion Ratio Lower Upper
 165 100
 63 54.8 47.0 70.6
 89 53.6 45.8 68.8



#52
 Acenaphthene
 Concen: 41.835 ng
 RT: 14.86 min Scan# 2003
 Delta R.T. -0.02 min
 Lab File: BG039547.D
 Acq: 18 Feb 2019 20:03

Tgt Ion:154 Resp: 433695
 Ion Ratio Lower Upper
 154 100
 153 112.6 90.1 135.1
 152 51.5 40.9 61.3

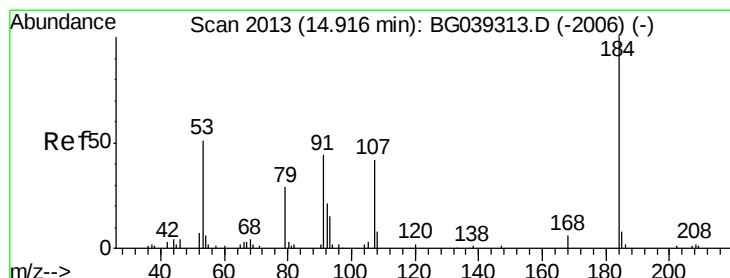
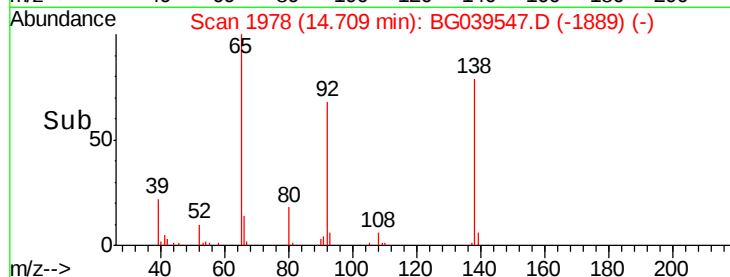
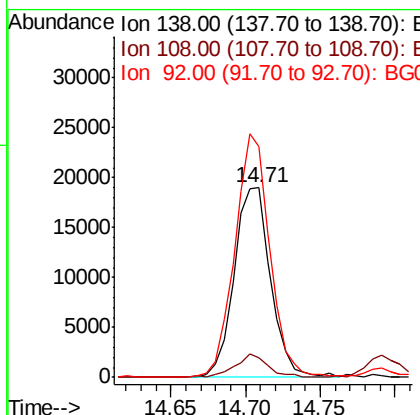
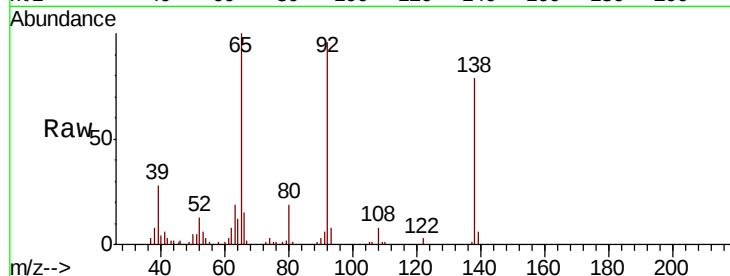




#53
3-Nitroaniline
Concen: 16.084 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

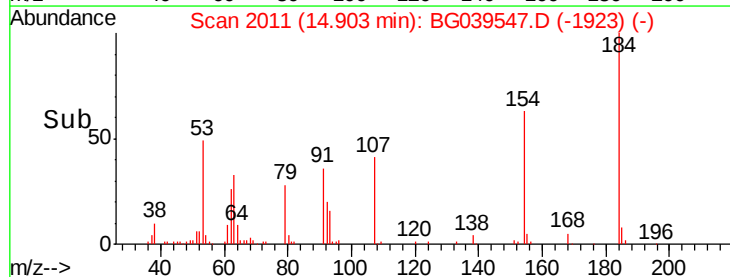
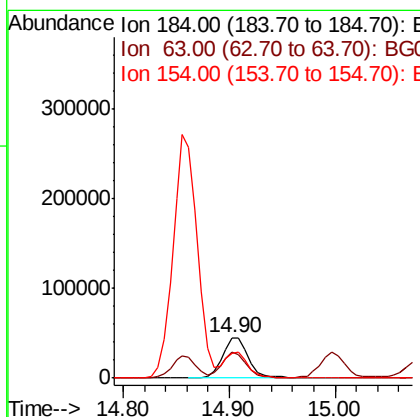
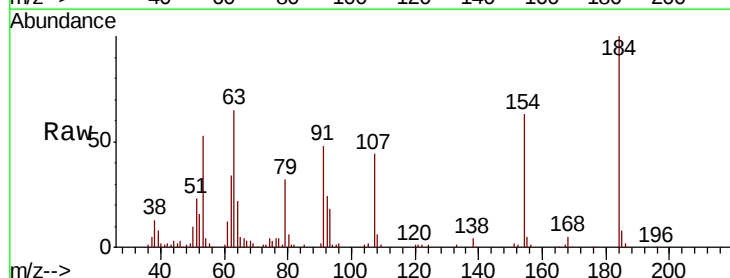
Instrument :
BNA_G
ClientSampleId :
M-12-SMS

Tot Ion:138 Resp: 32233
Ion Ratio Lower Upper
138 100
108 10.2 13.8 20.8#
92 121.6 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 71.972 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Tgt Ion:184 Resp: 77239
Ion Ratio Lower Upper
184 100
63 64.7 50.9 76.3
154 62.8 53.0 79.6

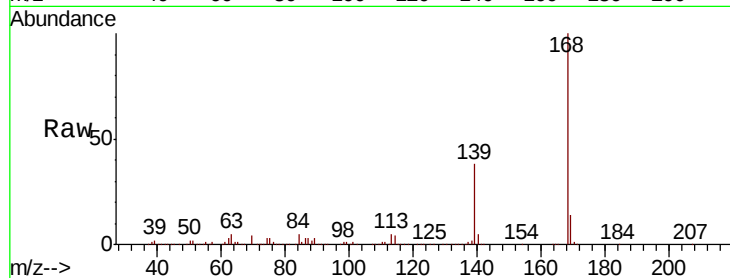




#55
Dibenzofuran
Concen: 42.504 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Instrument :
BNA_G
ClientSampleId :
M-12-SMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.1	45.1
169	13.7	10.6	16.0

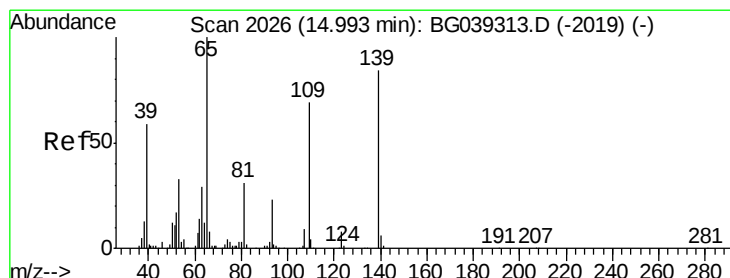
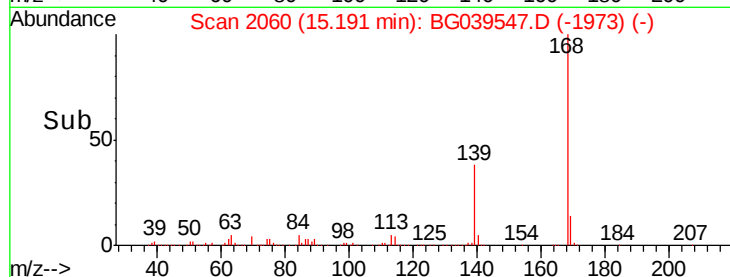
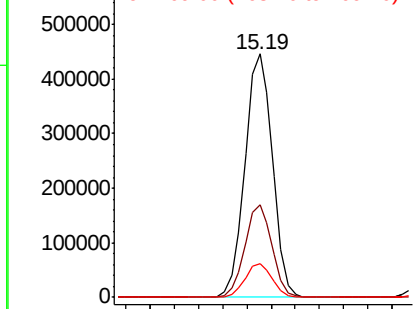


Abundance

Ion 168.00 (167.70 to 168.70): E

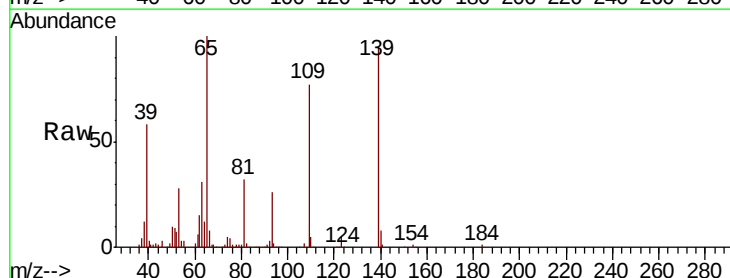
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 63.675 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	81.0	61.9	101.9
65	105.0	99.1	139.1

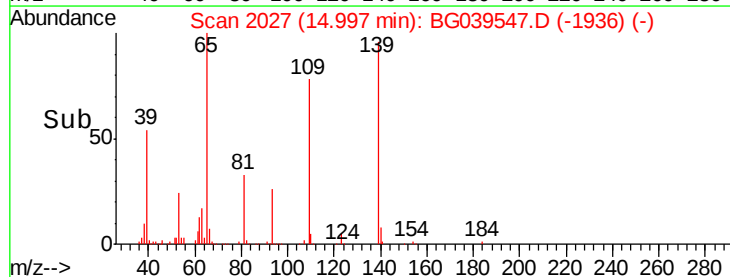
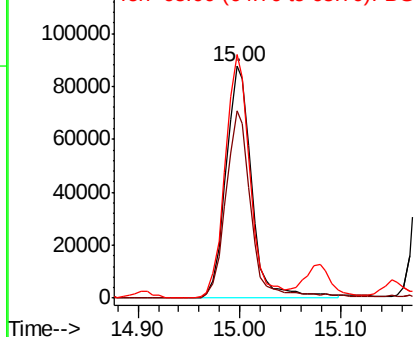


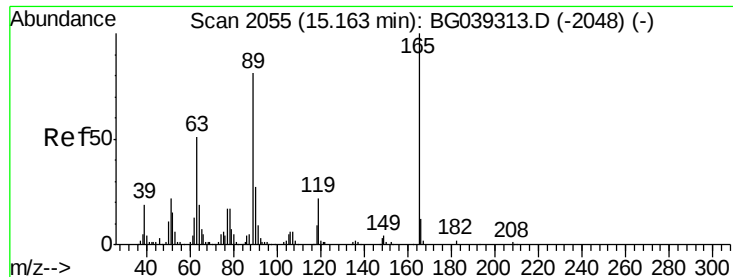
Abundance

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

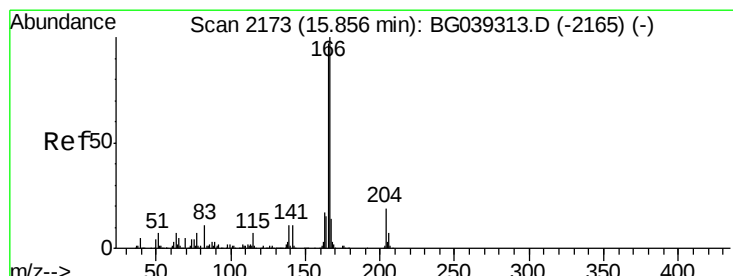
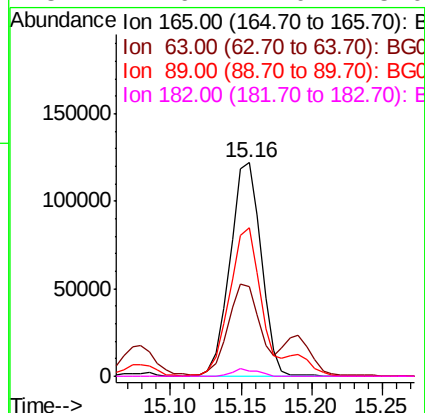
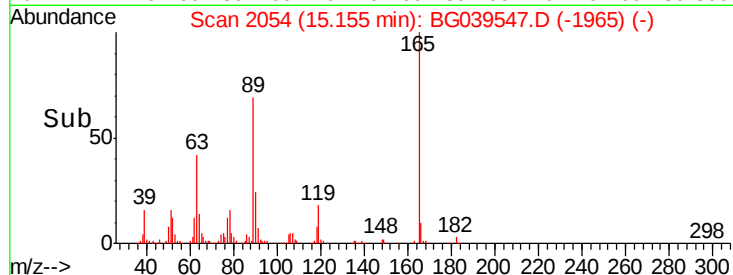
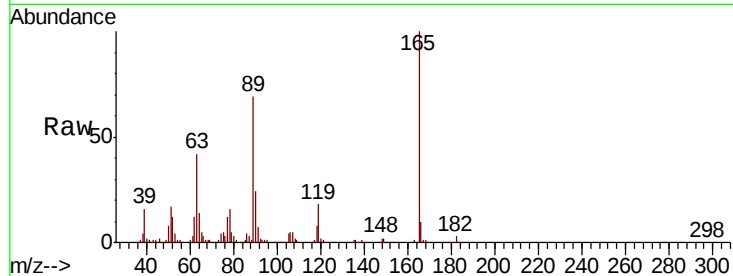




#57
 2,4-Dinitrotoluene
 Concen: 55.906 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG039547.D
 Acq: 18 Feb 2019 20:03

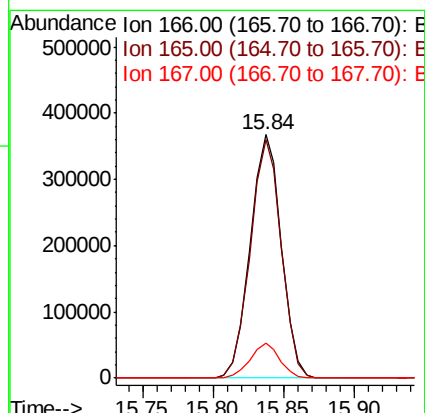
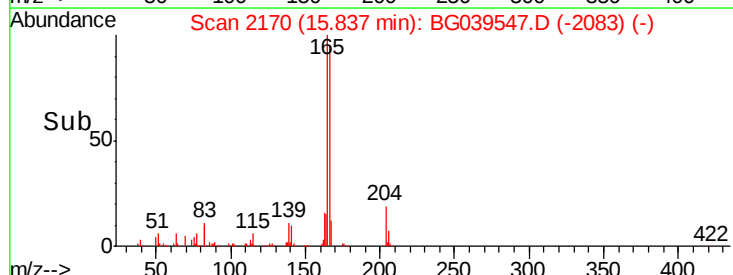
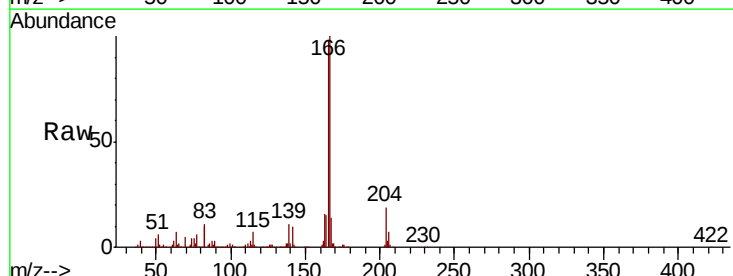
Instrument :
 BNA_G
 ClientSampleId :
 M-12-SMS

Tot Ion:	165	Resp:	187823
Ion	Ratio	Lower	Upper
165	100		
63	41.8	41.0	61.6
89	69.5	64.6	96.8
182	2.6	2.0	3.0



#58
 Fluorene
 Concen: 45.743 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG039547.D
 Acq: 18 Feb 2019 20:03

Tgt Ion:	166	Resp:	566788
Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.9	116.9
167	14.2	10.8	16.2

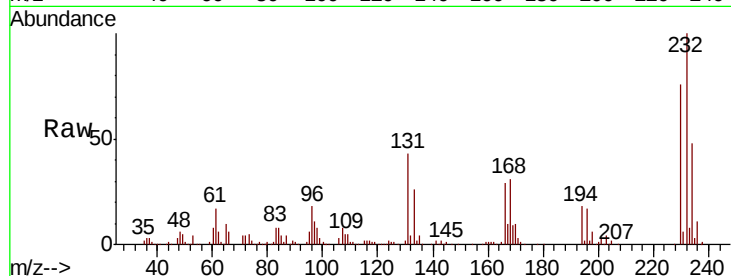




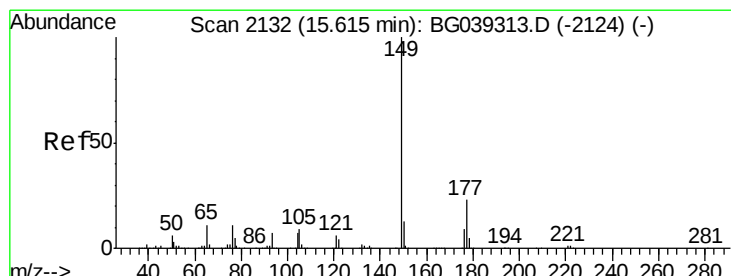
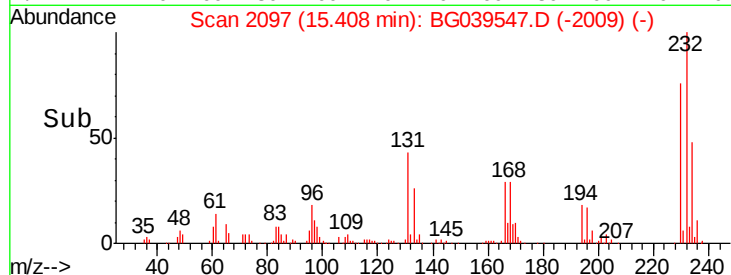
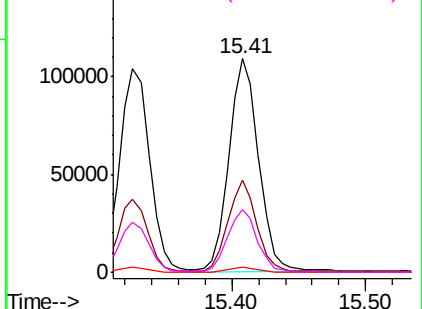
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.705 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039547.D
 Acq: 18 Feb 2019 20:03

Instrument :
 BNA_G
 ClientSampleId :
 M-12-SMS

Tot Ion:232	Resp:	167850
Ion Ratio	Lower	Upper
232	100	
131	41.4	34.9 52.3
130	2.3	2.0 3.0
166	29.3	24.1 36.1

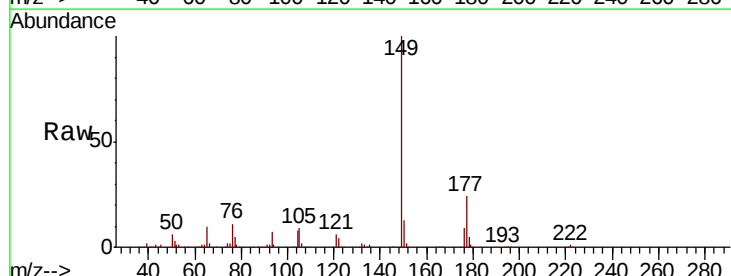


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

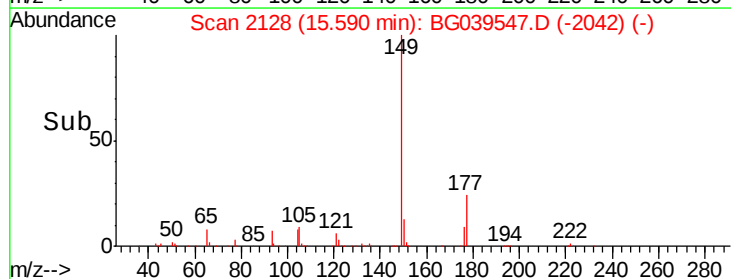
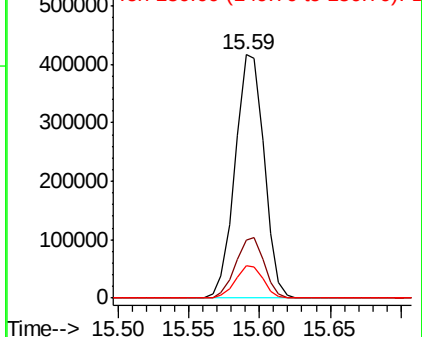


#60
 Diethylphthalate
 Concen: 42.277 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BG039547.D
 Acq: 18 Feb 2019 20:03

Tgt Ion:149	Resp:	596976
Ion Ratio	Lower	Upper
149	100	
177	23.9	18.3 27.5
150	13.3	10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

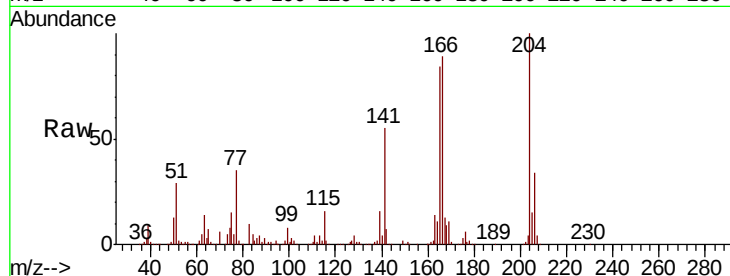




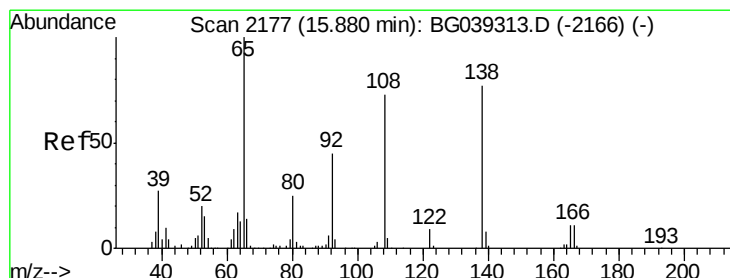
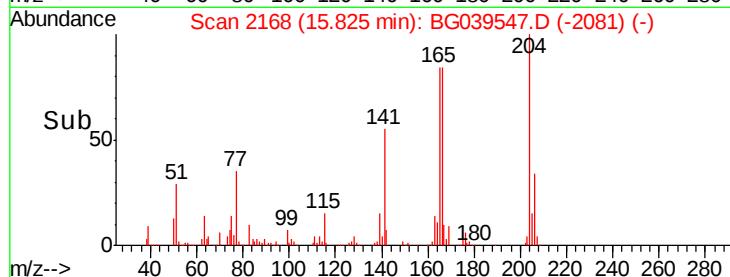
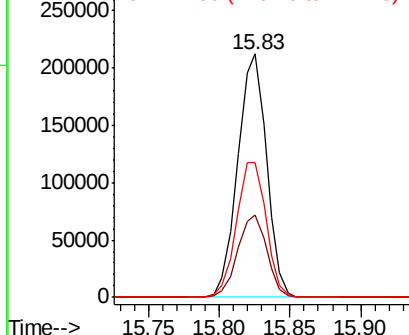
#61
4-Chlorophenyl-phenylether
Concen: 43.103 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Instrument :
BNA_G
ClientSampleId :
M-12-SMS

Tot Ion:204 Resp: 302414
Ion Ratio Lower Upper
204 100
206 33.9 29.2 43.8
141 55.3 49.0 73.4

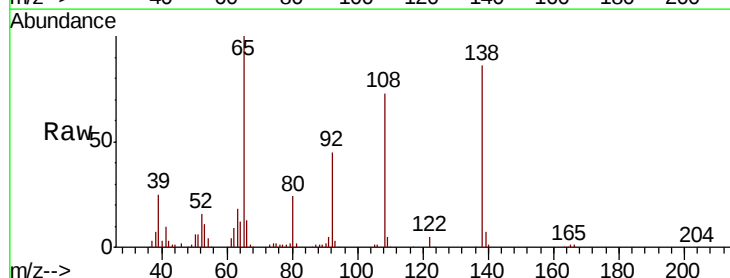


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

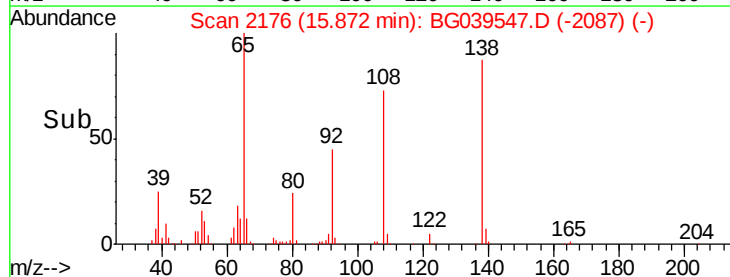
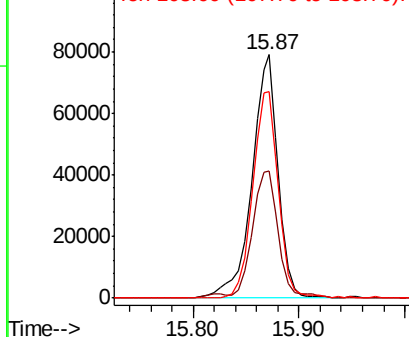


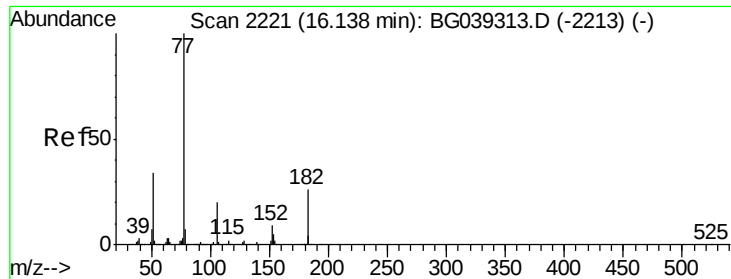
#62
4-Nitroaniline
Concen: 47.553 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Tgt Ion:138 Resp: 136064
Ion Ratio Lower Upper
138 100
92 52.3 38.7 78.7
108 84.9 74.6 114.6



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

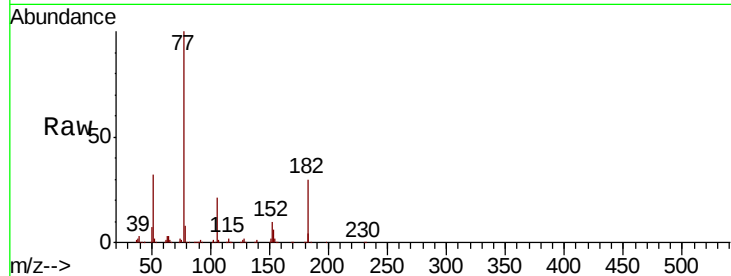




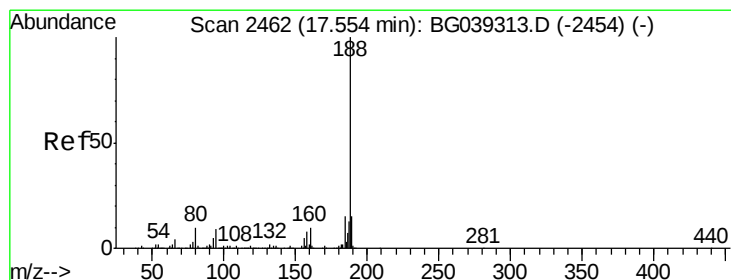
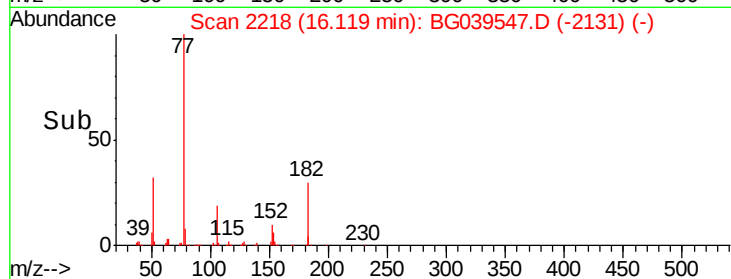
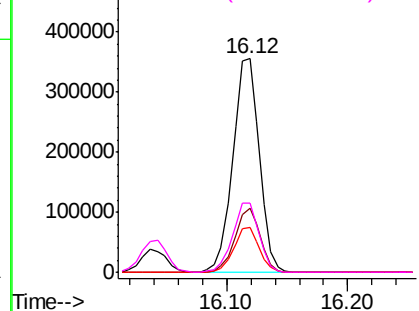
#63
Azobenzene
Concen: 39.222 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Instrument :
BNA_G
ClientSampleId :
M-12-SMS

Tot Ion:	77	Resp:	541319
Ion	Ratio	Lower	Upper
77	100		
182	29.8	6.4	46.4
105	21.2	0.0	39.8
51	32.4	14.1	54.1

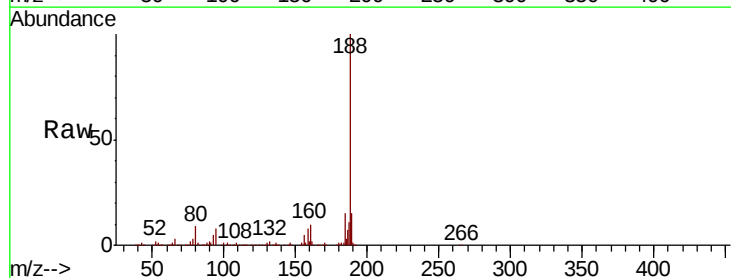


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

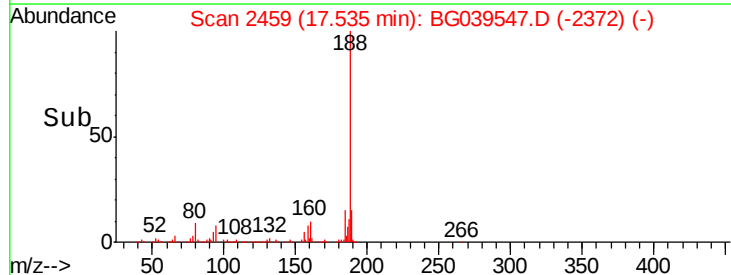
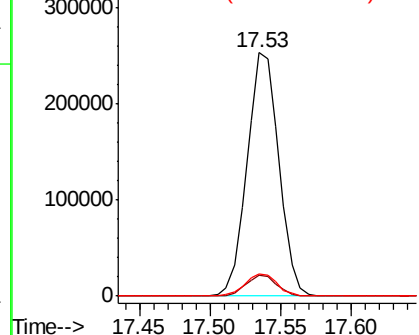


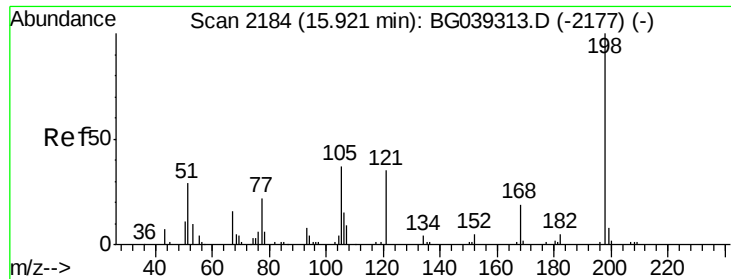
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Tgt Ion:	188	Resp:	398893
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	9.2	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

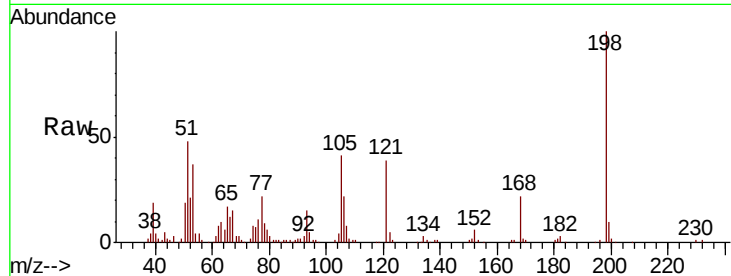




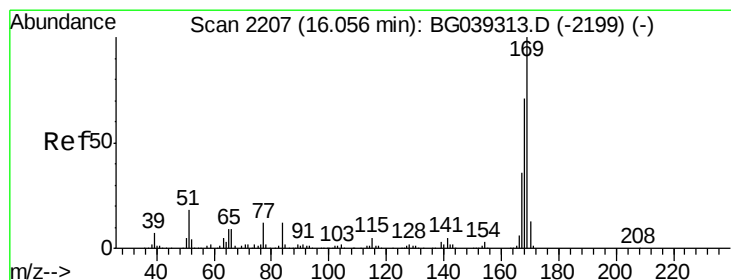
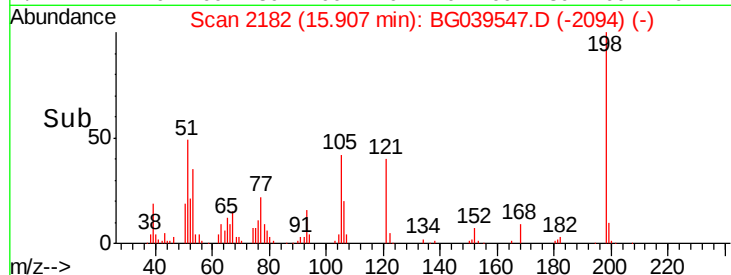
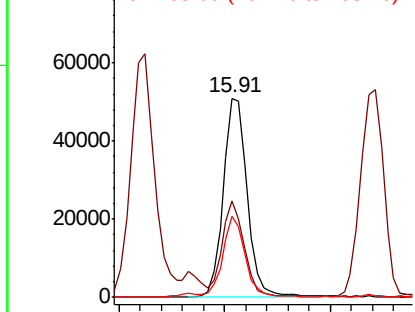
#65
4,6-Dinitro-2-methylphenol
Concen: 50.128 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Instrument :
BNA_G
ClientSampleId :
M-12-SMS

Tot Ion:198 Resp: 80196
Ion Ratio Lower Upper
198 100
51 48.2 27.4 67.4
105 41.0 19.7 59.7

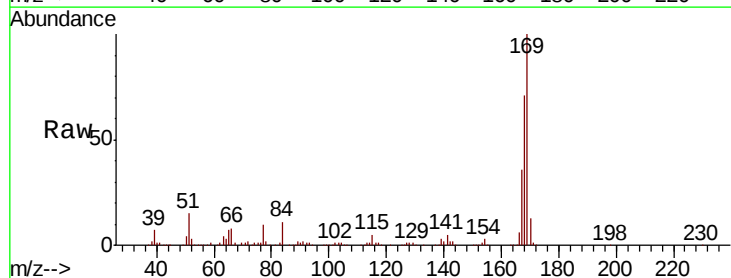


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

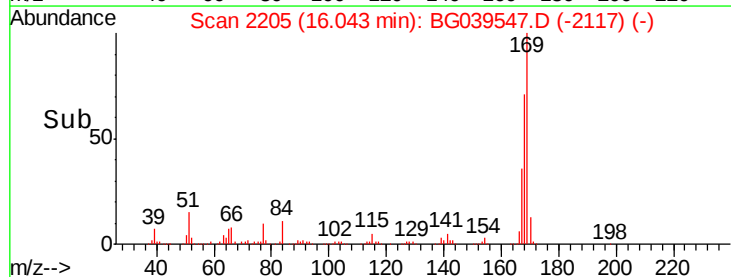
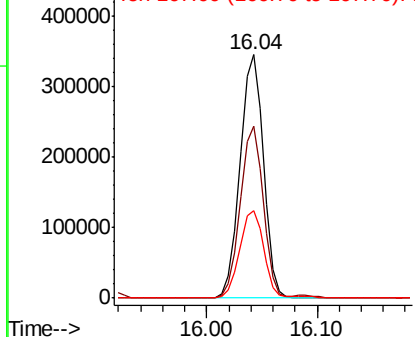


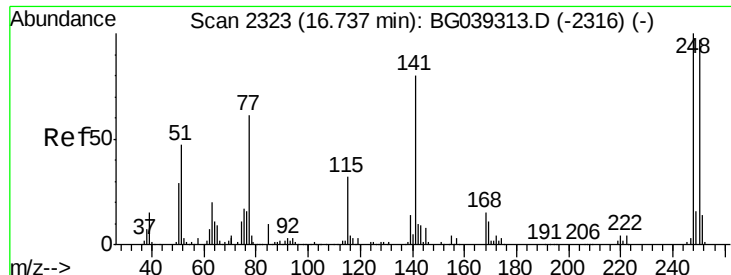
#66
n-Nitrosodiphenylamine
Concen: 42.567 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Tgt Ion:169 Resp: 516288
Ion Ratio Lower Upper
169 100
168 70.7 56.6 85.0
167 35.7 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

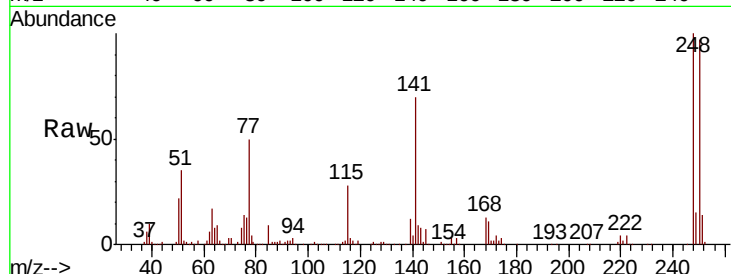




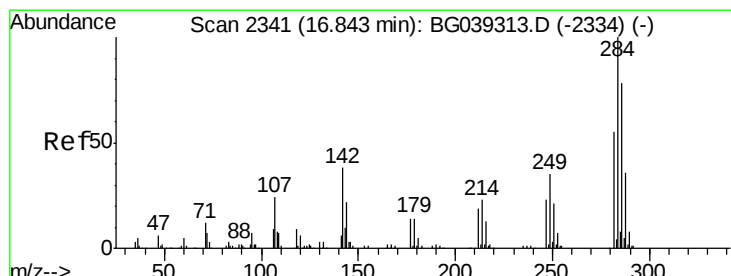
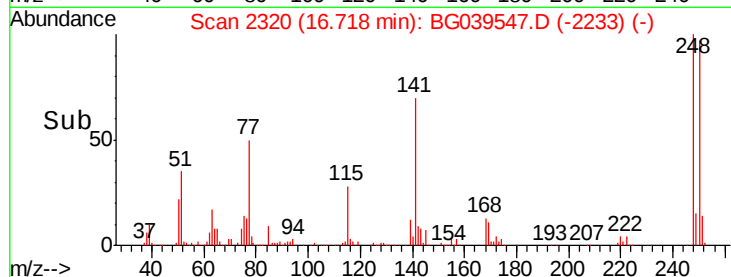
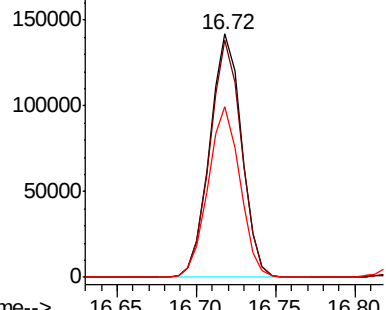
#67
4-Bromophenyl-phenylether
Concen: 44.672 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Instrument :
BNA_G
ClientSampleId :
M-12-SMS

Tot Ion:248 Resp: 197685
Ion Ratio Lower Upper
248 100
250 97.3 77.6 116.4
141 70.0 63.9 95.9

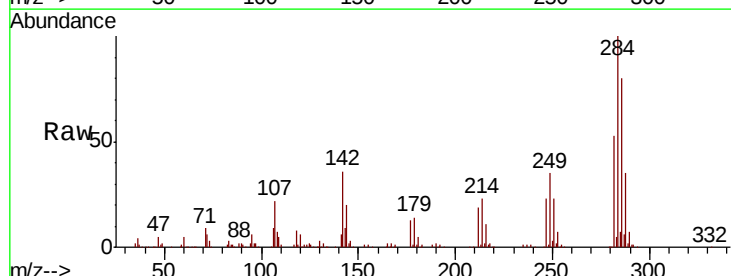


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

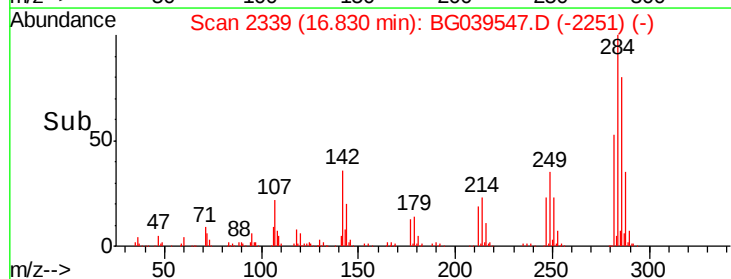
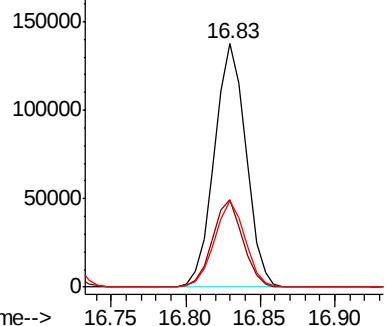


#68
Hexachlorobenzene
Concen: 45.190 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Tgt Ion:284 Resp: 200639
Ion Ratio Lower Upper
284 100
142 35.9 30.6 45.8
249 35.2 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: 43.317 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Instrument :

BNA_G

ClientSampleId :

M-12-SMS

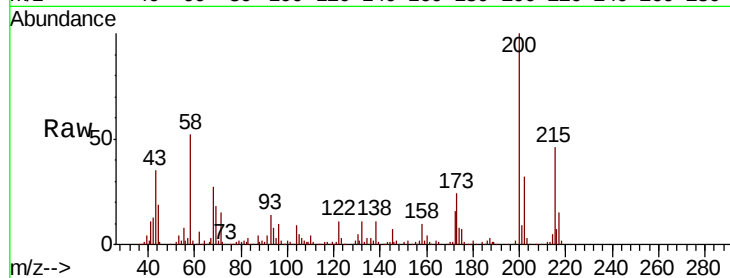
Tot Ion:200 Resp: 191998

Ion Ratio Lower Upper

200 100

173 24.2 3.9 43.9

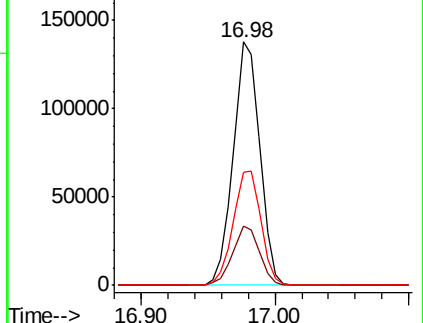
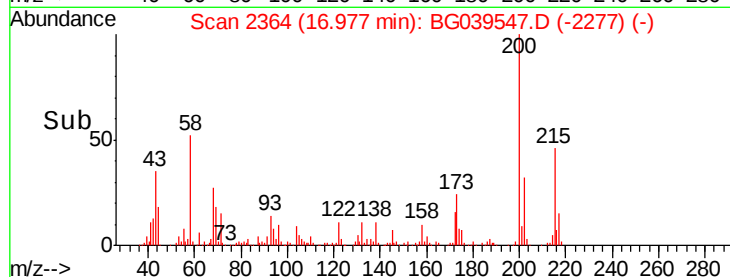
215 46.5 30.9 70.9



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: 72.051 ng

RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

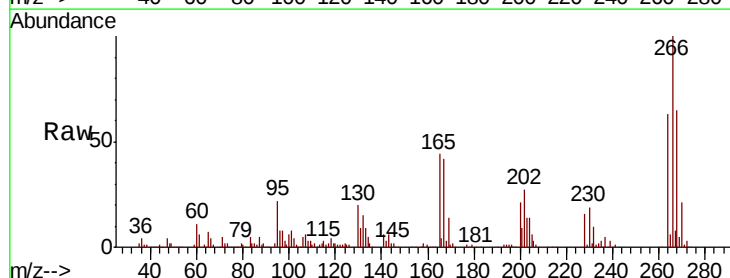
Tgt Ion:266 Resp: 222336

Ion Ratio Lower Upper

266 100

268 64.7 51.1 76.7

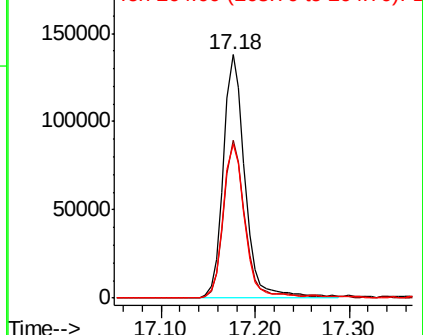
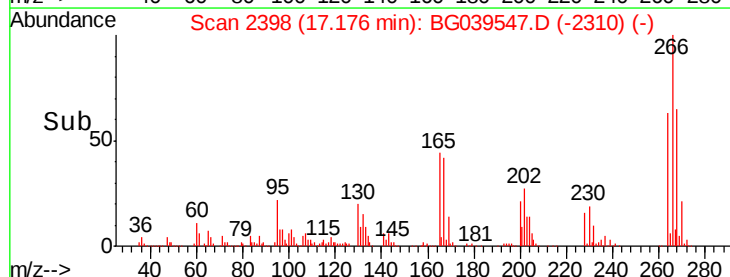
264 63.4 52.1 78.1

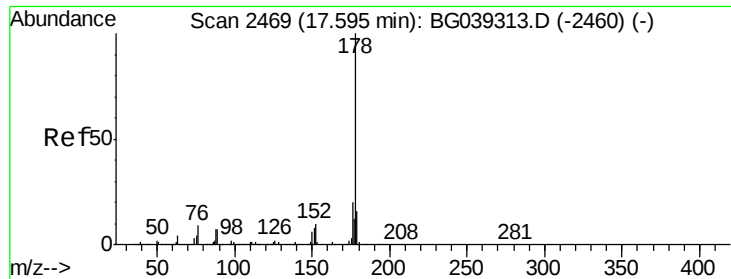


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

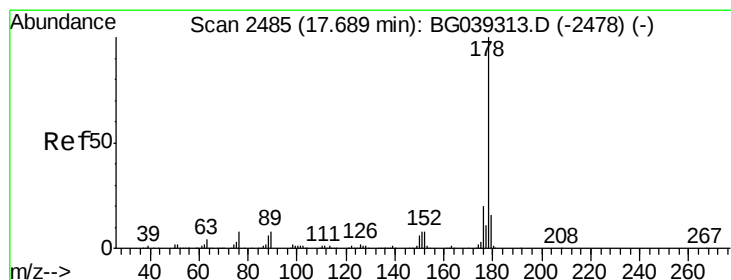
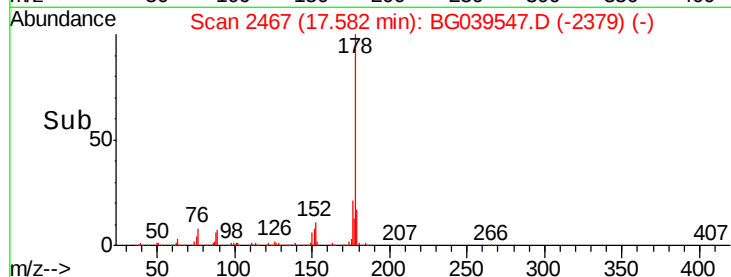
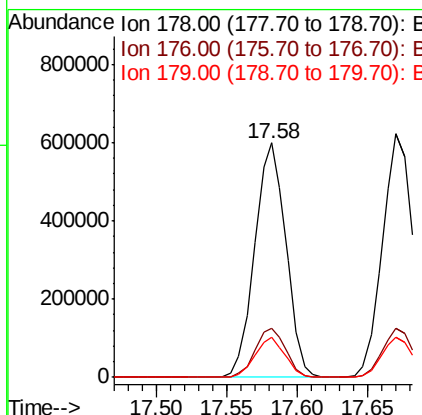
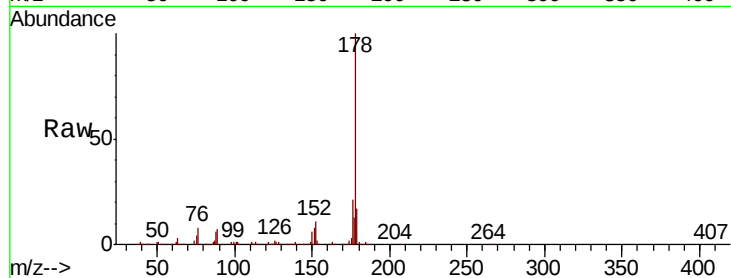




#71
Phenanthrene
Concen: 45.094 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

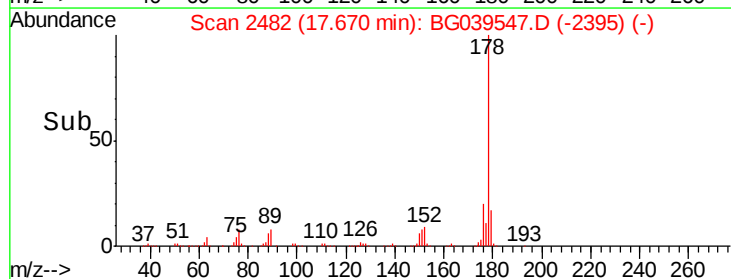
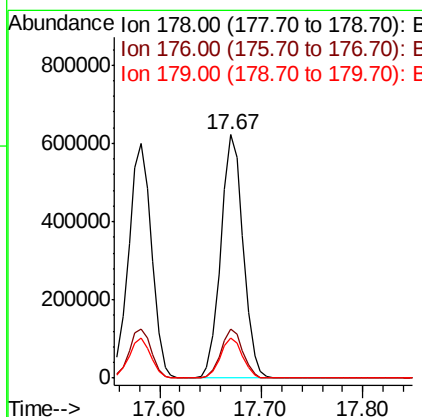
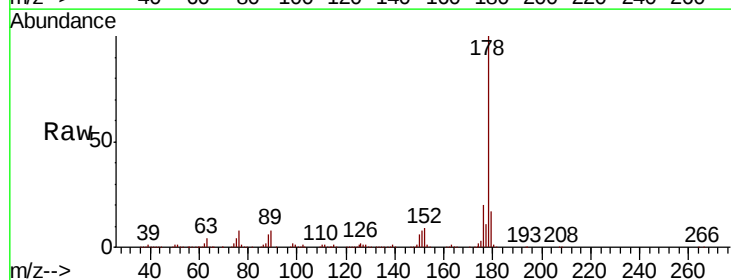
Instrument :
BNA_G
ClientSampleId :
M-12-SMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.2	24.4
179	16.9	12.6	19.0



#72
Anthracene
Concen: 46.608 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.6
179	16.6	12.5	18.7

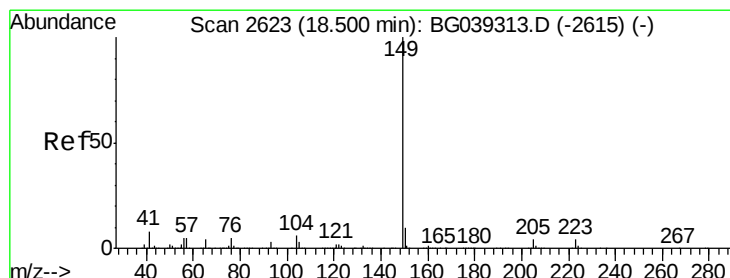
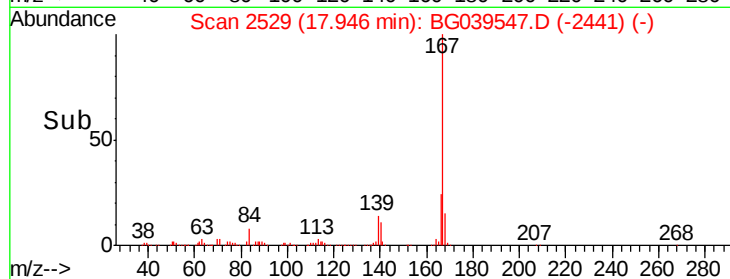
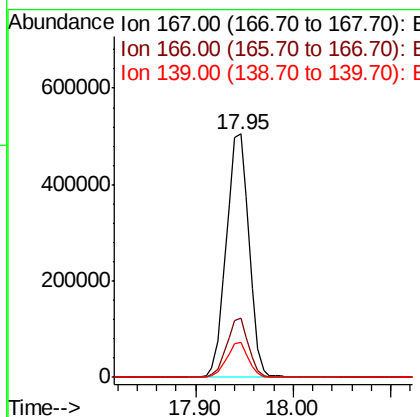
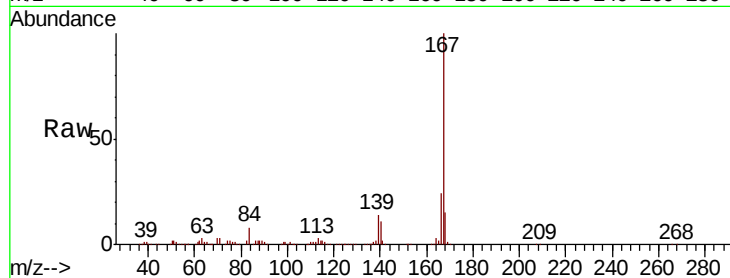




#73
 Carbazole
 Concen: 40.292 ng
 RT: 17.95 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039547.D
 Acq: 18 Feb 2019 20:03

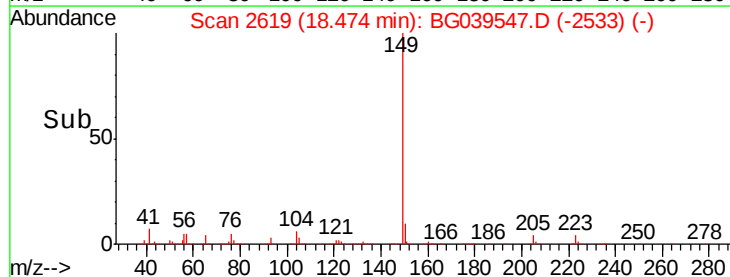
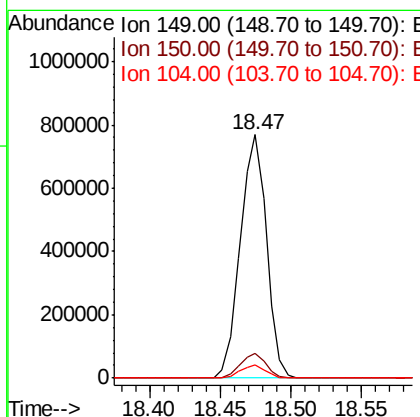
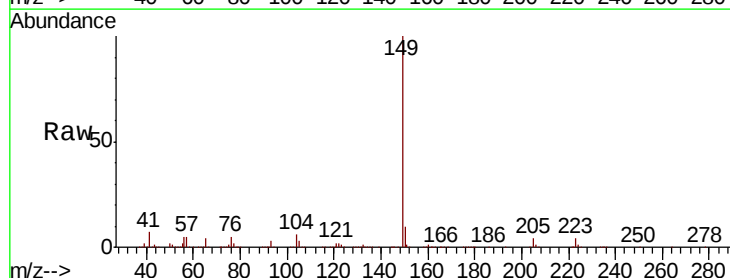
Instrument :
 BNA_G
 ClientSampleId :
 M-12-SMS

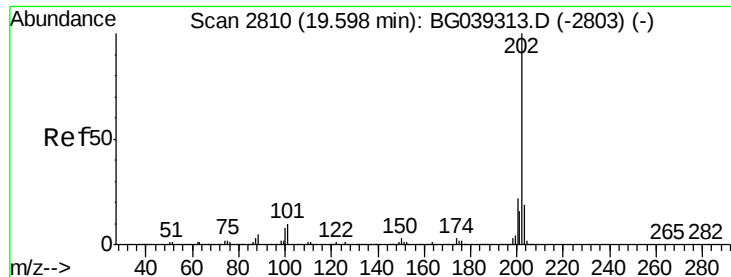
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.3	19.4	29.2
139	14.2	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 42.064 ng
 RT: 18.47 min Scan# 2619
 Delta R.T. -0.03 min
 Lab File: BG039547.D
 Acq: 18 Feb 2019 20:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 46.021 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Instrument :

BNA_G

ClientSampleId :

M-12-SMS

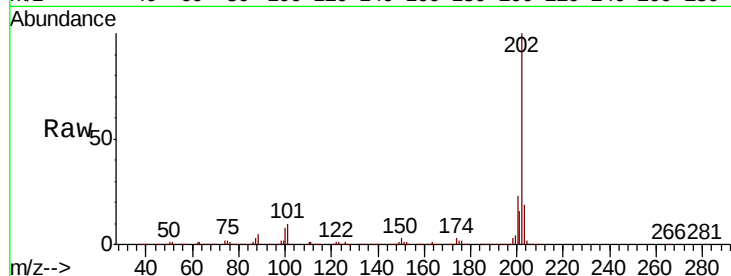
Tot Ion:202 Resp: 1102798

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.0

203 19.2 0.0 38.9

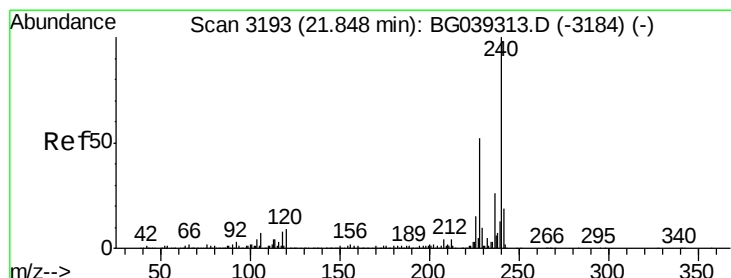
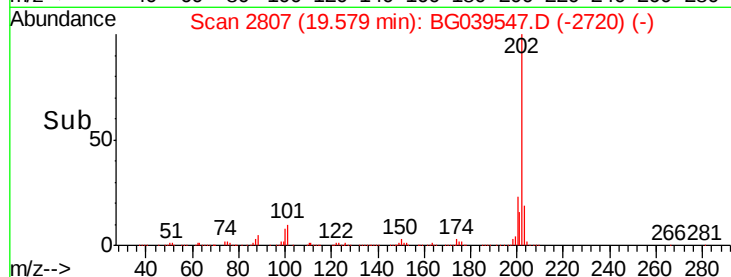
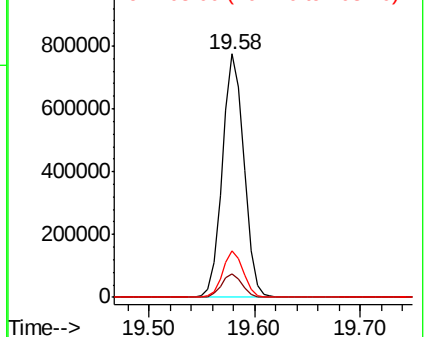


Abundance

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: BG039547.D

Acq: 18 Feb 2019 20:03

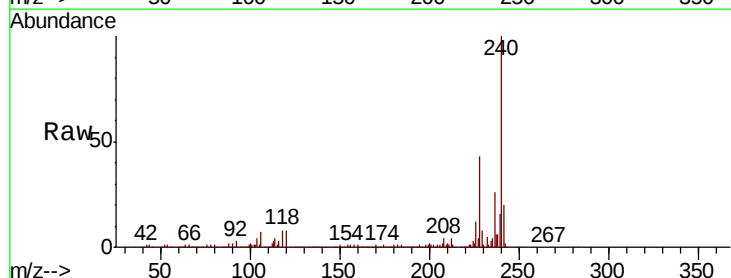
Tgt Ion:240 Resp: 398176

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

236 26.2 21.0 31.4

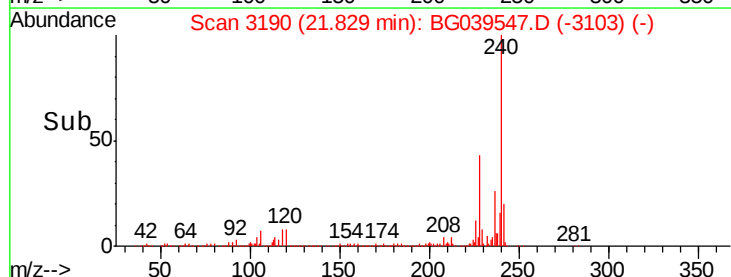
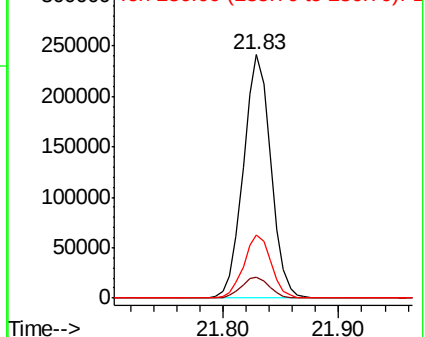


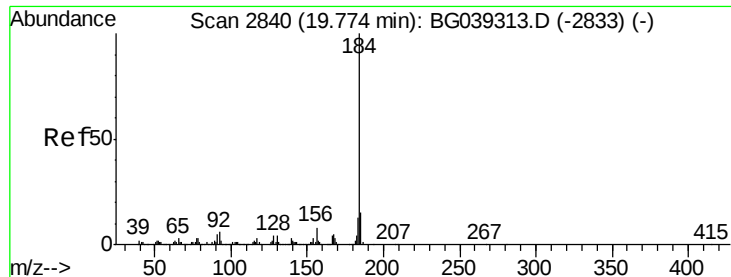
Abundance

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: 8.724 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Instrument :

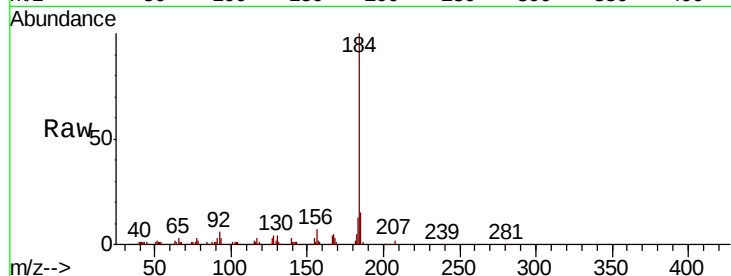
BNA_G

ClientSampleId :

M-12-SMS

Tot Ion:184 Resp: 113888

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.2	18.2
183	13.1	10.6	15.8

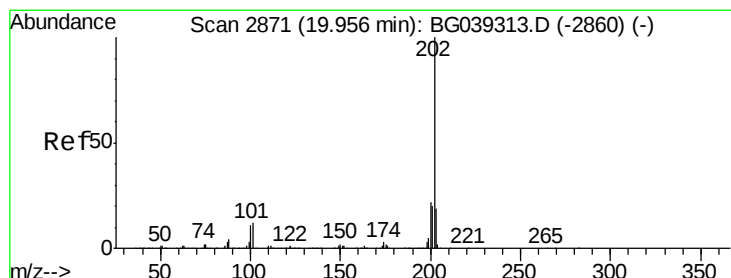
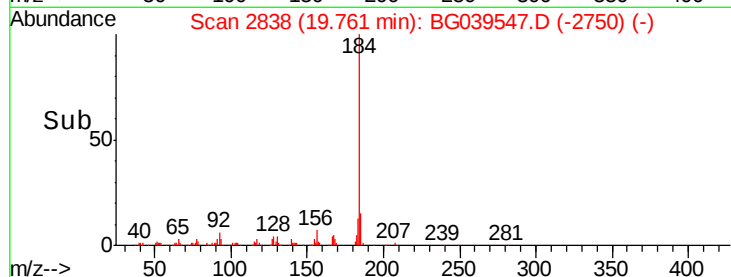
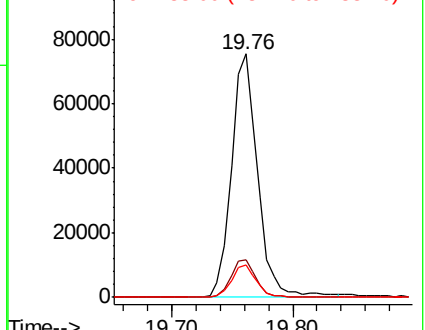


Abundance

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: 44.503 ng

RT: 19.94 min Scan# 2869

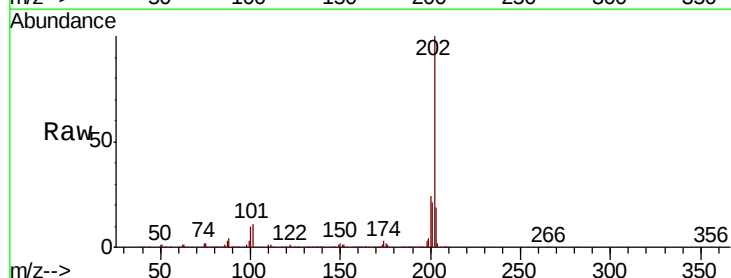
Delta R.T. -0.01 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Tgt Ion:202 Resp: 1103109

Ion	Ratio	Lower	Upper
202	100		
200	23.5	17.8	26.8
203	19.3	15.3	22.9

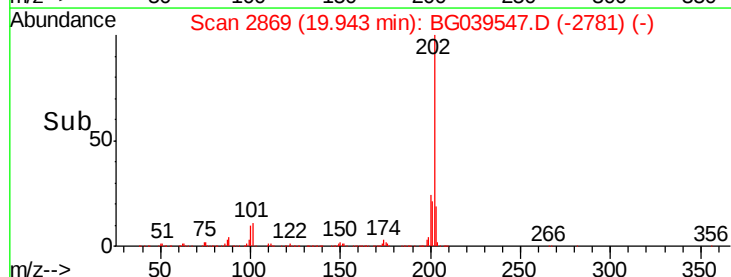
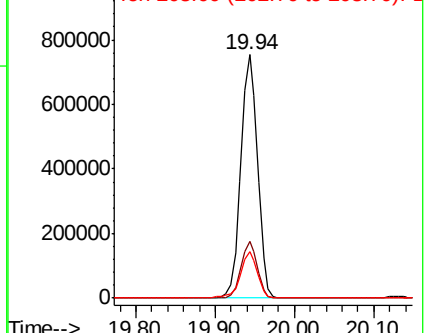


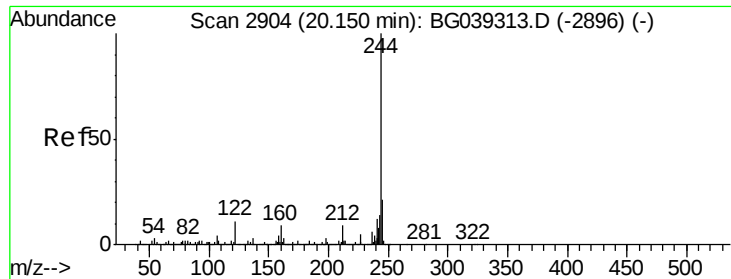
Abundance

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: 81.157 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Instrument :

BNA_G

ClientSampleId :

M-12-SMS

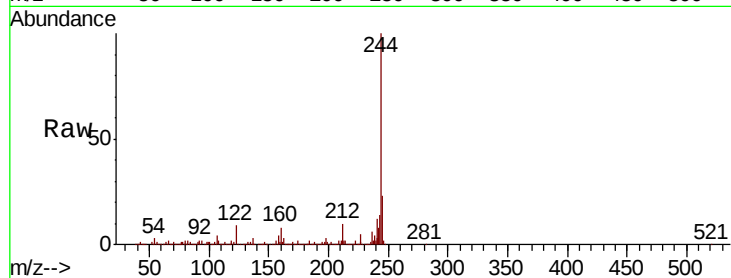
Tot Ion:244 Resp: 1526665

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

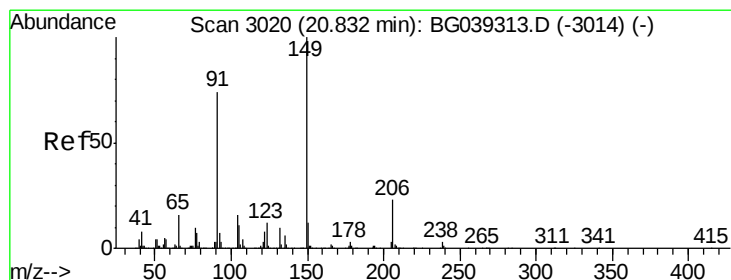
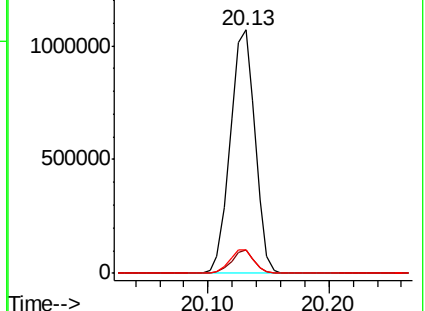
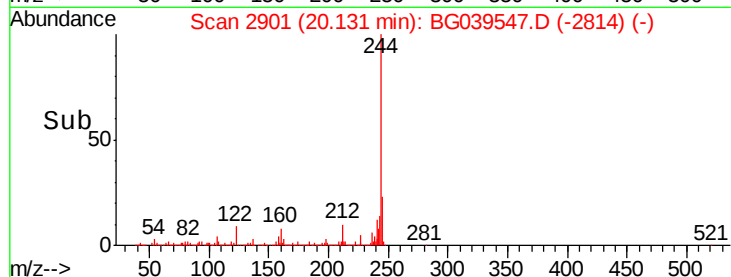
122 9.5 8.4 12.6



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: 44.669 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

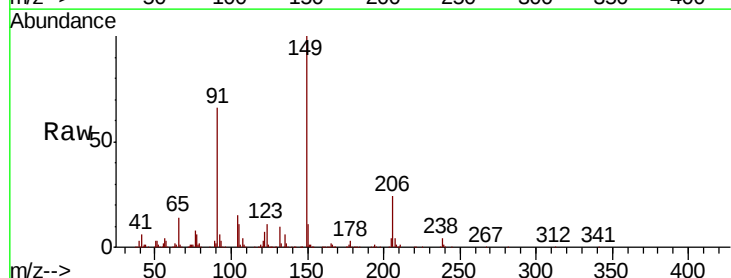
Tgt Ion:149 Resp: 467069

Ion Ratio Lower Upper

149 100

91 65.7 59.5 89.3

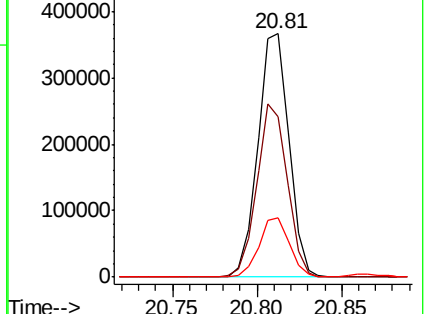
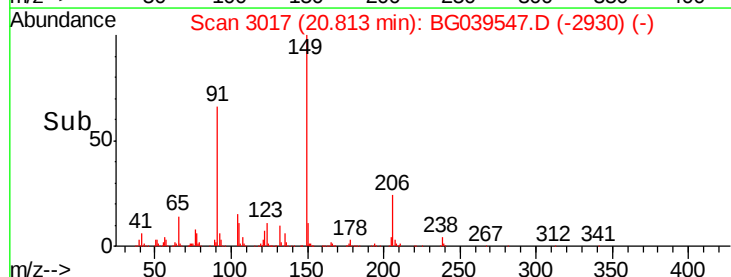
206 24.4 18.6 27.8

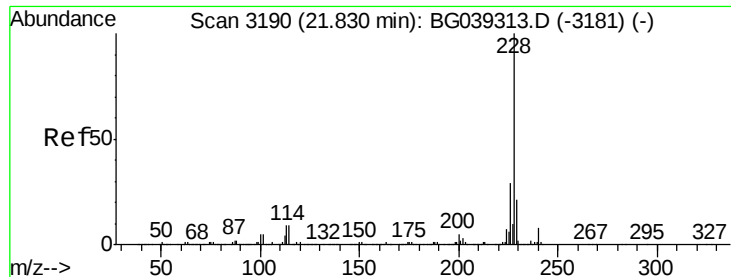


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.972 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.03 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Instrument :

BNA_G

ClientSampleId :

M-12-SMS

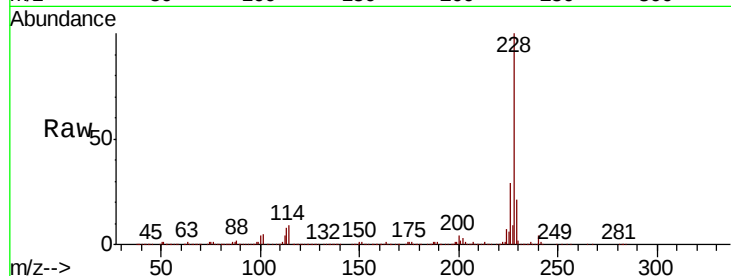
Tot Ion:228 Resp: 1081618

Ion Ratio Lower Upper

228 100

226 28.8 23.0 34.6

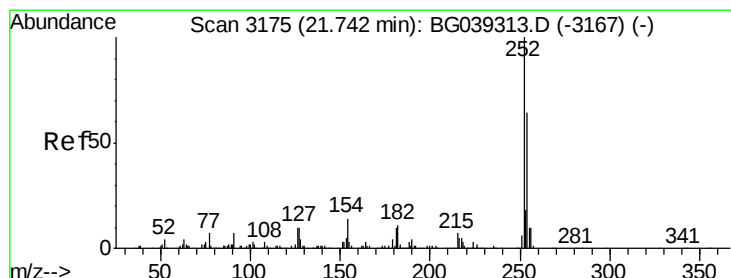
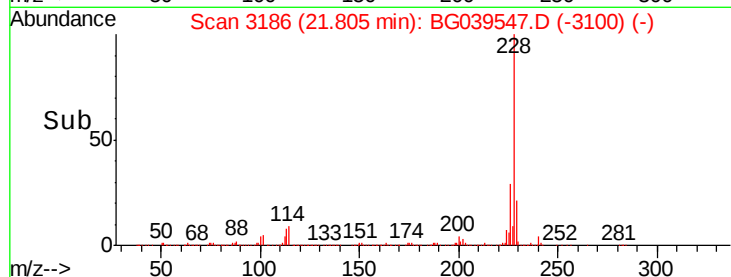
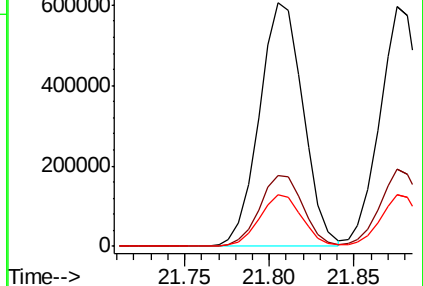
229 21.1 16.9 25.3



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: 14.550 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.03 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

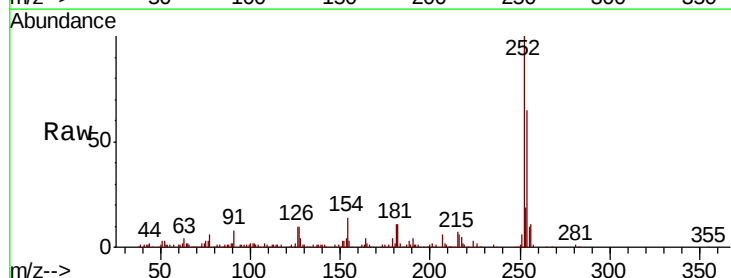
Tgt Ion:252 Resp: 126932

Ion Ratio Lower Upper

252 100

254 65.0 51.3 76.9

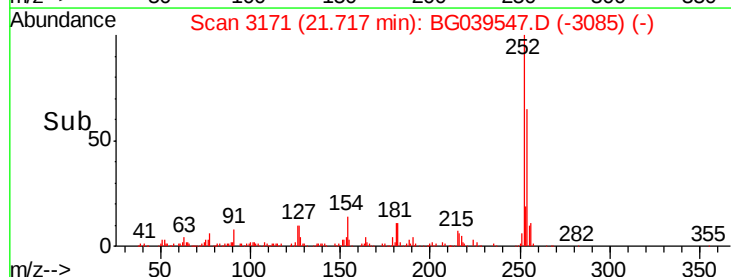
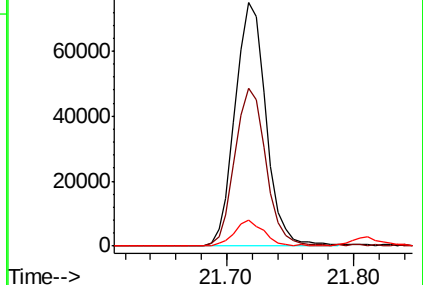
126 10.5 8.0 12.0

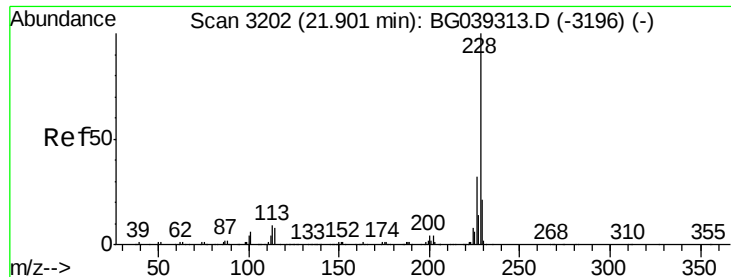


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.044 ng

RT: 21.88 min Scan# 3198

Delta R.T. -0.03 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Instrument :

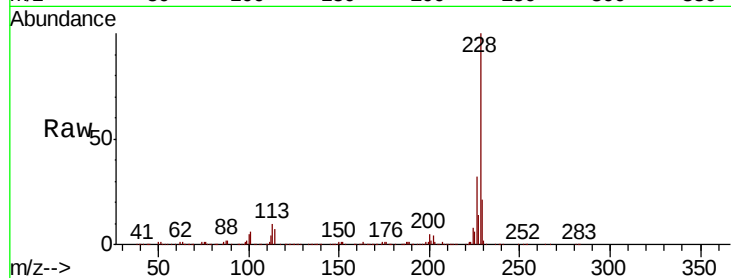
BNA_G

ClientSampleId :

M-12-SMS

Tot Ion:228 Resp: 1008863

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.8	38.6
229	21.4	16.6	25.0



Abundance

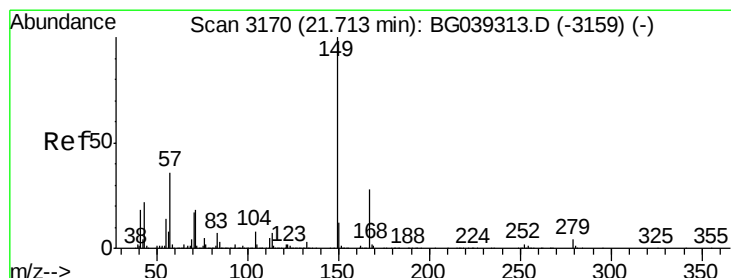
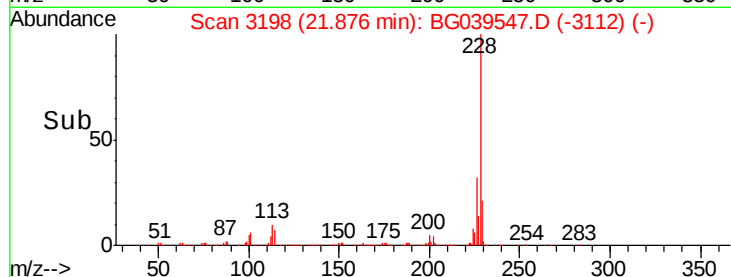
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.88

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.629 ng

RT: 21.68 min Scan# 3164

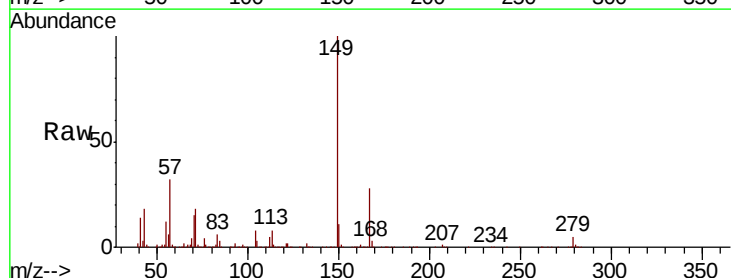
Delta R.T. -0.04 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Tgt Ion:149 Resp: 650826

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.6	34.0
279	5.0	3.5	5.3



Abundance

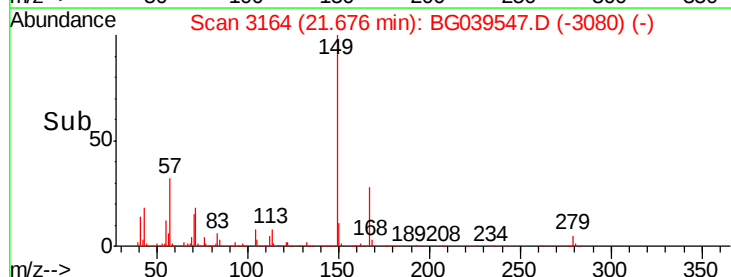
Ion 149.00 (148.70 to 149.70): E

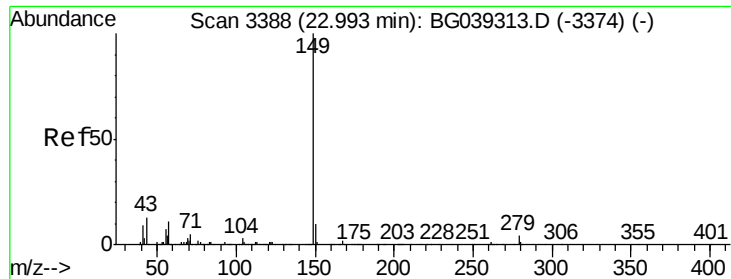
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.68

Time-->





#85

Di-n-octyl phthalate

Concen: 44.894 ng

RT: 22.94 min Scan# 3379

Delta R.T. -0.05 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Instrument :

BNA_G

ClientSampleId :

M-12-SMS

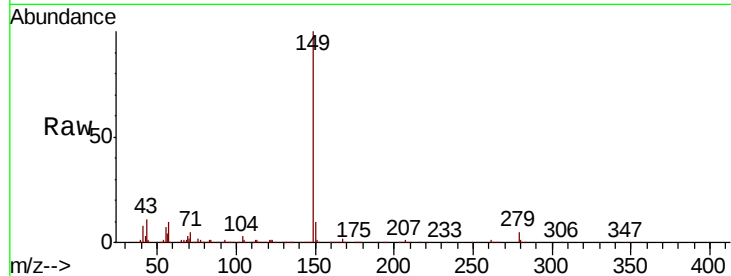
Tot Ion:149 Resp: 1106421

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

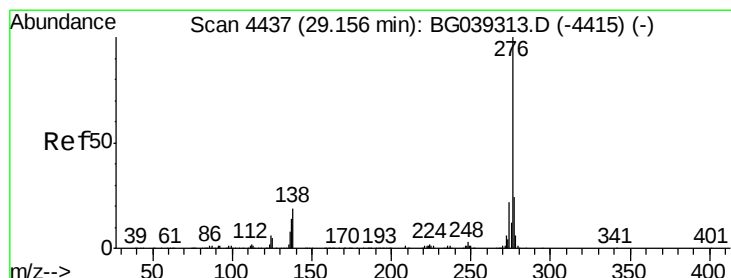
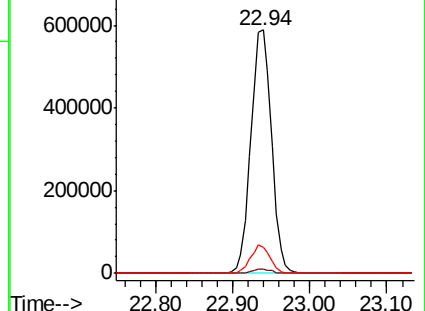
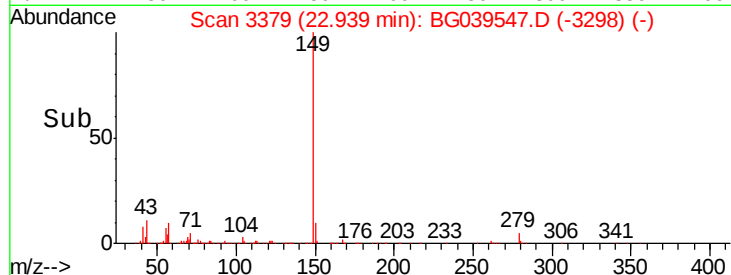
43 11.1 10.2 15.4



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: 46.380 ng

RT: 29.10 min Scan# 4427

Delta R.T. -0.06 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

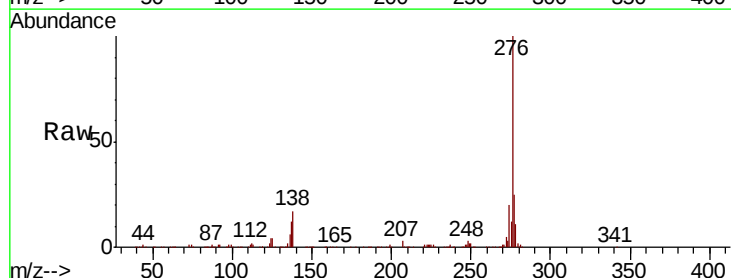
Tgt Ion:276 Resp: 1114533

Ion Ratio Lower Upper

276 100

138 10.4 12.6 19.0#

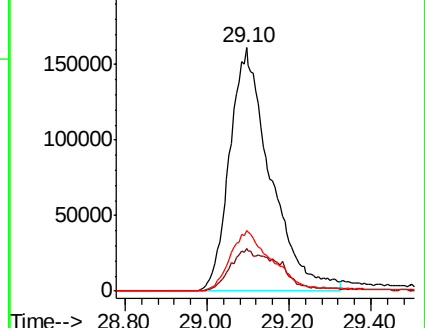
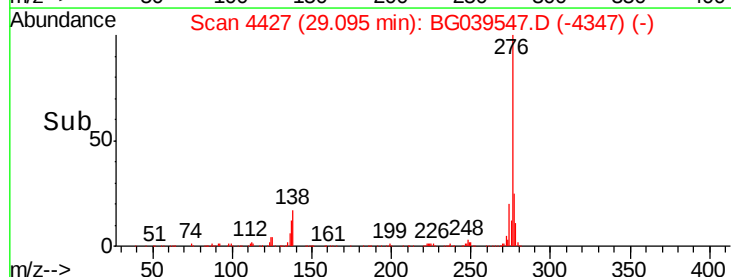
277 25.3 20.8 31.2

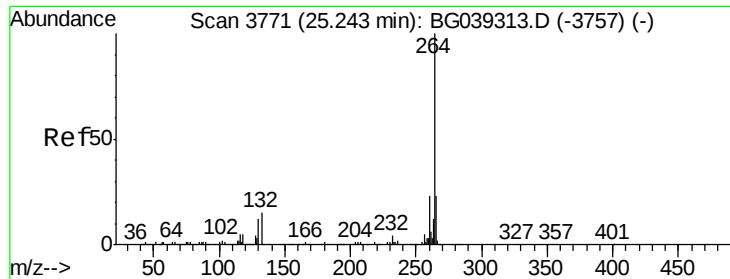


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



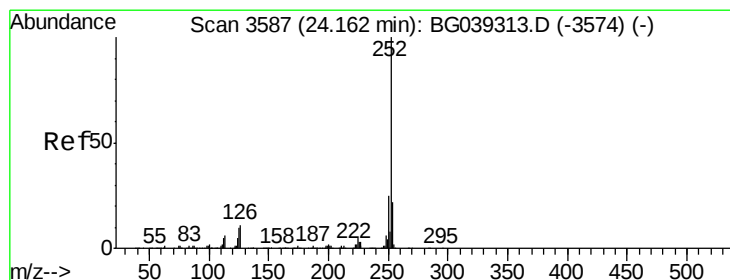
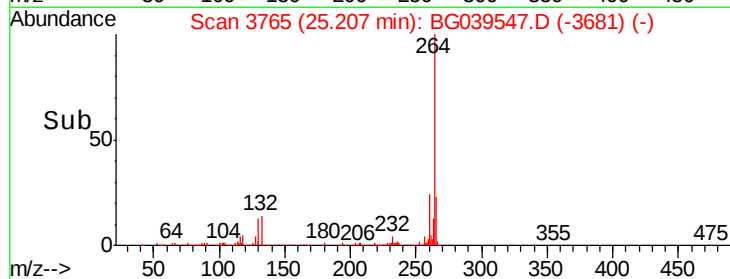
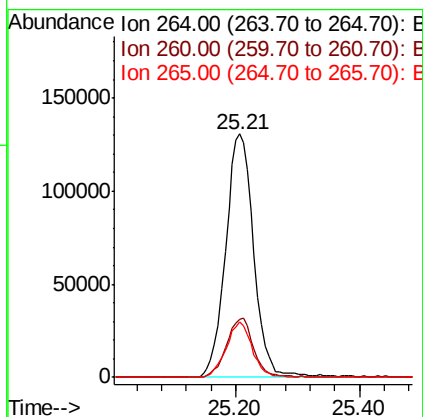
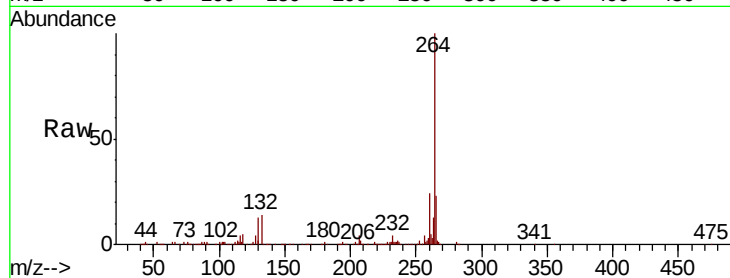


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3765
Delta R.T. -0.04 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Instrument :
BNA_G
ClientSampleId :
M-12-SMS

Tot Ion:264 Resp: 411076

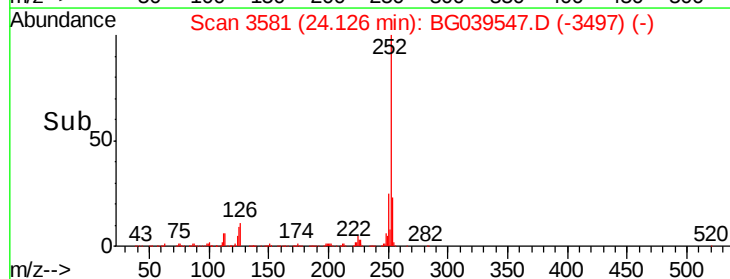
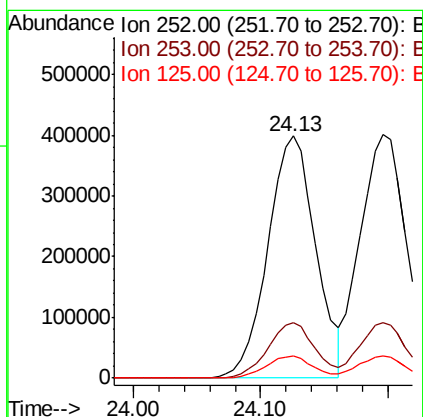
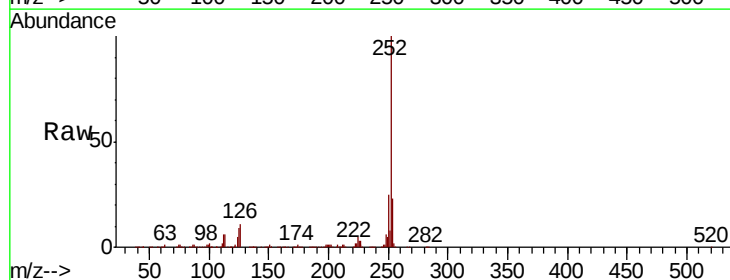
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	22.7	18.5	27.7



#88
Benzo(b)fluoranthene
Concen: 46.673 ng
RT: 24.13 min Scan# 3581
Delta R.T. -0.04 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Tgt Ion:252 Resp: 1046338

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	9.2	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 45.859 ng

RT: 24.20 min Scan# 3593

Delta R.T. -0.04 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

Instrument :

BNA_G

ClientSampleId :

M-12-SMS

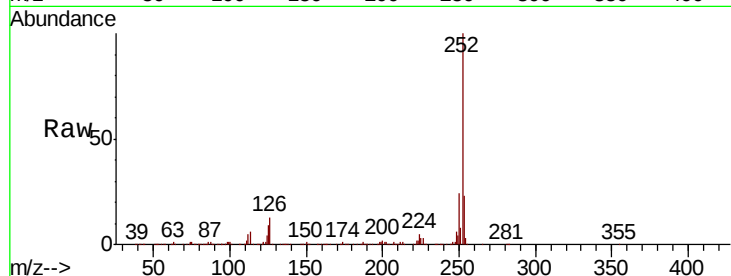
Tot Ion:252 Resp: 1032163

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

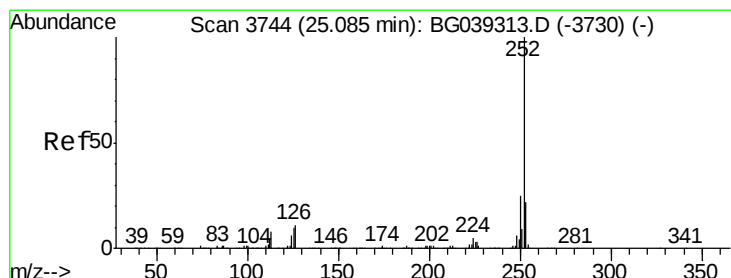
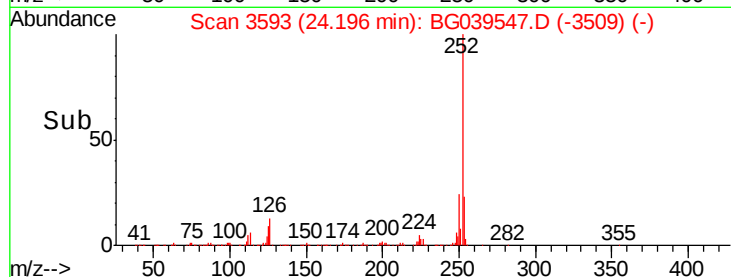
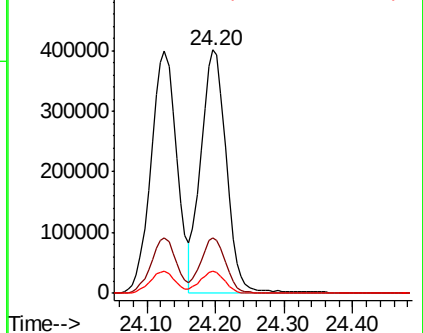
125 9.2 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.506 ng

RT: 25.05 min Scan# 3738

Delta R.T. -0.04 min

Lab File: BG039547.D

Acq: 18 Feb 2019 20:03

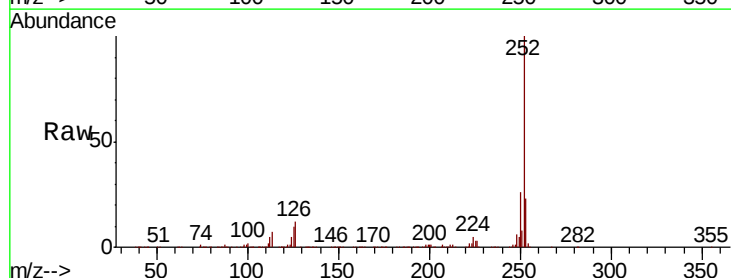
Tgt Ion:252 Resp: 1025680

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

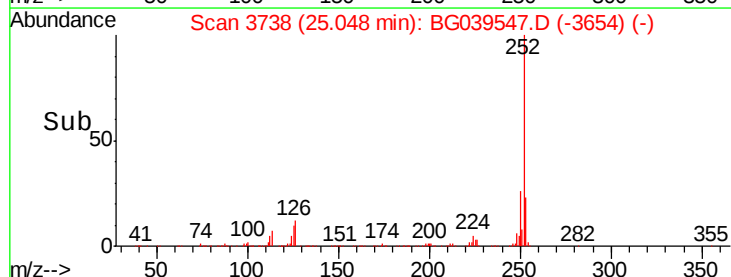
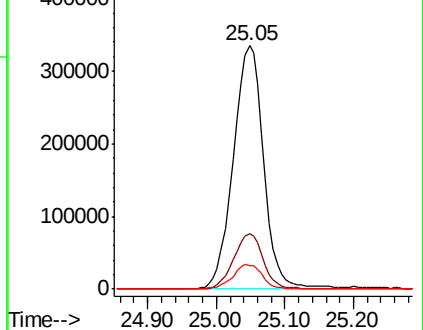
125 9.7 8.3 12.5

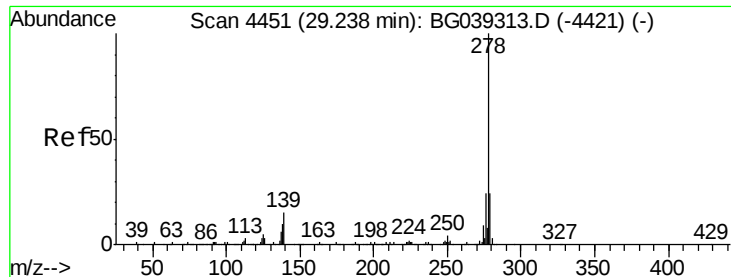


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

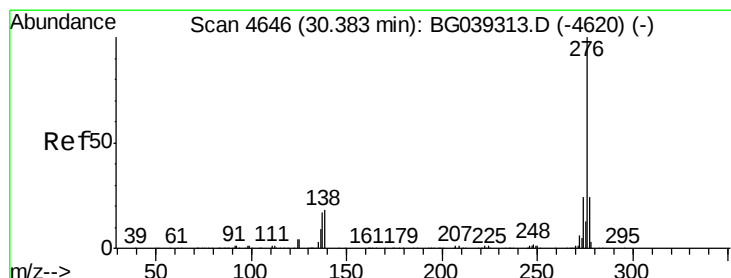
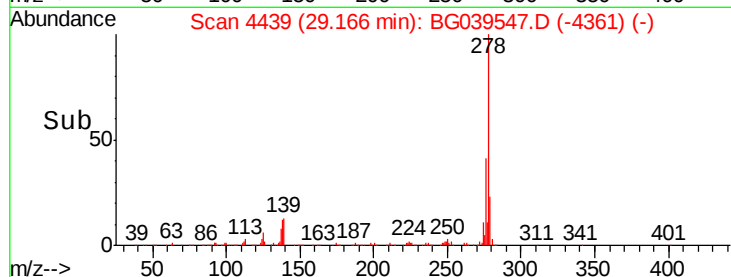
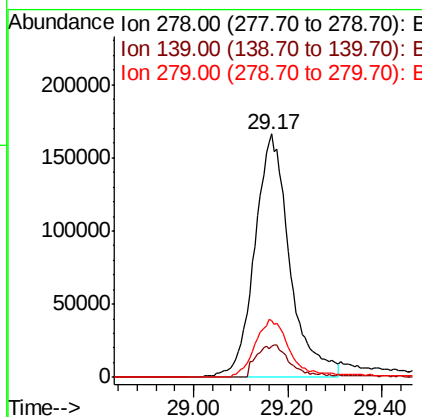
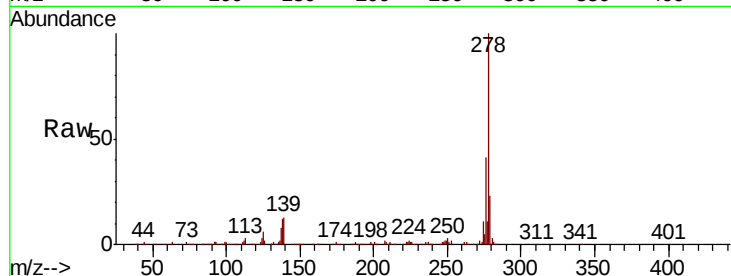




#91
Dibenzo(a,h)anthracene
Concen: 42.741 ng
RT: 29.17 min Scan# 4439
Delta R.T. -0.07 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Instrument :
BNA_G
ClientSampleId :
M-12-SMS

Tot Ion:278 Resp: 864197
Ion Ratio Lower Upper
278 100
139 12.6 11.7 17.5
279 23.4 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 45.187 ng
RT: 30.32 min Scan# 4636
Delta R.T. -0.06 min
Lab File: BG039547.D
Acq: 18 Feb 2019 20:03

Tgt Ion:276 Resp: 910674
Ion Ratio Lower Upper
276 100
277 24.5 19.6 29.4
138 18.5 14.7 22.1

