

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
 Data File : BG040983.D
 Acq On : 31 May 2019 17:58
 Operator : HP/JU
 Sample : PB118819BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BSD

Quant Time: Jun 01 05:14:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	58860	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	241300	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	174035	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	469509	20.00	ng	0.00
76) Chrysene-d12	21.78	240	481382	20.00	ng	0.00
87) Perylene-d12	25.12	264	434913	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	416184	127.50	ng	0.00
7) Phenol-d6	7.27	99	576529	114.36	ng	0.00
23) Nitrobenzene-d5	9.30	82	445335	81.93	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	313188	121.22	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	974427	80.63	ng	0.00
79) Terphenyl-d14	20.09	244	1877304	82.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	50149	33.857	ng	# 89
3) Pyridine	3.92	79	138540	31.609	ng	97
4) n-Nitrosodimethylamine	3.85	42	78497	38.590	ng	89
6) Aniline	7.44	93	146269	21.737	ng	98
8) 2-Chlorophenol	7.68	128	147143	37.811	ng	96
9) Benzaldehyde	7.25	77	42486	14.128	ng	86
10) Phenol	7.30	94	197803	36.595	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	137738	35.127	ng	99
12) 1,3-Dichlorobenzene	8.01	146	158876	34.183	ng	96
13) 1,4-Dichlorobenzene	8.16	146	160408	34.095	ng	98
14) 1,2-Dichlorobenzene	8.48	146	152654	33.418	ng	98
15) Benzyl Alcohol	8.36	79	168382	36.108	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.65	45	219404	34.242	ng	96
17) 2-Methylphenol	8.55	107	138292	35.336	ng	96
18) Hexachloroethane	9.20	117	60441	33.333	ng	94
19) n-Nitroso-di-n-propylamine	8.92	70	127524	32.872	ng	95
20) 3+4-Methylphenols	8.88	107	188237	34.723	ng	96
22) Acetophenone	8.95	105	239862	35.436	ng	# 99
24) Nitrobenzene	9.35	77	200348	36.169	ng	99
25) Isophorone	9.86	82	362028	34.998	ng	99
26) 2-Nitrophenol	10.05	139	87069	38.129	ng	91
27) 2,4-Dimethylphenol	10.09	122	150038	39.783	ng	92
28) bis(2-Chloroethoxy)methane	10.34	93	191454	34.293	ng	99
29) 2,4-Dichlorophenol	10.58	162	169079	35.304	ng	97
30) 1,2,4-Trichlorobenzene	10.80	180	183526	33.686	ng	94
31) Naphthalene	11.00	128	457153	35.286	ng	99
32) Benzoic acid	10.22	122	93204	34.530	ng	93
33) 4-Chloroaniline	11.10	127	104767	17.428	ng	97
34) Hexachlorobutadiene	11.26	225	137354	32.949	ng	98
35) Caprolactam	11.88	113	53354	33.736	ng	90
36) 4-Chloro-3-methylphenol	12.21	107	191795	35.066	ng	95
37) 2-Methylnaphthalene	12.59	142	342703	34.345	ng	97
38) 1-Methylnaphthalene	12.59	142	342703	36.447	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	249299	35.540	ng	99

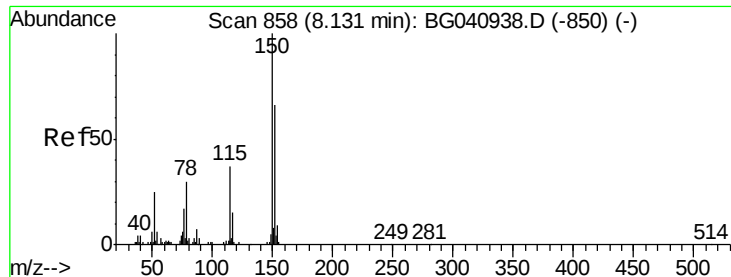
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	263416	70.903	nq	98
43) 2,4,6-Trichlorophenol	13.19	196	161195	35.523	nq	98
44) 2,4,5-Trichlorophenol	13.26	196	172208	35.984	nq	93
46) 1,1'-Biphenyl	13.59	154	466490	36.211	nq	99
47) 2-Chloronaphthalene	13.63	162	377999	34.179	nq	99
48) 2-Nitroaniline	13.85	65	139975	35.280	nq	97
49) Acenaphthylene	14.48	152	597168	35.877	nq	100
50) Dimethylphthalate	14.20	163	516882	35.085	nq	99
51) 2,6-Dinitrotoluene	14.33	165	115559	36.381	nq	99
52) Acenaphthene	14.82	154	352707	34.979	nq	97
53) 3-Nitroaniline	14.66	138	77095	24.272	nq	# 94
54) 2,4-Dinitrophenol	14.87	184	128185	78.222	nq	94
55) Dibenzofuran	15.15	168	616191	36.317	nq	100
56) 4-Nitrophenol	14.96	139	182545	83.789	nq	90
57) 2,4-Dinitrotoluene	15.12	165	165651	36.919	nq	# 96
58) Fluorene	15.80	166	483413	35.776	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.37	232	182500	38.804	nq	99
60) Diethylphthalate	15.55	149	527882	35.111	nq	98
61) 4-Chlorophenyl-phenylether	15.79	204	301679	34.349	nq	97
62) 4-Nitroaniline	15.83	138	118018	35.097	nq	98
63) Azobenzene	16.08	77	499265	36.537	nq	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	94234	39.342	nq	99
66) n-Nitrosodiphenylamine	16.00	169	446698	33.845	nq	99
67) 4-Bromophenyl-phenylether	16.68	248	200846	31.698	nq	98
68) Hexachlorobenzene	16.79	284	211334	31.322	nq	98
69) Atrazine	16.94	200	190913	37.488	nq	97
70) Pentachlorophenol	17.14	266	262114	72.917	nq	97
71) Phenanthrene	17.54	178	852251	34.848	nq	98
72) Anthracene	17.63	178	861735	35.727	nq	99
73) Carbazole	17.90	167	775740	37.482	nq	100
74) Di-n-butylphthalate	18.44	149	905755	35.212	nq	99
75) Fluoranthene	19.54	202	1138742	37.698	nq	99
77) Benzidine	19.72	184	355493	30.957	nq	98
78) Pyrene	19.90	202	1143947	36.556	nq	99
80) Butylbenzylphthalate	20.77	149	433006	35.557	nq	98
81) Benzo(a)anthracene	21.75	228	1112819	34.728	nq	98
82) 3,3'-Dichlorobenzidine	21.67	252	283630	25.166	nq	97
83) Chrysene	21.83	228	1093322	35.654	nq	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	591409	34.499	nq	99
85) Di-n-octyl phthalate	22.87	149	1001413	35.075	nq	100
86) Indeno(1,2,3-cd)pyrene	28.96	276	1307716	34.814	nq	# 98
88) Benzo(b)fluoranthene	24.05	252	1133984	42.988	nq	99
89) Benzo(k)fluoranthene	24.12	252	1098998	42.101	nq	98
90) Benzo(a)pyrene	24.96	252	1096008	43.549	nq	98
91) Dibenzo(a,h)anthracene	29.03	278	1073468	42.687	nq	97
92) Benzo(g,h,i)perylene	30.16	276	1076608	44.066	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

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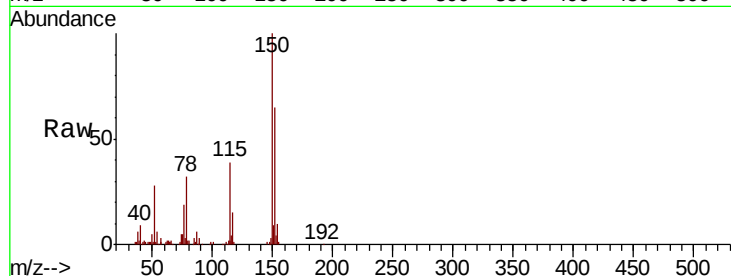
Tot Ion:152 Resp: 58860

Ion Ratio Lower Upper

152 100

150 153.7 120.6 180.8

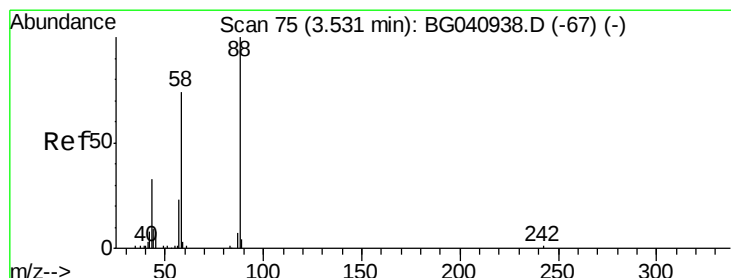
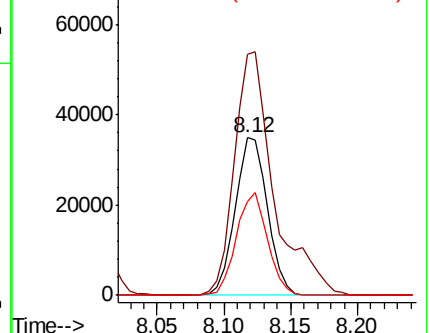
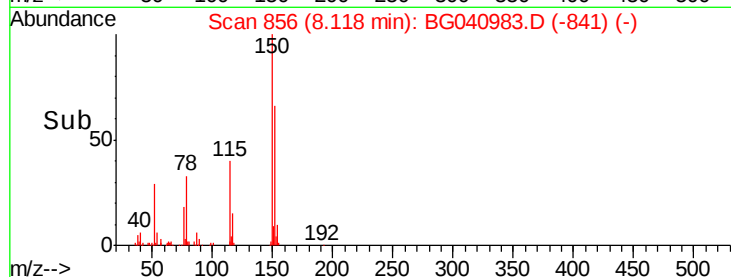
115 59.5 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.857 ng

RT: 3.52 min Scan# 73

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

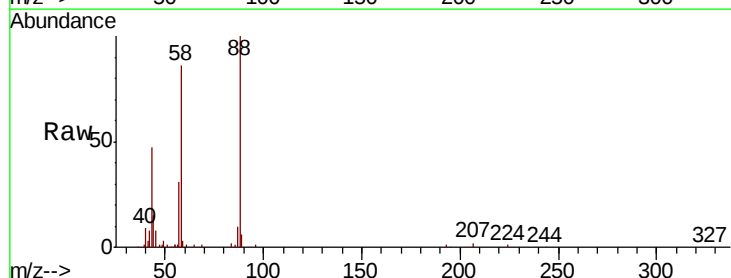
Tgt Ion: 88 Resp: 50149

Ion Ratio Lower Upper

88 100

58 81.3 59.0 88.6

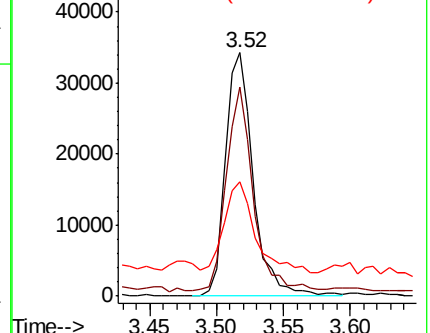
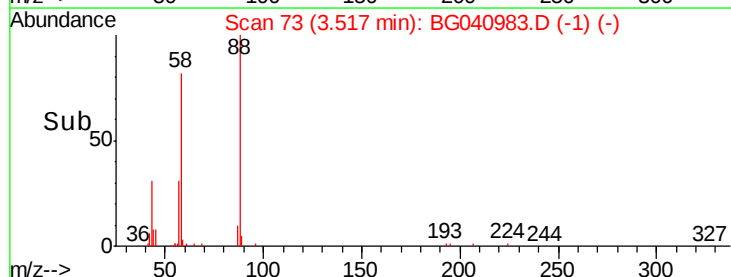
43 42.1 27.2 40.8#

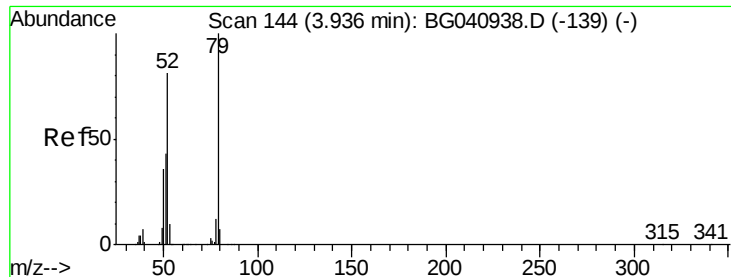


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.609 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB118819BSD

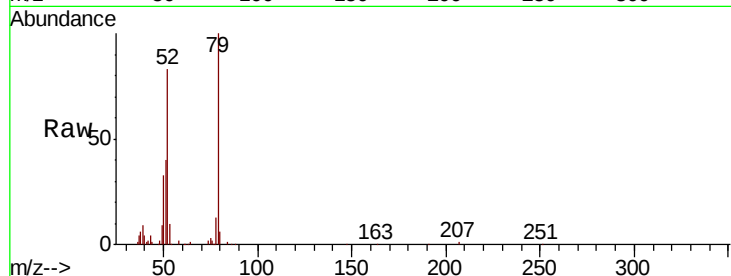
Tot Ion: 79 Resp: 138540

Ion Ratio Lower Upper

79 100

52 82.7 64.8 97.2

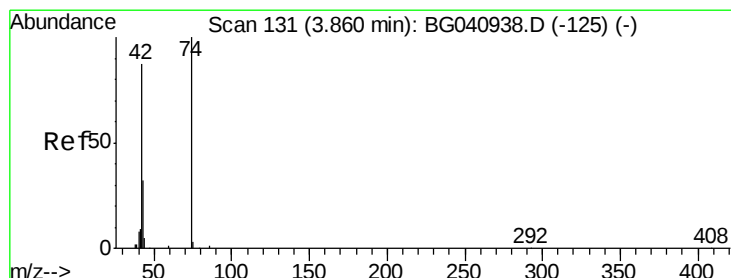
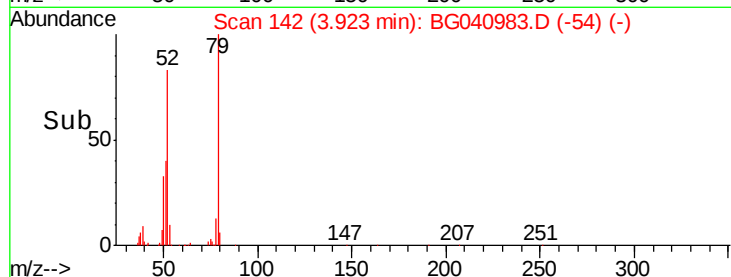
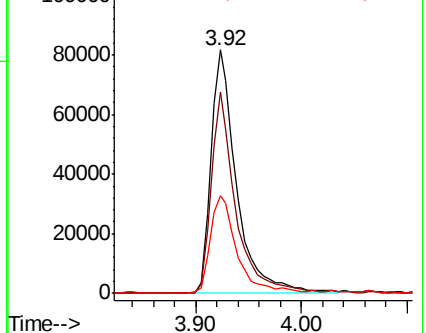
51 40.3 35.3 52.9



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: 38.590 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

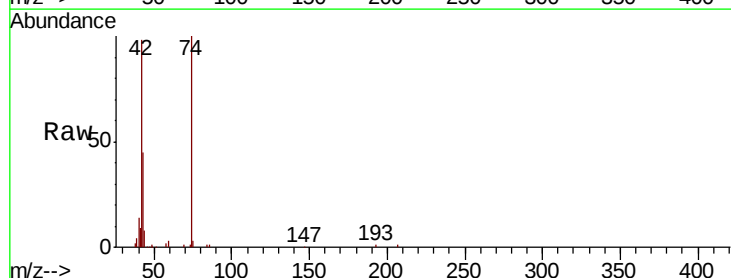
Tgt Ion: 42 Resp: 78497

Ion Ratio Lower Upper

42 100

74 102.1 91.8 137.6

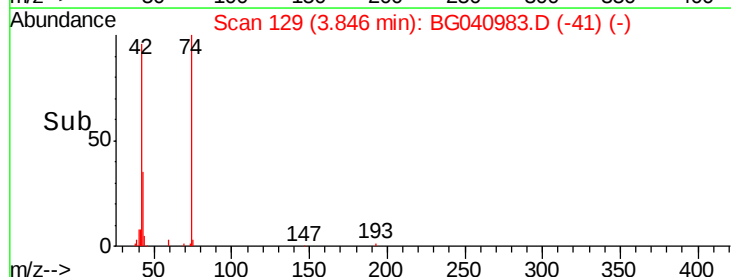
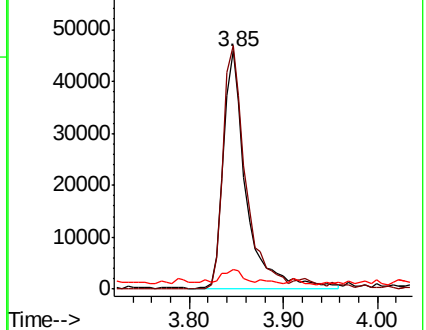
44 8.3 6.0 9.0

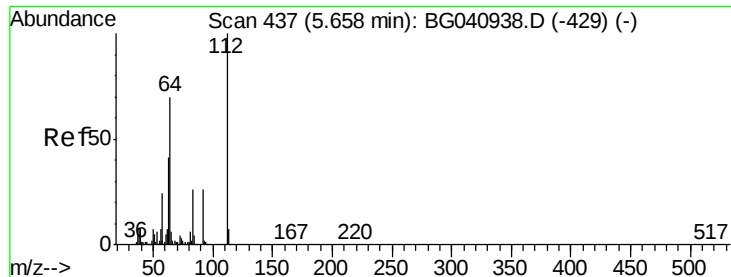


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 127.500 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

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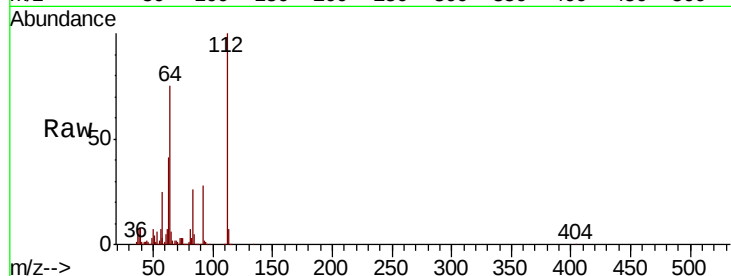
Tot Ion:112 Resp: 416184

Ion Ratio Lower Upper

112 100

64 74.7 56.2 84.2

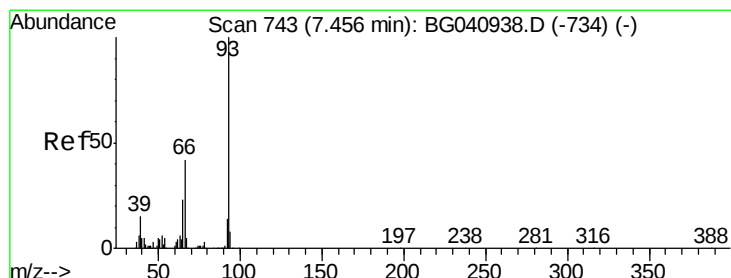
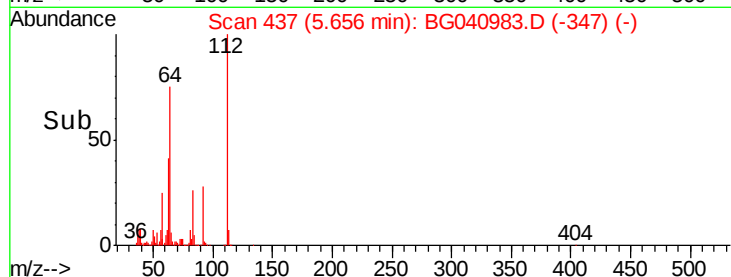
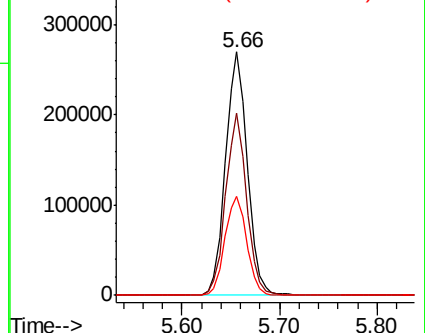
63 40.6 32.8 49.2



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: 21.737 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

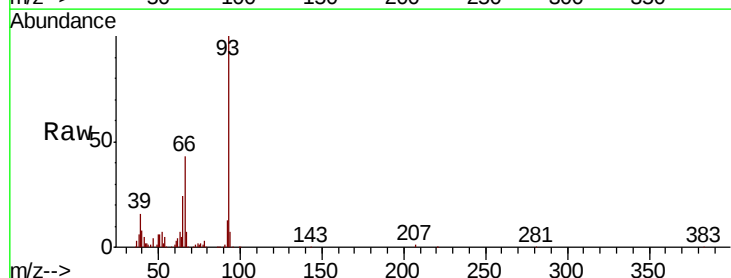
Tgt Ion: 93 Resp: 146269

Ion Ratio Lower Upper

93 100

66 43.1 33.8 50.8

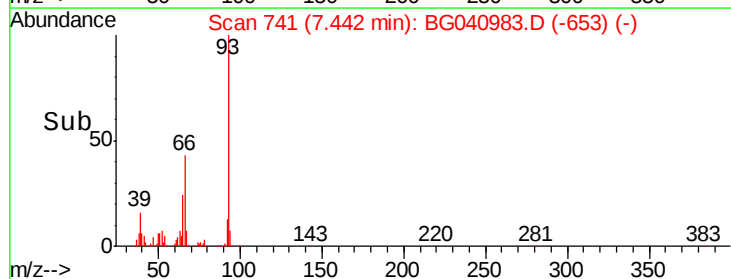
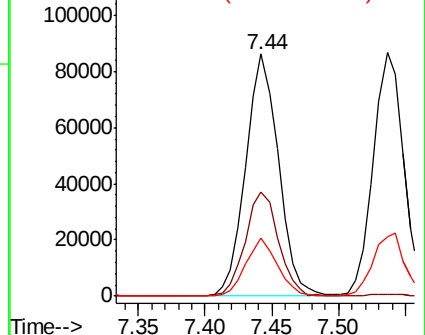
65 24.1 18.3 27.5

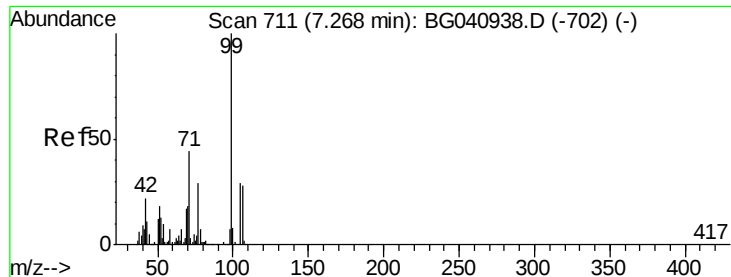


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 114.364 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

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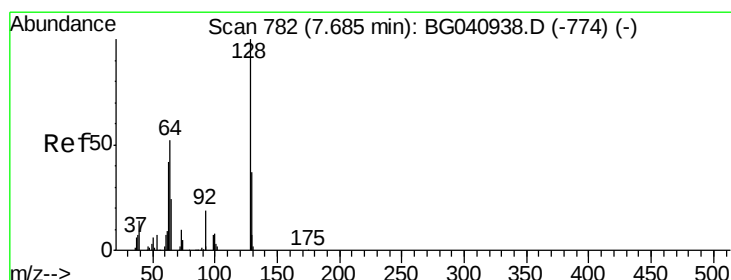
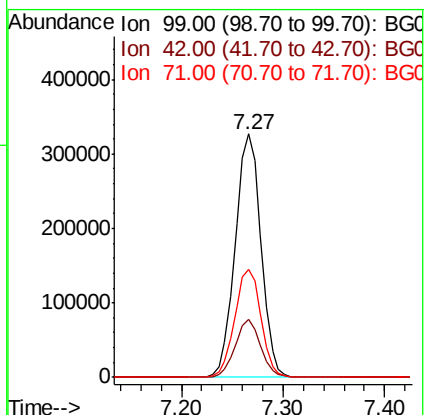
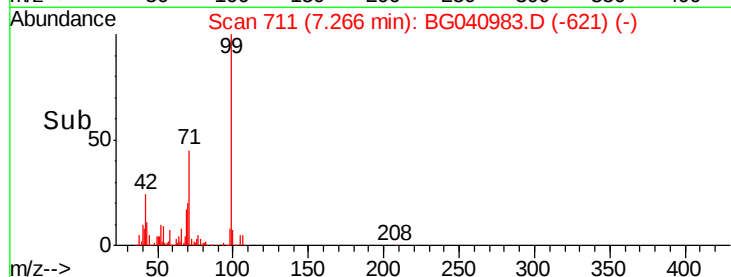
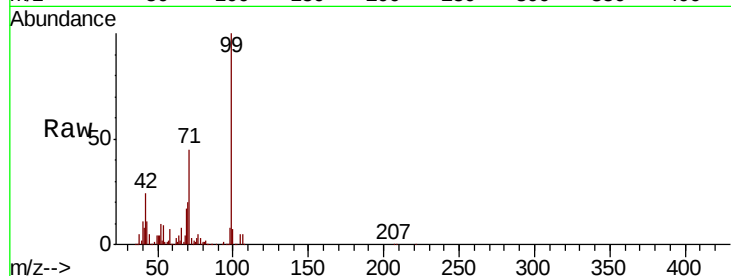
Tot Ion: 99 Resp: 576529

Ion Ratio Lower Upper

99 100

42 24.0 17.9 26.9

71 44.5 35.4 53.0



#8

2-Chlorophenol

Concen: 37.811 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

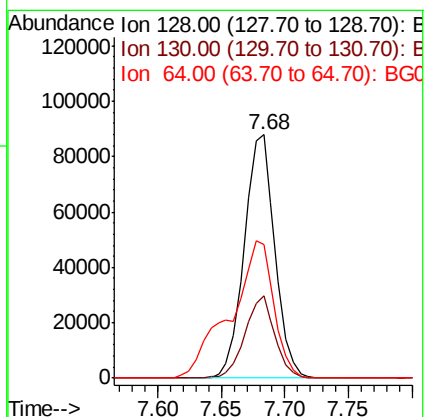
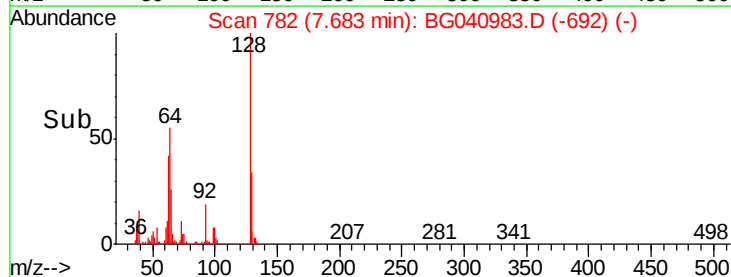
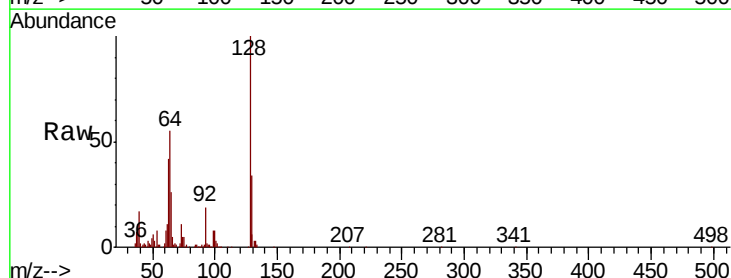
Tgt Ion: 128 Resp: 147143

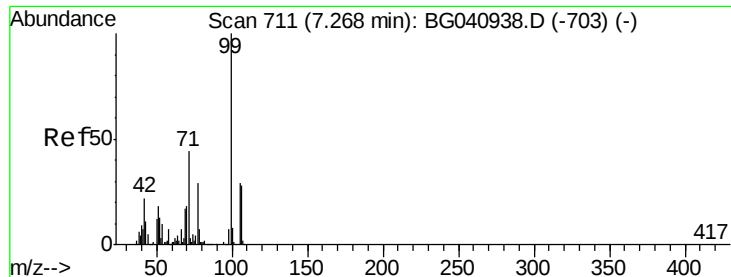
Ion Ratio Lower Upper

128 100

130 33.8 16.6 56.6

64 55.1 37.8 77.8





#9

Benzaldehyde

Concen: 14.128 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

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Acq: 31 May 2019 17:58

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BNA_G

ClientSampleId :

PB118819BSD

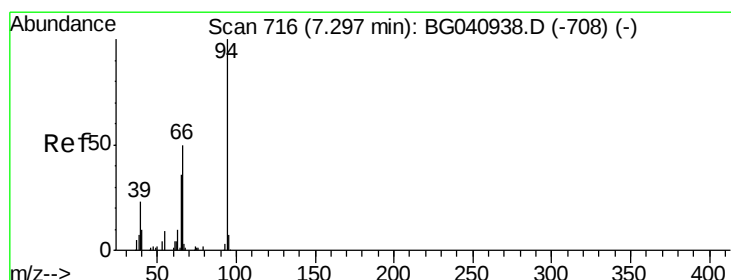
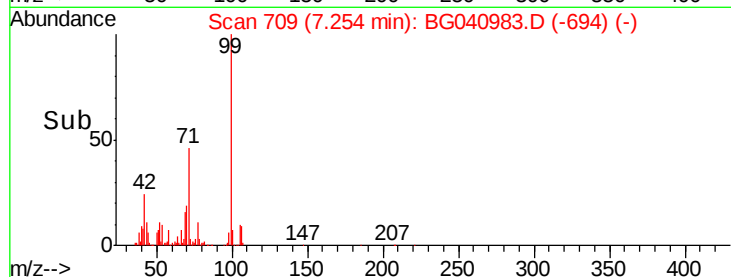
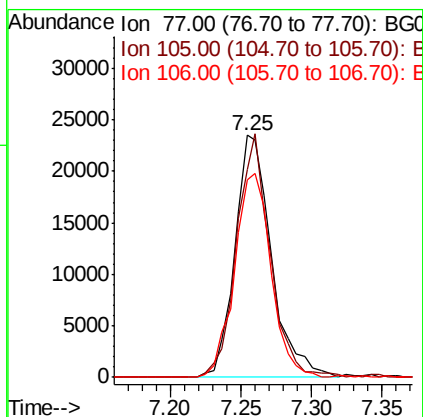
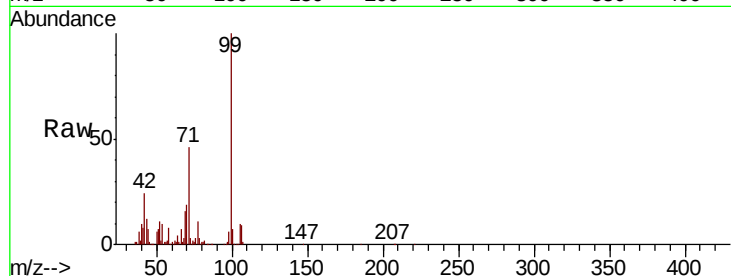
Tot Ion: 77 Resp: 42486

Ion Ratio Lower Upper

77 100

105 85.7 78.9 118.9

106 81.7 76.7 116.7



#10

Phenol

Concen: 36.595 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

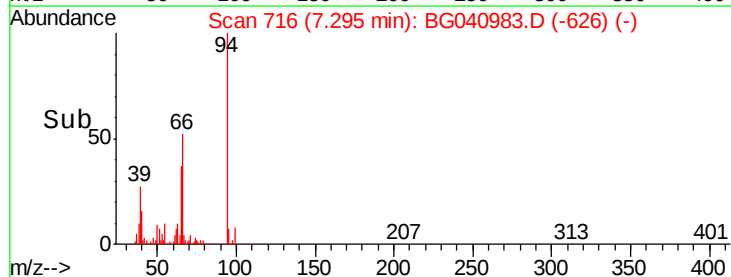
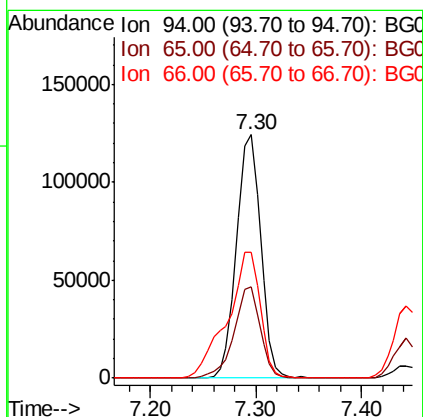
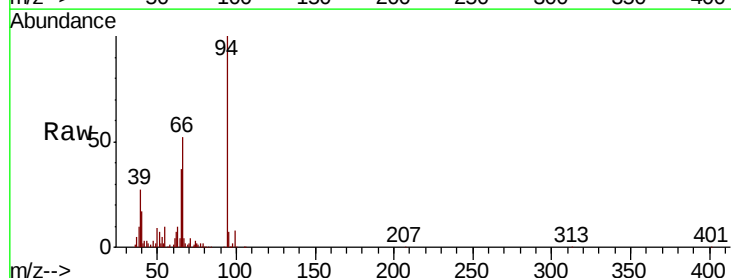
Tgt Ion: 94 Resp: 197803

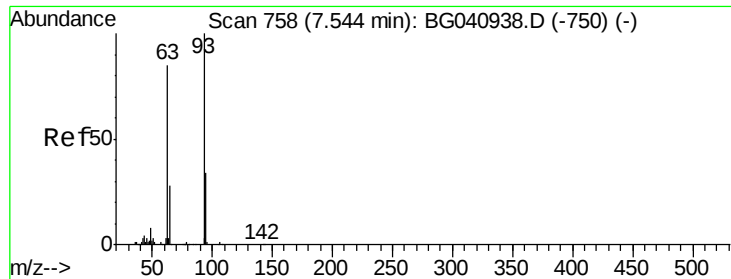
Ion Ratio Lower Upper

94 100

65 37.4 17.0 57.0

66 51.5 32.4 72.4

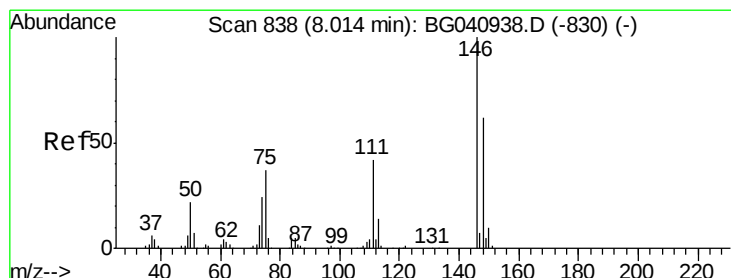
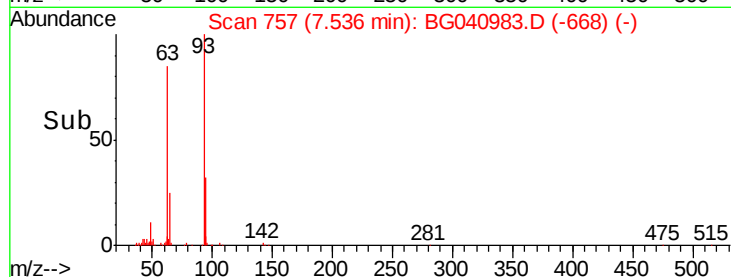
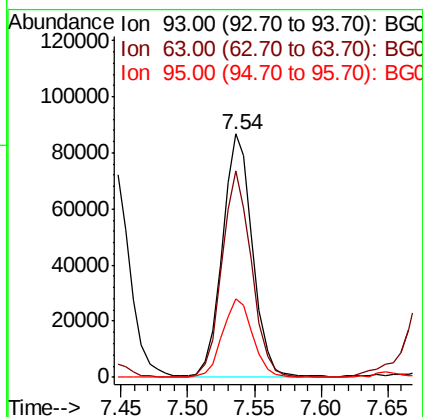
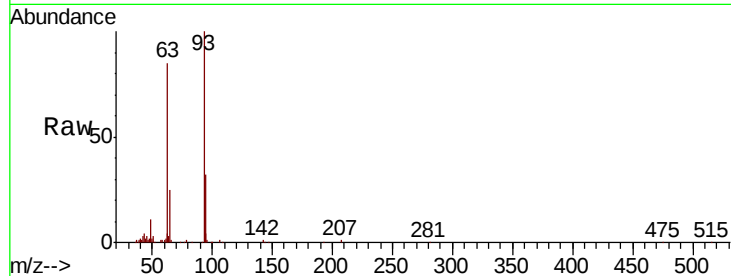




#11
bis(2-Chloroethyl)ether
Concen: 35.127 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

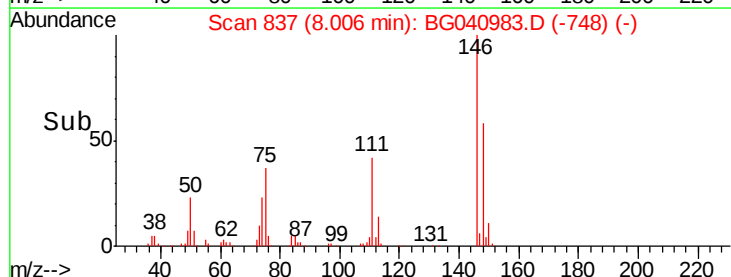
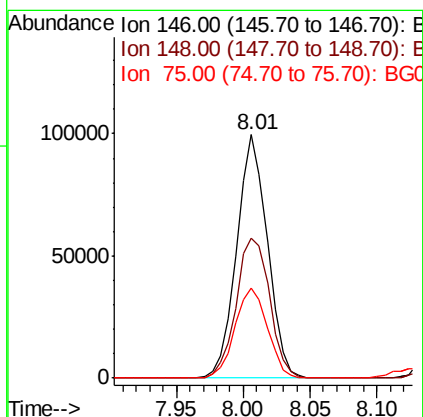
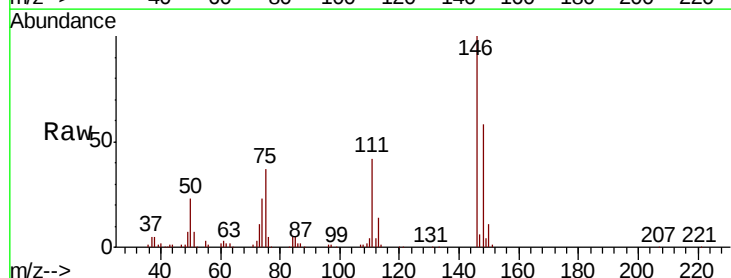
Instrument :
BNA_G
ClientSampleId :
PB118819BSD

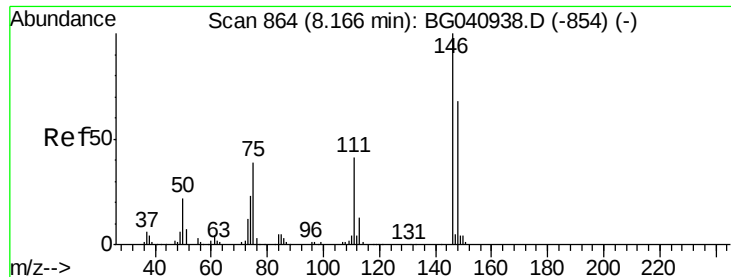
Tot Ion: 93 Resp: 137738
Ion Ratio Lower Upper
93 100
63 84.7 64.5 104.5
95 32.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 34.183 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

Tgt Ion: 146 Resp: 158876
Ion Ratio Lower Upper
146 100
148 57.6 49.2 73.8
75 37.2 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 34.095 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB118819BSD

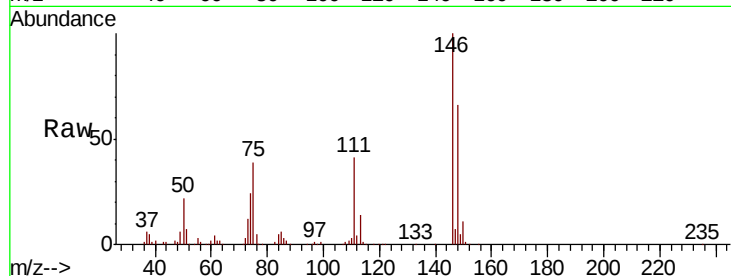
Tot Ion:146 Resp: 160408

Ion Ratio Lower Upper

146 100

148 65.8 54.2 81.4

111 40.8 32.9 49.3

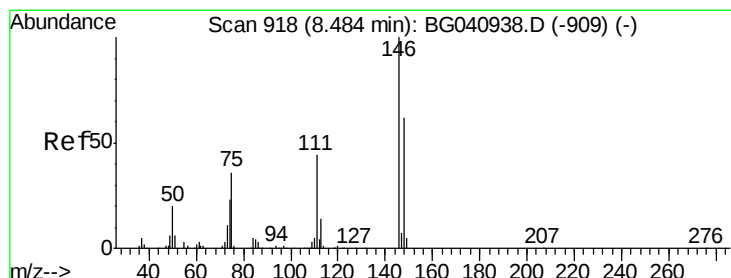
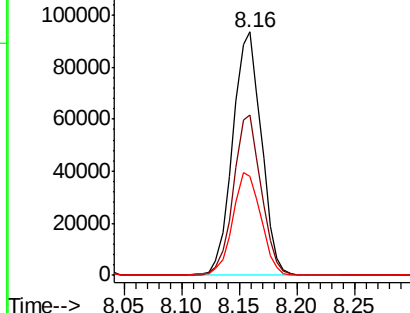
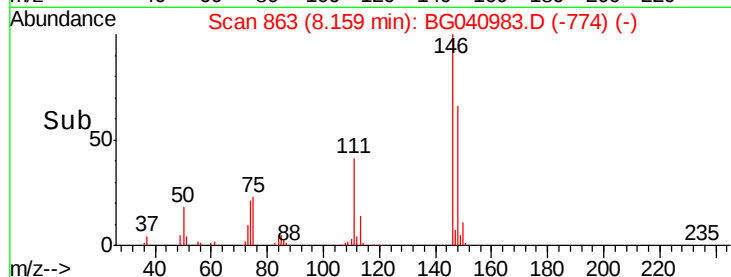


Abundance

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: 33.418 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

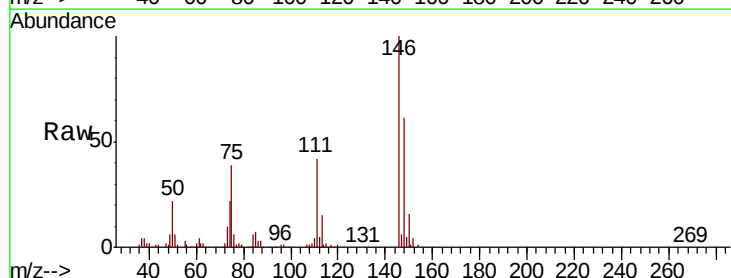
Tgt Ion:146 Resp: 152654

Ion Ratio Lower Upper

146 100

148 61.2 49.8 74.6

111 42.5 35.0 52.4

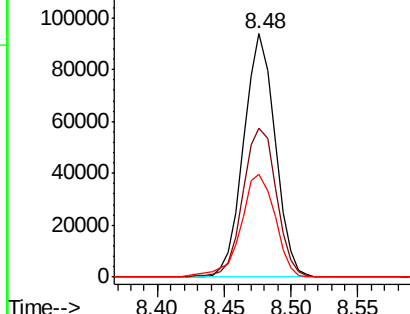
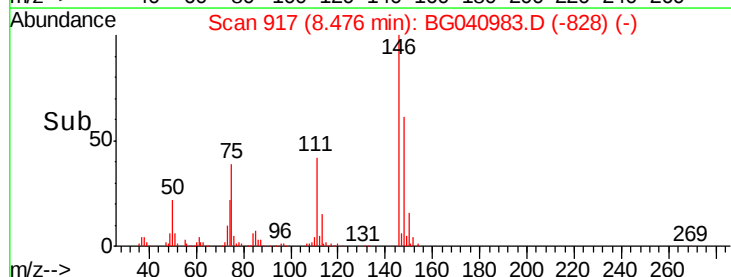


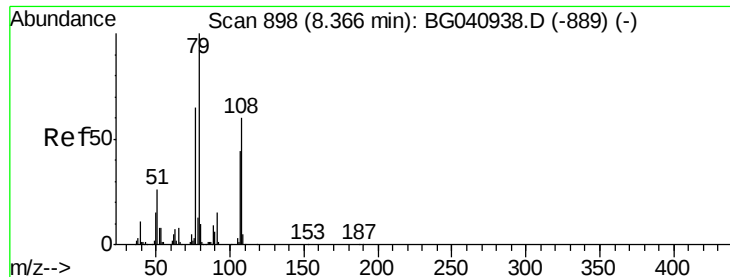
Abundance

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: 36.108 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB118819BSD

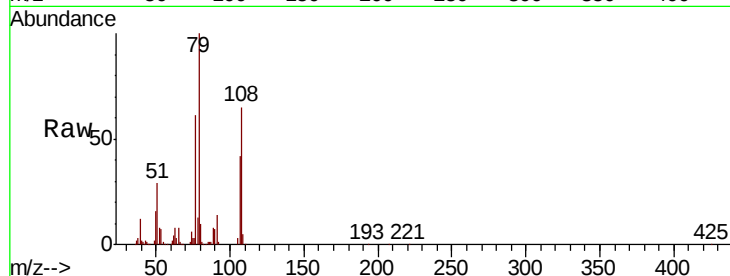
Tot Ion: 79 Resp: 168382

Ion Ratio Lower Upper

79 100

108 65.0 48.3 72.5

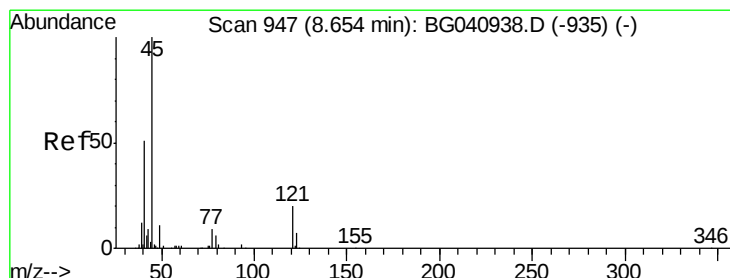
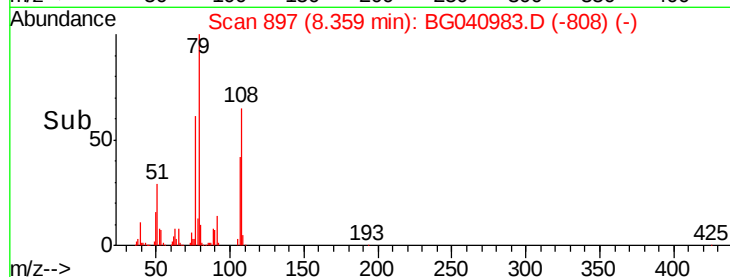
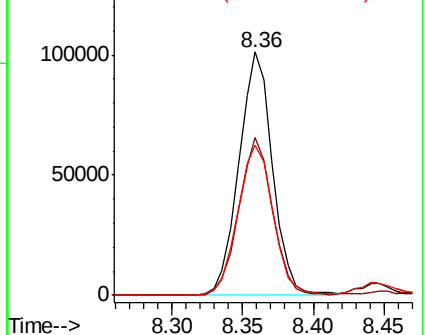
77 61.5 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.242 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

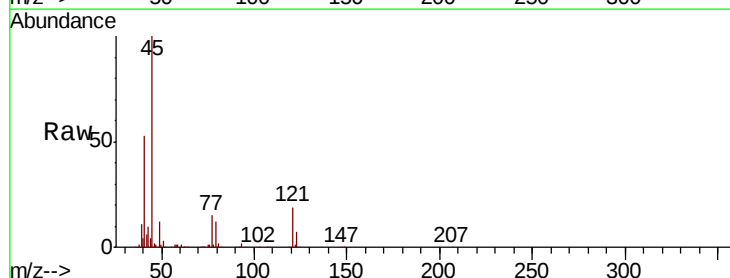
Tgt Ion: 45 Resp: 219404

Ion Ratio Lower Upper

45 100

77 15.0 0.0 33.7

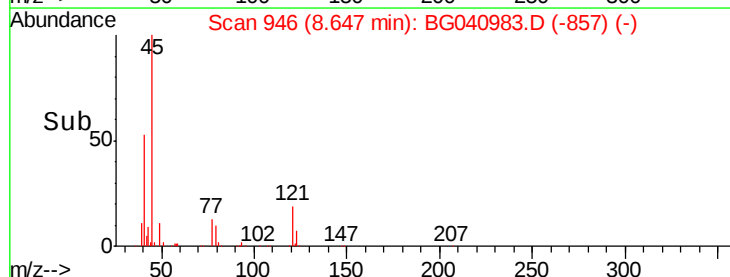
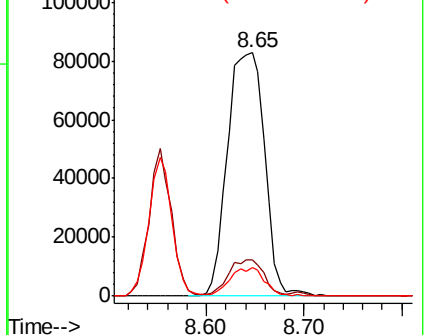
79 11.8 0.0 30.2

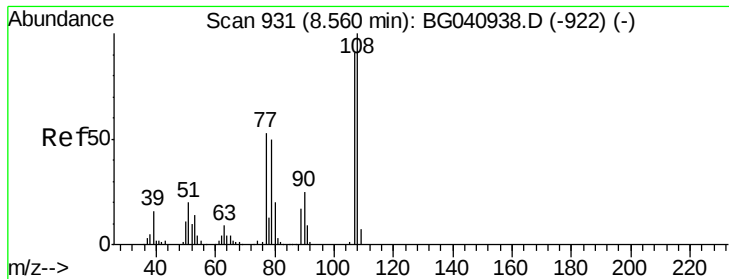


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 35.336 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Instrument :

BNA_G

ClientSampleID :

PB118819BSD

Tot Ion:107 Resp: 138292

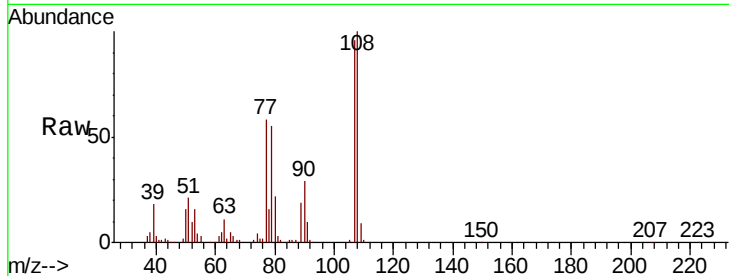
Ion Ratio Lower Upper

107 100

108 104.5 87.7 131.5

77 60.9 46.6 70.0

79 57.1 44.6 66.8



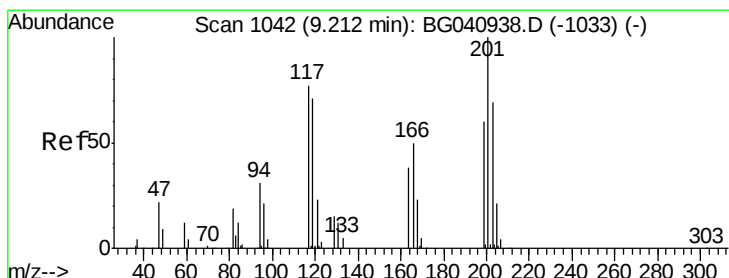
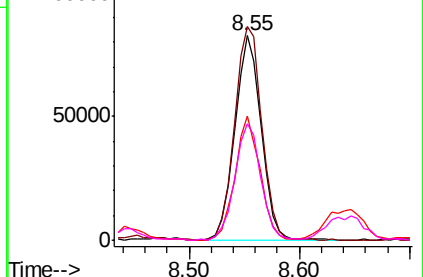
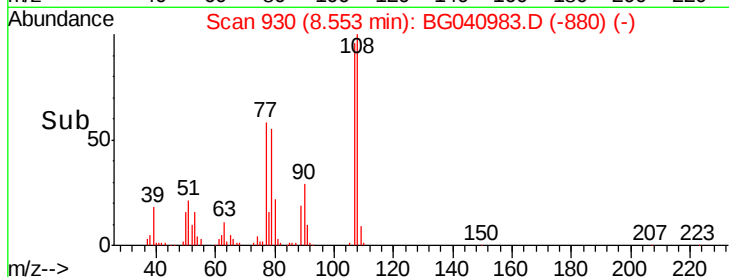
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG

Time-->



#18

Hexachloroethane

Concen: 33.333 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

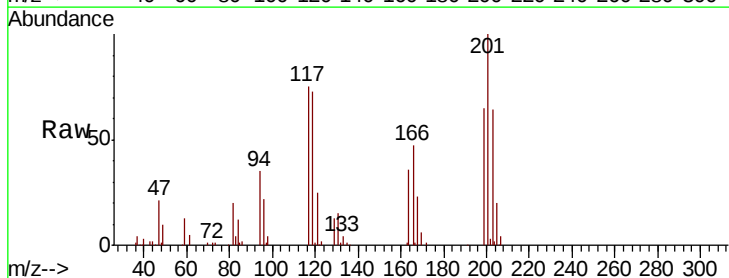
Tgt Ion:117 Resp: 60441

Ion Ratio Lower Upper

117 100

119 98.0 75.0 112.6

201 137.5 103.5 155.3

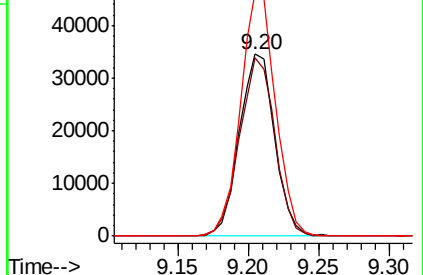
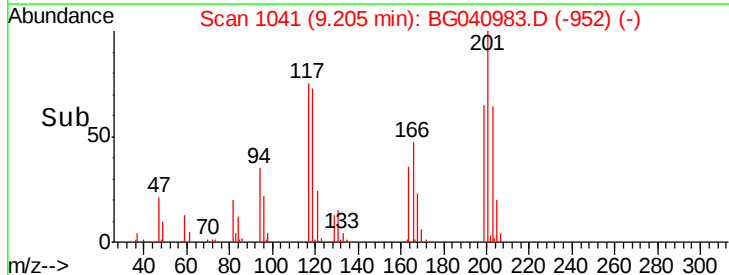


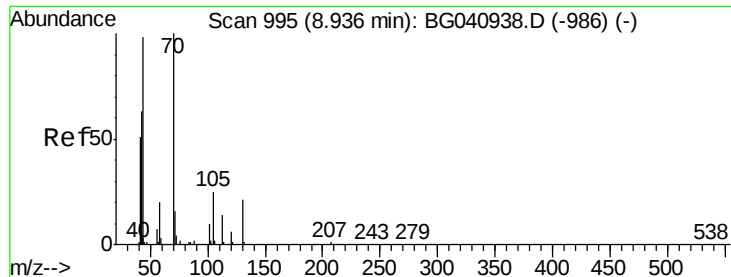
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

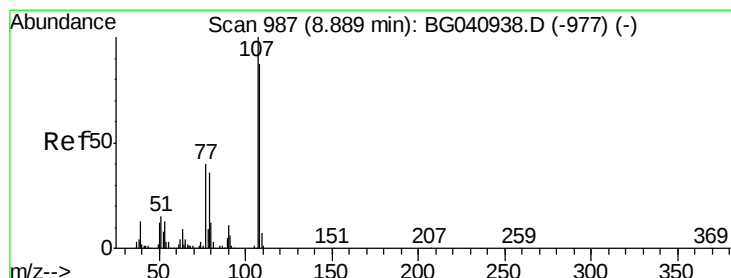
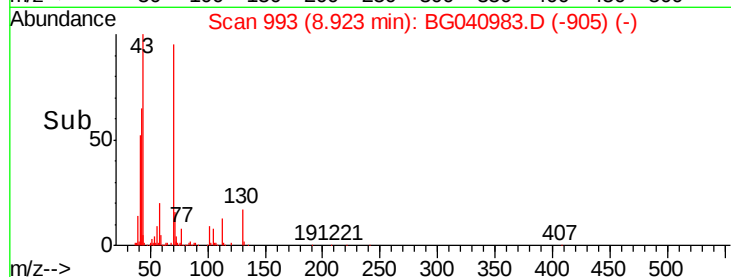
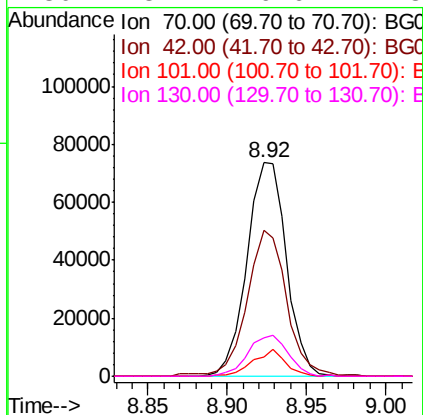
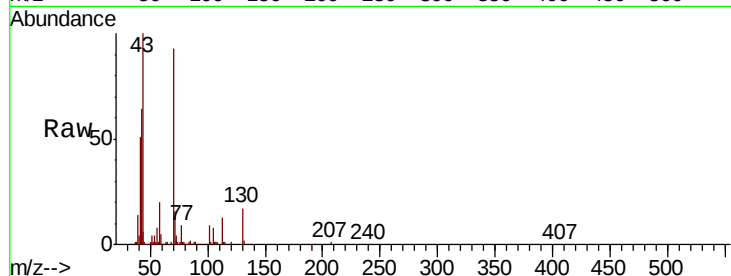




#19
n-Nitroso-di-n-propylamine
Concen: 32.872 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

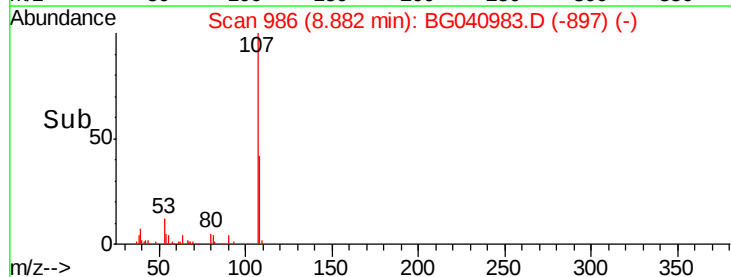
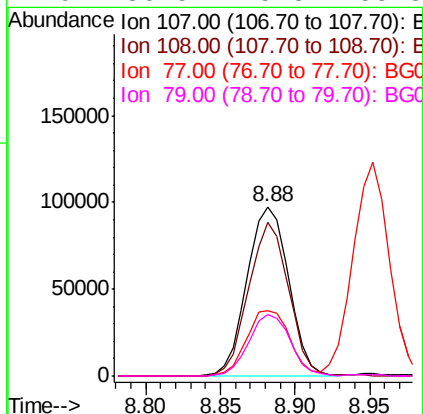
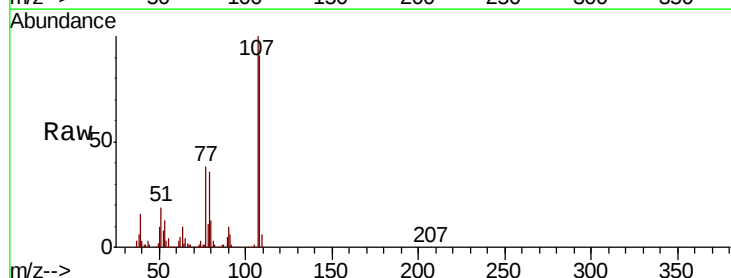
Instrument :
BNA_G
ClientSampleId :
PB118819BSD

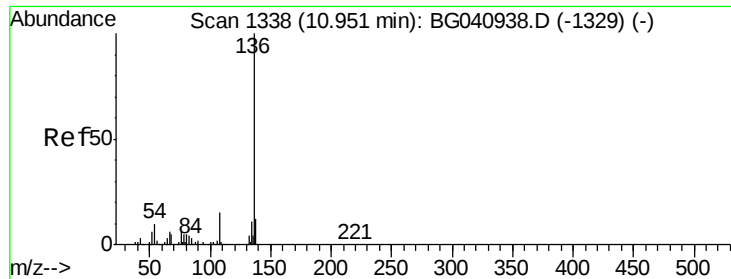
Tot Ion:	70	Resp:	127524
Ion	Ratio	Lower	Upper
70	100		
42	68.5	51.5	77.3
101	9.2	8.1	12.1
130	18.2	16.6	24.8



#20
3+4-Methylphenols
Concen: 34.723 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

Tgt Ion:	107	Resp:	188237
Ion	Ratio	Lower	Upper
107	100		
108	91.1	66.8	106.8
77	38.2	20.5	60.5
79	36.5	15.8	55.8

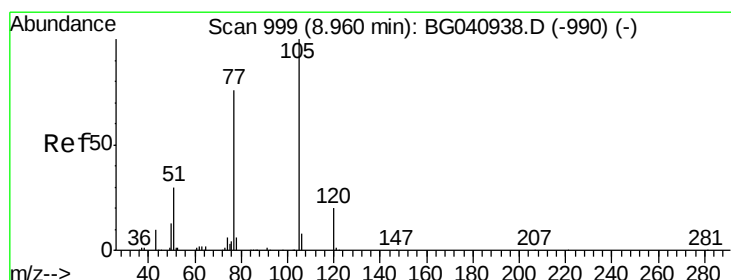
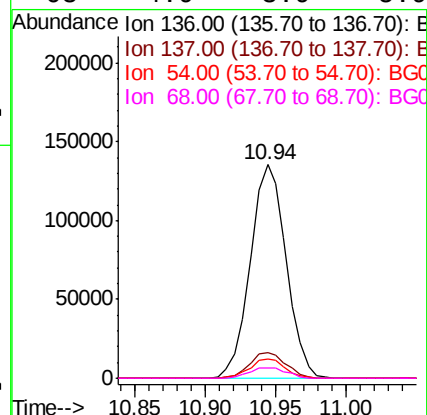
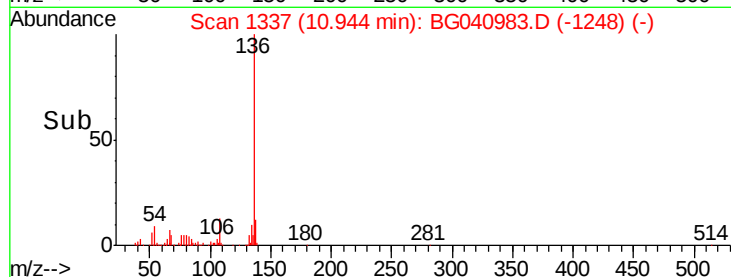
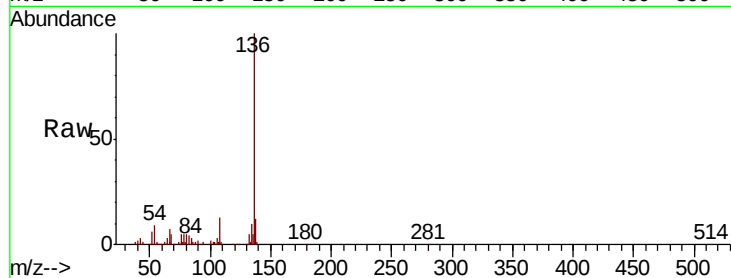




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

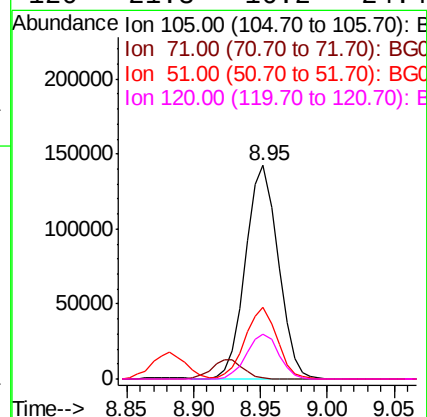
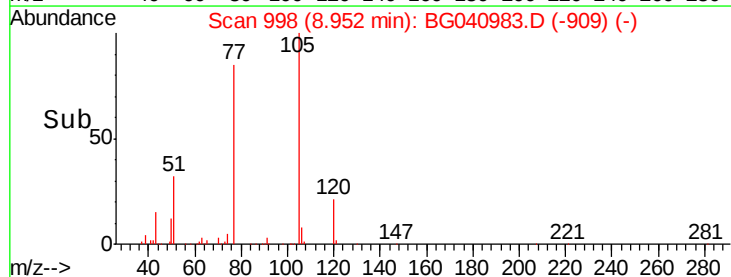
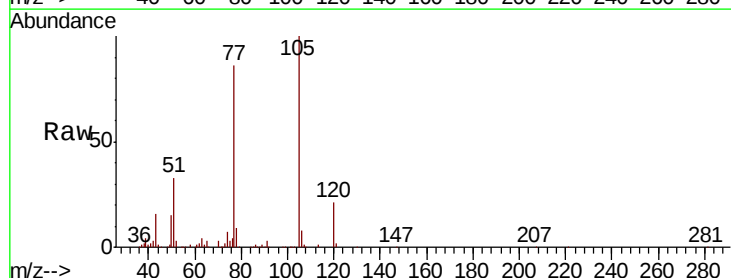
Instrument :
BNA_G
ClientSampleId :
PB118819BSD

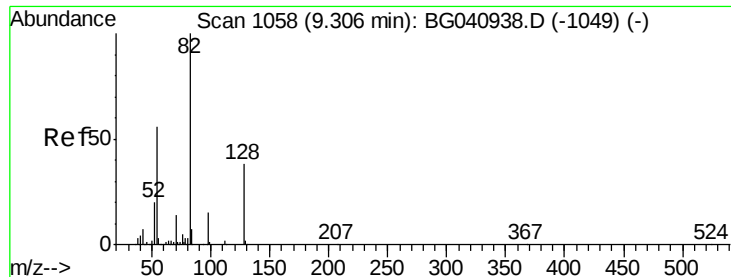
Tot Ion:136	Resp:	241300
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.5 14.3
54	9.2	7.6 11.4
68	4.9	3.9 5.9



#22
Acetophenone
Concen: 35.436 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

Tgt Ion:105	Resp:	239862
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.4 0.6#
51	33.4	27.0 40.6
120	21.3	16.2 24.4

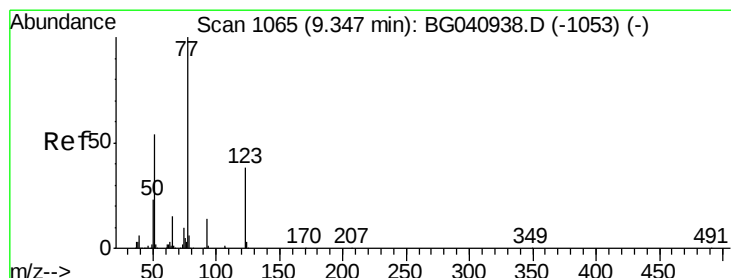
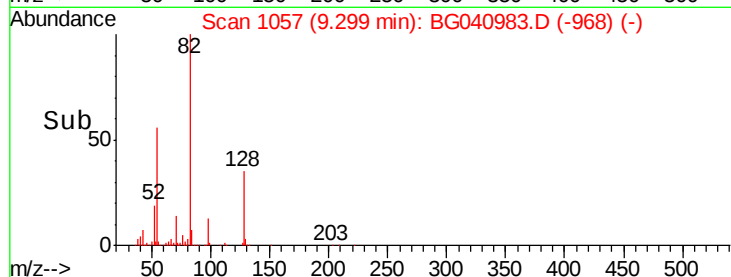
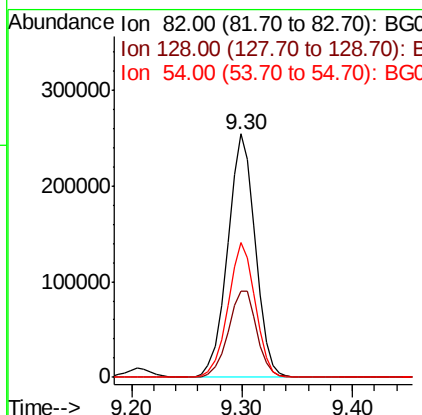
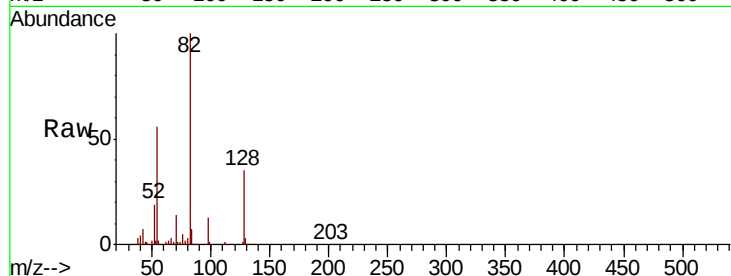




#23
 Nitrobenzene-d5
 Concen: 81.931 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG040983.D
 Acq: 31 May 2019 17:58

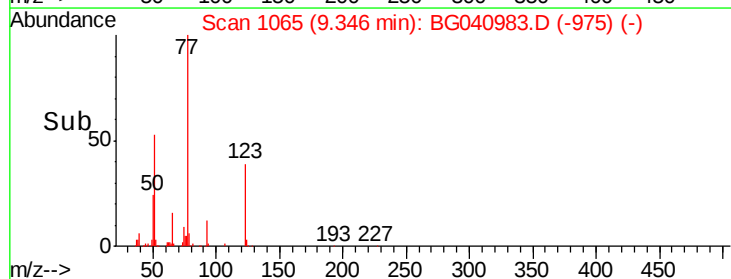
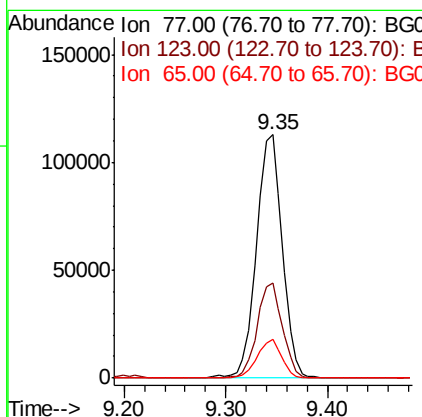
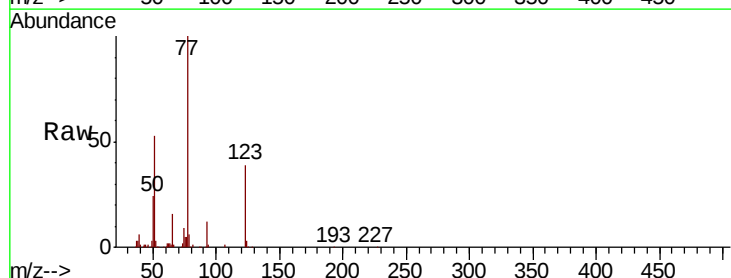
Instrument :
 BNA_G
 ClientSampleId :
 PB118819BSD

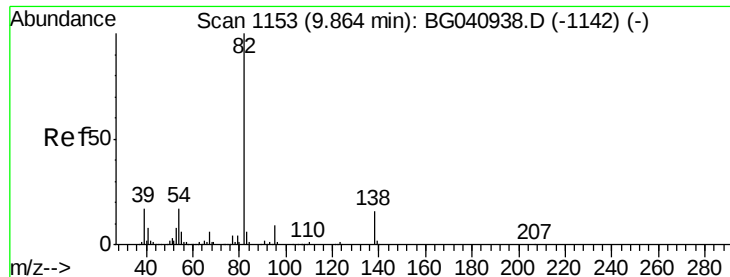
Tot Ion	82	Resp	445335
Ion Ratio	Lower	Upper	
82	100		
128	35.2	30.5	45.7
54	55.6	44.6	66.8



#24
 Nitrobenzene
 Concen: 36.169 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG040983.D
 Acq: 31 May 2019 17:58

Tgt Ion	77	Resp	200348
Ion Ratio	Lower	Upper	
77	100		
123	39.0	30.6	46.0
65	16.1	12.3	18.5





#25

Isophorone

Concen: 34.998 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB118819BSD

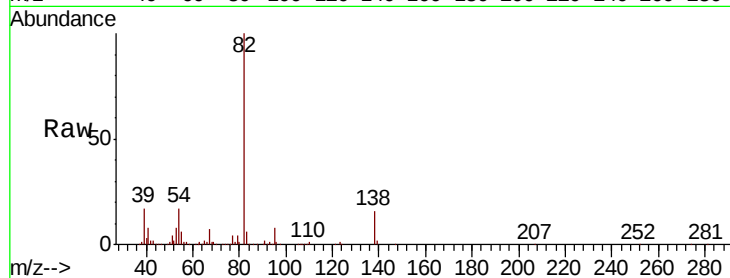
Tot Ion: 82 Resp: 362028

Ion Ratio Lower Upper

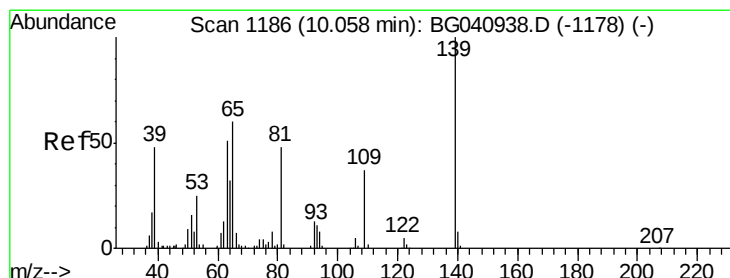
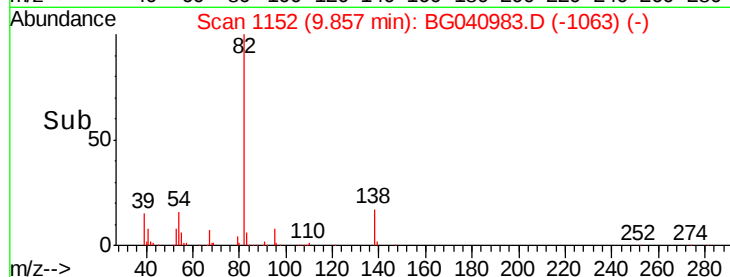
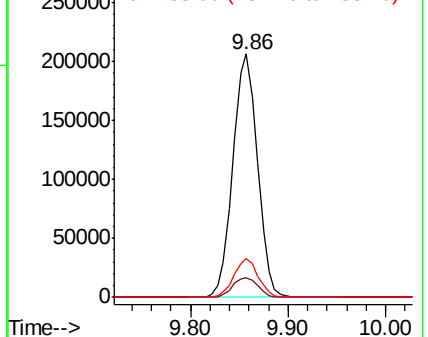
82 100

95 8.0 7.0 10.4

138 16.2 12.6 19.0



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: 38.129 ng

RT: 10.05 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

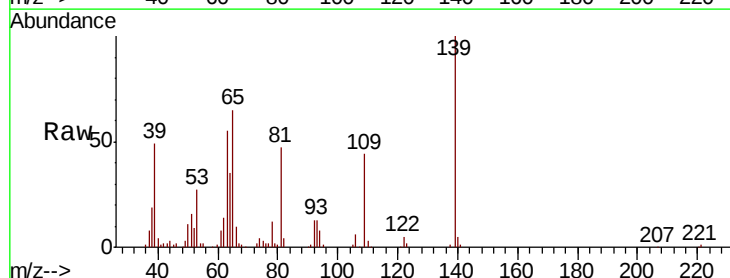
Tgt Ion: 139 Resp: 87069

Ion Ratio Lower Upper

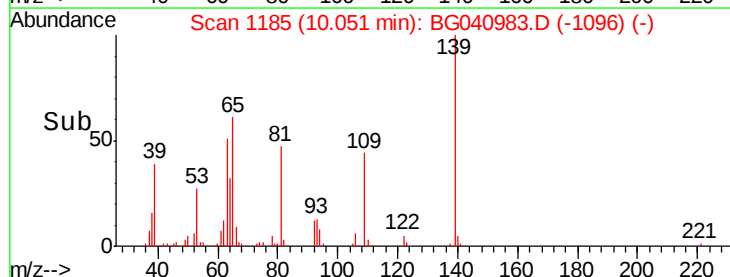
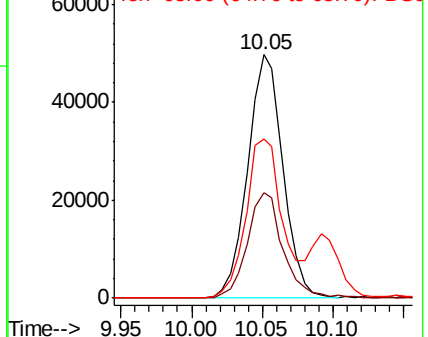
139 100

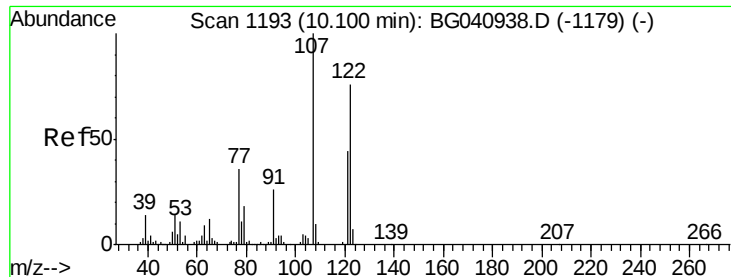
109 43.5 29.8 44.6

65 65.4 47.8 71.6



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

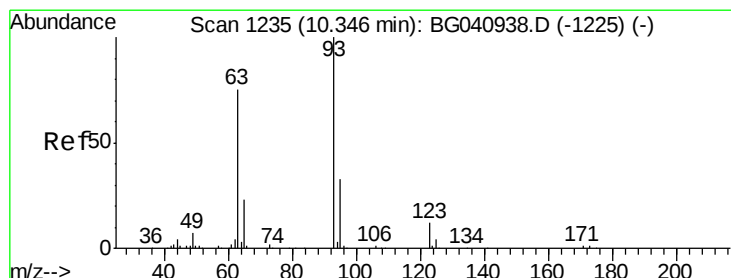
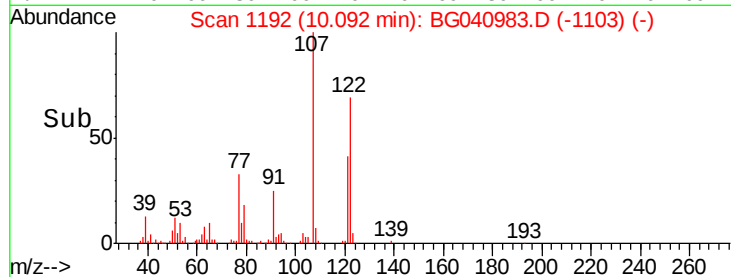
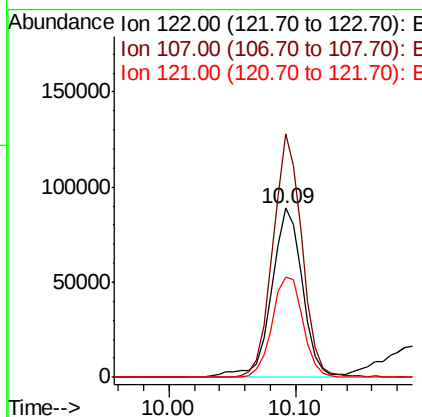
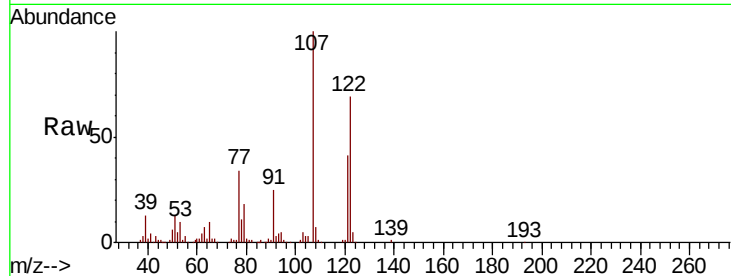




#27
 2,4-Dimethylphenol
 Concen: 39.783 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BG040983.D
 Acq: 31 May 2019 17:58

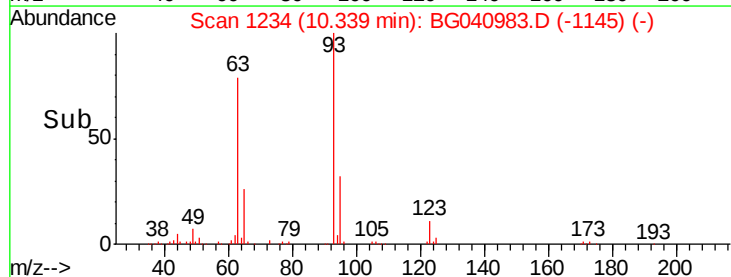
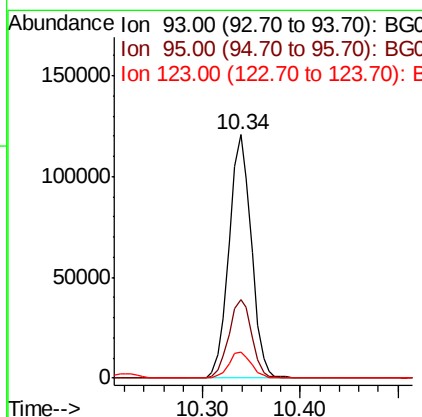
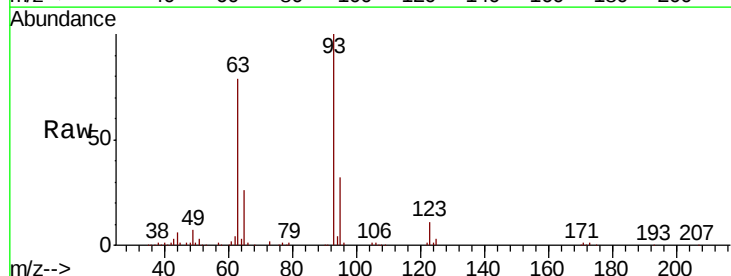
Instrument :
 BNA_G
 ClientSampleId :
 PB118819BSD

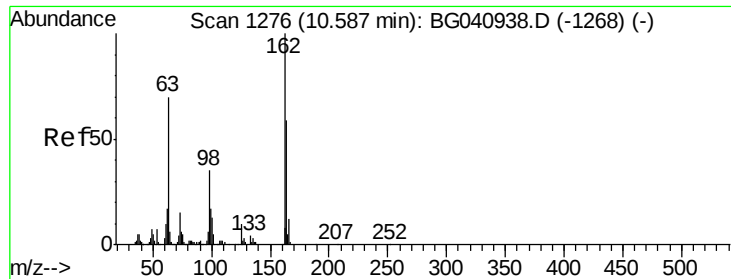
Tot Ion	Ratio	Lower	Upper
122	100		
107	144.2	105.9	158.9
121	59.2	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.293 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG040983.D
 Acq: 31 May 2019 17:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.2
123	10.8	9.5	14.3

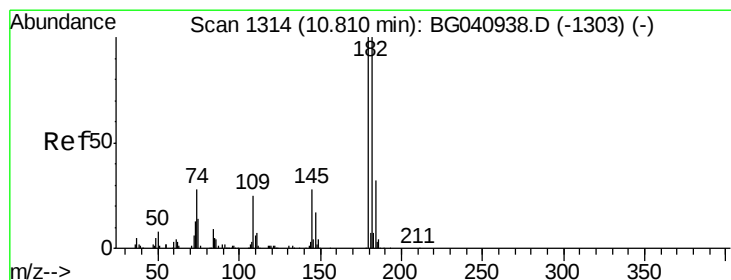
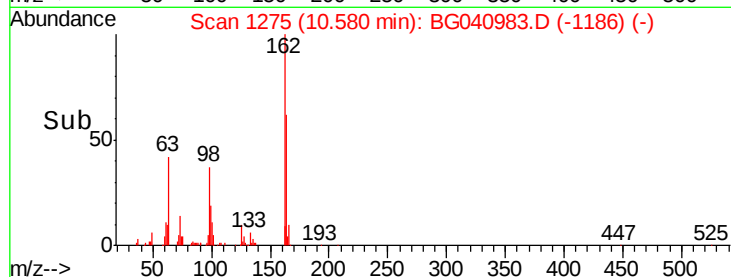
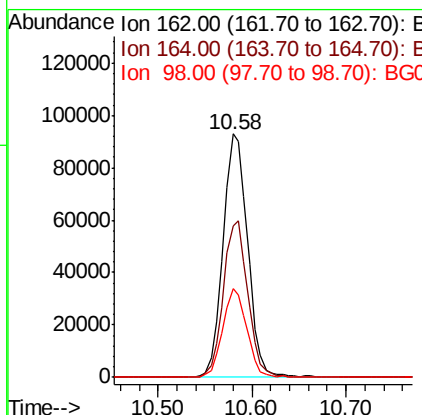
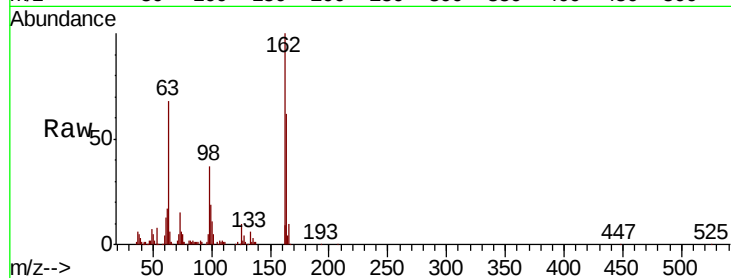




#29
 2,4-Dichlorophenol
 Concen: 35.304 ng
 RT: 10.58 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG040983.D
 Acq: 31 May 2019 17:58

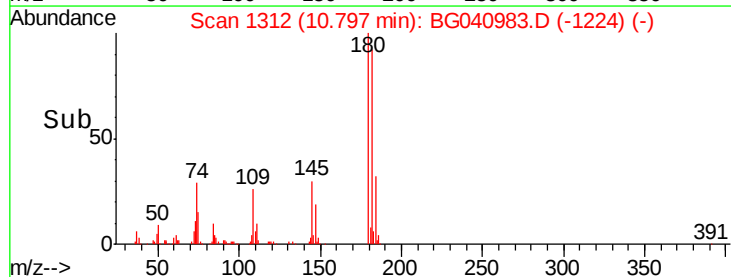
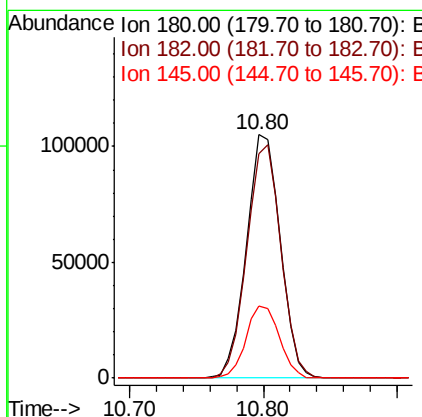
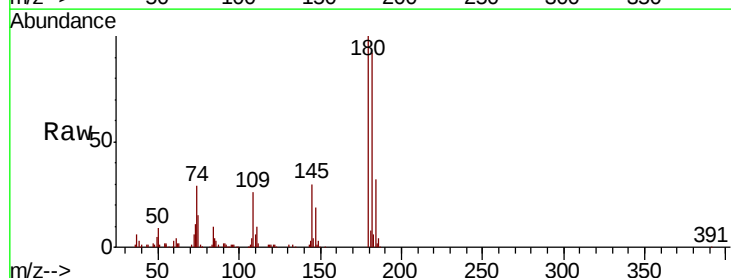
Instrument :
 BNA_G
 ClientSampleId :
 PB118819BSD

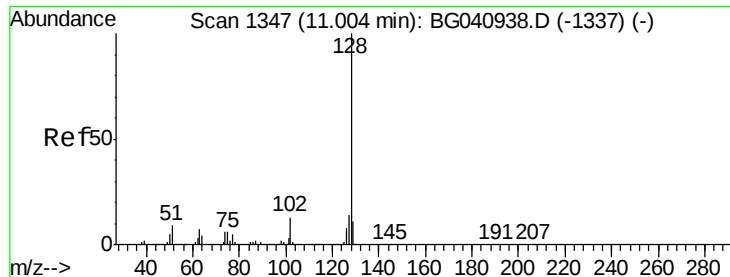
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	39.4	79.4
98	36.7	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 33.686 ng
 RT: 10.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BG040983.D
 Acq: 31 May 2019 17:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	79.7	119.5
145	29.7	22.6	34.0

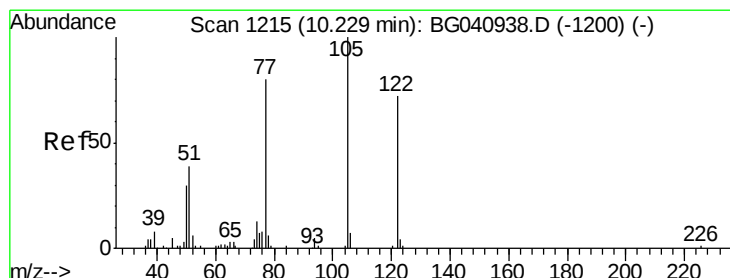
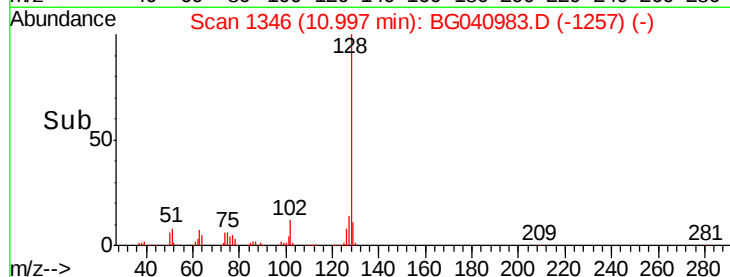
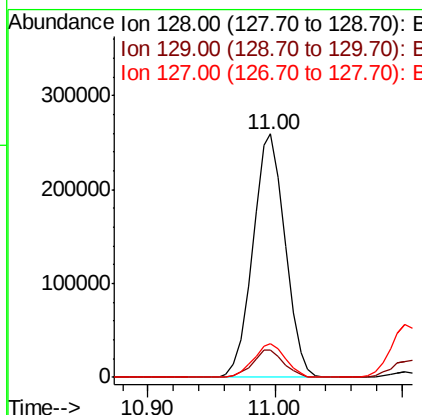
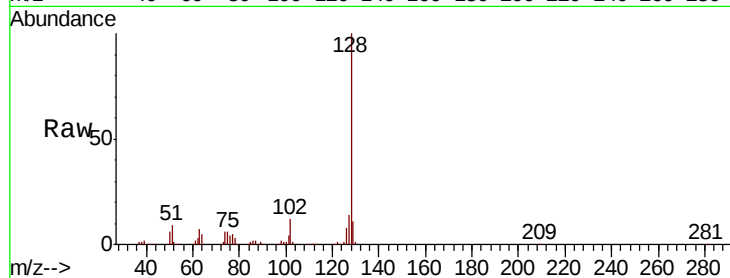




#31
Naphthalene
Concen: 35.286 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

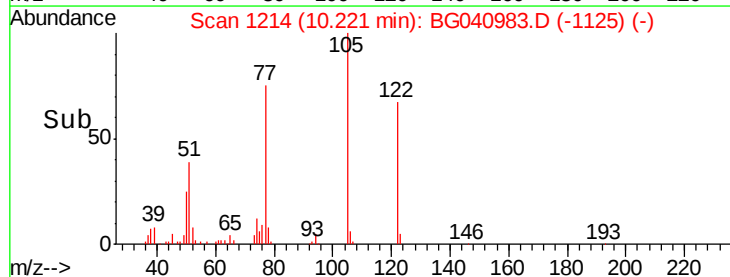
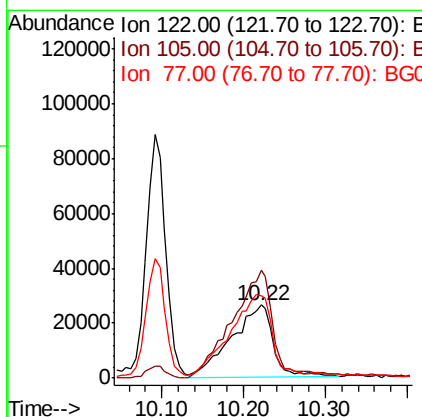
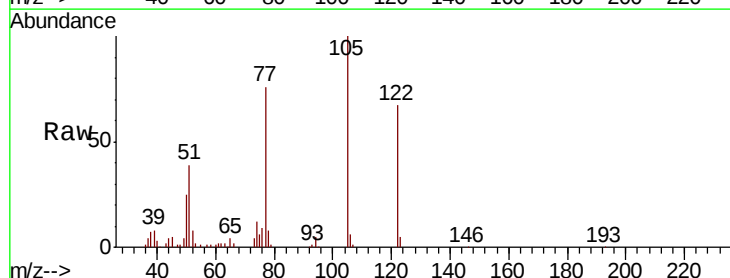
Instrument :
BNA_G
ClientSampleId :
PB118819BSD

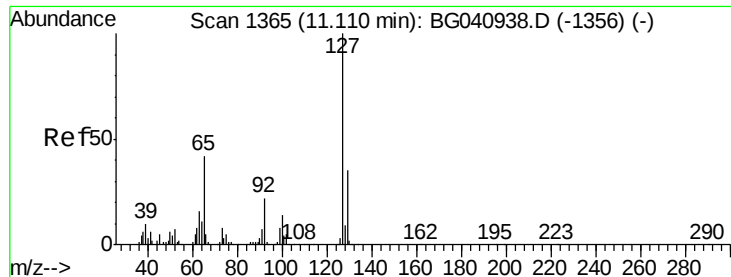
Tot Ion:128 Resp: 457153
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 14.0 11.4 17.2



#32
Benzoic acid
Concen: 34.530 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

Tgt Ion:122 Resp: 93204
Ion Ratio Lower Upper
122 100
105 148.3 114.8 154.8
77 112.4 89.9 129.9

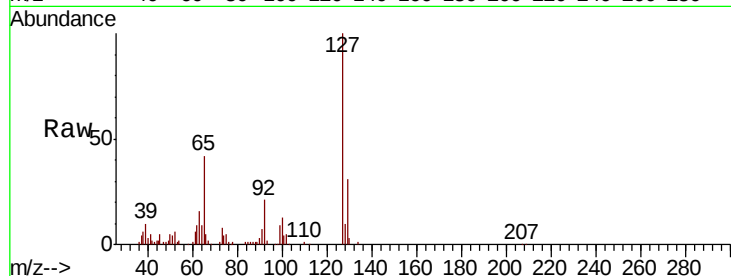




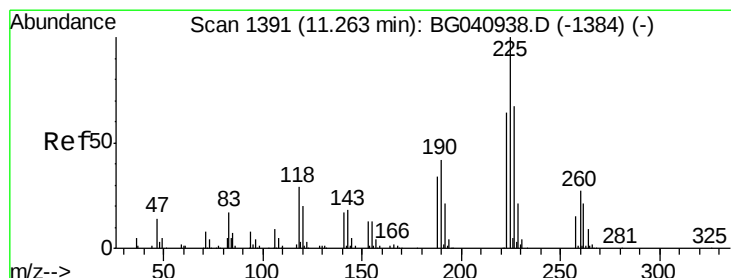
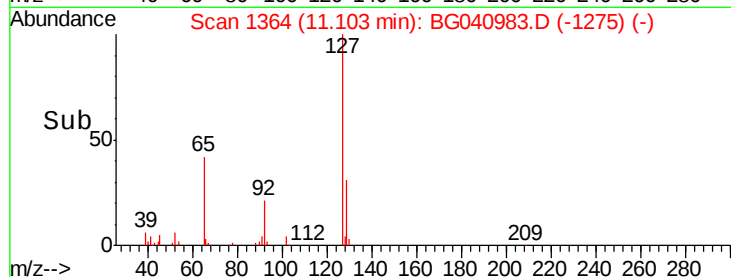
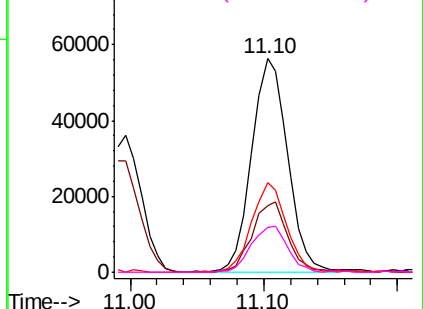
#33
4-Chloroaniline
Concen: 17.428 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

Instrument :
BNA_G
ClientSampleId :
PB118819BSD

Tot Ion:127	Resp:	104767
Ion Ratio	Lower	Upper
127	100	
129	30.9	27.7 41.5
65	41.7	33.2 49.8
92	21.1	17.2 25.8

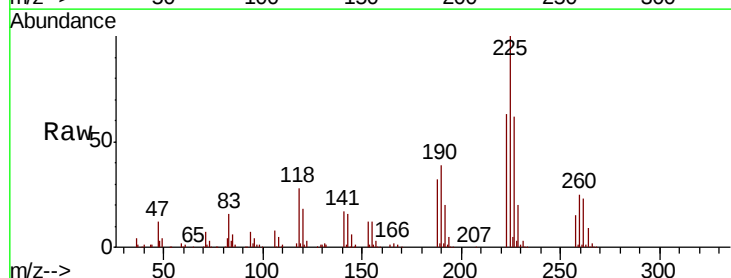


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

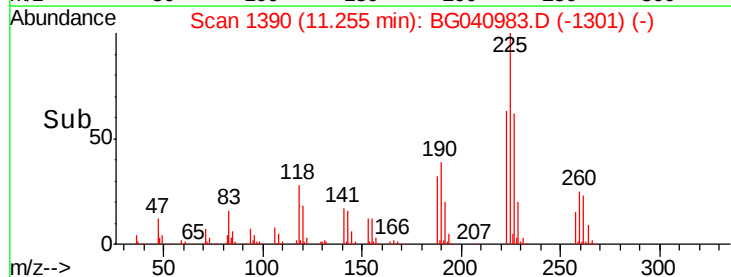
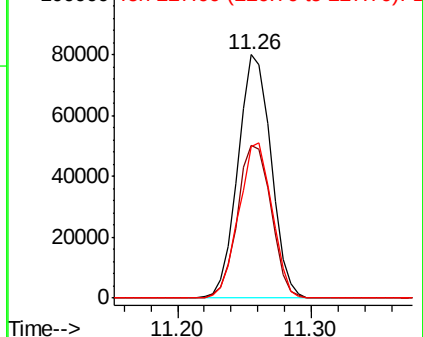


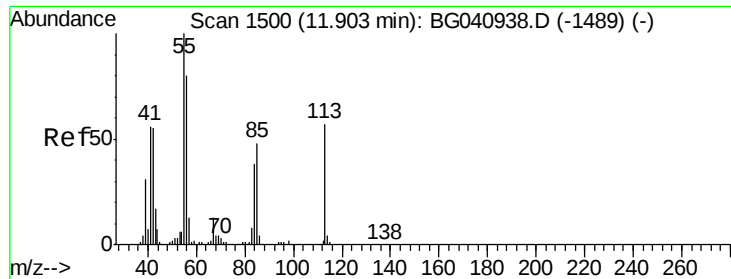
#34
Hexachlorobutadiene
Concen: 32.949 ng
RT: 11.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

Tgt Ion:225	Resp:	137354
Ion Ratio	Lower	Upper
225	100	
223	62.7	48.8 73.2
227	62.1	51.4 77.0



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

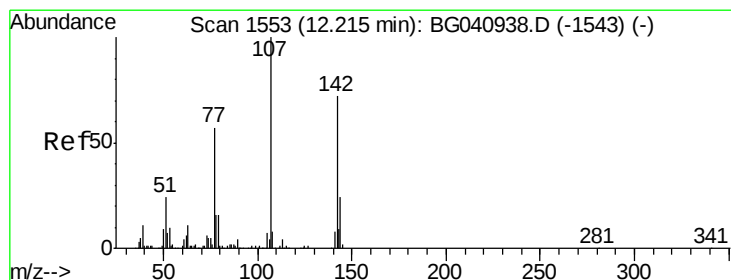
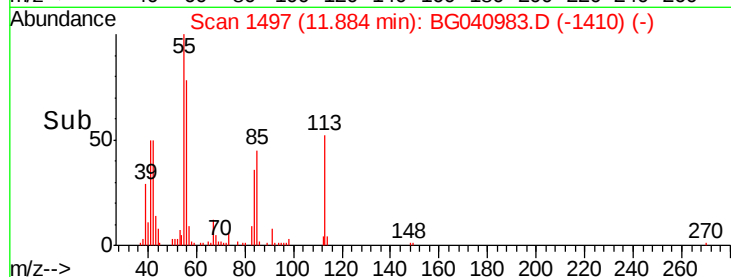
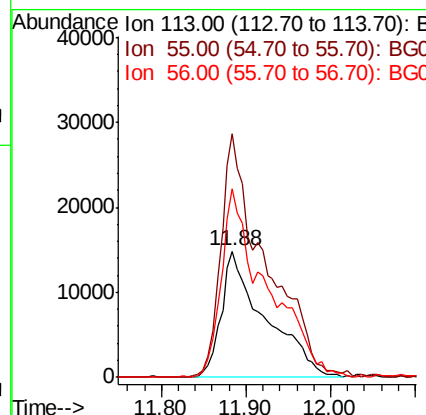
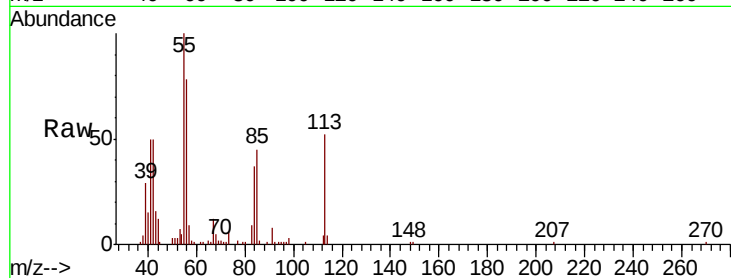




#35
 Caprolactam
 Concen: 33.736 ng
 RT: 11.88 min Scan# 1497
 Delta R.T. -0.02 min
 Lab File: BG040983.D
 Acq: 31 May 2019 17:58

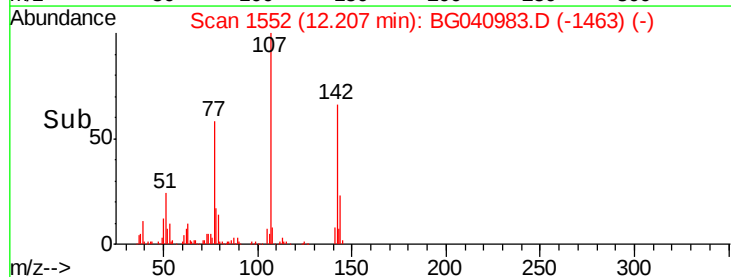
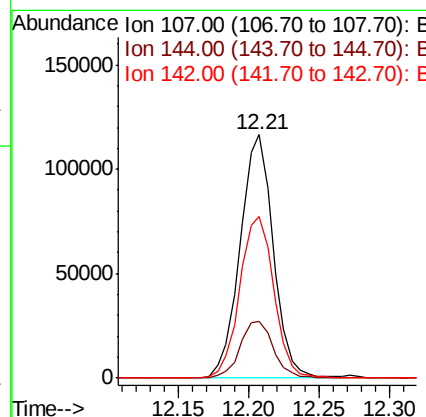
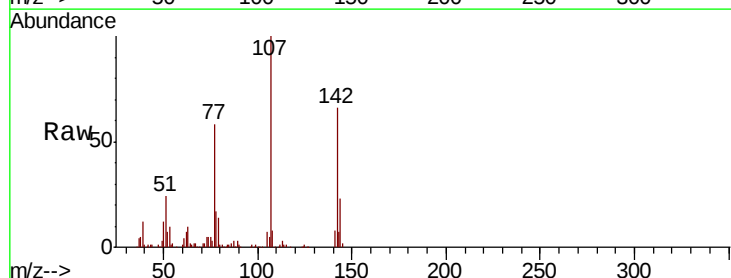
Instrument :
 BNA_G
 ClientSampleId :
 PB118819BSD

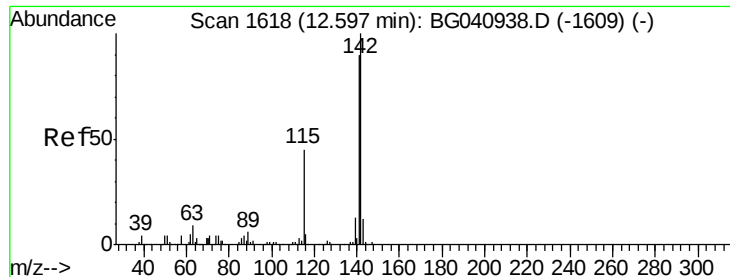
Tot Ion:113 Resp: 53354
 Ion Ratio Lower Upper
 113 100
 55 193.1 155.9 195.9
 56 149.7 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 35.066 ng
 RT: 12.21 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BG040983.D
 Acq: 31 May 2019 17:58

Tgt Ion:107 Resp: 191795
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.4 29.0
 142 66.2 57.3 85.9

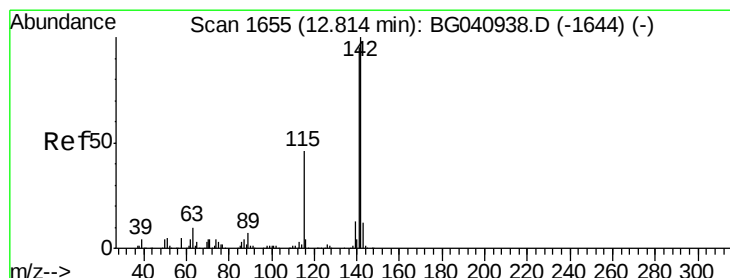
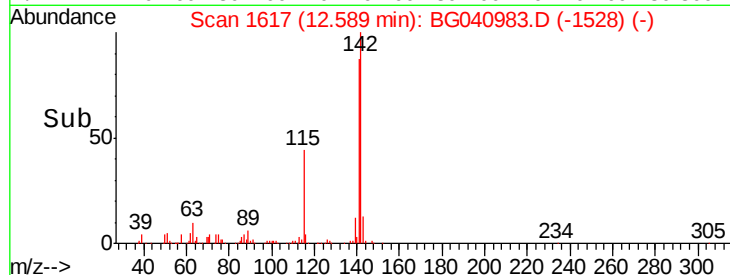
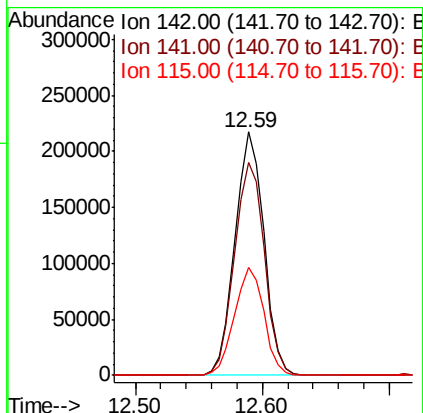
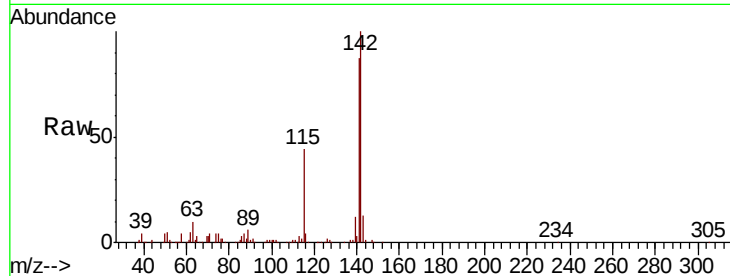




#37
2-Methylnaphthalene
Concen: 34.345 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

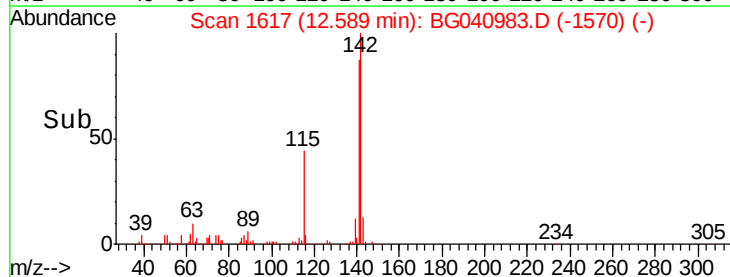
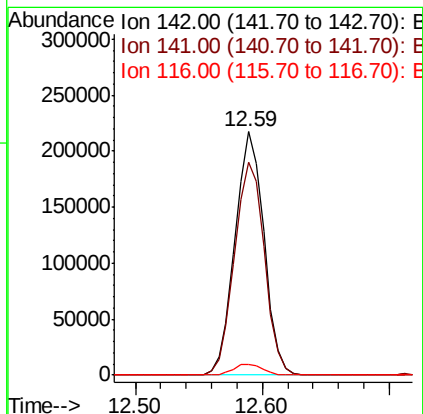
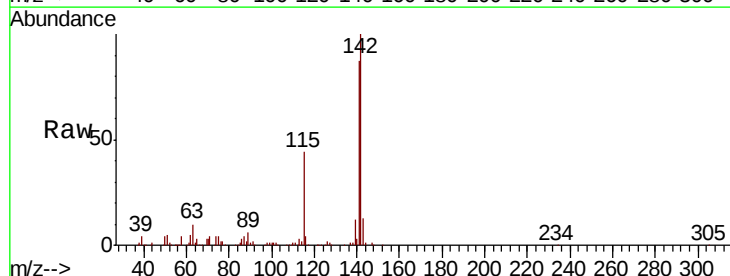
Instrument :
BNA_G
ClientSampleId :
PB118819BSD

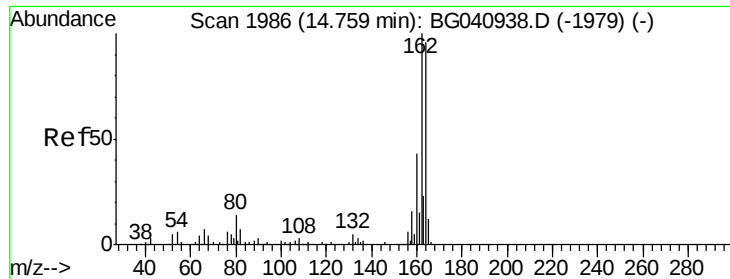
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	72.2	108.4
115	44.1	36.2	54.4



#38
1-Methylnaphthalene
Concen: 36.447 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.22 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.3	75.7	113.5
116	4.1	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB118819BSD

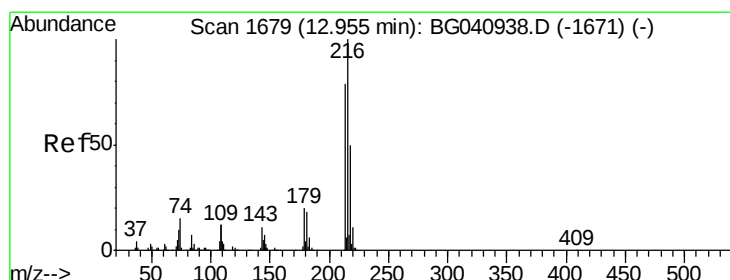
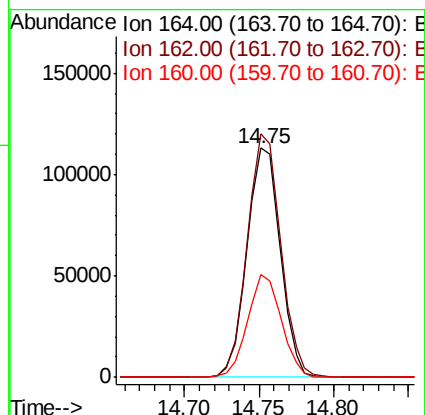
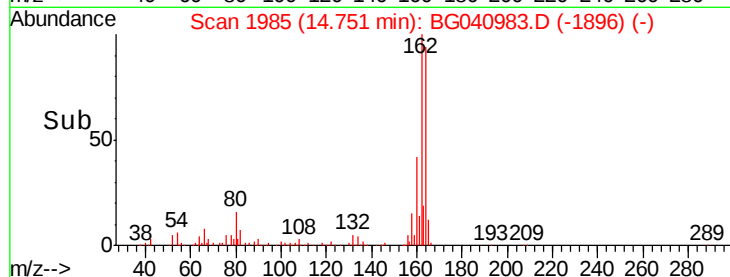
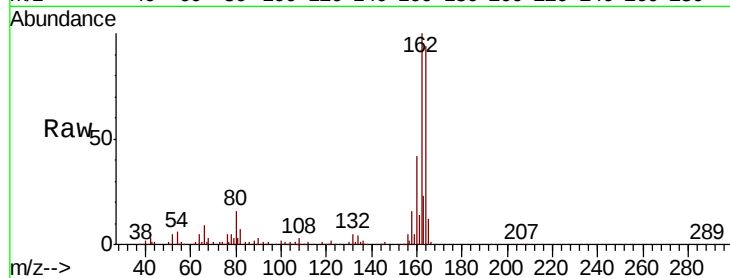
Tot Ion:164 Resp: 174035

Ion Ratio Lower Upper

164 100

162 106.1 83.0 124.4

160 44.7 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.540 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Tgt Ion:216 Resp: 249299

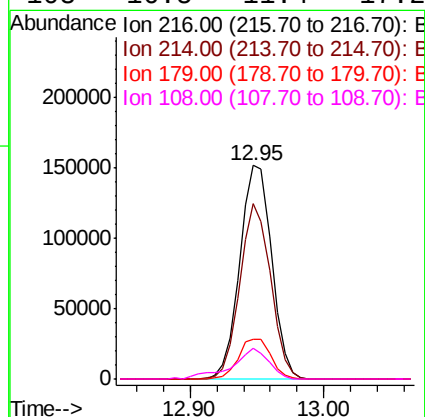
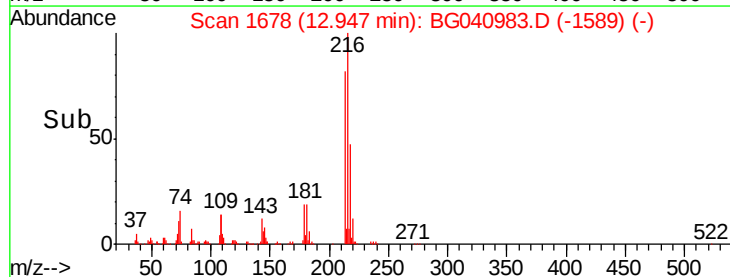
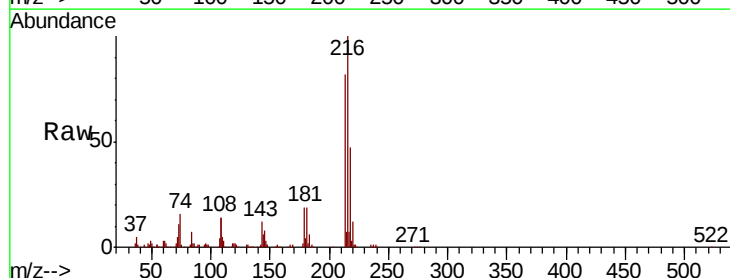
Ion Ratio Lower Upper

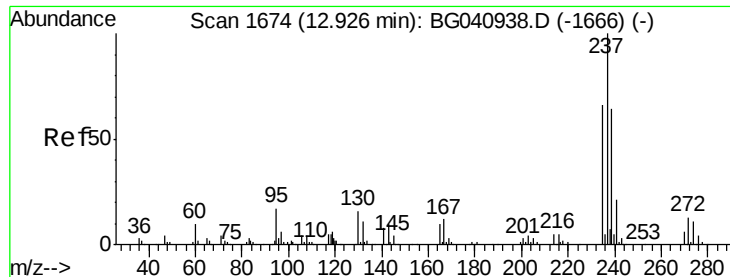
216 100

214 79.0 63.4 95.2

179 19.0 15.2 22.8

108 16.5 11.4 17.2





#41

Hexachlorocyclopentadiene

Concen: 70.903 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB118819BSD

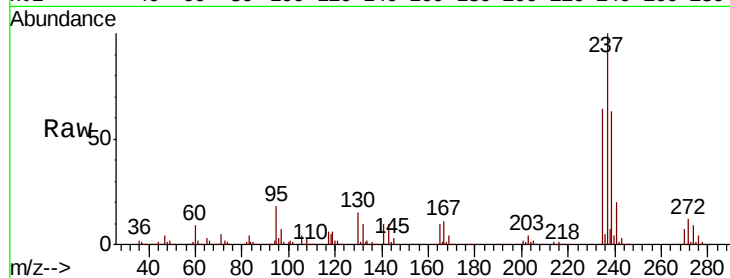
Tot Ion:237 Resp: 263416

Ion Ratio Lower Upper

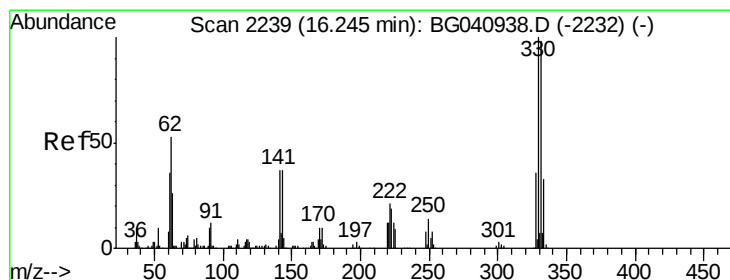
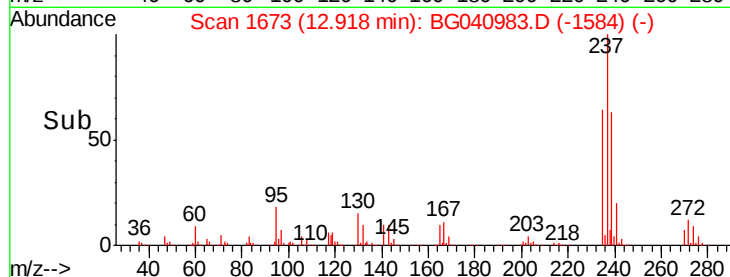
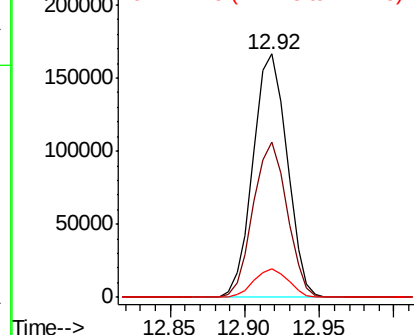
237 100

235 64.0 45.5 85.5

272 11.9 0.0 32.9



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: 121.218 ng

RT: 16.24 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

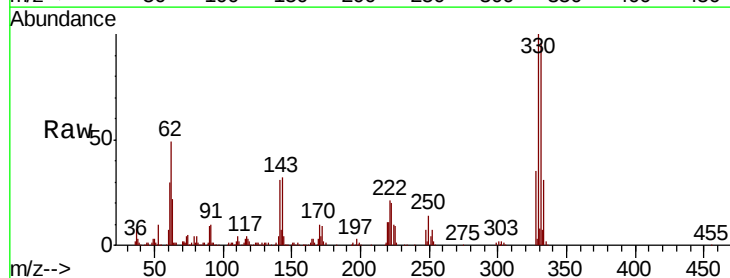
Tgt Ion:330 Resp: 313188

Ion Ratio Lower Upper

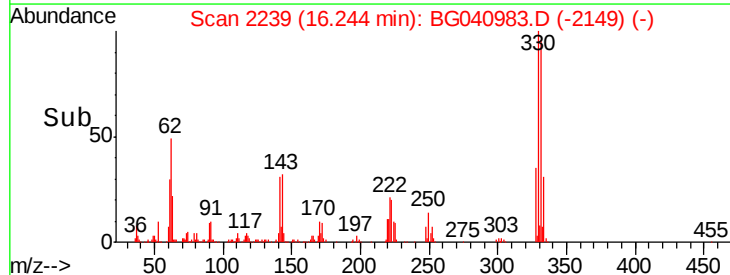
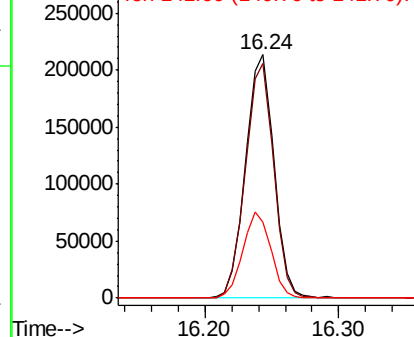
330 100

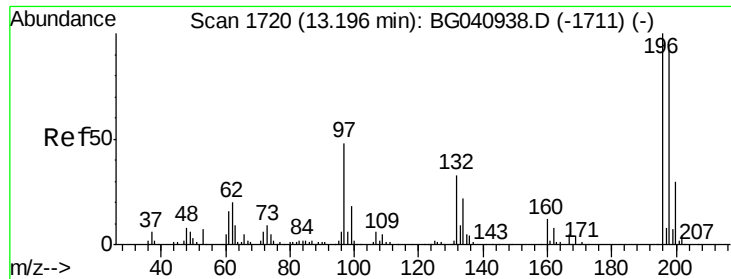
332 96.0 78.5 117.7

141 35.2 28.7 43.1



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

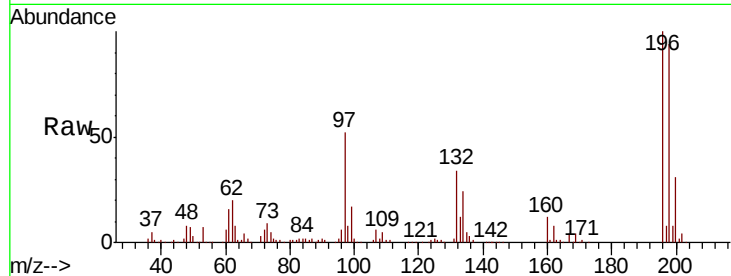




#43
 2,4,6-Trichlorophenol
 Concen: 35.523 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG040983.D
 Acq: 31 May 2019 17:58

Instrument :
 BNA_G
 ClientSampled :
 PB118819BSD

Tot Ion	196	Resp	161195
Ion Ratio	Lower	Upper	
196	100		
198	94.0	73.8	110.6
200	30.7	24.1	36.1

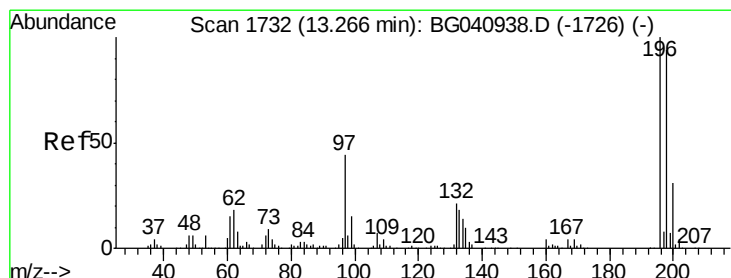
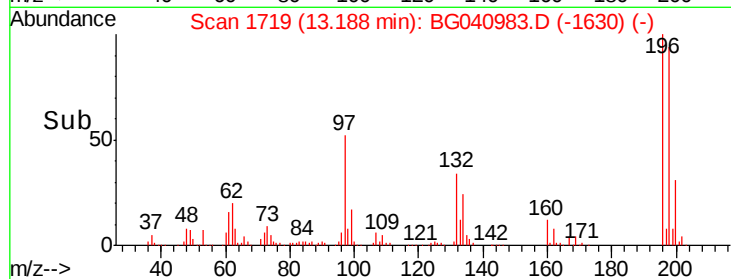
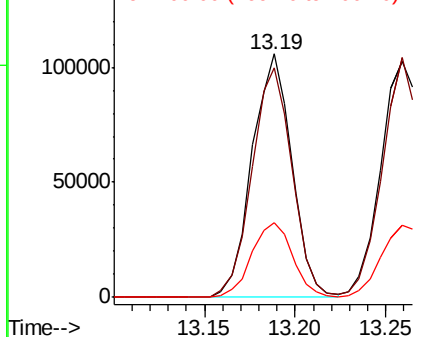


Abundance

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: 35.984 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG040983.D
 Acq: 31 May 2019 17:58

Tgt Ion	196	Resp	172208
Ion Ratio	Lower	Upper	
196	100		
198	102.0	75.1	112.7
97	45.7	35.6	53.4
132	24.6	16.7	25.1

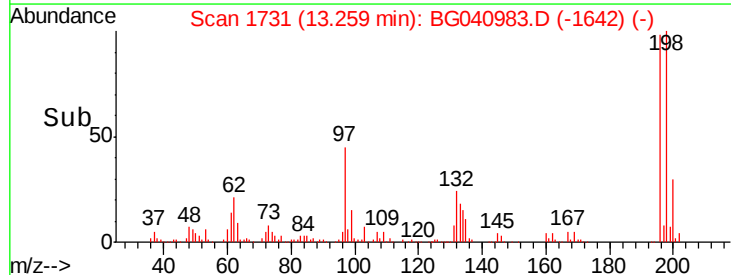
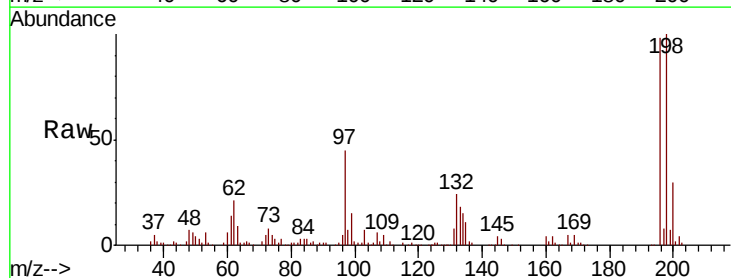
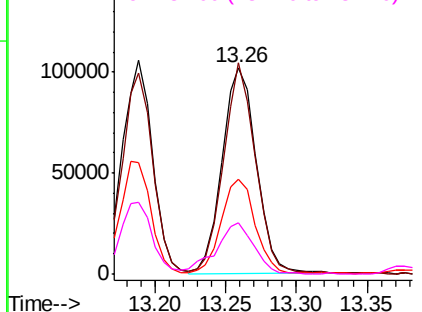
Abundance

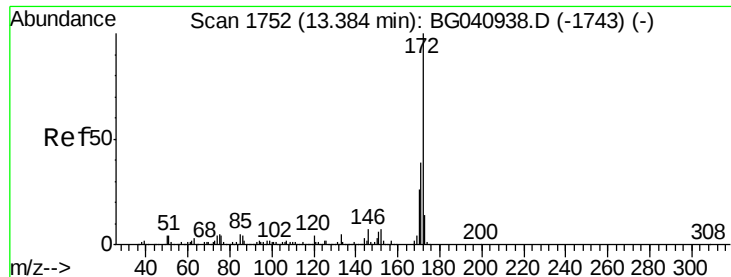
Ion 196.00 (195.70 to 196.70): E

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

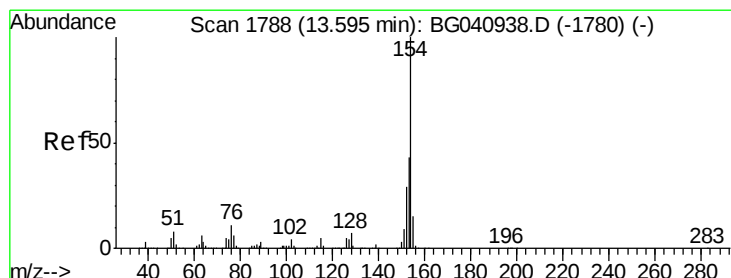
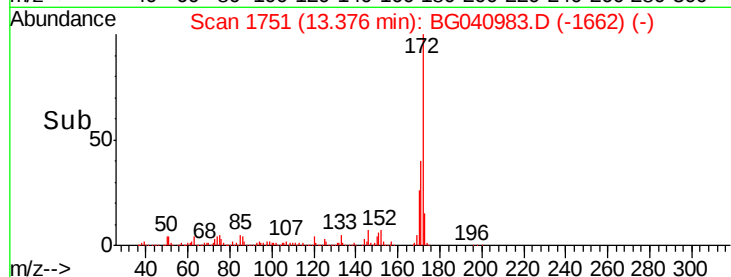
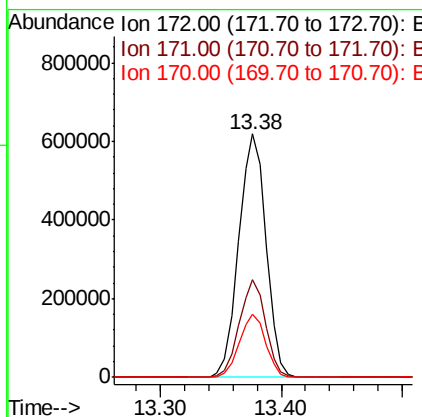
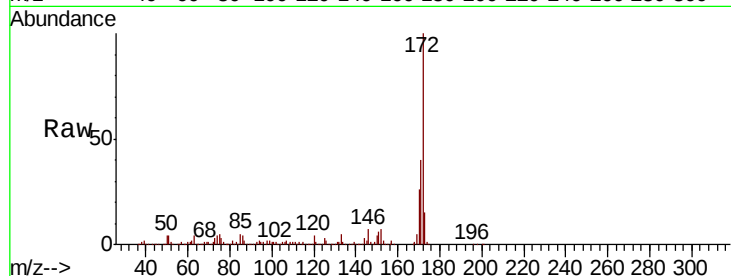




#45
2-Fluorobiphenyl
Concen: 80.632 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

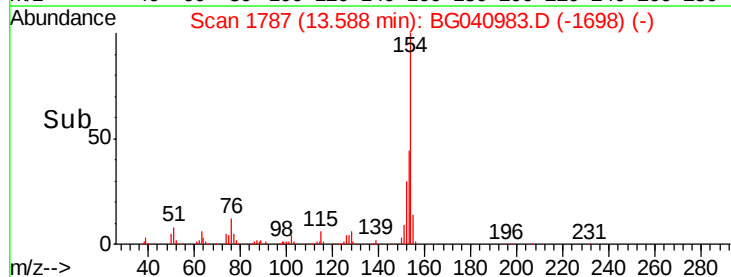
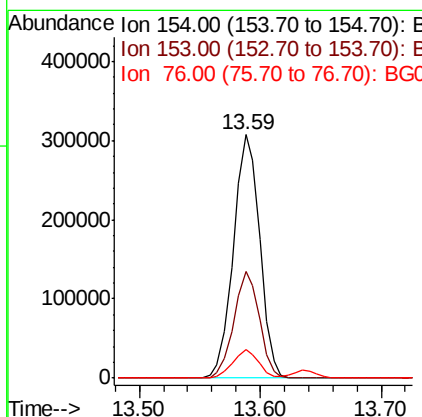
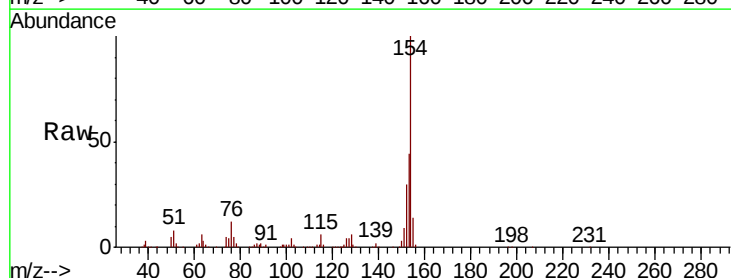
Instrument :
BNA_G
ClientSampleId :
PB118819BSD

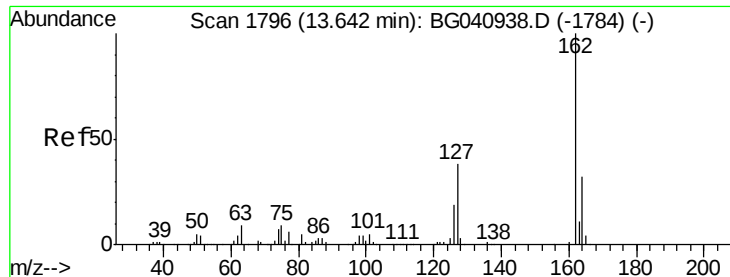
Tot Ion	Ratio	Lower	Upper
172	100		
171	40.0	31.1	46.7
170	25.9	20.5	30.7



#46
1,1'-Biphenyl
Concen: 36.211 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	23.3	63.3
76	11.6	0.0	31.1

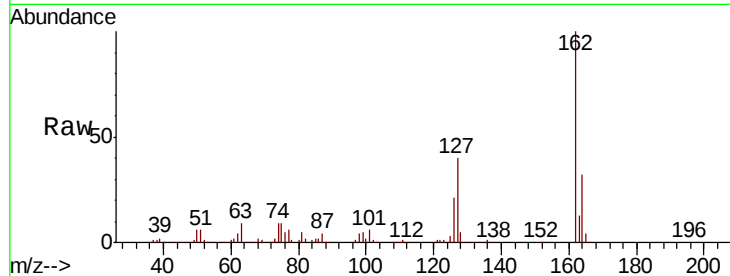




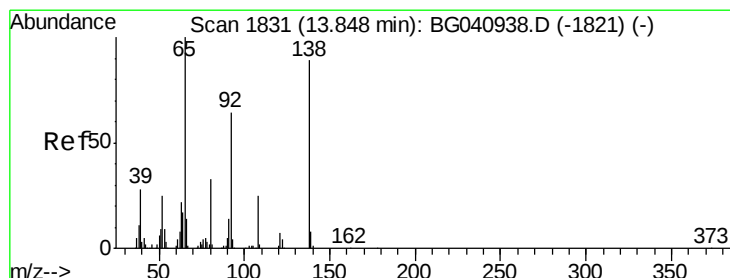
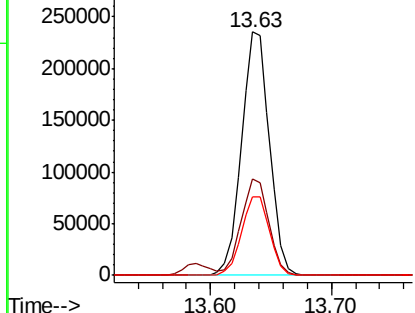
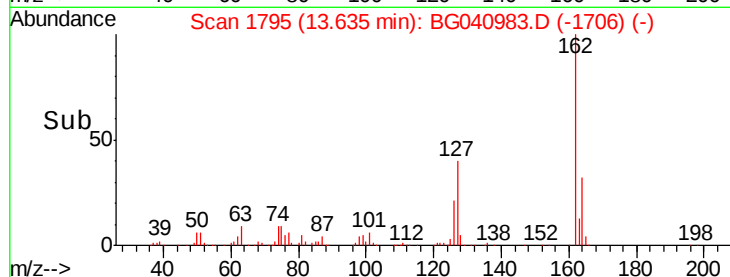
#47
 2-Chloronaphthalene
 Concen: 34.179 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG040983.D
 Acq: 31 May 2019 17:58

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	30.5	45.7
164	32.1	25.8	38.6

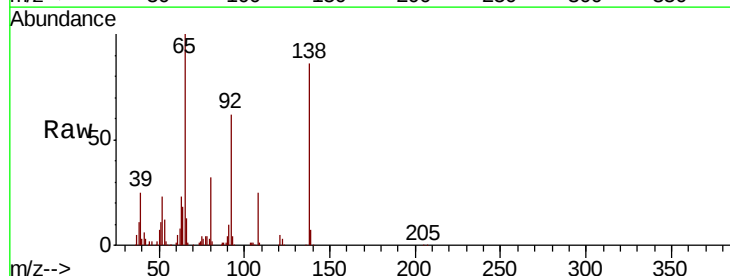


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

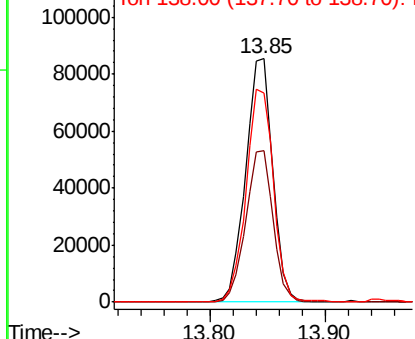
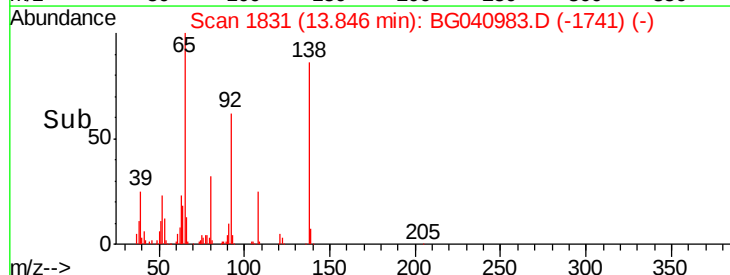


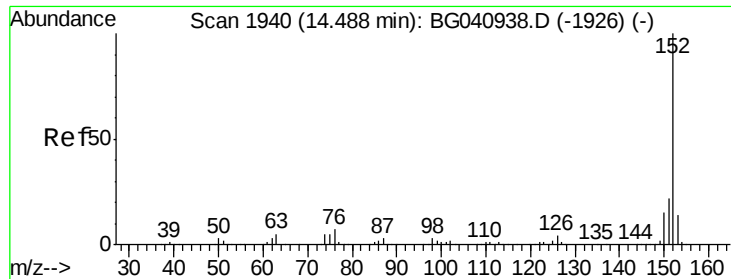
#48
 2-Nitroaniline
 Concen: 35.280 ng
 RT: 13.85 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG040983.D
 Acq: 31 May 2019 17:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.3	51.0	76.6
138	86.0	71.2	106.8



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





#49

Acenaphthylene

Concen: 35.877 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB118819BSD

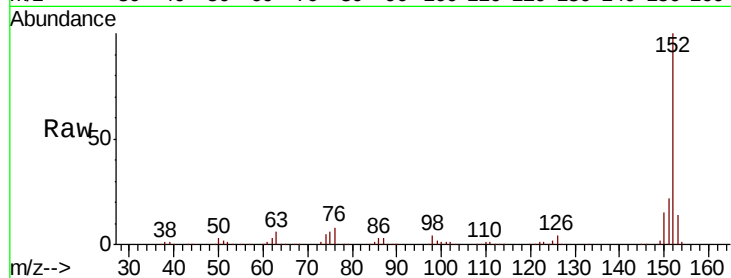
Tot Ion:152 Resp: 597168

Ion Ratio Lower Upper

152 100

151 21.7 17.4 26.0

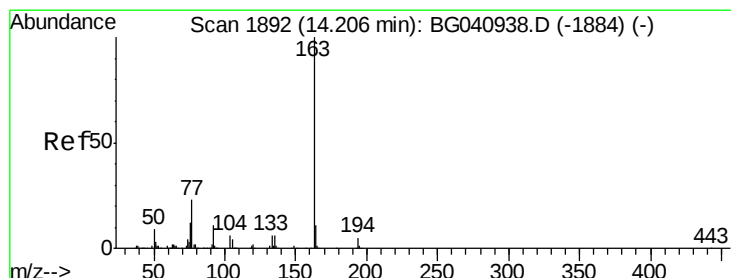
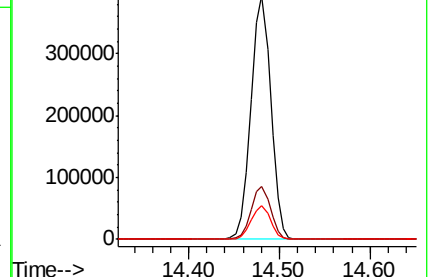
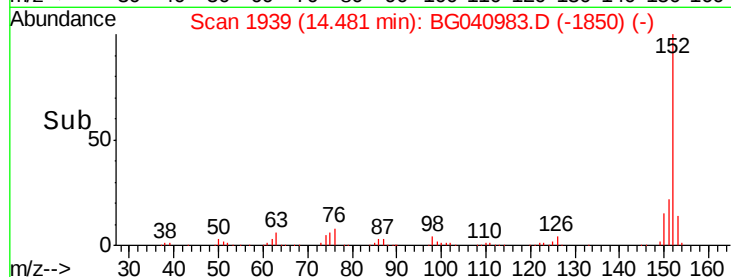
153 13.8 11.0 16.4



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: 35.085 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

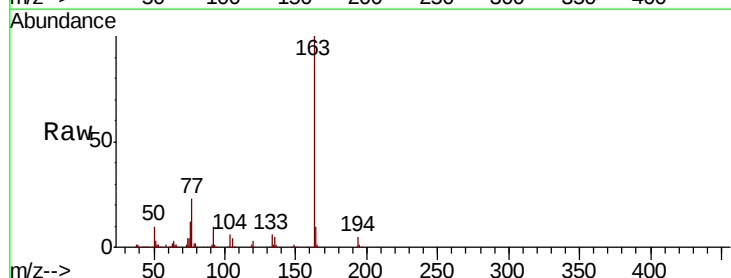
Tgt Ion:163 Resp: 516882

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.8

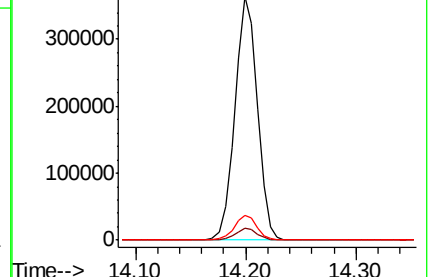
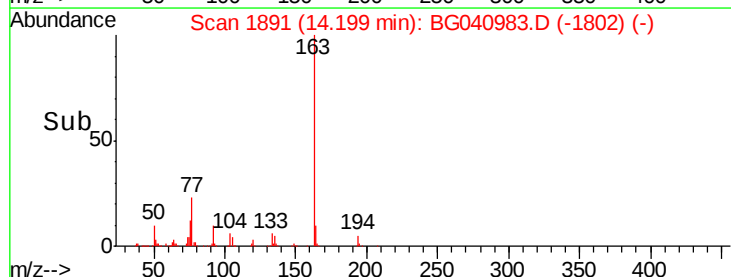
164 10.3 8.7 13.1

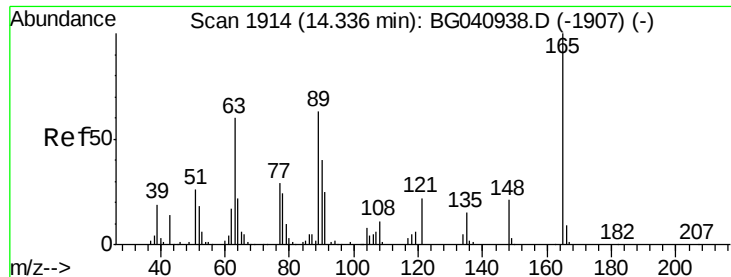


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 36.381 ng

RT: 14.33 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB118819BSD

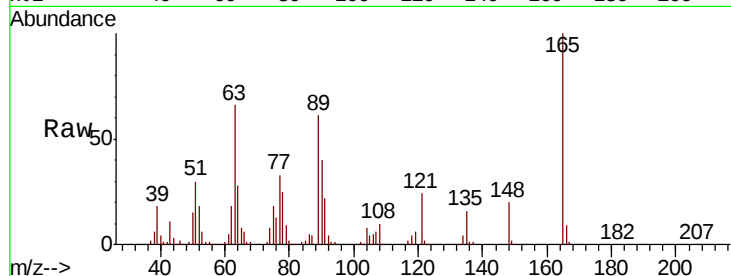
Tot Ion:165 Resp: 115559

Ion Ratio Lower Upper

165 100

63 66.3 53.6 80.4

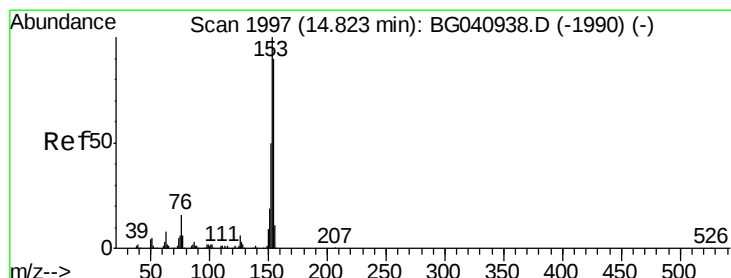
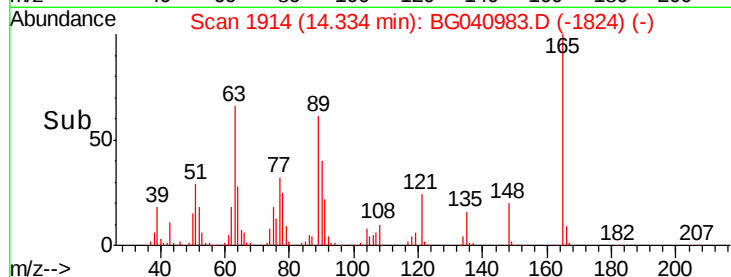
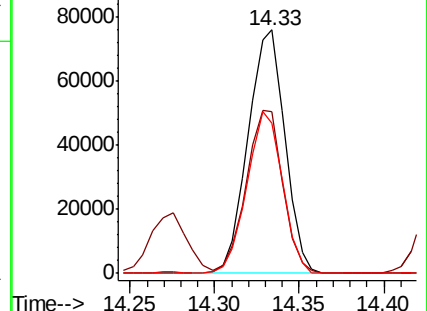
89 61.5 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 34.979 ng

RT: 14.82 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

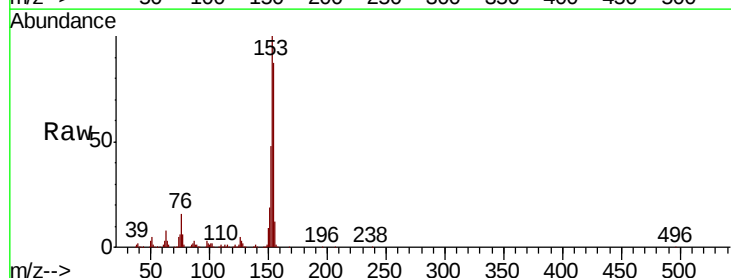
Tgt Ion:154 Resp: 352707

Ion Ratio Lower Upper

154 100

153 115.4 88.6 133.0

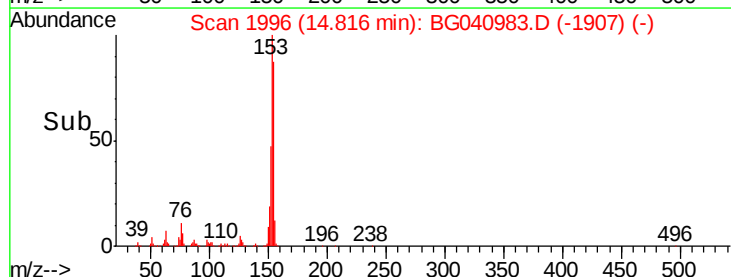
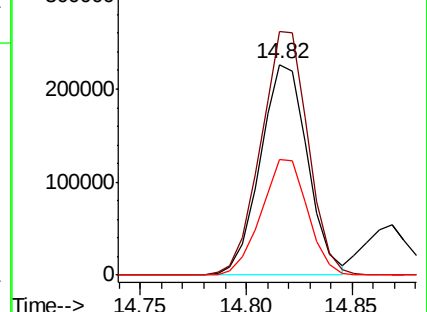
152 54.9 44.2 66.4

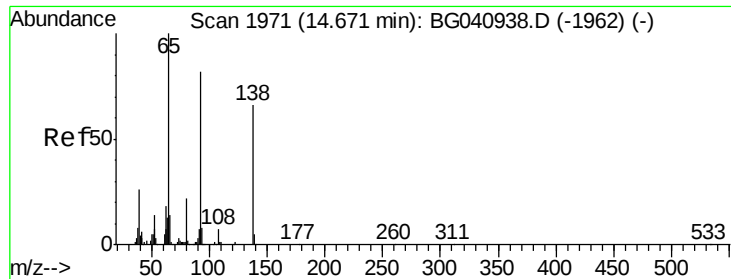


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

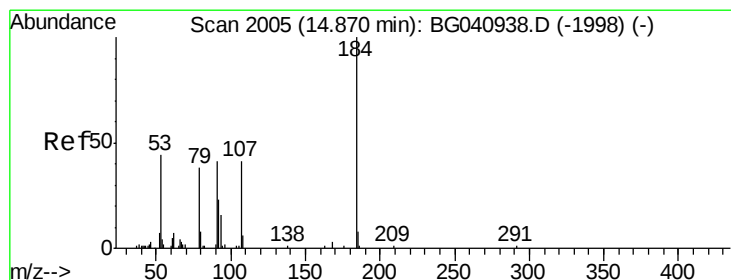
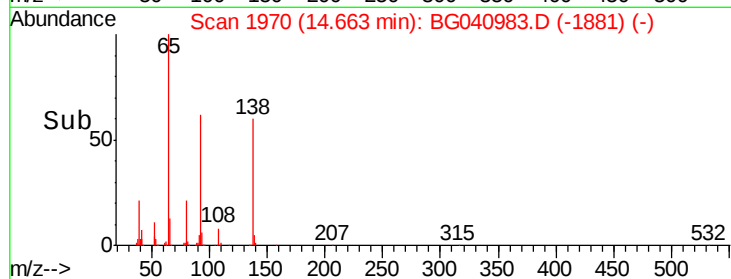
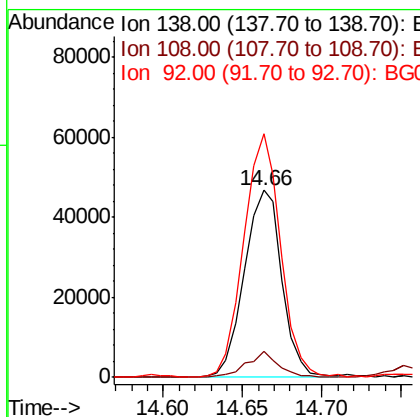
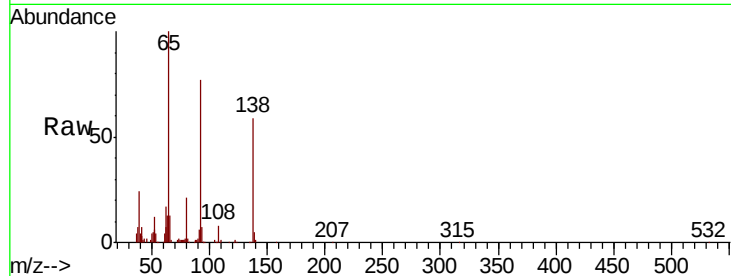




#53
 3-Nitroaniline
 Concen: 24.272 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG040983.D
 Acq: 31 May 2019 17:58

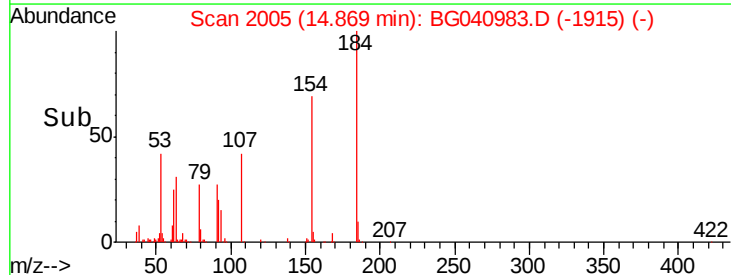
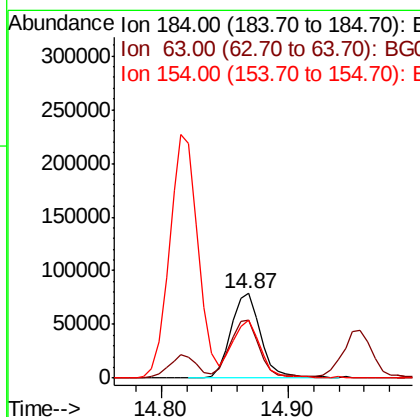
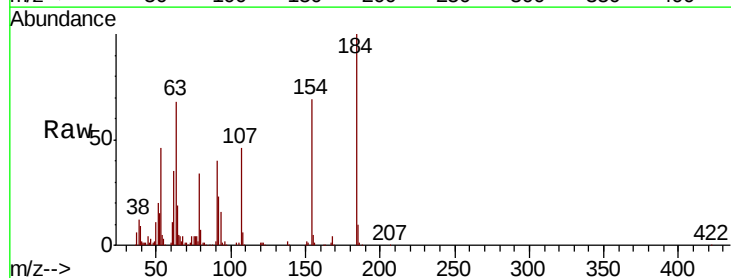
Instrument :
 BNA_G
 ClientSampleId :
 PB118819BSD

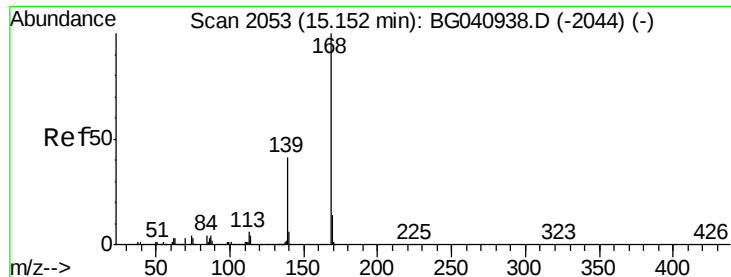
Tot Ion:138 Resp: 77095
 Ion Ratio Lower Upper
 138 100
 108 13.8 8.5 12.7#
 92 130.3 99.0 148.6



#54
 2,4-Dinitrophenol
 Concen: 78.222 ng
 RT: 14.87 min Scan# 2005
 Delta R.T. -0.00 min
 Lab File: BG040983.D
 Acq: 31 May 2019 17:58

Tgt Ion:184 Resp: 128185
 Ion Ratio Lower Upper
 184 100
 63 67.9 49.8 74.6
 154 69.1 52.2 78.4





#55

Dibenzofuran

Concen: 36.317 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB118819BSD

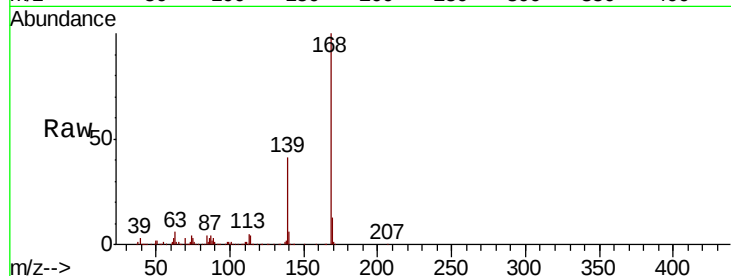
Tot Ion:168 Resp: 616191

Ion Ratio Lower Upper

168 100

139 40.9 32.8 49.2

169 13.4 11.3 16.9

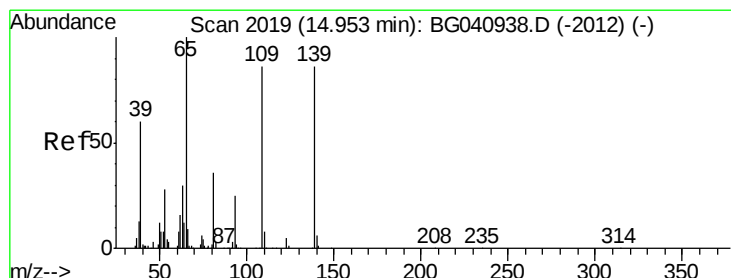
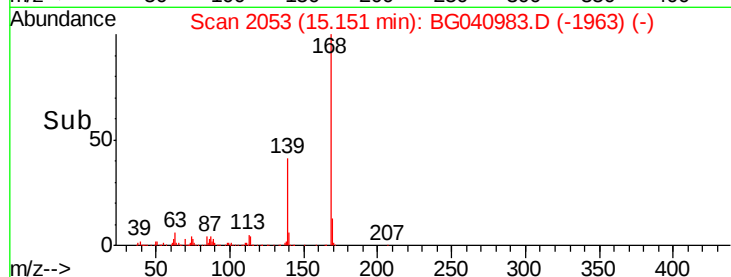
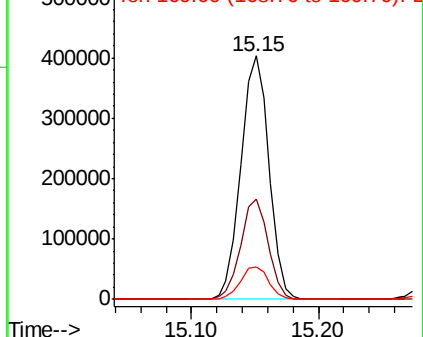


Abundance

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: 83.789 ng

RT: 14.96 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

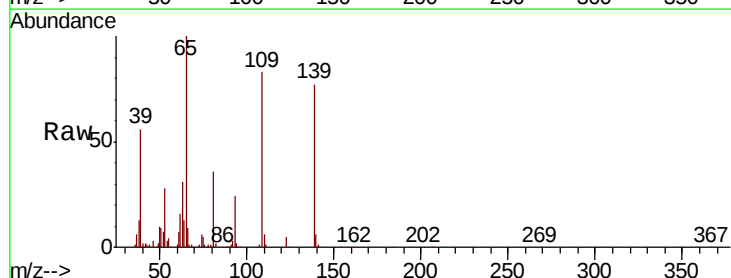
Tgt Ion:139 Resp: 182545

Ion Ratio Lower Upper

139 100

109 108.2 79.6 119.6

65 129.9 96.9 136.9

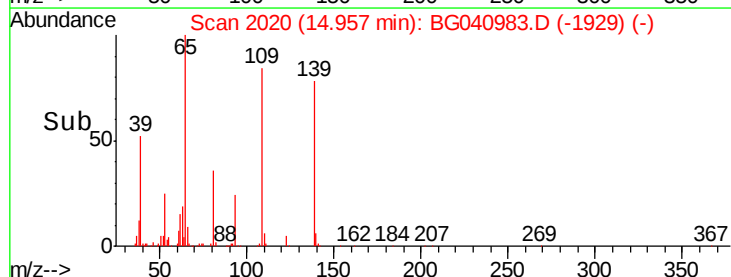
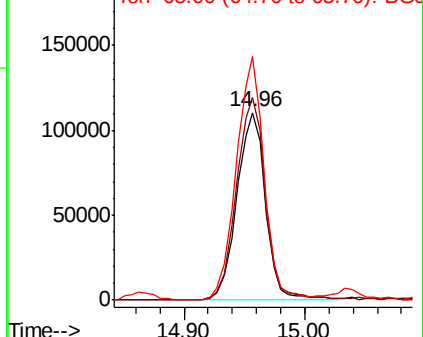


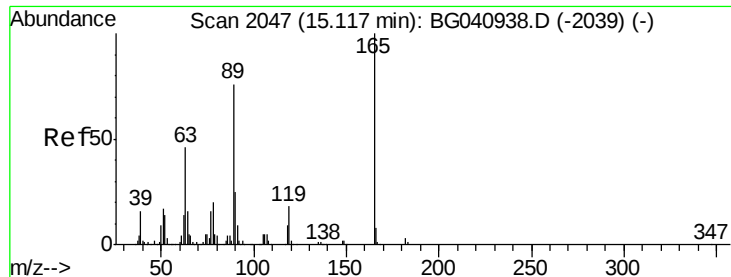
Abundance

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): E

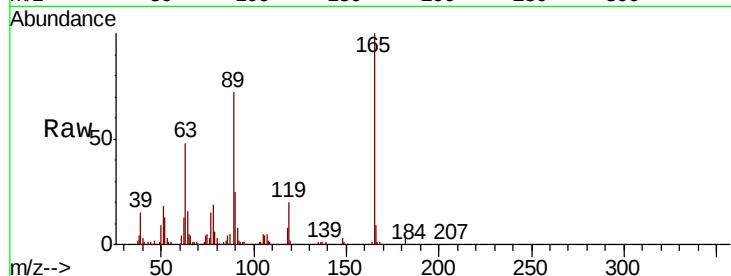




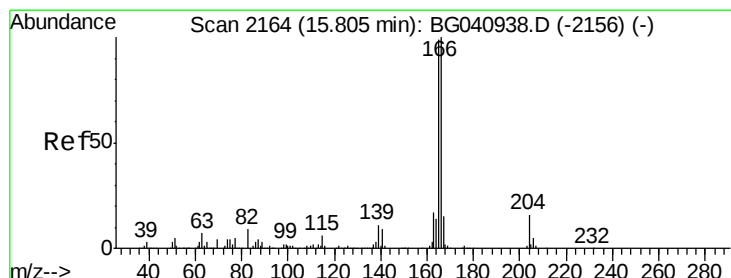
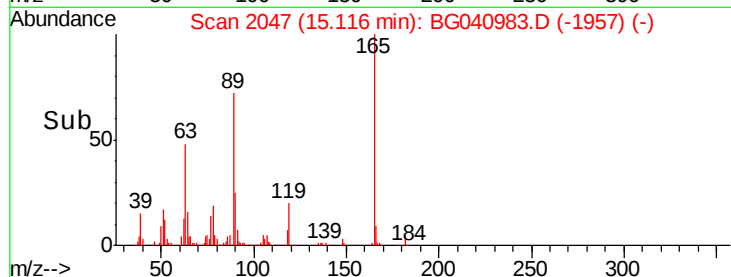
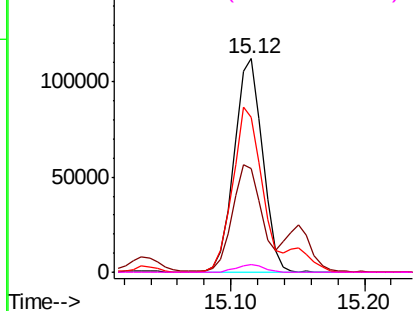
#57
2,4-Dinitrotoluene
Concen: 36.919 ng
RT: 15.12 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

Instrument :
BNA_G
ClientSampleId :
PB118819BSD

Tot Ion:165 Resp: 165651
Ion Ratio Lower Upper
165 100
63 48.3 37.3 55.9
89 72.5 61.0 91.6
182 3.5 2.2 3.2#

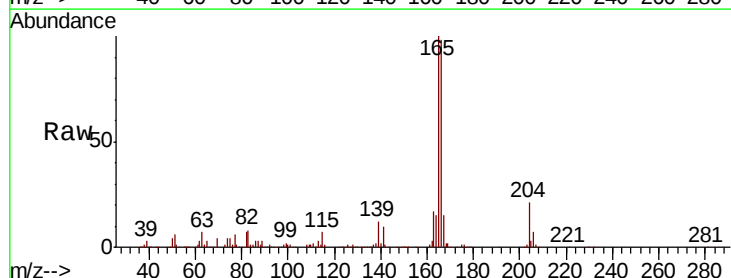


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

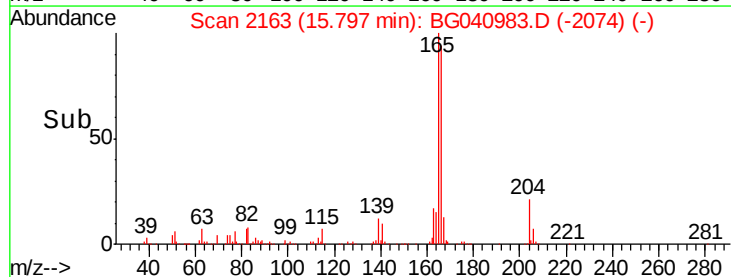
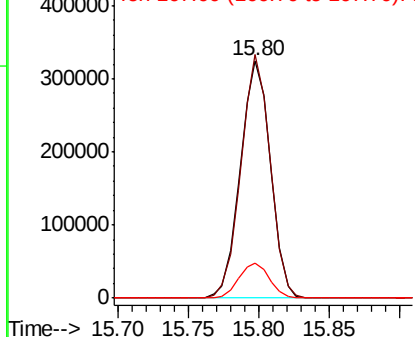


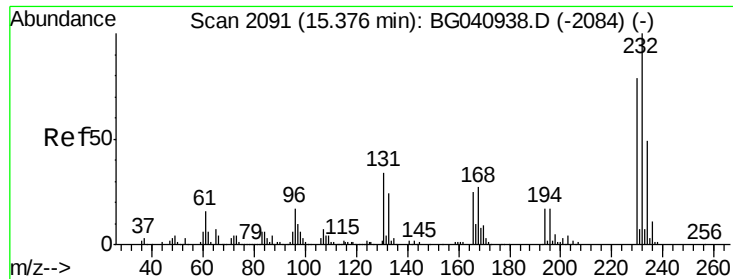
#58
Fluorene
Concen: 35.776 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

Tgt Ion:166 Resp: 483413
Ion Ratio Lower Upper
166 100
165 102.5 79.2 118.8
167 14.9 11.8 17.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

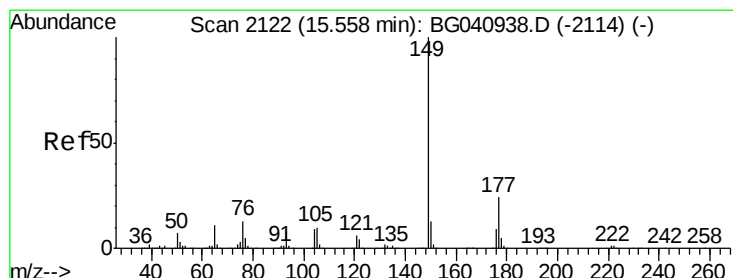
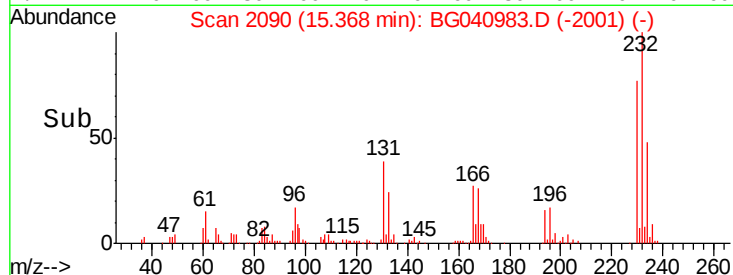
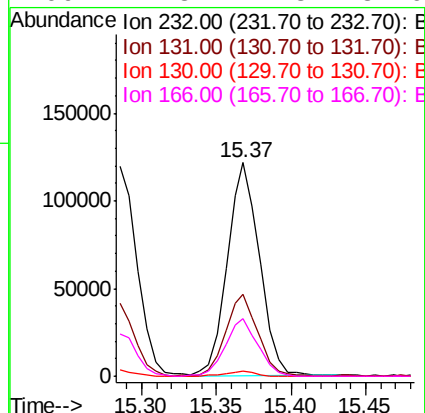
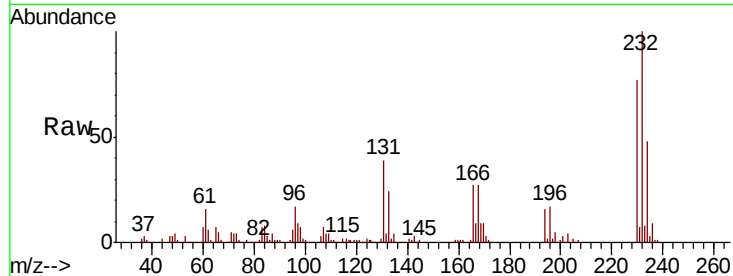




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.804 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG040983.D
 Acq: 31 May 2019 17:58

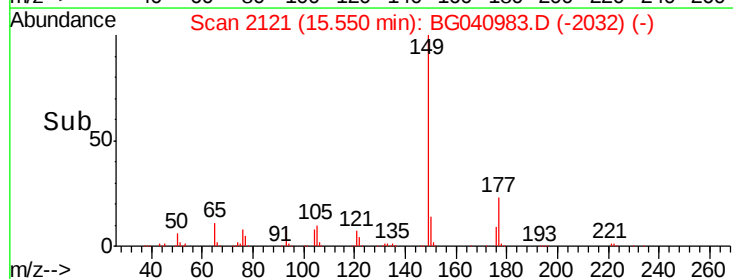
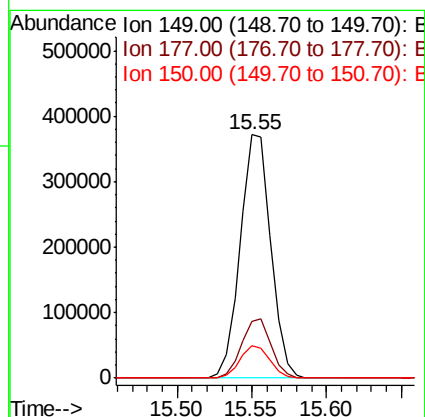
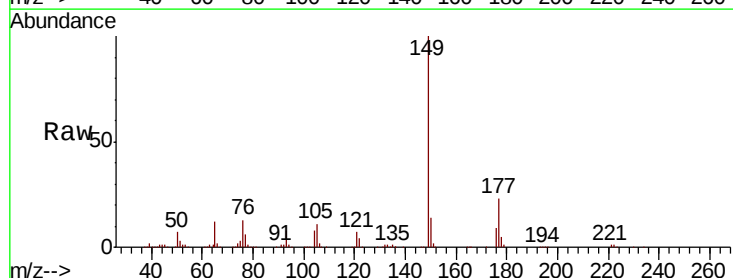
Instrument :
 BNA_G
 ClientSampleId :
 PB118819BSD

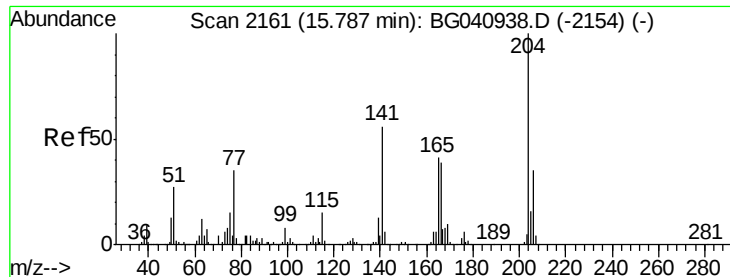
Tot Ion:232	Resp:	182500
Ion Ratio	Lower	Upper
232	100	
131	38.1	30.3 45.5
130	2.4	1.8 2.8
166	27.3	21.3 31.9



#60
 Diethylphthalate
 Concen: 35.111 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG040983.D
 Acq: 31 May 2019 17:58

Tgt Ion:149	Resp:	527882
Ion Ratio	Lower	Upper
149	100	
177	23.2	19.4 29.0
150	13.5	10.3 15.5

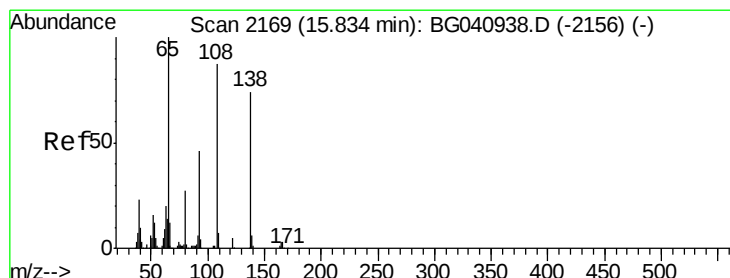
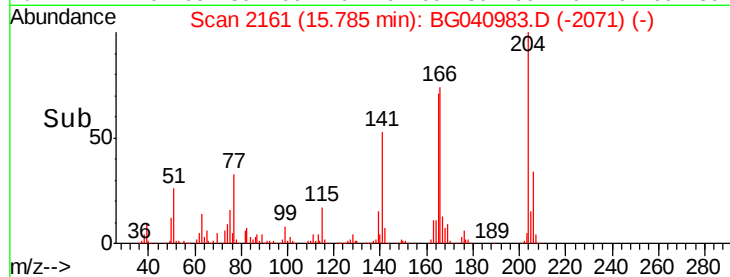
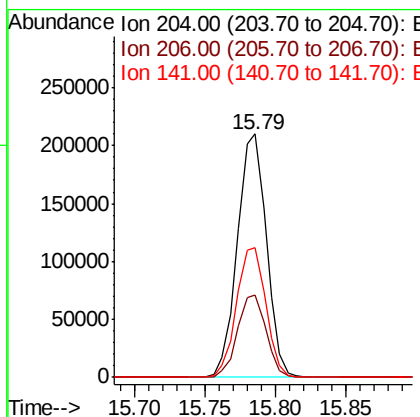
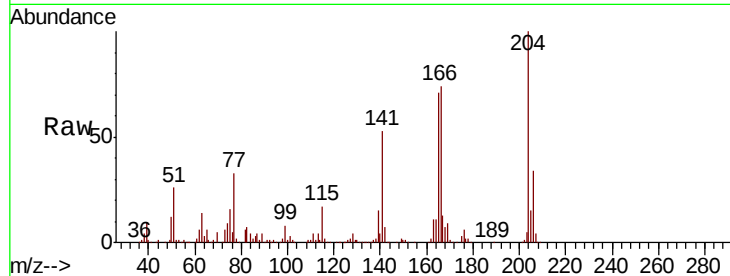




#61
 4-Chlorophenyl-phenylether
 Concen: 34.349 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG040983.D
 Acq: 31 May 2019 17:58

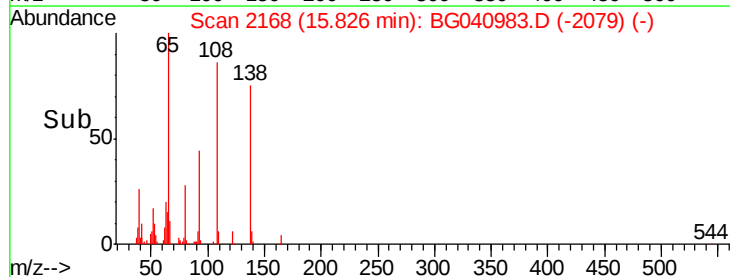
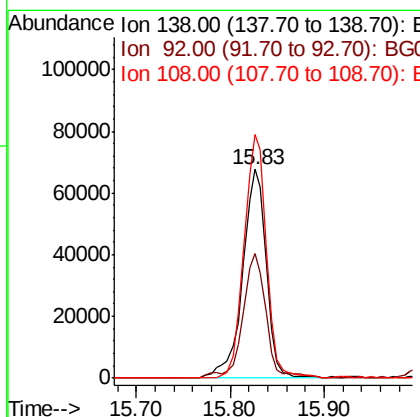
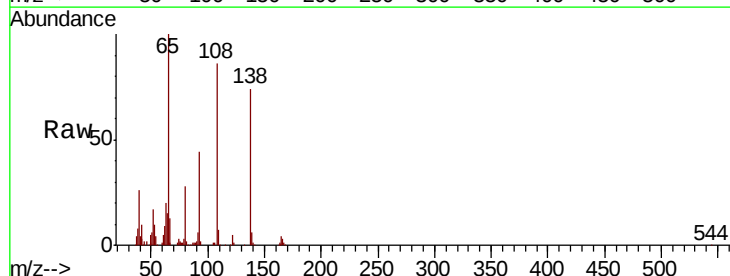
Instrument :
 BNA_G
 ClientSampleId :
 PB118819BSD

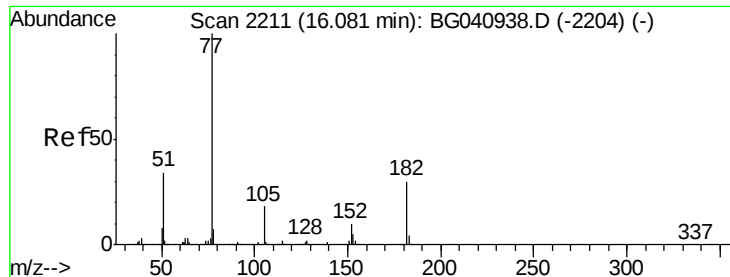
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.6	41.4
141	53.2	45.1	67.7



#62
 4-Nitroaniline
 Concen: 35.097 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BG040983.D
 Acq: 31 May 2019 17:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.4	42.4	82.4
108	116.5	96.9	136.9

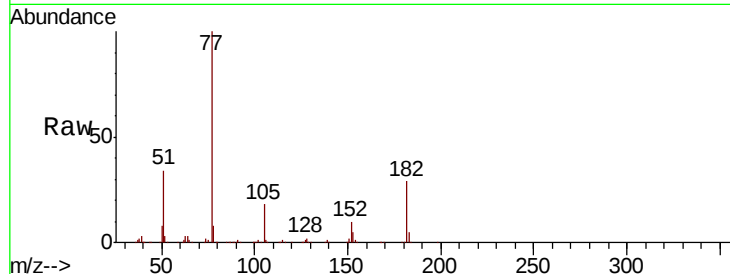




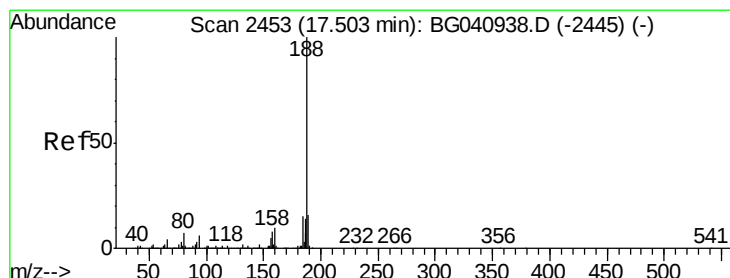
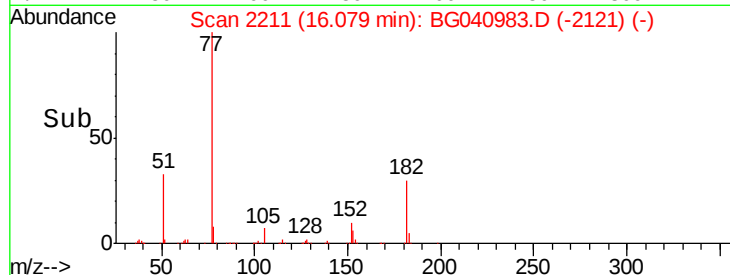
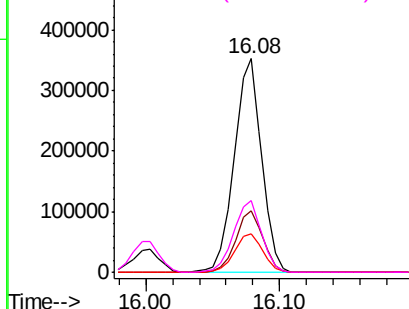
#63
Azobenzene
Concen: 36.537 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

Instrument :
BNA_G
ClientSampleId :
PB118819BSD

Tot Ion:	77	Resp:	499265
Ion	Ratio	Lower	Upper
77	100		
182	28.5	9.6	49.6
105	18.1	0.0	37.5
51	33.6	13.7	53.7

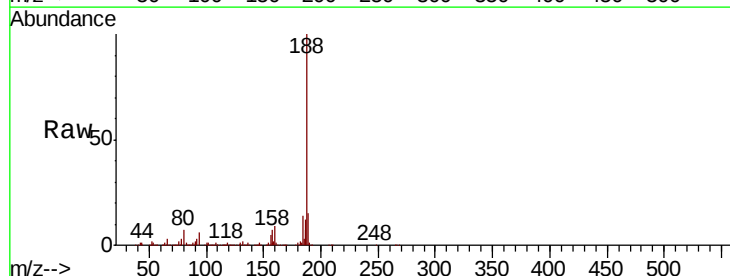


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

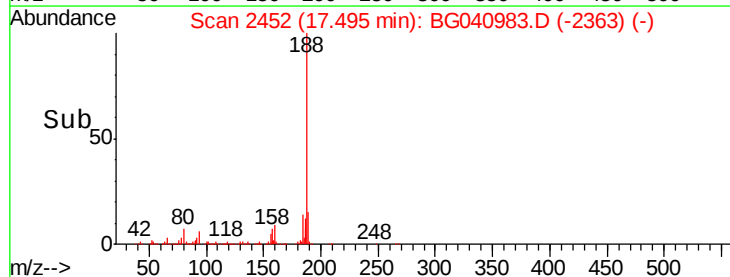
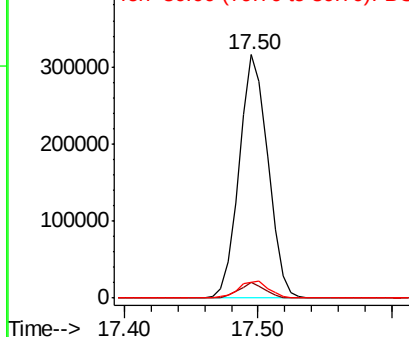


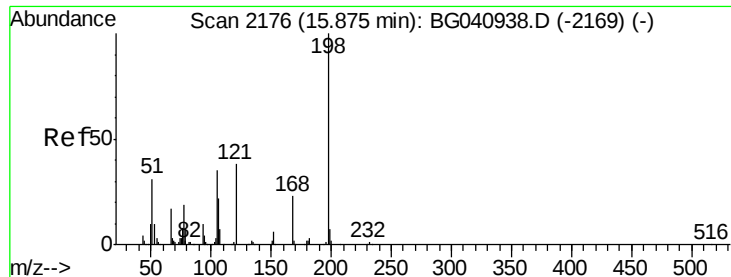
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

Tgt Ion:	188	Resp:	469509
Ion	Ratio	Lower	Upper
188	100		
94	6.5	4.7	7.1
80	6.7	5.8	8.8



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: 39.342 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Instrument :

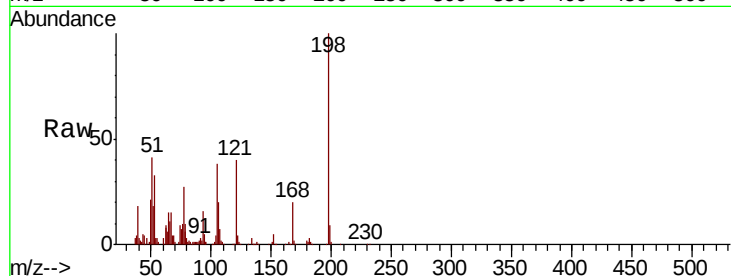
BNA_G

ClientSampleId :

PB118819BSD

Tot Ion:198 Resp: 94234

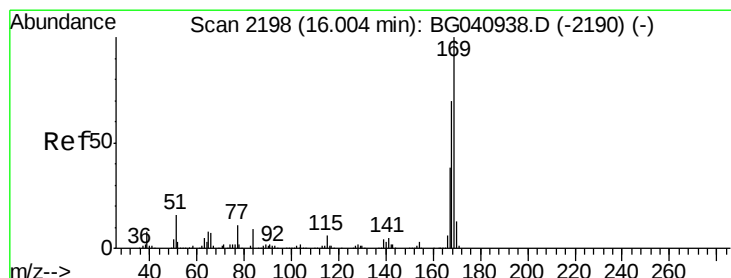
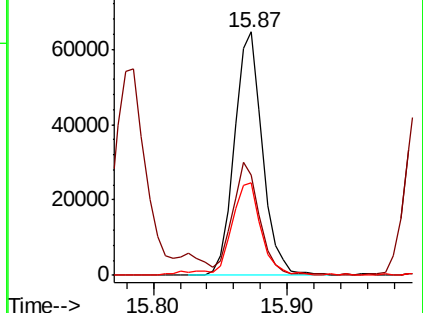
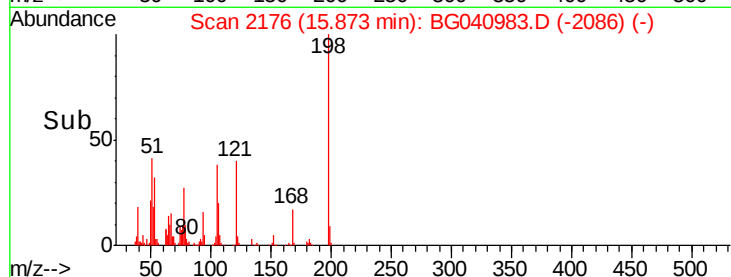
Ion	Ratio	Lower	Upper
198	100		
51	41.1	21.6	61.6
105	38.2	17.5	57.5



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: 33.845 ng

RT: 16.00 min Scan# 2198

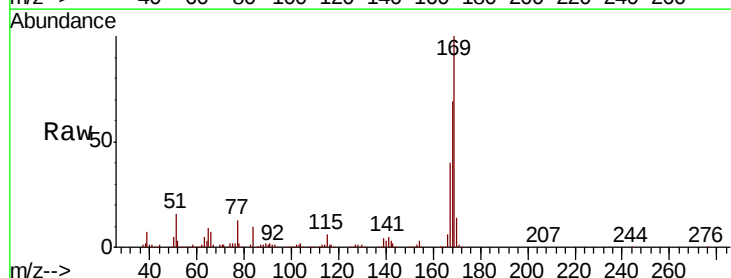
Delta R.T. -0.00 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Tgt Ion:169 Resp: 446698

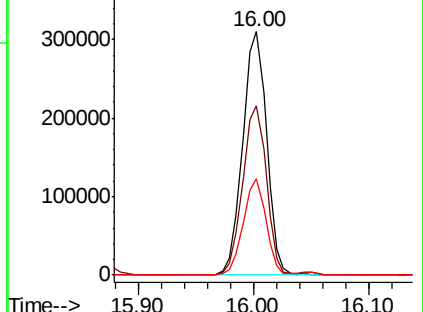
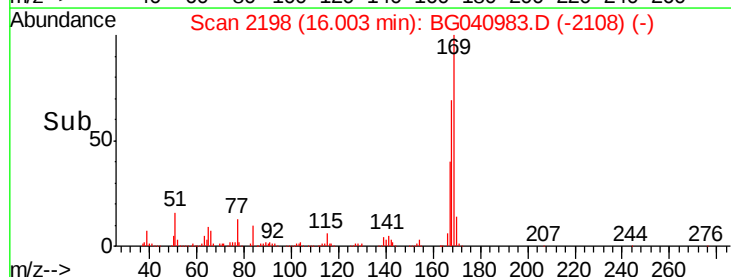
Ion	Ratio	Lower	Upper
169	100		
168	69.4	55.7	83.5
167	39.5	30.2	45.2

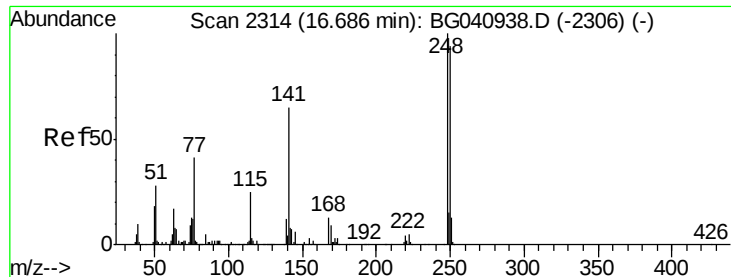


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

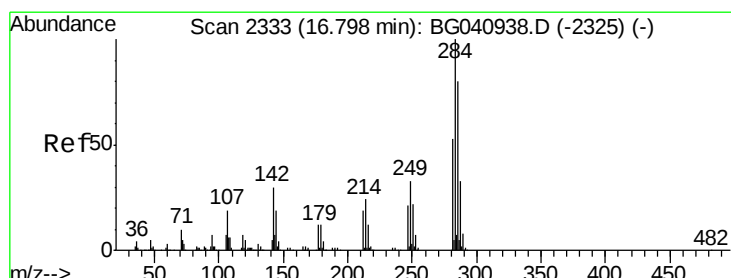
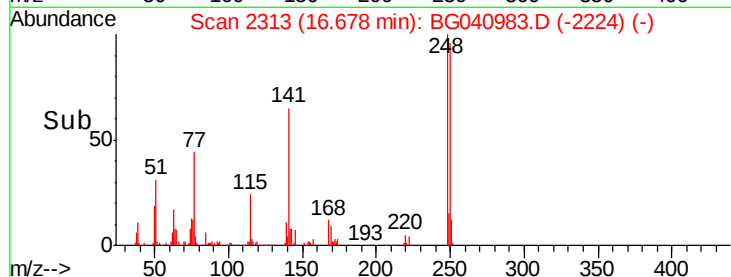
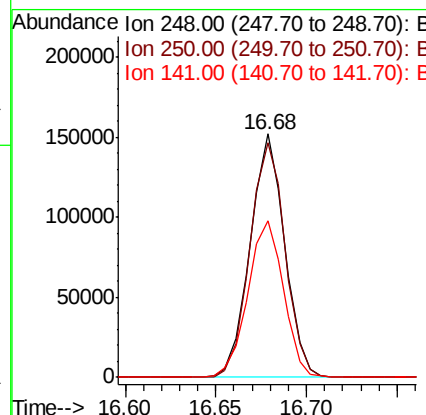
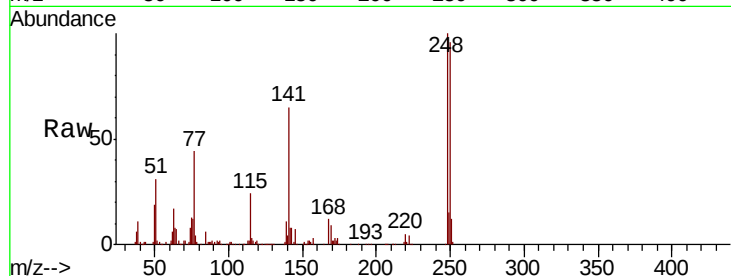




#67
4-Bromophenyl-phenylether
Concen: 31.698 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

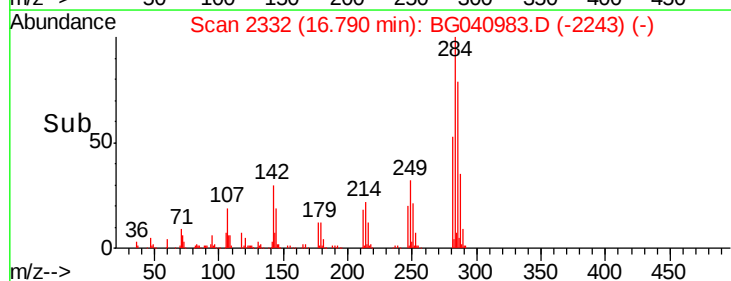
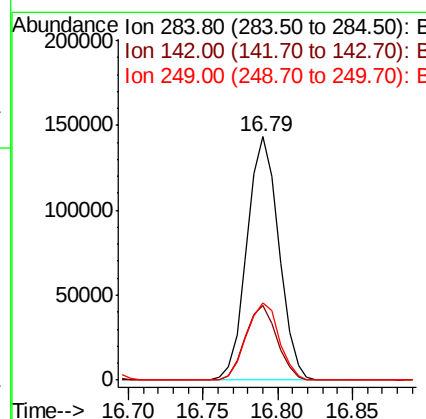
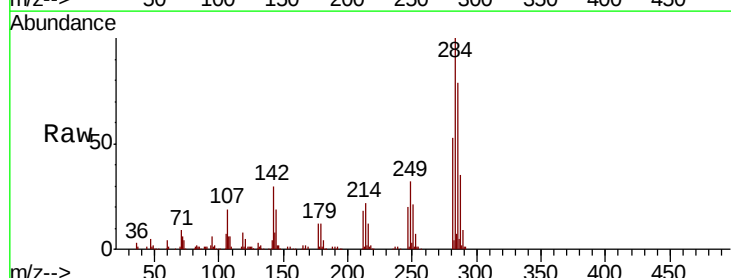
Instrument :
BNA_G
ClientSampleId :
PB118819BSD

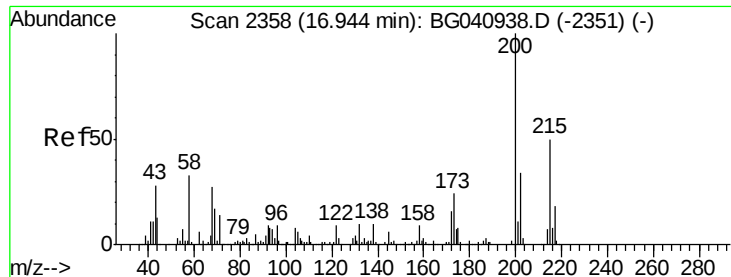
Tot Ion:248 Resp: 200846
Ion Ratio Lower Upper
248 100
250 96.4 75.0 112.4
141 64.6 52.4 78.6



#68
Hexachlorobenzene
Concen: 31.322 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

Tgt Ion:284 Resp: 211334
Ion Ratio Lower Upper
284 100
142 30.5 23.9 35.9
249 31.9 26.8 40.2





#69

Atrazine

Concen: 37.488 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB118819BSD

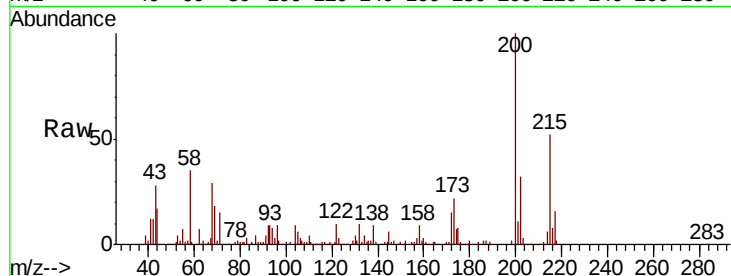
Tot Ion:200 Resp: 190913

Ion Ratio Lower Upper

200 100

173 22.4 3.6 43.6

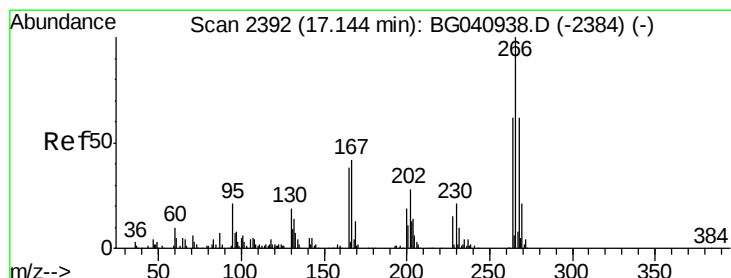
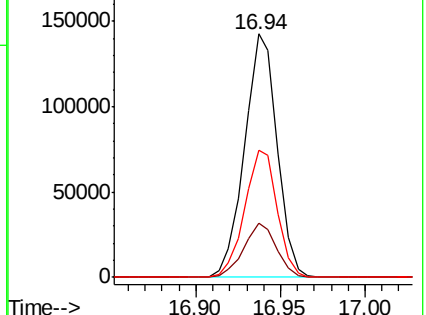
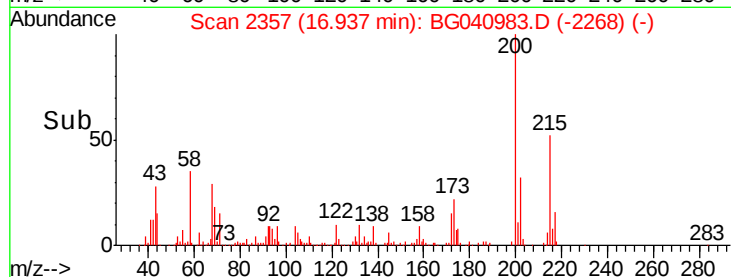
215 52.0 29.6 69.6



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: 72.917 ng

RT: 17.14 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

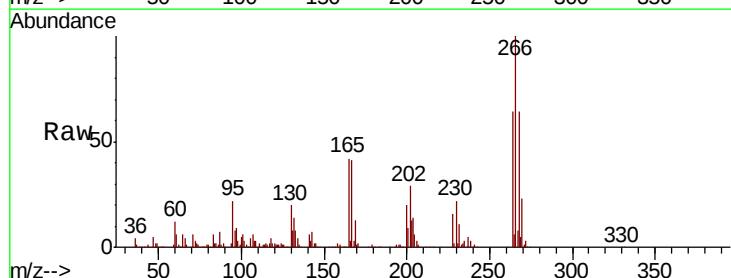
Tgt Ion:266 Resp: 262114

Ion Ratio Lower Upper

266 100

268 63.7 53.1 79.7

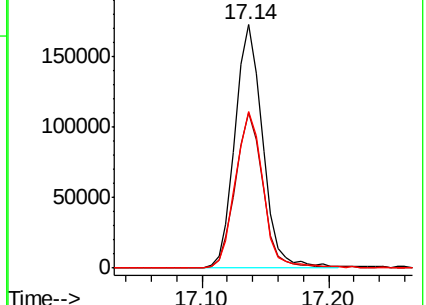
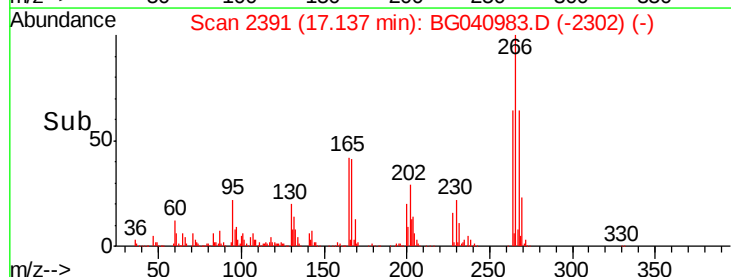
264 64.4 49.9 74.9

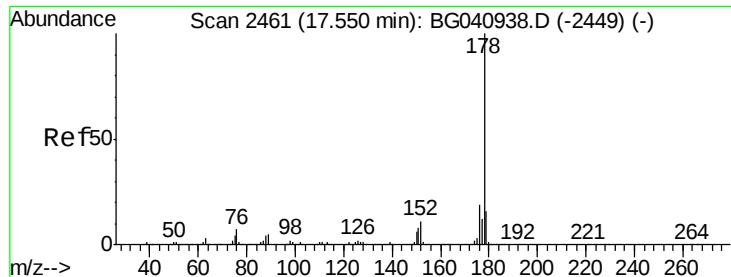


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

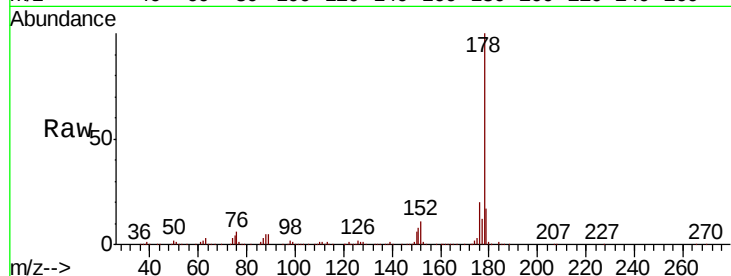




#71
Phenanthrene
Concen: 34.848 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

Instrument :
BNA_G
ClientSampleId :
PB118819BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.5	23.3
179	17.2	12.7	19.1

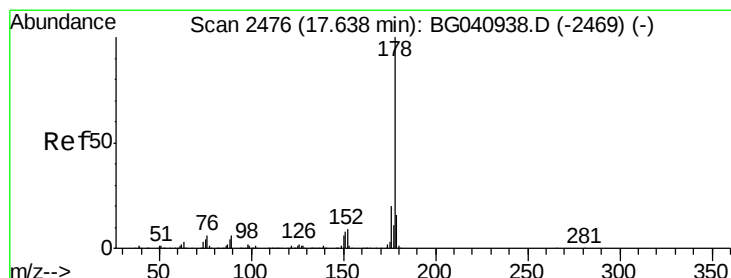
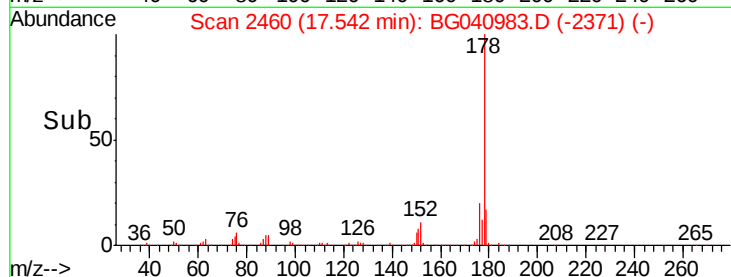
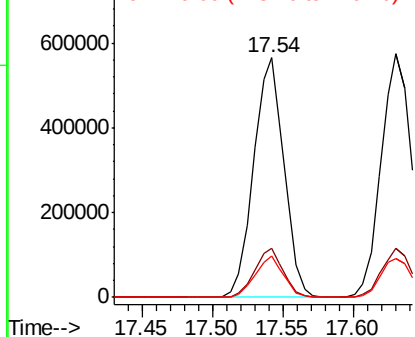


Abundance

Ion 178.00 (177.70 to 178.70): E

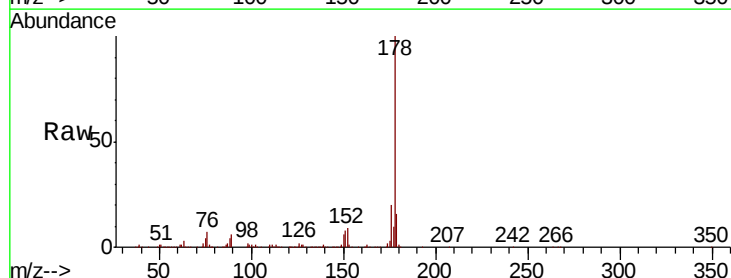
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 35.727 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.6	23.4
179	16.2	13.0	19.4

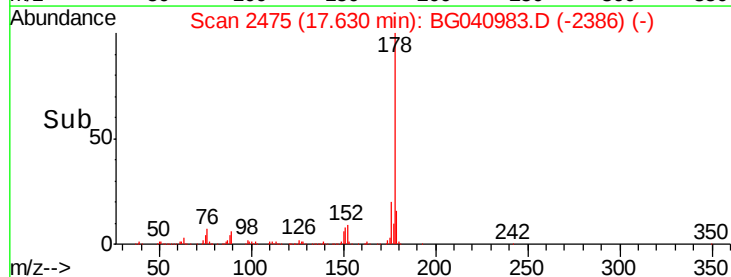
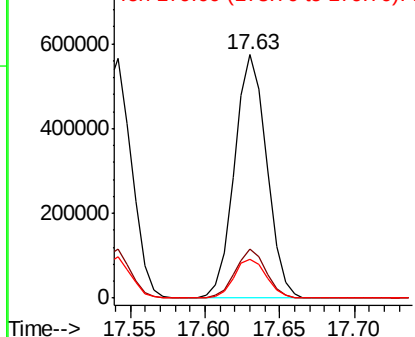


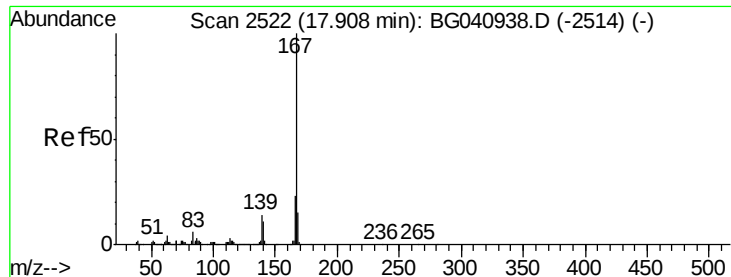
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.482 ng

RT: 17.90 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB118819BSD

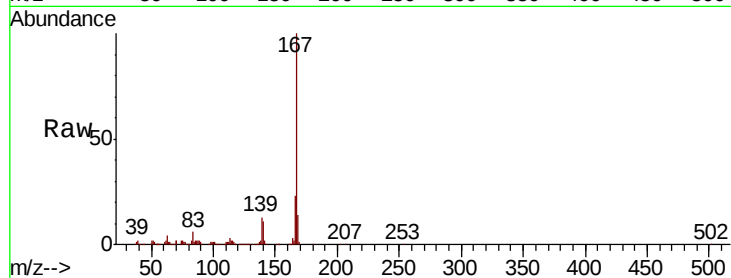
Tot Ion:167 Resp: 775740

Ion Ratio Lower Upper

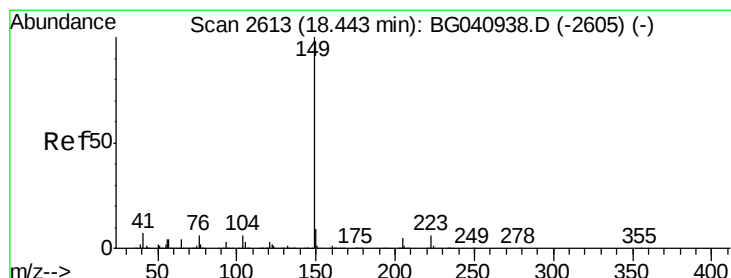
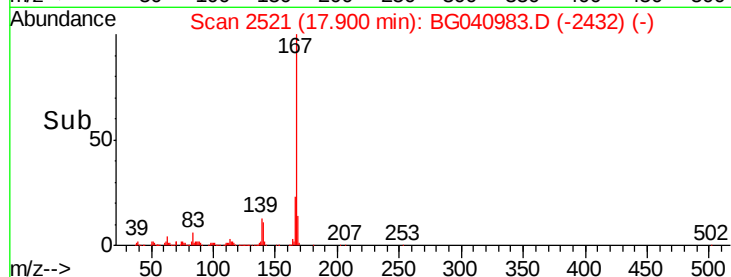
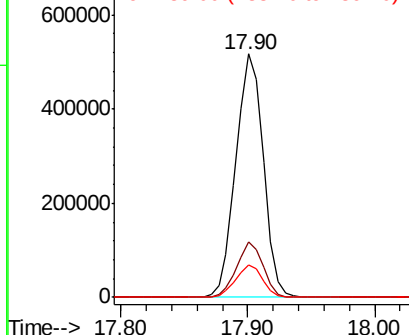
167 100

166 22.9 18.2 27.4

139 13.1 10.8 16.2



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



#74

Di-n-butylphthalate

Concen: 35.212 ng

RT: 18.44 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

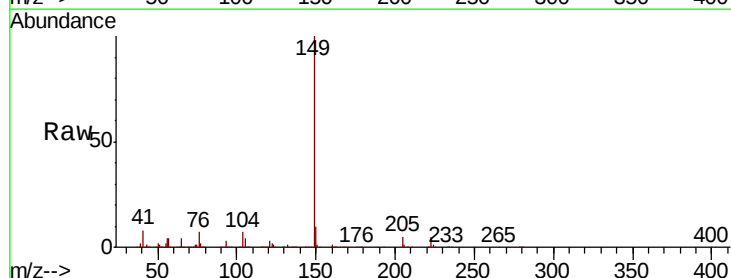
Tgt Ion:149 Resp: 905755

Ion Ratio Lower Upper

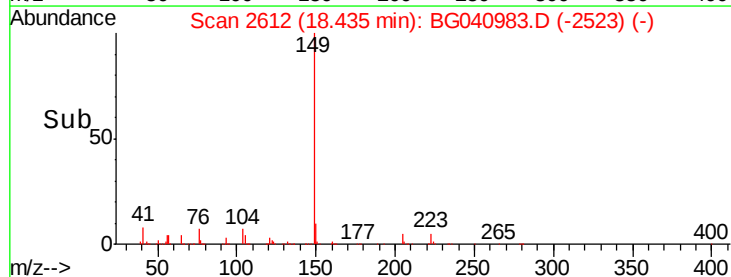
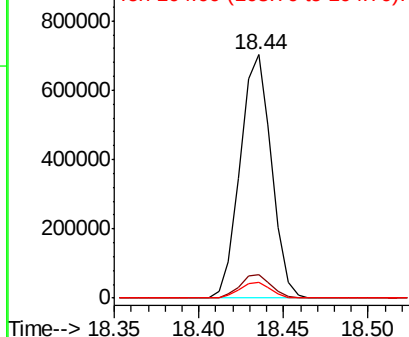
149 100

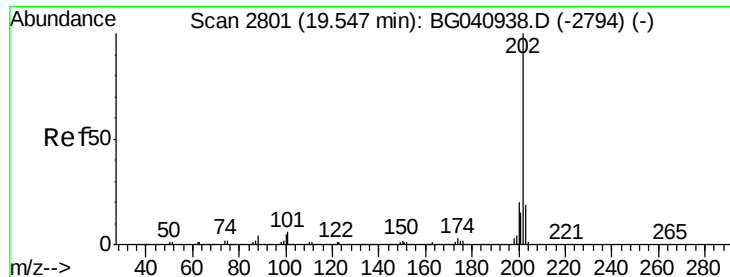
150 9.7 7.4 11.2

104 6.5 5.0 7.4



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





#75

Fluoranthene

Concen: 37.698 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB118819BSD

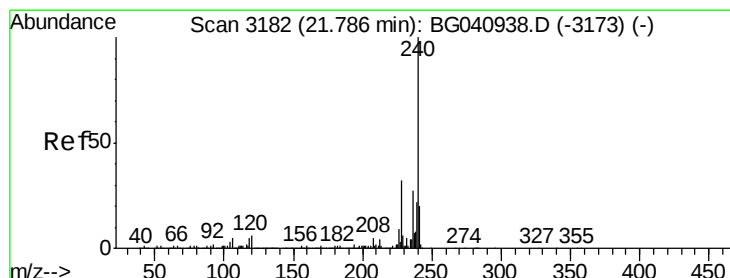
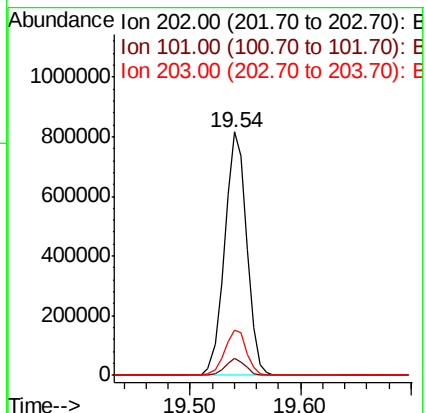
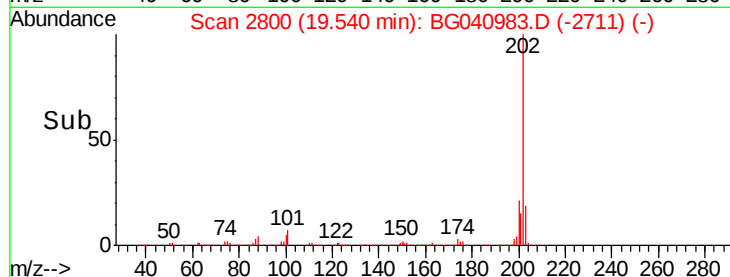
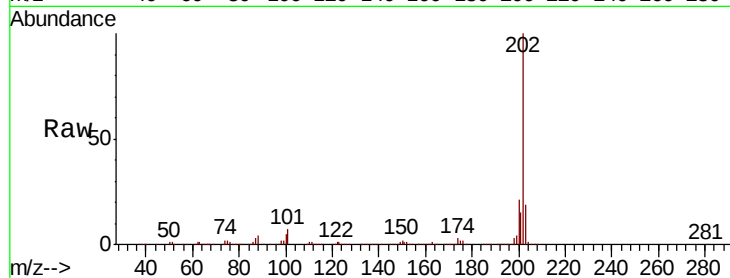
Tot Ion:202 Resp: 1138742

Ion Ratio Lower Upper

202 100

101 6.9 0.0 26.2

203 18.8 0.0 38.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

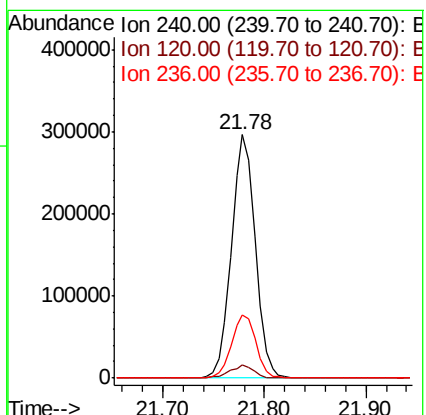
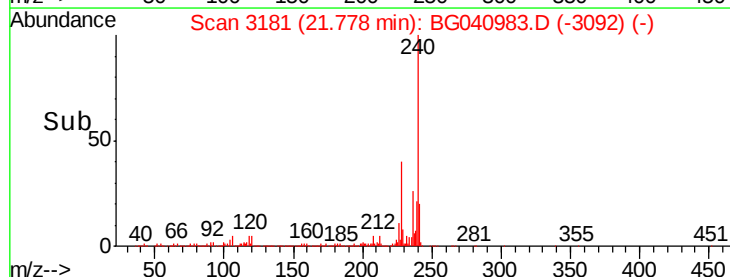
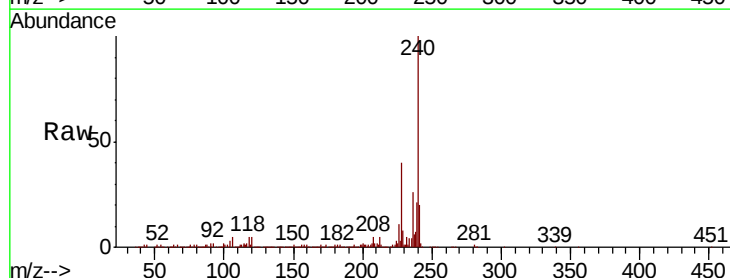
Tgt Ion:240 Resp: 481382

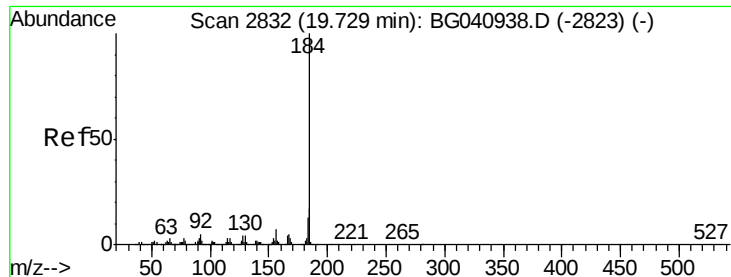
Ion Ratio Lower Upper

240 100

120 5.3 4.5 6.7

236 25.8 21.3 31.9





#77

Benzidine

Concen: 30.957 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB118819BSD

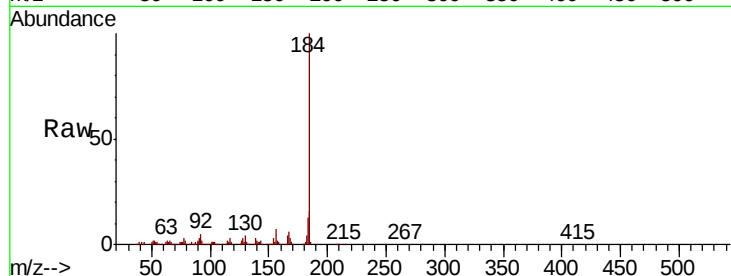
Tot Ion:184 Resp: 355493

Ion Ratio Lower Upper

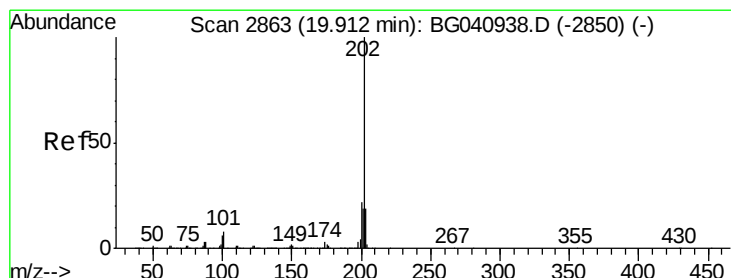
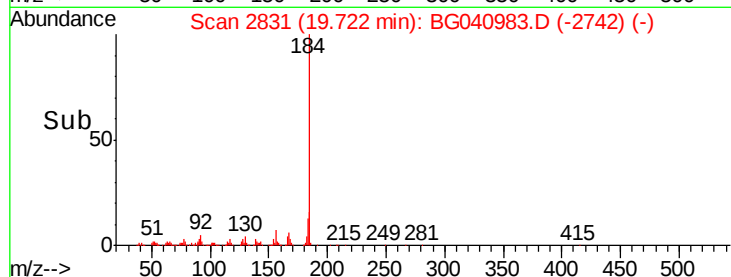
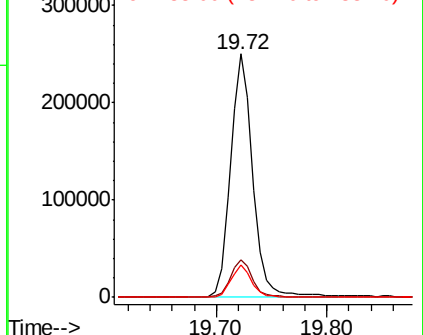
184 100

185 15.6 13.3 19.9

183 13.1 10.7 16.1



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: 36.556 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

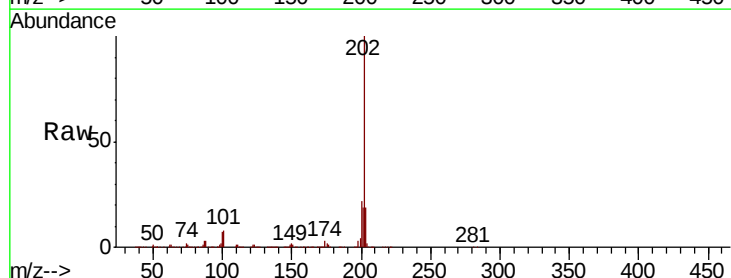
Tgt Ion:202 Resp: 1143947

Ion Ratio Lower Upper

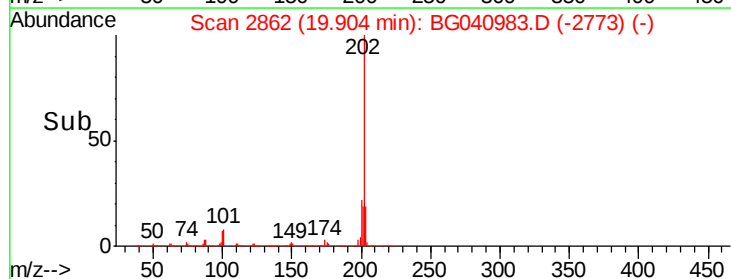
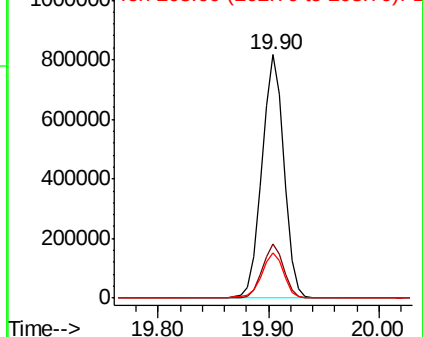
202 100

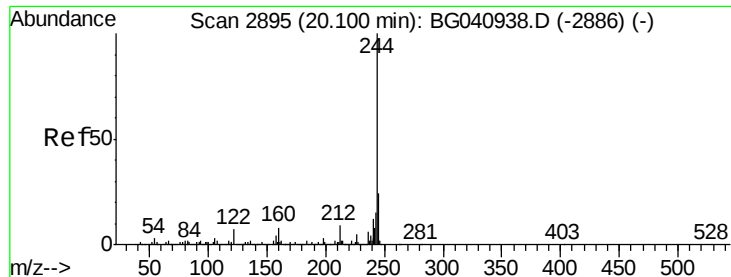
200 22.3 17.5 26.3

203 18.8 15.6 23.4



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: 82.768 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB118819BSD

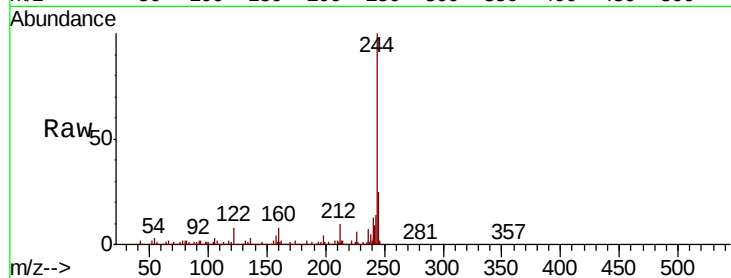
Tot Ion:244 Resp: 1877304

Ion Ratio Lower Upper

244 100

212 9.8 7.0 10.4

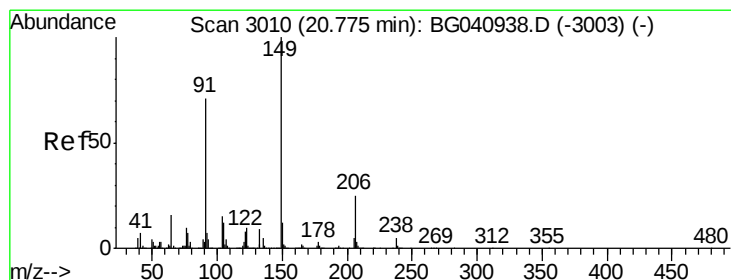
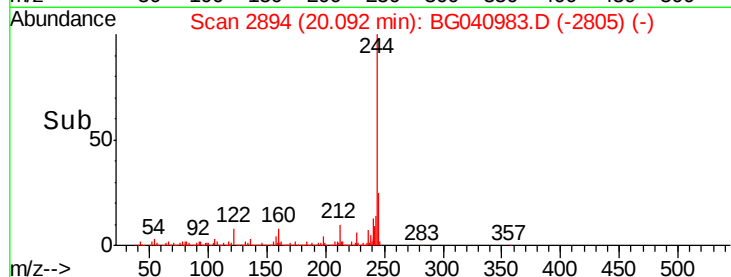
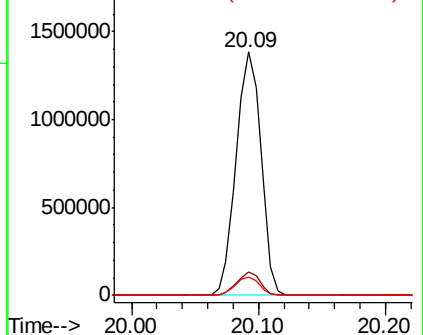
122 7.7 5.4 8.0



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: 35.557 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

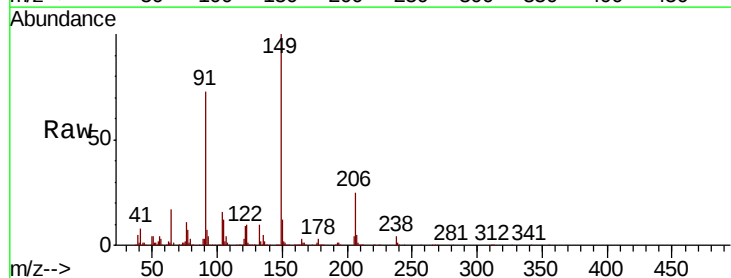
Tgt Ion:149 Resp: 433006

Ion Ratio Lower Upper

149 100

91 72.6 56.5 84.7

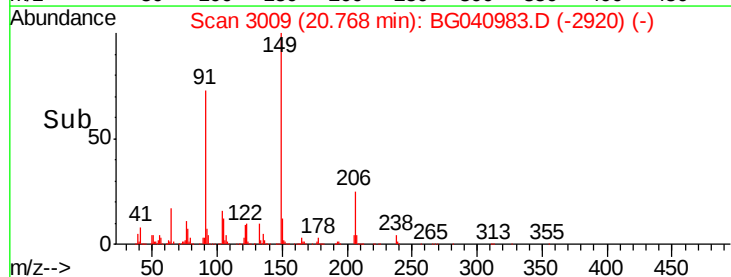
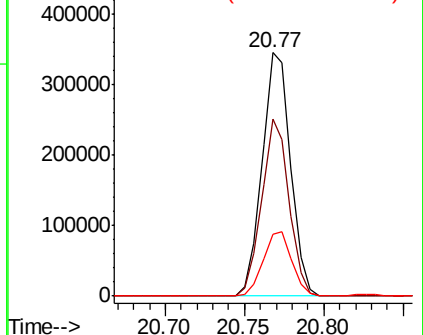
206 25.3 20.3 30.5

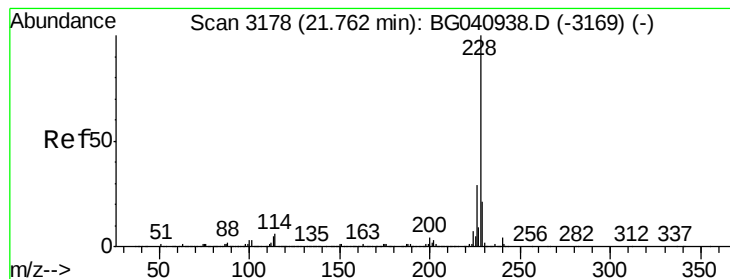


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.728 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Instrument :

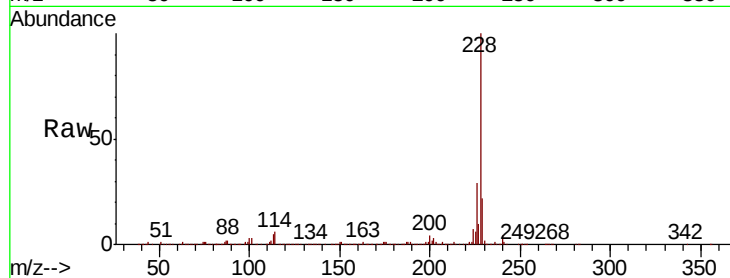
BNA_G

ClientSampleId :

PB118819BSD

Tot Ion:228 Resp: 1112819

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.5	35.3
229	21.9	16.7	25.1

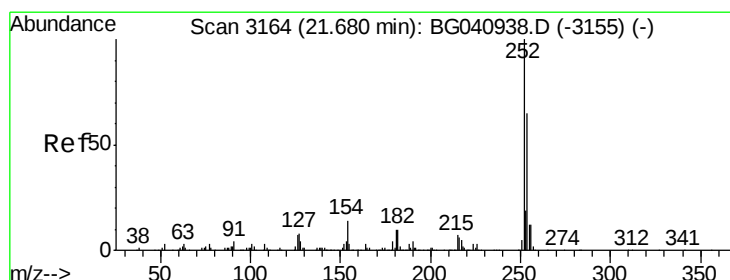
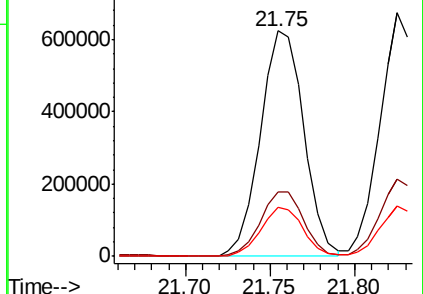
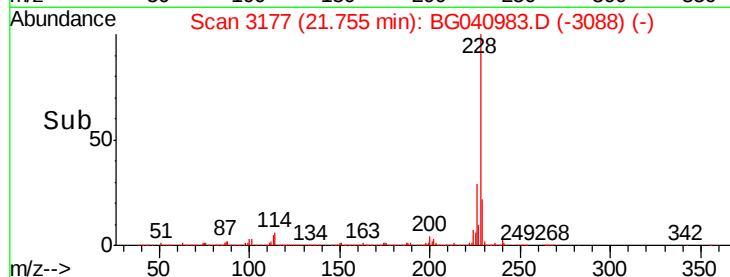


Abundance

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: 25.166 ng

RT: 21.67 min Scan# 3163

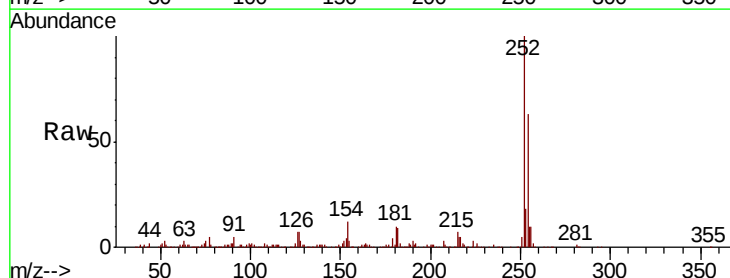
Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Tgt Ion:252 Resp: 283630

Ion	Ratio	Lower	Upper
252	100		
254	62.5	52.1	78.1
126	6.7	5.5	8.3

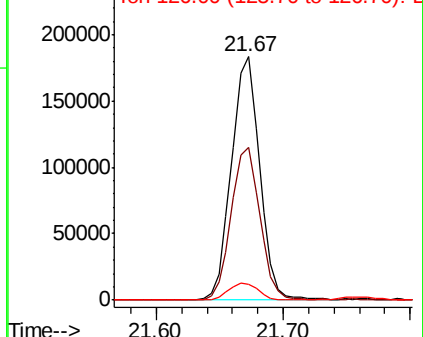
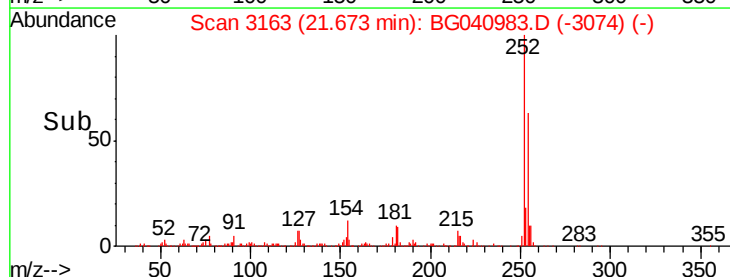


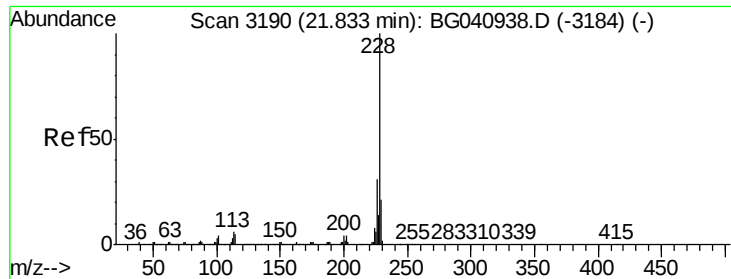
Abundance

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

Chrvsene

Concen: 35.654 ng

RT: 21.83 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Instrument :

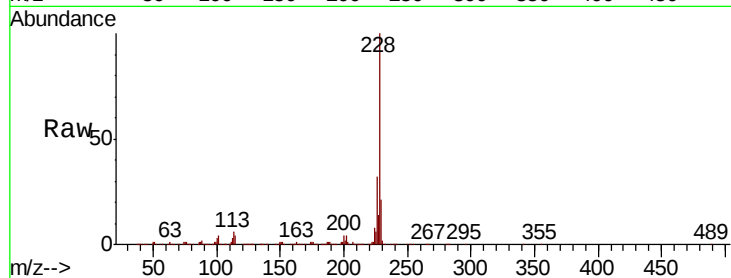
BNA_G

ClientSampleId :

PB118819BSD

Tot Ion:228 Resp: 1093322

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.6	37.0
229	20.8	16.6	24.8

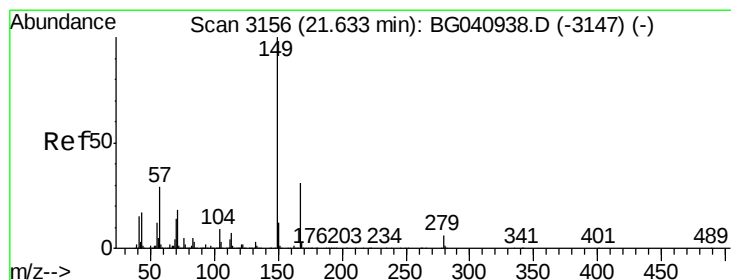
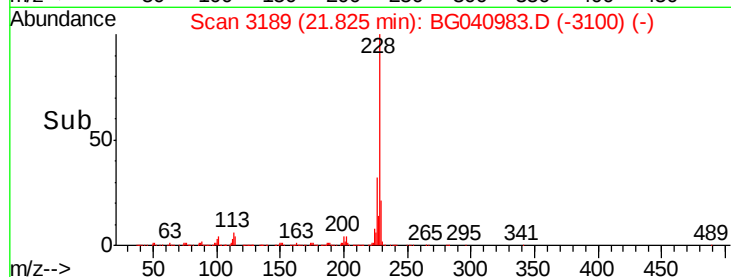
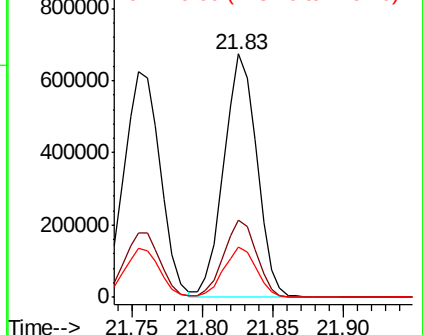


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.499 ng

RT: 21.63 min Scan# 3155

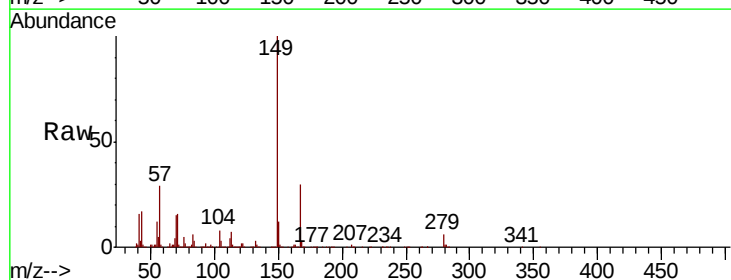
Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Tgt Ion:149 Resp: 591409

Ion	Ratio	Lower	Upper
149	100		
167	30.4	24.6	37.0
279	6.0	5.0	7.6

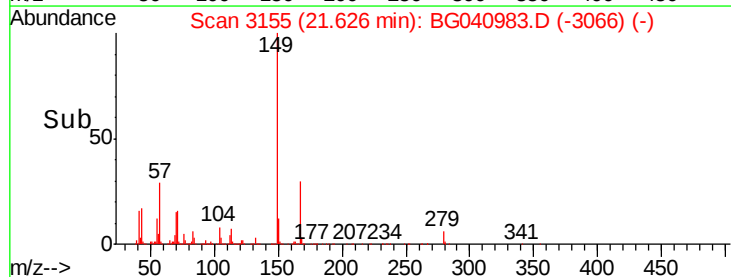
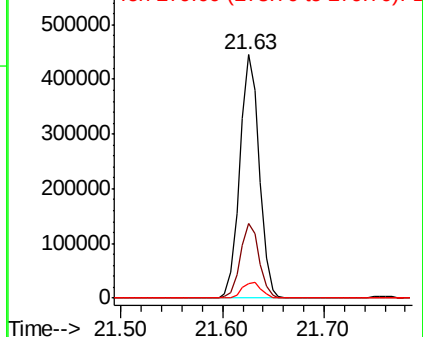


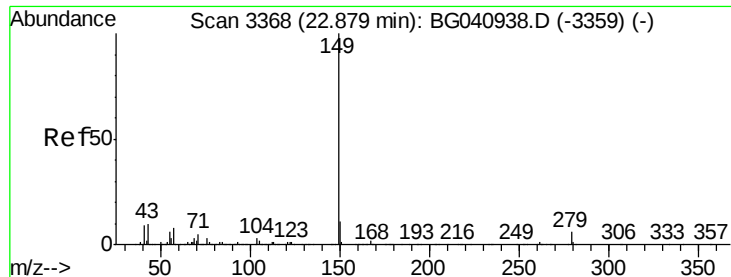
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 35.075 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB118819BSD

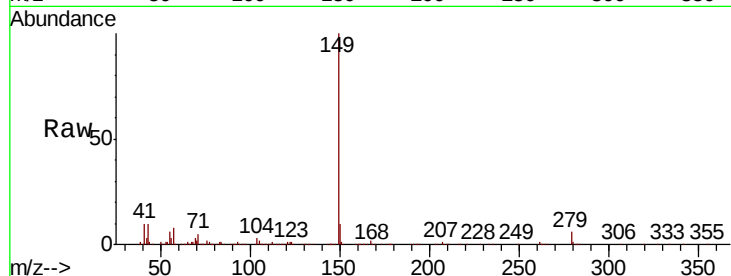
Tot Ion:149 Resp: 1001413

Ion Ratio Lower Upper

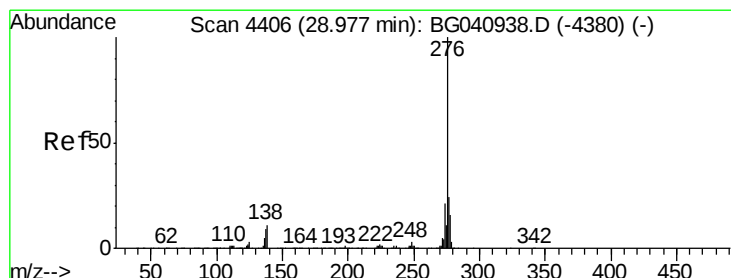
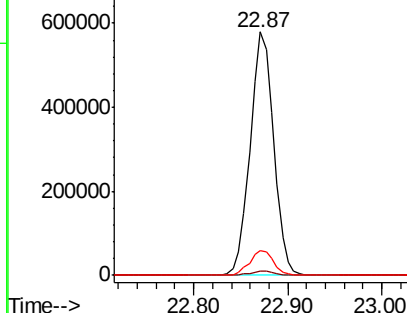
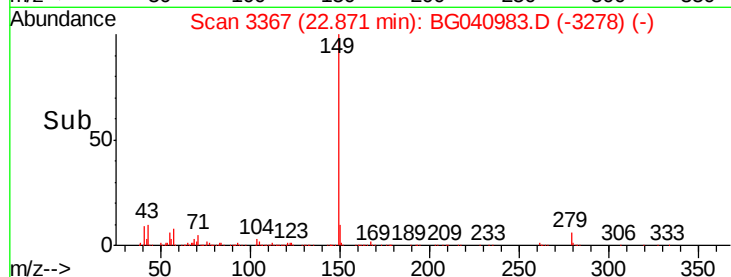
149 100

167 1.8 1.4 2.0

43 10.1 8.1 12.1



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: 34.814 ng

RT: 28.96 min Scan# 4403

Delta R.T. -0.02 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

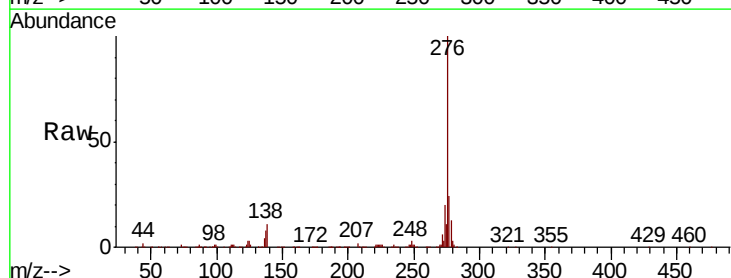
Tgt Ion:276 Resp: 1307716

Ion Ratio Lower Upper

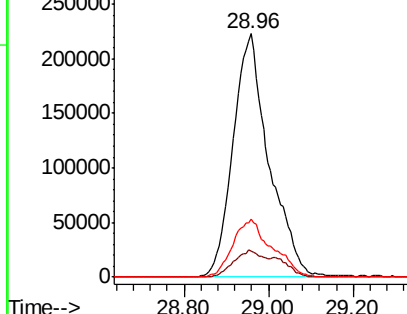
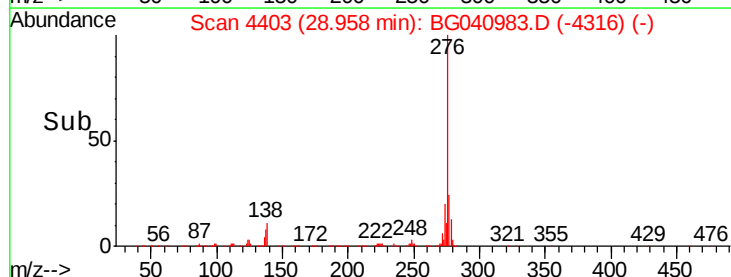
276 100

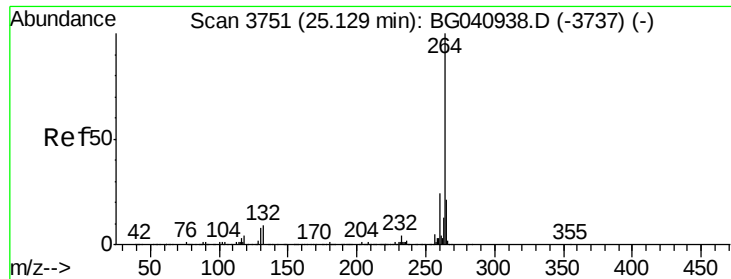
138 9.3 5.7 8.5#

277 25.7 20.8 31.2



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3749

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB118819BSD

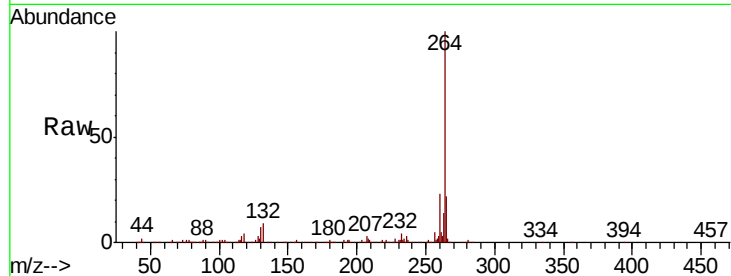
Tot Ion:264 Resp: 434913

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 22.3 17.0 25.4

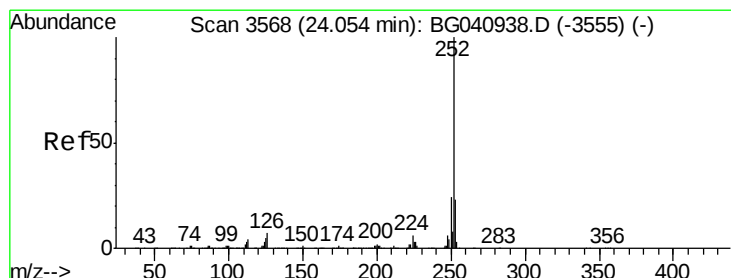
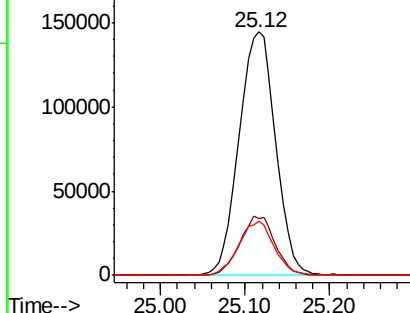
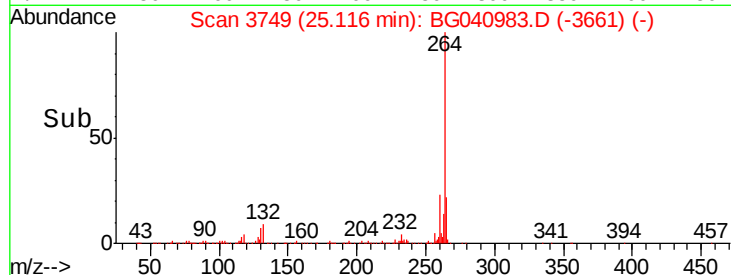


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.988 ng

RT: 24.05 min Scan# 3567

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

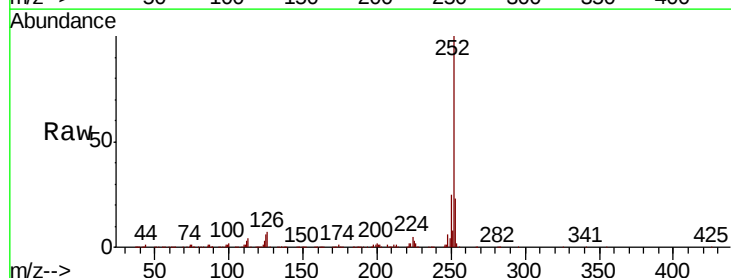
Tgt Ion:252 Resp: 1133984

Ion Ratio Lower Upper

252 100

253 23.4 18.4 27.6

125 5.9 4.3 6.5

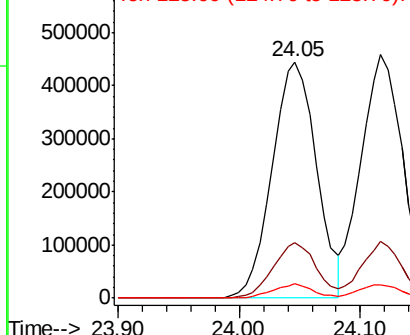
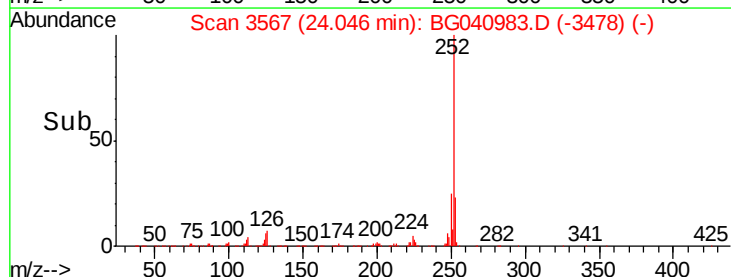


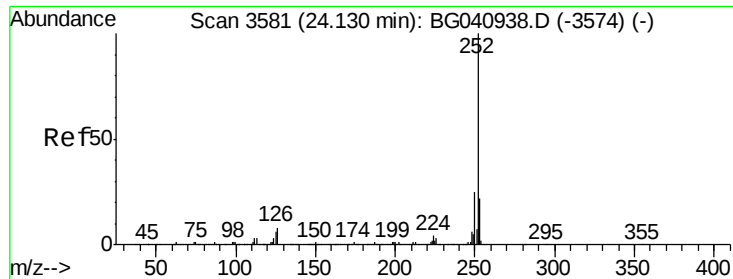
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 42.101 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB118819BSD

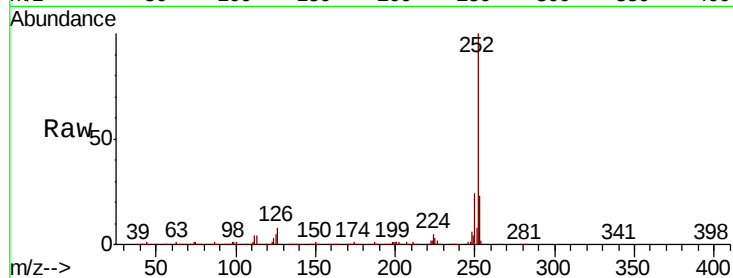
Tot Ion:252 Resp: 1098998

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

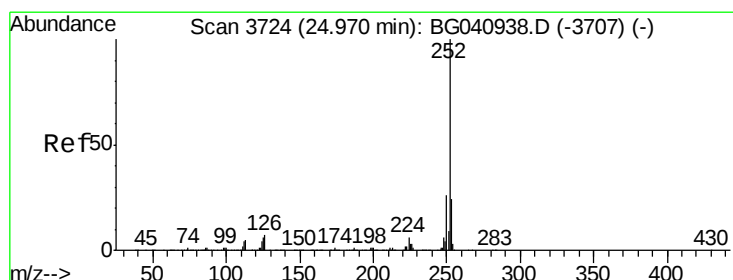
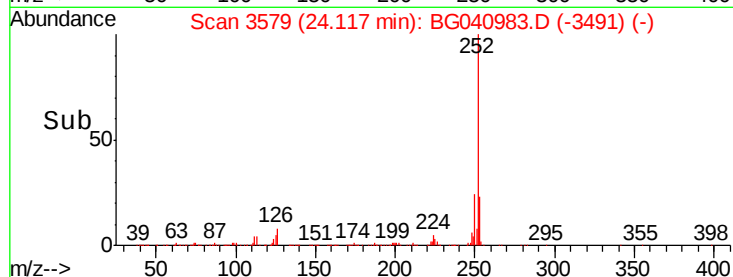
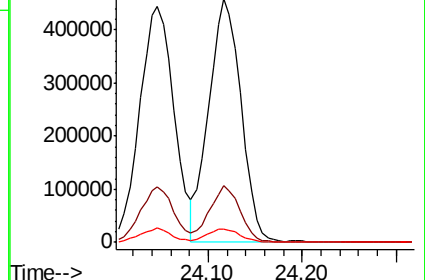
125 5.4 4.7 7.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.549 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.01 min

Lab File: BG040983.D

Acq: 31 May 2019 17:58

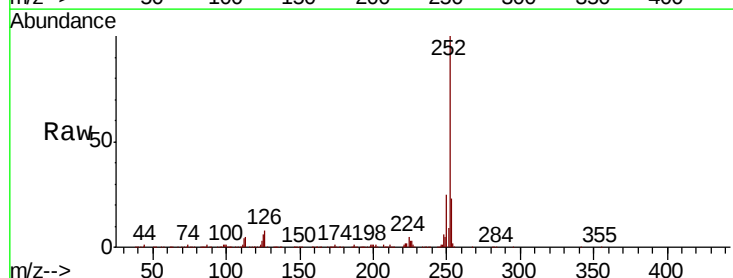
Tgt Ion:252 Resp: 1096008

Ion Ratio Lower Upper

252 100

253 23.0 19.5 29.3

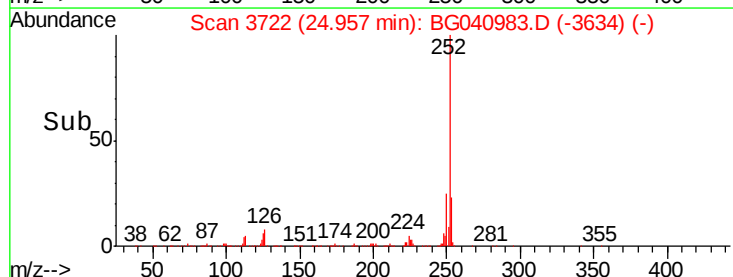
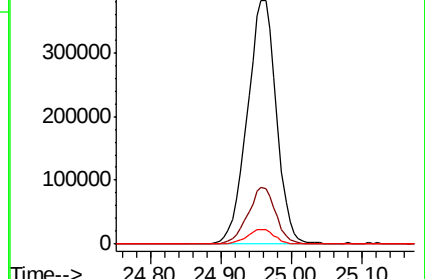
125 6.1 5.1 7.7

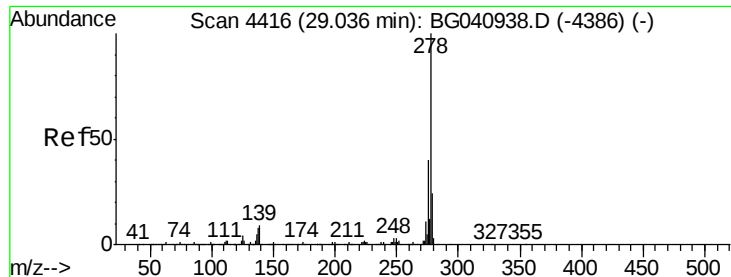


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

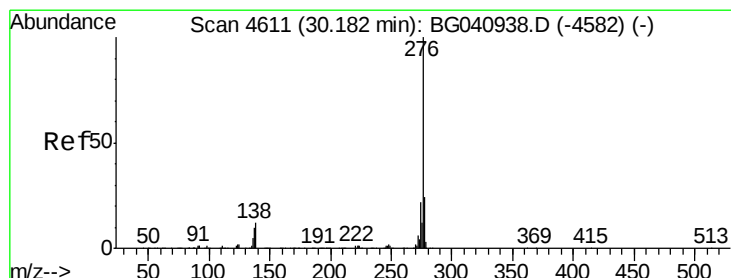
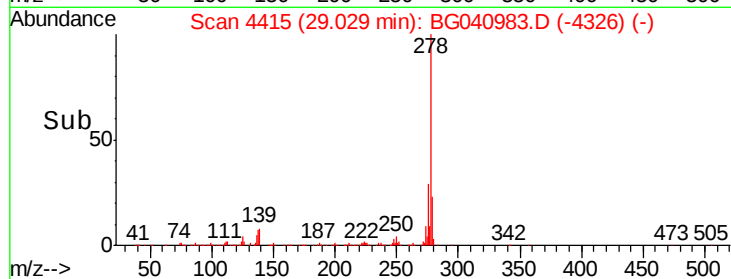
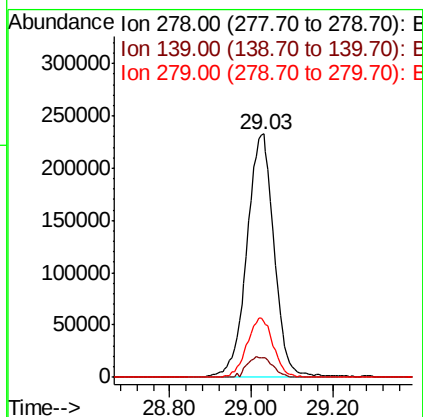
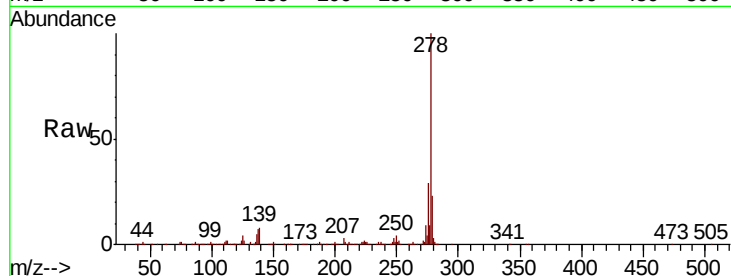




#91
Dibenzo(a,h)anthracene
Concen: 42.687 ng
RT: 29.03 min Scan# 4415
Delta R.T. -0.01 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

Instrument :
BNA_G
ClientSampleId :
PB118819BSD

Tot Ion:278 Resp: 1073468
Ion Ratio Lower Upper
278 100
139 8.1 7.1 10.7
279 22.9 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 44.066 ng
RT: 30.16 min Scan# 4608
Delta R.T. -0.02 min
Lab File: BG040983.D
Acq: 31 May 2019 17:58

Tgt Ion:276 Resp: 1076608
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 10.6 9.7 14.5

