

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
 Data File : BG040990.D
 Acq On : 1 Jun 2019 00:19
 Operator : HP/JU
 Sample : PB119943BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119943BS

Quant Time: Jun 01 05:17:24 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	58031	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	236674	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	173533	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	447399	20.00	ng	0.00
76) Chrysene-d12	21.78	240	454462	20.00	ng	0.00
87) Perylene-d12	25.12	264	447618	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	411965	128.01	ng	0.00
7) Phenol-d6	7.27	99	569987	114.68	ng	0.00
23) Nitrobenzene-d5	9.30	82	440850	82.69	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	302389	117.38	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	974007	80.83	ng	0.00
79) Terphenyl-d14	20.09	244	1803649	84.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	50037	34.264	ng	95
3) Pyridine	3.92	79	137021	31.709	ng	97
4) n-Nitrosodimethylamine	3.85	42	76560	38.175	ng	90
6) Aniline	7.44	93	158266	23.856	ng	95
8) 2-Chlorophenol	7.68	128	147102	38.341	ng	95
9) Benzaldehyde	7.26	77	94821	31.982	ng	90
10) Phenol	7.29	94	197272	37.018	ng	95
11) bis(2-Chloroethyl)ether	7.54	93	134014	34.665	ng	95
12) 1,3-Dichlorobenzene	8.01	146	156074	34.059	ng	98
13) 1,4-Dichlorobenzene	8.16	146	161876	34.899	ng	95
14) 1,2-Dichlorobenzene	8.48	146	155253	34.473	ng	99
15) Benzyl Alcohol	8.36	79	164776	35.839	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	214827	34.007	ng	98
17) 2-Methylphenol	8.55	107	134805	34.938	ng	97
18) Hexachloroethane	9.20	117	62113	34.744	ng	96
19) n-Nitroso-di-n-propylamine	8.93	70	129558	33.873	ng	95
20) 3+4-Methylphenols	8.88	107	186698	34.931	ng	97
22) Acetophenone	8.95	105	241290	36.344	ng	# 97
24) Nitrobenzene	9.34	77	198207	36.482	ng	96
25) Isophorone	9.86	82	358072	35.293	ng	96
26) 2-Nitrophenol	10.05	139	85225	38.051	ng	89
27) 2,4-Dimethylphenol	10.09	122	149537	40.425	ng	90
28) bis(2-Chloroethoxy)methane	10.34	93	191834	35.032	ng	99
29) 2,4-Dichlorophenol	10.58	162	169990	36.188	ng	99
30) 1,2,4-Trichlorobenzene	10.80	180	186080	34.822	ng	97
31) Naphthalene	11.00	128	451661	35.544	ng	99
32) Benzoic acid	10.21	122	87621	33.433	ng	98
33) 4-Chloroaniline	11.10	127	117136	19.867	ng	98
34) Hexachlorobutadiene	11.25	225	140631	34.394	ng	99
35) Caprolactam	11.88	113	53909	34.753	ng	91
36) 4-Chloro-3-methylphenol	12.21	107	192666	35.913	ng	97
37) 2-Methylnaphthalene	12.59	142	338552	34.592	ng	99
38) 1-Methylnaphthalene	12.81	142	330424	35.828	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	248389	35.513	ng	98

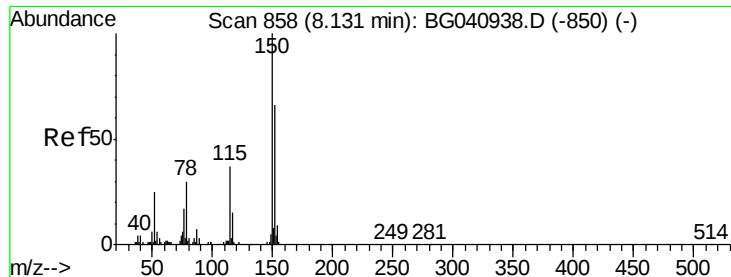
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
 Data File : BG040990.D
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Quant Time: Jun 01 05:17:24 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	296369	78.947	ng	98
43) 2,4,6-Trichlorophenol	13.19	196	161814	35.762	ng	97
44) 2,4,5-Trichlorophenol	13.26	196	170060	35.638	ng	99
46) 1,1'-Biphenyl	13.59	154	465147	36.212	ng	98
47) 2-Chloronaphthalene	13.63	162	377960	34.274	ng	98
48) 2-Nitroaniline	13.84	65	139182	35.182	ng	97
49) Acenaphthylene	14.48	152	594464	35.818	ng	98
50) Dimethylphthalate	14.20	163	510274	34.737	ng	100
51) 2,6-Dinitrotoluene	14.33	165	111689	35.264	ng	97
52) Acenaphthene	14.82	154	347118	34.524	ng	100
53) 3-Nitroaniline	14.66	138	78832	24.891	ng	92
54) 2,4-Dinitrophenol	14.87	184	129439	78.910	ng	99
55) Dibenzofuran	15.15	168	597837	35.337	ng	98
56) 4-Nitrophenol	14.96	139	175093	80.601	ng	91
57) 2,4-Dinitrotoluene	15.12	165	160372	35.846	ng	# 98
58) Fluorene	15.80	166	472885	35.098	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.37	232	182059	38.822	ng	98
60) Diethylphthalate	15.55	149	524800	35.007	ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	300272	34.288	ng	96
62) 4-Nitroaniline	15.83	138	114913	34.272	ng	94
63) Azobenzene	16.07	77	484855	35.585	ng	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	95123	41.166	ng	99
66) n-Nitrosodiphenylamine	16.00	169	444359	35.331	ng	100
67) 4-Bromophenyl-phenylether	16.68	248	197572	32.722	ng	98
68) Hexachlorobenzene	16.79	284	203276	31.617	ng	98
69) Atrazine	16.94	200	188392	38.821	ng	96
70) Pentachlorophenol	17.14	266	254446	74.203	ng	97
71) Phenanthrene	17.54	178	826802	35.478	ng	100
72) Anthracene	17.63	178	848660	36.923	ng	99
73) Carbazole	17.90	167	749616	38.010	ng	99
74) Di-n-butylphthalate	18.43	149	878403	35.836	ng	98
75) Fluoranthene	19.54	202	1086915	37.760	ng	99
77) Benzidine	19.72	184	513585	47.373	ng	98
78) Pyrene	19.90	202	1082427	36.639	ng	99
80) Butylbenzylphthalate	20.77	149	400967	34.876	ng	98
81) Benzo(a)anthracene	21.75	228	1042444	34.459	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	260559	24.488	ng	99
83) Chrysene	21.82	228	1031850	35.643	ng	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	561504	34.694	ng	99
85) Di-n-octyl phthalate	22.87	149	943973	35.021	ng	99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1229302	34.665	ng	# 95
88) Benzo(b)fluoranthene	24.05	252	1051981	38.748	ng	100
89) Benzo(k)fluoranthene	24.12	252	1023992	38.114	ng	99
90) Benzo(a)pyrene	24.96	252	1024999	39.571	ng	97
91) Dibenzo(a,h)anthracene	29.02	278	1003017	38.753	ng	100
92) Benzo(g,h,i)perylene	30.16	276	995507	39.590	ng	99

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

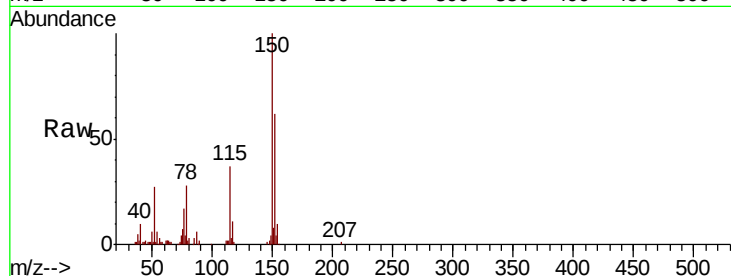


#1

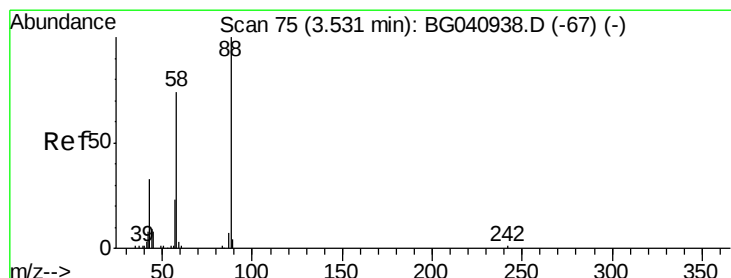
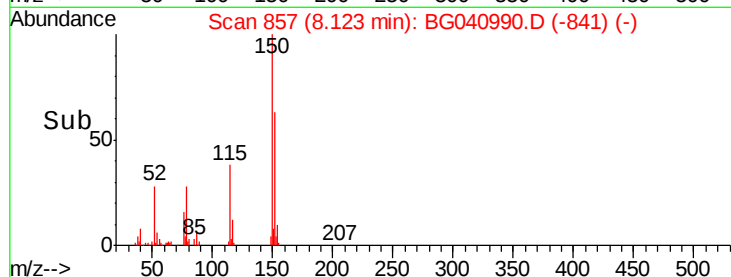
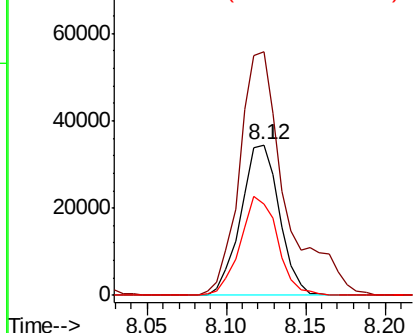
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: BG040990.D
 Acq: 1 Jun 2019 00:19

Instrument :
 BNA_G
 ClientSampleId :
 PB119943BS

Tot Ion:152 Resp: 58031
 Ion Ratio Lower Upper
 152 100
 150 162.2 120.6 180.8
 115 60.8 45.1 67.7



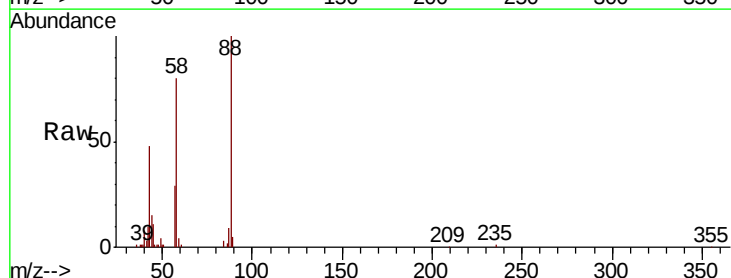
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



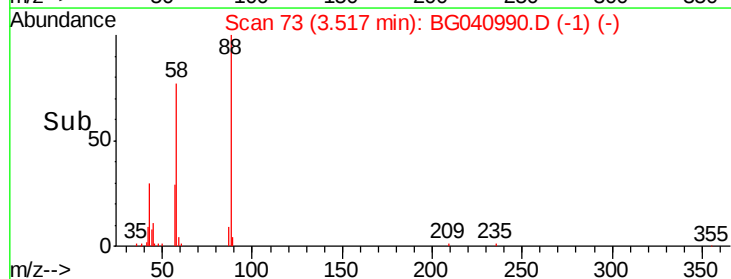
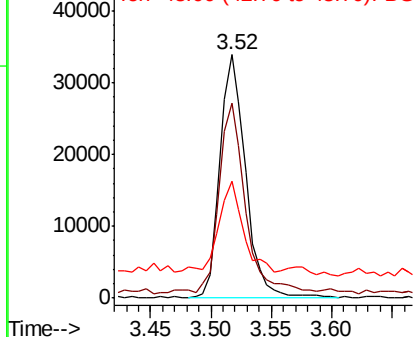
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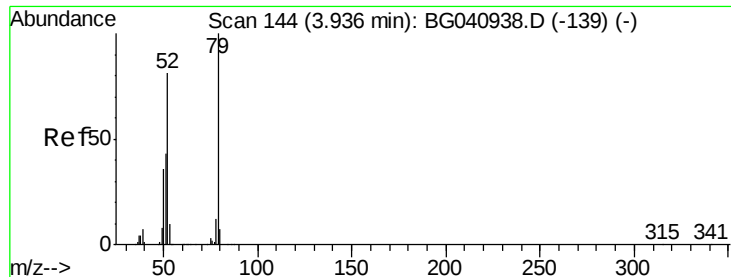
1,4-Dioxane
 Concen: 34.264 ng
 RT: 3.52 min Scan# 73
 Delta R.T. -0.01 min
 Lab File: BG040990.D
 Acq: 1 Jun 2019 00:19

Tgt Ion: 88 Resp: 50037
 Ion Ratio Lower Upper
 88 100
 58 77.3 59.0 88.6
 43 37.1 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: 31.709 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

BNA_G

ClientSampleId :

PB119943BS

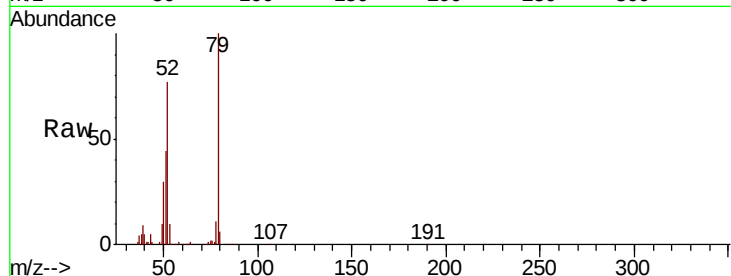
Tot Ion: 79 Resp: 137021

Ion Ratio Lower Upper

79 100

52 77.0 64.8 97.2

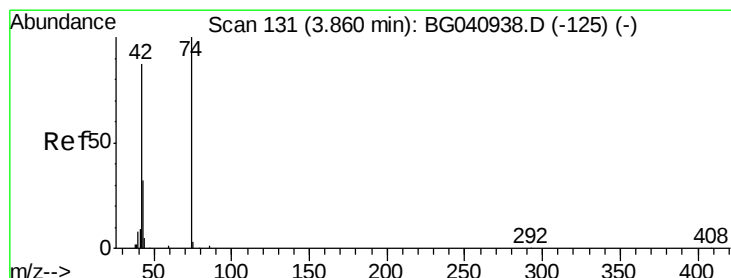
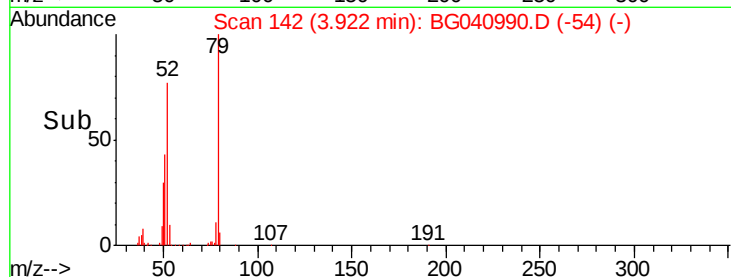
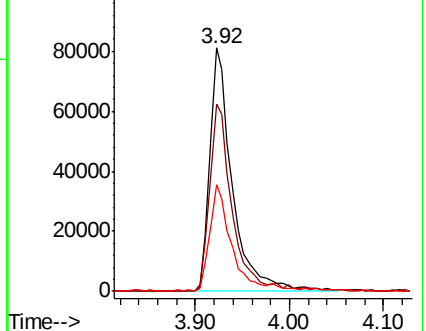
51 43.9 35.3 52.9



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: 38.175 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

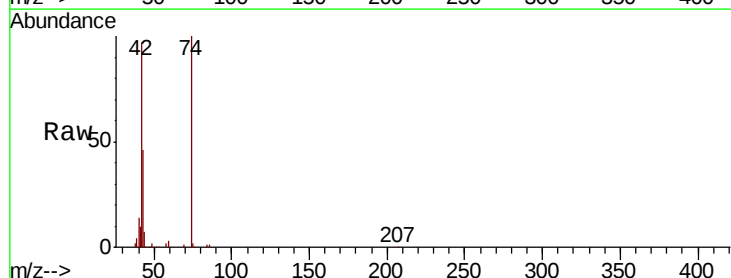
Tgt Ion: 42 Resp: 76560

Ion Ratio Lower Upper

42 100

74 103.3 91.8 137.6

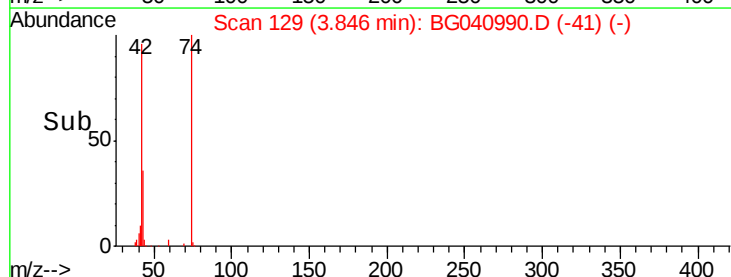
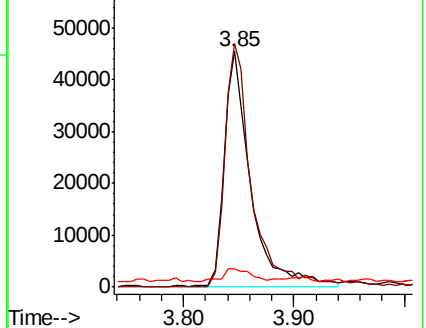
44 7.6 6.0 9.0

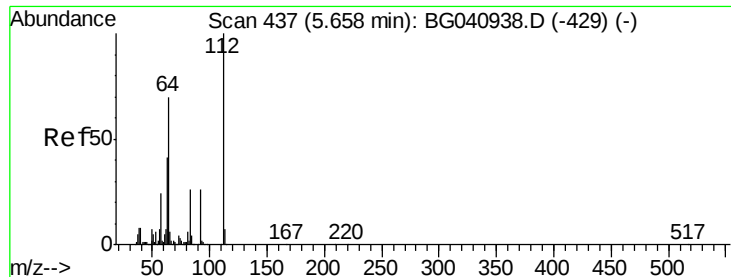


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 128.011 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

BNA_G

ClientSampleId :

PB119943BS

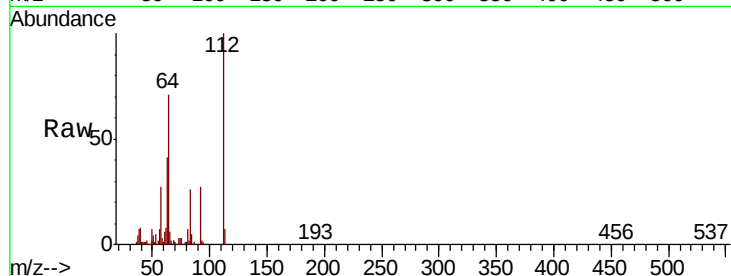
Tot Ion:112 Resp: 411965

Ion Ratio Lower Upper

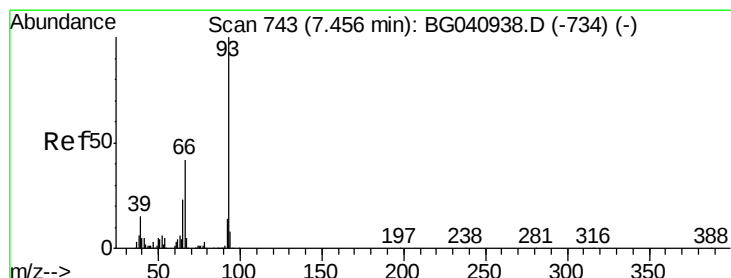
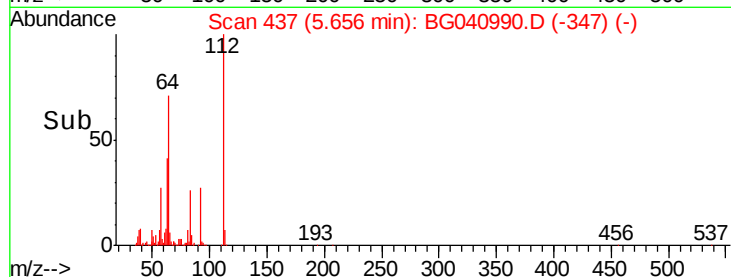
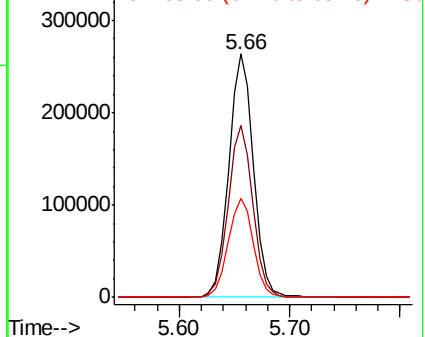
112 100

64 70.8 56.2 84.2

63 40.7 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: 23.856 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

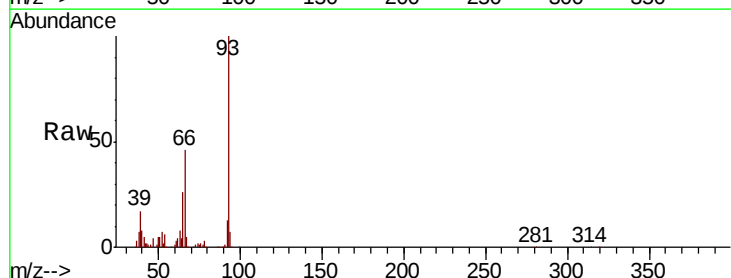
Tgt Ion: 93 Resp: 158266

Ion Ratio Lower Upper

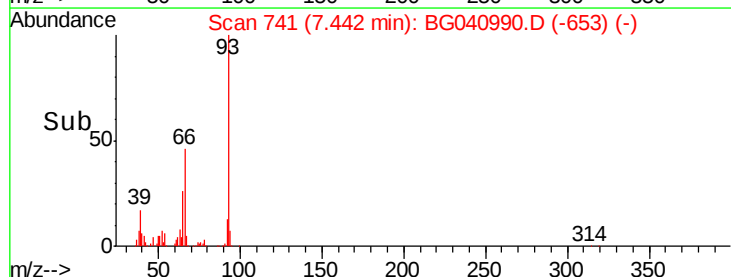
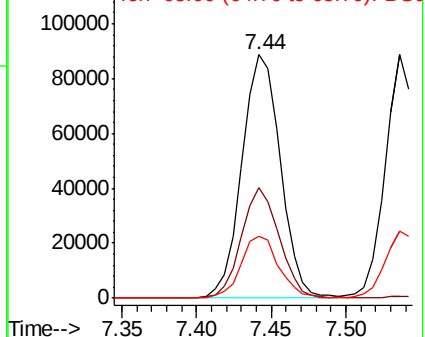
93 100

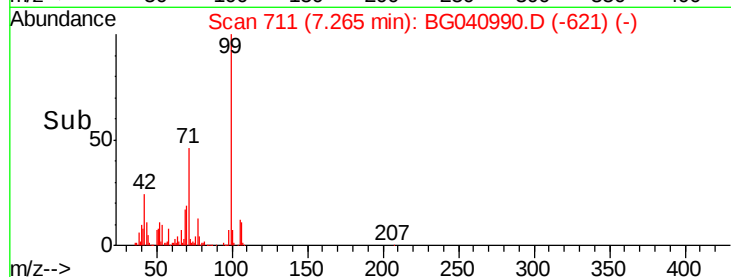
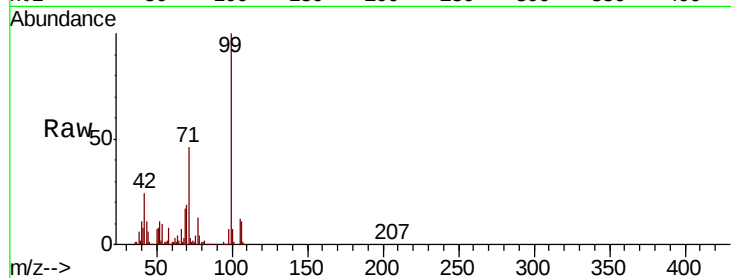
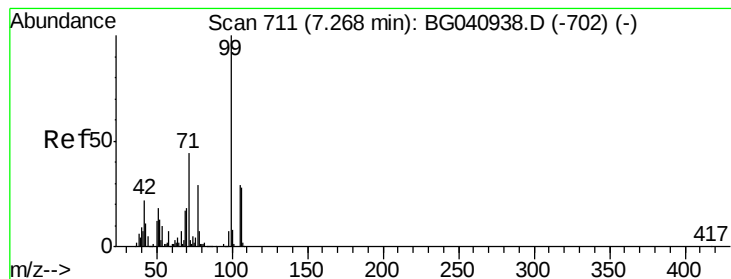
66 45.6 33.8 50.8

65 25.6 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: 114.681 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

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ClientSampleId :

PB119943BS

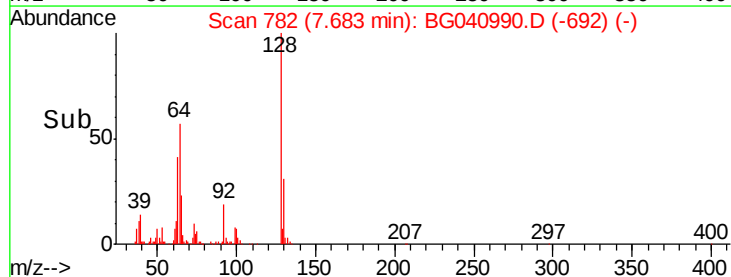
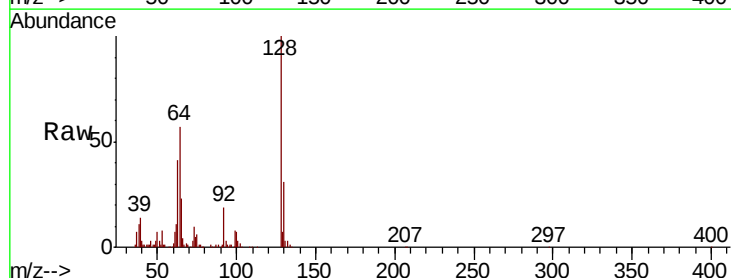
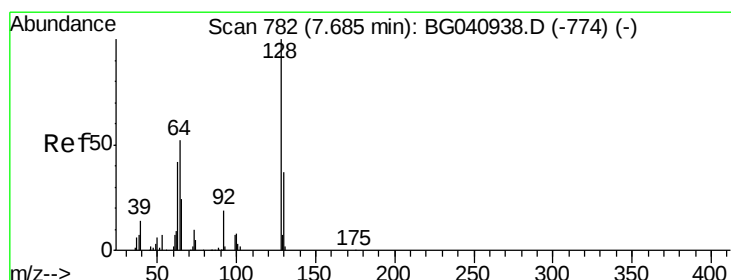
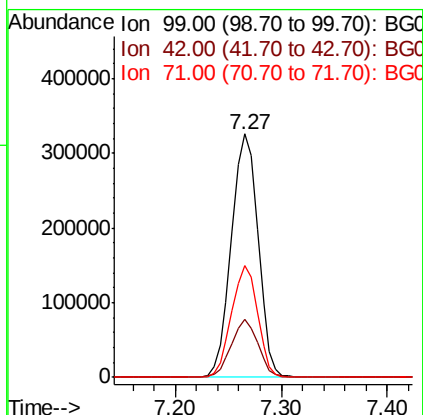
Tot Ion: 99 Resp: 569987

Ion Ratio Lower Upper

99 100

42 23.7 17.9 26.9

71 45.8 35.4 53.0



#8

2-Chlorophenol

Concen: 38.341 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

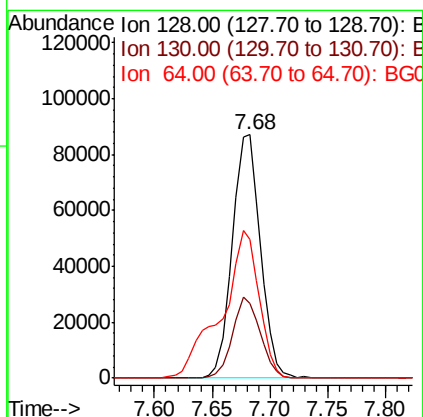
Tgt Ion:128 Resp: 147102

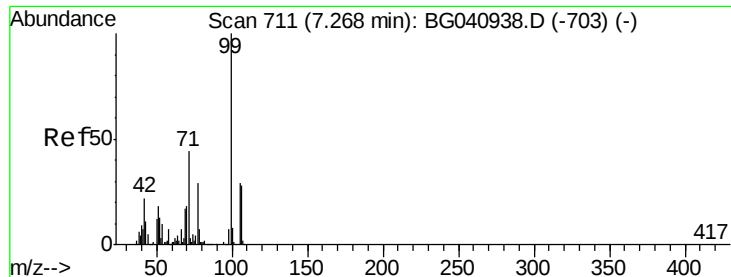
Ion Ratio Lower Upper

128 100

130 30.5 16.6 56.6

64 57.0 37.8 77.8





#9

Benzaldehyde

Concen: 31.982 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

BNA_G

ClientSampleId :

PB119943BS

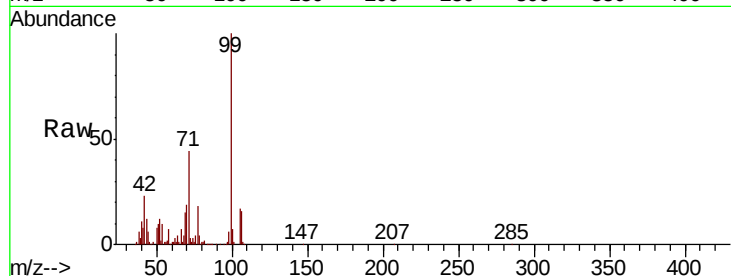
Tot Ion: 77 Resp: 94821

Ion Ratio Lower Upper

77 100

105 90.4 78.9 118.9

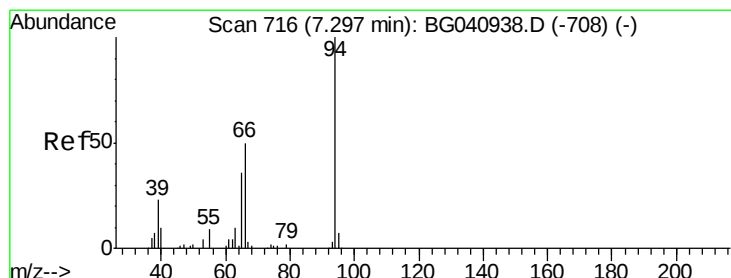
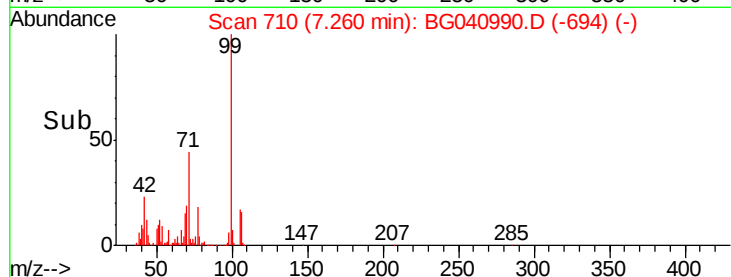
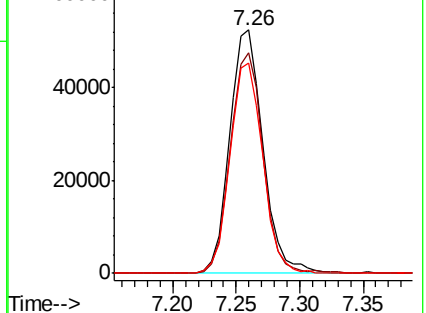
106 86.3 76.7 116.7



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.018 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

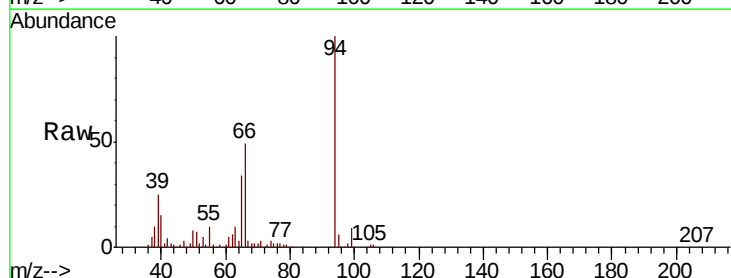
Tgt Ion: 94 Resp: 197272

Ion Ratio Lower Upper

94 100

65 34.2 17.0 57.0

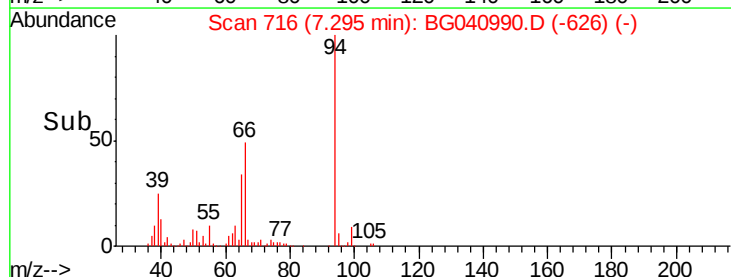
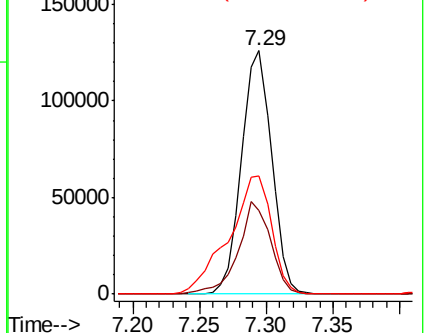
66 48.5 32.4 72.4

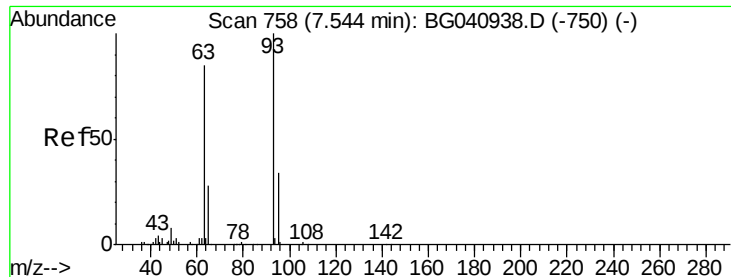


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

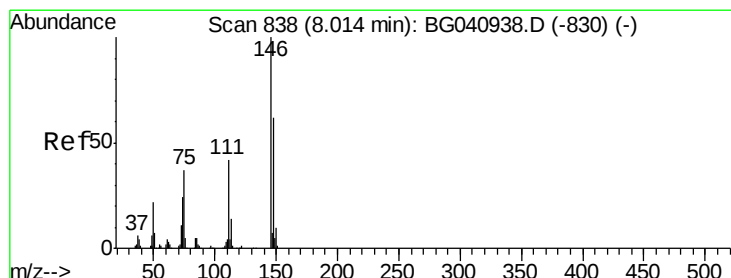
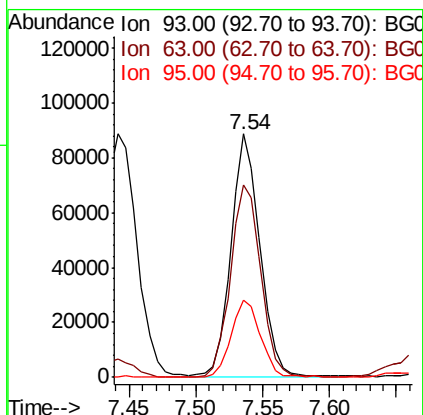
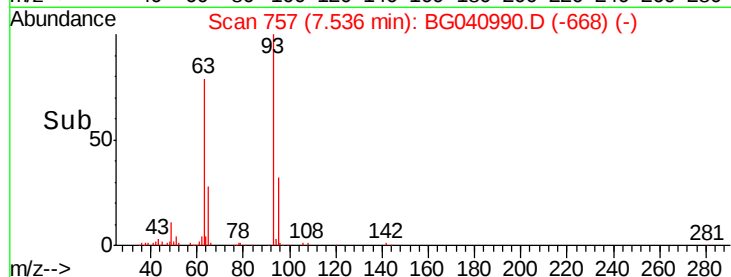
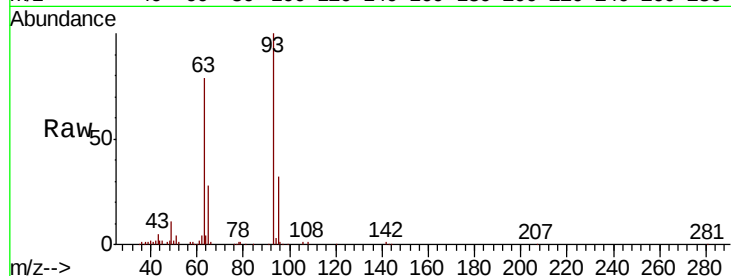




#11
bis(2-Chloroethyl)ether
Concen: 34.665 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

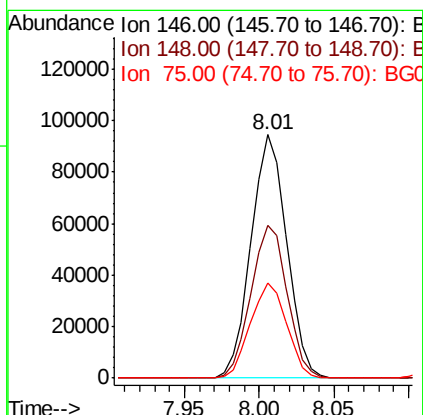
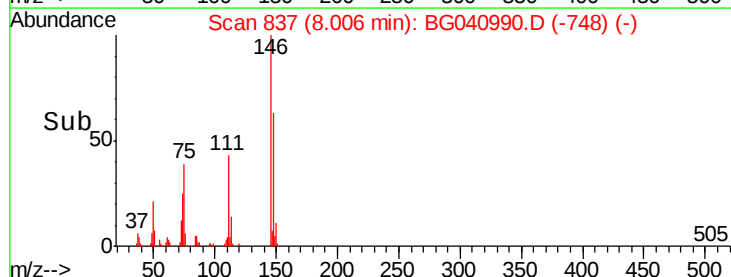
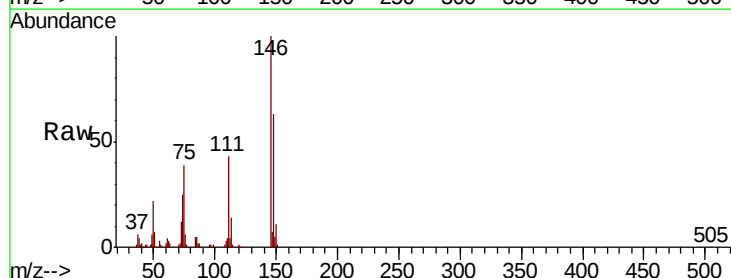
Instrument :
BNA_G
ClientSampleId :
PB119943BS

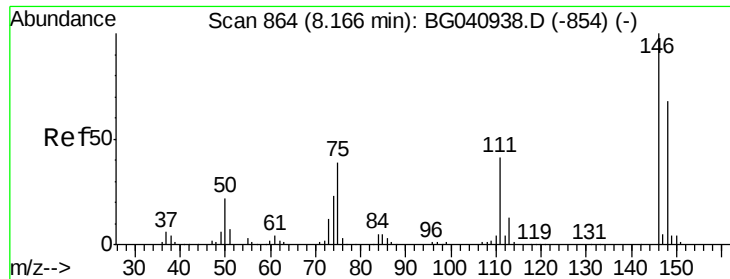
Tot Ion: 93 Resp: 134014
Ion Ratio Lower Upper
93 100
63 79.2 64.5 104.5
95 32.0 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 34.059 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Tgt Ion: 146 Resp: 156074
Ion Ratio Lower Upper
146 100
148 62.8 49.2 73.8
75 39.0 29.4 44.0

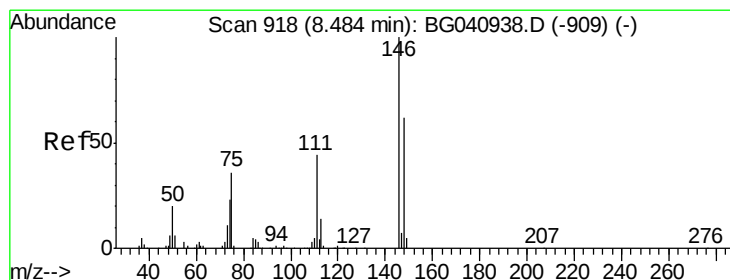
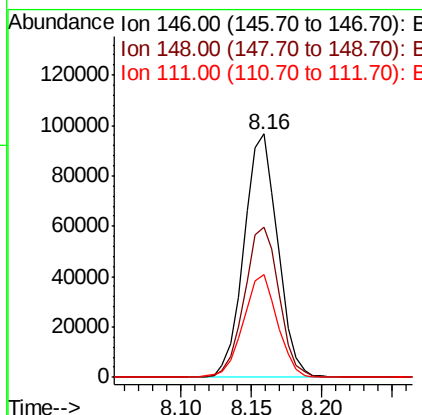
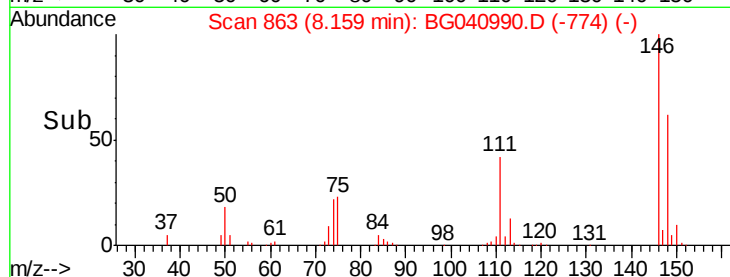
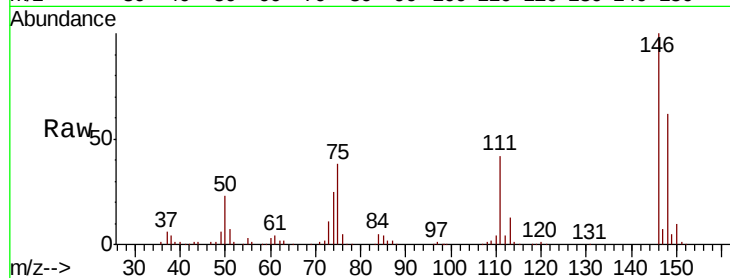




#13
 1,4-Dichlorobenzene
 Concen: 34.899 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BG040990.D
 Acq: 1 Jun 2019 00:19

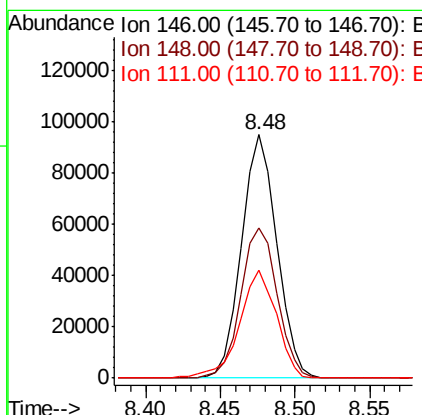
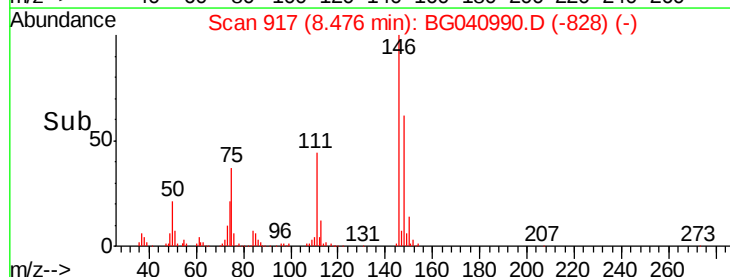
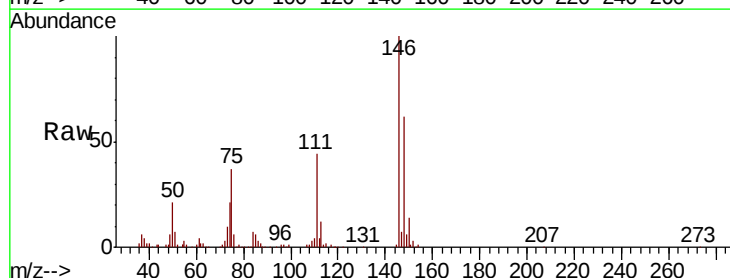
Instrument :
 BNA_G
 ClientSampleId :
 PB119943BS

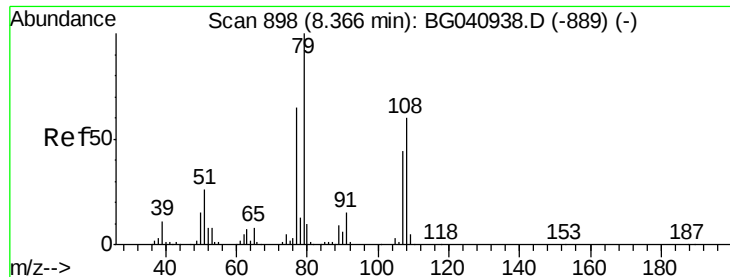
Tot Ion:146 Resp: 161876
 Ion Ratio Lower Upper
 146 100
 148 61.8 54.2 81.4
 111 42.4 32.9 49.3



#14
 1,2-Dichlorobenzene
 Concen: 34.473 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BG040990.D
 Acq: 1 Jun 2019 00:19

Tgt Ion:146 Resp: 155253
 Ion Ratio Lower Upper
 146 100
 148 61.8 49.8 74.6
 111 44.5 35.0 52.4





#15

Benzyl Alcohol

Concen: 35.839 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

BNA_G

ClientSampleId :

PB119943BS

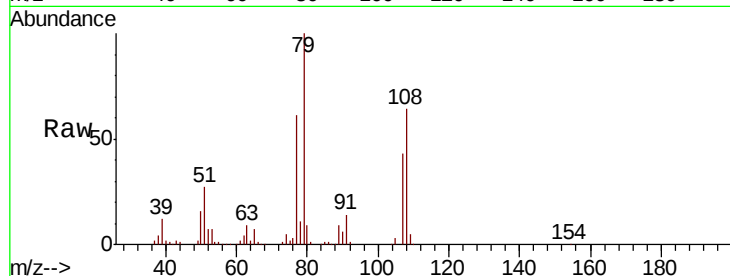
Tot Ion: 79 Resp: 164776

Ion Ratio Lower Upper

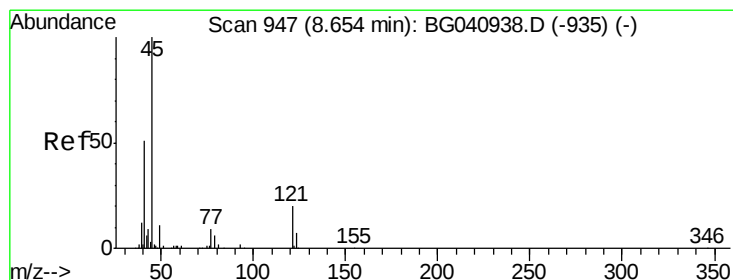
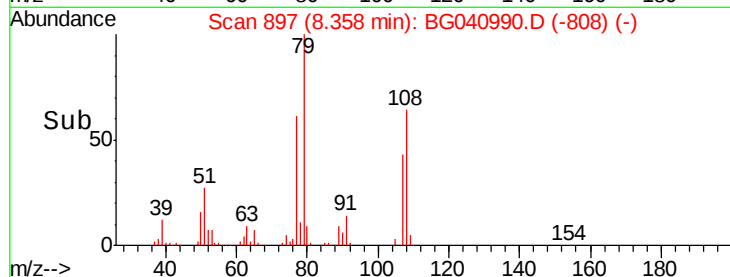
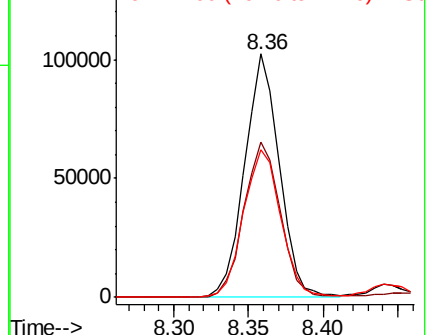
79 100

108 63.7 48.3 72.5

77 60.5 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: 34.007 ng

RT: 8.63 min Scan# 944

Delta R.T. -0.02 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

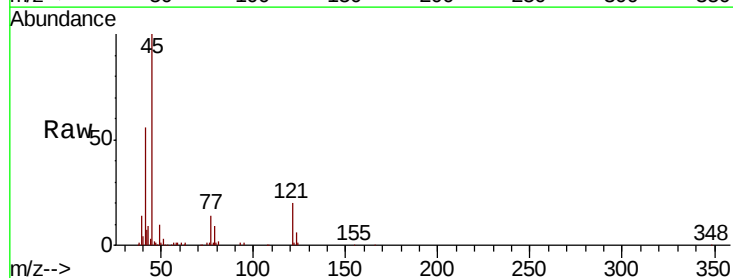
Tgt Ion: 45 Resp: 214827

Ion Ratio Lower Upper

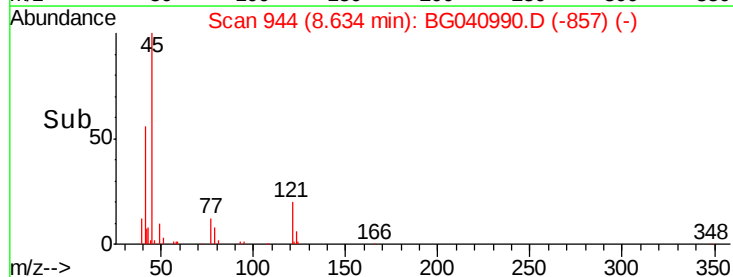
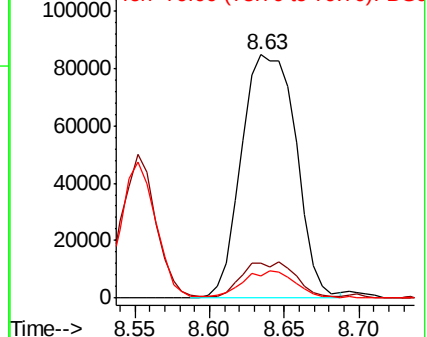
45 100

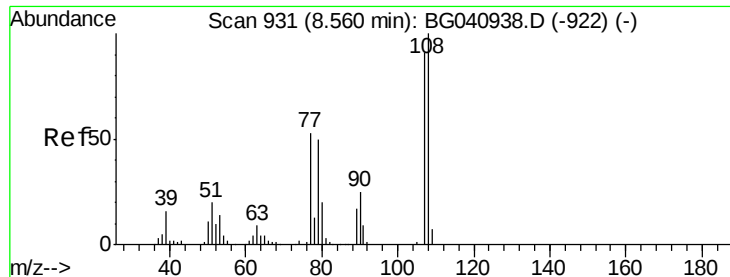
77 14.4 0.0 33.7

79 9.0 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

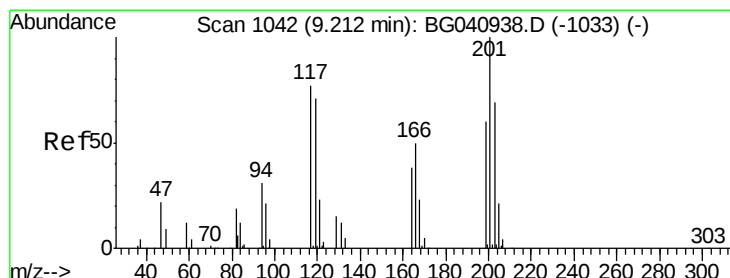
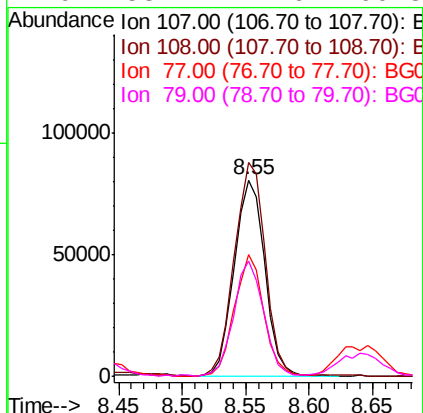
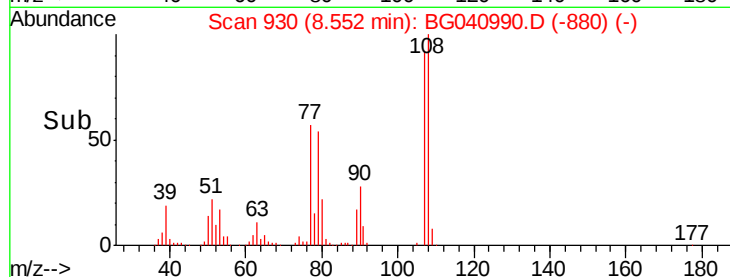
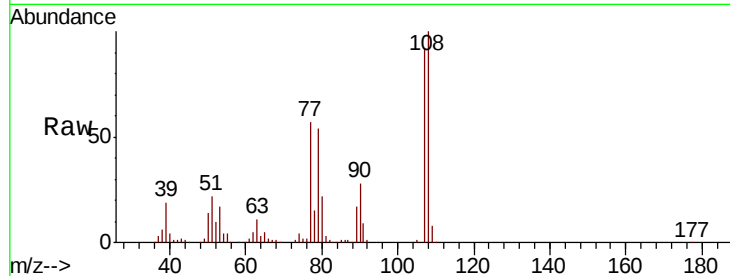




#17
2-Methylphenol
Concen: 34.938 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

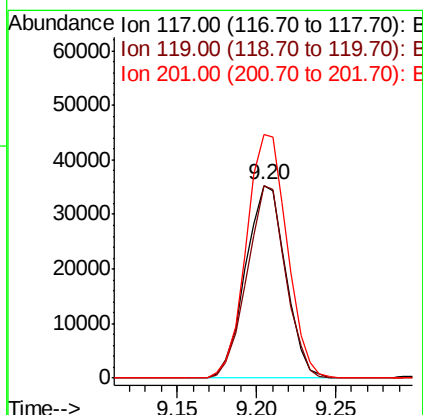
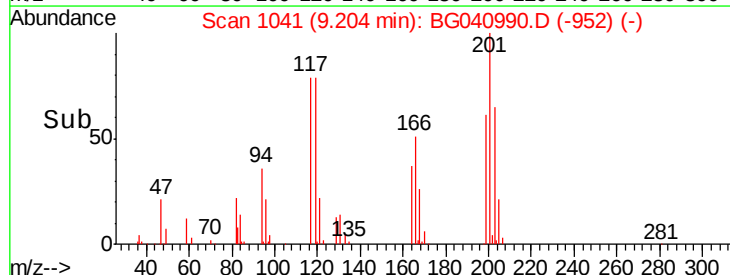
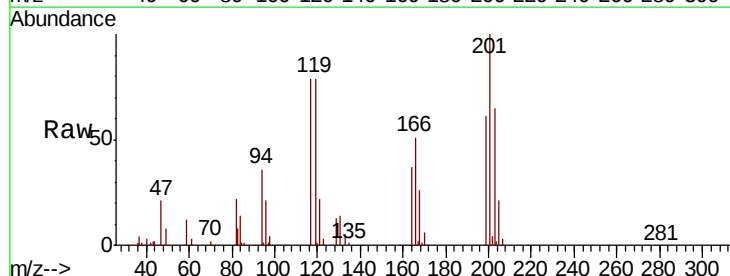
Instrument :
BNA_G
ClientSampleId :
PB119943BS

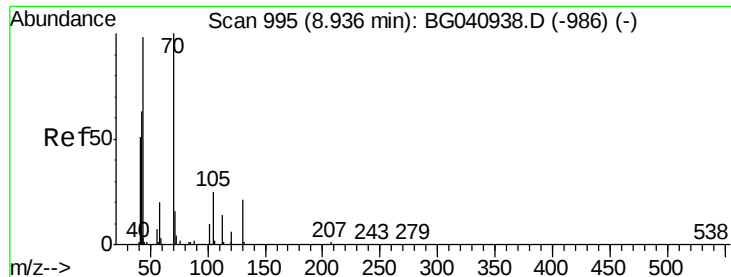
Tot Ion:	107	Resp:	134805
Ion	Ratio	Lower	Upper
107	100		
108	108.9	87.7	131.5
77	61.8	46.6	70.0
79	58.7	44.6	66.8



#18
Hexachloroethane
Concen: 34.744 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Tgt Ion:	117	Resp:	62113
Ion	Ratio	Lower	Upper
117	100		
119	99.8	75.0	112.6
201	126.4	103.5	155.3

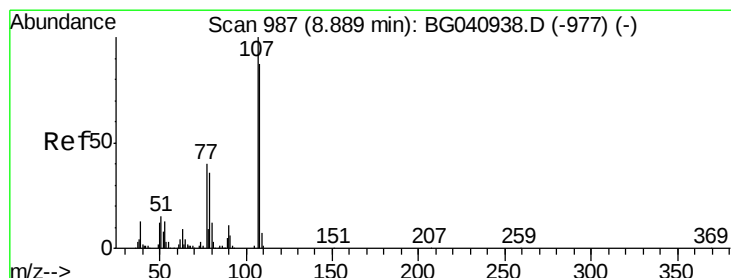
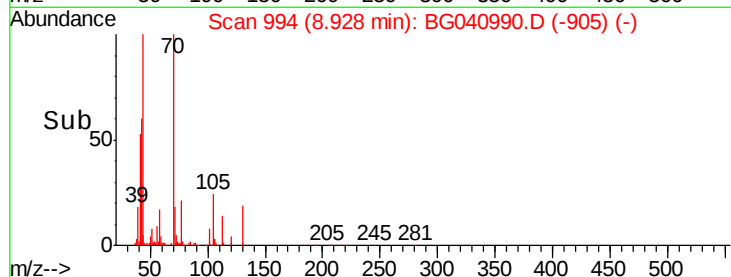
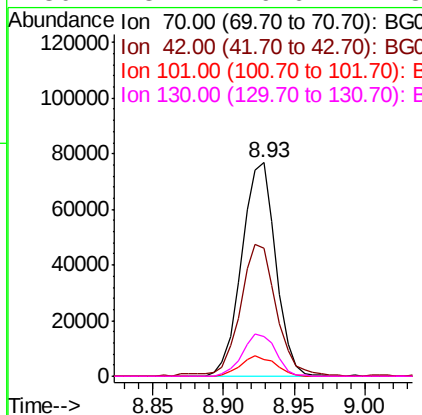
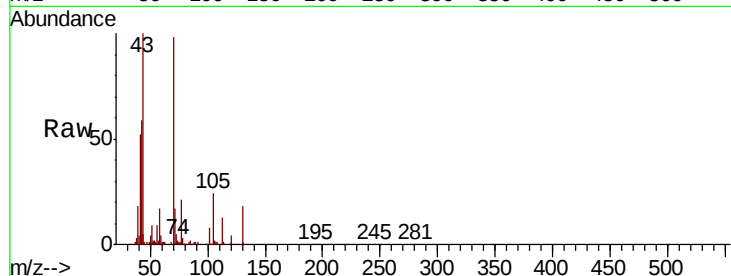




#19
n-Nitroso-di-n-propylamine
Concen: 33.873 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

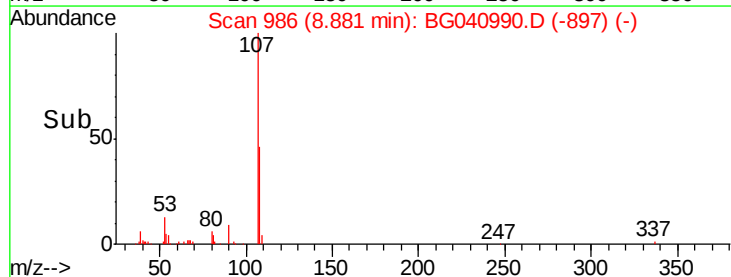
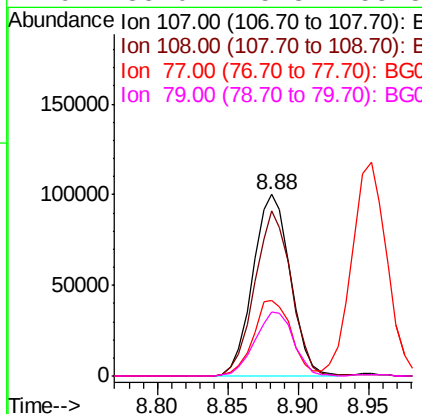
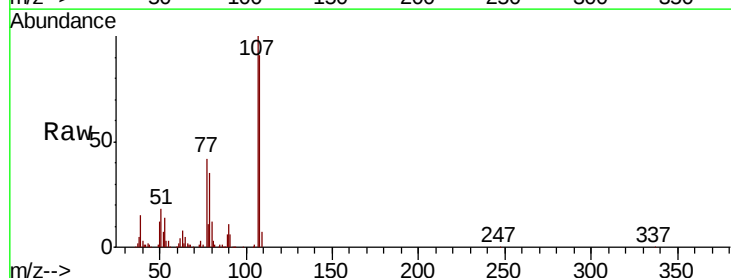
Instrument :
BNA_G
ClientSampleId :
PB119943BS

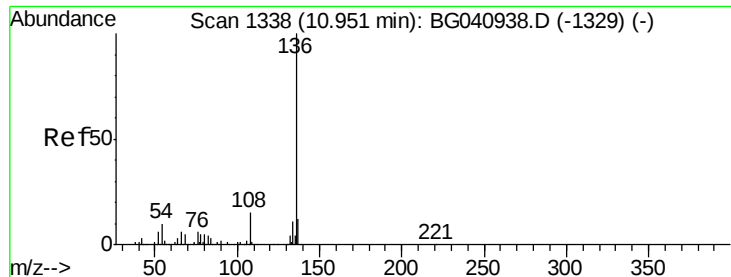
Tot Ion:	70	Resp:	129558
Ion	Ratio	Lower	Upper
70	100		
42	60.2	51.5	77.3
101	8.1	8.1	12.1
130	18.7	16.6	24.8



#20
3+4-Methylphenols
Concen: 34.931 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Tgt Ion:	107	Resp:	186698
Ion	Ratio	Lower	Upper
107	100		
108	91.3	66.8	106.8
77	41.9	20.5	60.5
79	35.0	15.8	55.8

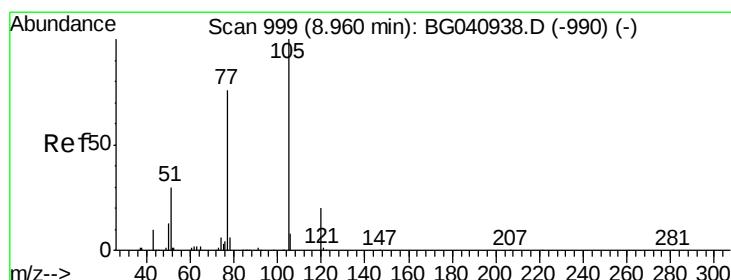
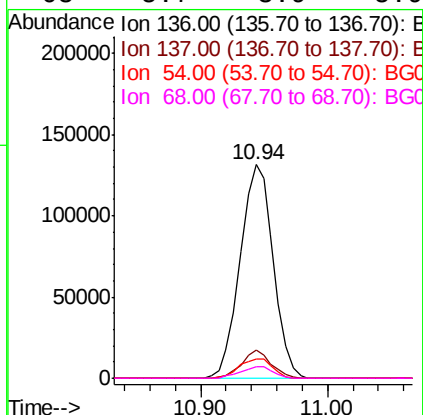
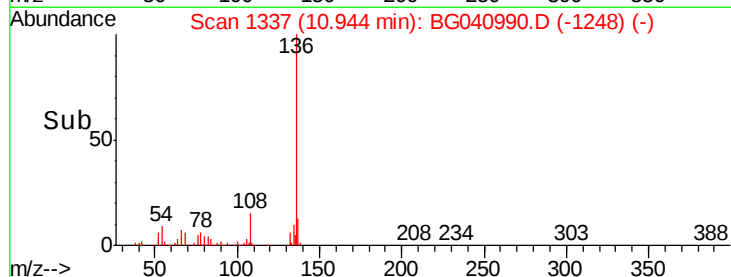
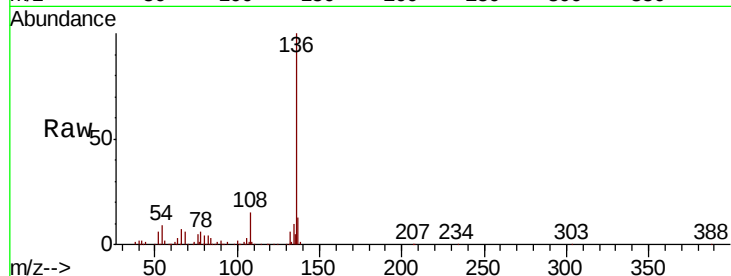




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

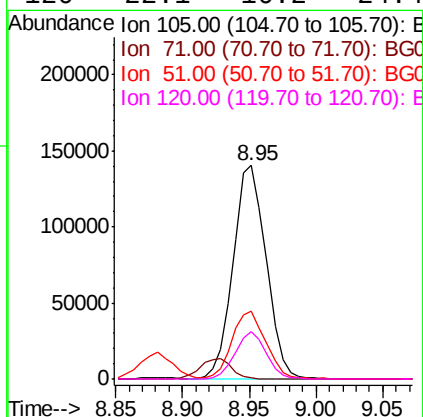
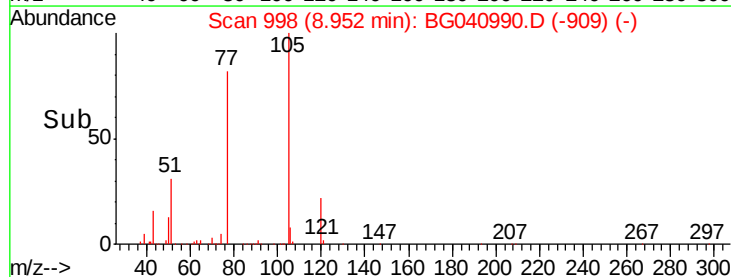
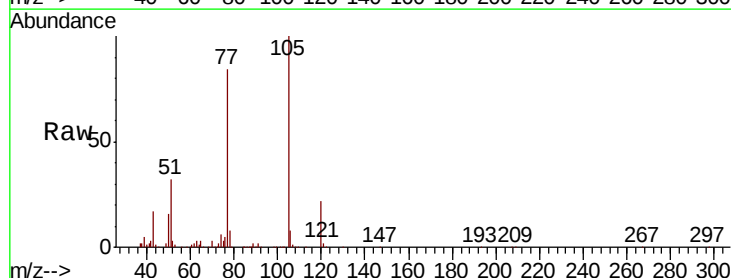
Instrument :
BNA_G
ClientSampleId :
PB119943BS

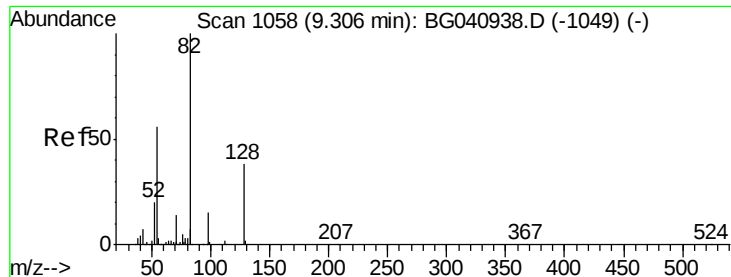
Tot Ion:136	Resp:	236674	
Ion Ratio	Lower	Upper	
136 100			
137 13.3	9.5	14.3	
54 8.8	7.6	11.4	
68 5.7	3.9	5.9	



#22
Acetophenone
Concen: 36.344 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Tgt	Ion:105	Resp:	241290
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.4	0.6#
51	31.9	27.0	40.6
120	22.1	16.2	24.4

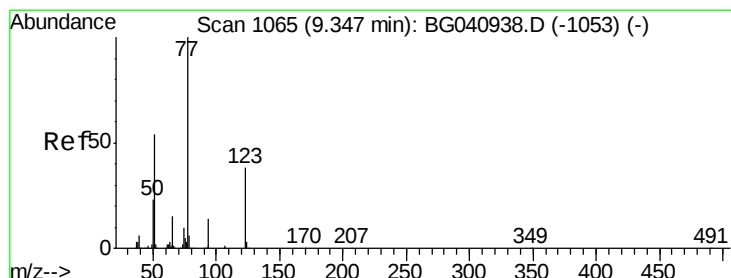
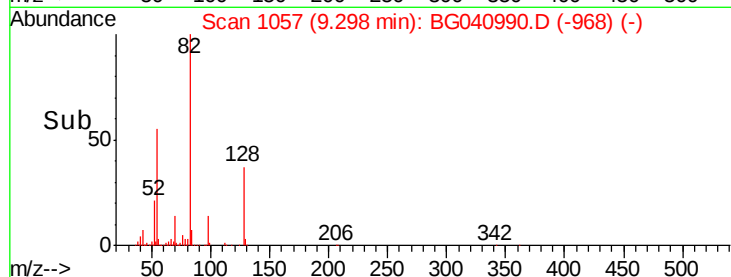
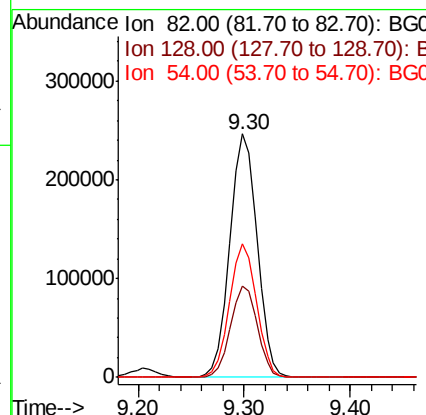
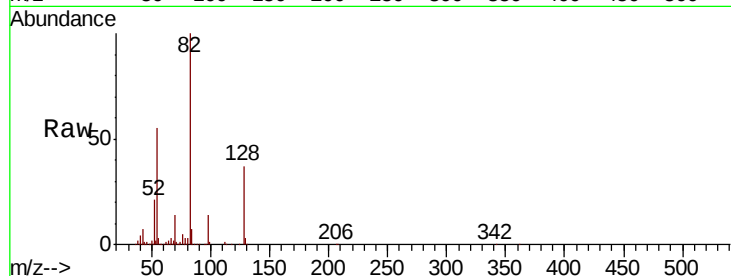




#23
Nitrobenzene-d5
Concen: 82.692 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

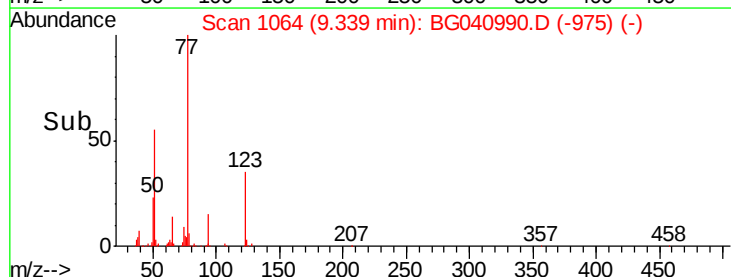
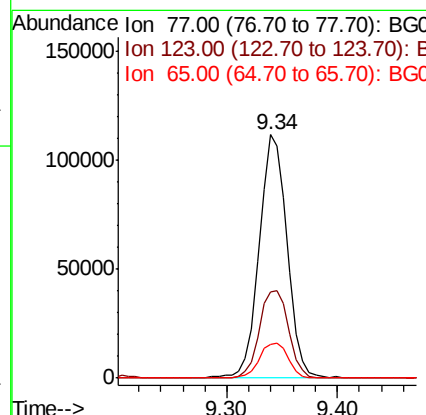
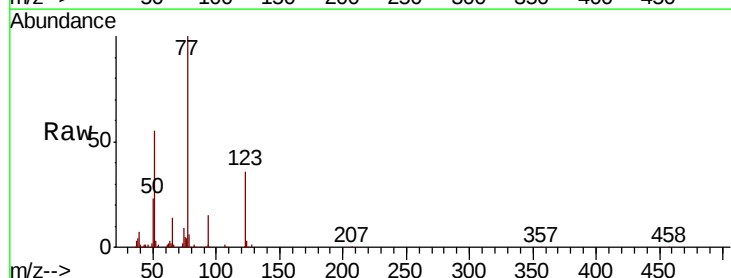
Instrument :
BNA_G
ClientSampleId :
PB119943BS

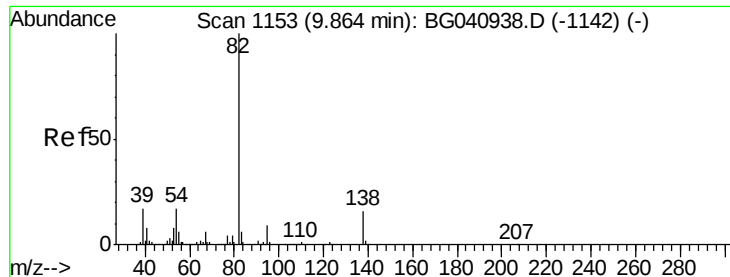
Tot Ion	82	Resp	440850
Ion Ratio	100	Lower	Upper
128	37.5	30.5	45.7
54	54.7	44.6	66.8



#24
Nitrobenzene
Concen: 36.482 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Tgt Ion	77	Resp	198207
Ion Ratio	100	Lower	Upper
123	35.6	30.6	46.0
65	13.9	12.3	18.5





#25

Isophorone

Concen: 35.293 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

BNA_G

ClientSampleId :

PB119943BS

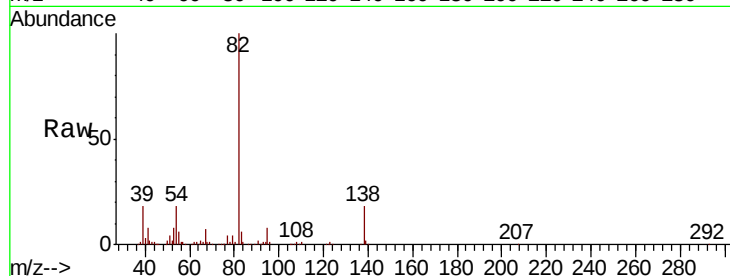
Tot Ion: 82 Resp: 358072

Ion Ratio Lower Upper

82 100

95 8.4 7.0 10.4

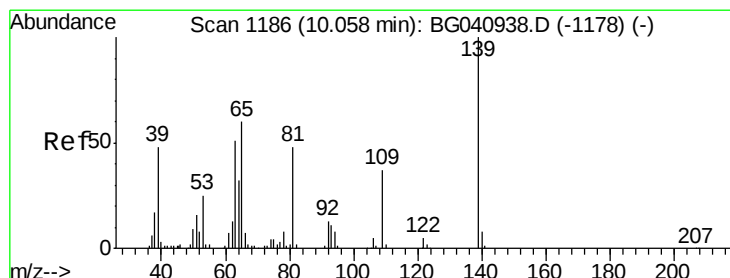
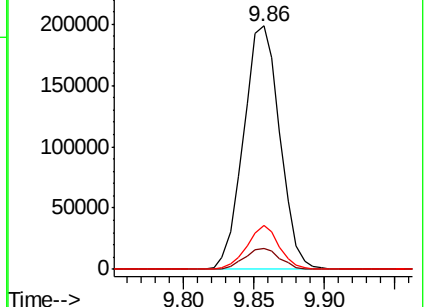
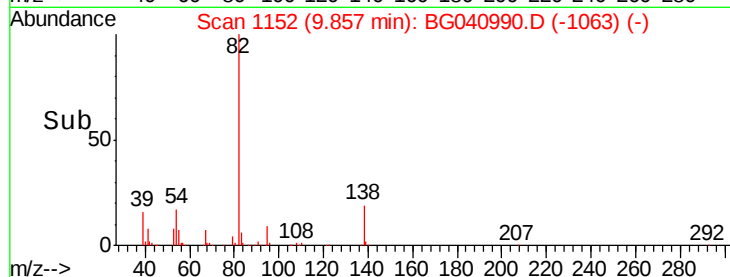
138 18.3 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BG040938.D (-1142) (-)

Ion 95.00 (94.70 to 95.70): BG040938.D (-1142) (-)

Ion 138.00 (137.70 to 138.70): BG040938.D (-1142) (-)



#26

2-Nitrophenol

Concen: 38.051 ng

RT: 10.05 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

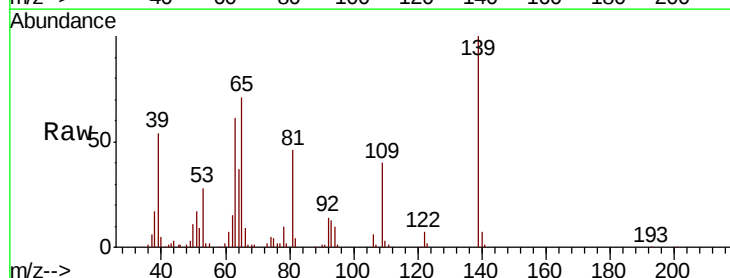
Tgt Ion: 139 Resp: 85225

Ion Ratio Lower Upper

139 100

109 39.6 29.8 44.6

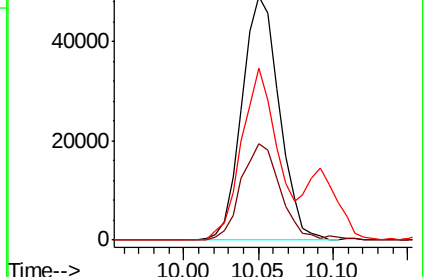
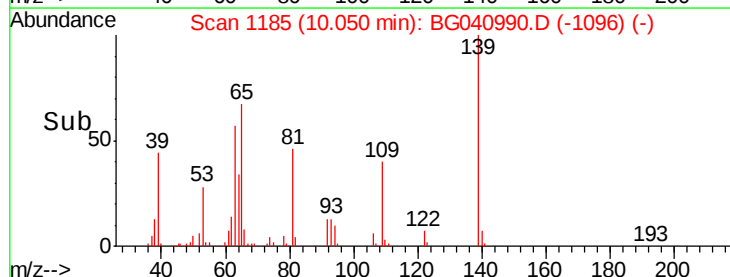
65 70.8 47.8 71.6

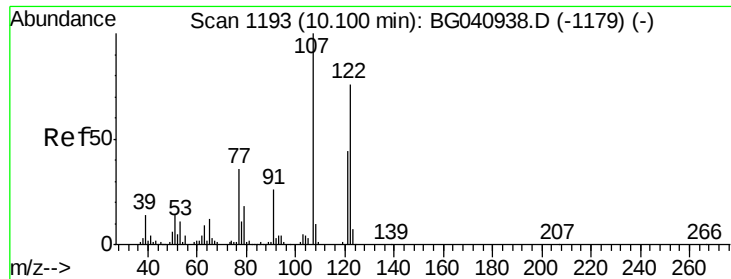


Abundance Ion 139.00 (138.70 to 139.70): BG040938.D (-1178) (-)

Ion 109.00 (108.70 to 109.70): BG040938.D (-1178) (-)

Ion 65.00 (64.70 to 65.70): BG040938.D (-1178) (-)

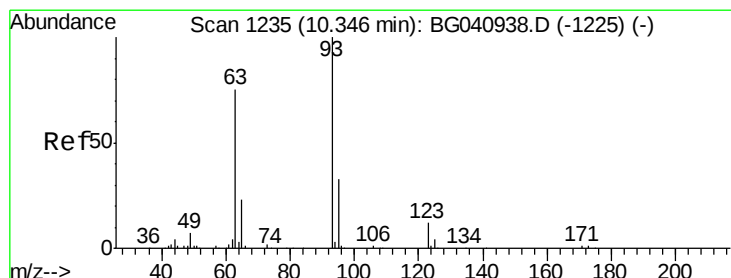
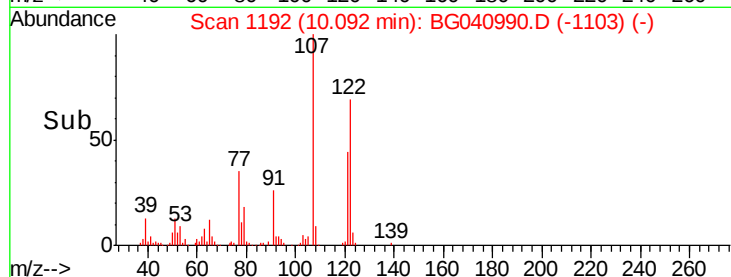
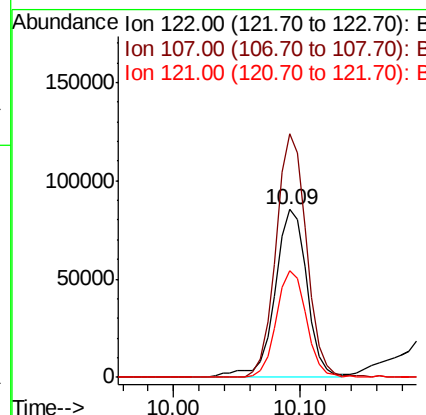
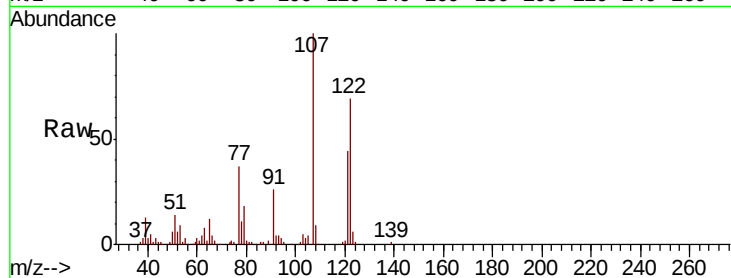




#27
 2,4-Dimethylphenol
 Concen: 40.425 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BG040990.D
 Acq: 1 Jun 2019 00:19

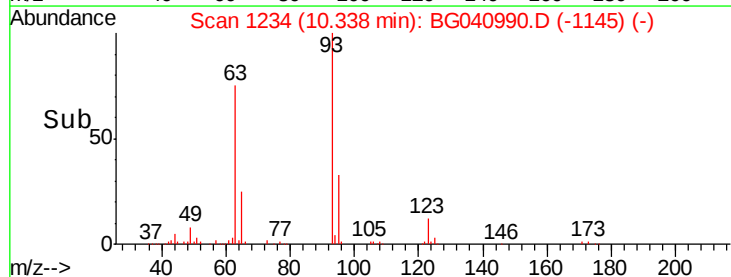
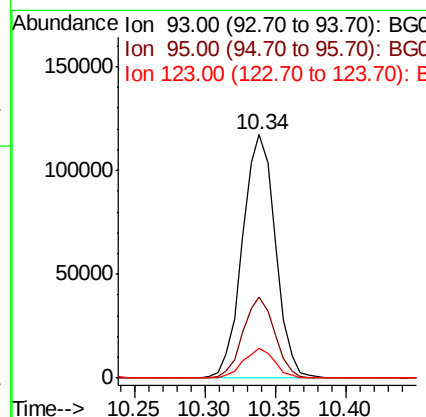
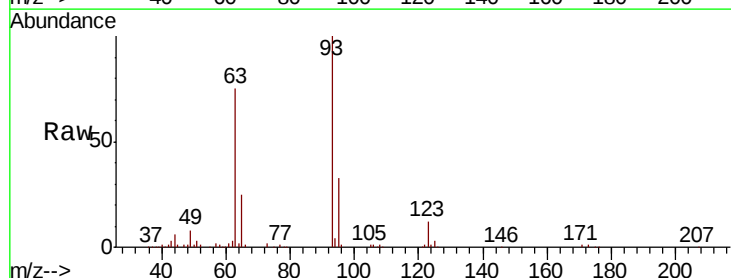
Instrument :
 BNA_G
 ClientSampleId :
 PB119943BS

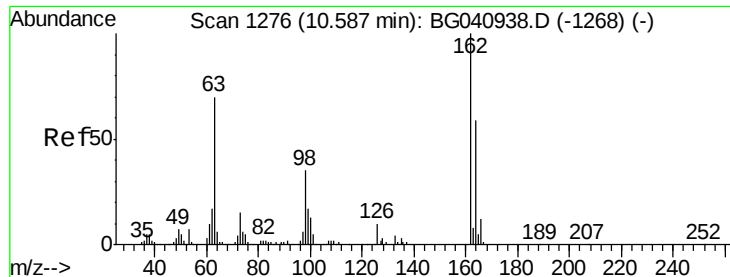
Tot Ion	Ratio	Lower	Upper
122	100		
107	145.4	105.9	158.9
121	63.9	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.032 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG040990.D
 Acq: 1 Jun 2019 00:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.2	39.2
123	12.0	9.5	14.3

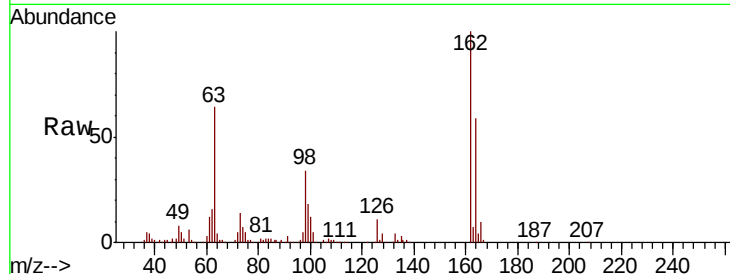




#29
2,4-Dichlorophenol
Concen: 36.188 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Instrument :
BNA_G
ClientSampleId :
PB119943BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	59.3	39.4	79.4
98	34.0	15.3	55.3

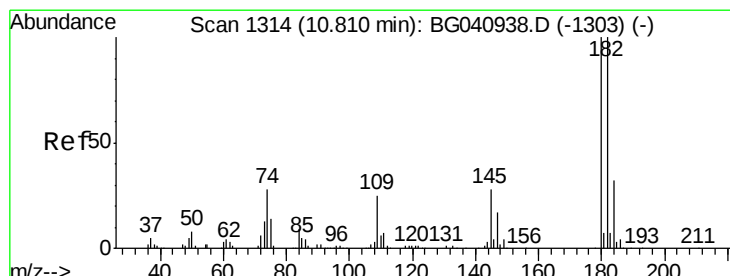
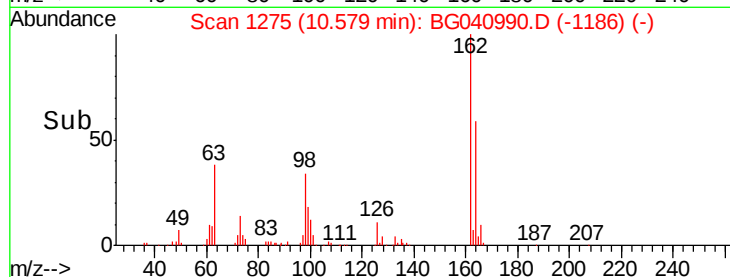
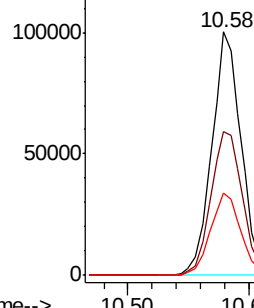


Abundance

Ion 162.00 (161.70 to 162.70): E

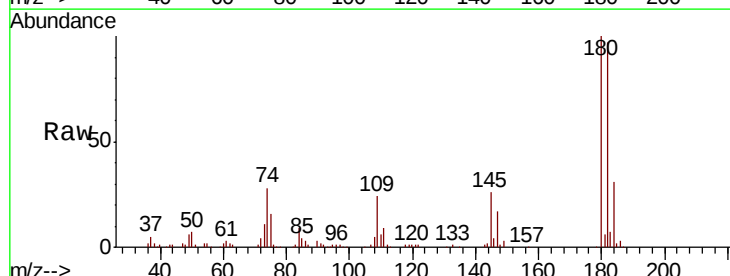
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 34.822 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	79.7	119.5
145	26.0	22.6	34.0

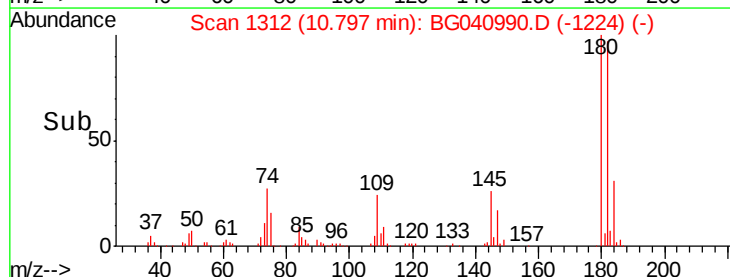
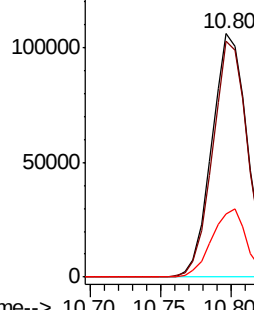


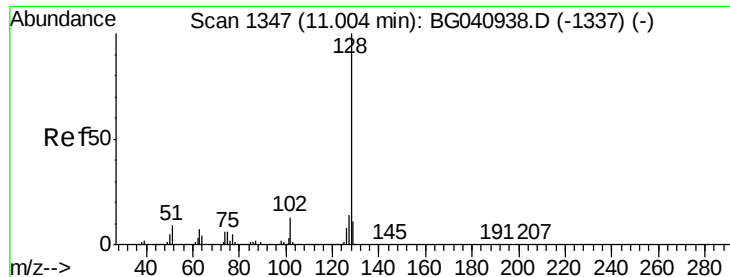
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

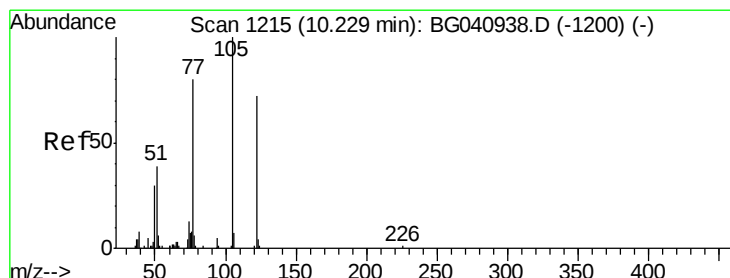
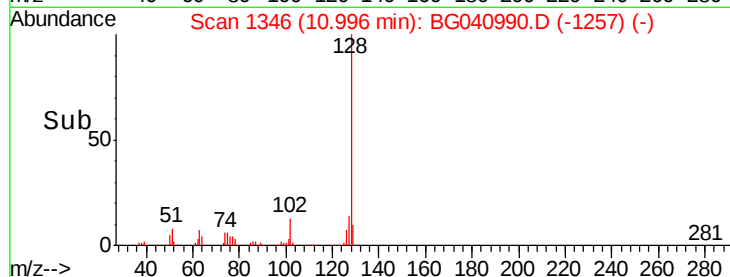
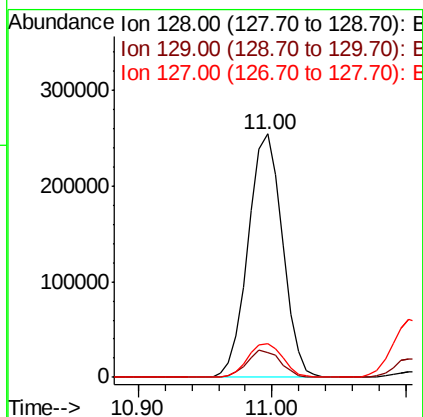
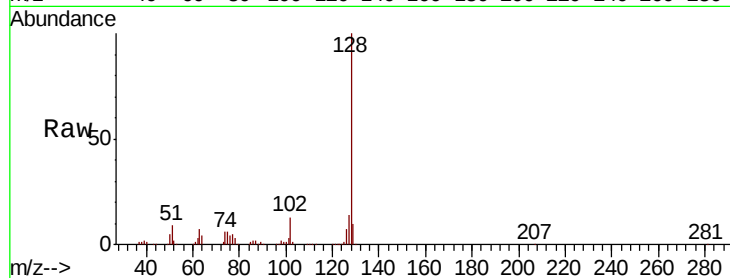




#31
Naphthalene
Concen: 35.544 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

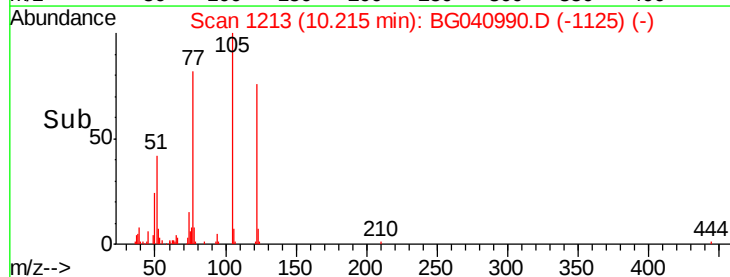
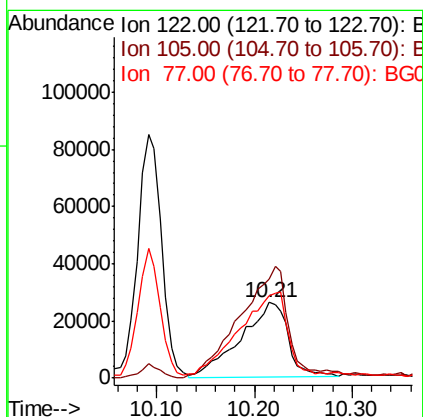
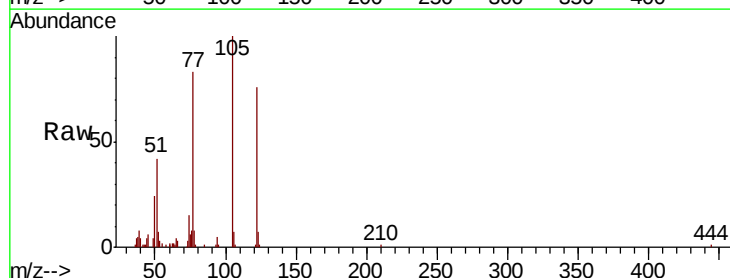
Instrument :
BNA_G
ClientSampleId :
PB119943BS

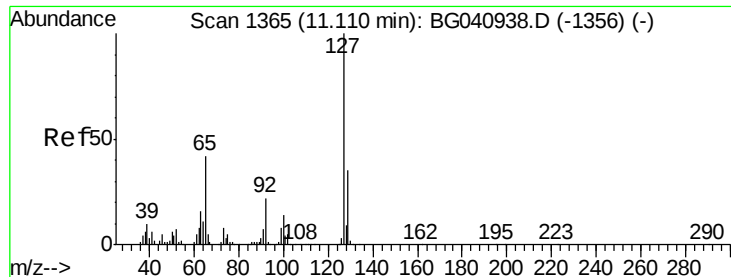
Tot Ion:128 Resp: 451661
Ion Ratio Lower Upper
128 100
129 10.2 8.5 12.7
127 13.9 11.4 17.2



#32
Benzoic acid
Concen: 33.433 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Tgt Ion:122 Resp: 87621
Ion Ratio Lower Upper
122 100
105 131.8 114.8 154.8
77 109.4 89.9 129.9

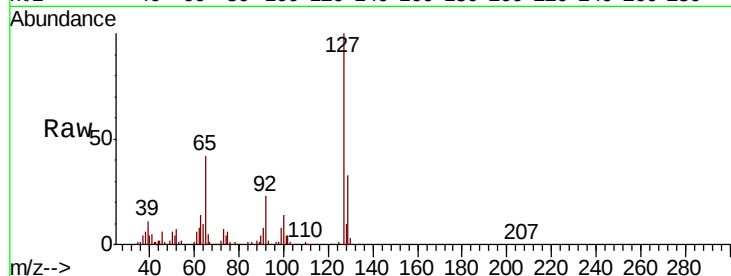




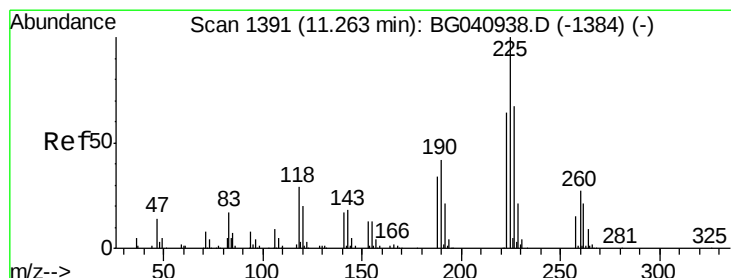
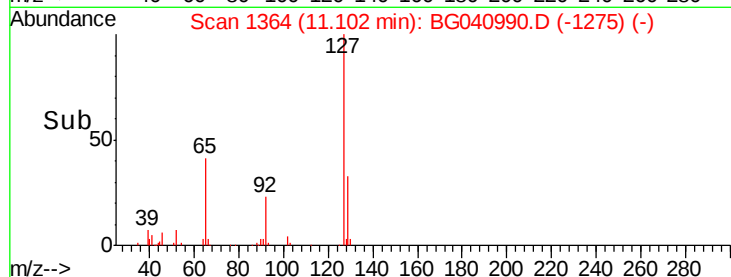
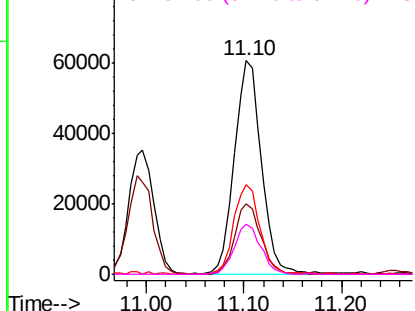
#33
4-Chloroaniline
Concen: 19.867 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Instrument :
BNA_G
ClientSampleId :
PB119943BS

Tot Ion:	127	Resp:	117136
Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.7	41.5
65	41.8	33.2	49.8
92	23.1	17.2	25.8

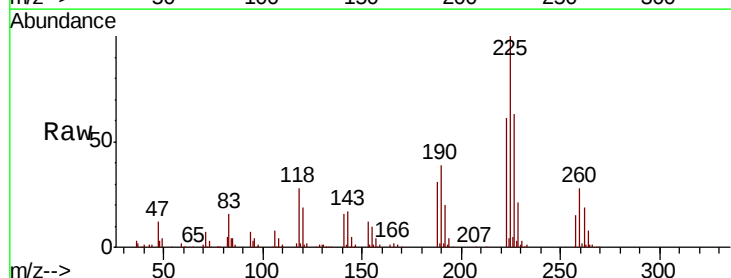


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

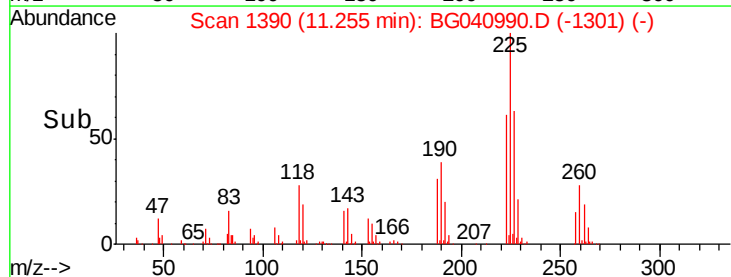
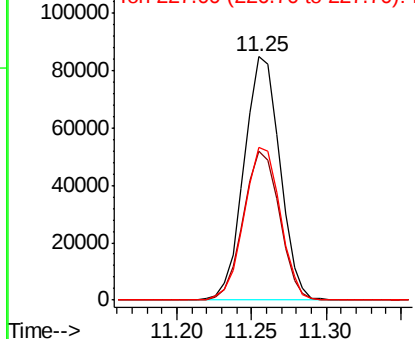


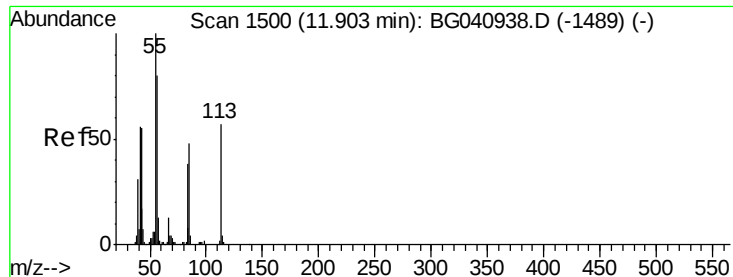
#34
Hexachlorobutadiene
Concen: 34.394 ng
RT: 11.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Tgt Ion:	225	Resp:	140631
Ion	Ratio	Lower	Upper
225	100		
223	60.9	48.8	73.2
227	66.0	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: 34.753 ng

RT: 11.88 min Scan# 1497

Delta R.T. -0.02 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

BNA_G

ClientSampleId :

PB119943BS

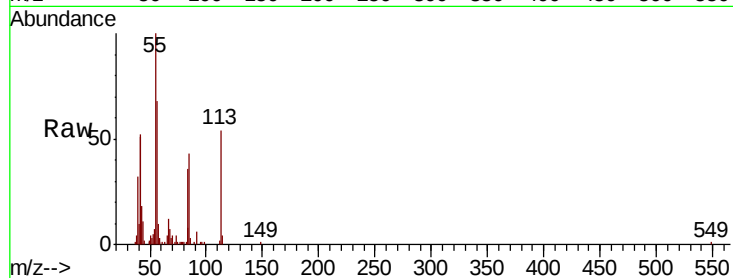
Tot Ion:113 Resp: 53909

Ion Ratio Lower Upper

113 100

55 185.5 155.9 195.9

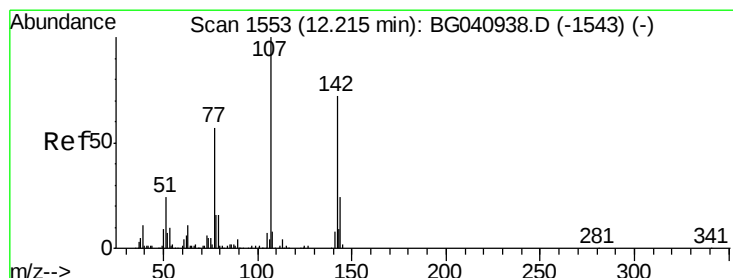
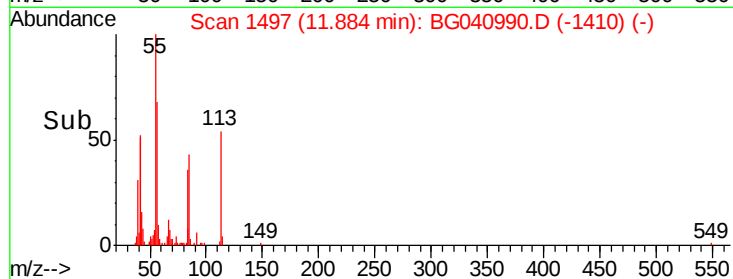
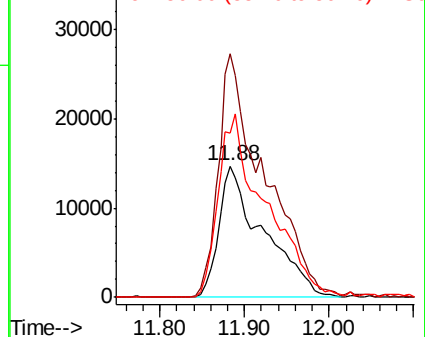
56 125.5 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 35.913 ng

RT: 12.21 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

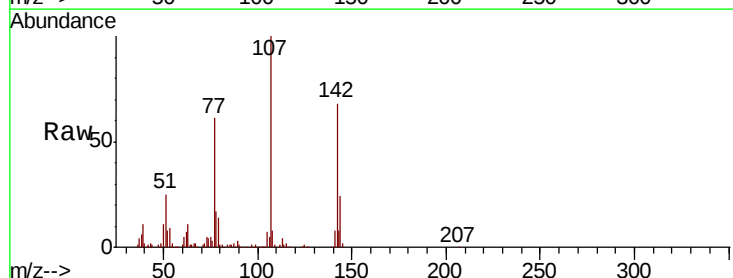
Tgt Ion:107 Resp: 192666

Ion Ratio Lower Upper

107 100

144 23.8 19.4 29.0

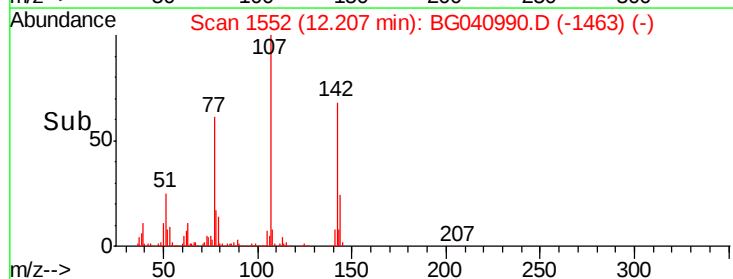
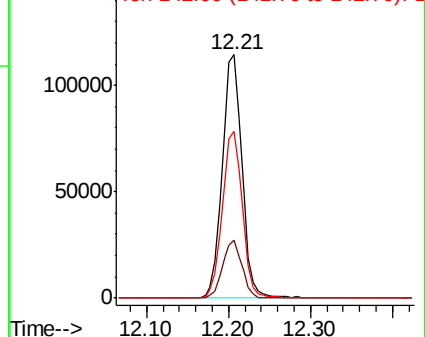
142 68.4 57.3 85.9

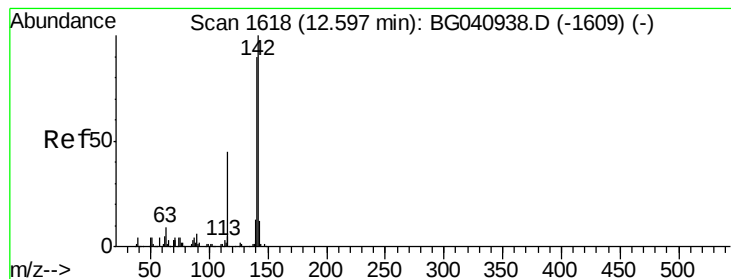


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 34.592 ng

RT: 12.59 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

BNA_G

ClientSampled :

PB119943BS

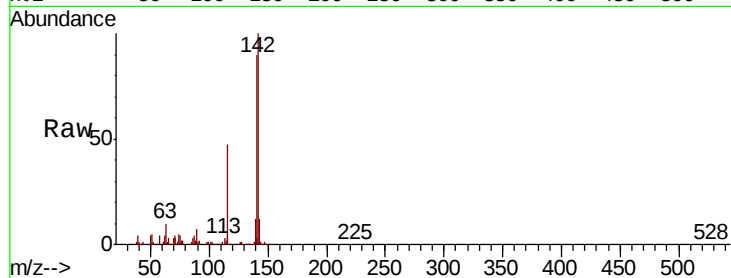
Tot Ion:142 Resp: 338552

Ion Ratio Lower Upper

142 100

141 90.2 72.2 108.4

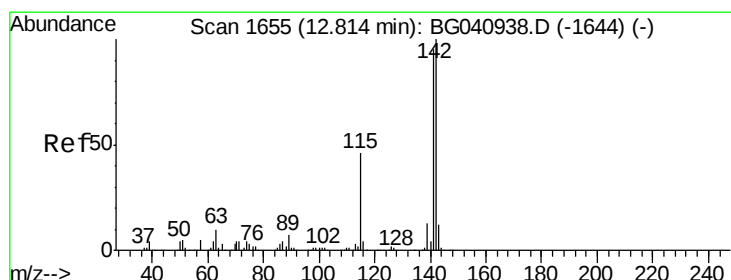
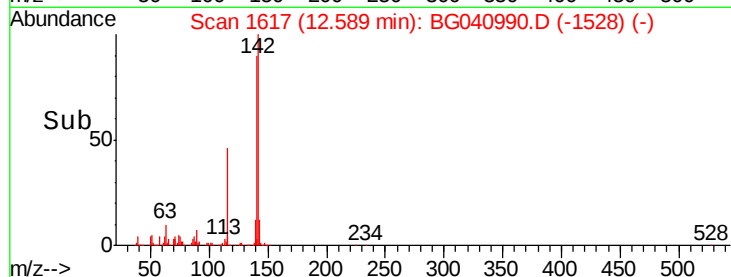
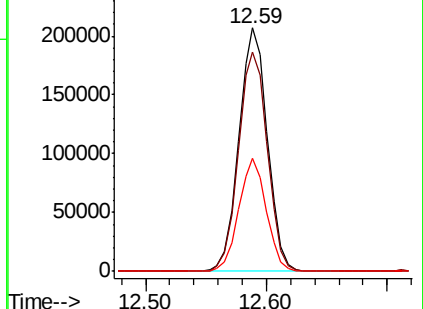
115 46.5 36.2 54.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 35.828 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

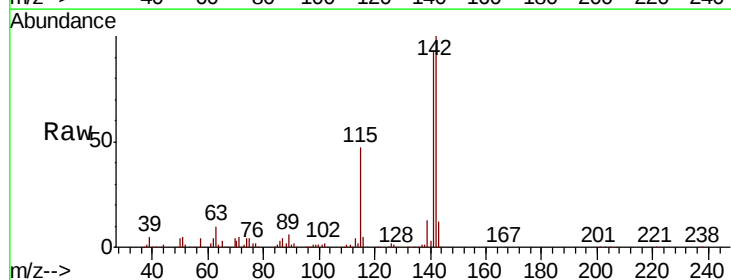
Tgt Ion:142 Resp: 330424

Ion Ratio Lower Upper

142 100

141 92.8 75.7 113.5

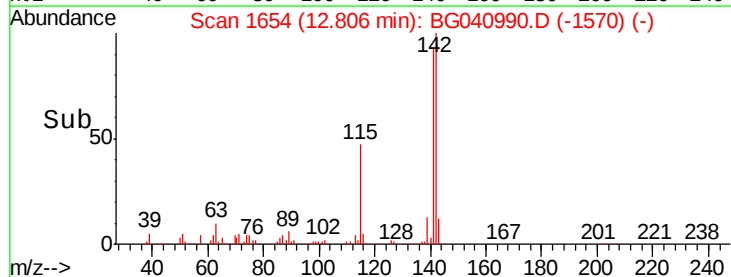
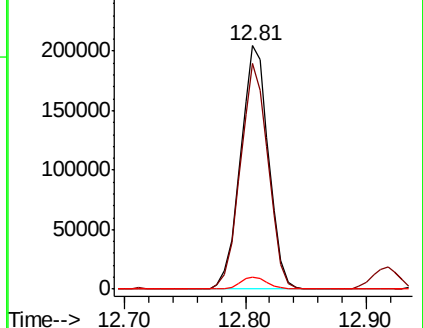
116 4.7 3.4 5.2

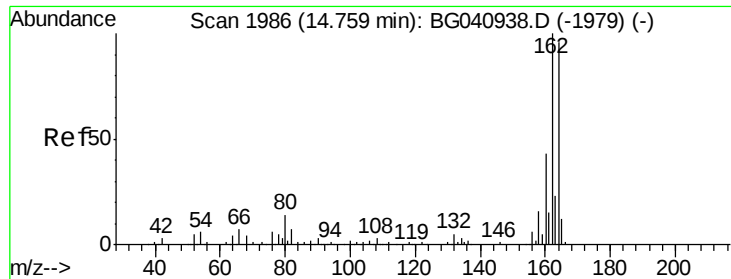


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

BNA_G

ClientSampleId :

PB119943BS

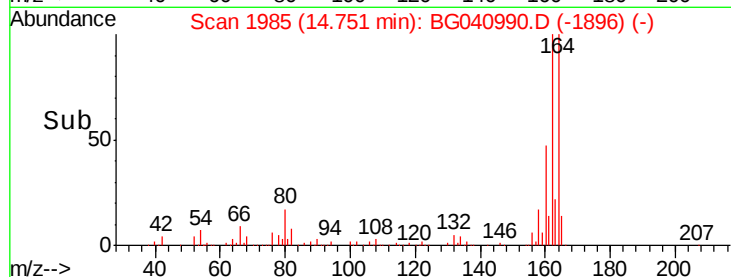
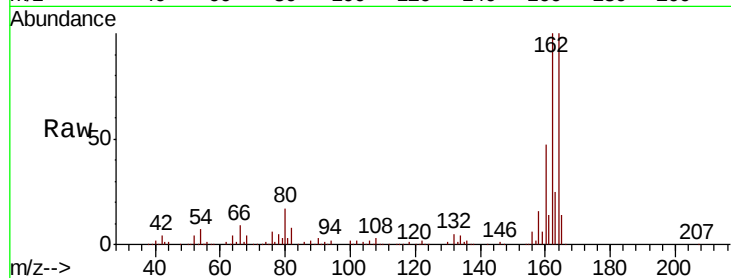
Tot Ion:164 Resp: 173533

Ion Ratio Lower Upper

164 100

162 99.5 83.0 124.4

160 47.0 35.6 53.4

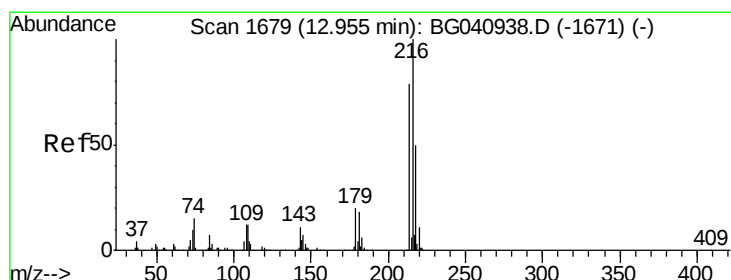
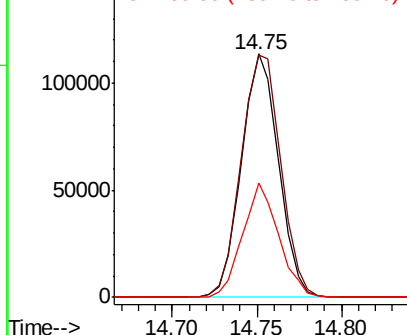


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.513 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Tgt Ion:216 Resp: 248389

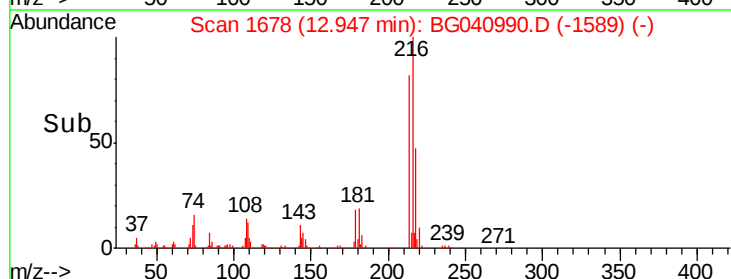
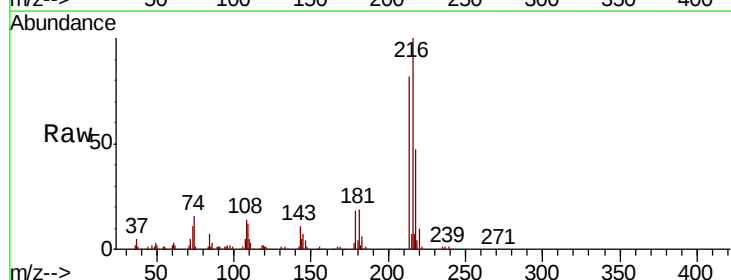
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.2

179 18.2 15.2 22.8

108 16.9 11.4 17.2



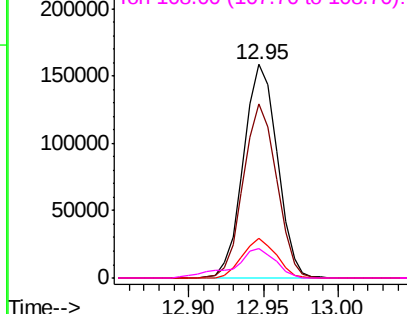
Abundance

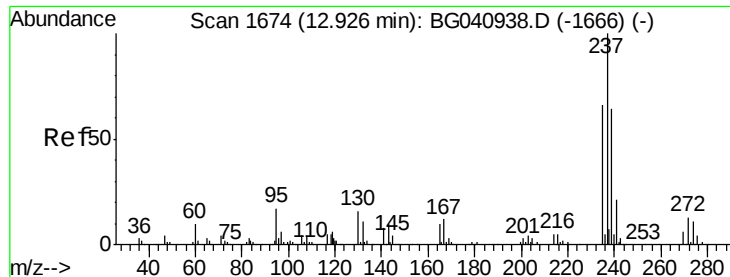
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.947 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

BNA_G

ClientSampleId :

PB119943BS

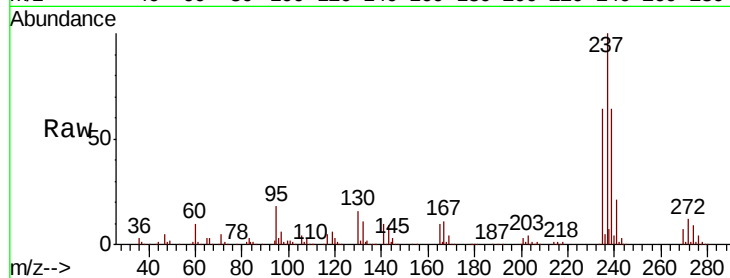
Tot Ion:237 Resp: 296369

Ion Ratio Lower Upper

237 100

235 64.2 45.5 85.5

272 12.2 0.0 32.9

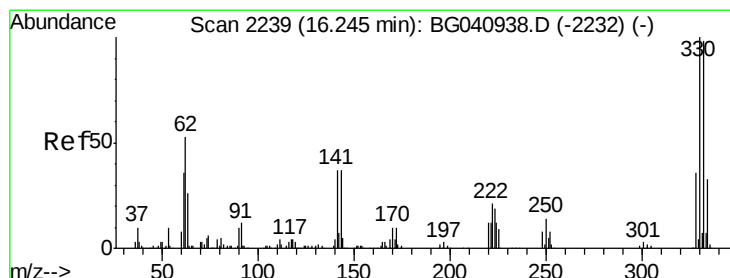
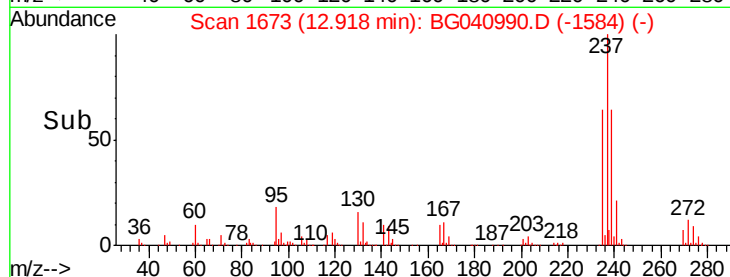
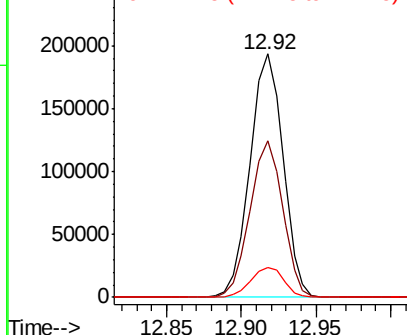


Abundance

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: 117.377 ng

RT: 16.24 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

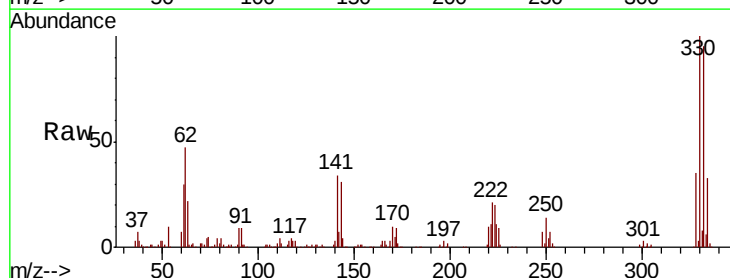
Tgt Ion:330 Resp: 302389

Ion Ratio Lower Upper

330 100

332 96.1 78.5 117.7

141 36.5 28.7 43.1

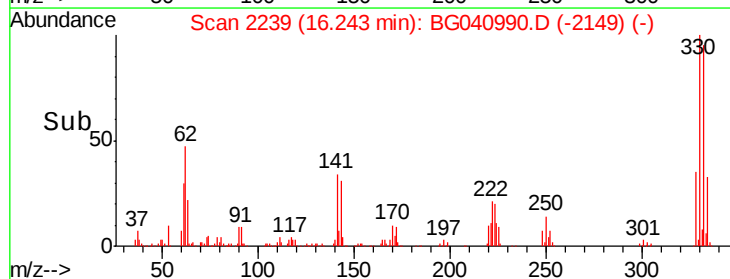
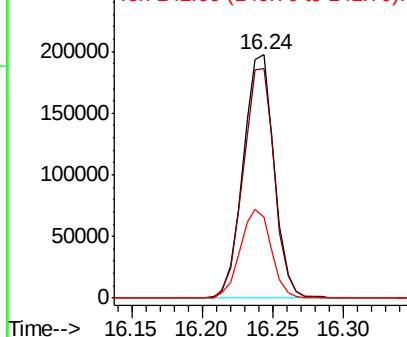


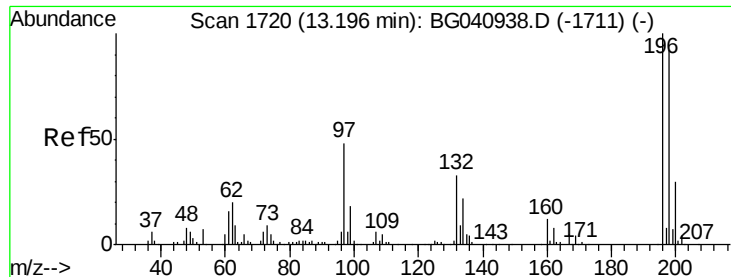
Abundance

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

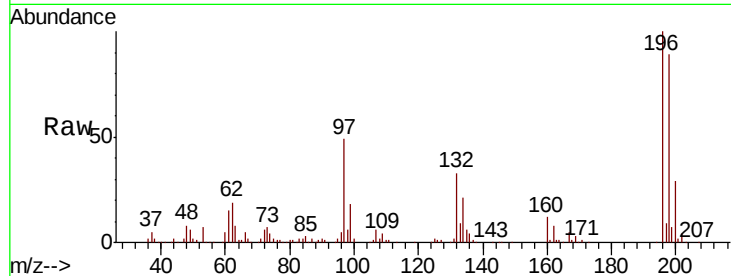




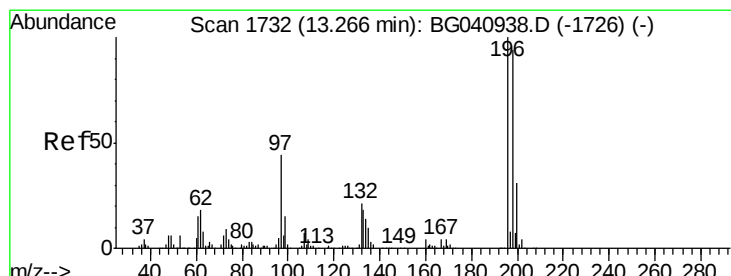
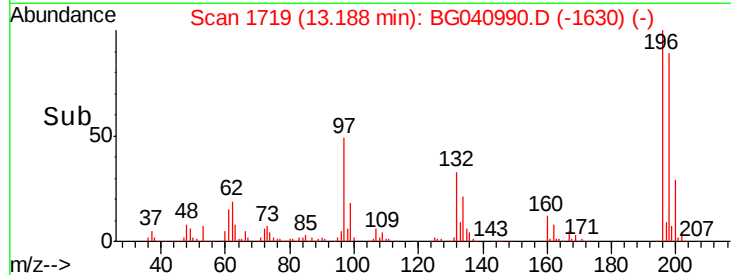
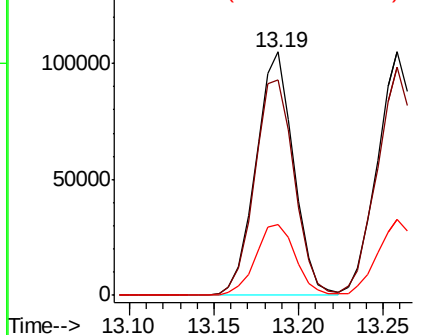
#43
 2,4,6-Trichlorophenol
 Concen: 35.762 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG040990.D
 Acq: 1 Jun 2019 00:19

Instrument :
 BNA_G
 ClientSampleId :
 PB119943BS

Tot Ion:196 Resp: 161814
 Ion Ratio Lower Upper
 196 100
 198 88.6 73.8 110.6
 200 29.0 24.1 36.1

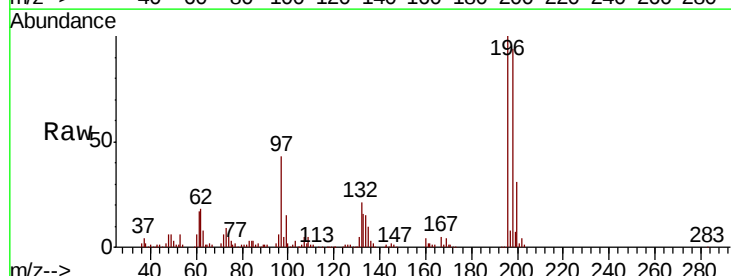


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

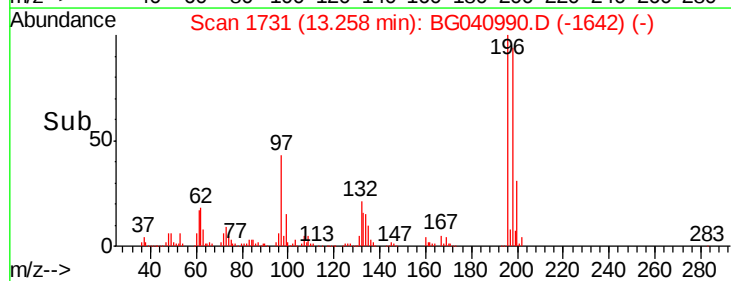
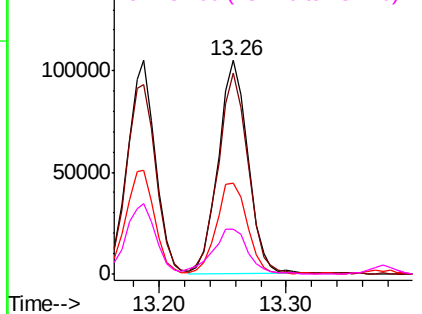


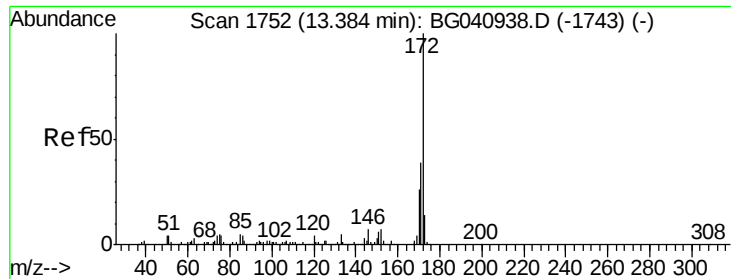
#44
 2,4,5-Trichlorophenol
 Concen: 35.638 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG040990.D
 Acq: 1 Jun 2019 00:19

Tgt Ion:196 Resp: 170060
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.1 112.7
 97 42.7 35.6 53.4
 132 21.2 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

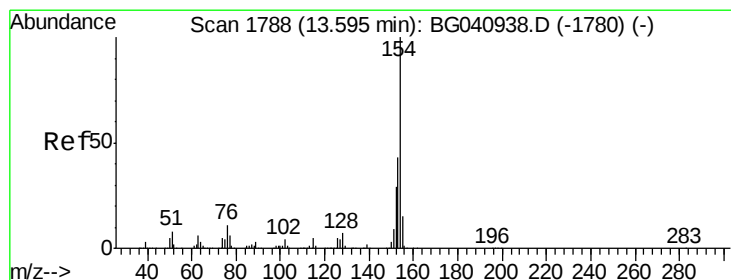
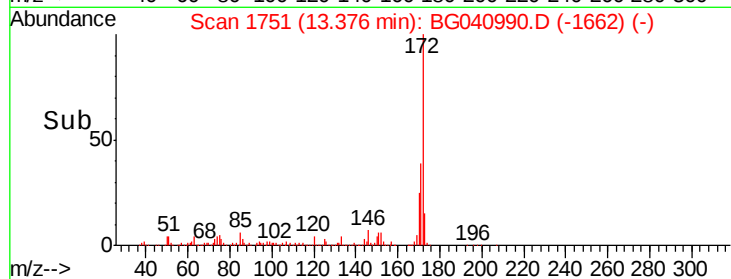
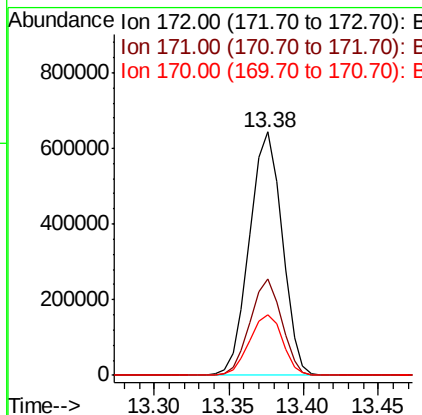
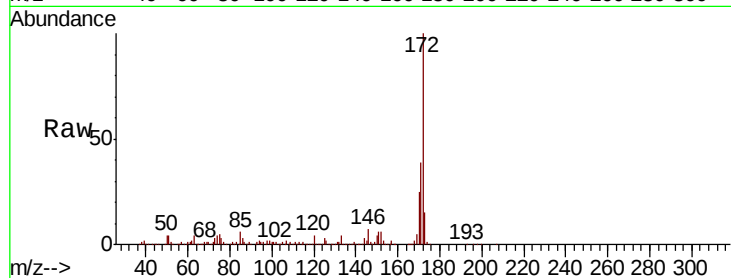




#45
2-Fluorobiphenyl
Concen: 80.830 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

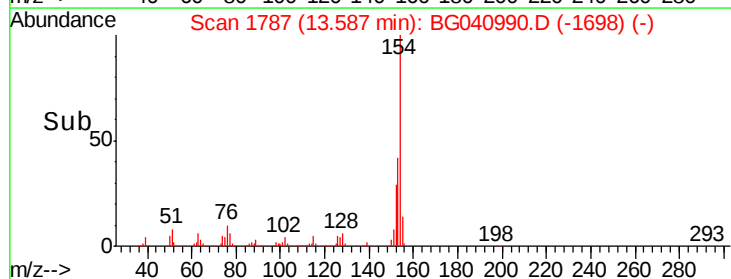
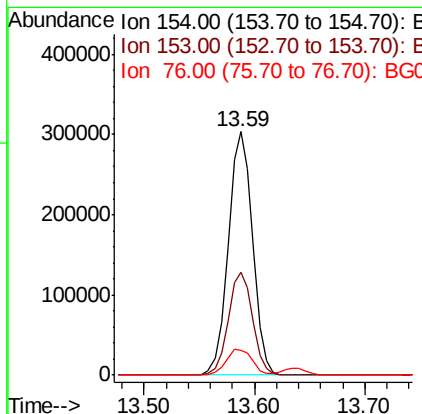
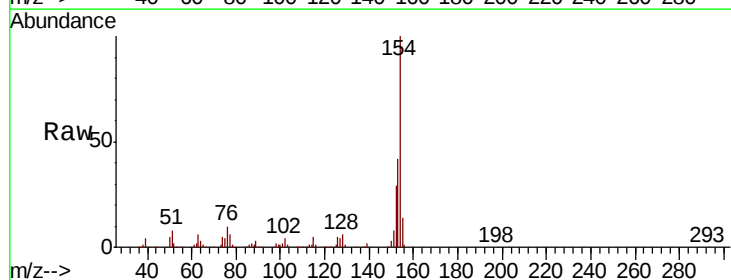
Instrument :
BNA_G
ClientSampleId :
PB119943BS

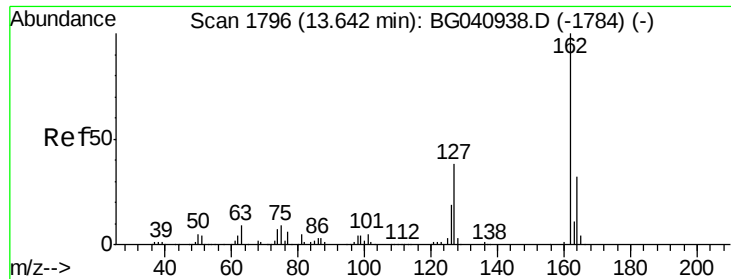
Tot Ion:172 Resp: 974007
Ion Ratio Lower Upper
172 100
171 39.4 31.1 46.7
170 25.0 20.5 30.7



#46
1,1'-Biphenyl
Concen: 36.212 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Tgt Ion:154 Resp: 465147
Ion Ratio Lower Upper
154 100
153 42.2 23.3 63.3
76 10.3 0.0 31.1

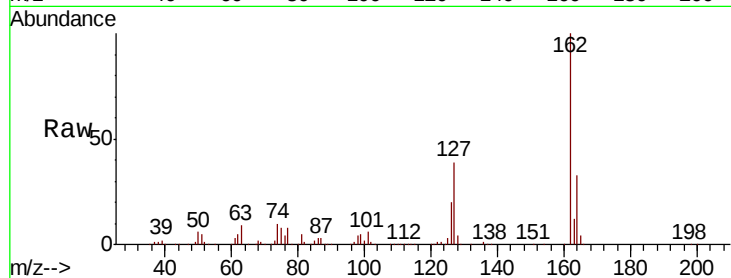




#47
2-Chloronaphthalene
Concen: 34.274 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Instrument :
BNA_G
ClientSampleId :
PB119943BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	30.5	45.7
164	33.2	25.8	38.6

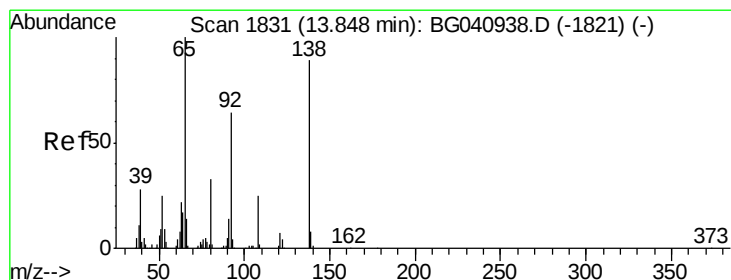
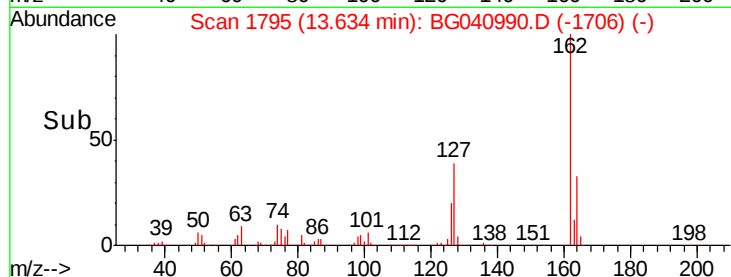
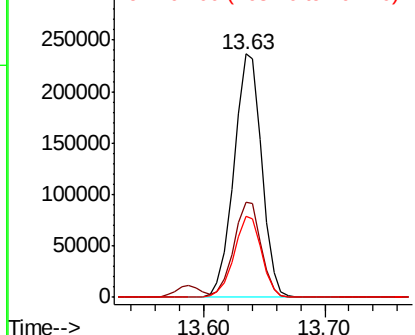


Abundance

Ion 162.00 (161.70 to 162.70): E

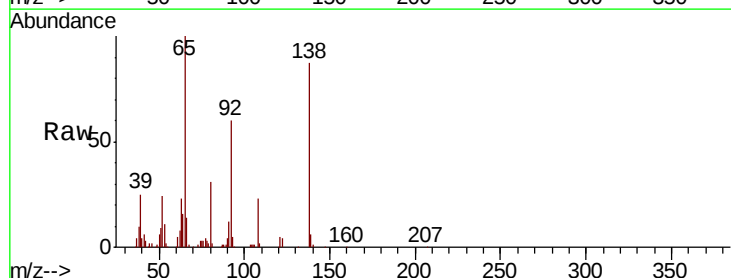
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 35.182 ng
RT: 13.84 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.7	51.0	76.6
138	87.4	71.2	106.8

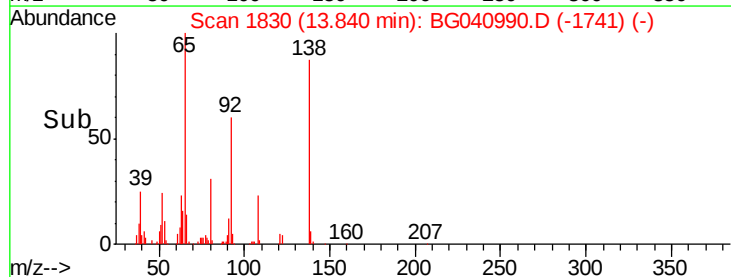
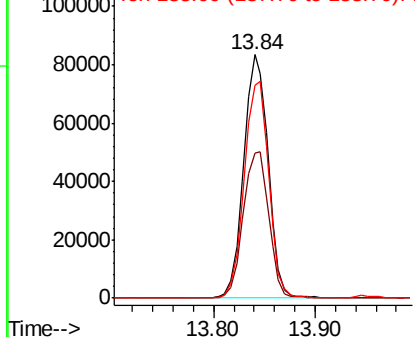


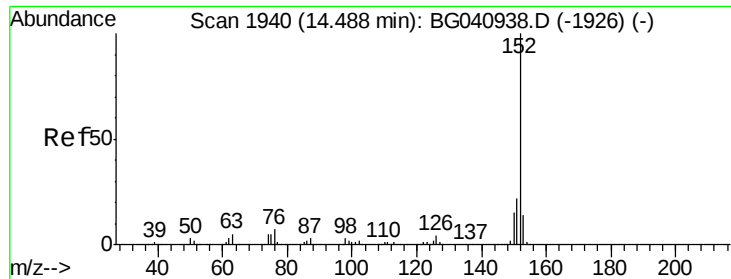
Abundance

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: 35.818 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

BNA_G

ClientSampleId :

PB119943BS

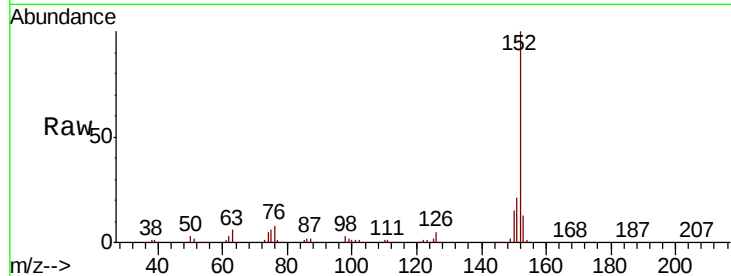
Tot Ion:152 Resp: 594464

Ion Ratio Lower Upper

152 100

151 21.0 17.4 26.0

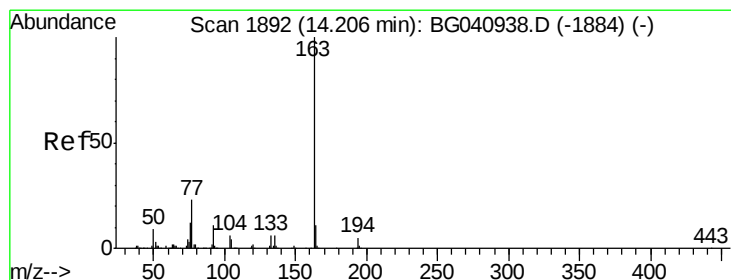
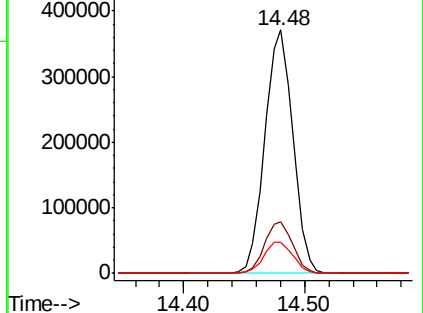
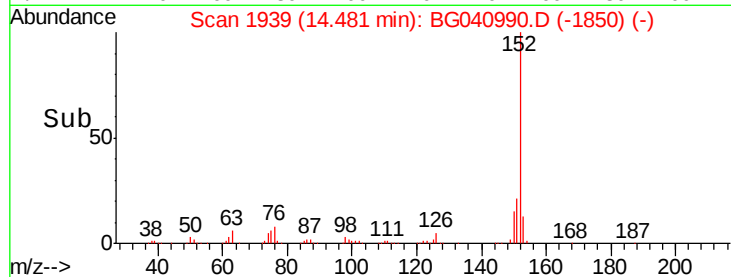
153 12.9 11.0 16.4



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: 34.737 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

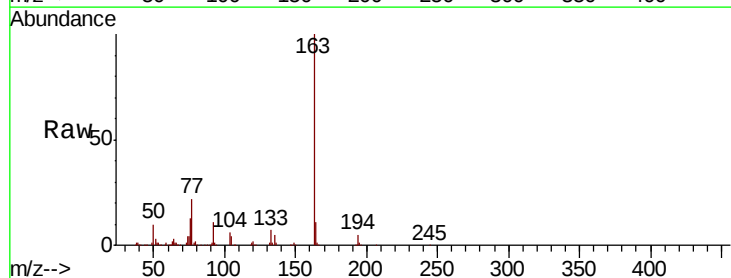
Tgt Ion:163 Resp: 510274

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.8

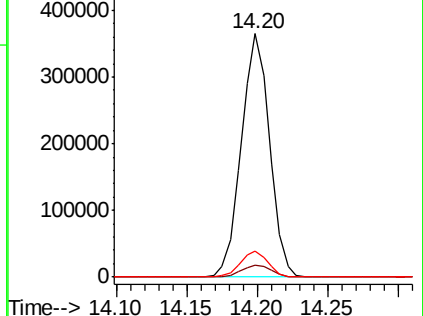
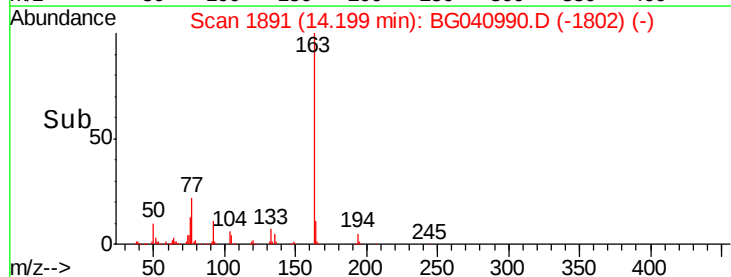
164 10.7 8.7 13.1

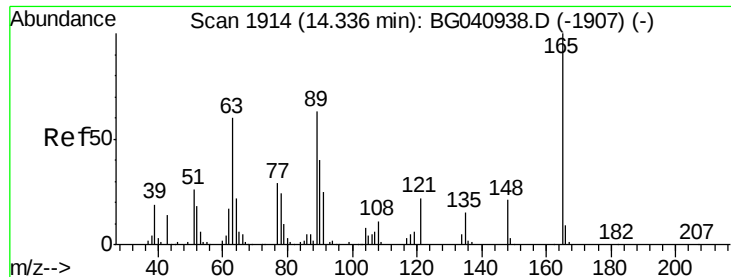


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 35.264 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

BNA_G

ClientSampleId :

PB119943BS

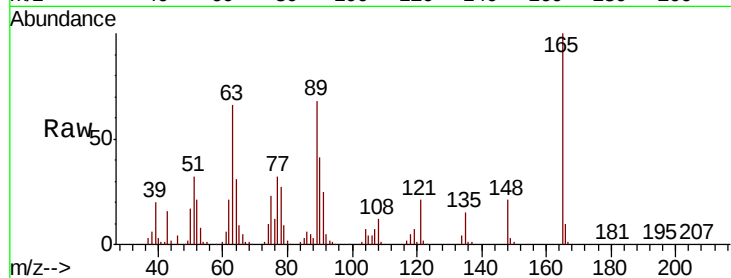
Tot Ion:165 Resp: 111689

Ion Ratio Lower Upper

165 100

63 66.4 53.6 80.4

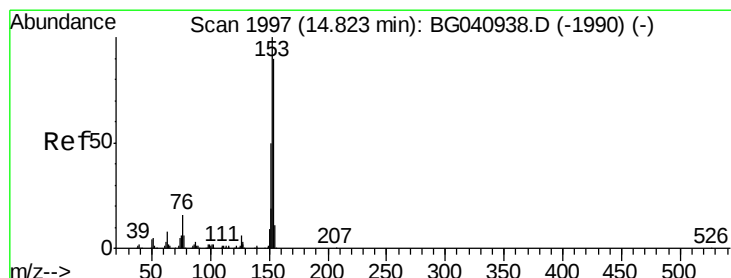
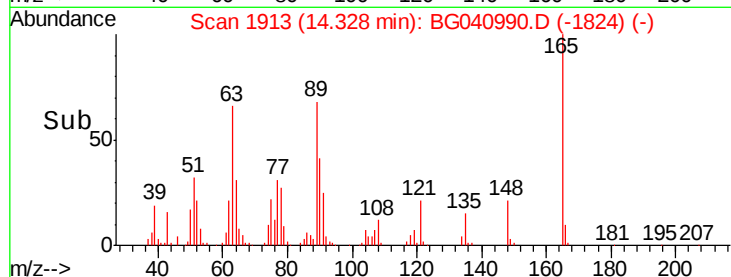
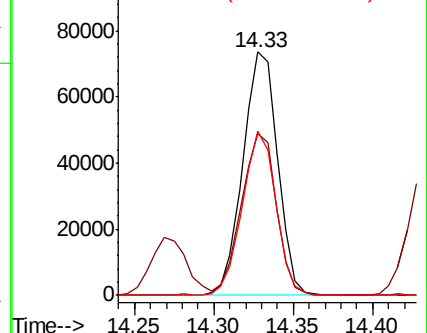
89 67.5 50.4 75.6



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: 34.524 ng

RT: 14.82 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

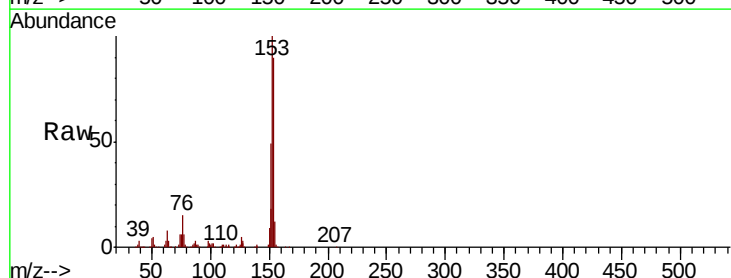
Tgt Ion:154 Resp: 347118

Ion Ratio Lower Upper

154 100

153 111.4 88.6 133.0

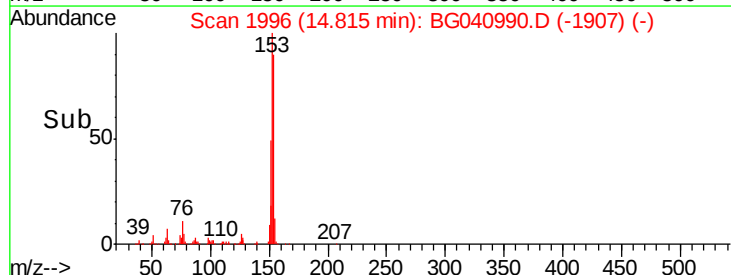
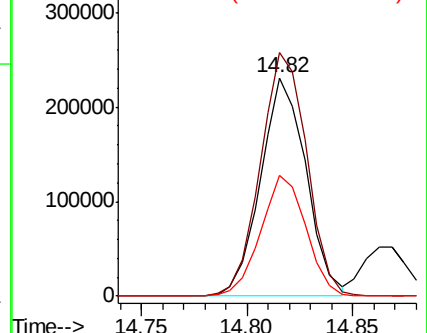
152 55.1 44.2 66.4

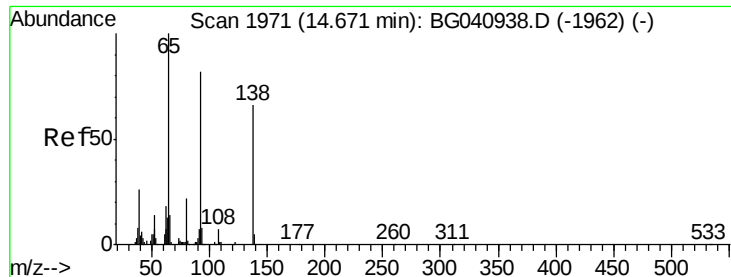


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 24.891 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

BNA_G

ClientSampleId :

PB119943BS

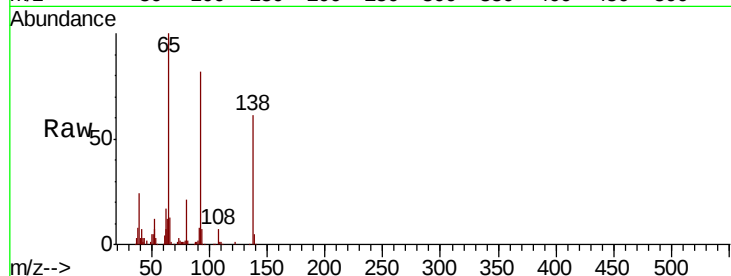
Tot Ion:138 Resp: 78832

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

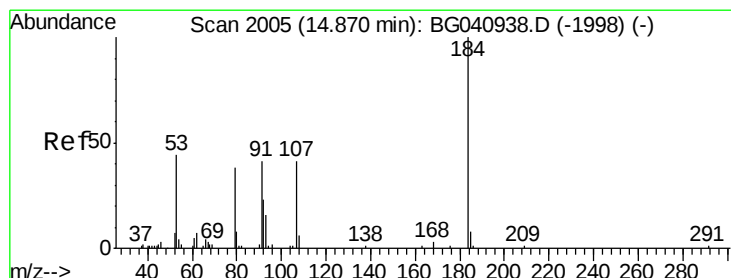
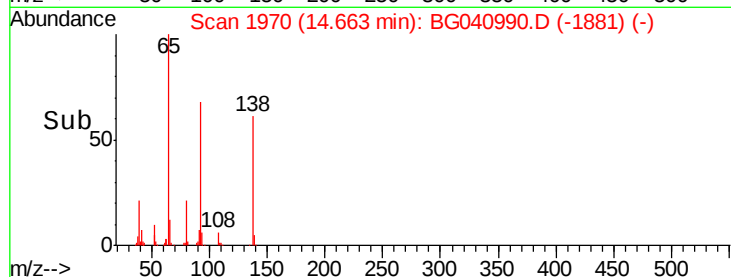
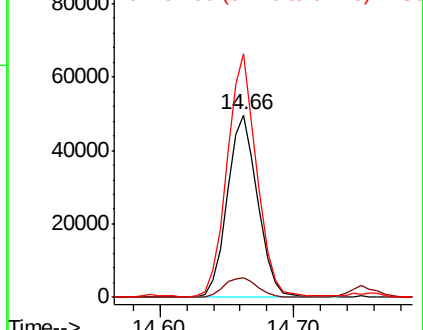
92 133.3 99.0 148.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 78.910 ng

RT: 14.87 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

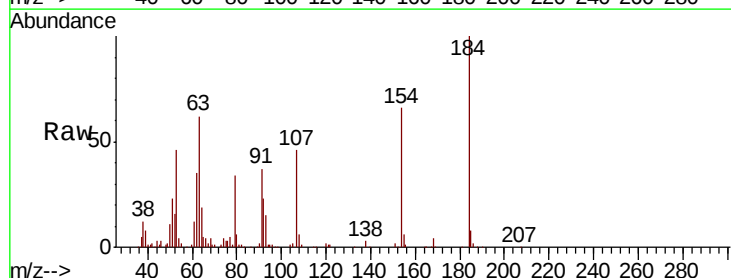
Tgt Ion:184 Resp: 129439

Ion Ratio Lower Upper

184 100

63 62.4 49.8 74.6

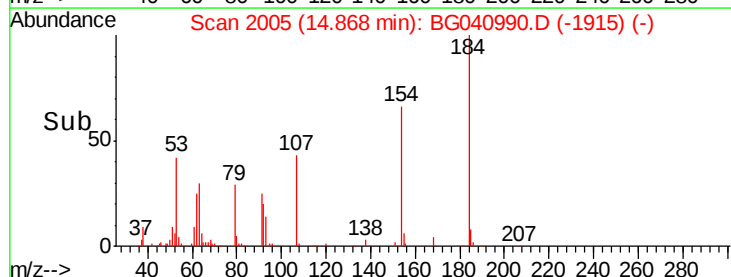
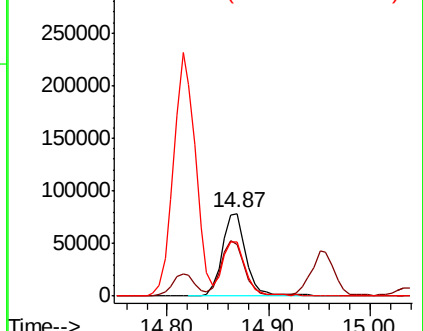
154 66.1 52.2 78.4

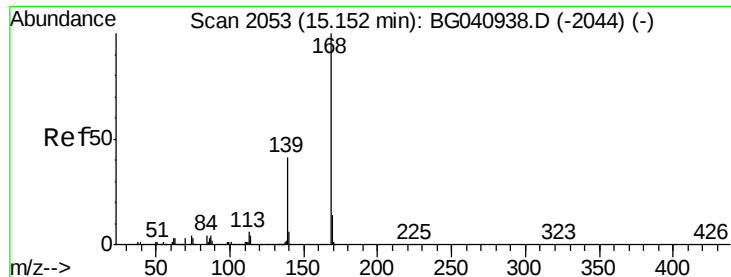


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzo(furan)

Concen: 35.337 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

BNA_G

ClientSampleId :

PB119943BS

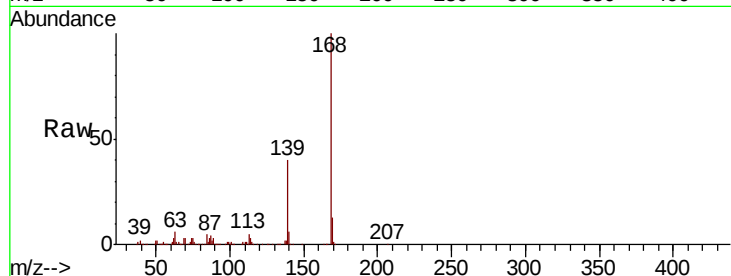
Tot Ion:168 Resp: 597837

Ion Ratio Lower Upper

168 100

139 40.0 32.8 49.2

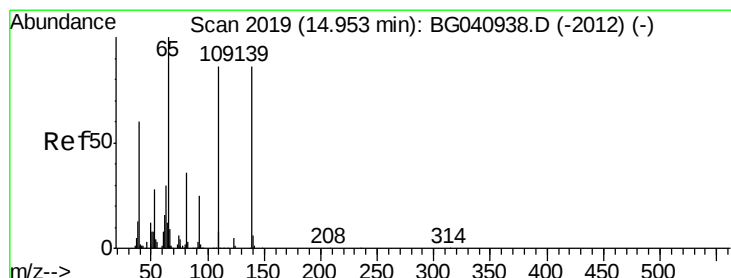
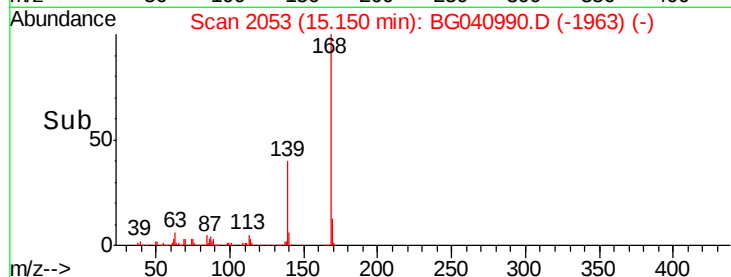
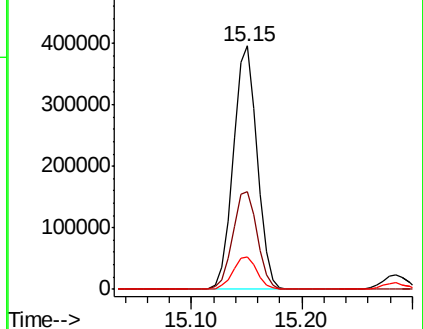
169 13.3 11.3 16.9



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: 80.601 ng

RT: 14.96 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

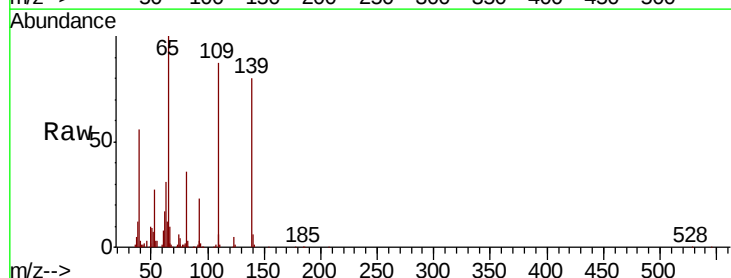
Tgt Ion:139 Resp: 175093

Ion Ratio Lower Upper

139 100

109 108.8 79.6 119.6

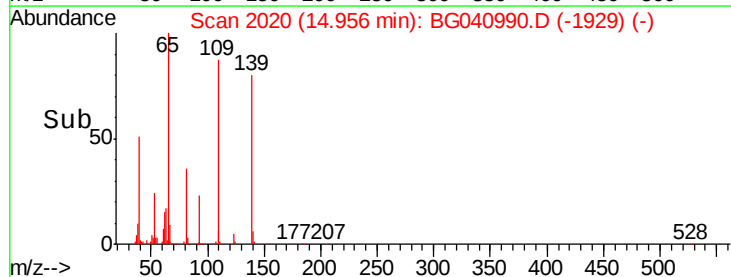
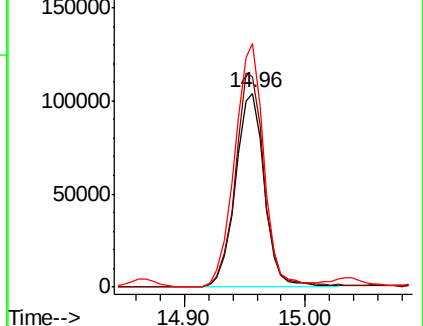
65 125.6 96.9 136.9

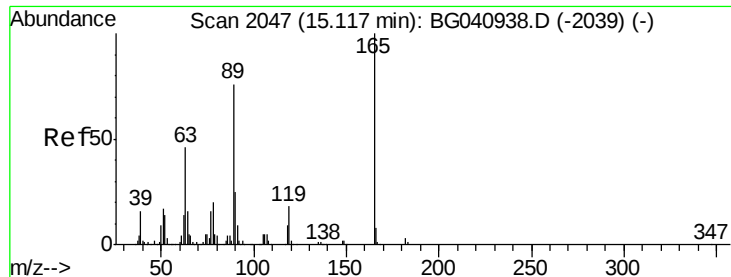


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

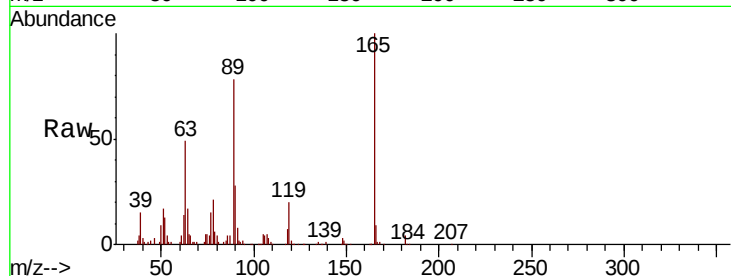




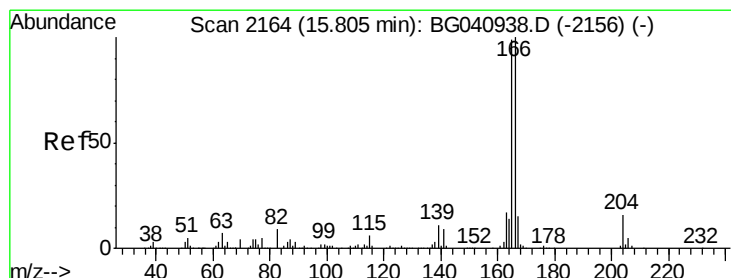
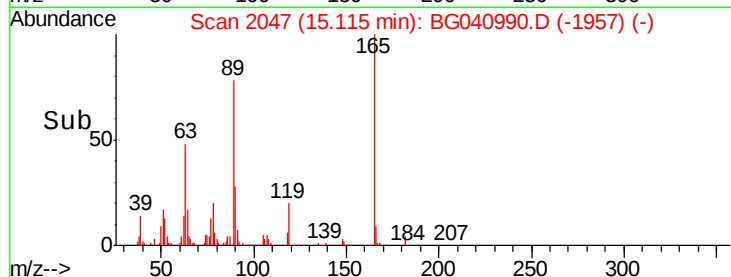
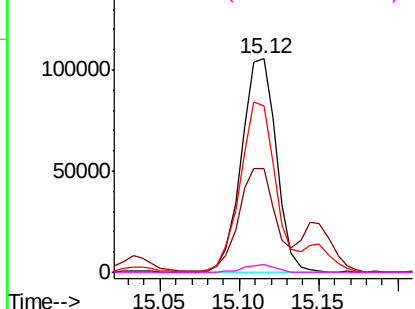
#57
2,4-Dinitrotoluene
Concen: 35.846 ng
RT: 15.12 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Instrument :
BNA_G
ClientSampleId :
PB119943BS

Tot Ion:165 Resp: 160372
Ion Ratio Lower Upper
165 100
63 48.5 37.3 55.9
89 78.1 61.0 91.6
182 3.7 2.2 3.2#

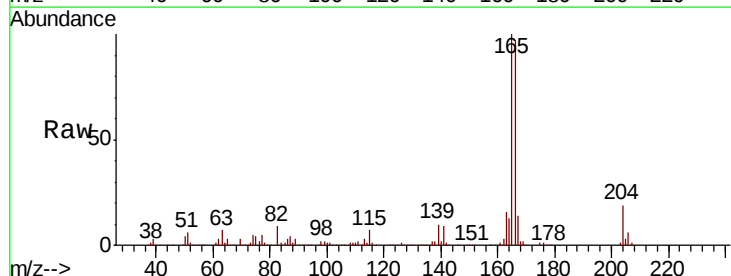


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

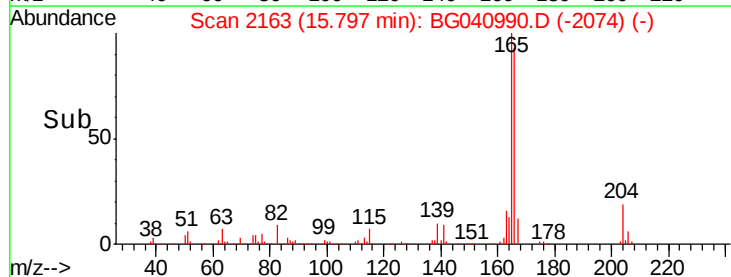
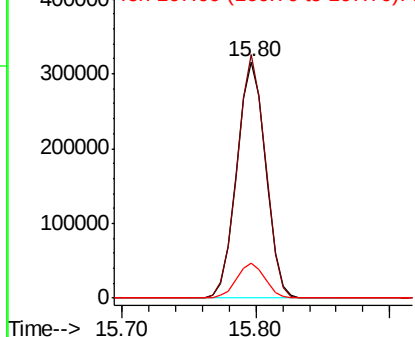


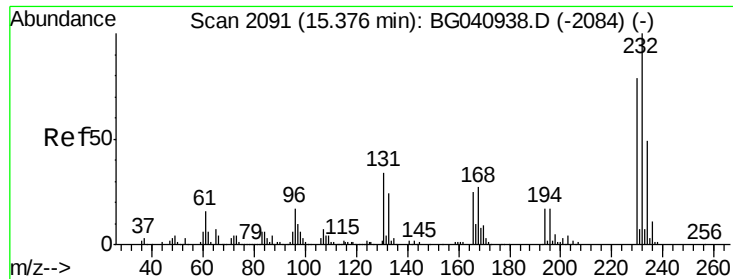
#58
Fluorene
Concen: 35.098 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Tgt Ion:166 Resp: 472885
Ion Ratio Lower Upper
166 100
165 102.9 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

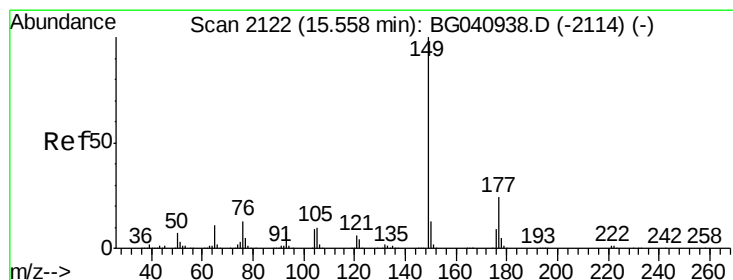
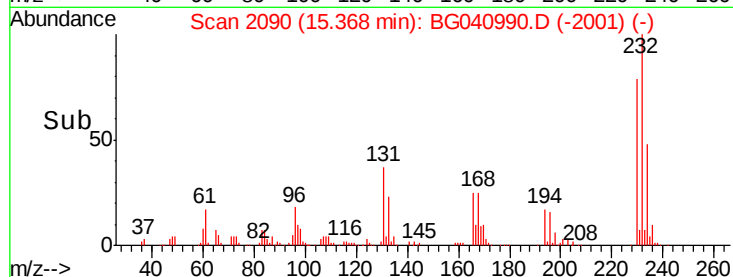
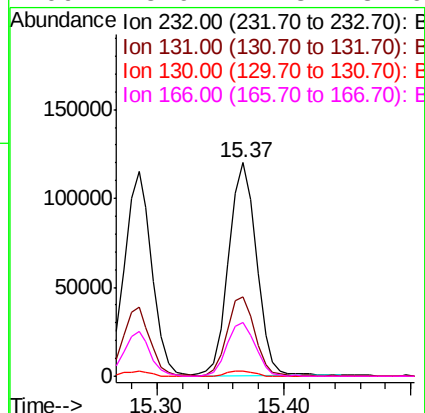
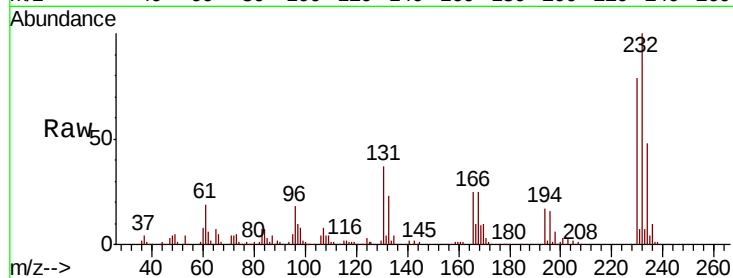




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.822 ng
RT: 15.37 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

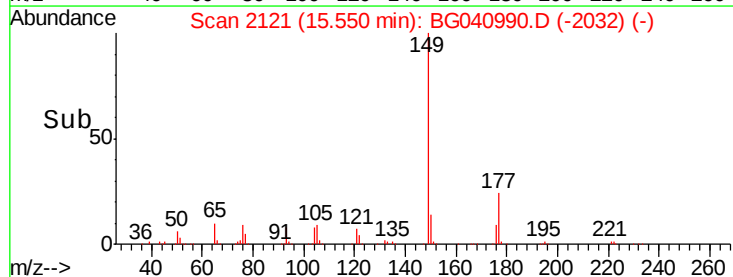
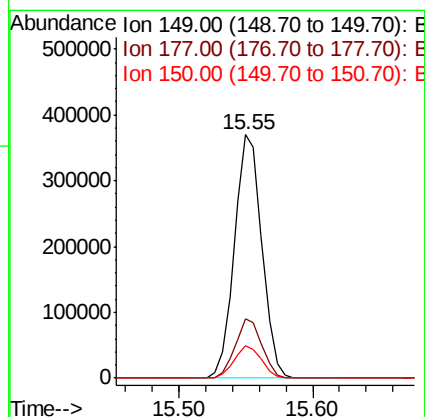
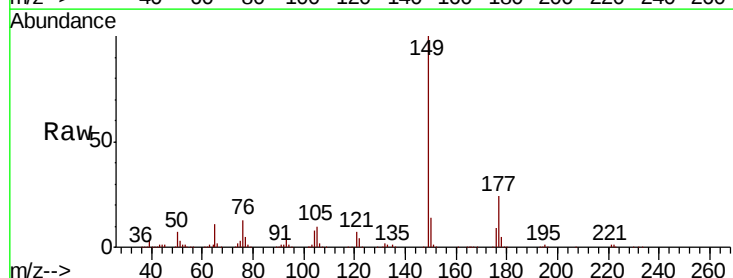
Instrument :
BNA_G
ClientSampleId :
PB119943BS

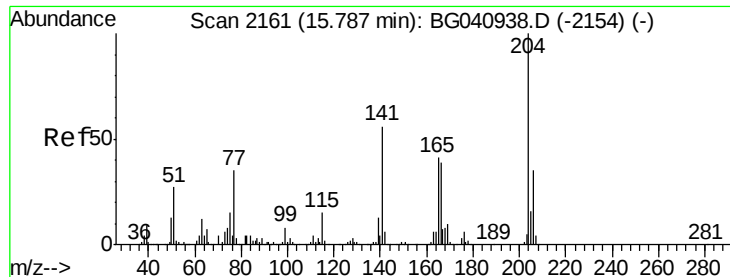
Tot Ion:232	Resp:	182059
Ion Ratio	Lower	Upper
232	100	
131	36.7	30.3 45.5
130	2.4	1.8 2.8
166	25.9	21.3 31.9



#60
Diethylphthalate
Concen: 35.007 ng
RT: 15.55 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Tgt Ion:149	Resp:	524800
Ion Ratio	Lower	Upper
149	100	
177	24.2	19.4 29.0
150	13.6	10.3 15.5

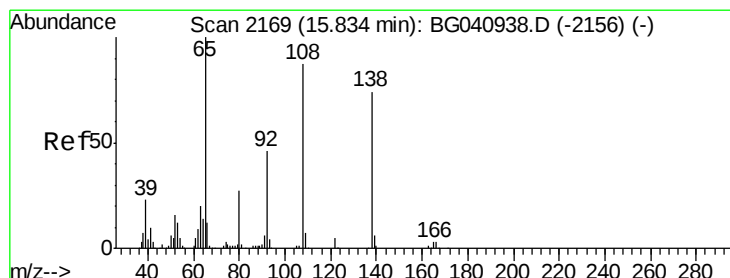
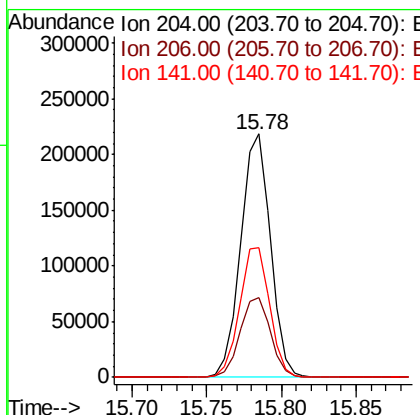
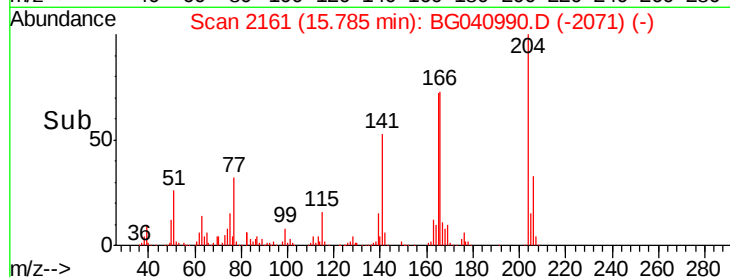
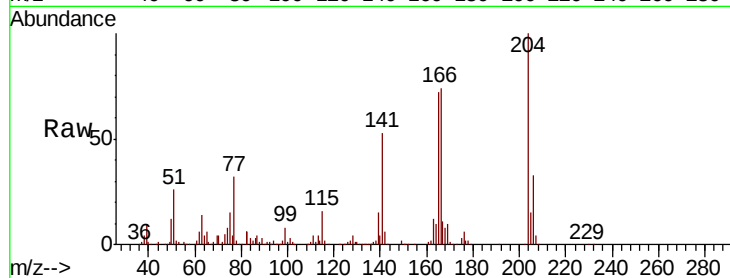




#61
4-Chlorophenyl-phenylether
Concen: 34.288 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

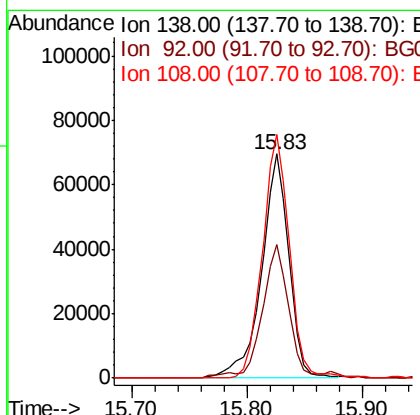
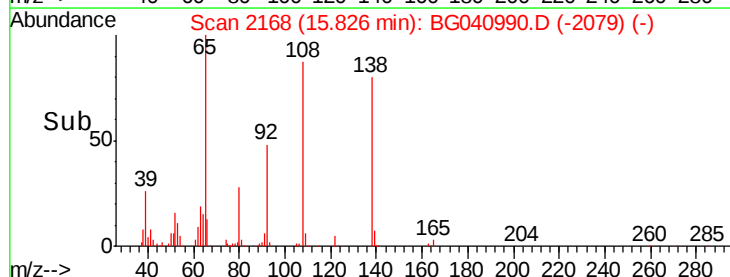
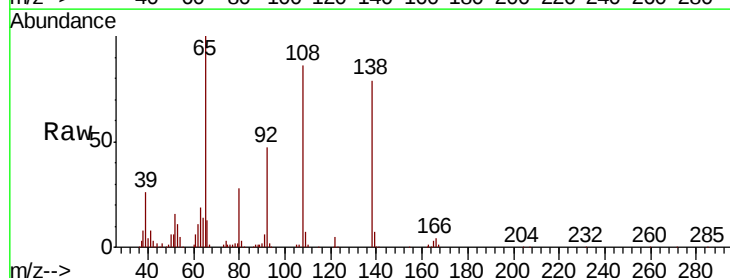
Instrument :
BNA_G
ClientSampleId :
PB119943BS

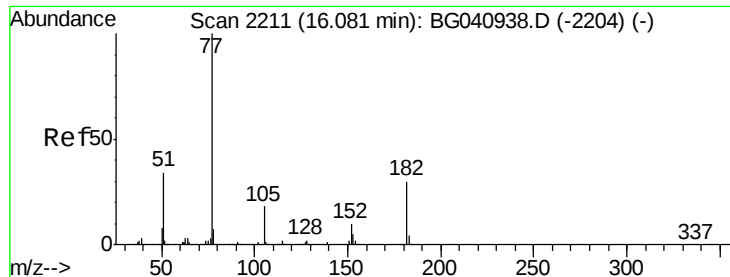
Tot Ion:204 Resp: 300272
Ion Ratio Lower Upper
204 100
206 32.7 27.6 41.4
141 53.5 45.1 67.7



#62
4-Nitroaniline
Concen: 34.272 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Tgt Ion:138 Resp: 114913
Ion Ratio Lower Upper
138 100
92 59.7 42.4 82.4
108 108.6 96.9 136.9





#63

Azobenzene

Concen: 35.585 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

BNA_G

ClientSampleId :

PB119943BS

Tot Ion: 77 Resp: 484855

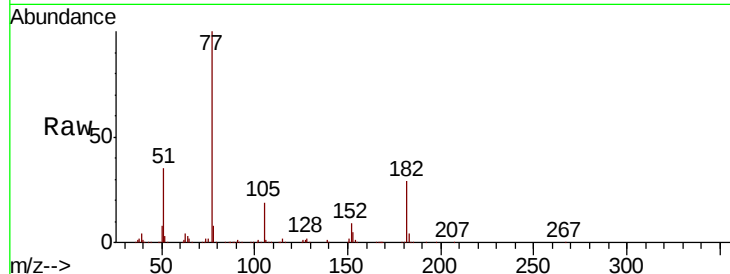
Ion	Ratio	Lower	Upper
77	100		
182	29.4	9.6	49.6
105	19.0	0.0	37.5
51	35.3	13.7	53.7

77 100

182 29.4 9.6 49.6

105 19.0 0.0 37.5

51 35.3 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

16.07

300000

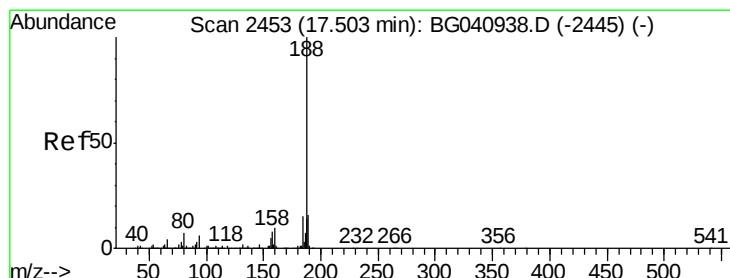
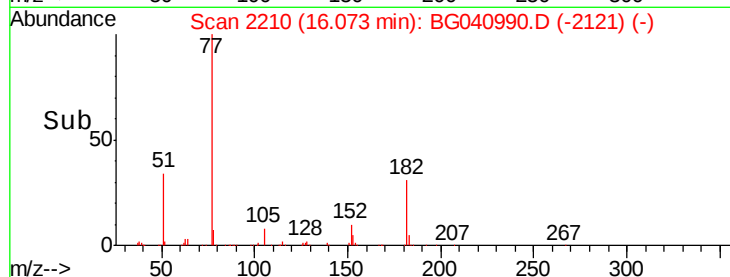
200000

100000

0

16.00 16.05 16.10 16.15

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

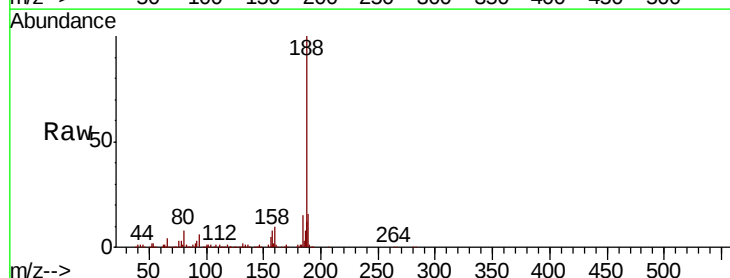
Tgt Ion: 188 Resp: 447399

Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.7	7.1
80	8.0	5.8	8.8

188 100

94 6.2 4.7 7.1

80 8.0 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

17.49

300000

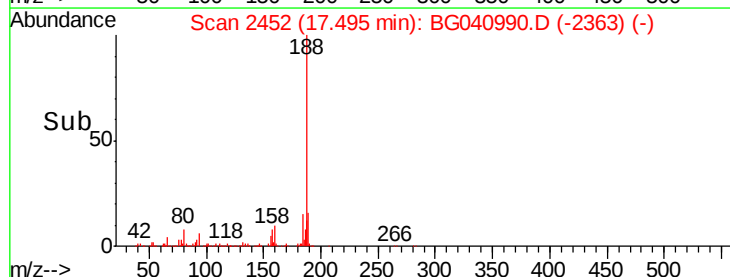
200000

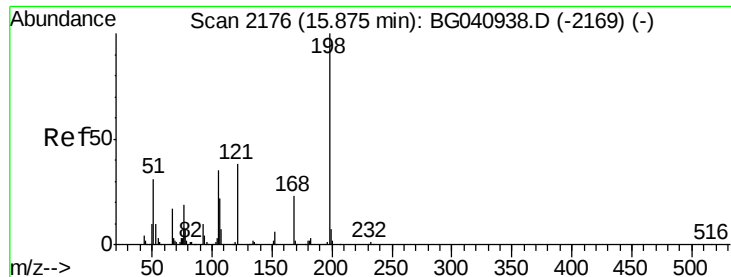
100000

0

17.40 17.50

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 41.166 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

BNA_G

ClientSampleId :

PB119943BS

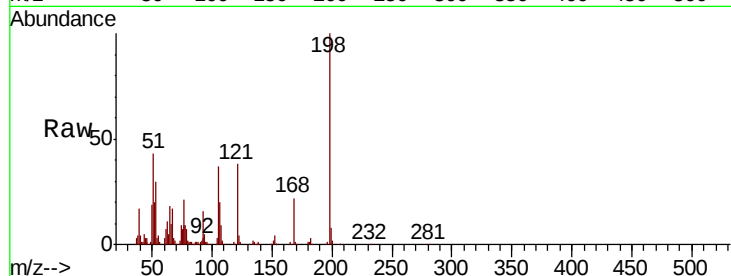
Tot Ion:198 Resp: 95123

Ion Ratio Lower Upper

198 100

51 43.2 21.6 61.6

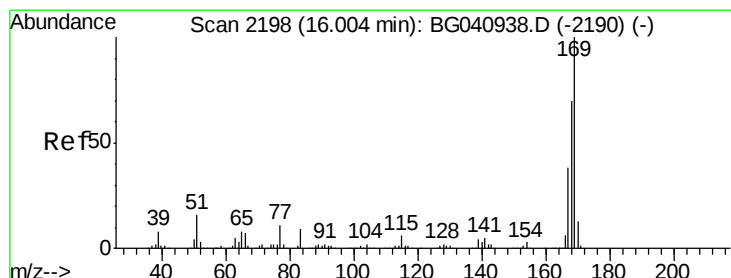
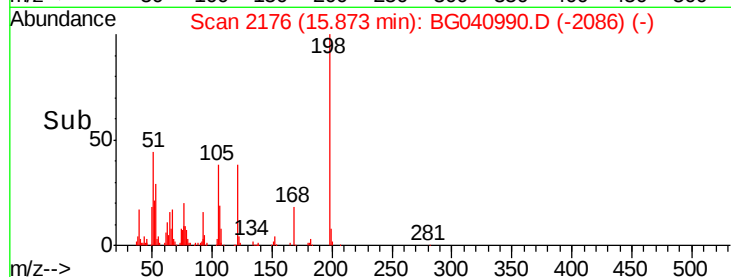
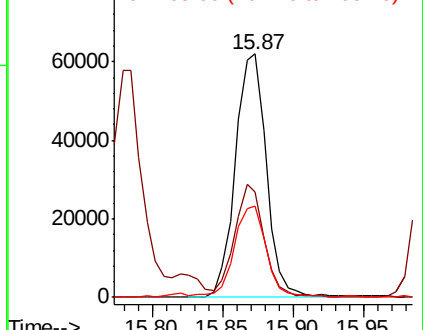
105 37.4 17.5 57.5



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: 35.331 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

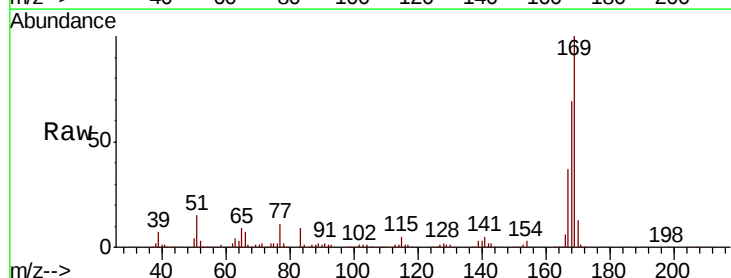
Tgt Ion:169 Resp: 444359

Ion Ratio Lower Upper

169 100

168 69.4 55.7 83.5

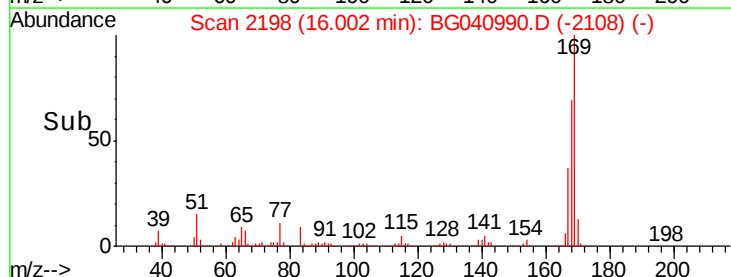
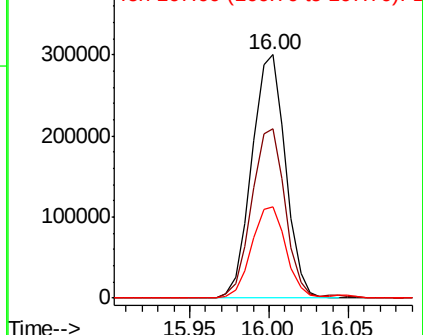
167 37.3 30.2 45.2

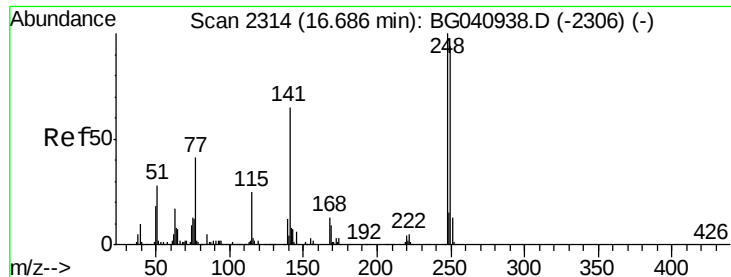


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

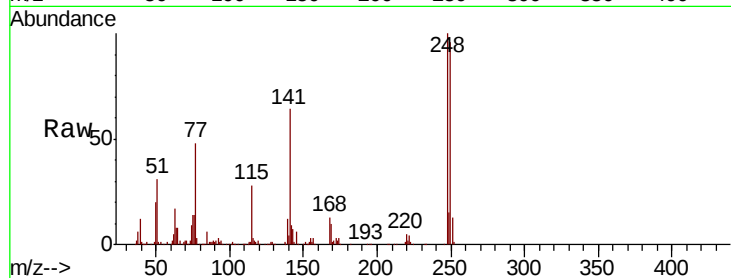




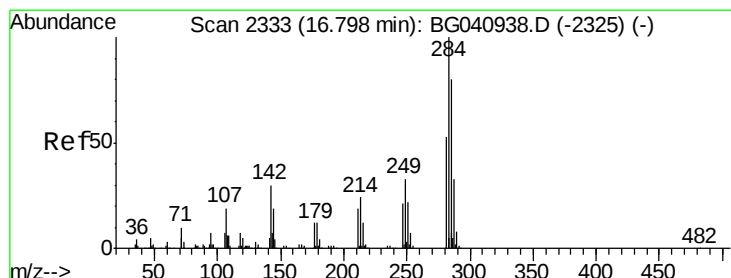
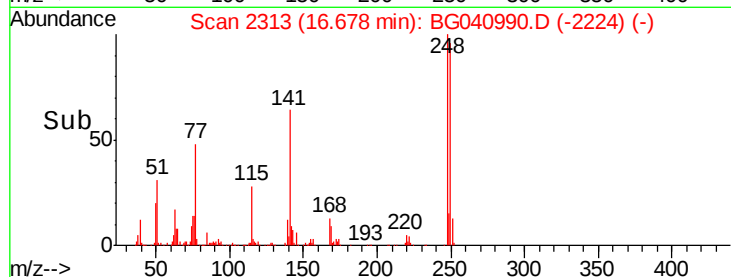
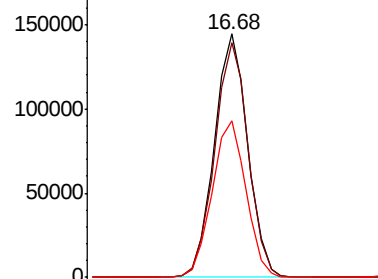
#67
4-Bromophenyl-phenylether
Concen: 32.722 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Instrument :
BNA_G
ClientSampleId :
PB119943BS

Tot Ion:248 Resp: 197572
Ion Ratio Lower Upper
248 100
250 96.2 75.0 112.4
141 64.5 52.4 78.6

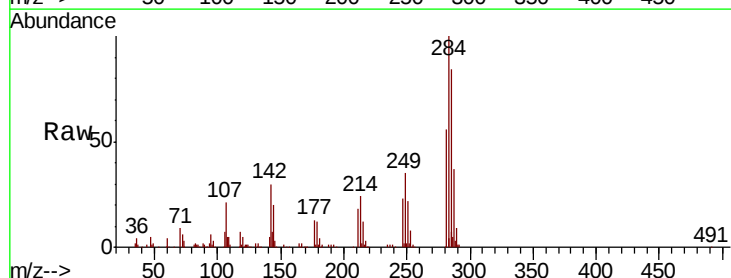


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

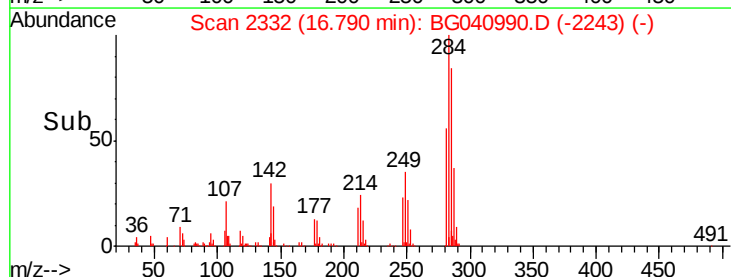
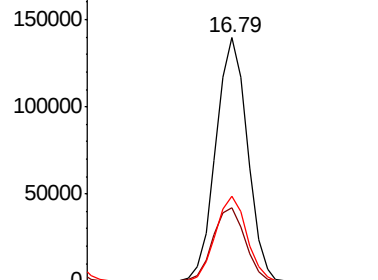


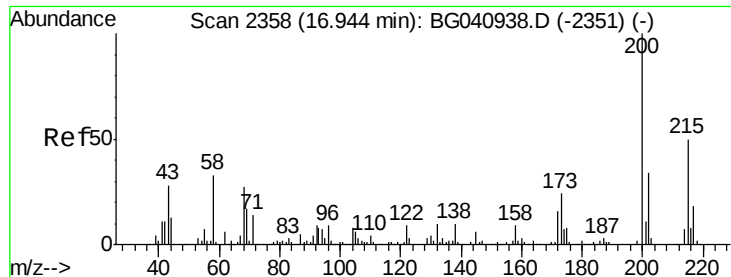
#68
Hexachlorobenzene
Concen: 31.617 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Tgt Ion:284 Resp: 203276
Ion Ratio Lower Upper
284 100
142 30.3 23.9 35.9
249 35.0 26.8 40.2



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

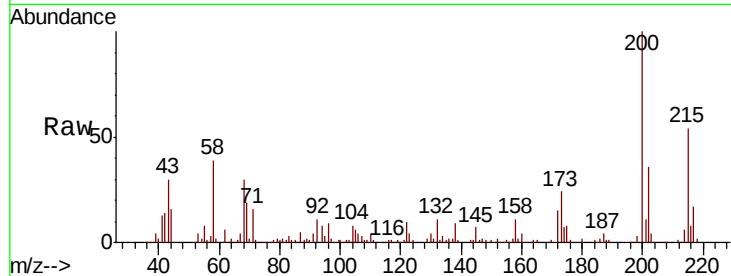




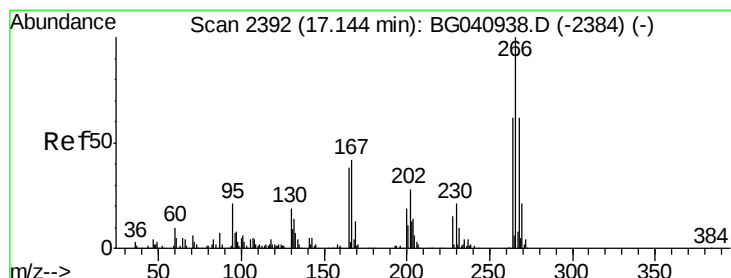
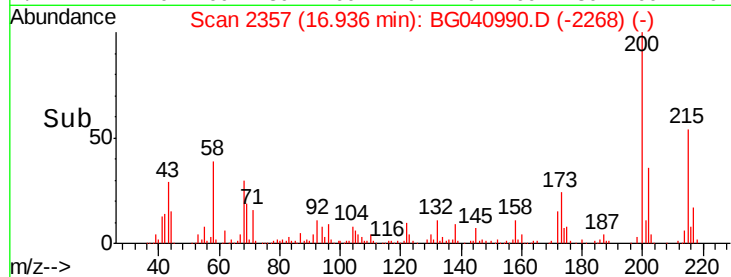
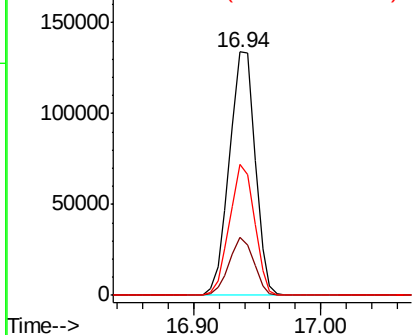
#69
Atrazine
Concen: 38.821 ng
RT: 16.94 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Instrument :
BNA_G
ClientSampleId :
PB119943BS

Tot Ion:200 Resp: 188392
Ion Ratio Lower Upper
200 100
173 23.7 3.6 43.6
215 53.9 29.6 69.6

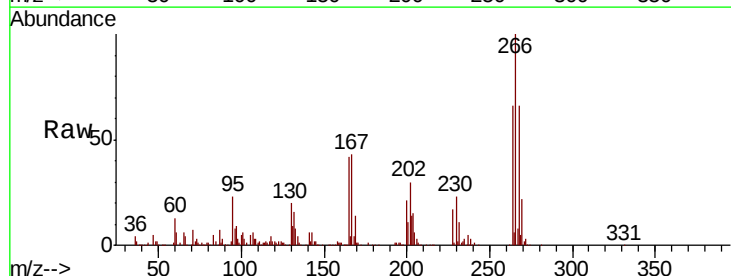


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

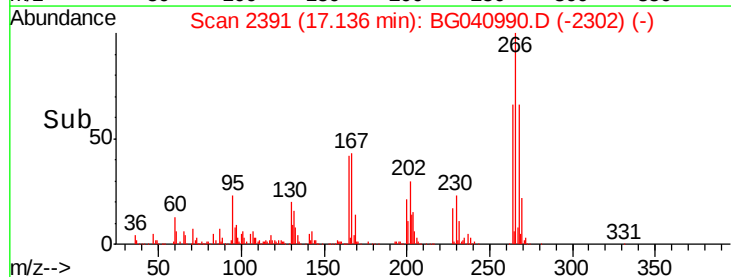
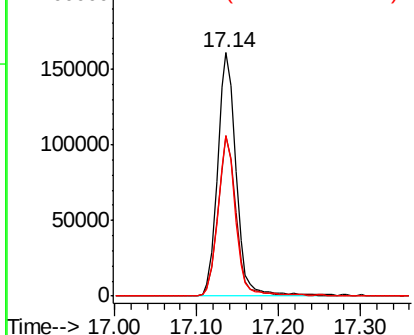


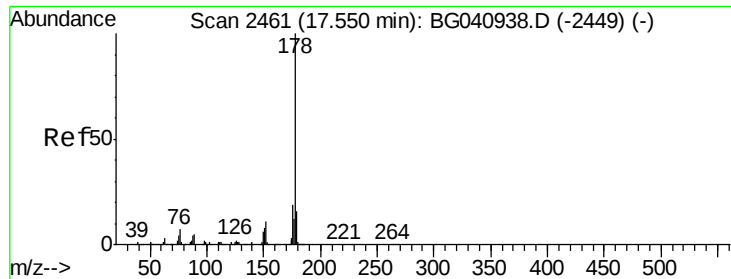
#70
Pentachlorophenol
Concen: 74.203 ng
RT: 17.14 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Tgt Ion:266 Resp: 254446
Ion Ratio Lower Upper
266 100
268 66.0 53.1 79.7
264 66.1 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

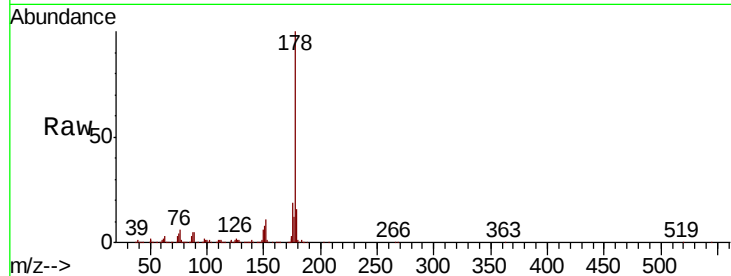




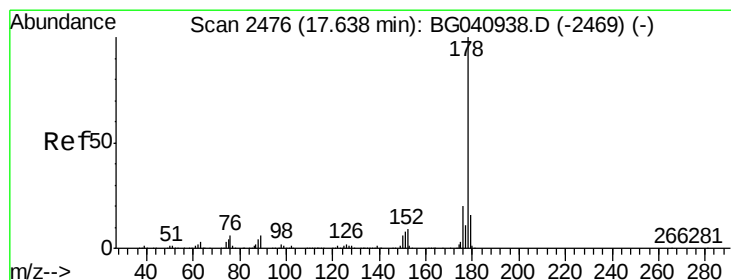
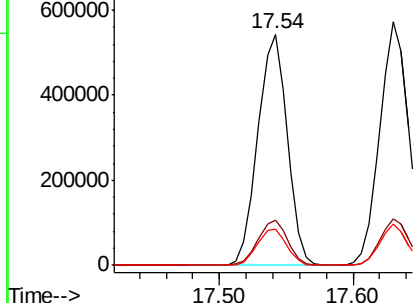
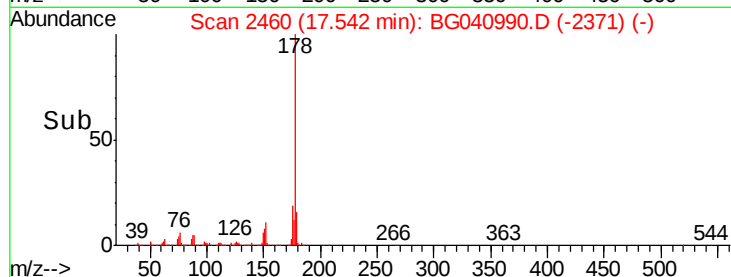
#71
Phenanthrene
Concen: 35.478 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Instrument :
BNA_G
ClientSampleId :
PB119943BS

Tot Ion:178 Resp: 826802
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.8 12.7 19.1

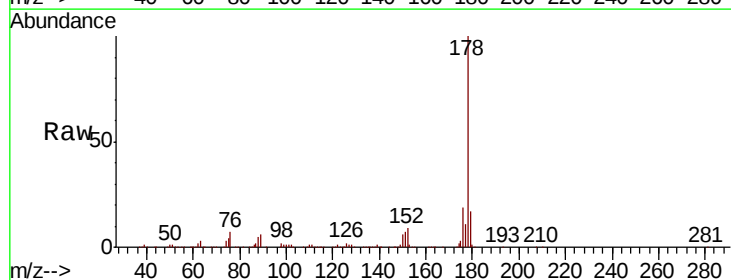


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

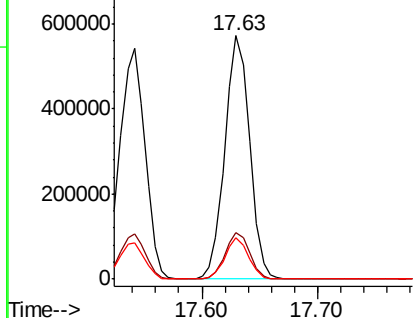
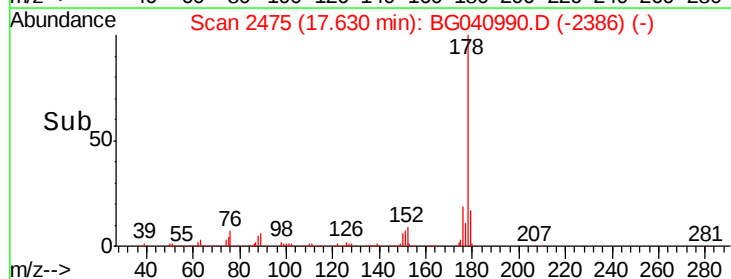


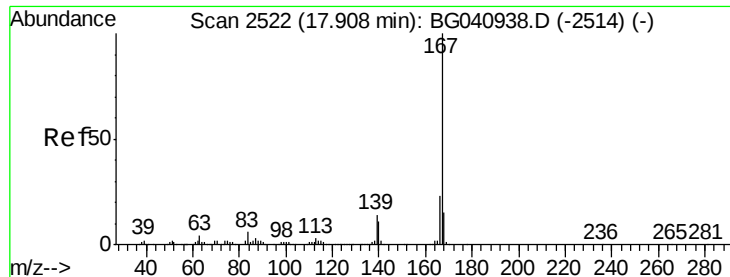
#72
Anthracene
Concen: 36.923 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Tgt Ion:178 Resp: 848660
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 17.0 13.0 19.4



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

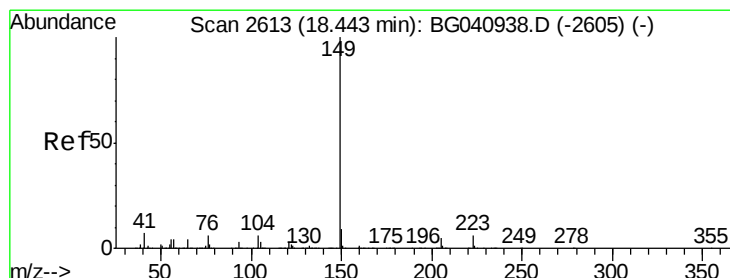
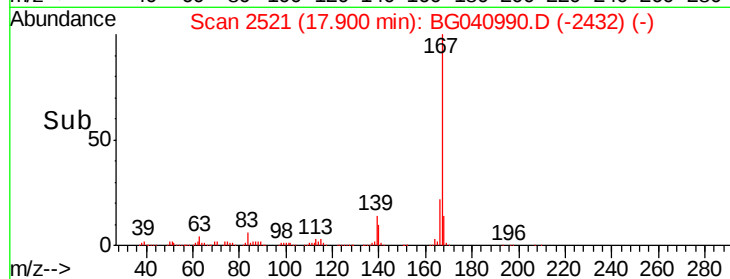
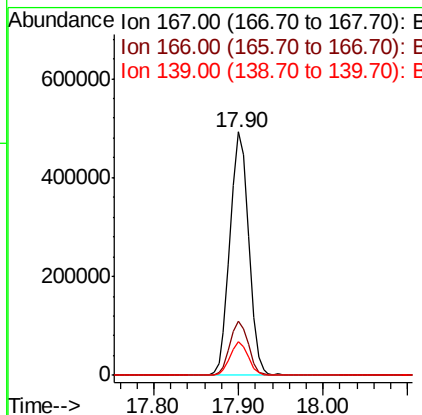
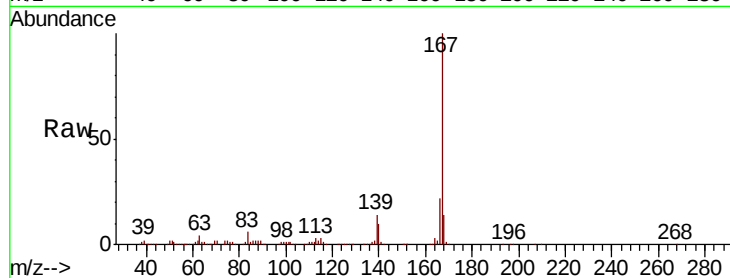




#73
 Carbazole
 Concen: 38.010 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG040990.D
 Acq: 1 Jun 2019 00:19

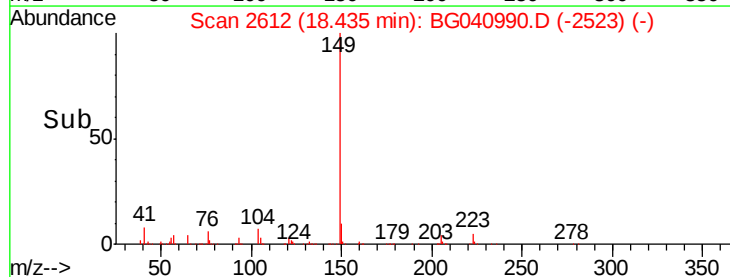
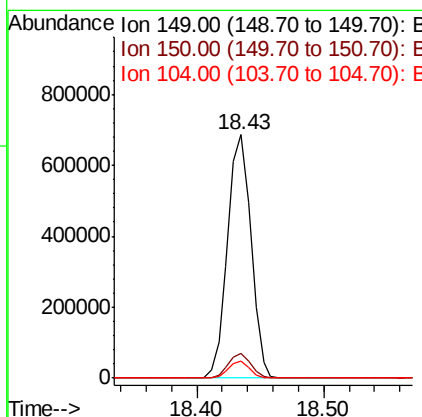
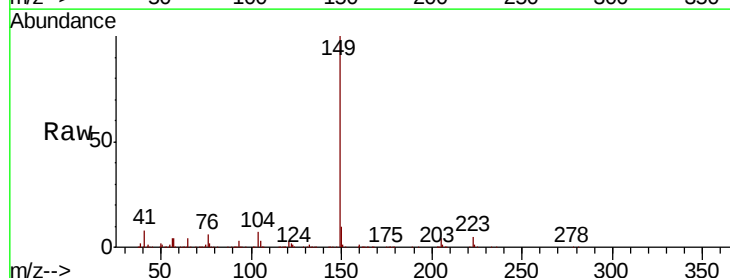
Instrument :
 BNA_G
 ClientSampleId :
 PB119943BS

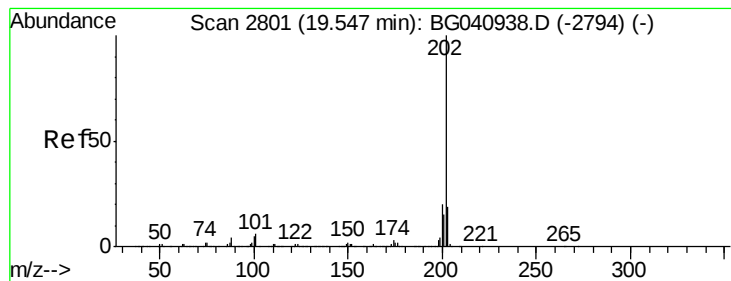
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	14.0	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 35.836 ng
 RT: 18.43 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG040990.D
 Acq: 1 Jun 2019 00:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.4	11.2
104	6.8	5.0	7.4





#75

Fluoranthene

Concen: 37.760 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

BNA_G

ClientSampleId :

PB119943BS

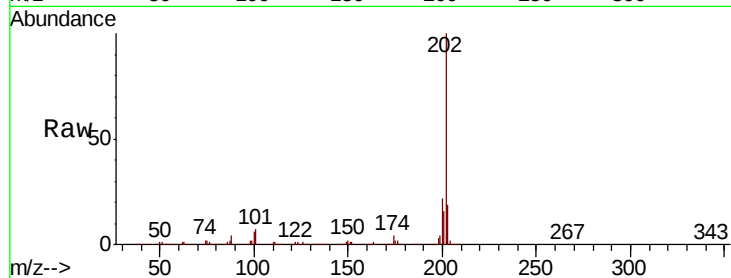
Tot Ion:202 Resp: 1086915

Ion Ratio Lower Upper

202 100

101 6.7 0.0 26.2

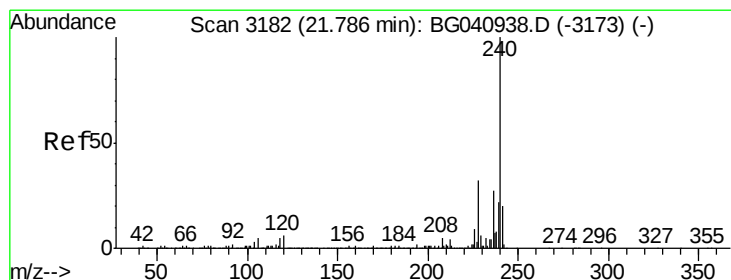
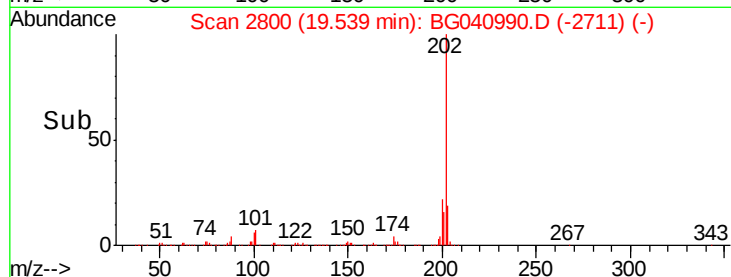
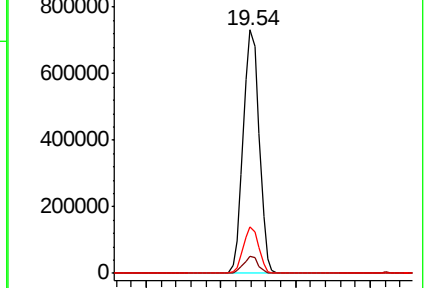
203 19.2 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

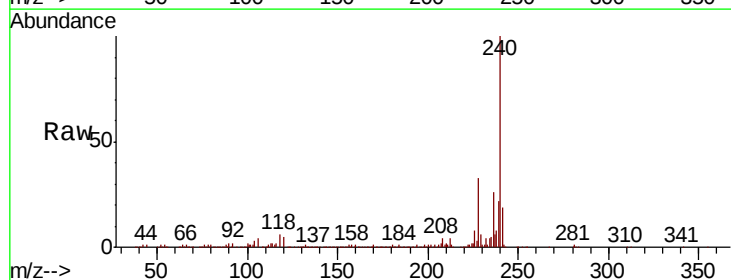
Tgt Ion:240 Resp: 454462

Ion Ratio Lower Upper

240 100

120 5.0 4.5 6.7

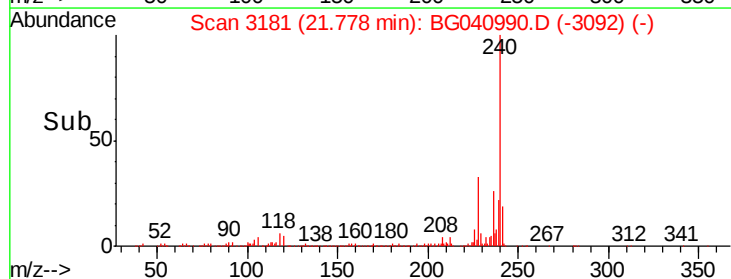
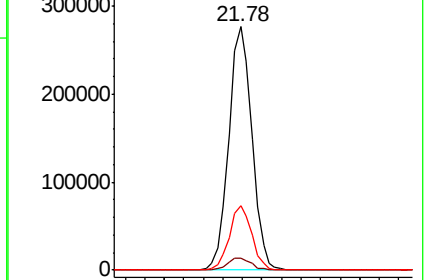
236 26.4 21.3 31.9

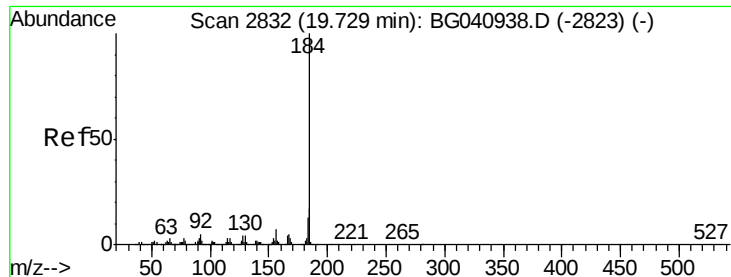


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.373 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

BNA_G

ClientSampleId :

PB119943BS

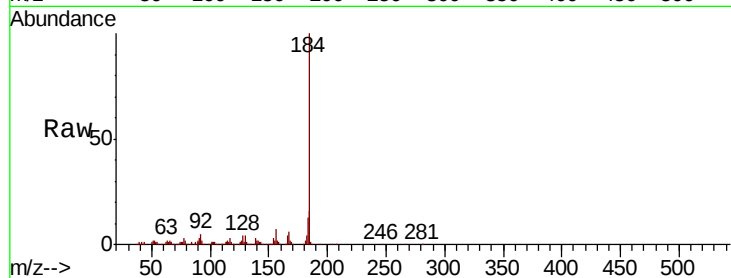
Tot Ion:184 Resp: 513585

Ion	Ratio	Lower	Upper
184	100		
185	15.9	13.3	19.9
183	12.6	10.7	16.1

184 100

185 15.9 13.3 19.9

183 12.6 10.7 16.1

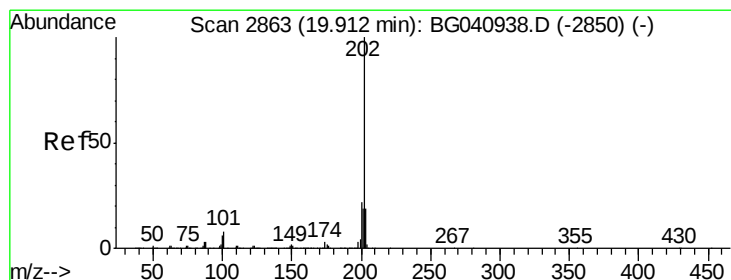
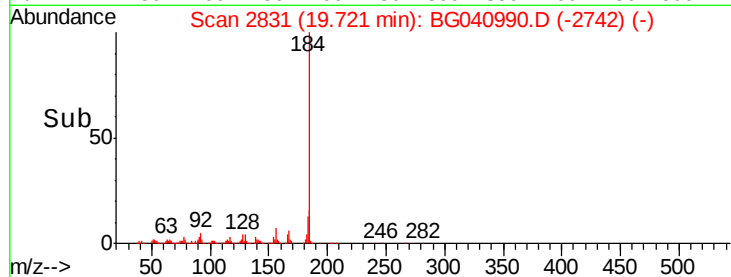
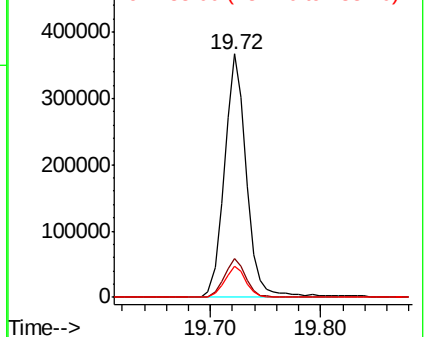


Abundance

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: 36.639 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

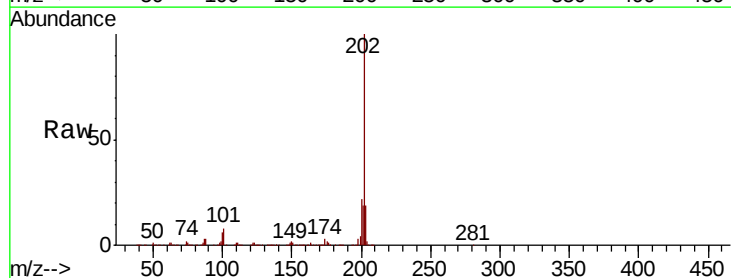
Tgt Ion:202 Resp: 1082427

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.5	26.3
203	18.9	15.6	23.4

202 100

200 22.4 17.5 26.3

203 18.9 15.6 23.4

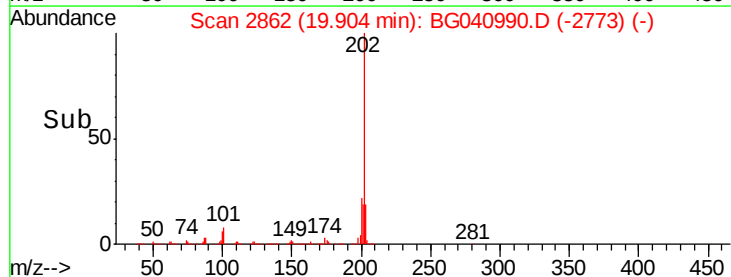
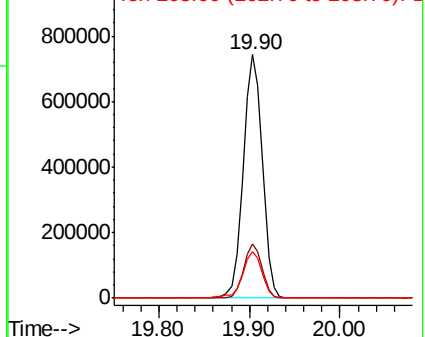


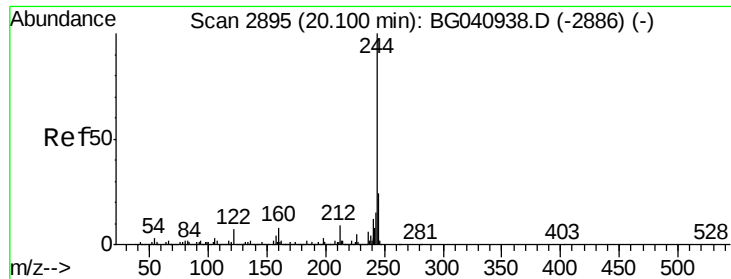
Abundance

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: 84.231 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

BNA_G

ClientSampleId :

PB119943BS

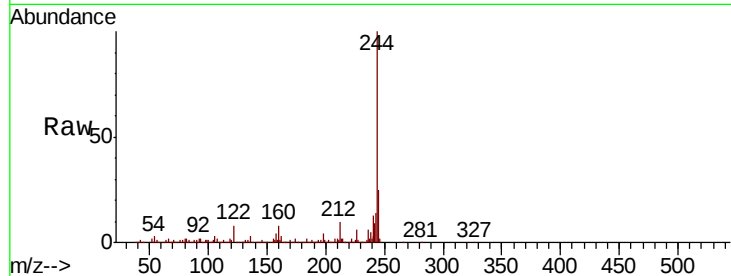
Tot Ion:244 Resp: 1803649

Ion Ratio Lower Upper

244 100

212 9.7 7.0 10.4

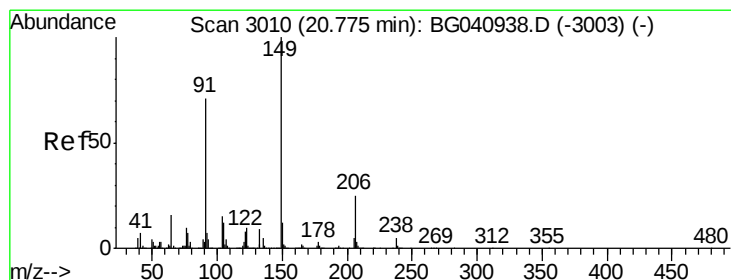
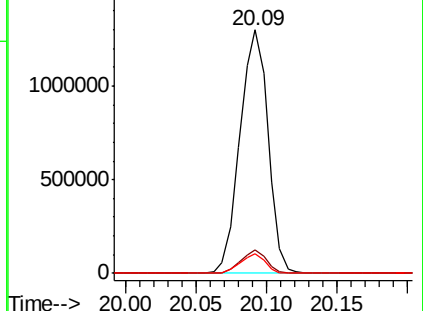
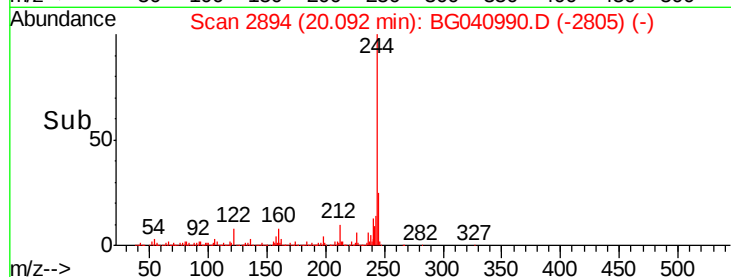
122 8.2 5.4 8.0#



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: 34.876 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

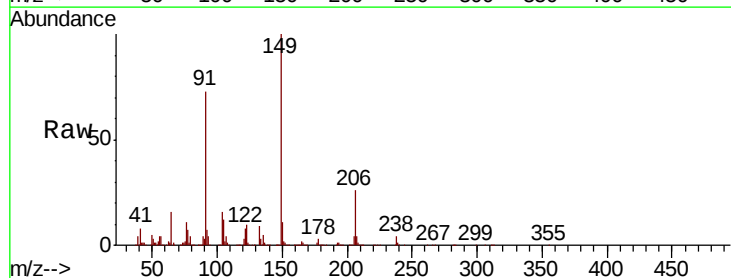
Tgt Ion:149 Resp: 400967

Ion Ratio Lower Upper

149 100

91 72.6 56.5 84.7

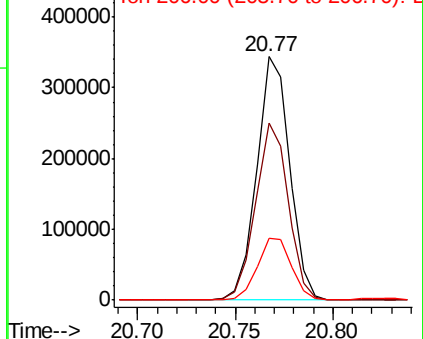
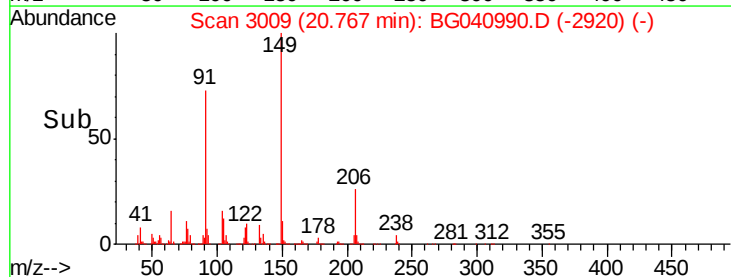
206 25.5 20.3 30.5

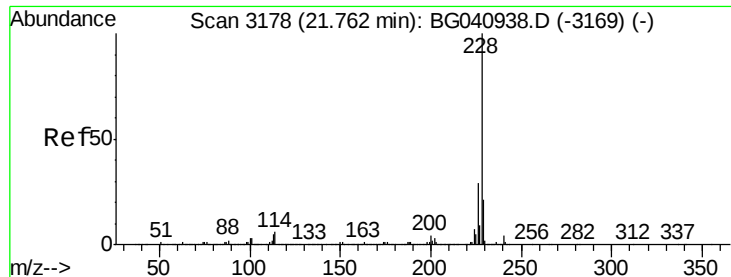


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.459 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

BNA_G

ClientSampleId :

PB119943BS

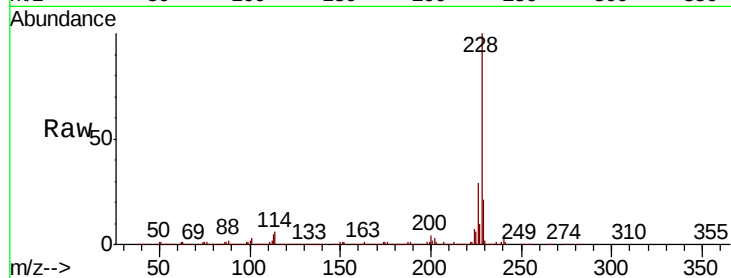
Tot Ion:228 Resp: 1042444

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.5	35.3
229	20.9	16.7	25.1

228 100

226 28.6 23.5 35.3

229 20.9 16.7 25.1

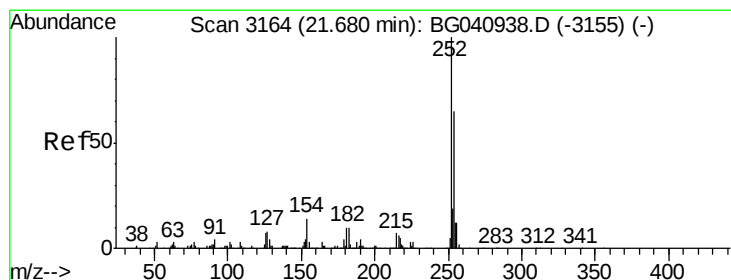
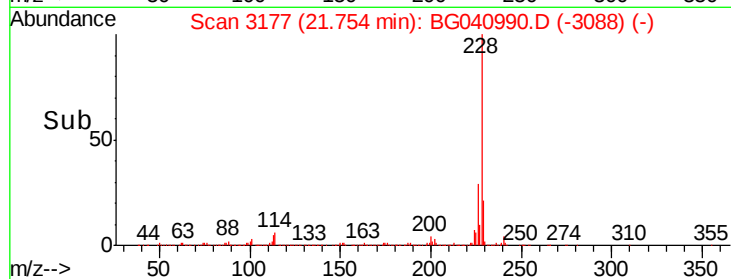
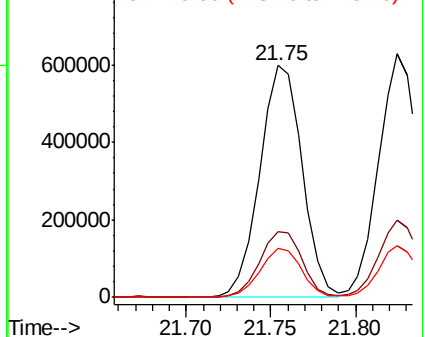


Abundance

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: 24.488 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

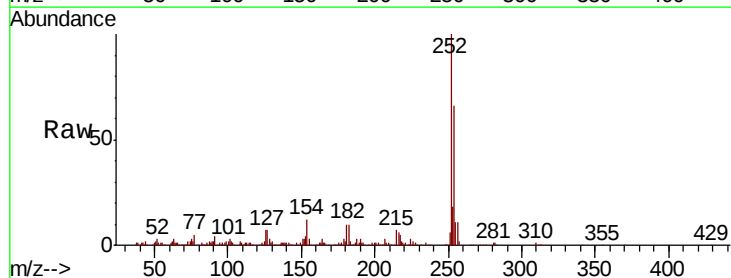
Tgt Ion:252 Resp: 260559

Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.1	78.1
126	7.5	5.5	8.3

252 100

254 65.7 52.1 78.1

126 7.5 5.5 8.3

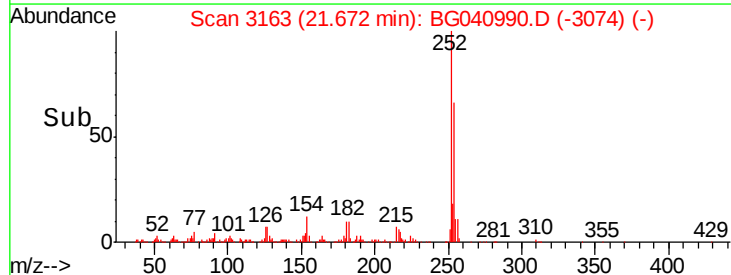
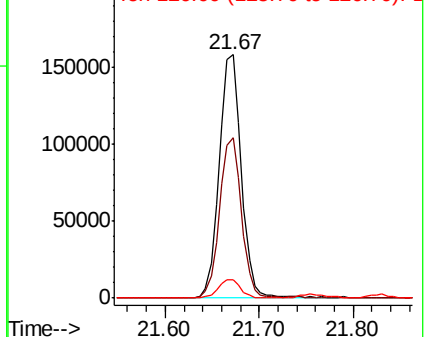


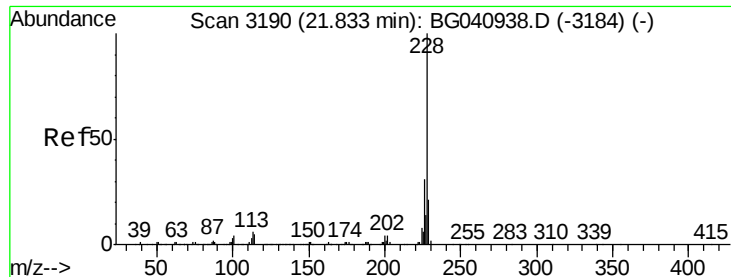
Abundance

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

Chrysene

Concen: 35.643 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

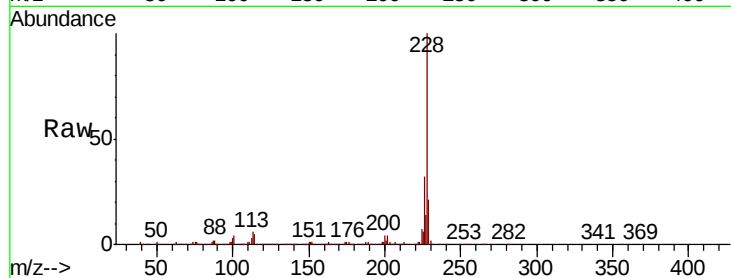
BNA_G

ClientSampleId :

PB119943BS

Tot Ion:228 Resp: 1031850

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.6	37.0
229	21.4	16.6	24.8

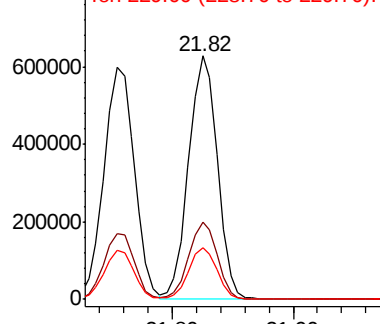


Abundance

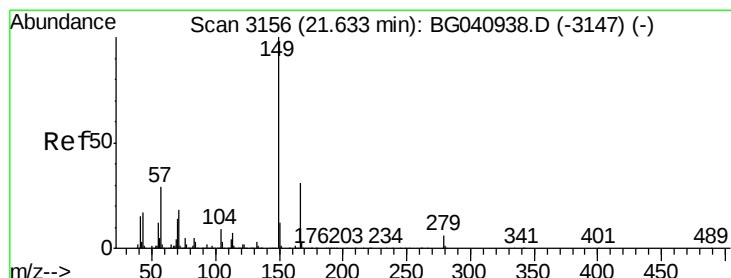
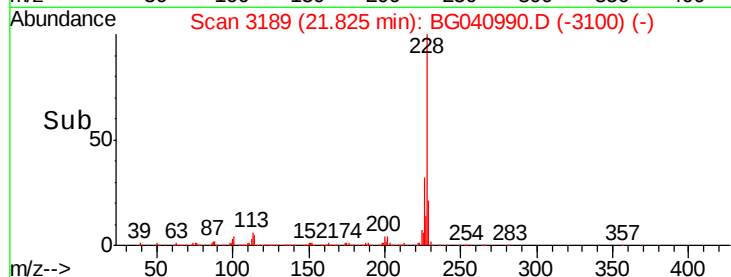
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.694 ng

RT: 21.63 min Scan# 3155

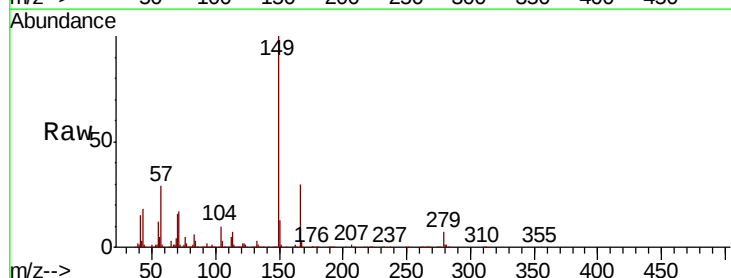
Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Tgt Ion:149 Resp: 561504

Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.6	37.0
279	6.6	5.0	7.6

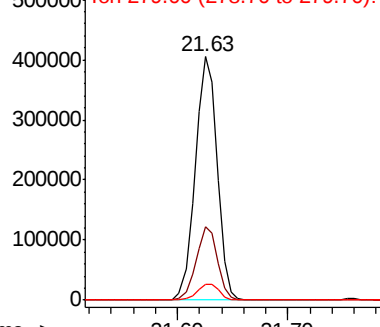


Abundance

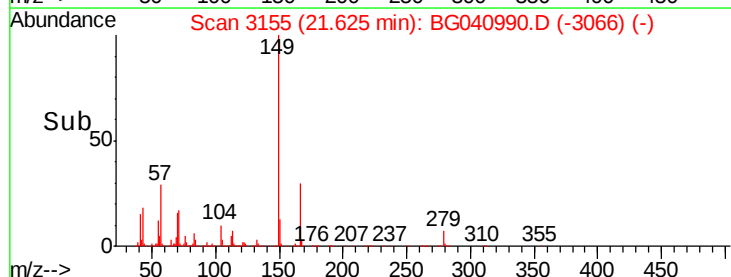
Ion 149.00 (148.70 to 149.70): E

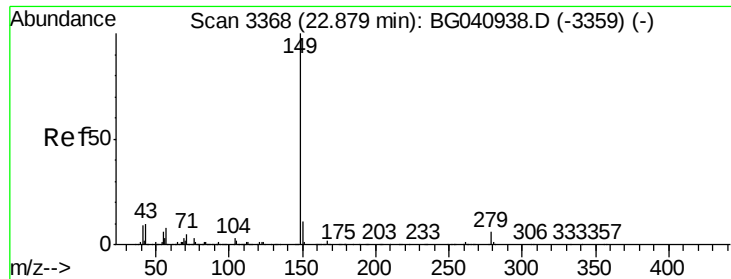
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Di-n-octyl phthalate

Concen: 35.021 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

BNA_G

ClientSampleId :

PB119943BS

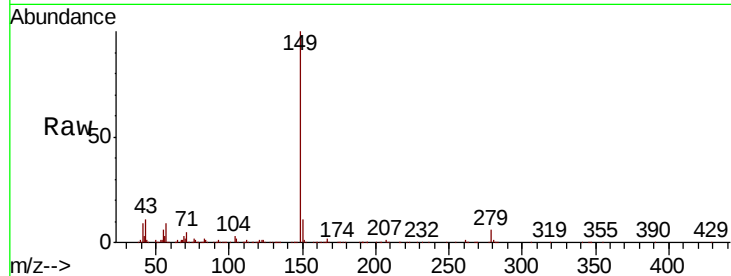
Tot Ion:149 Resp: 943973

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

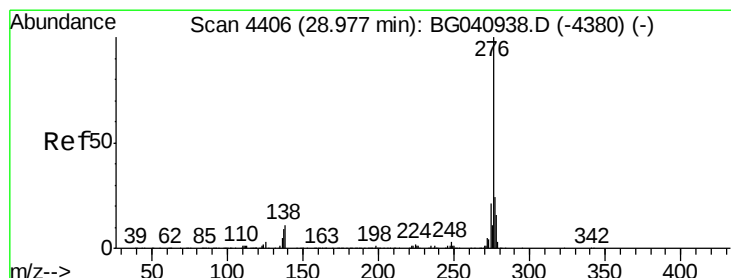
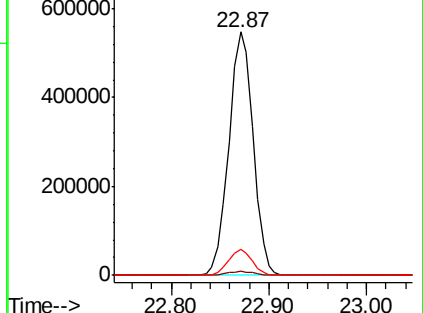
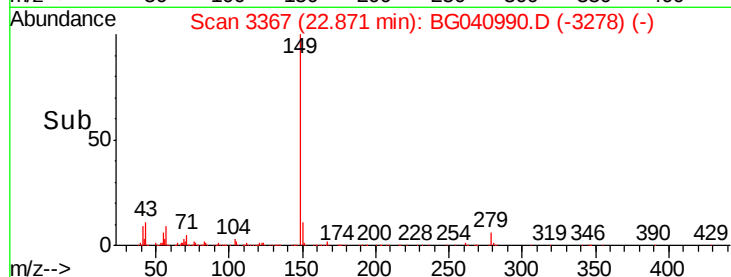
43 10.3 8.1 12.1



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: 34.665 ng

RT: 28.95 min Scan# 4401

Delta R.T. -0.03 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

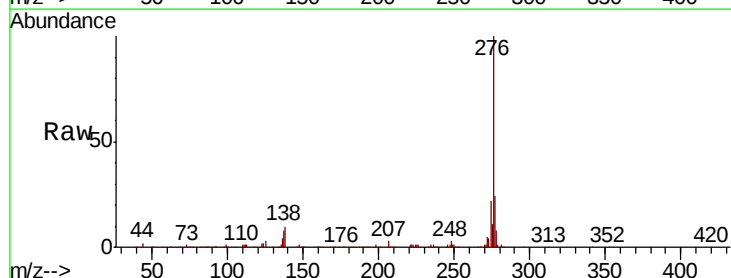
Tgt Ion:276 Resp: 1229302

Ion Ratio Lower Upper

276 100

138 0.0 5.7 8.5#

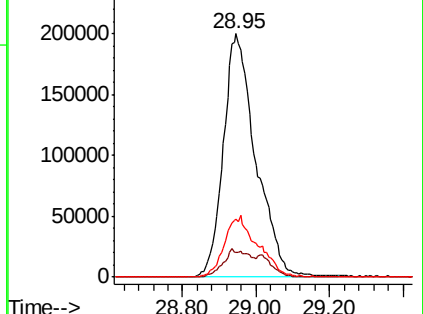
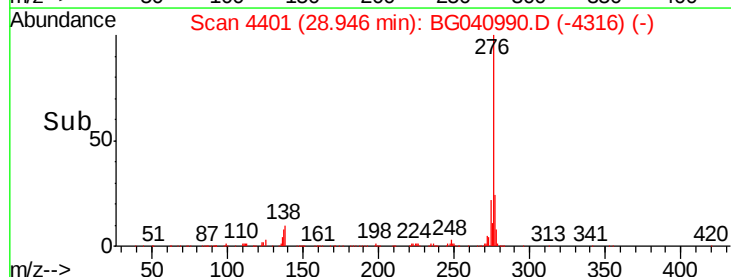
277 25.6 20.8 31.2

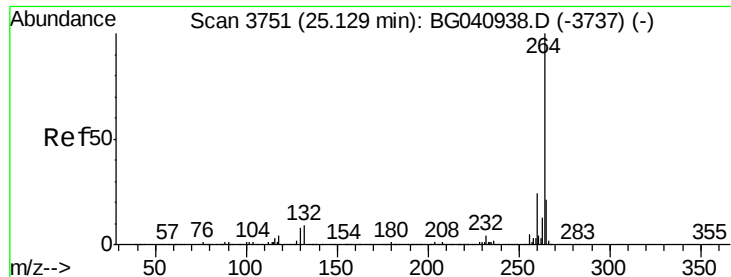


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG040990.D

Acq: 1 Jun 2019 00:19

Instrument :

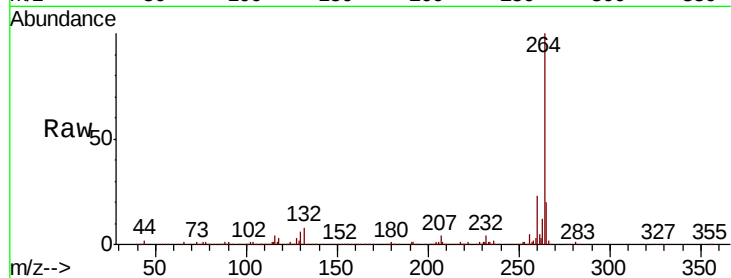
BNA_G

ClientSampleId :

PB119943BS

Tot Ion:264 Resp: 447618

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	20.0	17.0	25.4

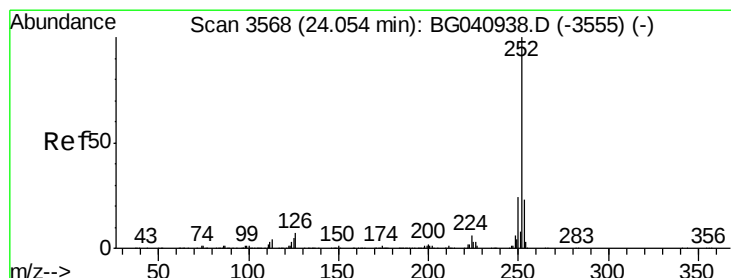
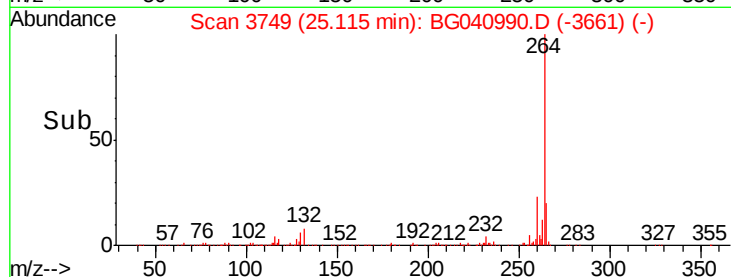
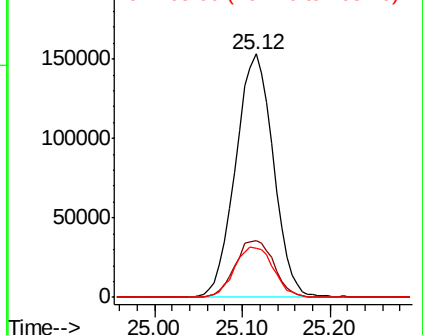


Abundance

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: 38.748 ng

RT: 24.05 min Scan# 3567

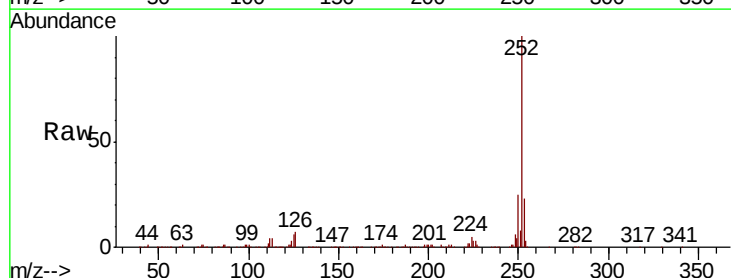
Delta R.T. -0.01 min

Lab File: BG040990.D

Acq: 1 Jun 2019 00:19

Tgt Ion:252 Resp: 1051981

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	5.5	4.3	6.5

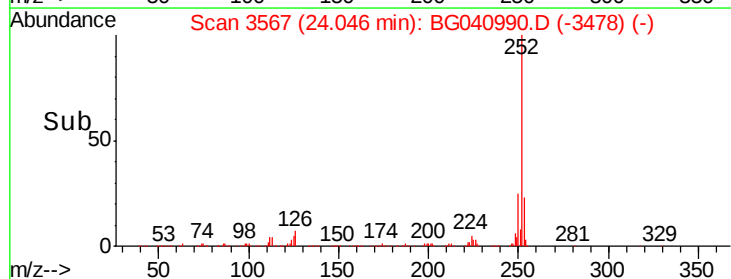
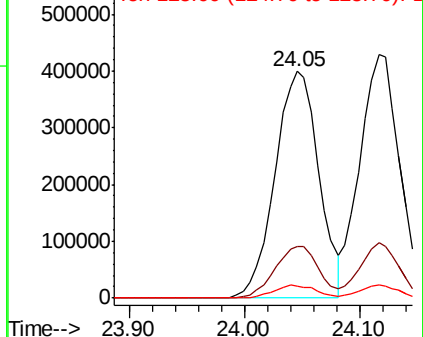


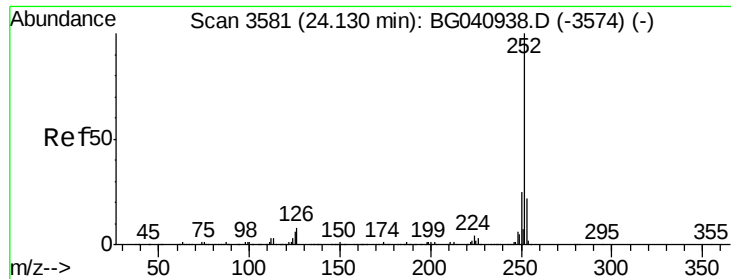
Abundance

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

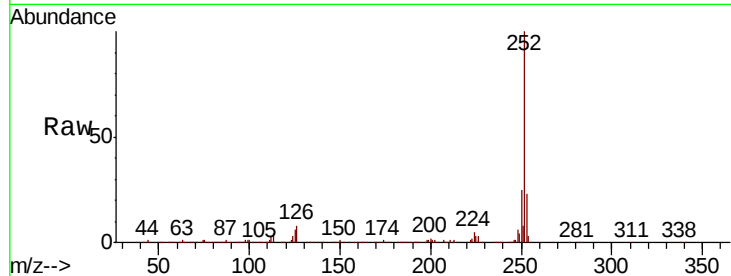




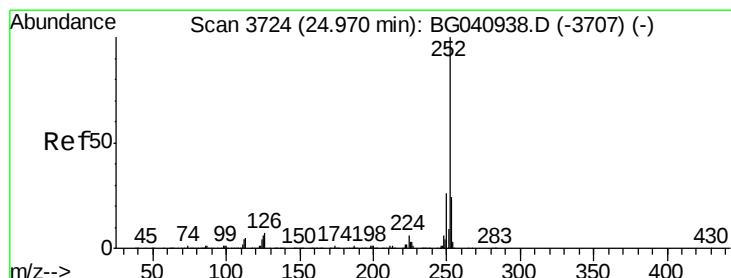
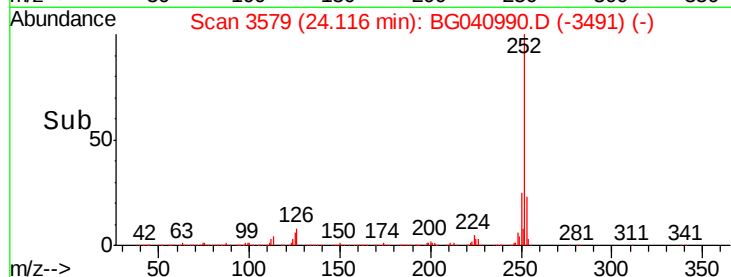
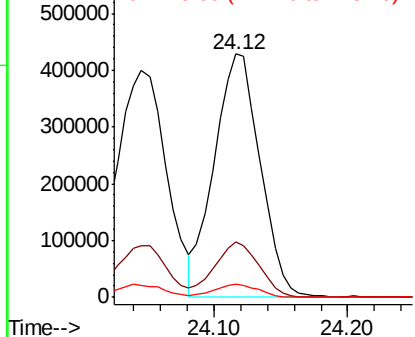
#89
Benzo(k)fluoranthene
Concen: 38.114 ng
RT: 24.12 min Scan# 3579
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Instrument :
BNA_G
ClientSampleId :
PB119943BS

Tot Ion:252 Resp: 1023992
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 5.5 4.7 7.1

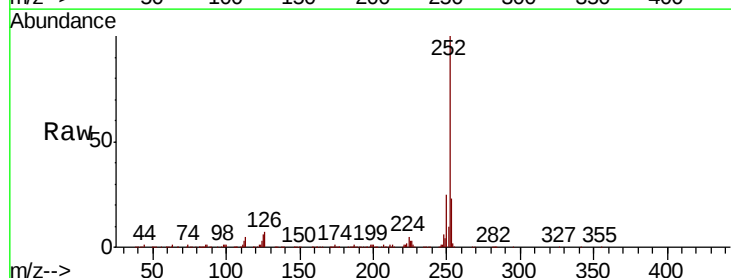


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

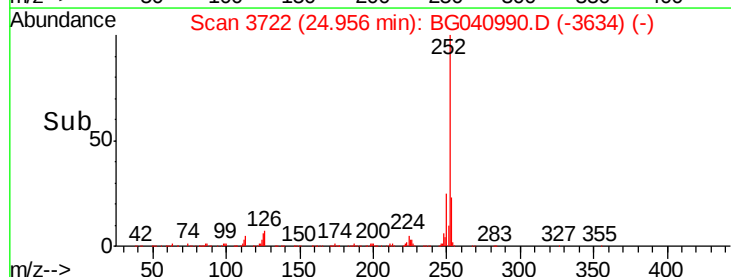
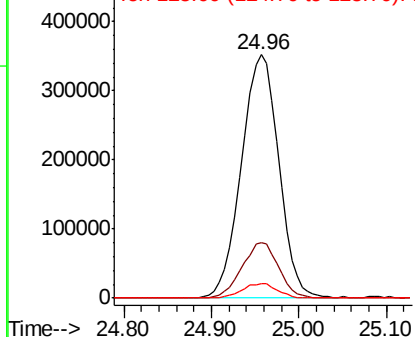


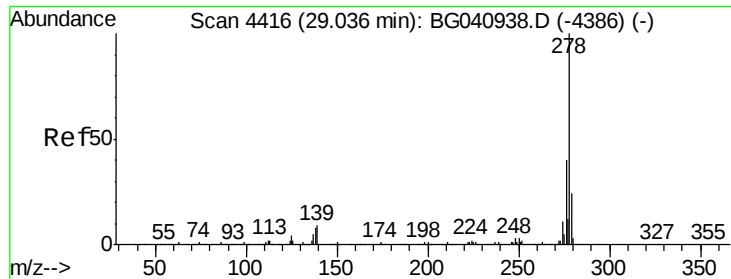
#90
Benzo(a)pyrene
Concen: 39.571 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.01 min
Lab File: BG040990.D
Acq: 1 Jun 2019 00:19

Tgt Ion:252 Resp: 1024999
Ion Ratio Lower Upper
252 100
253 22.9 19.5 29.3
125 5.8 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

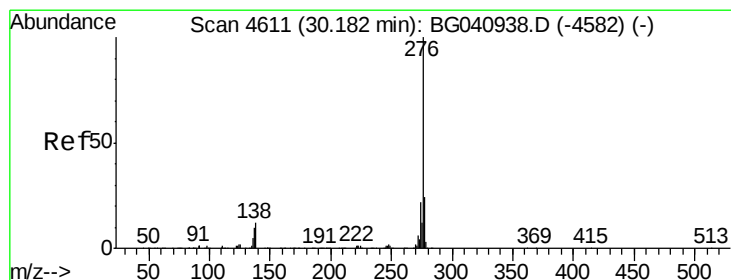
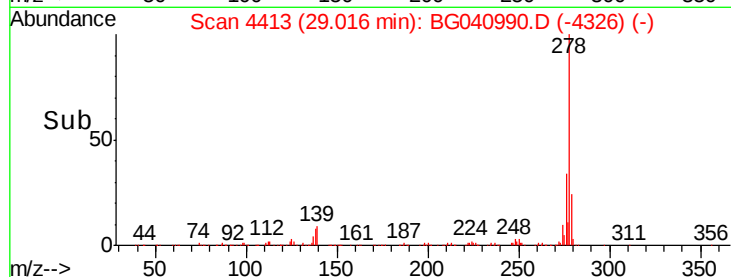
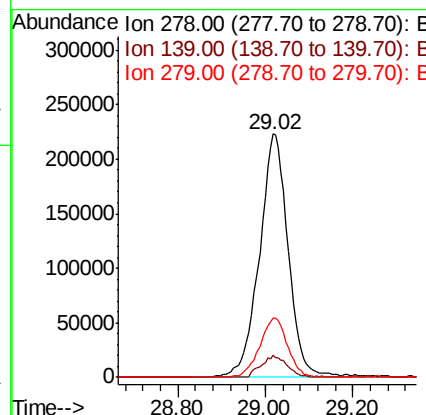
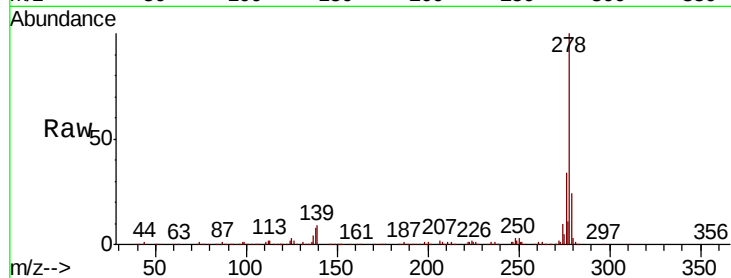




#91
 Dibenzo(a,h)anthracene
 Concen: 38.753 ng
 RT: 29.02 min Scan# 4413
 Delta R.T. -0.02 min
 Lab File: BG040990.D
 Acq: 1 Jun 2019 00:19

Instrument :
 BNA_G
 ClientSampleId :
 PB119943BS

Tot Ion:278 Resp: 1003017
 Ion Ratio Lower Upper
 278 100
 139 9.2 7.1 10.7
 279 24.3 19.4 29.2



#92
 Benzo(g,h,i)perylene
 Concen: 39.590 ng
 RT: 30.16 min Scan# 4608
 Delta R.T. -0.02 min
 Lab File: BG040990.D
 Acq: 1 Jun 2019 00:19

Tgt Ion:276 Resp: 995507
 Ion Ratio Lower Upper
 276 100
 277 23.6 19.4 29.0
 138 11.4 9.7 14.5

