

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040947.D
 Acq On : 30 May 2019 11:57
 Operator : HP/JU
 Sample : PB119943BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119943BSD

Quant Time: May 30 15:09:49 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	8.13	152	54344	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	217050	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	175855	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	460302	20.00	ng	0.00
76) Chrysene-d12	21.78	240	447497	20.00	ng	0.00
87) Perylene-d12	25.12	264	460147	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	378504	125.59	ng	0.00
7) Phenol-d6	7.27	99	540026	116.02	ng	0.00
23) Nitrobenzene-d5	9.30	82	405446	82.93	ng	0.00
42) 2,4,6-Tribromophenol	16.25	330	307510	117.79	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	950370	77.83	ng	0.00
79) Terphenyl-d14	20.09	244	1772260	84.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	48216	35.257	ng	# 93
3) Pyridine	3.93	79	124545	30.778	ng	98
4) n-Nitrosodimethylamine	3.85	42	71107	37.862	ng	# 84
6) Aniline	7.45	93	150936	24.295	ng	98
8) 2-Chlorophenol	7.68	128	133267	37.091	ng	97
9) Benzaldehyde	7.26	77	138666	49.943	ng	91
10) Phenol	7.30	94	188285	37.729	ng	97
11) bis(2-Chloroethyl)ether	7.54	93	121209	33.480	ng	98
12) 1,3-Dichlorobenzene	8.01	146	141098	32.880	ng	99
13) 1,4-Dichlorobenzene	8.16	146	143744	33.092	ng	98
14) 1,2-Dichlorobenzene	8.48	146	134673	31.932	ng	99
15) Benzyl Alcohol	8.36	79	157424	36.563	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.65	45	194491	32.876	ng	97
17) 2-Methylphenol	8.55	107	129767	35.914	ng	97
18) Hexachloroethane	9.21	117	54339	32.458	ng	96
19) n-Nitroso-di-n-propylamine	8.93	70	119777	33.440	ng	# 97
20) 3+4-Methylphenols	8.88	107	182520	36.467	ng	98
22) Acetophenone	8.95	105	224489	36.870	ng	98
24) Nitrobenzene	9.35	77	184605	37.051	ng	99
25) Isophorone	9.86	82	340578	36.603	ng	98
26) 2-Nitrophenol	10.05	139	80170	39.030	ng	90
27) 2,4-Dimethylphenol	10.10	122	145794	42.977	ng	98
28) bis(2-Chloroethoxy)methane	10.34	93	177913	35.427	ng	99
29) 2,4-Dichlorophenol	10.59	162	167356	38.848	ng	92
30) 1,2,4-Trichlorobenzene	10.80	180	168946	34.474	ng	92
31) Naphthalene	11.00	128	421526	36.171	ng	99
32) Benzoic acid	10.23	122	94211	37.796	ng	86
33) 4-Chloroaniline	11.10	127	122092	22.580	ng	97
34) Hexachlorobutadiene	11.26	225	123609	32.965	ng	97
35) Caprolactam	11.89	113	54755	38.490	ng	98
36) 4-Chloro-3-methylphenol	12.21	107	192732	39.174	ng	94
37) 2-Methylnaphthalene	12.59	142	323468	36.039	ng	98
38) 1-Methylnaphthalene	12.81	142	315385	37.289	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	234217	33.045	ng	99

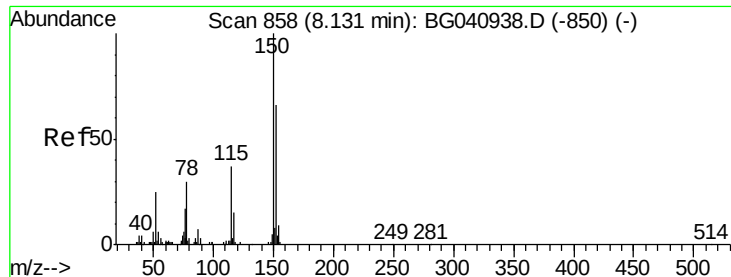
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
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Quant Time: May 30 15:09:49 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	270804	71.994	ng	96
43) 2,4,6-Trichlorophenol	13.19	196	163754	35.713	ng	93
44) 2,4,5-Trichlorophenol	13.26	196	175557	36.304	ng	95
46) 1,1'-Biphenyl	13.59	154	456419	35.063	ng	99
47) 2-Chloronaphthalene	13.64	162	373110	33.388	ng	98
48) 2-Nitroaniline	13.85	65	143042	35.680	ng	99
49) Acenaphthylene	14.48	152	595471	35.405	ng	99
50) Dimethylphthalate	14.20	163	512698	34.441	ng	99
51) 2,6-Dinitrotoluene	14.33	165	114839	35.780	ng	96
52) Acenaphthene	14.82	154	349952	34.346	ng	98
53) 3-Nitroaniline	14.66	138	78781	24.546	ng	# 98
54) 2,4-Dinitrophenol	14.86	184	126579	76.982	ng	95
55) Dibenzofuran	15.15	168	609050	35.525	ng	99
56) 4-Nitrophenol	14.96	139	177727	80.733	ng	91
57) 2,4-Dinitrotoluene	15.11	165	165209	36.439	ng	97
58) Fluorene	15.80	166	476109	34.871	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	182657	38.435	ng	99
60) Diethylphthalate	15.55	149	529976	34.886	ng	99
61) 4-Chlorophenyl-phenylether	15.79	204	306659	34.555	ng	93
62) 4-Nitroaniline	15.83	138	117615	34.615	ng	95
63) Azobenzene	16.08	77	496211	35.937	ng	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	96880	40.838	ng	98
66) n-Nitrosodiphenylamine	16.00	169	449668	34.751	ng	99
67) 4-Bromophenyl-phenylether	16.68	248	198816	32.005	ng	94
68) Hexachlorobenzene	16.79	284	209019	31.599	ng	99
69) Atrazine	16.94	200	188775	37.809	ng	98
70) Pentachlorophenol	17.14	266	256088	72.681	ng	97
71) Phenanthrene	17.54	178	833070	34.745	ng	98
72) Anthracene	17.63	178	858548	36.307	ng	99
73) Carbazole	17.90	167	735710	36.259	ng	99
74) Di-n-butylphthalate	18.44	149	863576	34.244	ng	99
75) Fluoranthene	19.54	202	1059891	35.789	ng	99
77) Benzidine	19.72	184	774416	72.544	ng	98
78) Pyrene	19.91	202	1060404	36.452	ng	99
80) Butylbenzylphthalate	20.77	149	395609	34.946	ng	97
81) Benzo(a)anthracene	21.76	228	1030150	34.582	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	247188	23.593	ng	98
83) Chrysene	21.83	228	1015689	35.631	ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	560788	35.189	ng	98
85) Di-n-octyl phthalate	22.87	149	943417	35.546	ng	99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1202648	34.441	ng	# 99
88) Benzo(b)fluoranthene	24.05	252	1051464	37.674	ng	98
89) Benzo(k)fluoranthene	24.12	252	1008272	36.507	ng	99
90) Benzo(a)pyrene	24.96	252	1021925	38.378	ng	96
91) Dibenzo(a,h)anthracene	29.02	278	991163	37.252	ng	98
92) Benzo(g,h,i)perylene	30.16	276	964532	37.314	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

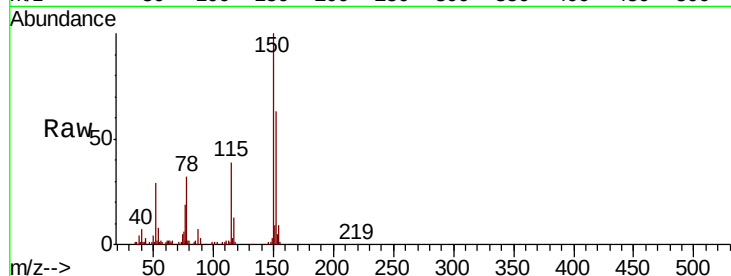
Tot Ion:152 Resp: 54344

Ion Ratio Lower Upper

152 100

150 159.3 120.6 180.8

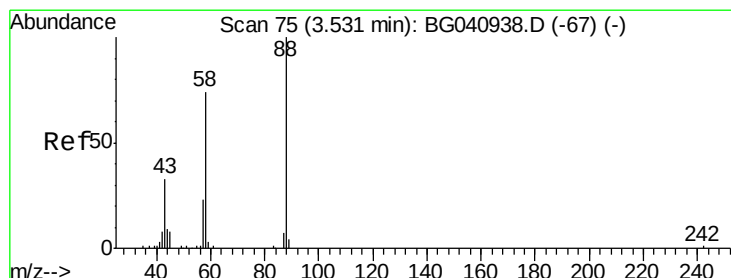
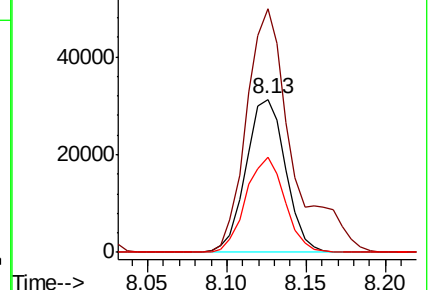
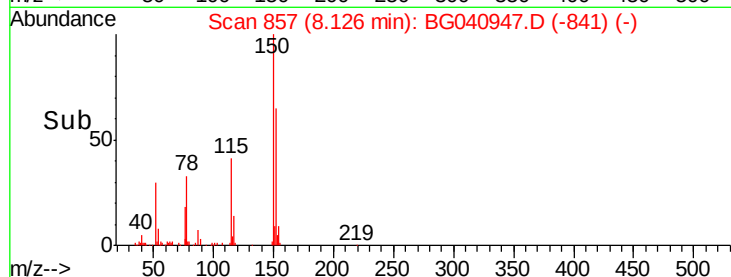
115 62.4 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.257 ng

RT: 3.52 min Scan# 73

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

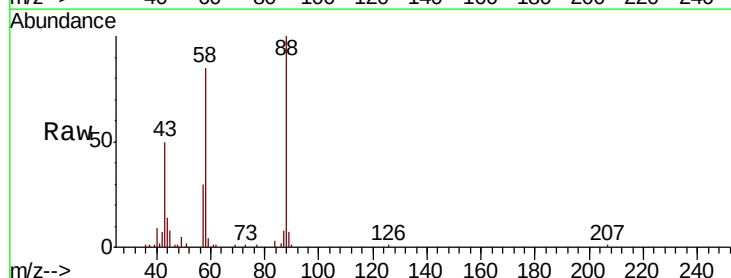
Tgt Ion: 88 Resp: 48216

Ion Ratio Lower Upper

88 100

58 77.4 59.0 88.6

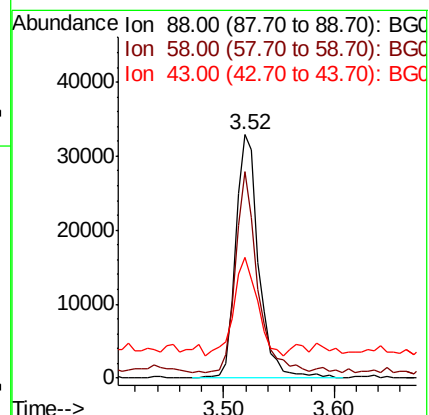
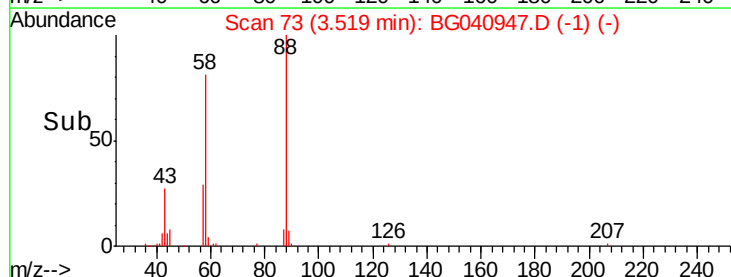
43 41.1 27.2 40.8#

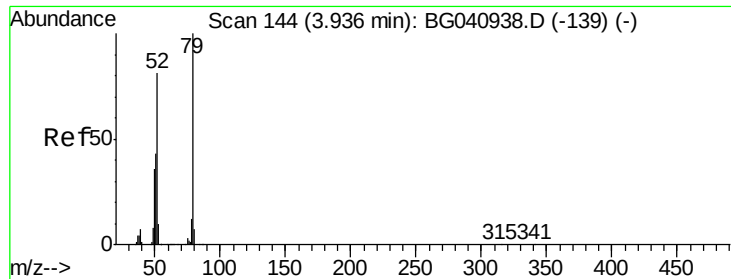


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.778 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

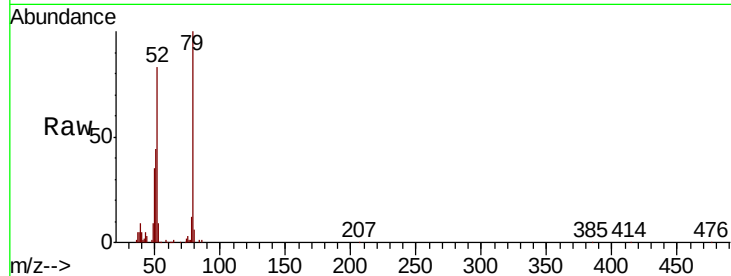
Tot Ion: 79 Resp: 124545

Ion Ratio Lower Upper

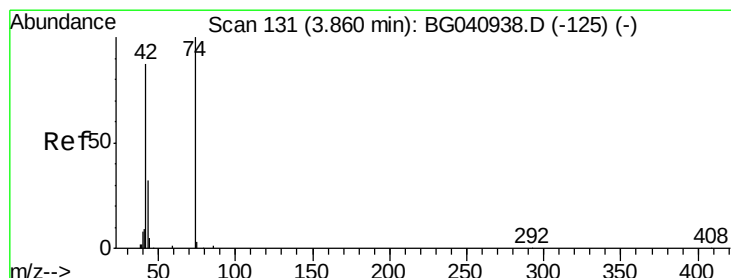
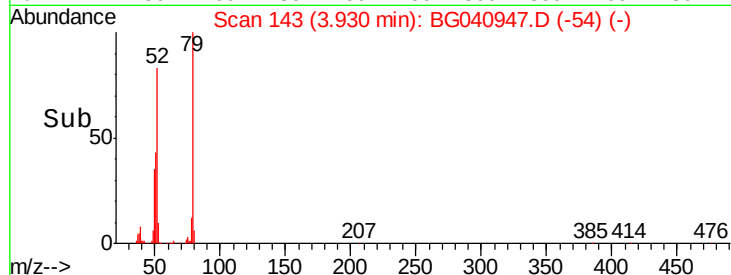
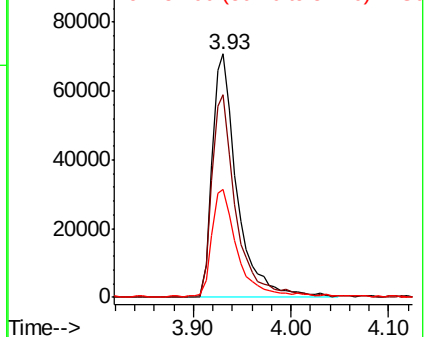
79 100

52 83.1 64.8 97.2

51 44.1 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: 37.862 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

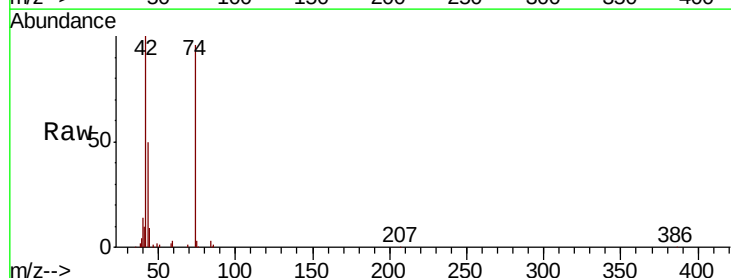
Tgt Ion: 42 Resp: 71107

Ion Ratio Lower Upper

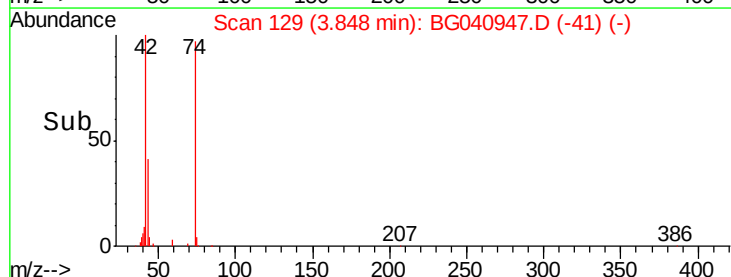
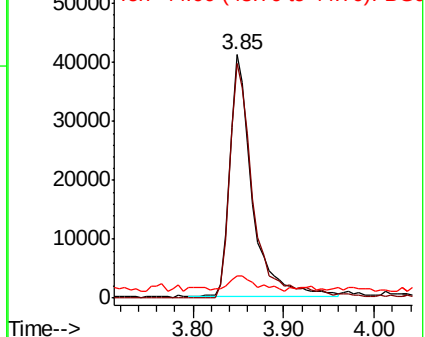
42 100

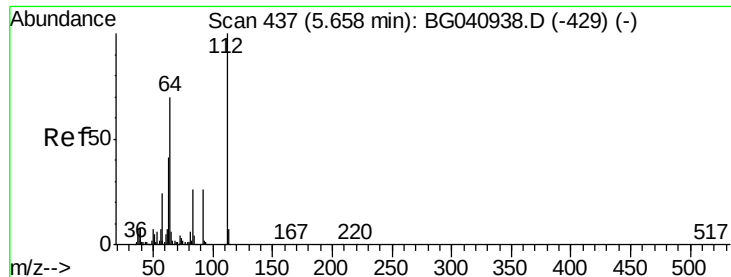
74 96.3 91.8 137.6

44 9.1 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: 125.593 ng

RT: 5.66 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

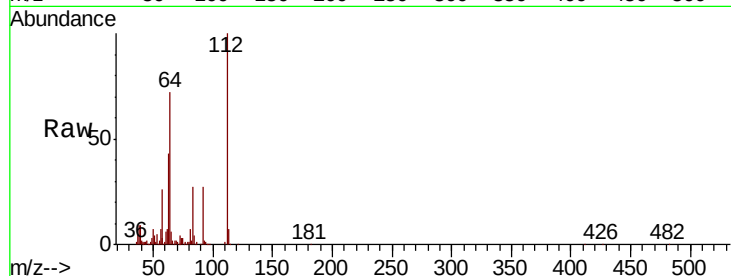
Tot Ion:112 Resp: 378504

Ion Ratio Lower Upper

112 100

64 72.4 56.2 84.2

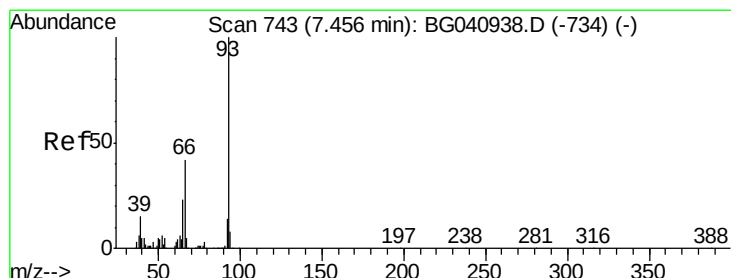
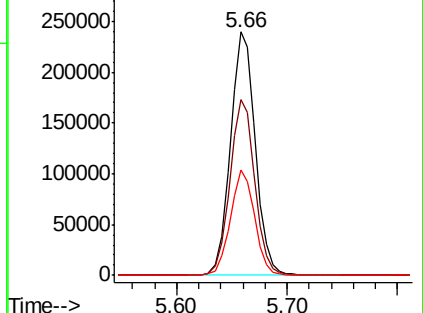
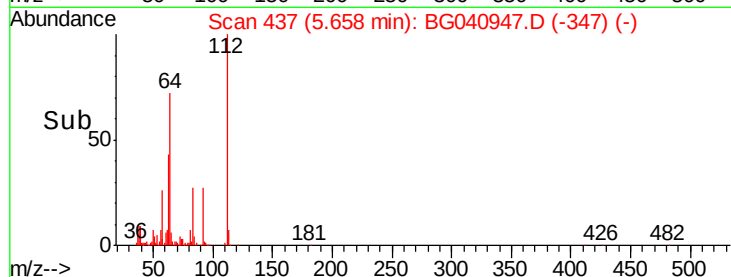
63 43.2 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.295 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

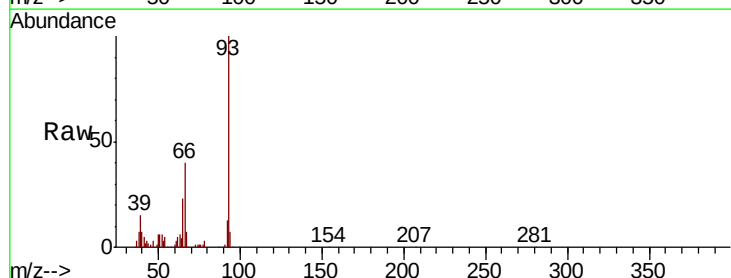
Tgt Ion: 93 Resp: 150936

Ion Ratio Lower Upper

93 100

66 40.2 33.8 50.8

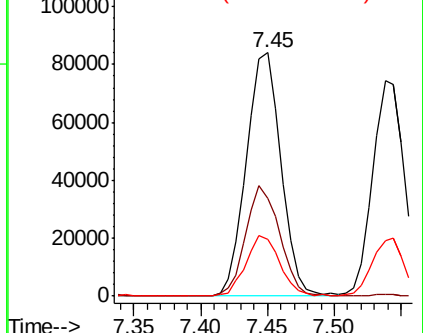
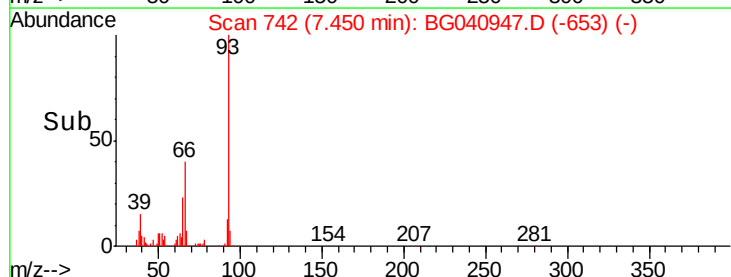
65 23.2 18.3 27.5

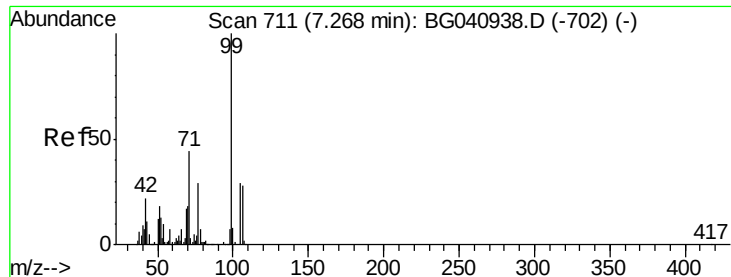


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.025 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

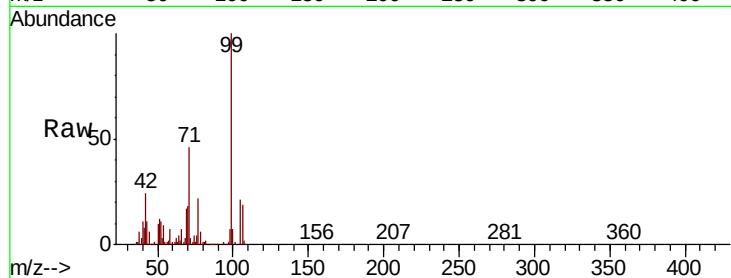
Tot Ion: 99 Resp: 540026

Ion Ratio Lower Upper

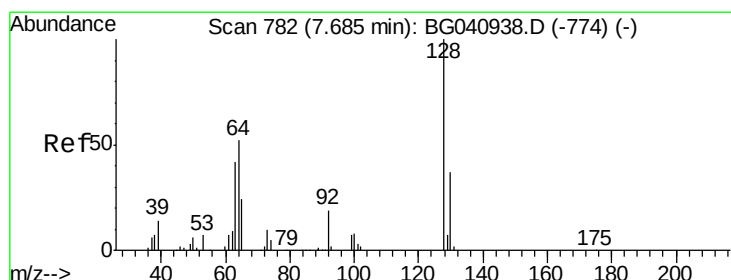
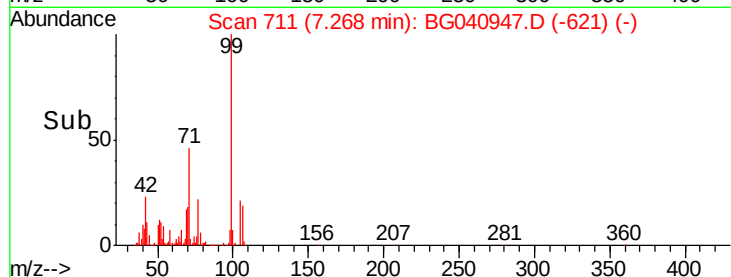
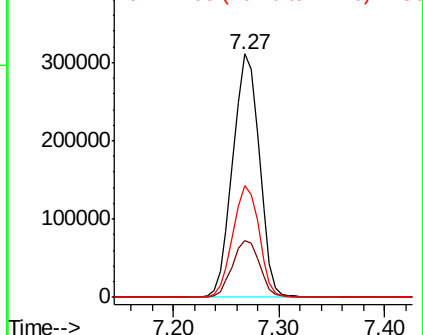
99 100

42 23.6 17.9 26.9

71 45.9 35.4 53.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 37.091 ng

RT: 7.68 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

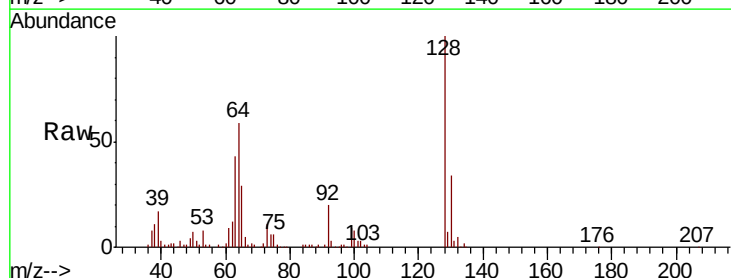
Tgt Ion: 128 Resp: 133267

Ion Ratio Lower Upper

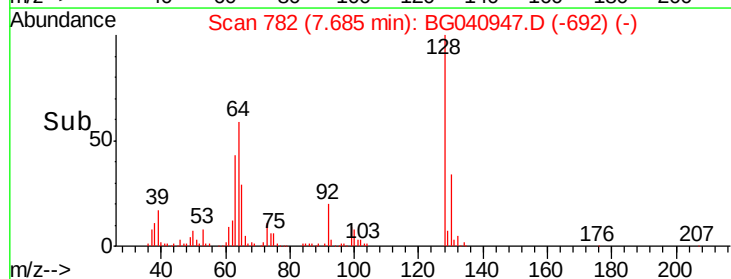
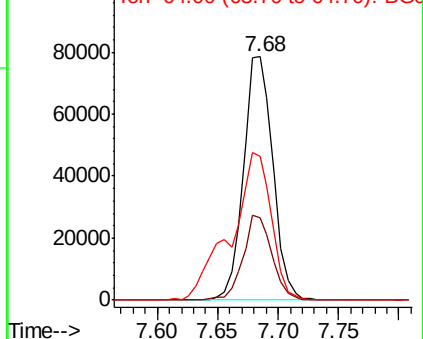
128 100

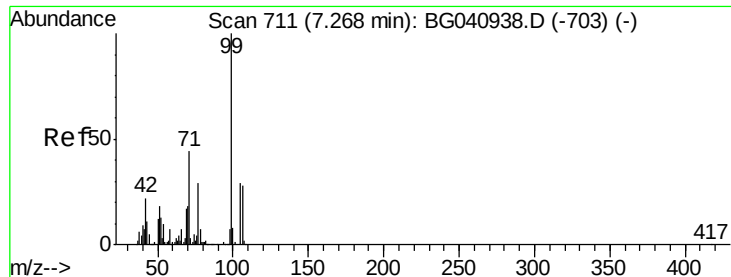
130 34.0 16.6 56.6

64 59.3 37.8 77.8



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





#9

Benzaldehyde

Concen: 49.943 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

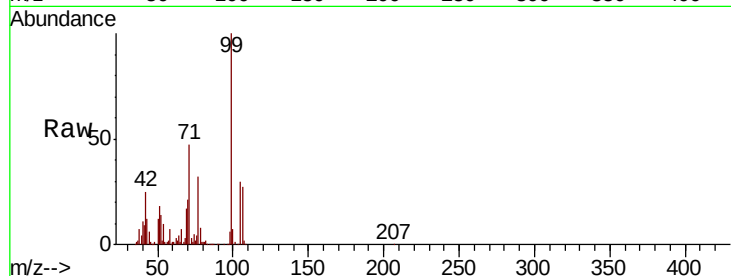
Tot Ion: 77 Resp: 138666

Ion Ratio Lower Upper

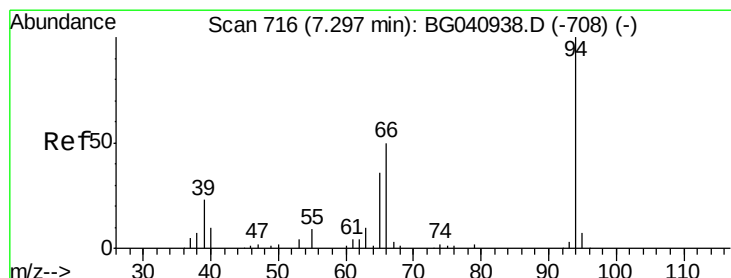
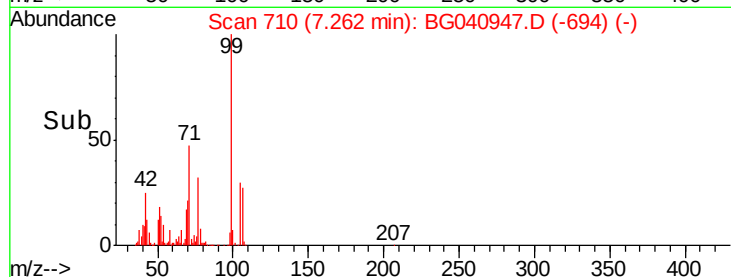
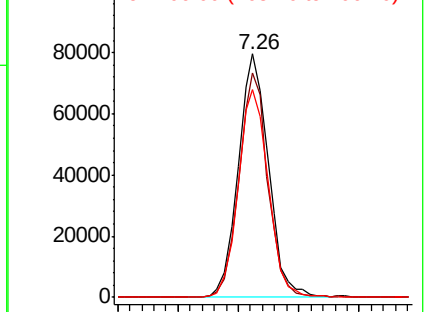
77 100

105 92.4 78.9 118.9

106 85.3 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: 37.729 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

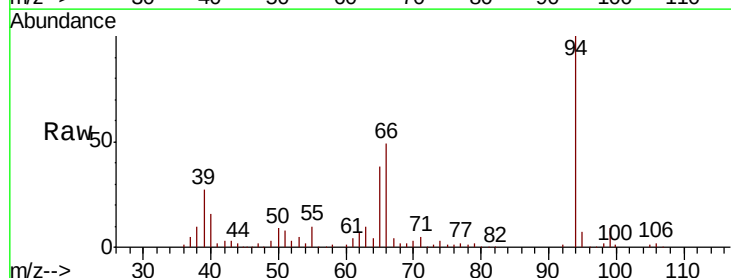
Tgt Ion: 94 Resp: 188285

Ion Ratio Lower Upper

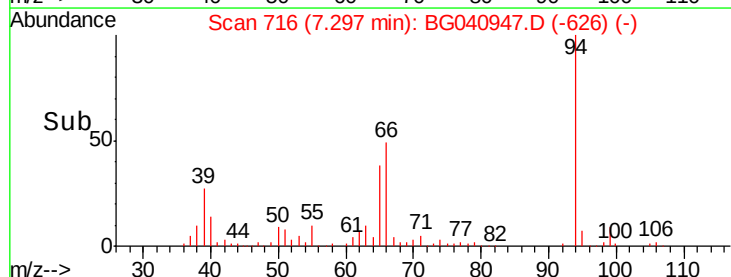
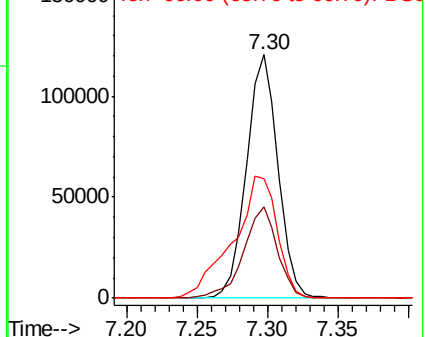
94 100

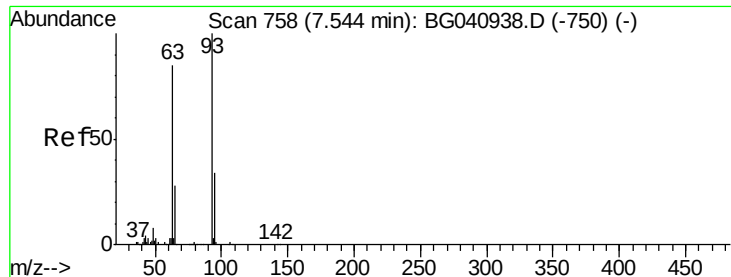
65 37.6 17.0 57.0

66 49.1 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: 33.480 ng

RT: 7.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

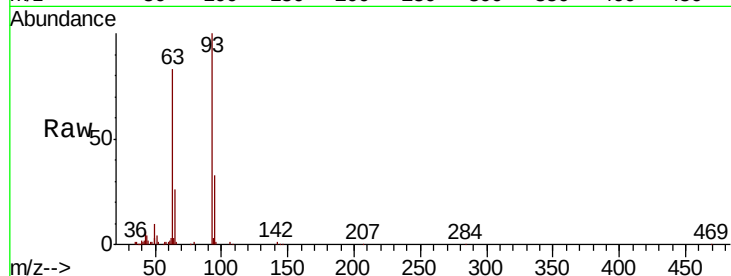
Tot Ion: 93 Resp: 121209

Ion Ratio Lower Upper

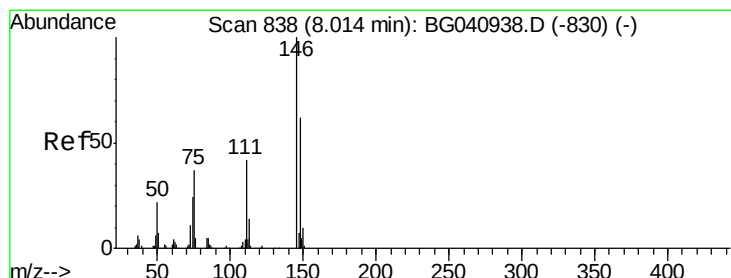
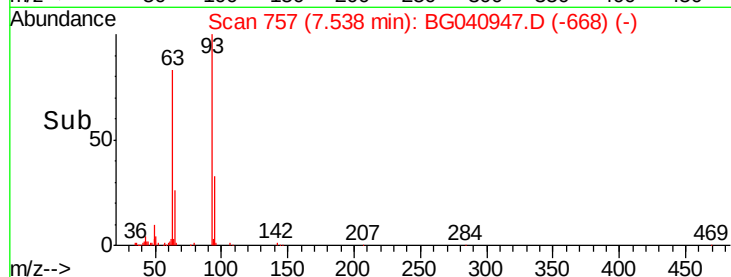
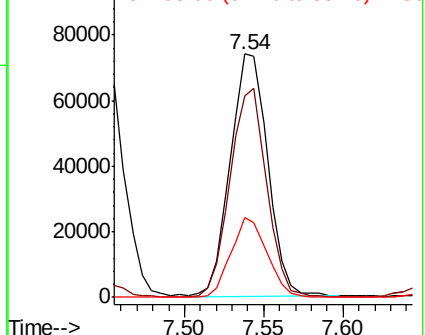
93 100

63 82.6 64.5 104.5

95 32.9 13.3 53.3



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



#12

1,3-Dichlorobenzene

Concen: 32.880 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

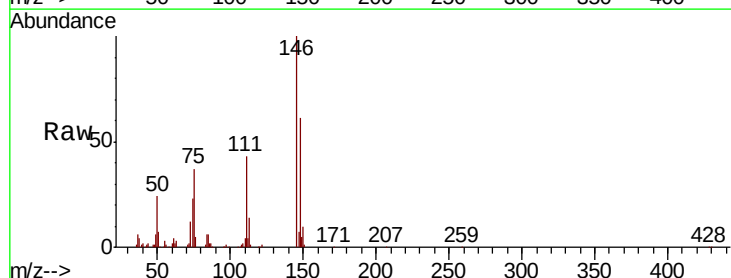
Tgt Ion: 146 Resp: 141098

Ion Ratio Lower Upper

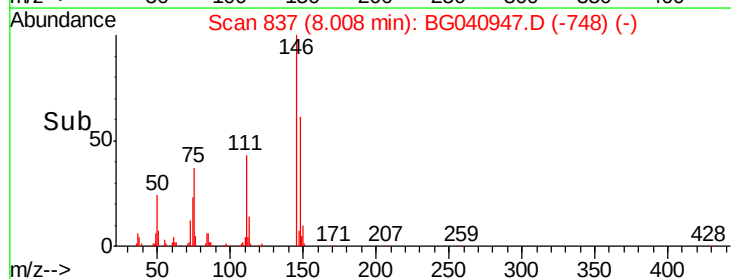
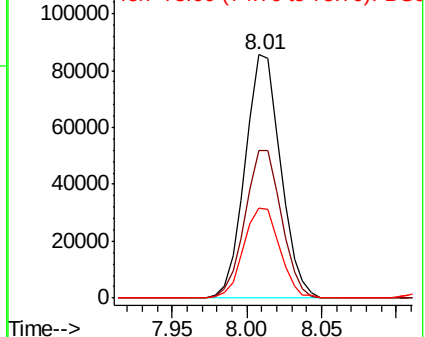
146 100

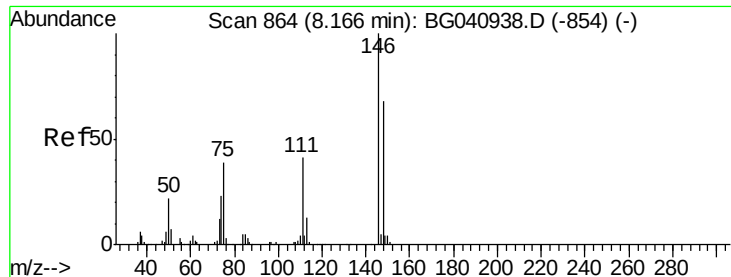
148 60.8 49.2 73.8

75 36.7 29.4 44.0



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

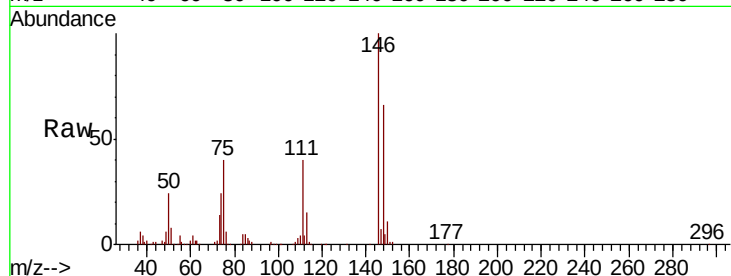




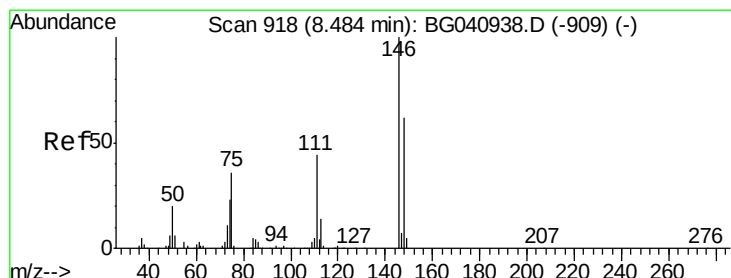
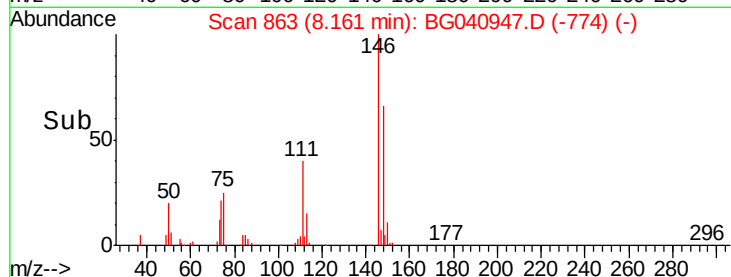
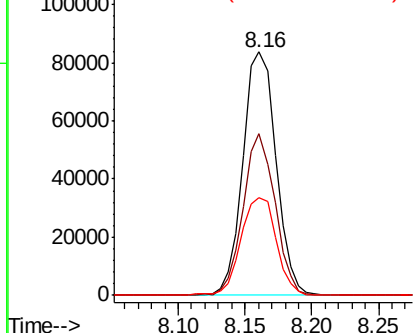
#13
 1,4-Dichlorobenzene
 Concen: 33.092 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BG040947.D
 Acq: 30 May 2019 11:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119943BSD

Tot Ion:146 Resp: 143744
 Ion Ratio Lower Upper
 146 100
 148 66.3 54.2 81.4
 111 40.3 32.9 49.3

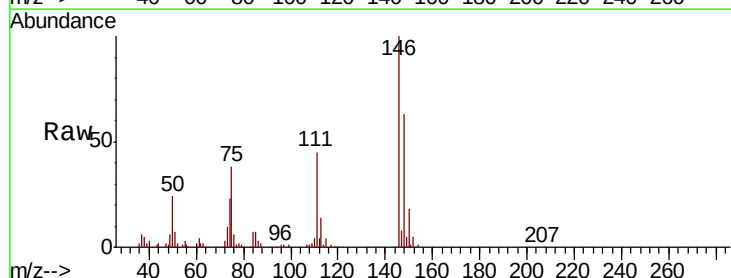


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

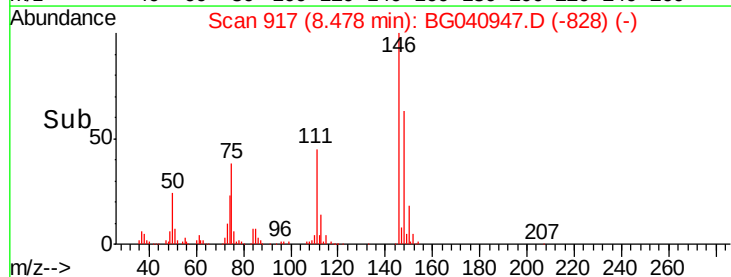
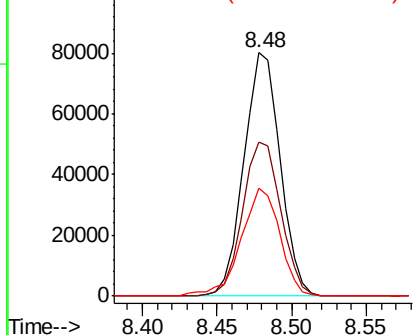


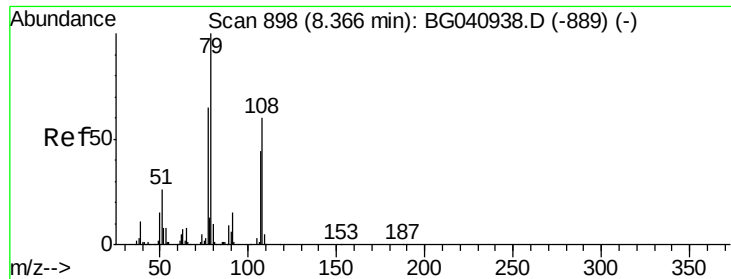
#14
 1,2-Dichlorobenzene
 Concen: 31.932 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BG040947.D
 Acq: 30 May 2019 11:57

Tgt Ion:146 Resp: 134673
 Ion Ratio Lower Upper
 146 100
 148 63.2 49.8 74.6
 111 44.5 35.0 52.4



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





#15

Benzyl Alcohol

Concen: 36.563 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

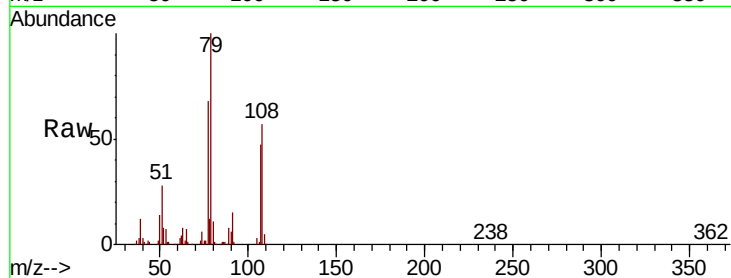
Tot Ion: 79 Resp: 157424

Ion Ratio Lower Upper

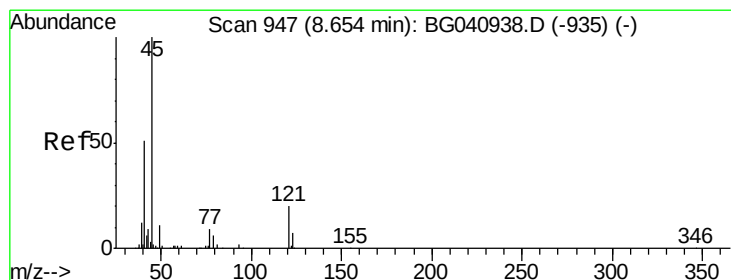
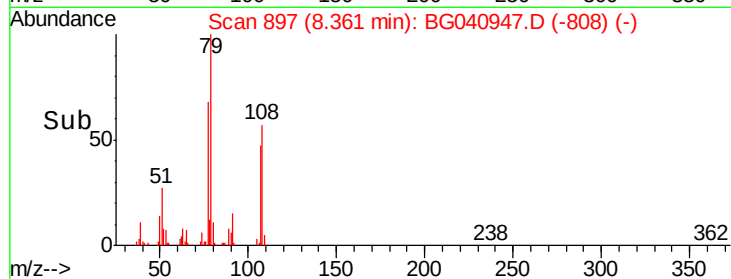
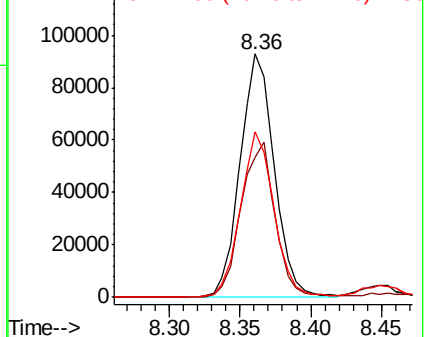
79 100

108 57.4 48.3 72.5

77 67.8 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: 32.876 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

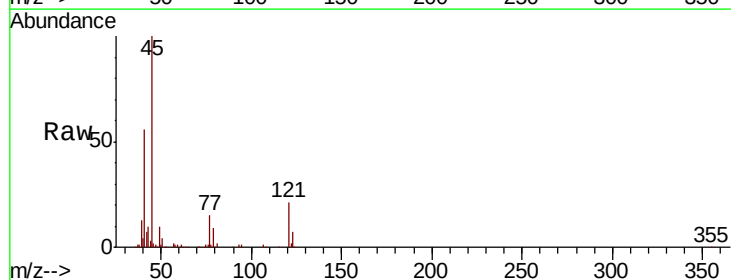
Tgt Ion: 45 Resp: 194491

Ion Ratio Lower Upper

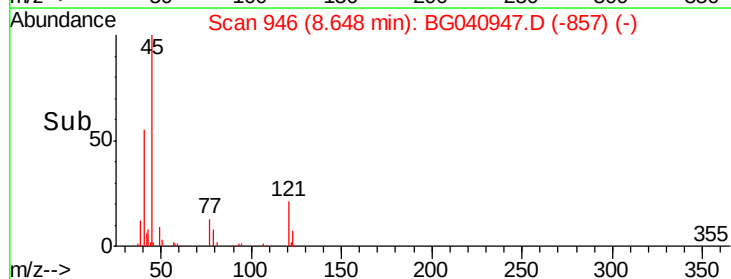
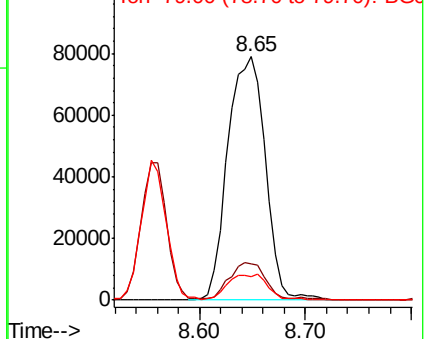
45 100

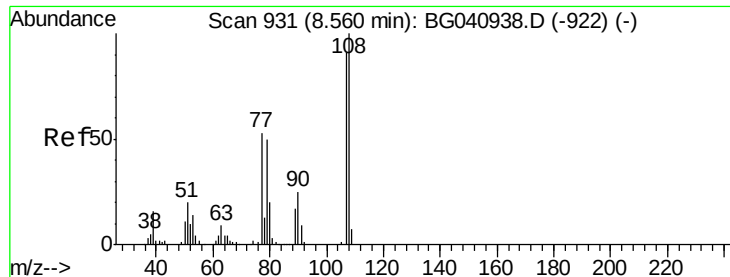
77 14.9 0.0 33.7

79 9.4 0.0 30.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

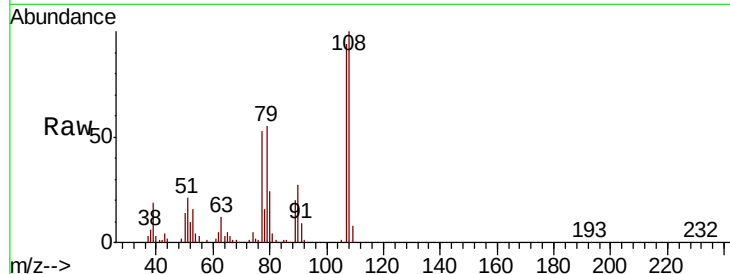




#17
2-Methylphenol
Concen: 35.914 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.01 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion:	107	Resp:	129767
Ion	Ratio	Lower	Upper
107	100		
108	106.7	87.7	131.5
77	57.0	46.6	70.0
79	58.2	44.6	66.8



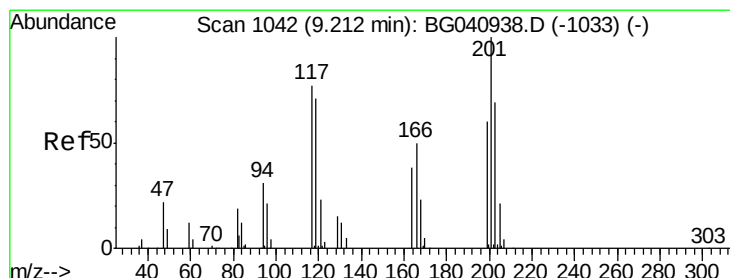
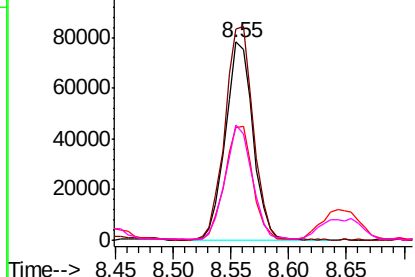
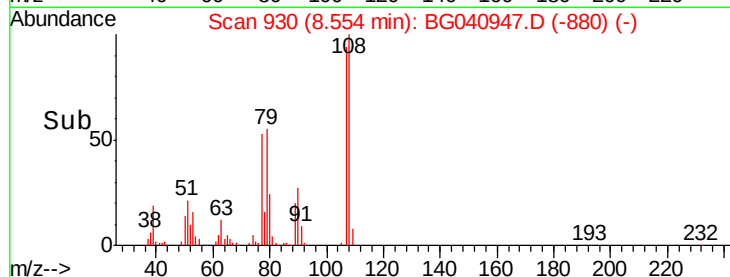
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

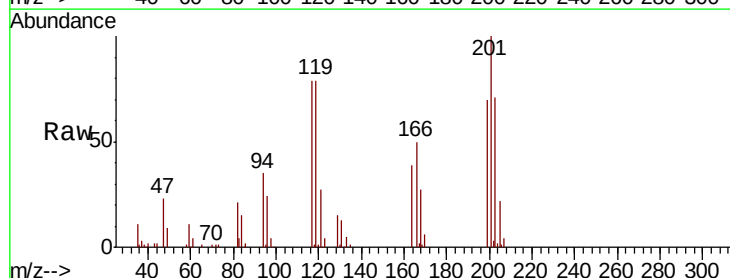
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 32.458 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

Tgt Ion:	117	Resp:	54339
Ion	Ratio	Lower	Upper
117	100		
119	100.7	75.0	112.6
201	127.1	103.5	155.3

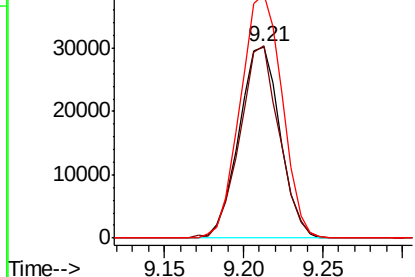
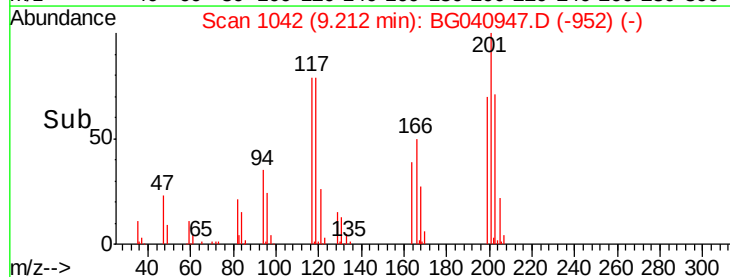


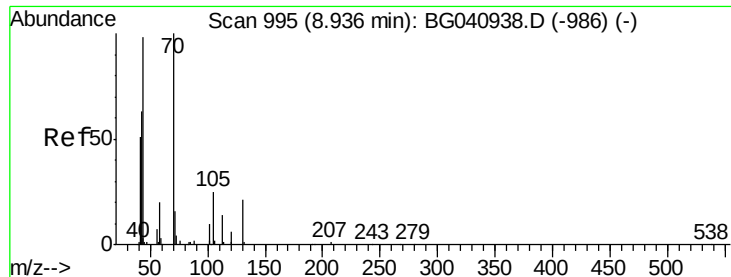
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

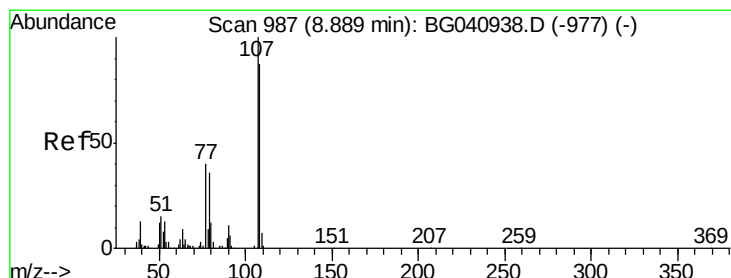
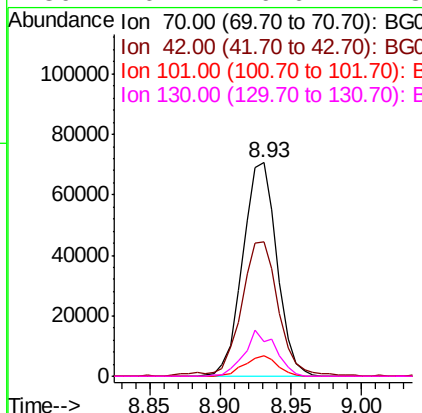
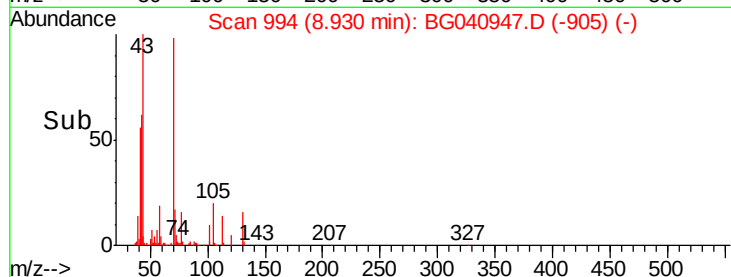
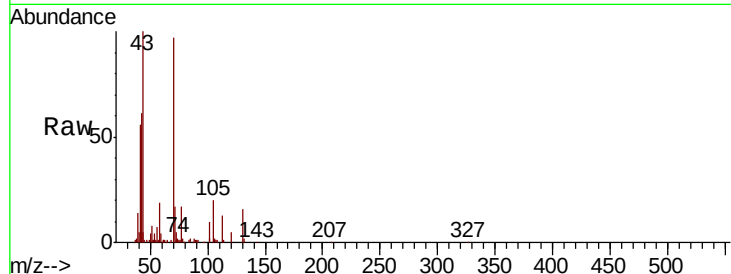




#19
n-Nitroso-di-n-propylamine
Concen: 33.440 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

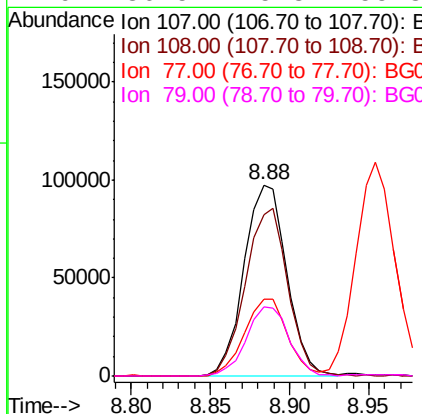
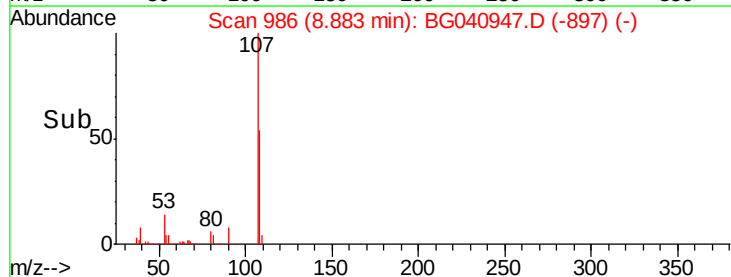
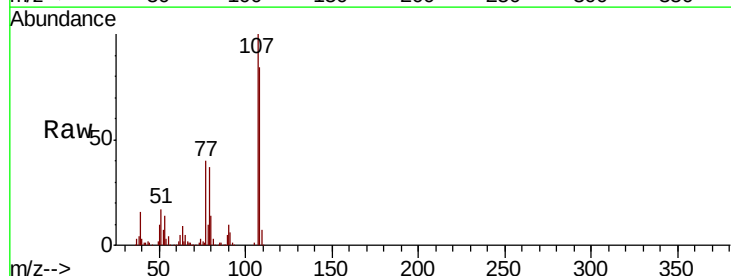
Instrument :
BNA_G
ClientSampleId :
PB119943BSD

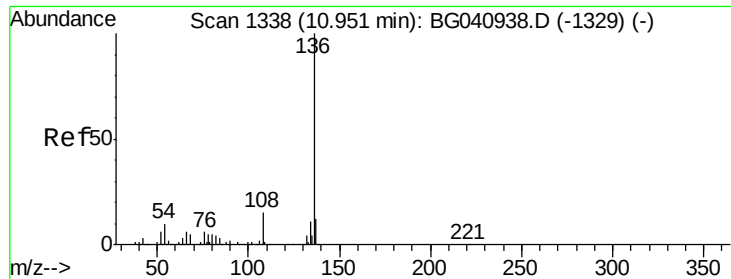
Tot Ion:	70	Resp:	119777
Ion	Ratio	Lower	Upper
70	100		
42	63.2	51.5	77.3
101	9.8	8.1	12.1
130	16.4	16.6	24.8#



#20
3+4-Methylphenols
Concen: 36.467 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

Tgt Ion:	107	Resp:	182520
Ion	Ratio	Lower	Upper
107	100		
108	84.3	66.8	106.8
77	40.3	20.5	60.5
79	36.5	15.8	55.8

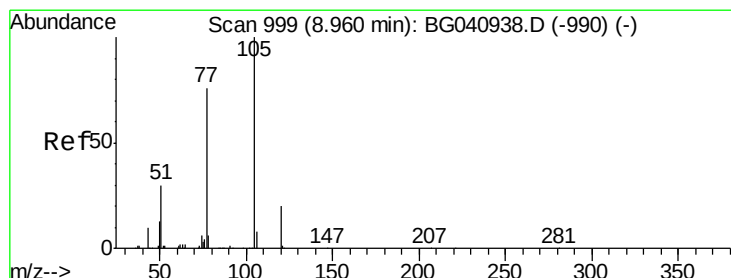
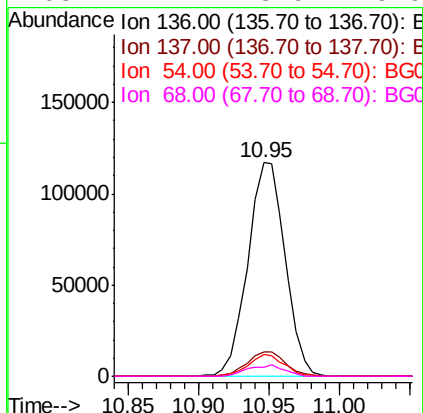
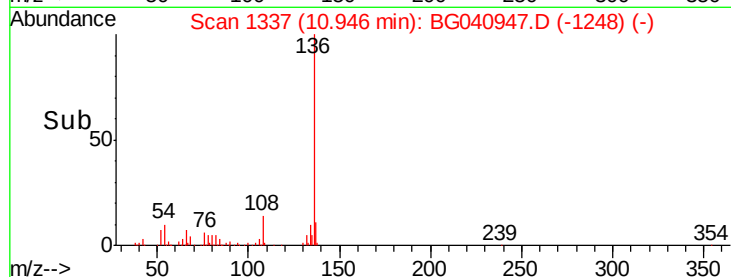
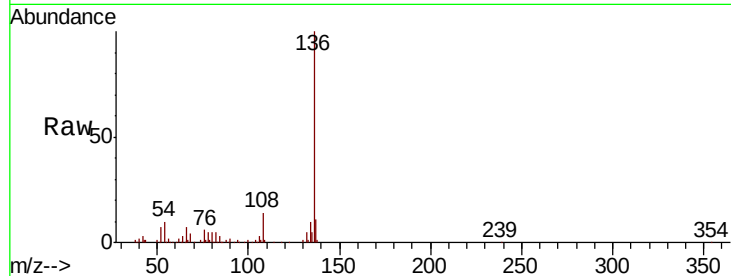




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

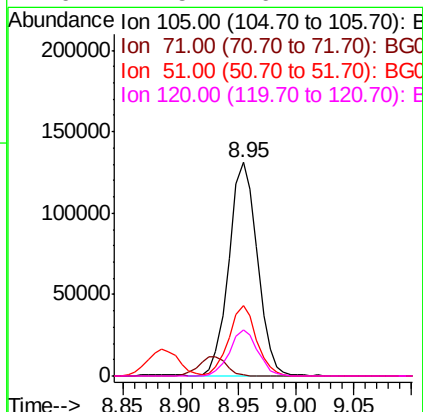
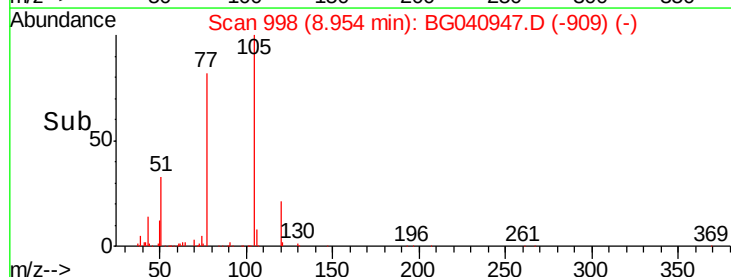
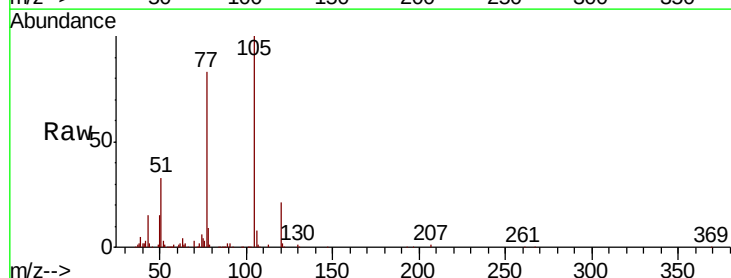
Instrument :
BNA_G
ClientSampleId :
PB119943BSD

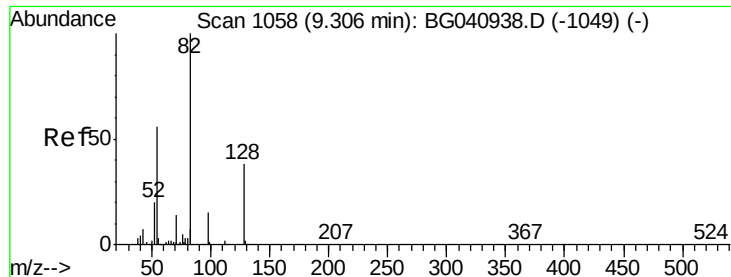
Tot Ion:136	Resp:	217050	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.5	14.3	
54 10.0	7.6	11.4	
68 4.1	3.9	5.9	



#22
Acetophenone
Concen: 36.870 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

Tgt	Ion:105	Resp:	224489
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.4	0.6
51	33.2	27.0	40.6
120	21.5	16.2	24.4

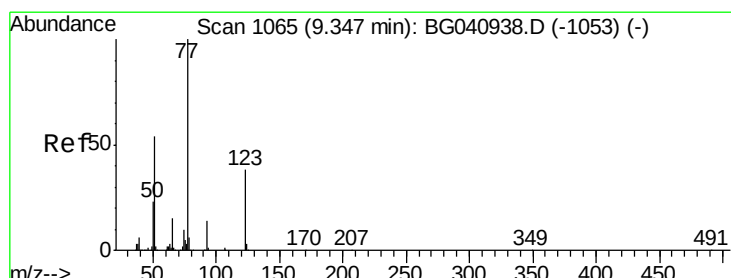
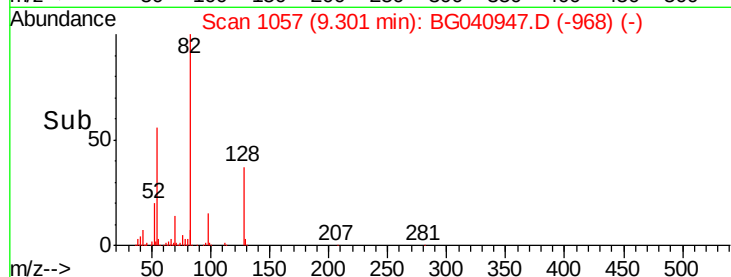
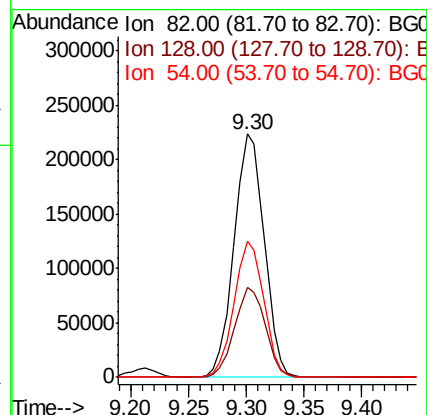
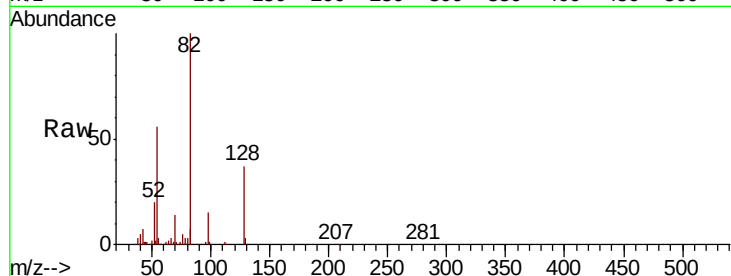




#23
 Nitrobenzene-d5
 Concen: 82.927 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG040947.D
 Acq: 30 May 2019 11:57

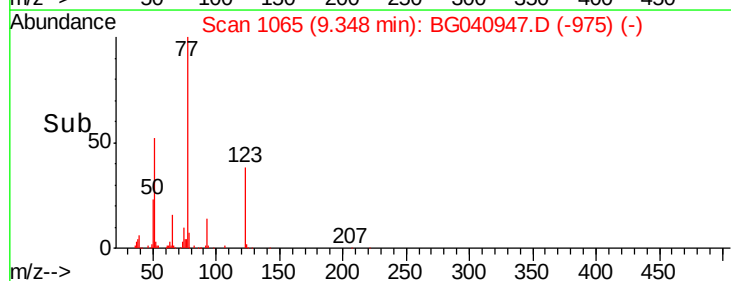
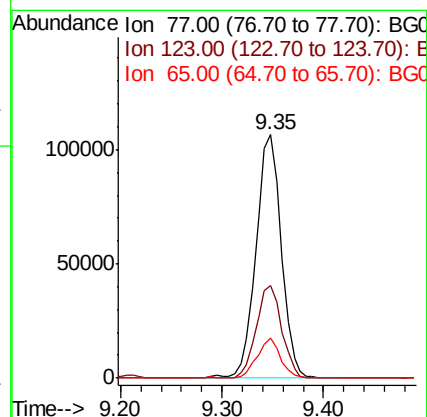
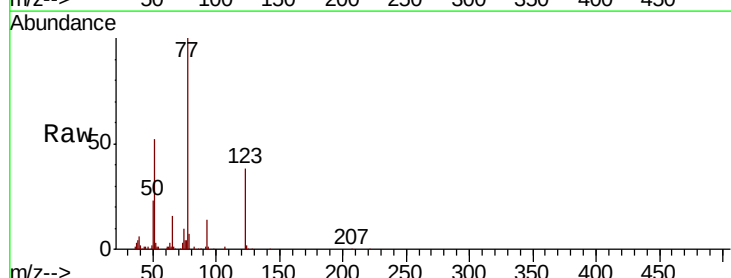
Instrument :
 BNA_G
 ClientSampleId :
 PB119943BSD

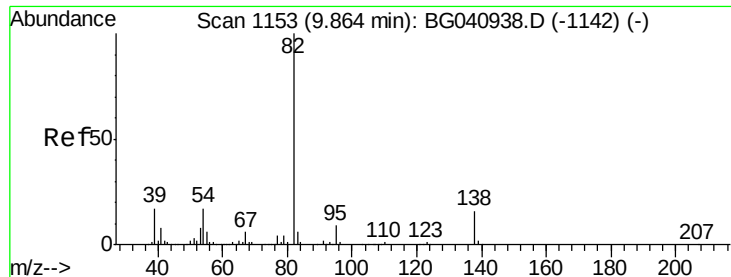
Tot Ion	82	Resp	405446
Ion Ratio	Lower	Upper	
82	100		
128	36.9	30.5	45.7
54	55.9	44.6	66.8



#24
 Nitrobenzene
 Concen: 37.051 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BG040947.D
 Acq: 30 May 2019 11:57

Tgt Ion	77	Resp	184605
Ion Ratio	Lower	Upper	
77	100		
123	38.0	30.6	46.0
65	16.5	12.3	18.5





#25

Isophorone

Concen: 36.603 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

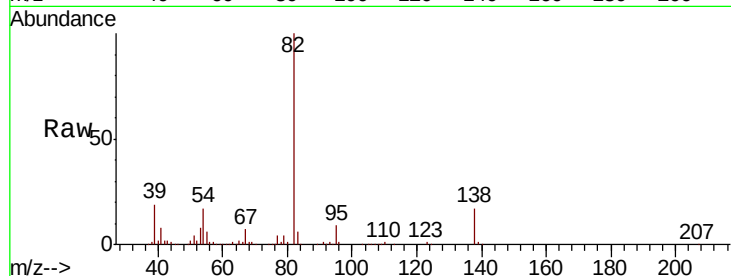
Tot Ion: 82 Resp: 340578

Ion Ratio Lower Upper

82 100

95 9.1 7.0 10.4

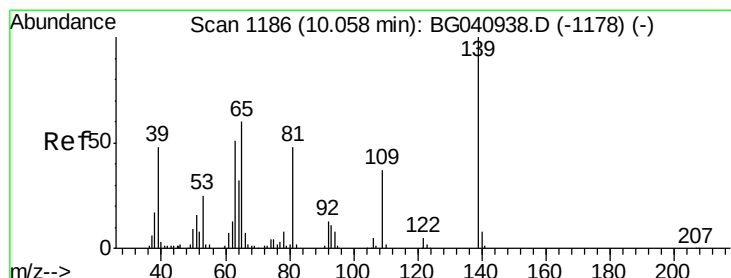
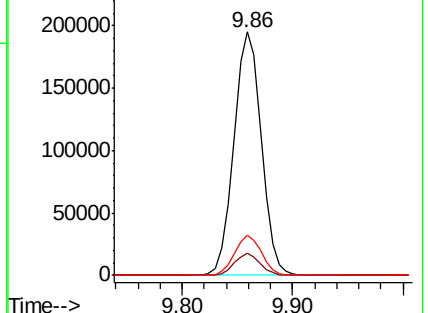
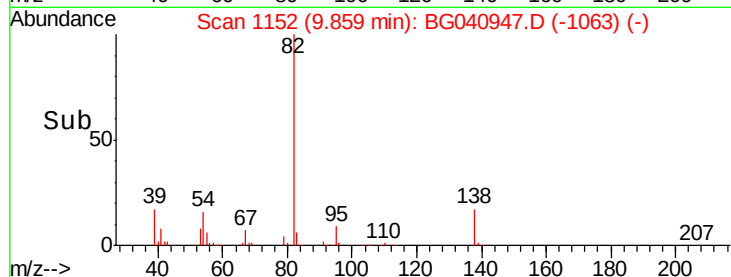
138 16.6 12.6 19.0



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: 39.030 ng

RT: 10.05 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

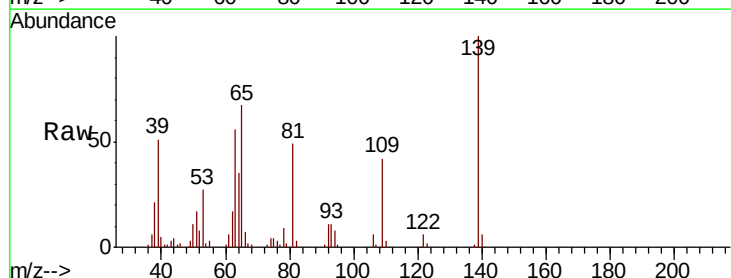
Tgt Ion: 139 Resp: 80170

Ion Ratio Lower Upper

139 100

109 42.3 29.8 44.6

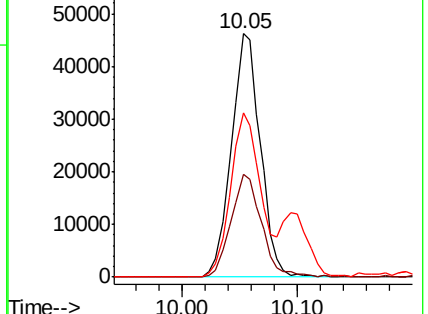
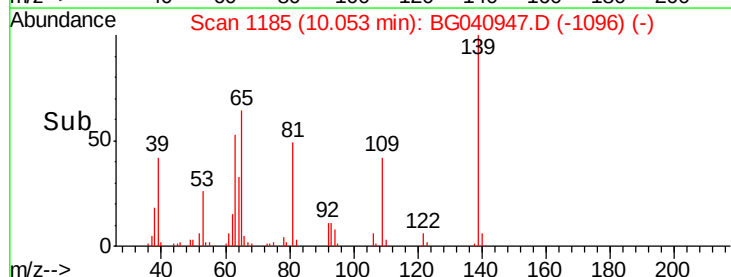
65 67.4 47.8 71.6

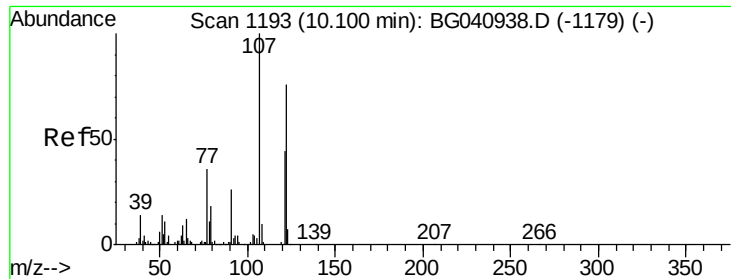


Abundance Ion 139.00 (138.70 to 139.70): BG040938.D (-1178) (-)

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

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

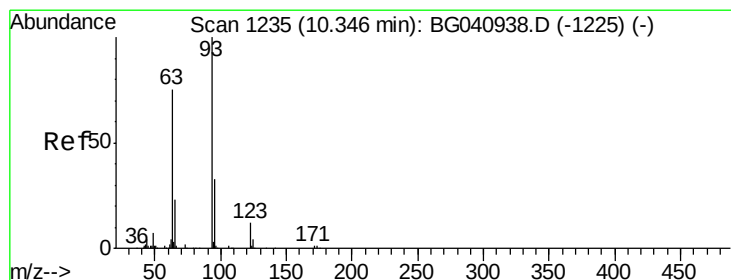
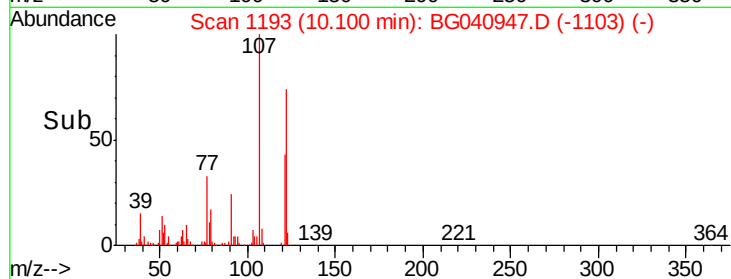
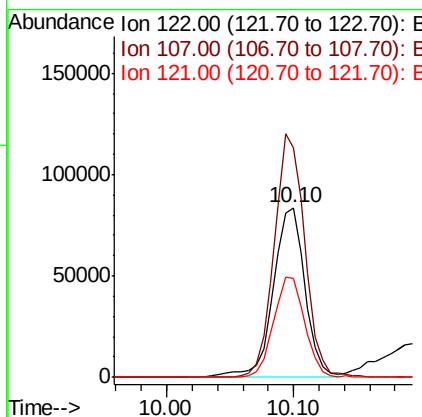
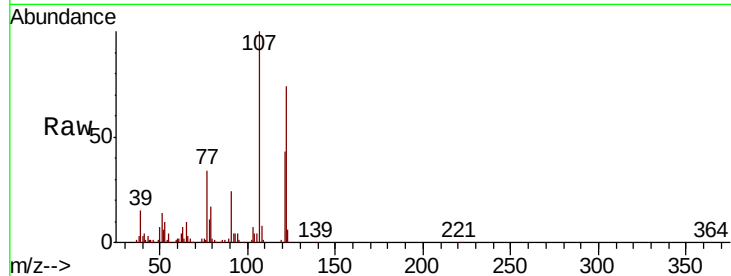




#27
2,4-Dimethylphenol
Concen: 42.977 ng
RT: 10.10 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

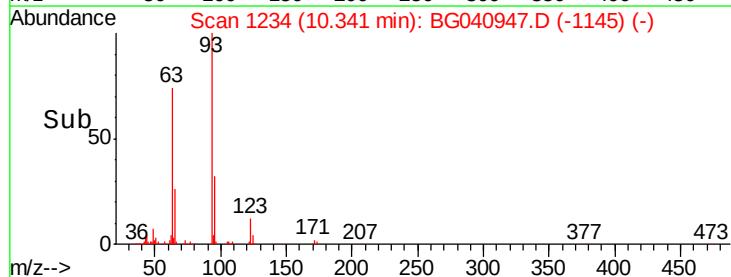
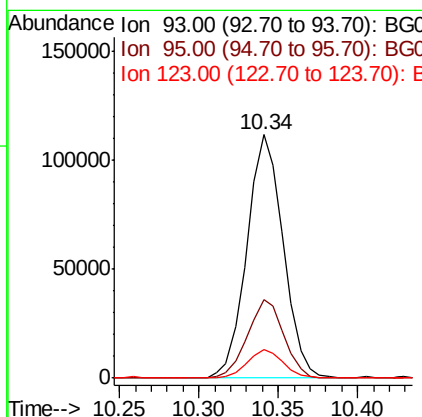
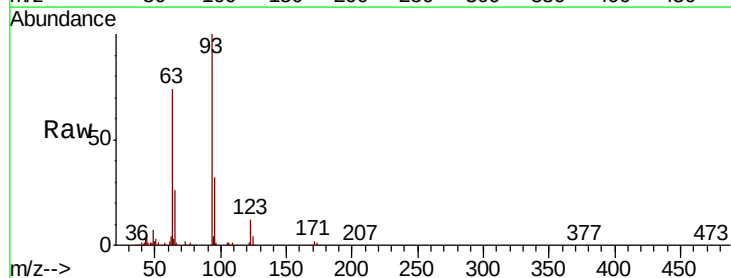
Instrument :
BNA_G
ClientSampleId :
PB119943BSD

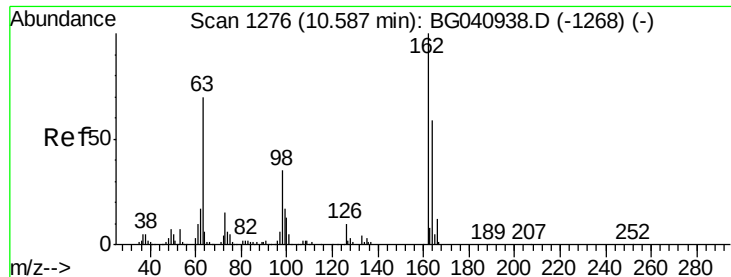
Tot Ion	Ratio	Lower	Upper
122	100		
107	135.3	105.9	158.9
121	58.1	46.2	69.4



#28
bis(2-Chloroethoxy)methane
Concen: 35.427 ng
RT: 10.34 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.2
123	11.8	9.5	14.3

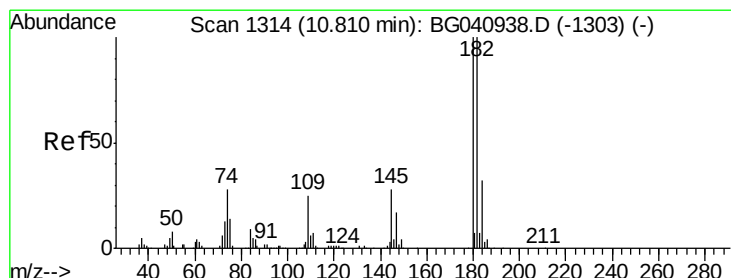
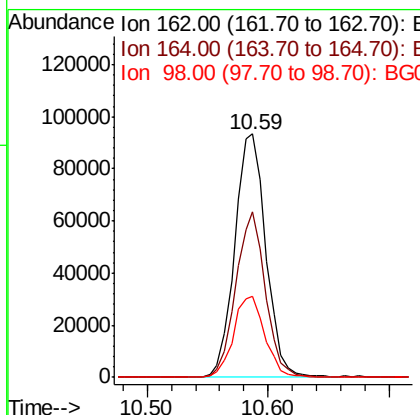
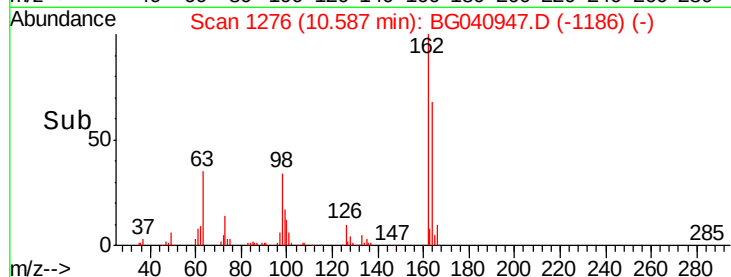
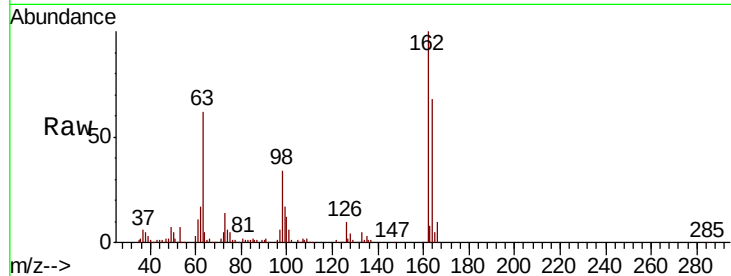




#29
 2,4-Dichlorophenol
 Concen: 38.848 ng
 RT: 10.59 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BG040947.D
 Acq: 30 May 2019 11:57

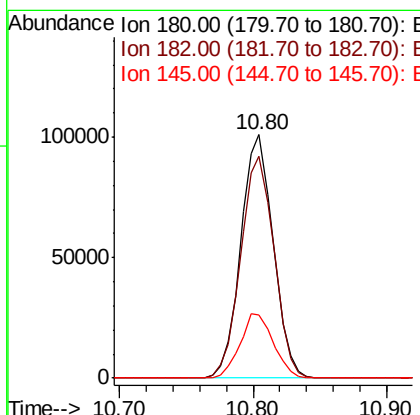
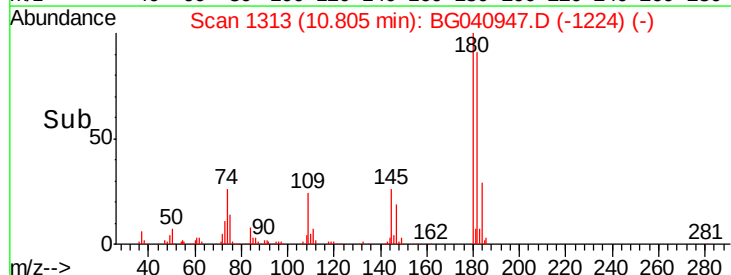
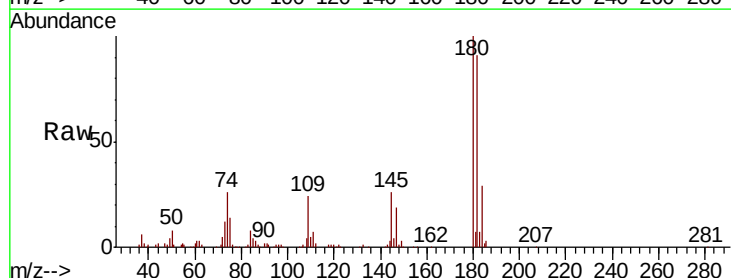
Instrument :
 BNA_G
 ClientSampleId :
 PB119943BSD

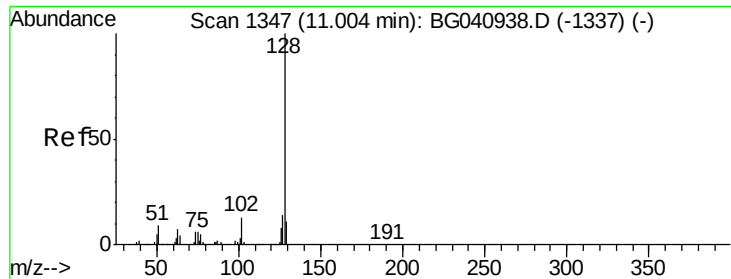
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.0	39.4	79.4
98	33.5	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 34.474 ng
 RT: 10.80 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BG040947.D
 Acq: 30 May 2019 11:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.1	79.7	119.5
145	25.8	22.6	34.0

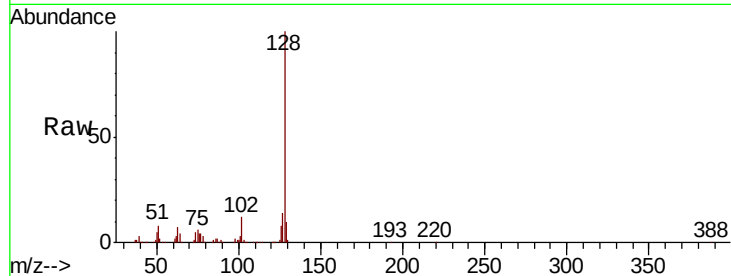




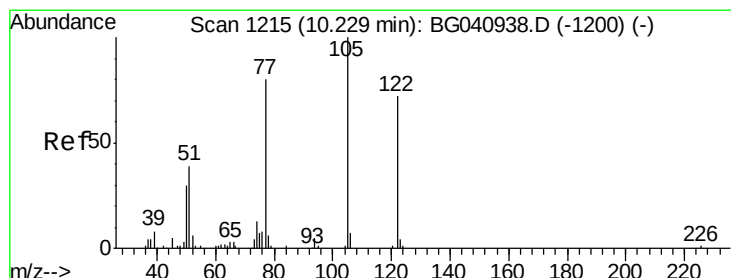
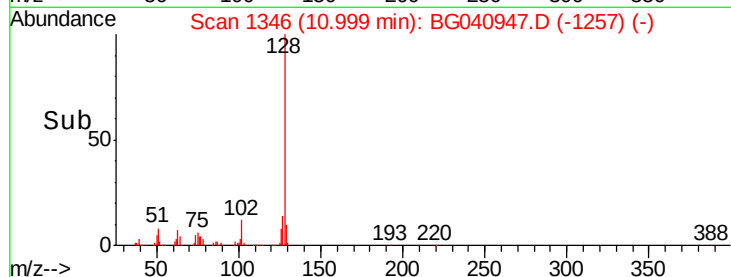
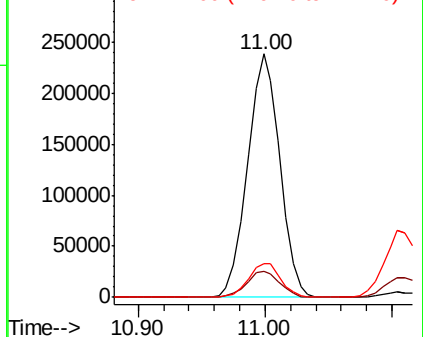
#31
Naphthalene
Concen: 36.171 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion:128 Resp: 421526
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 13.6 11.4 17.2

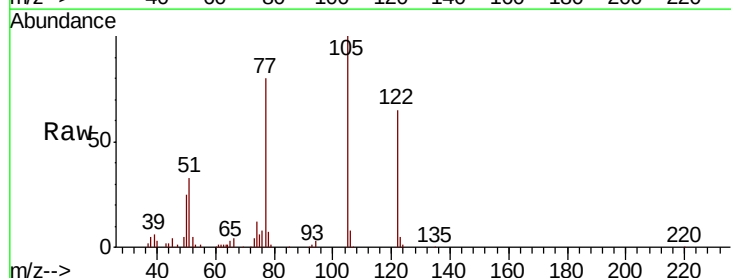


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

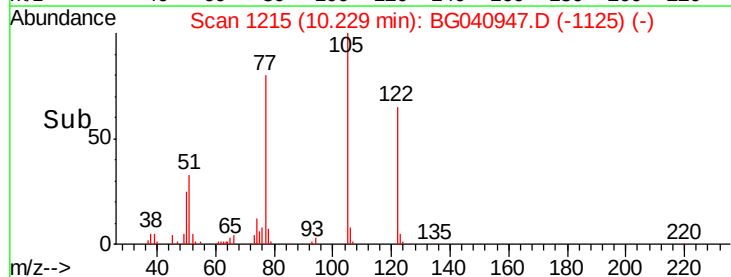
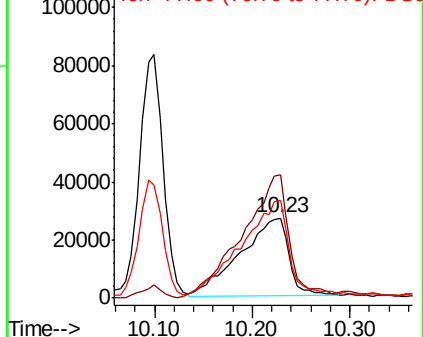


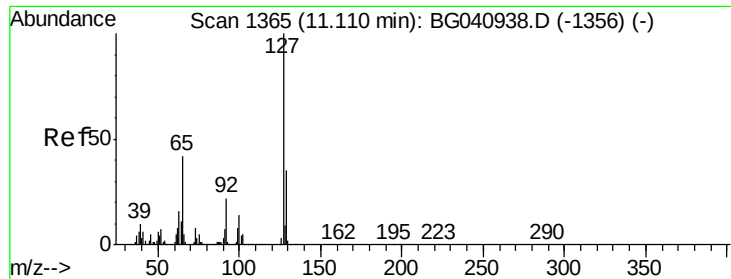
#32
Benzoic acid
Concen: 37.796 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

Tgt Ion:122 Resp: 94211
Ion Ratio Lower Upper
122 100
105 153.4 114.8 154.8
77 122.4 89.9 129.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

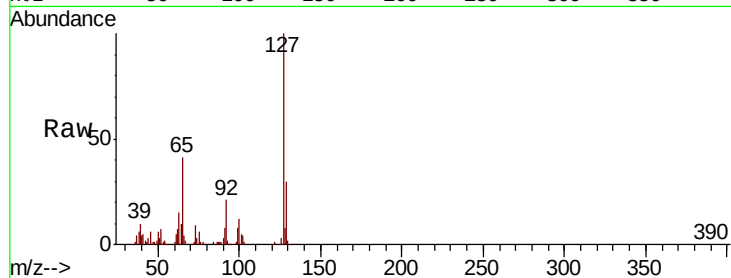




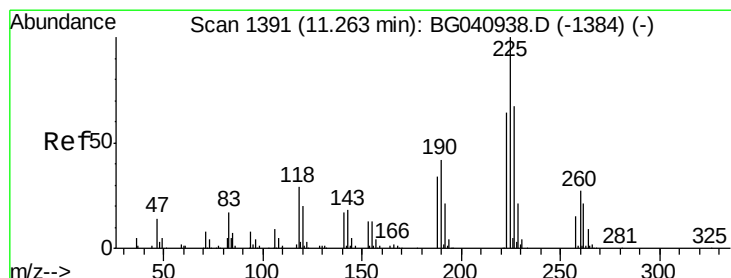
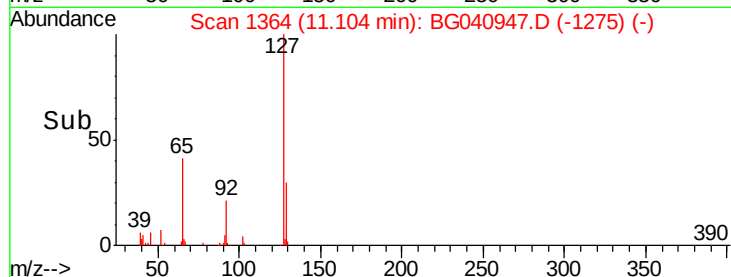
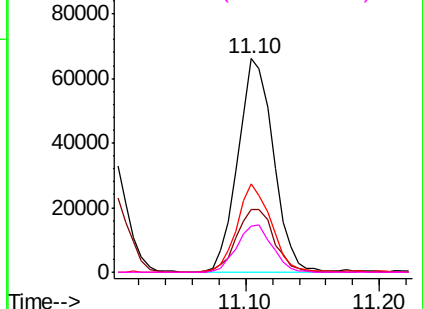
#33
 4-Chloroaniline
 Concen: 22.580 ng
 RT: 11.10 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BG040947.D
 Acq: 30 May 2019 11:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119943BSD

Tot Ion:127	Resp:	122092
Ion Ratio	Lower	Upper
127	100	
129	29.5	27.7 41.5
65	41.4	33.2 49.8
92	21.4	17.2 25.8

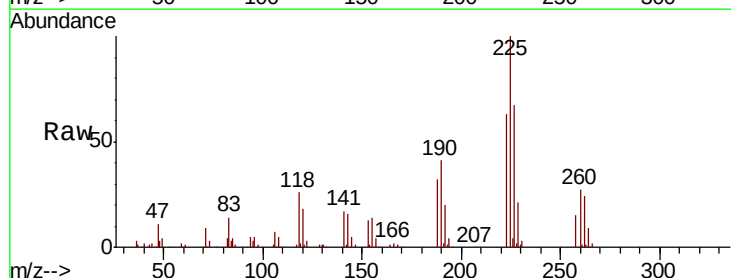


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

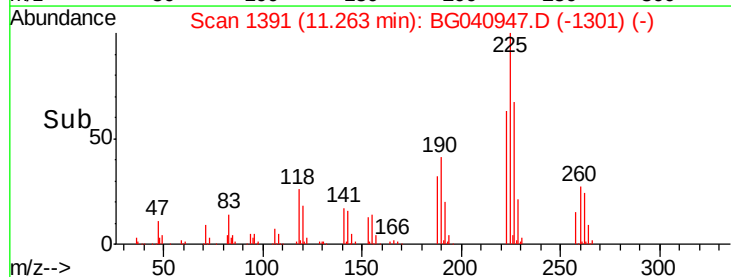
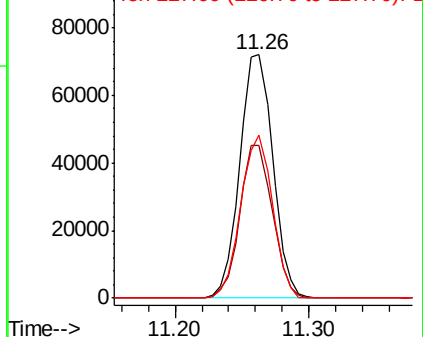


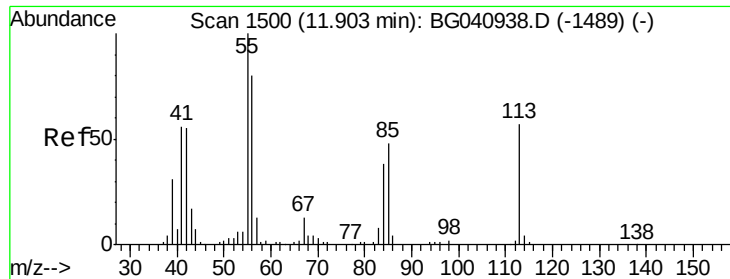
#34
 Hexachlorobutadiene
 Concen: 32.965 ng
 RT: 11.26 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BG040947.D
 Acq: 30 May 2019 11:57

Tgt Ion:225	Resp:	123609
Ion Ratio	Lower	Upper
225	100	
223	62.6	48.8 73.2
227	67.1	51.4 77.0



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

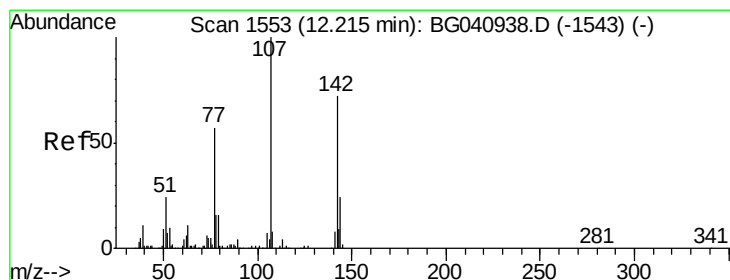
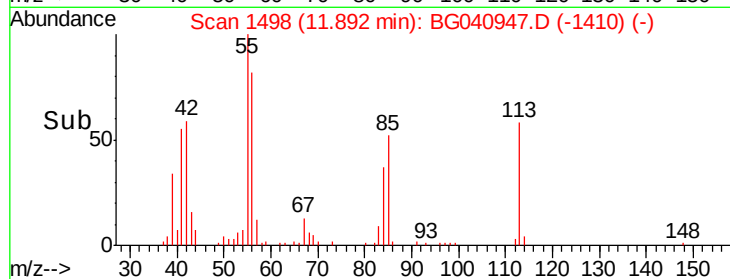
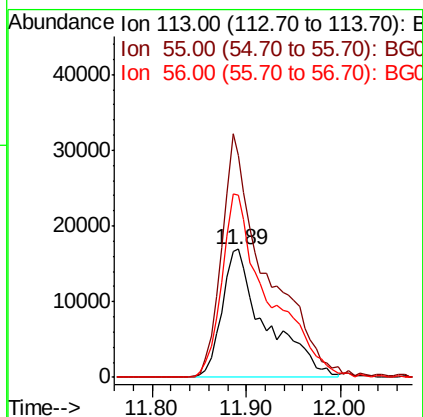
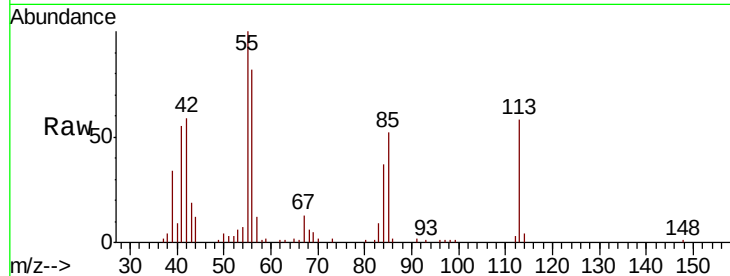




#35
 Caprolactam
 Concen: 38.490 ng
 RT: 11.89 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BG040947.D
 Acq: 30 May 2019 11:57

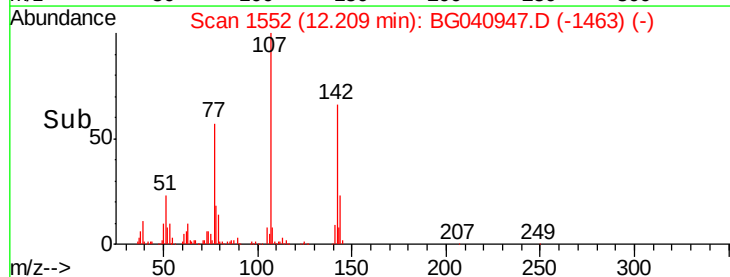
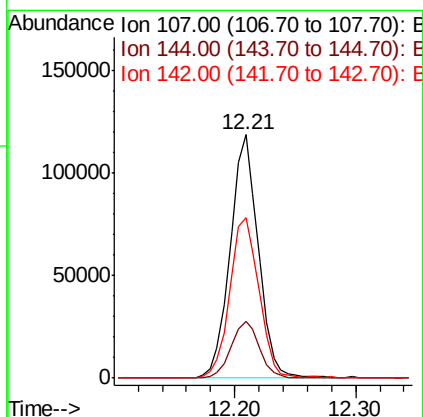
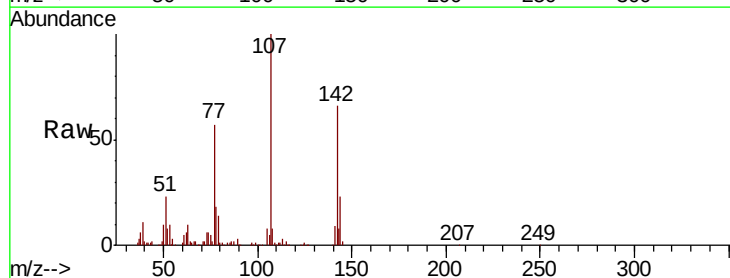
Instrument :
 BNA_G
 ClientSampleId :
 PB119943BSD

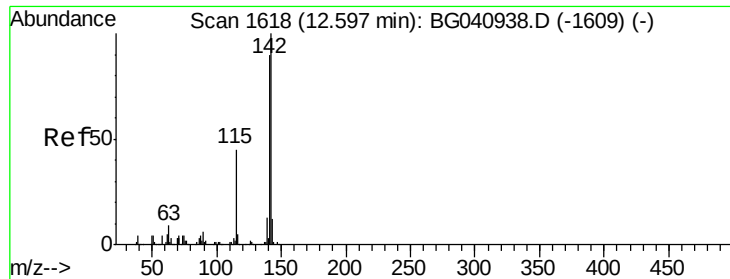
Tot Ion:113 Resp: 54755
 Ion Ratio Lower Upper
 113 100
 55 173.4 155.9 195.9
 56 141.9 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 39.174 ng
 RT: 12.21 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BG040947.D
 Acq: 30 May 2019 11:57

Tgt Ion:107 Resp: 192732
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.4 29.0
 142 65.9 57.3 85.9

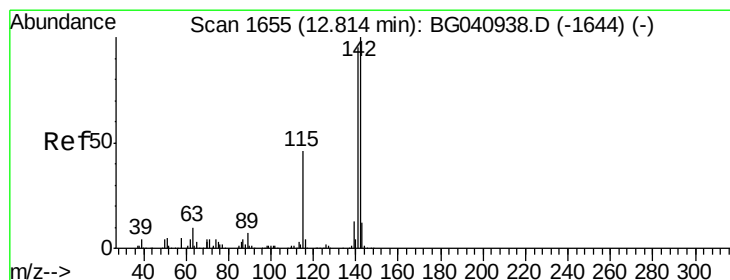
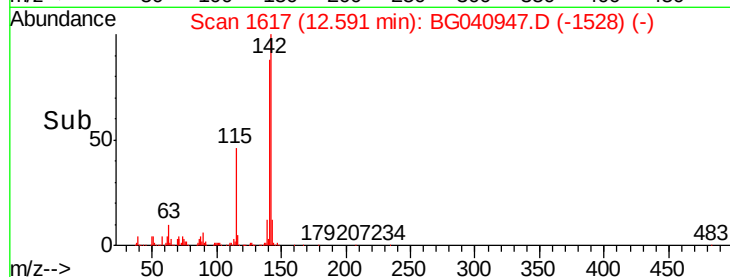
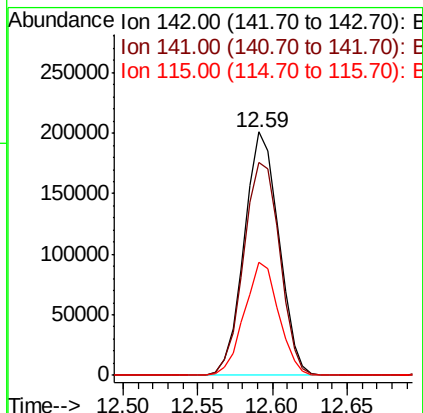
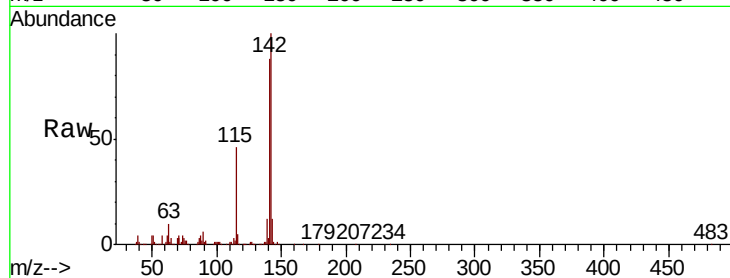




#37
2-Methylnaphthalene
Concen: 36.039 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

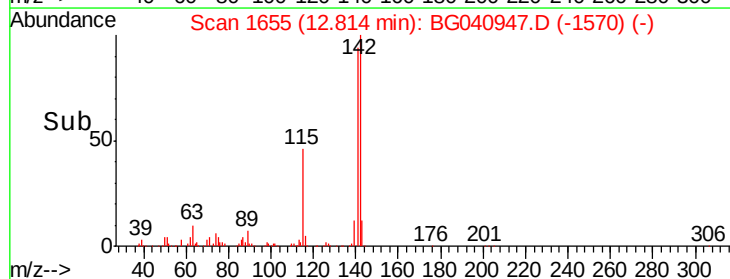
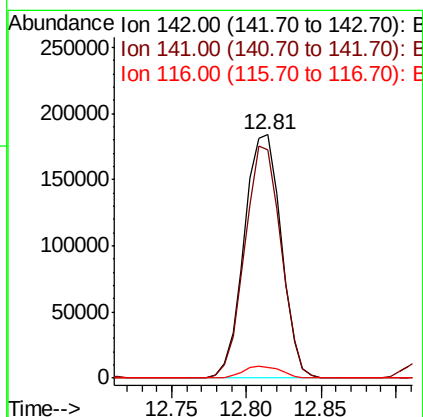
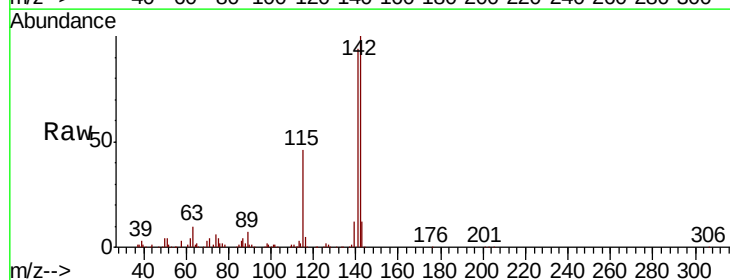
Instrument :
BNA_G
ClientSampleId :
PB119943BSD

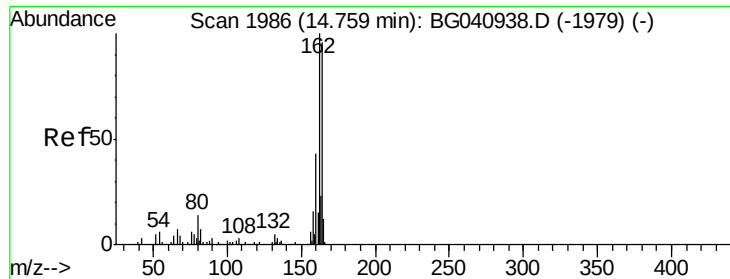
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.2	108.4
115	46.3	36.2	54.4



#38
1-Methylnaphthalene
Concen: 37.289 ng
RT: 12.81 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	75.7	113.5
116	4.6	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

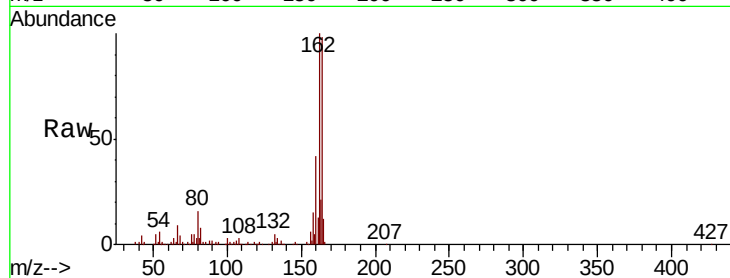
Tot Ion:164 Resp: 175855

Ion Ratio Lower Upper

164 100

162 102.1 83.0 124.4

160 43.1 35.6 53.4

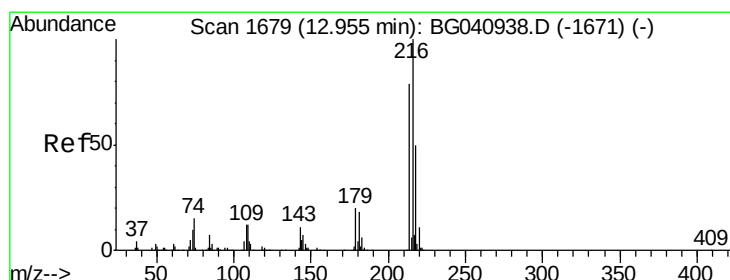
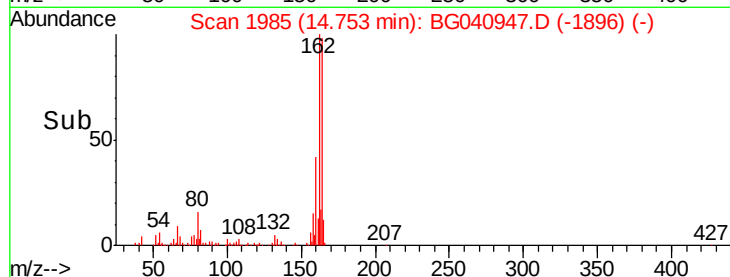
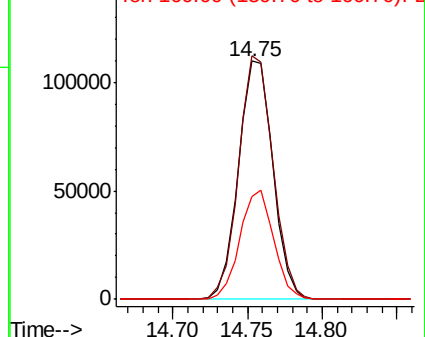


Abundance

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: 33.045 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Tgt Ion:216 Resp: 234217

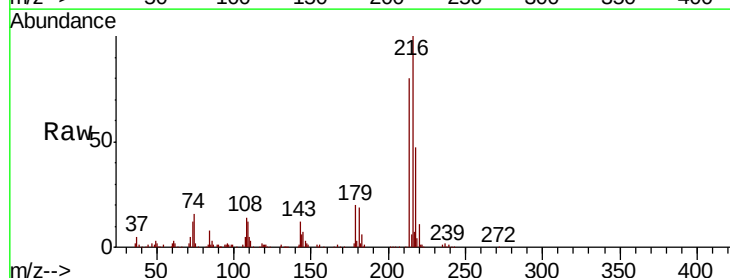
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.2

179 19.5 15.2 22.8

108 16.6 11.4 17.2



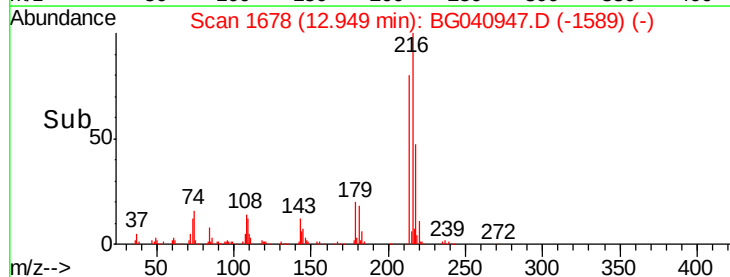
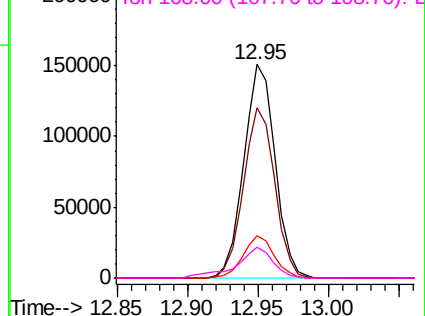
Abundance

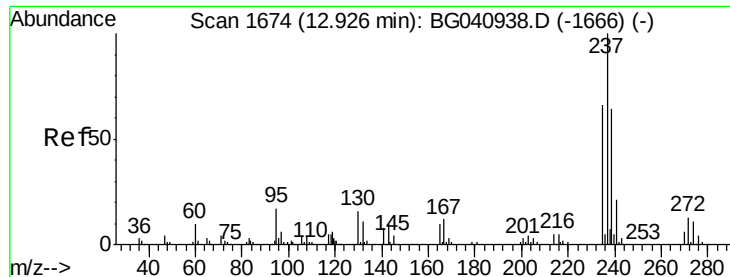
Ion 216.00 (215.70 to 216.70): E

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: 71.994 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

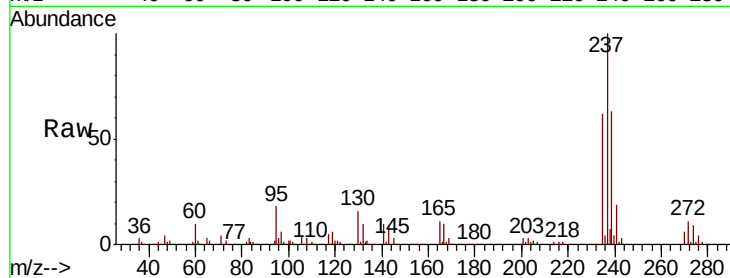
Tot Ion:237 Resp: 270804

Ion Ratio Lower Upper

237 100

235 62.3 45.5 85.5

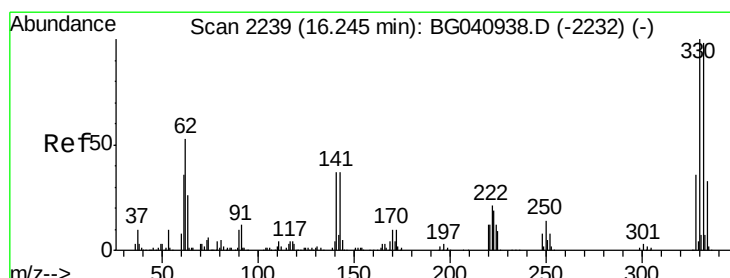
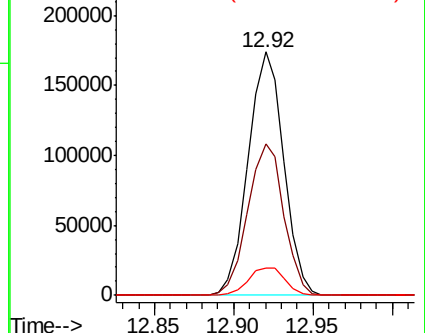
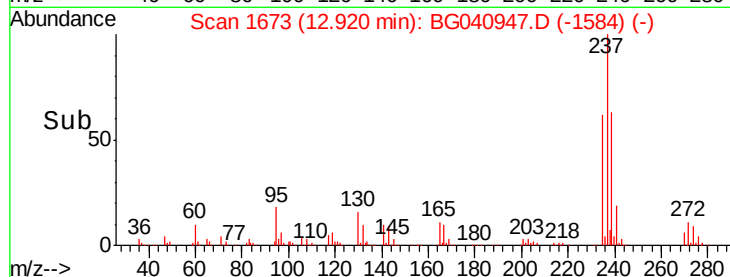
272 11.3 0.0 32.9



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: 117.789 ng

RT: 16.25 min Scan# 2239

Delta R.T. 0.00 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

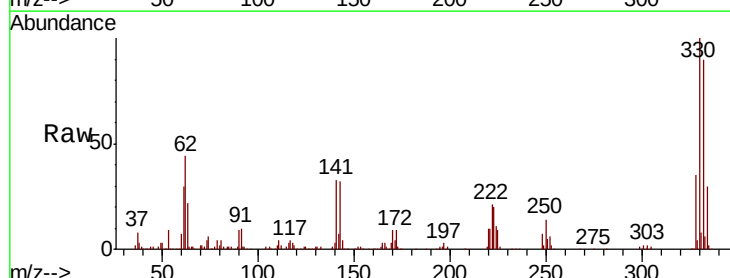
Tgt Ion:330 Resp: 307510

Ion Ratio Lower Upper

330 100

332 94.8 78.5 117.7

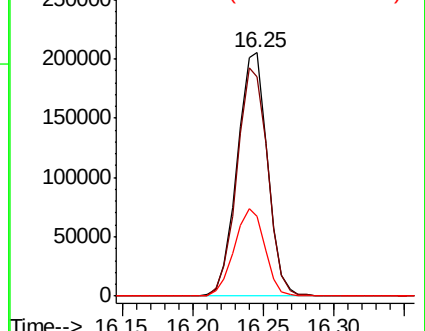
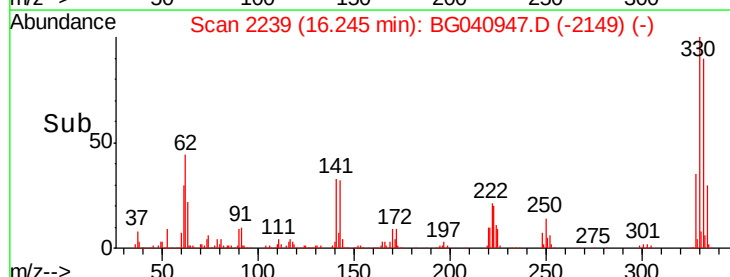
141 36.2 28.7 43.1

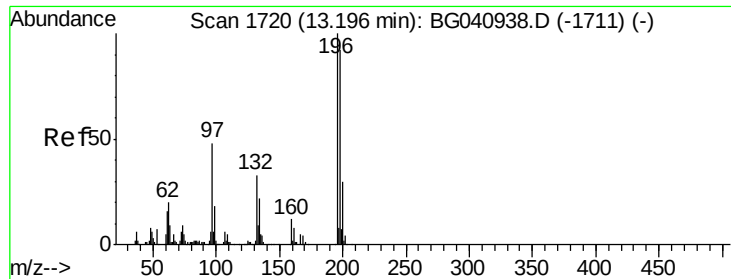


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

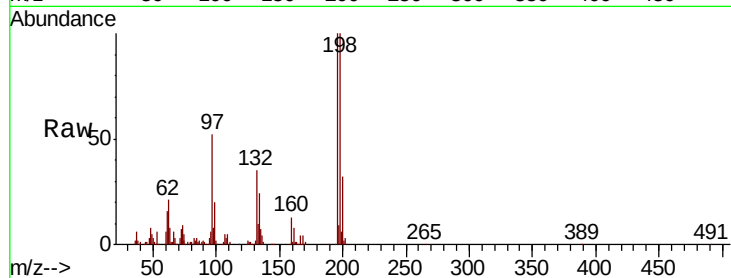




#43
 2,4,6-Trichlorophenol
 Concen: 35.713 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG040947.D
 Acq: 30 May 2019 11:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119943BSD

Tot Ion:196 Resp: 163754
 Ion Ratio Lower Upper
 196 100
 198 100.0 73.8 110.6
 200 31.6 24.1 36.1

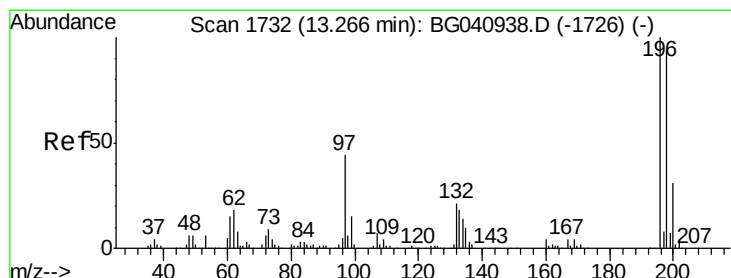
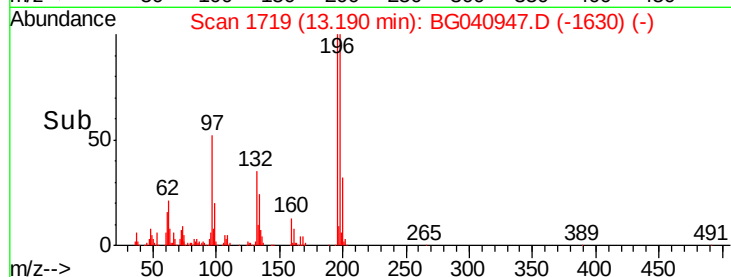
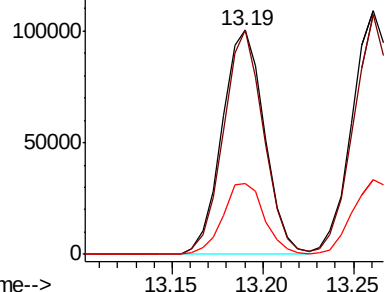


Abundance

Ion 196.00 (195.70 to 196.70): E

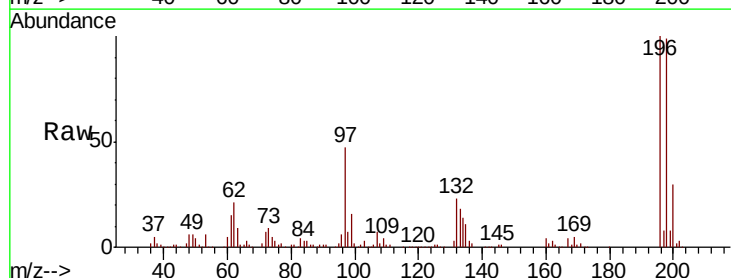
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 36.304 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG040947.D
 Acq: 30 May 2019 11:57

Tgt Ion:196 Resp: 175557
 Ion Ratio Lower Upper
 196 100
 198 98.5 75.1 112.7
 97 47.4 35.6 53.4
 132 23.4 16.7 25.1



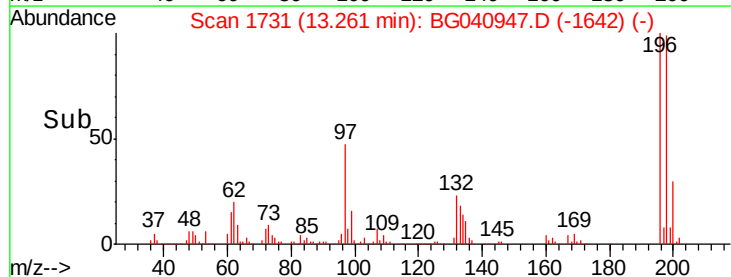
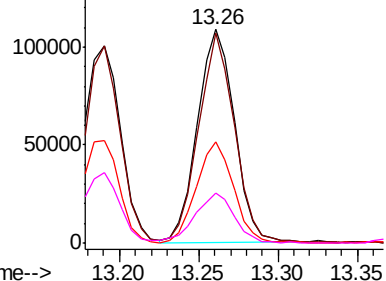
Abundance

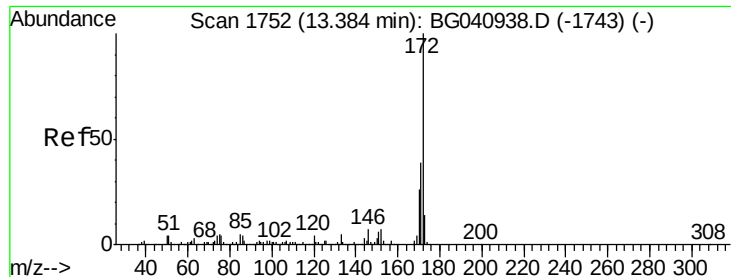
Ion 196.00 (195.70 to 196.70): E

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

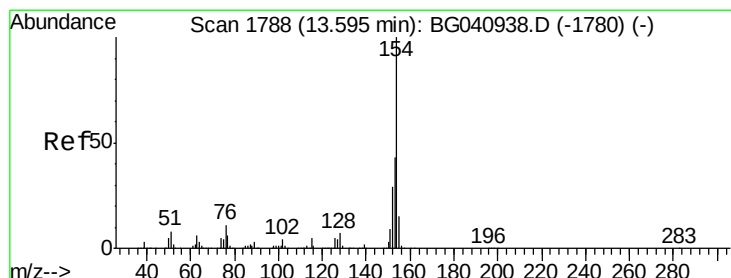
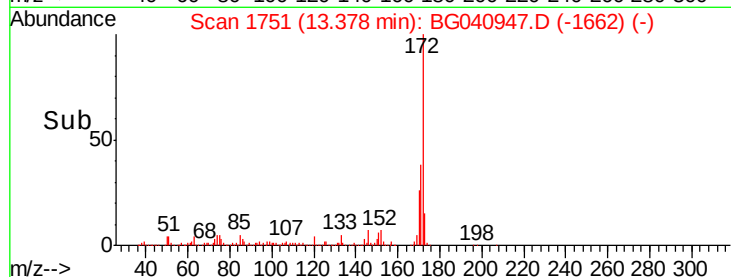
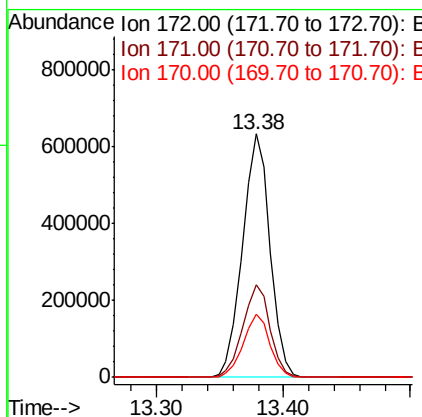
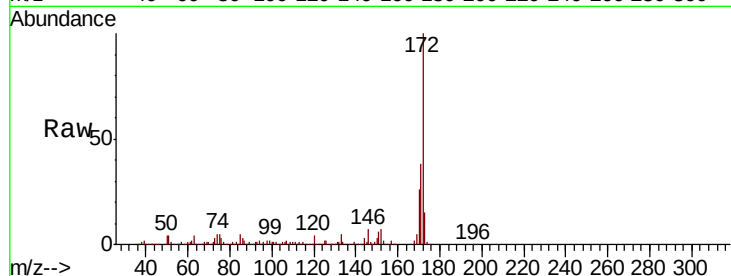




#45
2-Fluorobiphenyl
Concen: 77.827 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

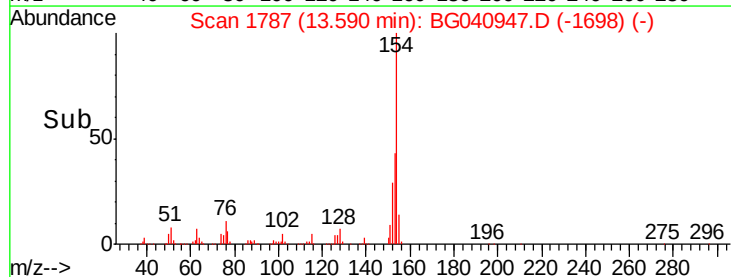
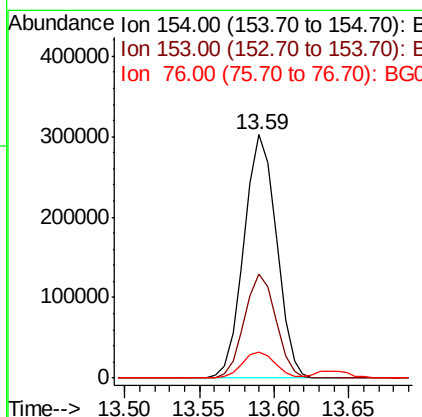
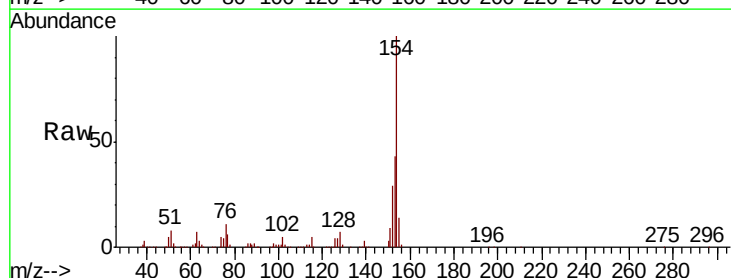
Instrument :
BNA_G
ClientSampleId :
PB119943BSD

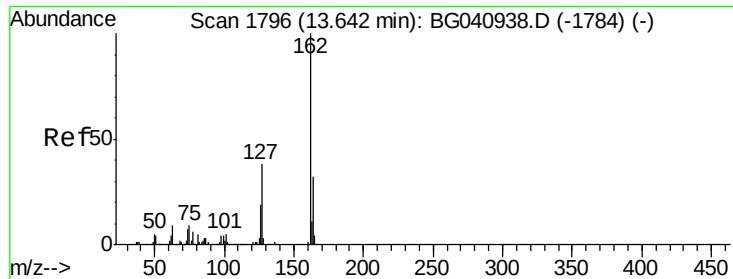
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.1	46.7
170	25.9	20.5	30.7



#46
1,1'-Biphenyl
Concen: 35.063 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	23.3	63.3
76	10.9	0.0	31.1

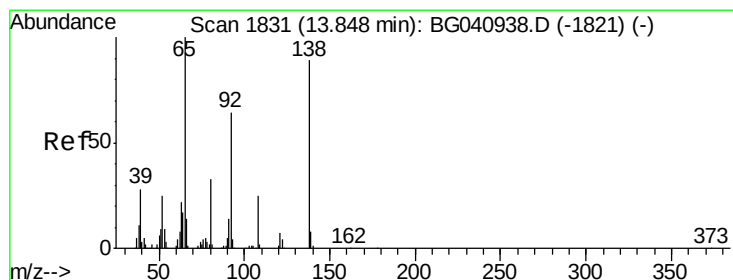
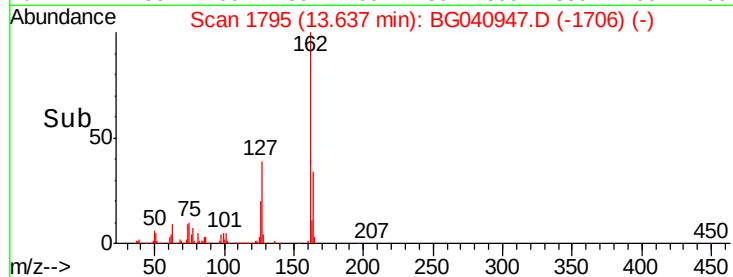
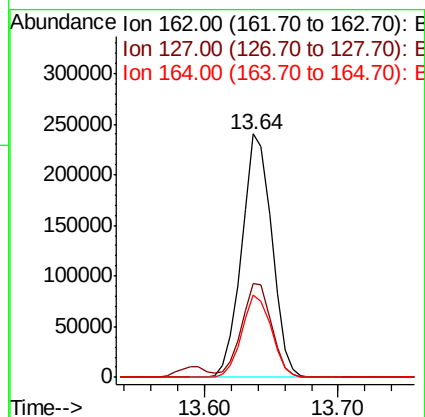
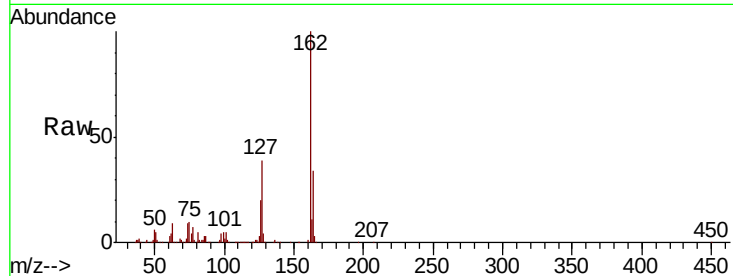




#47
 2-Chloronaphthalene
 Concen: 33.388 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG040947.D
 Acq: 30 May 2019 11:57

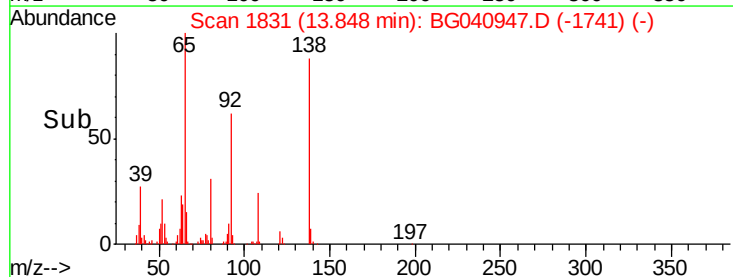
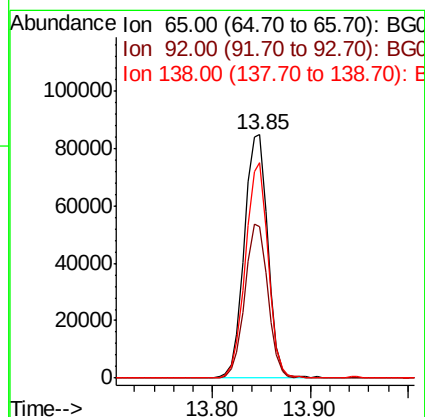
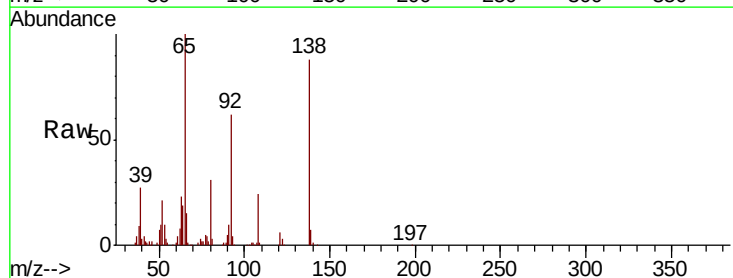
Instrument :
 BNA_G
 ClientSampleId :
 PB119943BSD

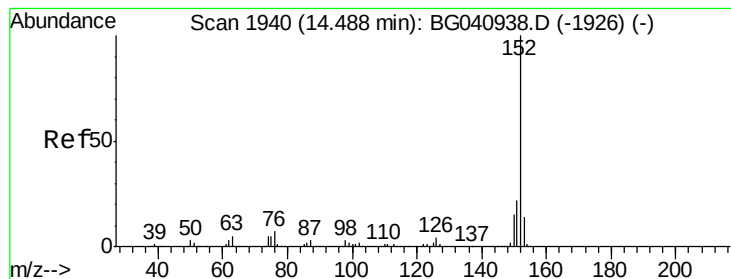
Tot Ion:162 Resp: 373110
 Ion Ratio Lower Upper
 162 100
 127 38.5 30.5 45.7
 164 33.7 25.8 38.6



#48
 2-Nitroaniline
 Concen: 35.680 ng
 RT: 13.85 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BG040947.D
 Acq: 30 May 2019 11:57

Tgt Ion: 65 Resp: 143042
 Ion Ratio Lower Upper
 65 100
 92 62.3 51.0 76.6
 138 88.4 71.2 106.8





#49

Acenaphthylene

Concen: 35.405 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

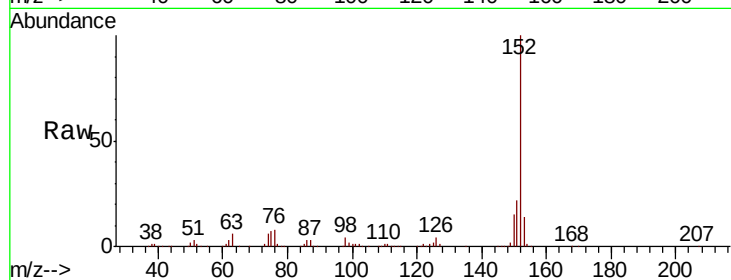
Tot Ion:152 Resp: 595471

Ion Ratio Lower Upper

152 100

151 21.8 17.4 26.0

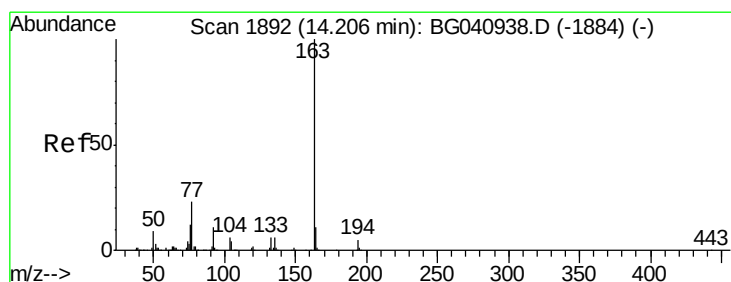
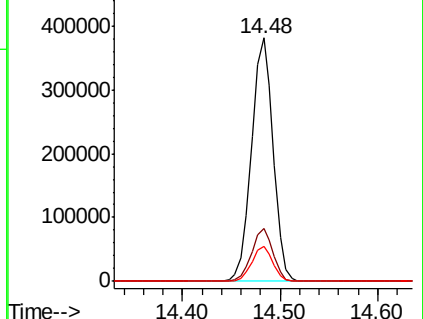
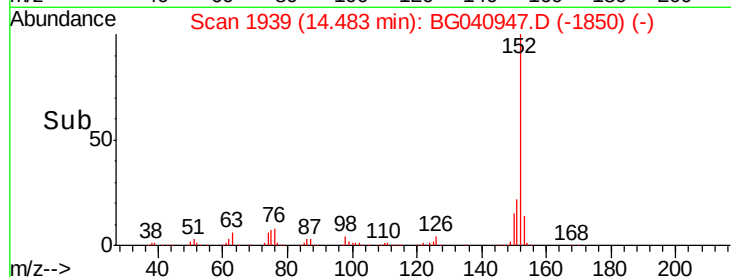
153 14.2 11.0 16.4



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: 34.441 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

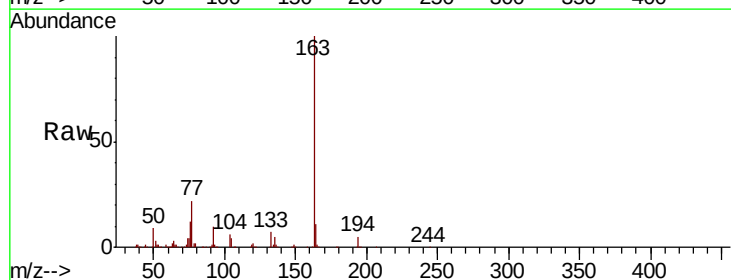
Tgt Ion:163 Resp: 512698

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.8

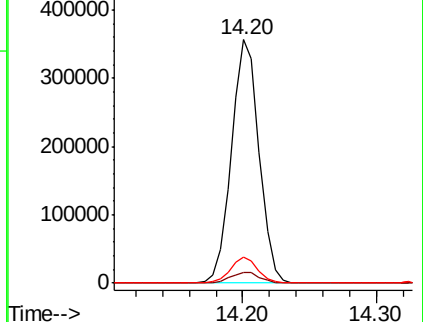
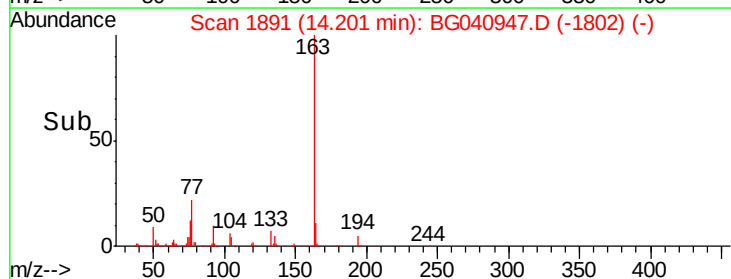
164 10.6 8.7 13.1

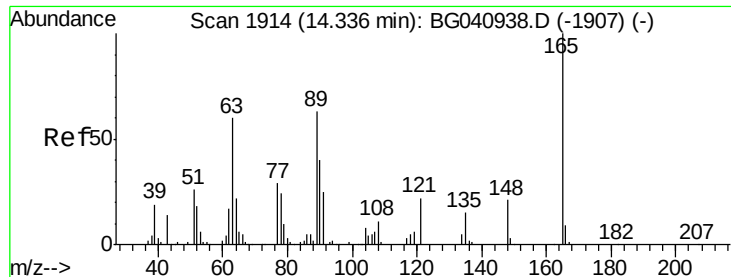


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 35.780 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

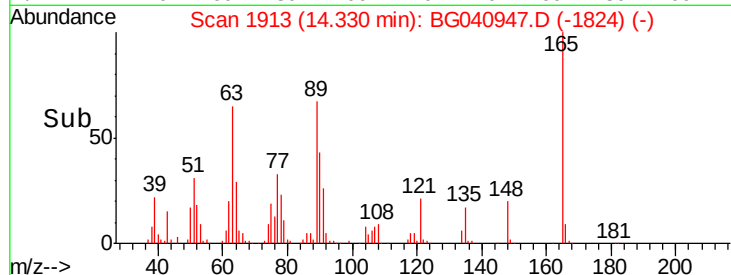
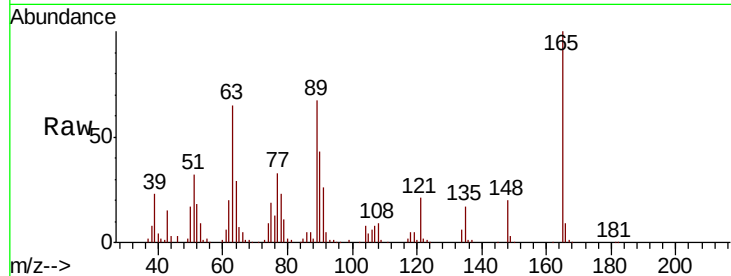
Tot Ion:165 Resp: 114839

Ion Ratio Lower Upper

165 100

63 65.4 53.6 80.4

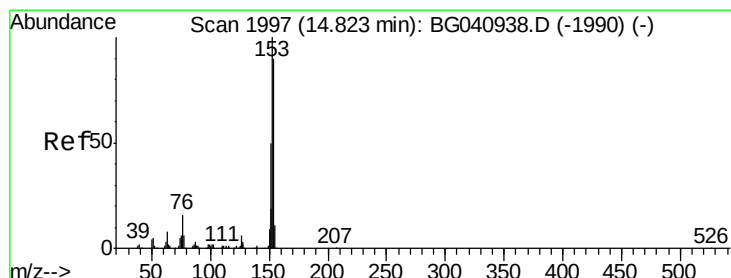
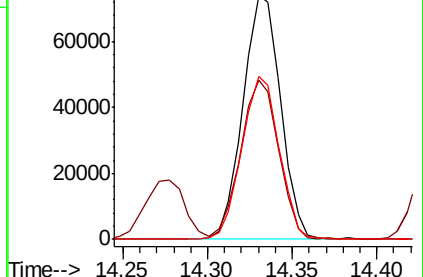
89 67.1 50.4 75.6



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



#52

Acenaphthene

Concen: 34.346 ng

RT: 14.82 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

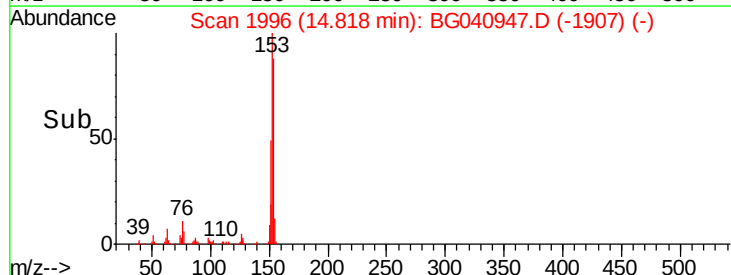
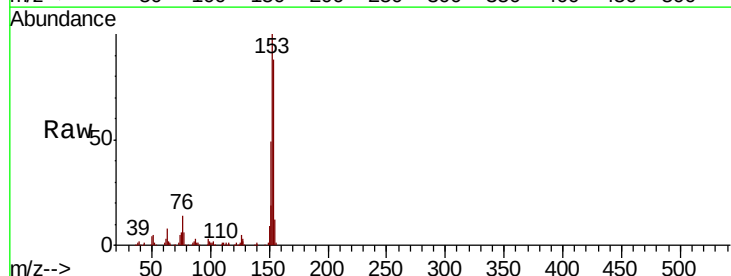
Tgt Ion:154 Resp: 349952

Ion Ratio Lower Upper

154 100

153 114.1 88.6 133.0

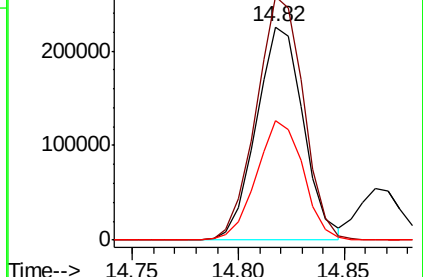
152 56.1 44.2 66.4

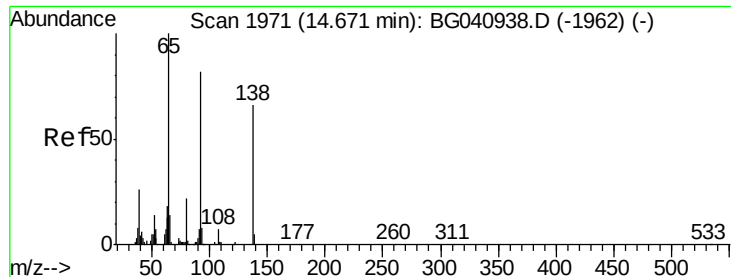


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 24.546 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

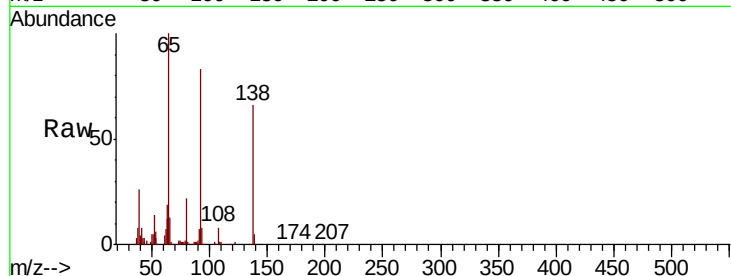
Tot Ion:138 Resp: 78781

Ion Ratio Lower Upper

138 100

108 12.9 8.5 12.7#

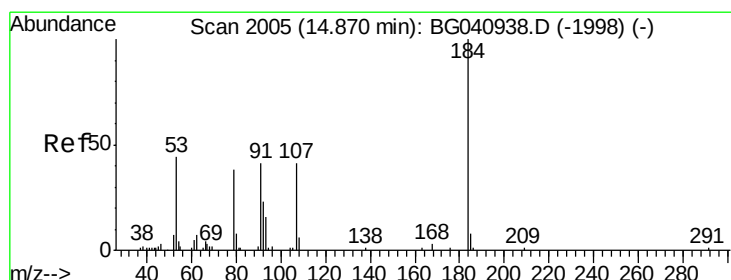
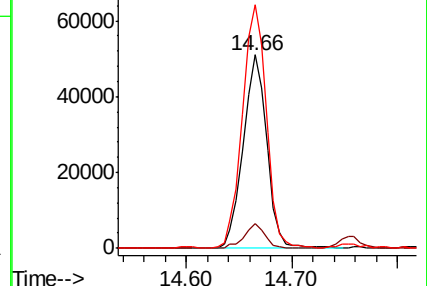
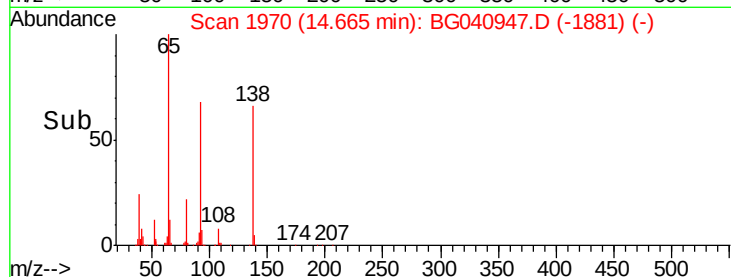
92 125.8 99.0 148.6



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: 76.982 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

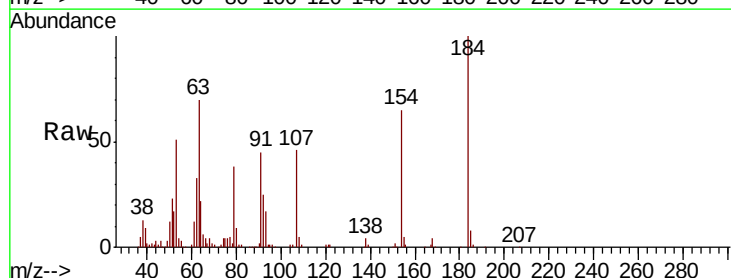
Tgt Ion:184 Resp: 126579

Ion Ratio Lower Upper

184 100

63 70.1 49.8 74.6

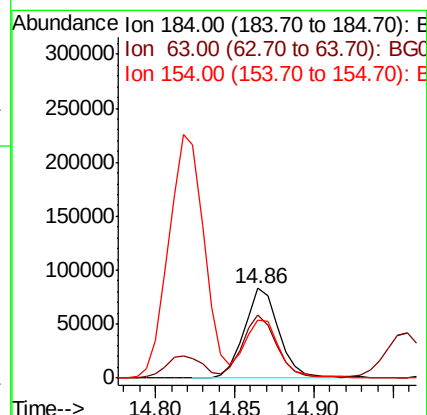
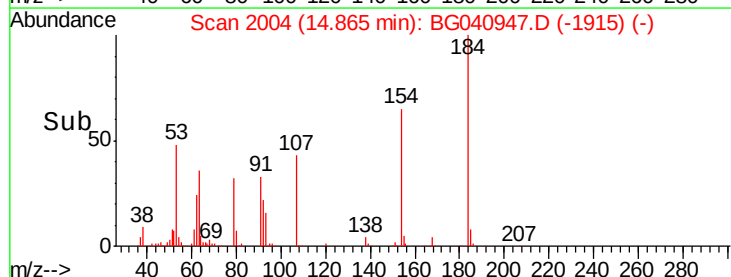
154 65.3 52.2 78.4

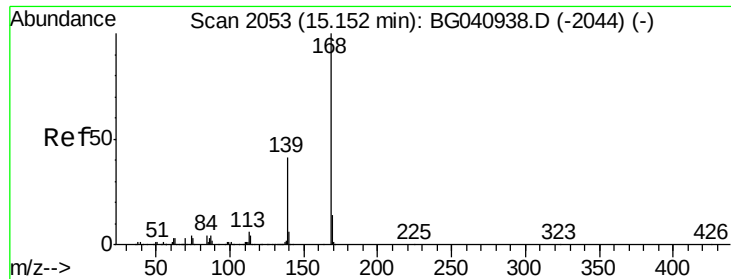


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 35.525 ng

RT: 15.15 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

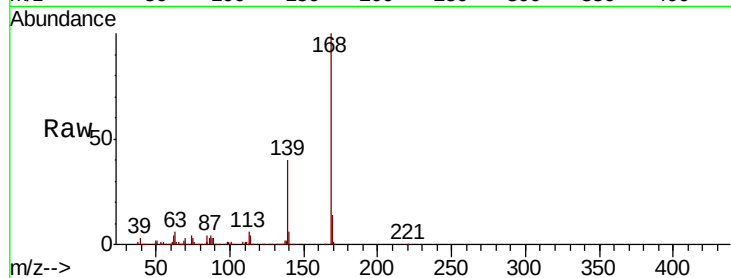
Tot Ion:168 Resp: 609050

Ion Ratio Lower Upper

168 100

139 40.4 32.8 49.2

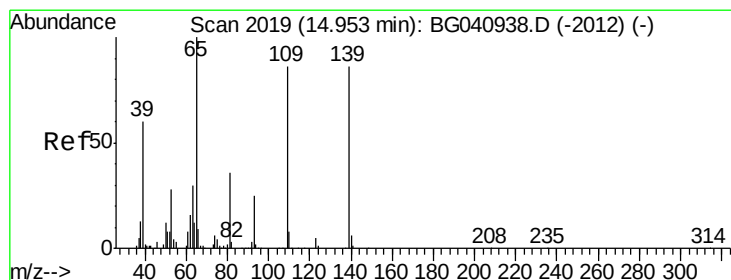
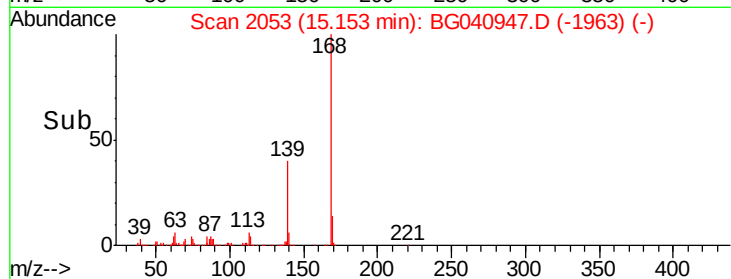
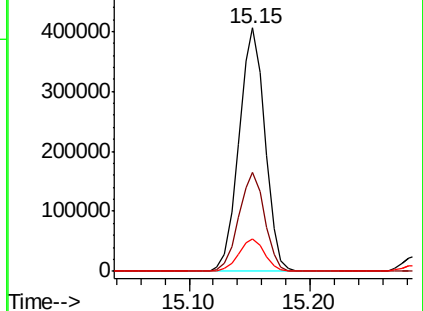
169 13.5 11.3 16.9



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: 80.733 ng

RT: 14.96 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

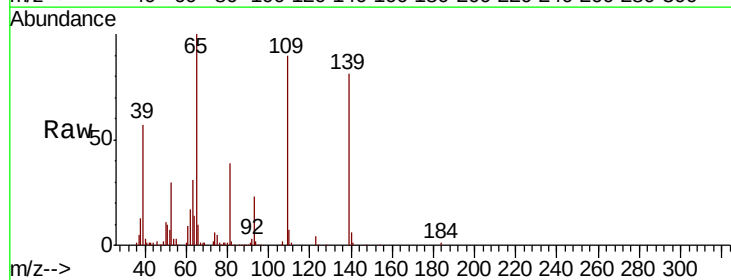
Tgt Ion:139 Resp: 177727

Ion Ratio Lower Upper

139 100

109 111.2 79.6 119.6

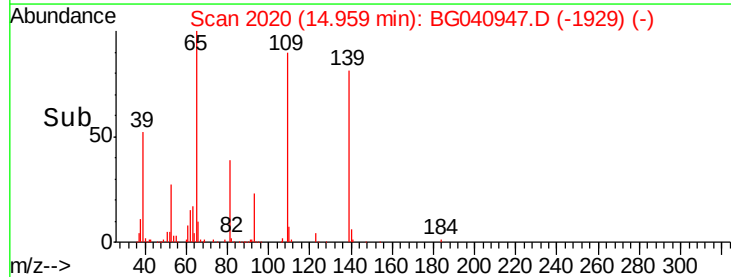
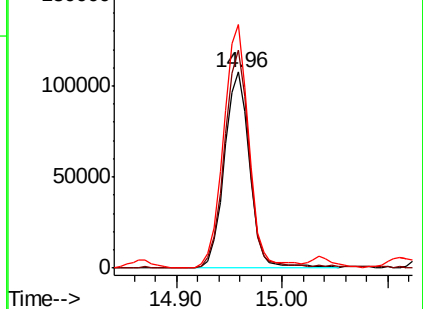
65 124.1 96.9 136.9

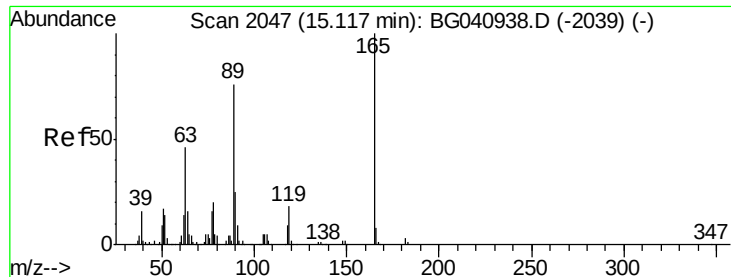


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

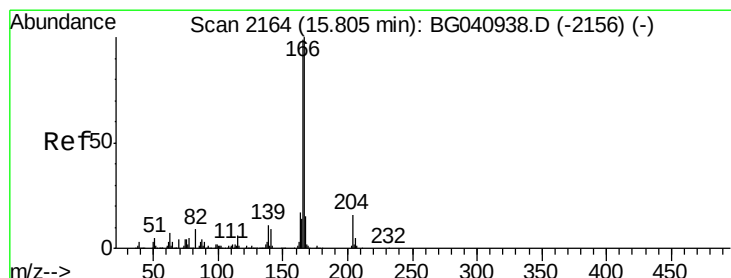
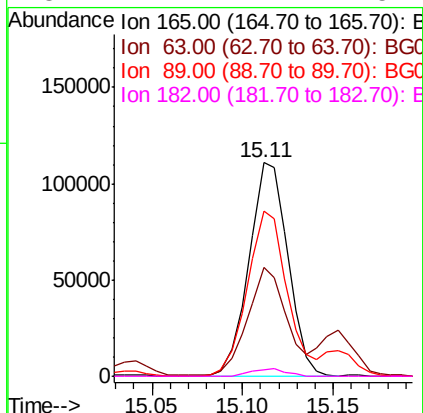
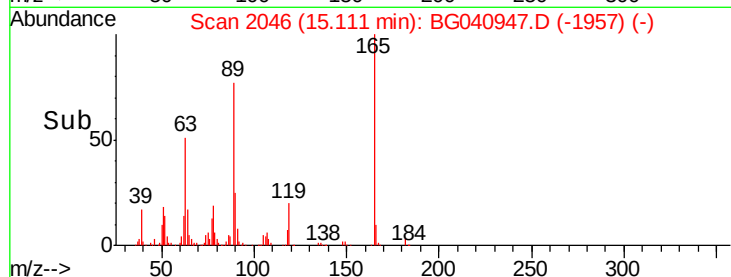
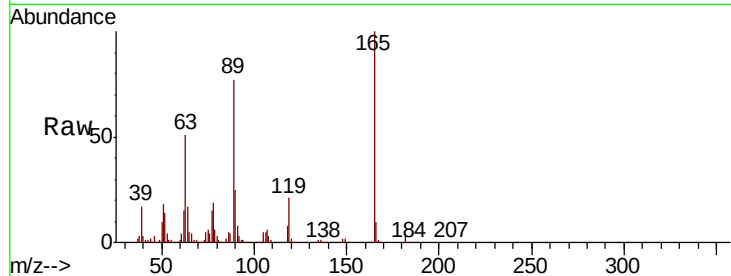




#57
 2,4-Dinitrotoluene
 Concen: 36.439 ng
 RT: 15.11 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BG040947.D
 Acq: 30 May 2019 11:57

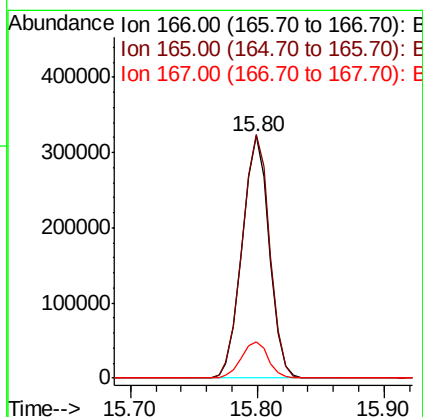
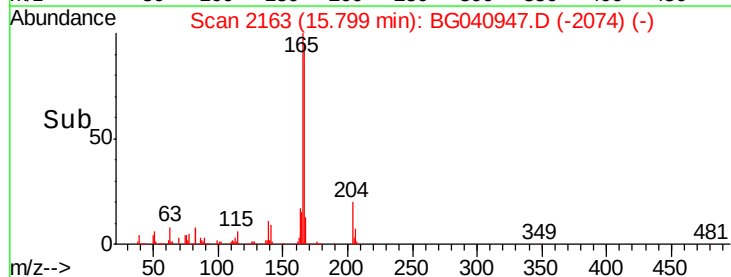
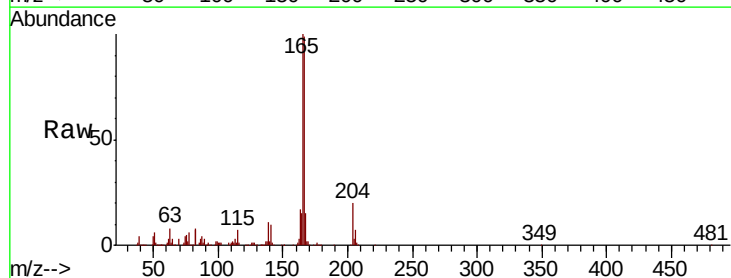
Instrument :
 BNA_G
 ClientSampleId :
 PB119943BSD

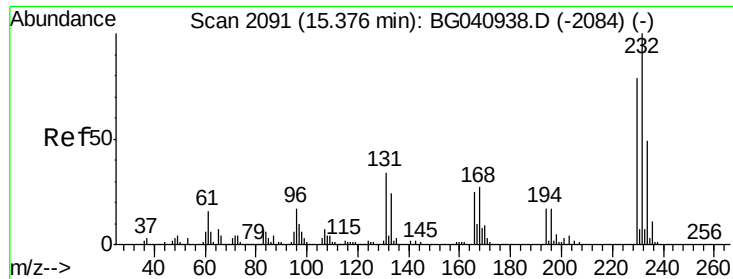
Tot Ion:165 Resp: 165209
 Ion Ratio Lower Upper
 165 100
 63 50.8 37.3 55.9
 89 77.5 61.0 91.6
 182 2.7 2.2 3.2



#58
 Fluorene
 Concen: 34.871 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG040947.D
 Acq: 30 May 2019 11:57

Tgt Ion:166 Resp: 476109
 Ion Ratio Lower Upper
 166 100
 165 100.6 79.2 118.8
 167 14.9 11.8 17.6

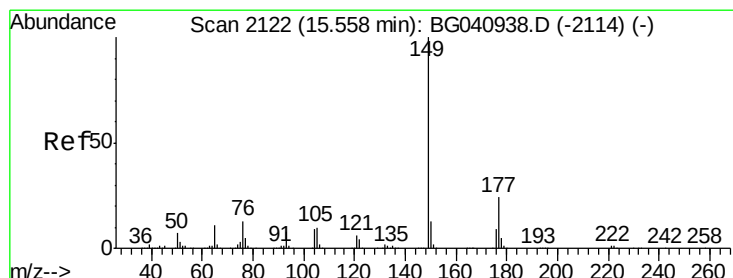
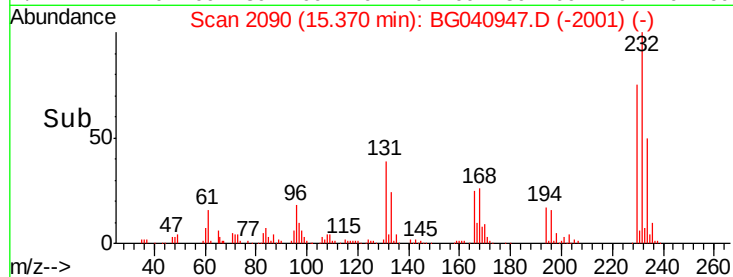
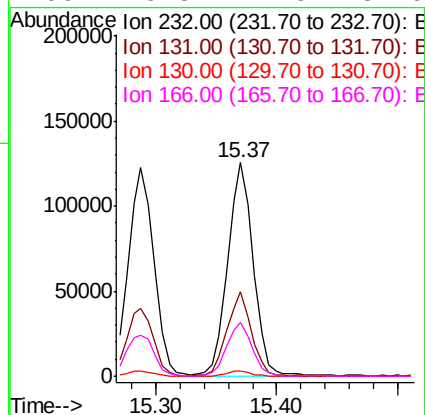
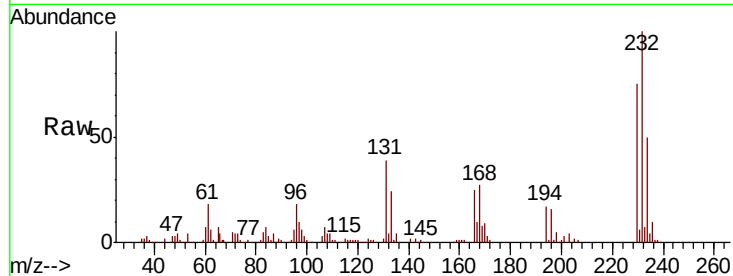




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.435 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG040947.D
 Acq: 30 May 2019 11:57

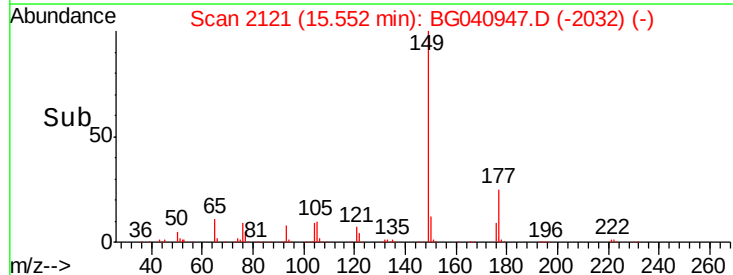
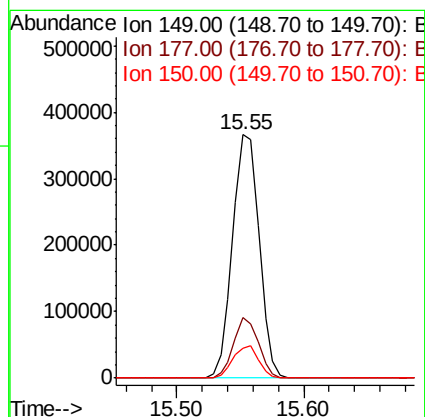
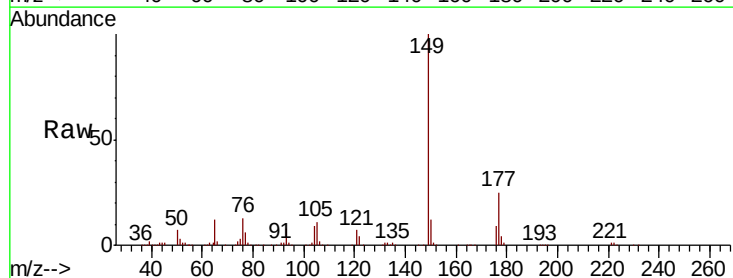
Instrument :
 BNA_G
 ClientSampleId :
 PB119943BSD

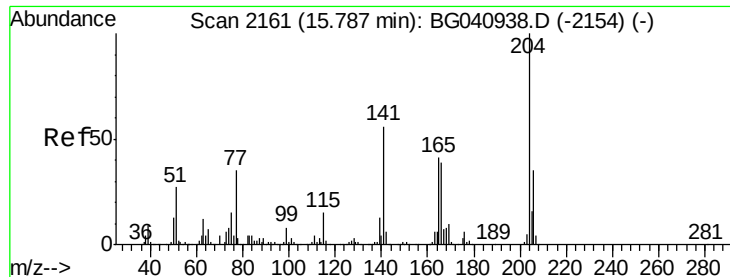
Tot Ion:	232	Resp:	182657
Ion	Ratio	Lower	Upper
232	100		
131	37.7	30.3	45.5
130	2.4	1.8	2.8
166	25.3	21.3	31.9



#60
 Diethylphthalate
 Concen: 34.886 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG040947.D
 Acq: 30 May 2019 11:57

Tgt Ion:	149	Resp:	529976
Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.4	29.0
150	12.4	10.3	15.5





#61

4-Chlorophenyl-phenylether

Concen: 34.555 ng

RT: 15.79 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

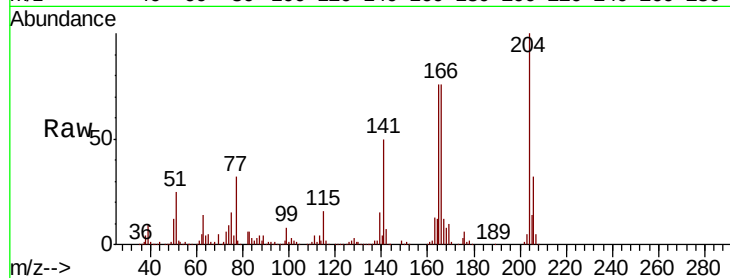
Tot Ion:204 Resp: 306659

Ion Ratio Lower Upper

204 100

206 31.7 27.6 41.4

141 50.5 45.1 67.7

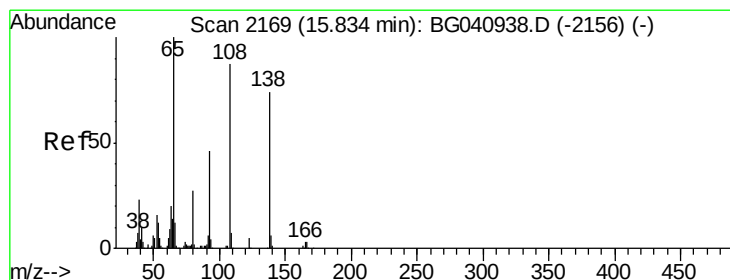
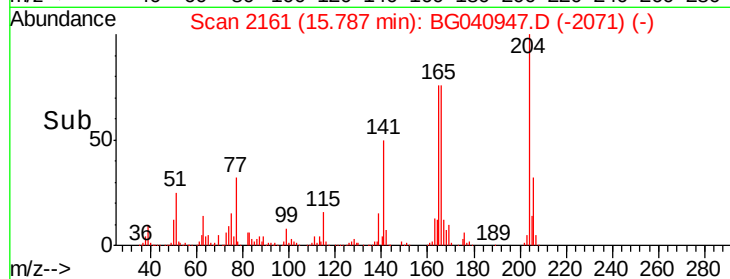
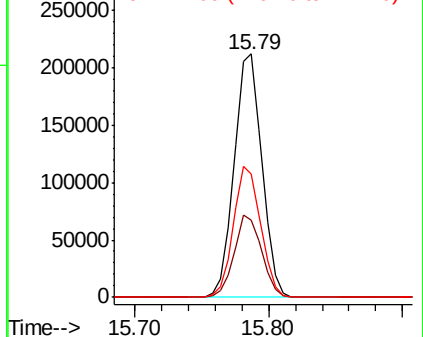


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 34.615 ng

RT: 15.83 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

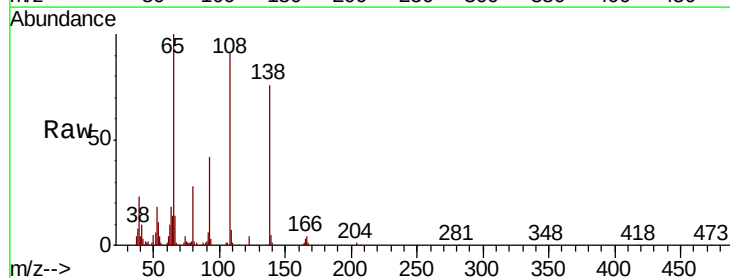
Tgt Ion:138 Resp: 117615

Ion Ratio Lower Upper

138 100

92 55.4 42.4 82.4

108 119.3 96.9 136.9

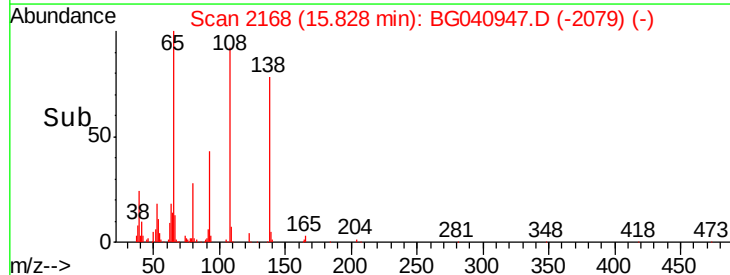
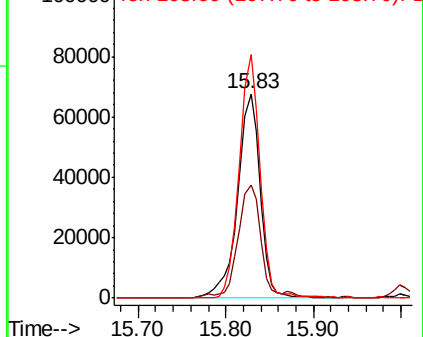


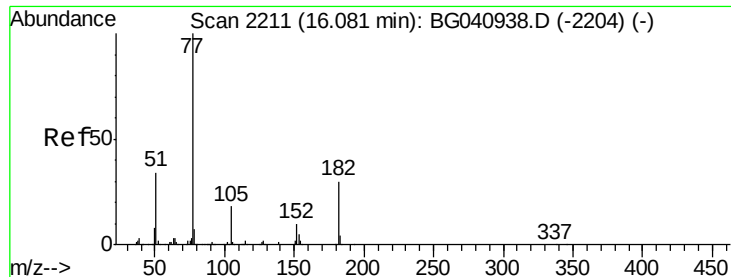
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

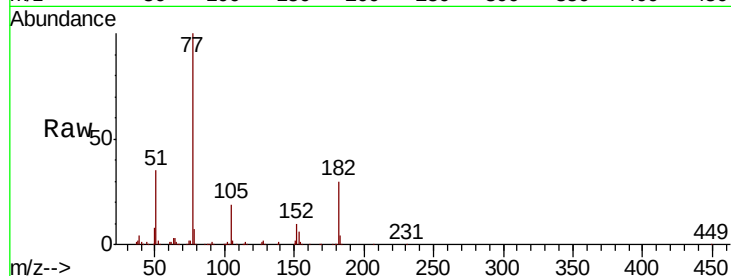




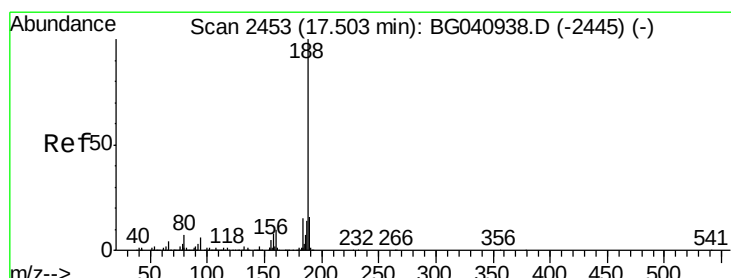
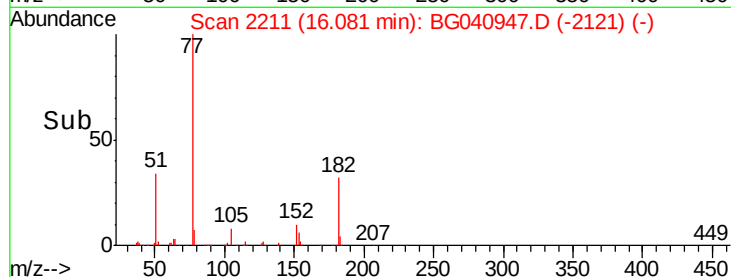
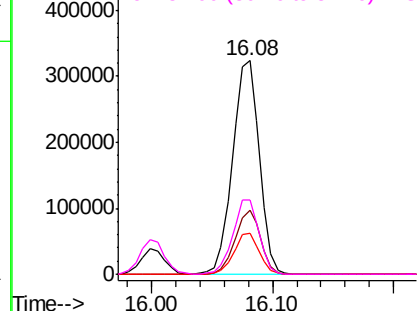
#63
Azobenzene
Concen: 35.937 ng
RT: 16.08 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion:	77	Resp:	496211
Ion	Ratio	Lower	Upper
77	100		
182	30.3	9.6	49.6
105	19.1	0.0	37.5
51	34.8	13.7	53.7

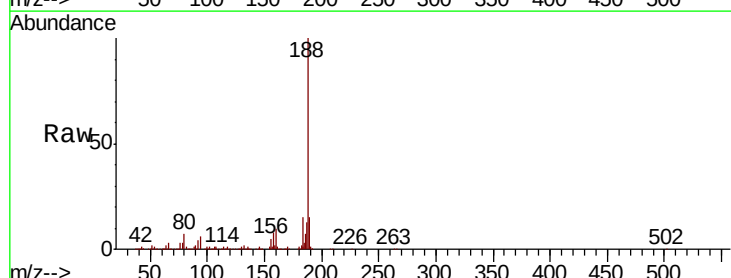


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

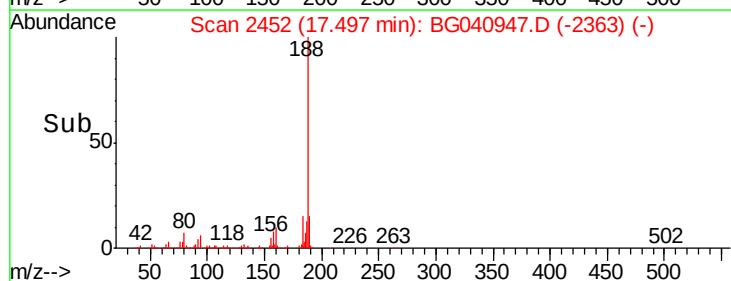
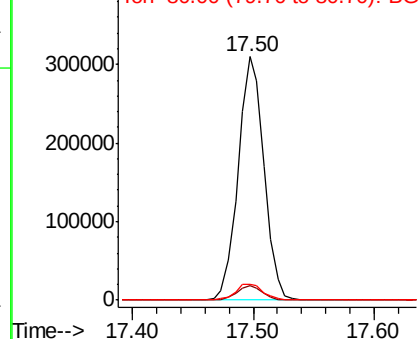


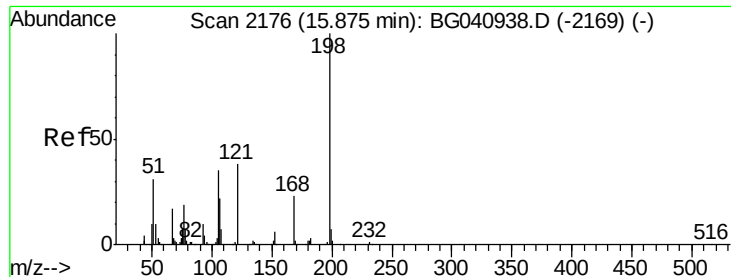
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

Tgt Ion:	188	Resp:	460302
Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.7	7.1
80	6.6	5.8	8.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 40.838 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

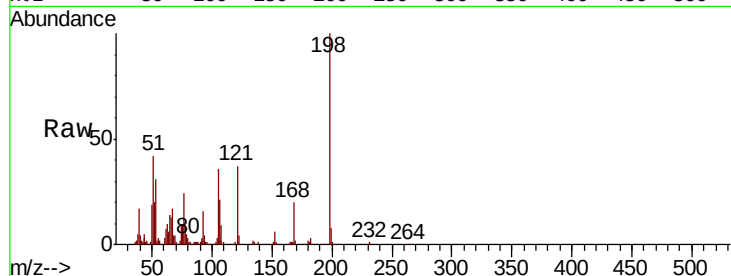
Tot Ion:198 Resp: 96880

Ion Ratio Lower Upper

198 100

51 42.4 21.6 61.6

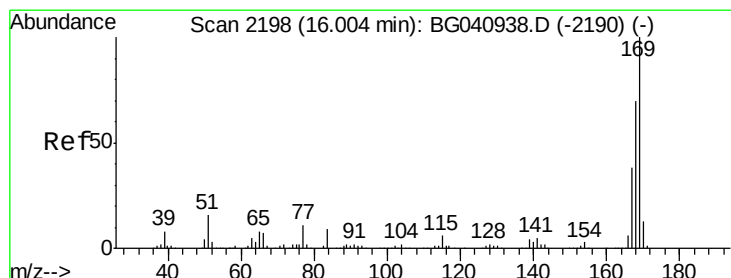
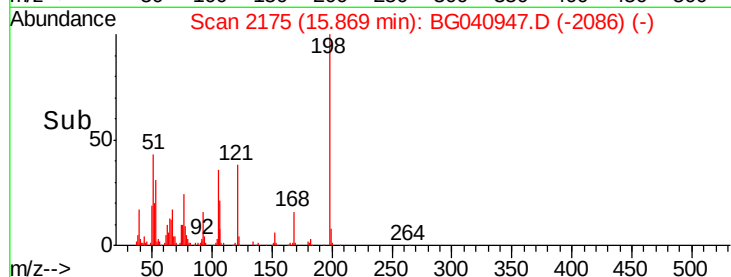
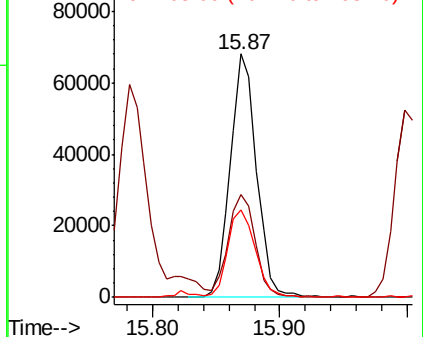
105 36.1 17.5 57.5



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: 34.751 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

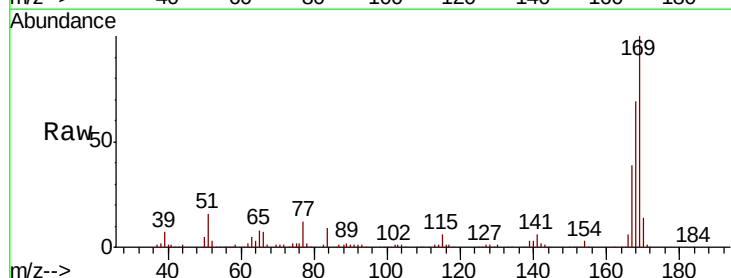
Tgt Ion:169 Resp: 449668

Ion Ratio Lower Upper

169 100

168 69.1 55.7 83.5

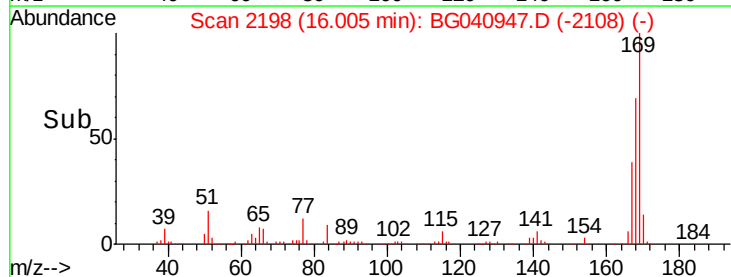
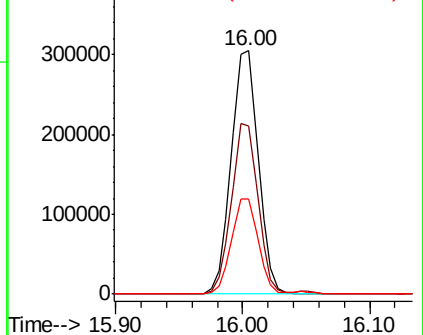
167 38.9 30.2 45.2

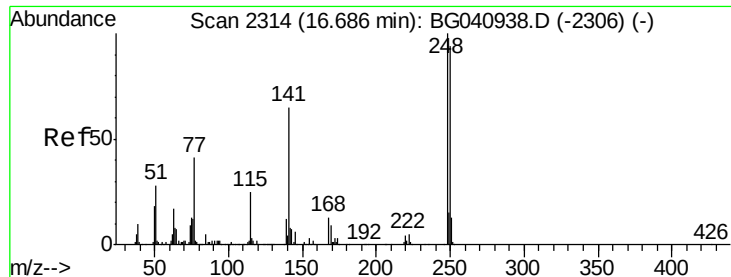


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

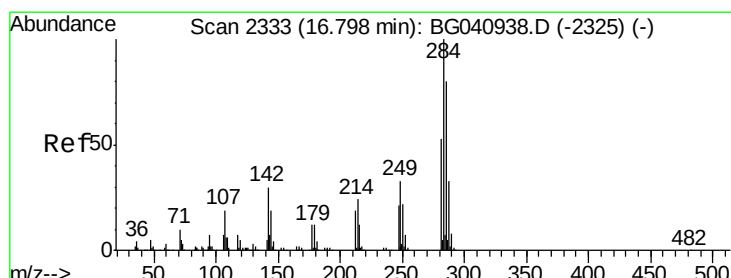
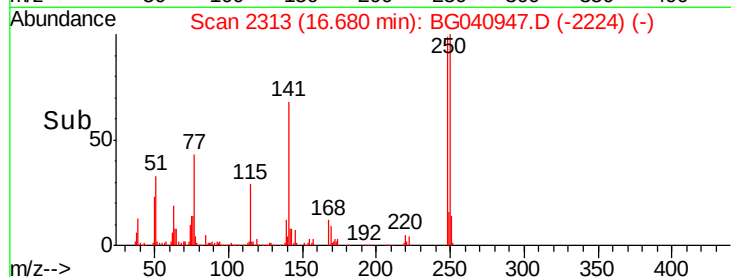
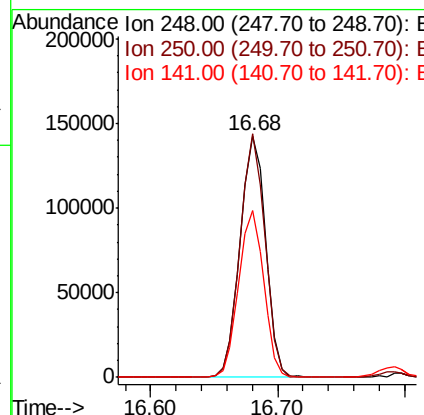
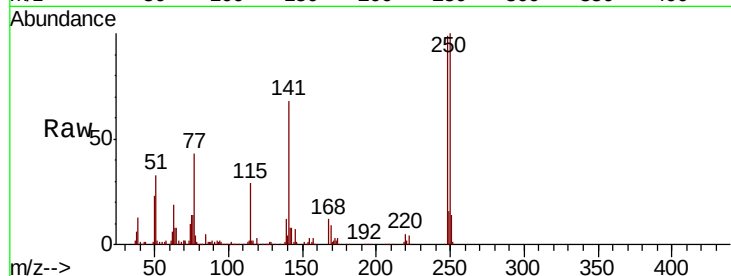




#67
4-Bromophenyl-phenylether
Concen: 32.005 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

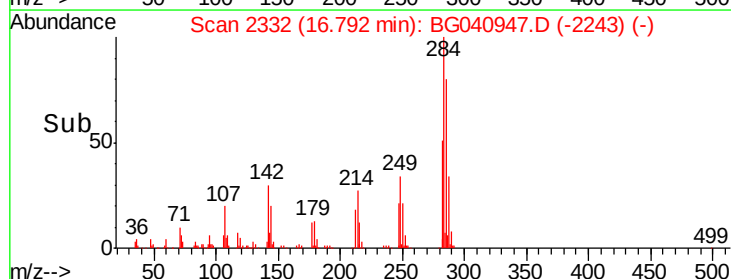
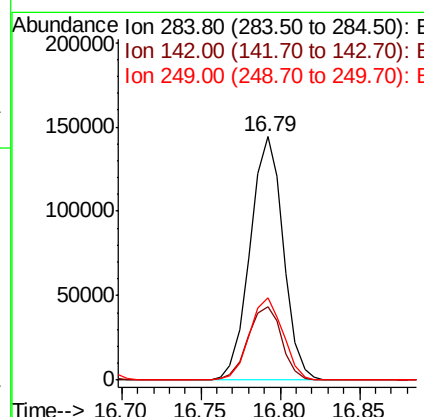
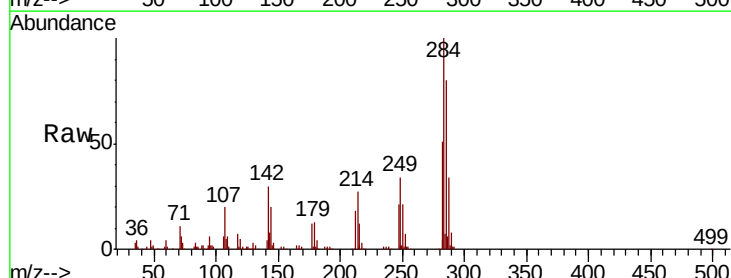
Instrument :
BNA_G
ClientSampleId :
PB119943BSD

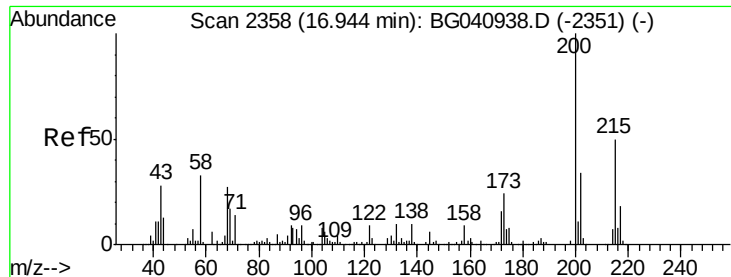
Tot Ion	Ratio	Lower	Upper
248	100		
250	101.0	75.0	112.4
141	69.0	52.4	78.6



#68
Hexachlorobenzene
Concen: 31.599 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.3	23.9	35.9
249	33.9	26.8	40.2





#69

Atrazine

Concen: 37.809 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

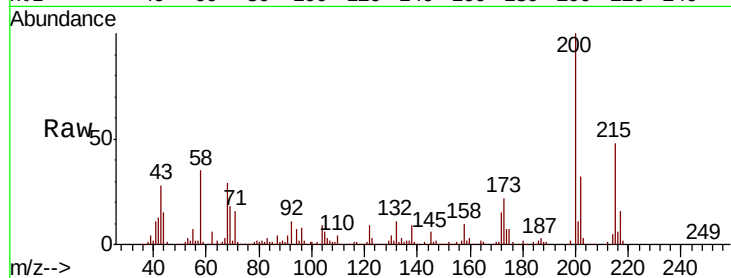
Tot Ion:200 Resp: 188775

Ion Ratio Lower Upper

200 100

173 22.0 3.6 43.6

215 48.2 29.6 69.6

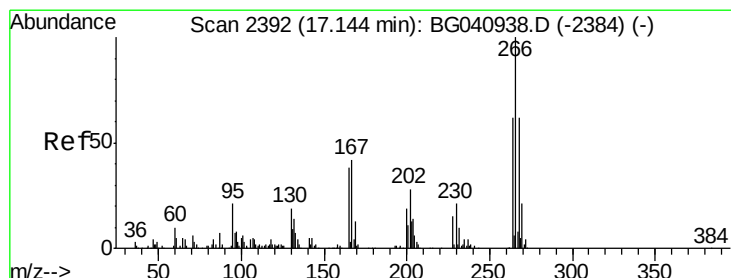
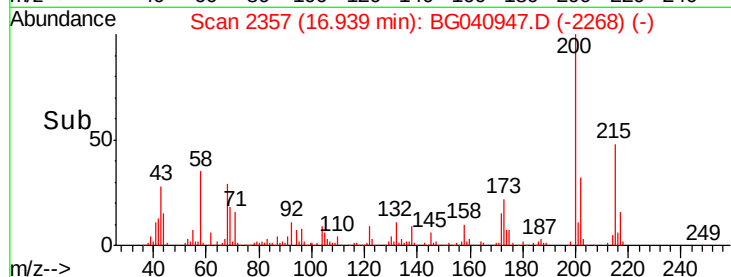
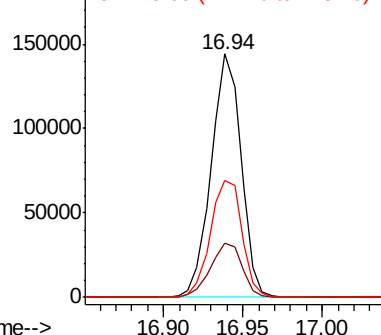


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 72.681 ng

RT: 17.14 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

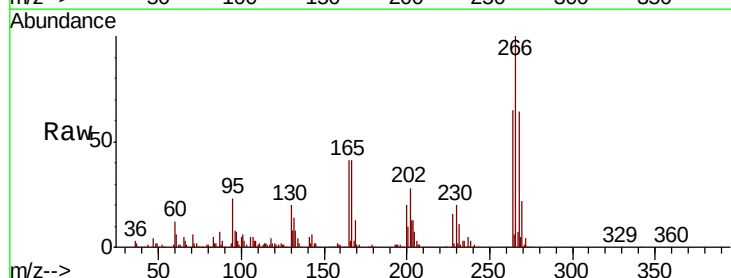
Tgt Ion:266 Resp: 256088

Ion Ratio Lower Upper

266 100

268 64.4 53.1 79.7

264 64.8 49.9 74.9

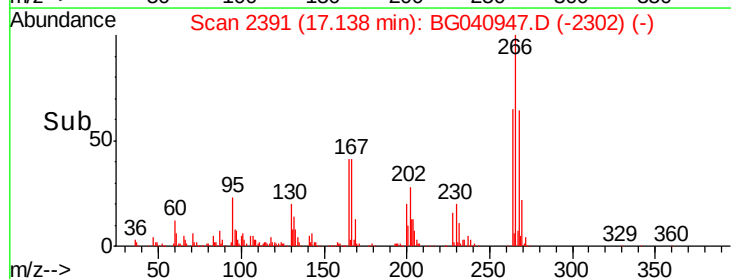
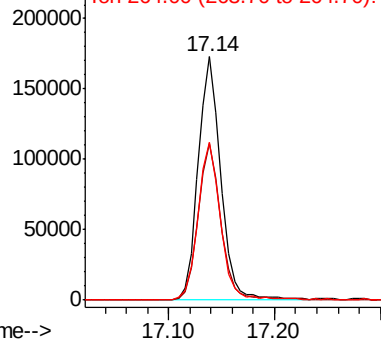


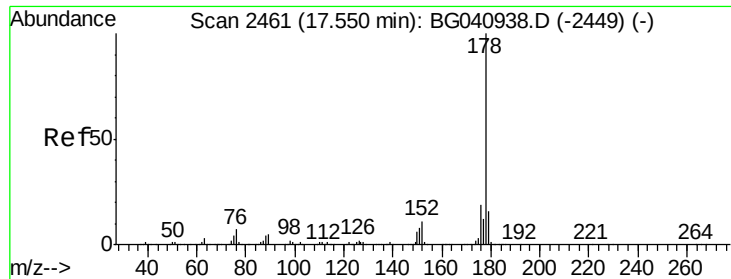
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

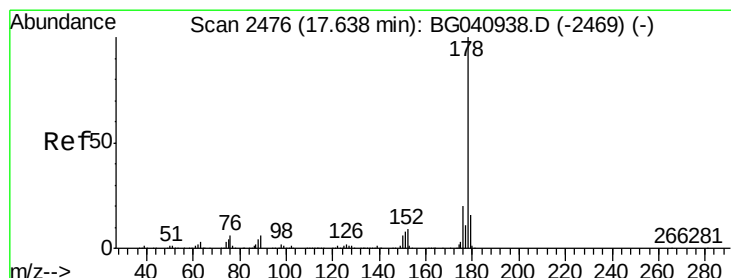
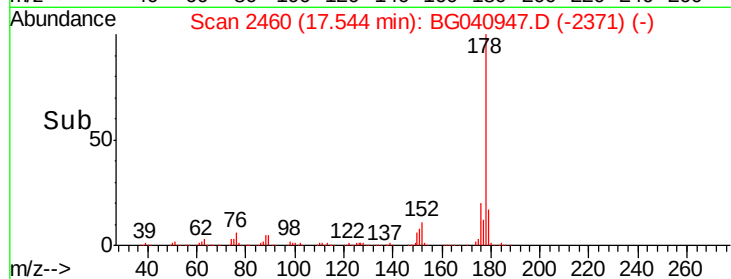
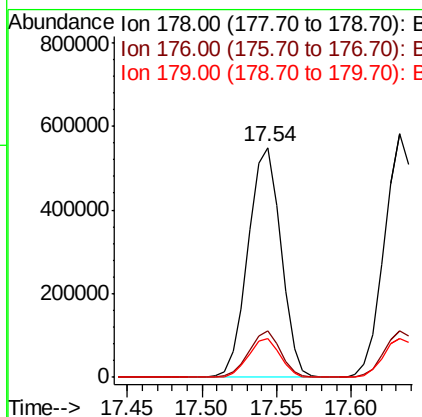
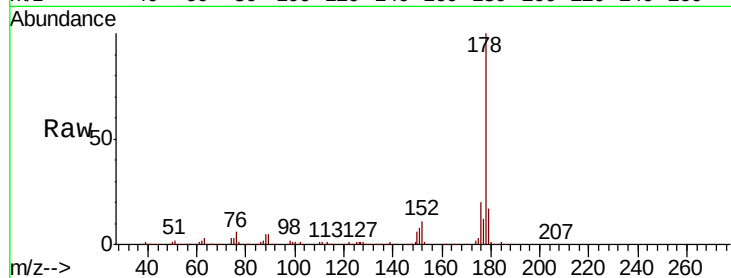




#71
Phenanthrene
Concen: 34.745 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

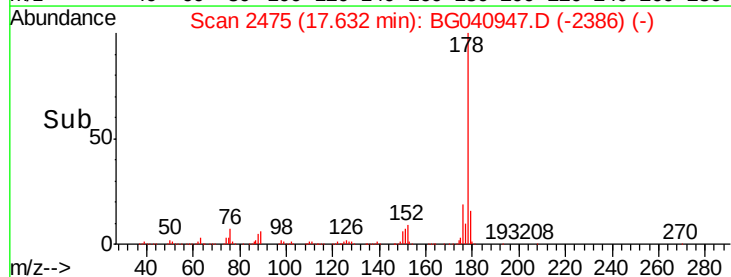
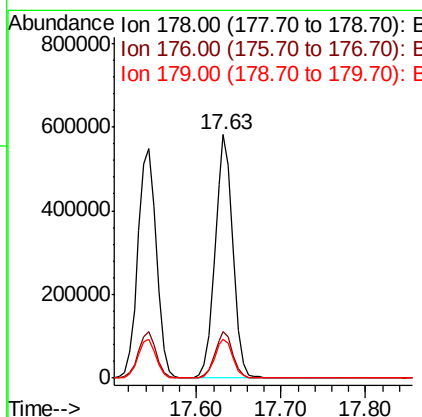
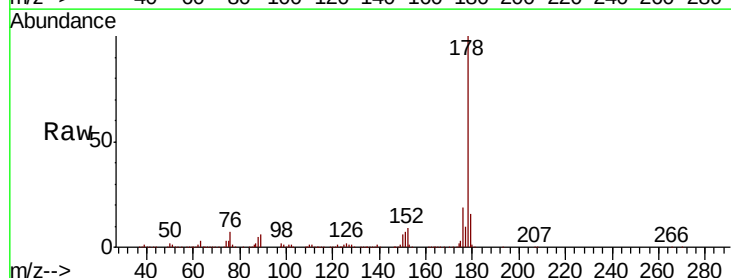
Instrument :
BNA_G
ClientSampleId :
PB119943BSD

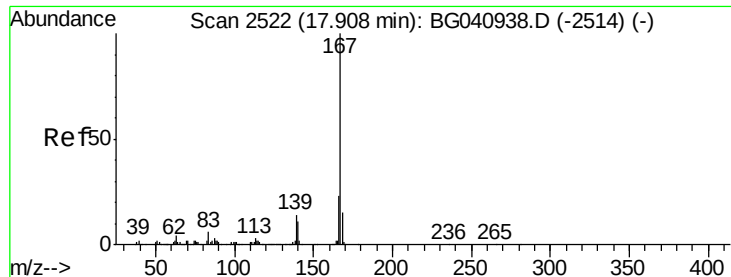
Tot Ion:178 Resp: 833070
Ion Ratio Lower Upper
178 100
176 20.2 15.5 23.3
179 17.0 12.7 19.1



#72
Anthracene
Concen: 36.307 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

Tgt Ion:178 Resp: 858548
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.9 13.0 19.4





#73

Carbazole

Concen: 36.259 ng

RT: 17.90 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

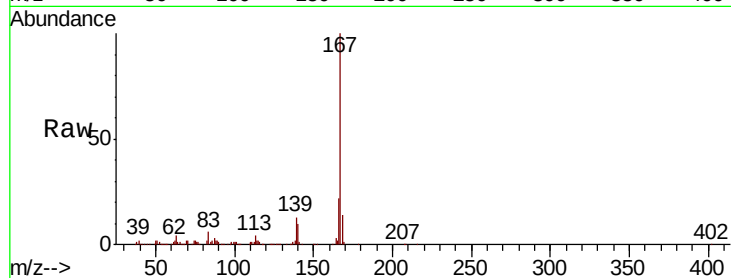
Tot Ion:167 Resp: 735710

Ion Ratio Lower Upper

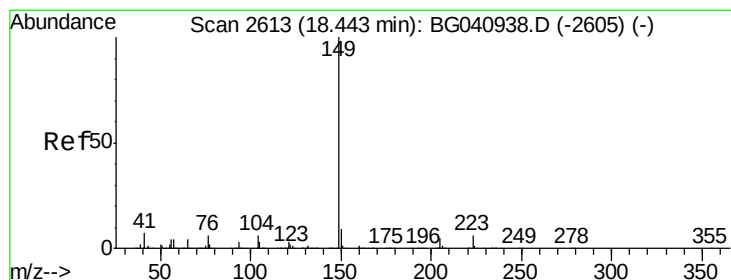
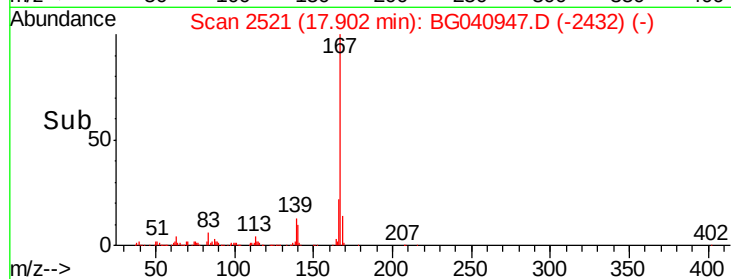
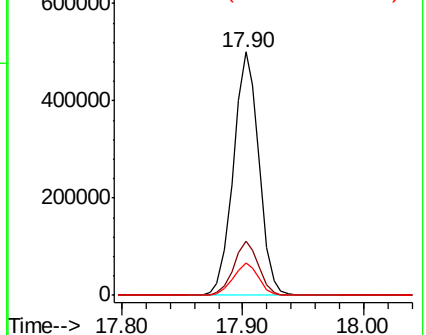
167 100

166 22.2 18.2 27.4

139 13.3 10.8 16.2



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



#74

Di-n-butylphthalate

Concen: 34.244 ng

RT: 18.44 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

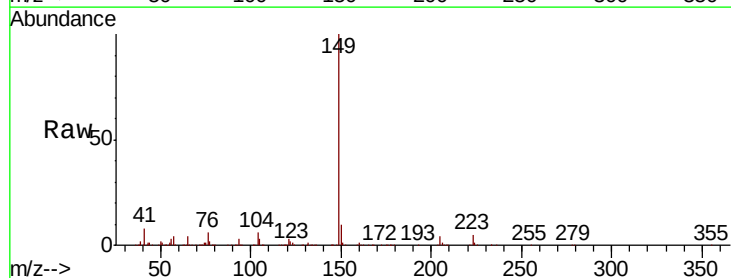
Tgt Ion:149 Resp: 863576

Ion Ratio Lower Upper

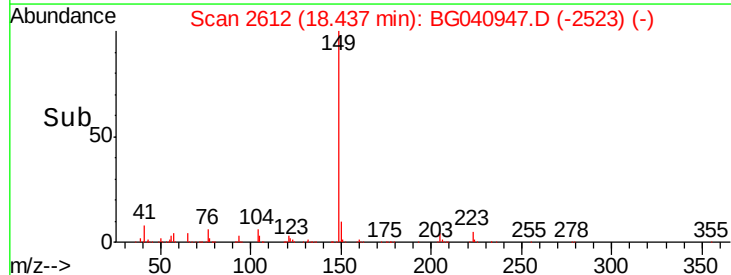
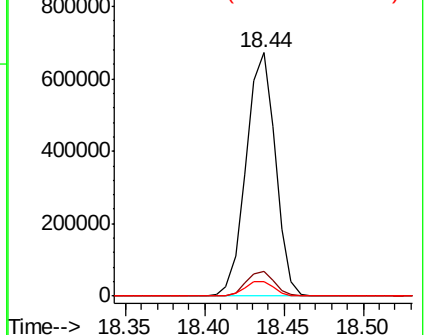
149 100

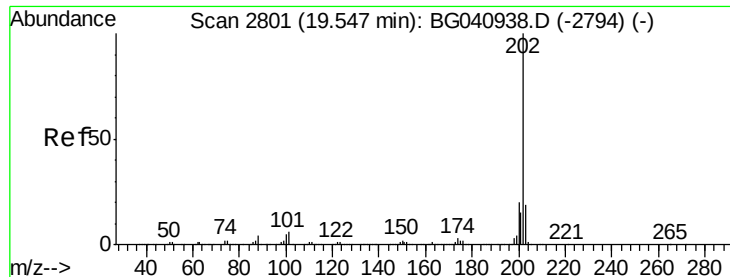
150 10.1 7.4 11.2

104 6.2 5.0 7.4



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





#75

Fluoranthene

Concen: 35.789 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

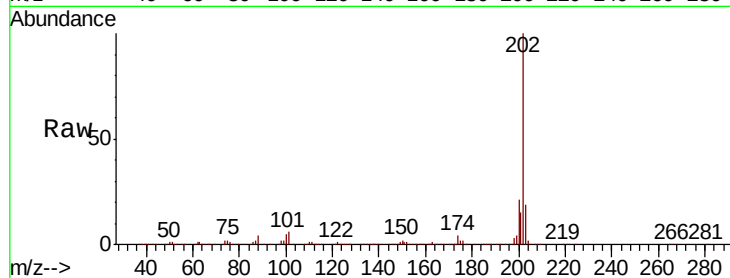
Tot Ion:202 Resp: 1059891

Ion Ratio Lower Upper

202 100

101 6.2 0.0 26.2

203 19.1 0.0 38.7

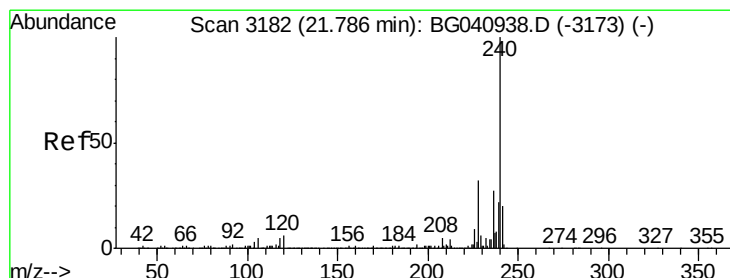
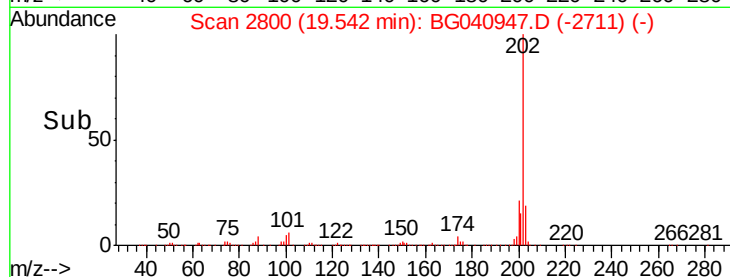
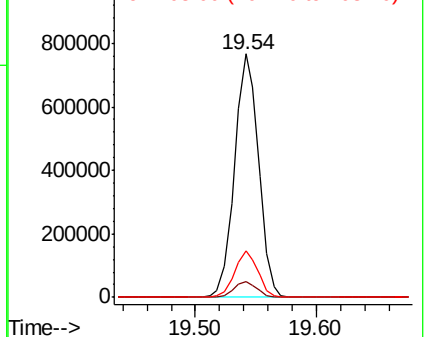


Abundance

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: BG040947.D

Acq: 30 May 2019 11:57

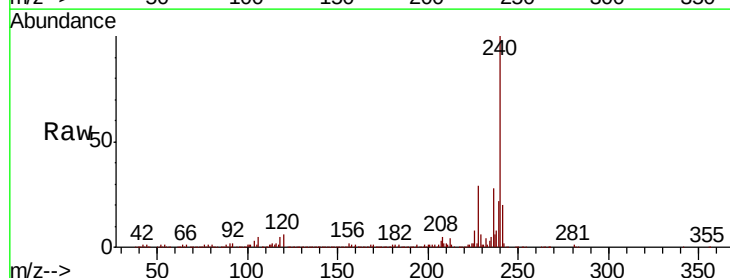
Tgt Ion:240 Resp: 447497

Ion Ratio Lower Upper

240 100

120 5.7 4.5 6.7

236 28.0 21.3 31.9

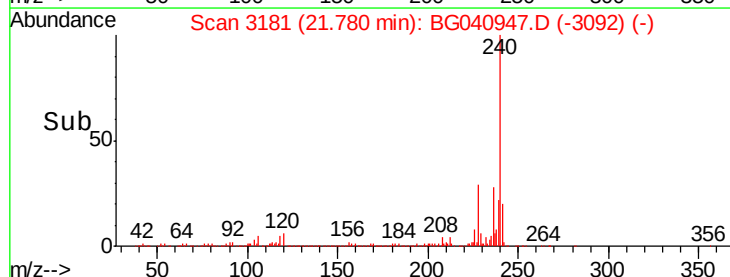
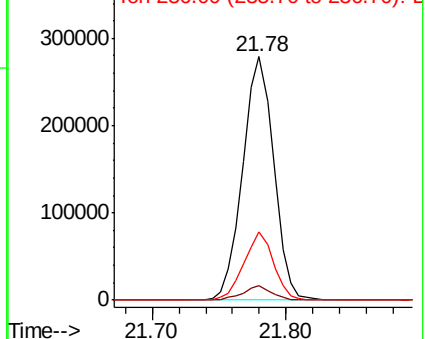


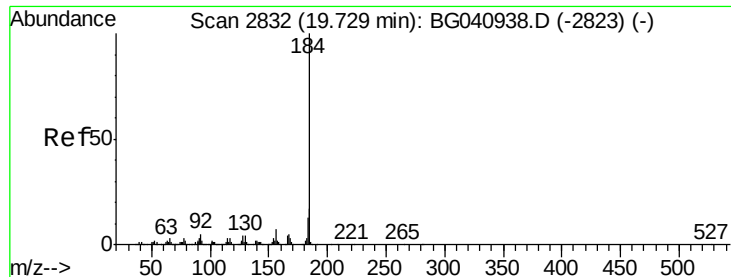
Abundance

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: 72.544 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

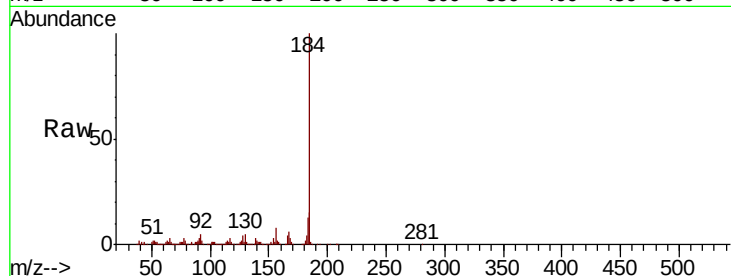
Tot Ion:184 Resp: 774416

Ion Ratio Lower Upper

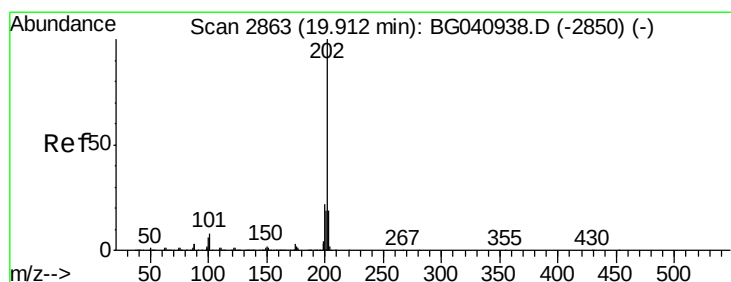
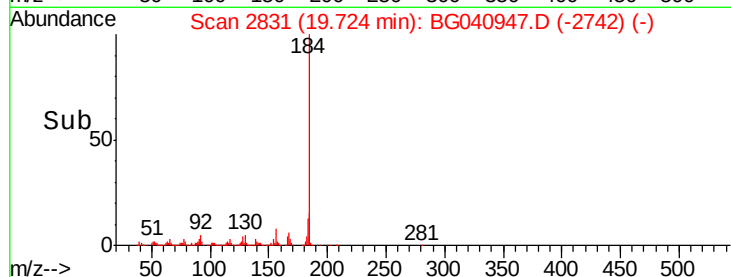
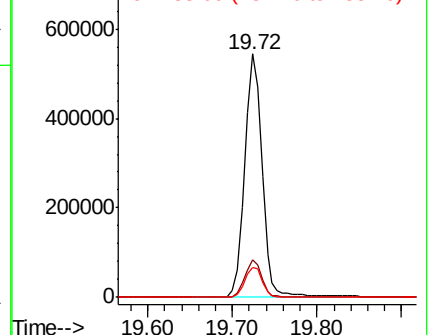
184 100

185 15.5 13.3 19.9

183 12.5 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: 36.452 ng

RT: 19.91 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

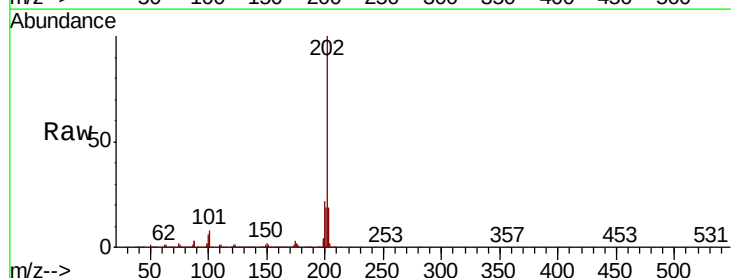
Tgt Ion:202 Resp: 1060404

Ion Ratio Lower Upper

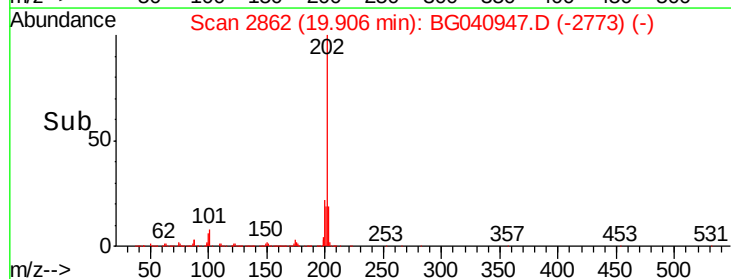
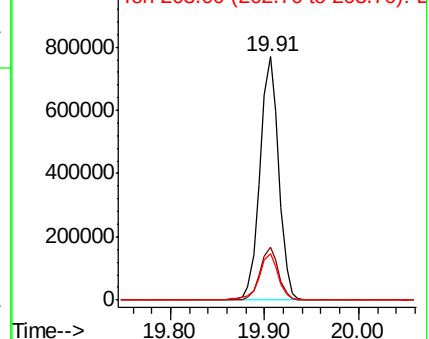
202 100

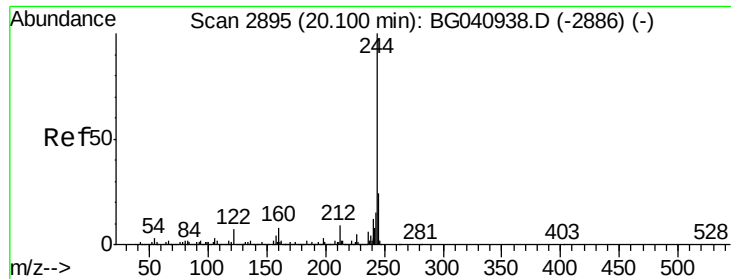
200 21.9 17.5 26.3

203 19.0 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: 84.053 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

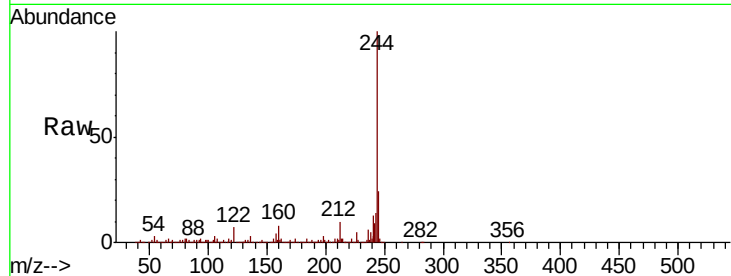
Tot Ion:244 Resp: 1772260

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.4
122	7.4	5.4	8.0

244 100

212 9.5 7.0 10.4

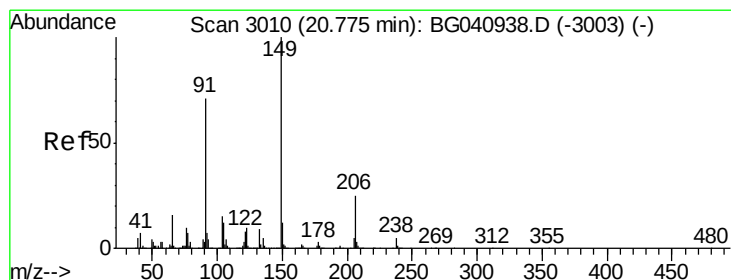
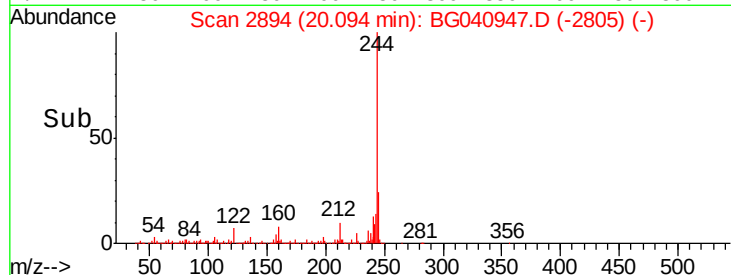
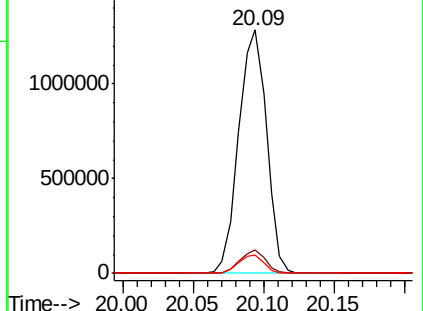
122 7.4 5.4 8.0



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: 34.946 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

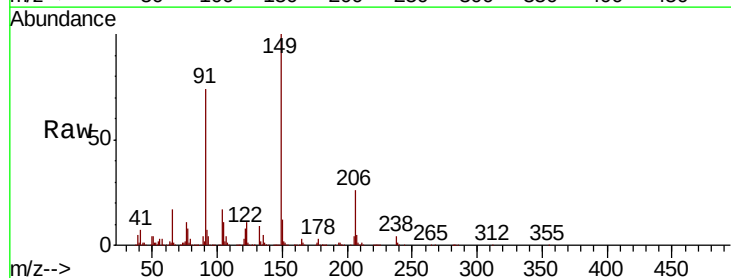
Tgt Ion:149 Resp: 395609

Ion	Ratio	Lower	Upper
149	100		
91	73.9	56.5	84.7
206	25.9	20.3	30.5

149 100

91 73.9 56.5 84.7

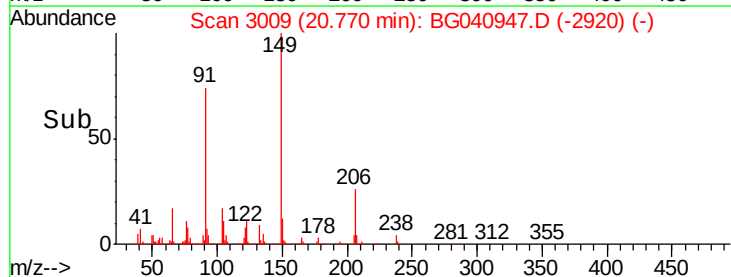
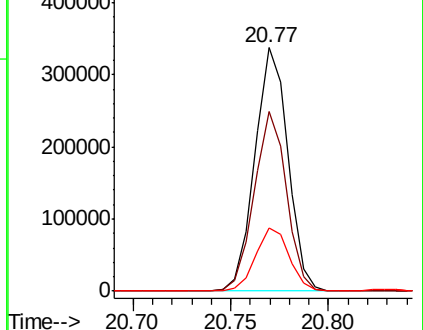
206 25.9 20.3 30.5

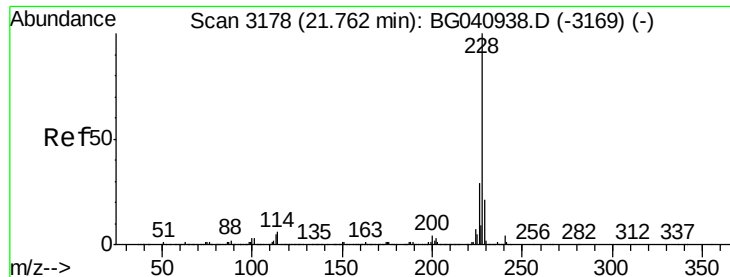


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.582 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

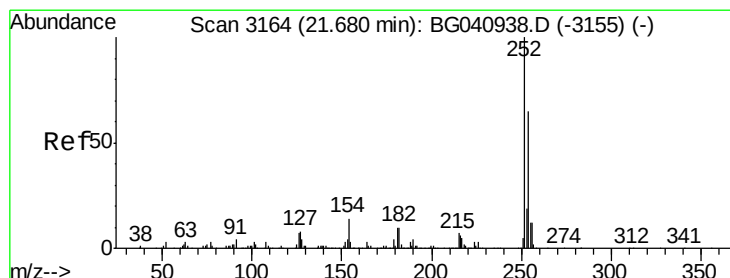
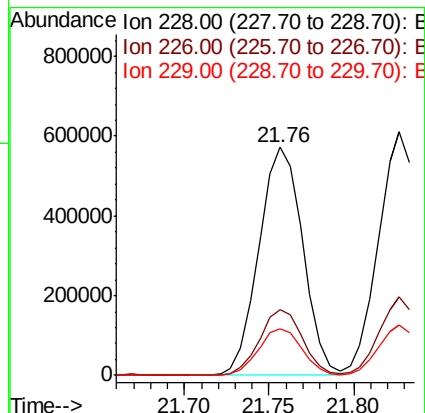
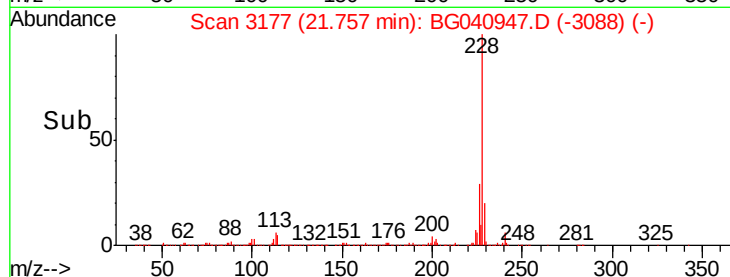
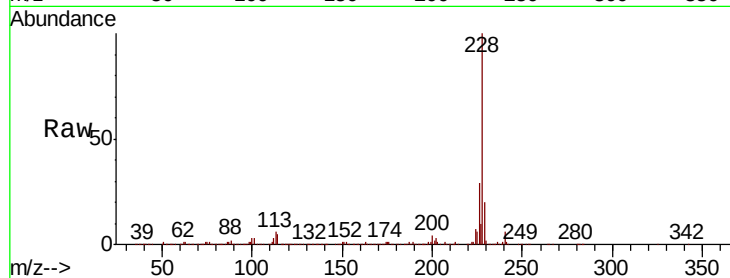
Tot Ion:228 Resp: 1030150

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.5	35.3
229	20.4	16.7	25.1

228 100

226 29.1 23.5 35.3

229 20.4 16.7 25.1



#82

3,3'-Dichlorobenzidine

Concen: 23.593 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

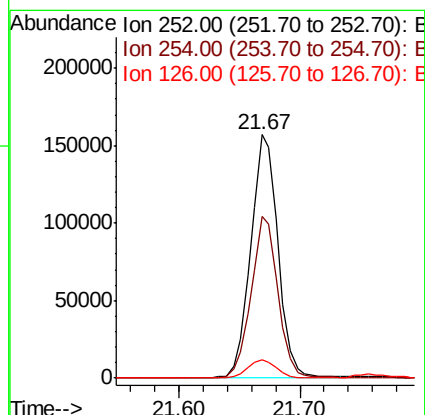
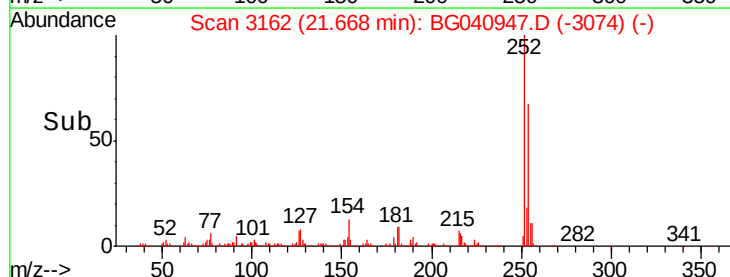
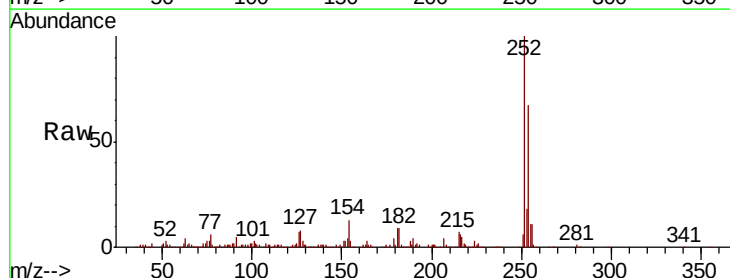
Tgt Ion:252 Resp: 247188

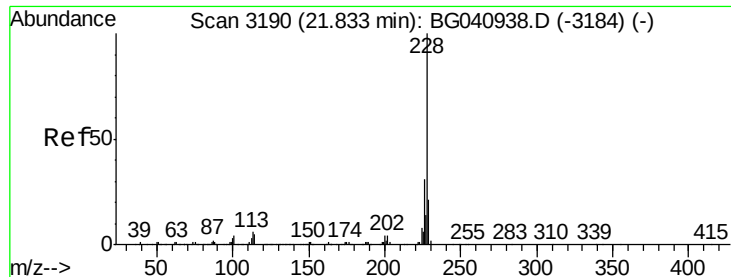
Ion	Ratio	Lower	Upper
252	100		
254	66.7	52.1	78.1
126	7.5	5.5	8.3

252 100

254 66.7 52.1 78.1

126 7.5 5.5 8.3





#83

Chrysene

Concen: 35.631 ng

RT: 21.83 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

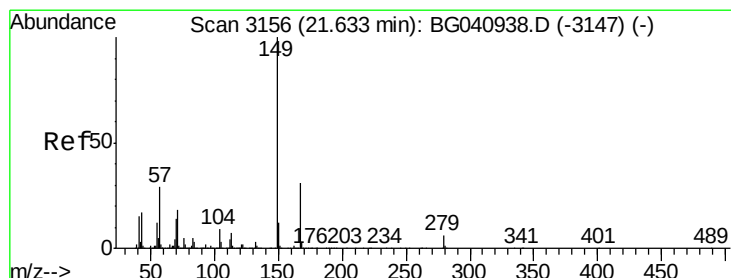
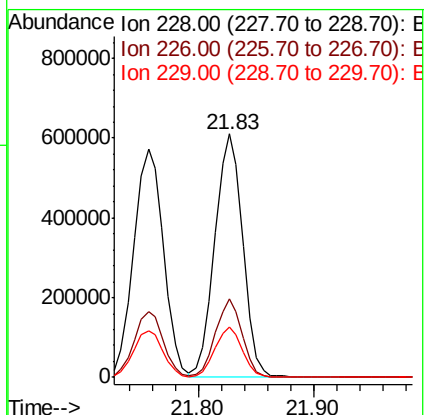
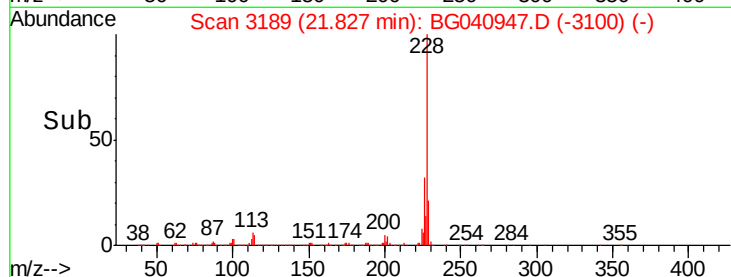
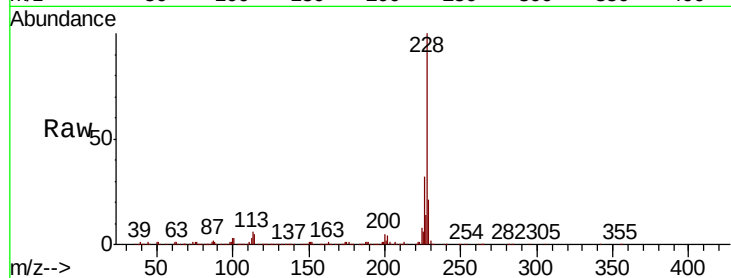
Tot Ion:228 Resp: 1015689

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.6	37.0
229	20.9	16.6	24.8

228 100

226 32.4 24.6 37.0

229 20.9 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.189 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

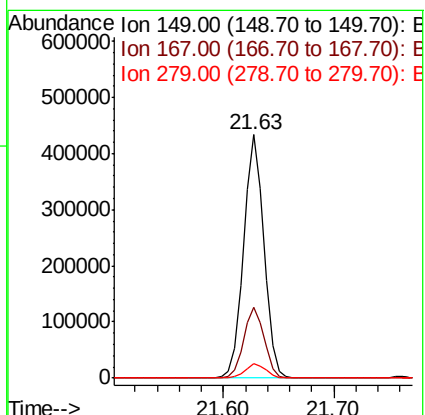
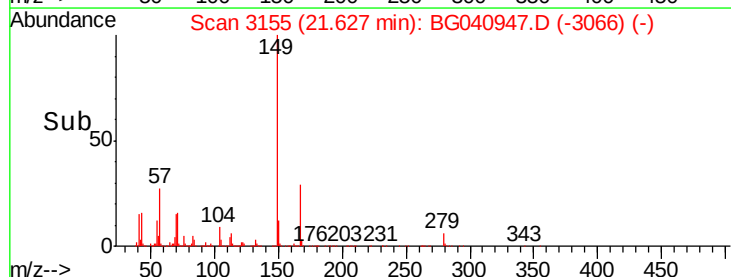
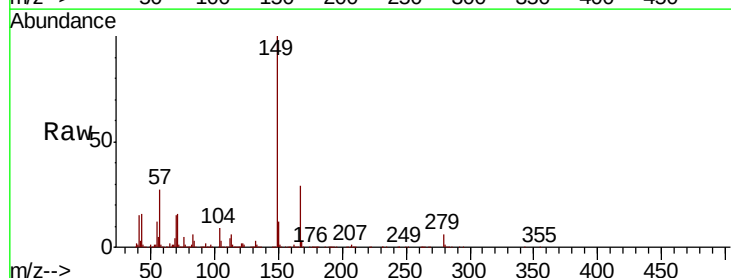
Tgt Ion:149 Resp: 560788

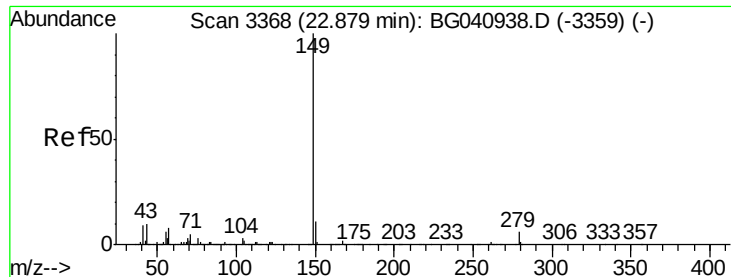
Ion	Ratio	Lower	Upper
149	100		
167	29.3	24.6	37.0
279	5.9	5.0	7.6

149 100

167 29.3 24.6 37.0

279 5.9 5.0 7.6

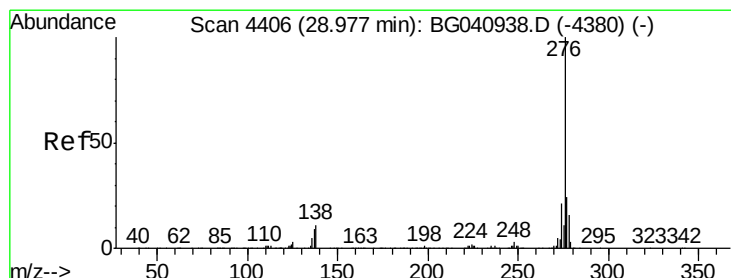
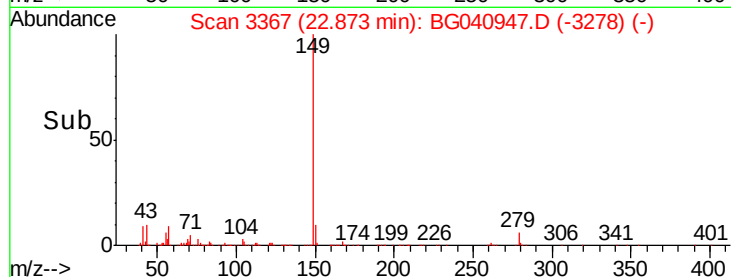
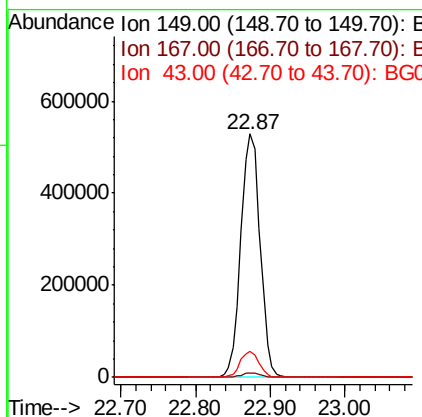
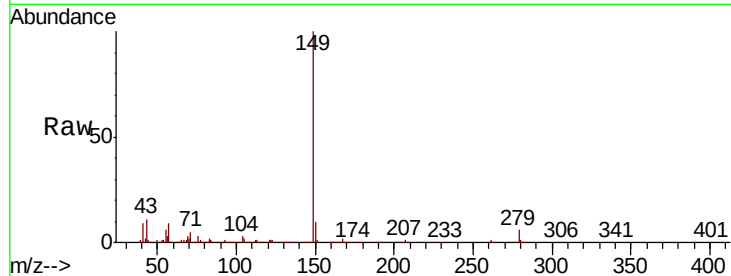




#85
Di-n-octyl phthalate
Concen: 35.546 ng
RT: 22.87 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

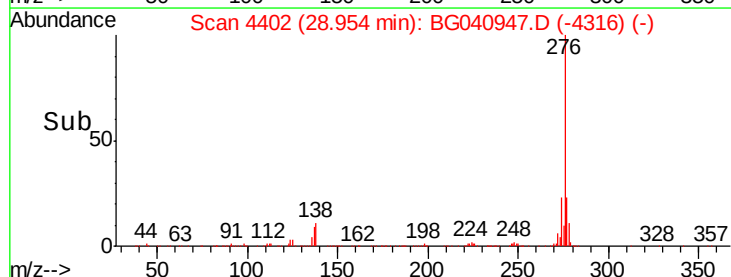
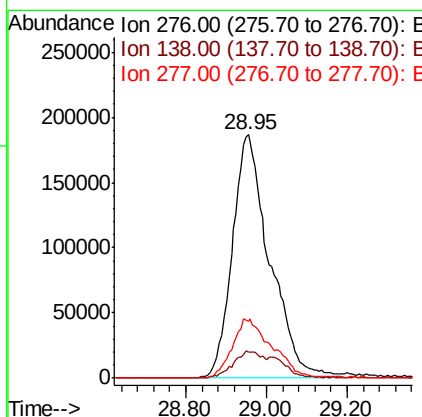
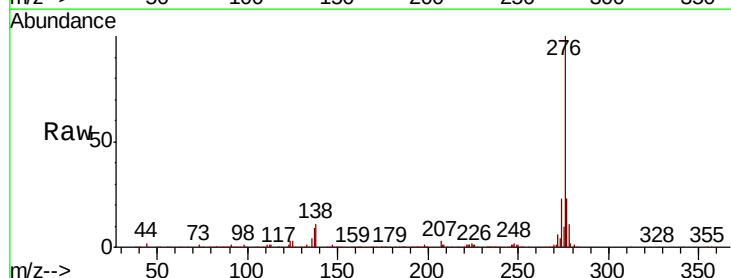
Instrument :
BNA_G
ClientSampleId :
PB119943BSD

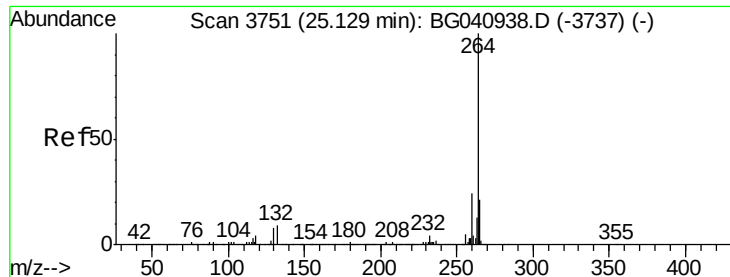
Tot Ion:149 Resp: 943417
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.3 8.1 12.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.441 ng
RT: 28.95 min Scan# 4402
Delta R.T. -0.02 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

Tgt Ion:276 Resp: 1202648
Ion Ratio Lower Upper
276 100
138 8.8 5.7 8.5#
277 25.8 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3749

Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Instrument :

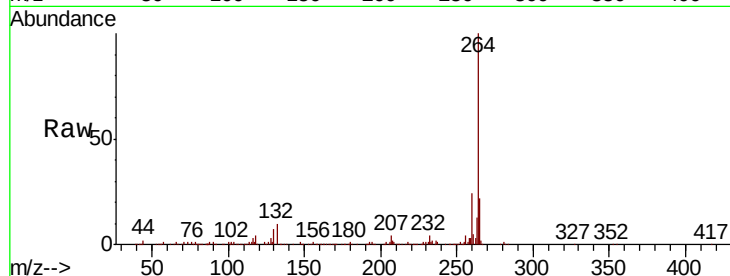
BNA_G

ClientSampleId :

PB119943BSD

Tot Ion:264 Resp: 460147

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	21.9	17.0	25.4

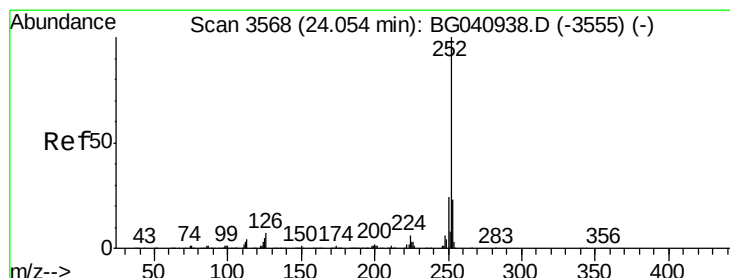
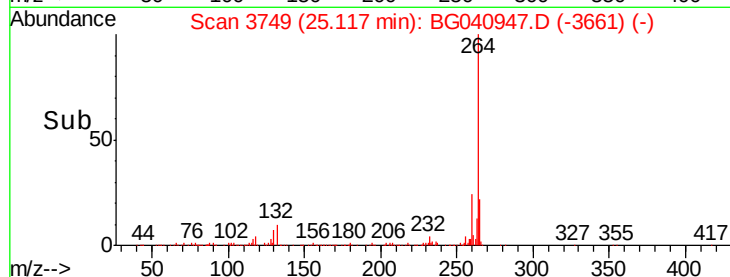
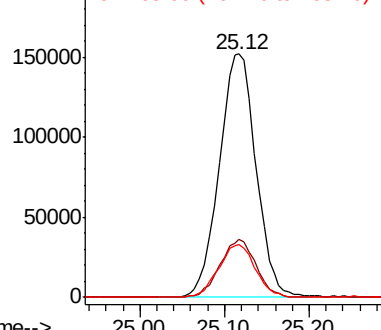


Abundance

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: 37.674 ng

RT: 24.05 min Scan# 3567

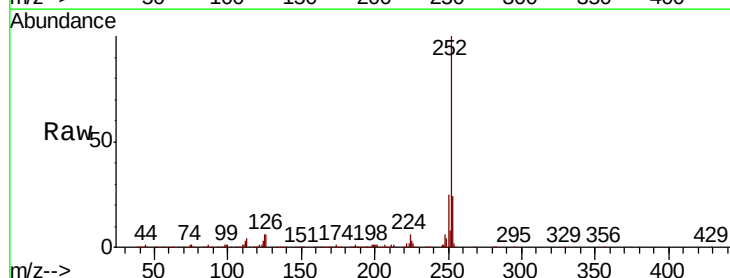
Delta R.T. -0.01 min

Lab File: BG040947.D

Acq: 30 May 2019 11:57

Tgt Ion:252 Resp: 1051464

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	5.7	4.3	6.5

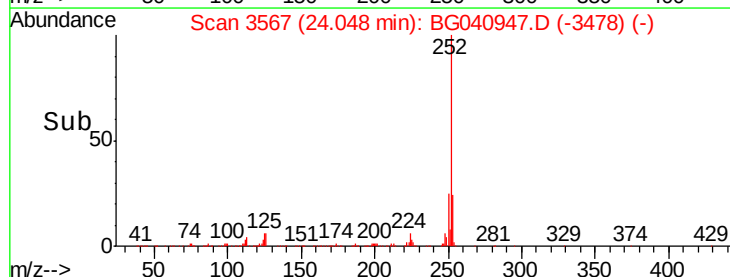
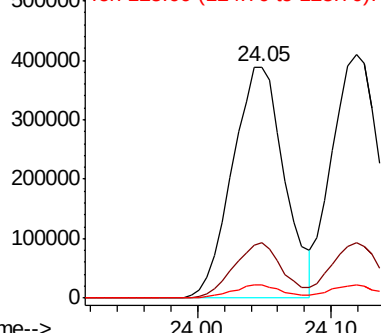


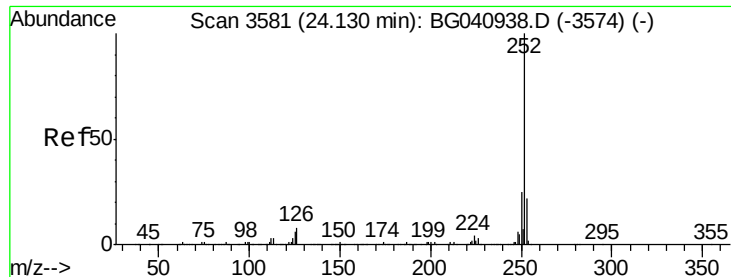
Abundance

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

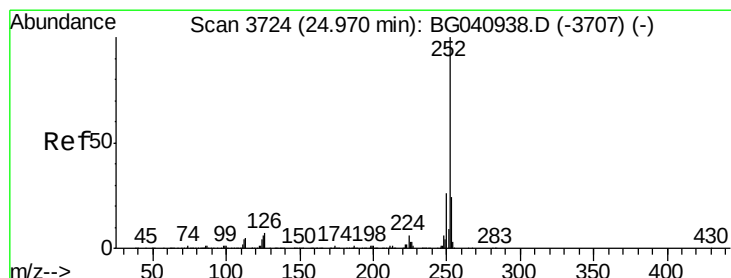
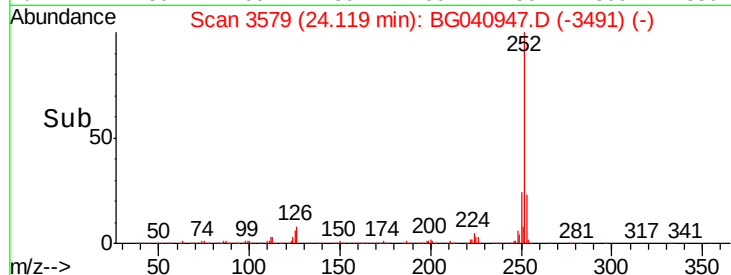
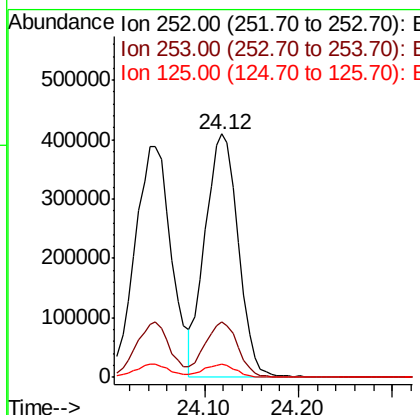
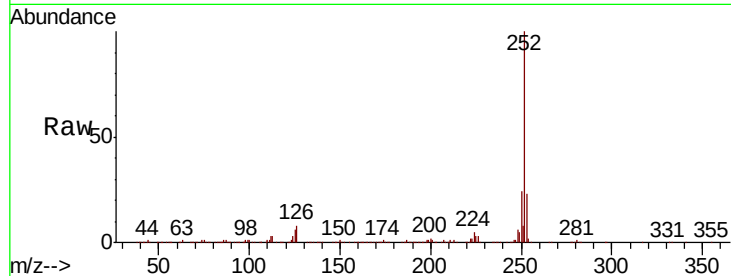




#89
Benzo(k)fluoranthene
Concen: 36.507 ng
RT: 24.12 min Scan# 3579
Delta R.T. -0.01 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

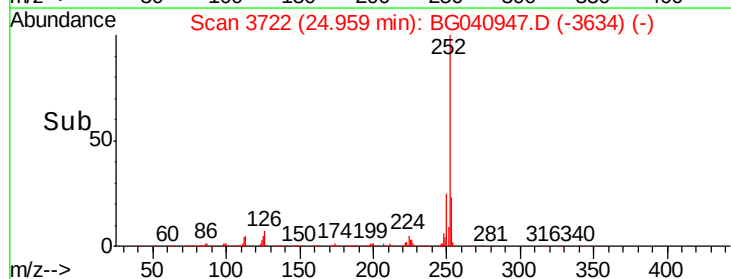
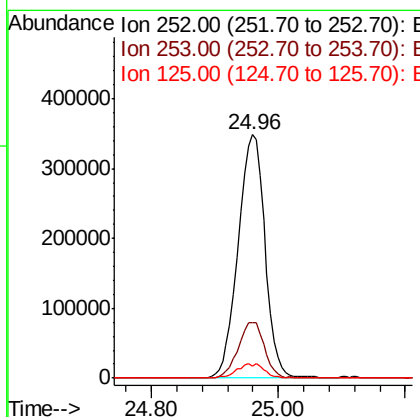
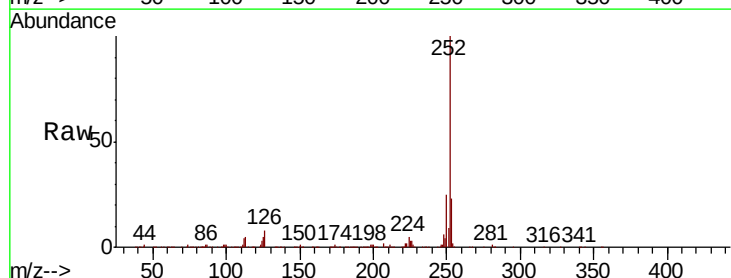
Instrument :
BNA_G
ClientSampleId :
PB119943BSD

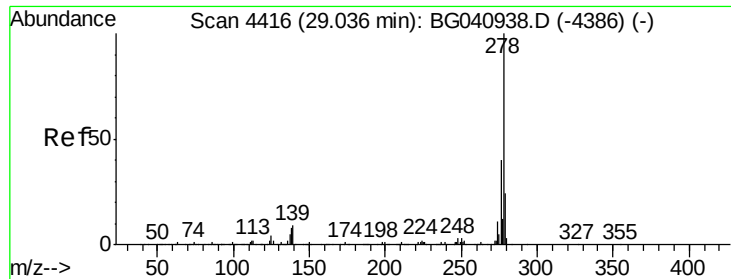
Tot Ion:252 Resp: 1008272
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 5.5 4.7 7.1



#90
Benzo(a)pyrene
Concen: 38.378 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.01 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

Tgt Ion:252 Resp: 1021925
Ion Ratio Lower Upper
252 100
253 22.7 19.5 29.3
125 5.1 5.1 7.7

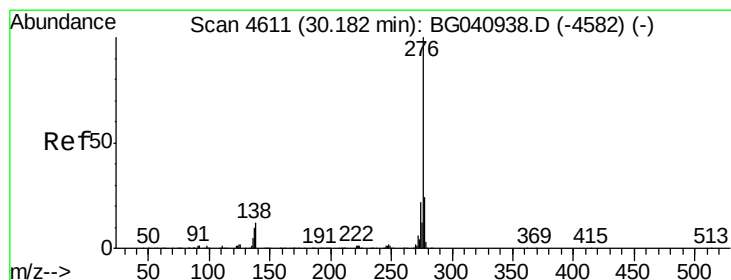
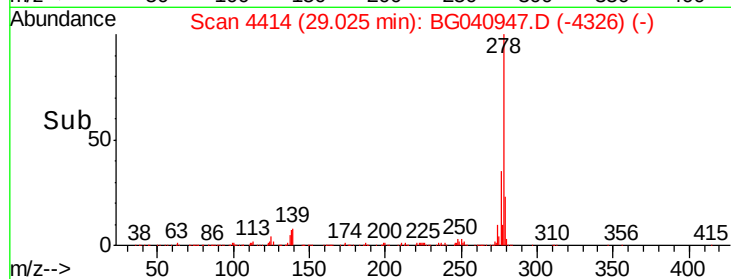
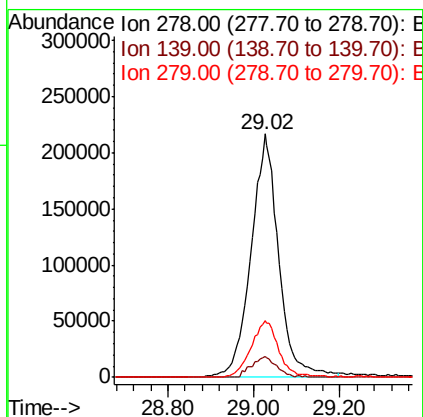
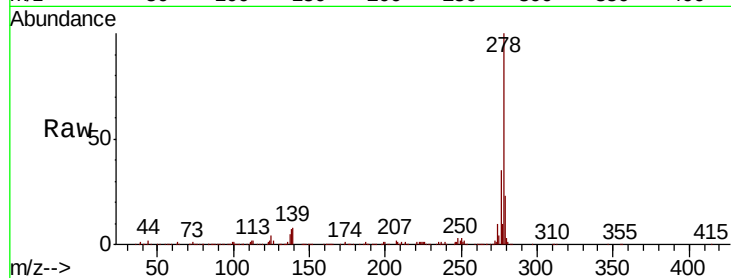




#91
Dibenzo(a,h)anthracene
Concen: 37.252 ng
RT: 29.02 min Scan# 4414
Delta R.T. -0.01 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.4	7.1	10.7
279	23.0	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 37.314 ng
RT: 30.16 min Scan# 4608
Delta R.T. -0.02 min
Lab File: BG040947.D
Acq: 30 May 2019 11:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.0
138	10.9	9.7	14.5

