

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043592.D
 Acq On : 11 Nov 2019 20:38
 Operator : JU
 Sample : PB124701BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124701BS

Quant Time: Nov 12 00:48:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	26567	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	119670	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	97979	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	245252	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	225229	20.00	ng	0.00
87) Perylene-d12	24.83	264	205038	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	210457	145.16	ng	0.00
7) Phenol-d6	7.21	99	304304	145.88	ng	0.00
23) Nitrobenzene-d5	9.16	82	148818	64.11	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	223296	119.76	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	447410	63.10	ng	-0.01
79) Terphenyl-d14	19.99	244	974589	81.18	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	15534	27.495	ng	# 86
3) Pyridine	3.86	79	42982	30.159	ng	97
4) n-Nitrosodimethylamine	3.78	42	32052	44.569	ng	# 86
6) Aniline	7.33	93	87060	36.231	ng	94
8) 2-Chlorophenol	7.58	128	87177	54.471	ng	98
9) Benzaldehyde	7.14	77	41658	40.637	ng	98
10) Phenol	7.23	94	108905	57.135	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	68711	46.625	ng	97
12) 1,3-Dichlorobenzene	7.89	146	81748	40.768	ng	96
13) 1,4-Dichlorobenzene	8.03	146	88023	43.387	ng	99
14) 1,2-Dichlorobenzene	8.36	146	86835	43.837	ng	94
15) Benzyl Alcohol	8.25	79	80162	54.720	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	94725	44.205	ng	98
17) 2-Methylphenol	8.47	107	78762	56.681	ng	95
18) Hexachloroethane	9.09	117	30558	41.748	ng	97
19) n-Nitroso-di-n-propylamine	8.80	70	66299	49.187	ng	94
20) 3+4-Methylphenols	8.80	107	106872	56.088	ng	94
22) Acetophenone	8.83	105	130186	42.480	ng	96
24) Nitrobenzene	9.21	77	98333	44.470	ng	# 96
25) Isophorone	9.73	82	195678	46.109	ng	99
26) 2-Nitrophenol	9.92	139	53394	50.016	ng	92
27) 2,4-Dimethylphenol	10.00	122	90945	59.438	ng	95
28) bis(2-Chloroethoxy)methane	10.21	93	104756	44.724	ng	95
29) 2,4-Dichlorophenol	10.47	162	100556	51.292	ng	94
30) 1,2,4-Trichlorobenzene	10.67	180	102132	41.334	ng	99
31) Naphthalene	10.86	128	275280	45.318	ng	97
32) Benzoic acid	10.19	122	49900	43.708	ng	95
33) 4-Chloroaniline	10.97	127	69012	27.716	ng	97
34) Hexachlorobutadiene	11.14	225	70868	38.799	ng	92
35) Caprolactam	11.74	113	15226	22.551	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	109995	51.437	ng	96
37) 2-Methylnaphthalene	12.46	142	223850	48.029	ng	98
38) 1-Methylnaphthalene	12.68	142	207508	46.793	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	139955	38.597	ng	98

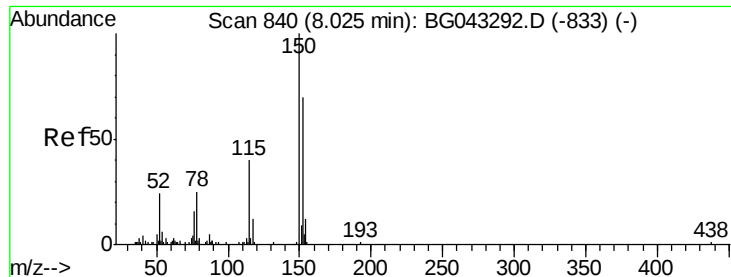
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043592.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	127502	66.938	ng	99
43) 2,4,6-Trichlorophenol	13.08	196	94863	44.424	ng	95
44) 2,4,5-Trichlorophenol	13.16	196	103124	47.768	ng	96
46) 1,1'-Biphenyl	13.46	154	306532	41.125	ng	98
47) 2-Chloronaphthalene	13.51	162	236185	41.646	ng	99
48) 2-Nitroaniline	13.72	65	73869	43.580	ng	94
49) Acenaphthylene	14.36	152	396900	44.967	ng	99
50) Dimethylphthalate	14.09	163	334404	44.063	ng	99
51) 2,6-Dinitrotoluene	14.21	165	76594	46.456	ng	96
52) Acenaphthene	14.70	154	232885	43.265	ng	97
53) 3-Nitroaniline	14.55	138	49255	30.943	ng	97
54) 2,4-Dinitrophenol	14.76	184	92404	88.864	ng	96
55) Dibenzofuran	15.03	168	385296	44.140	ng	99
56) 4-Nitrophenol	14.90	139	110076	103.191	ng	95
57) 2,4-Dinitrotoluene	15.00	165	111409	47.283	ng	# 97
58) Fluorene	15.68	166	330102	45.089	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	108290	47.212	ng	97
60) Diethylphthalate	15.45	149	339585	44.533	ng	98
61) 4-Chlorophenyl-phenylether	15.67	204	192381	45.044	ng	97
62) 4-Nitroaniline	15.72	138	70252	42.734	ng	98
63) Azobenzene	15.97	77	285902	46.327	ng	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	70282	48.695	ng	92
66) n-Nitrosodiphenylamine	15.89	169	298612	43.126	ng	96
67) 4-Bromophenyl-phenylether	16.57	248	135383	41.018	ng	99
68) Hexachlorobenzene	16.69	284	153325	40.470	ng	99
69) Atrazine	16.84	200	135521	56.327	ng	97
70) Pentachlorophenol	17.04	266	158474	91.798	ng	97
71) Phenanthrene	17.42	178	546414	43.509	ng	99
72) Anthracene	17.51	178	559597	44.535	ng	99
73) Carbazole	17.79	167	513057	45.089	ng	99
74) Di-n-butylphthalate	18.33	149	625853	45.330	ng	99
75) Fluoranthene	19.43	202	749360	45.769	ng	100
77) Benzidine	19.62	184	121858	26.884	ng	97
78) Pyrene	19.79	202	749815	53.783	ng	99
80) Butylbenzylphthalate	20.67	149	246530	46.675	ng	95
81) Benzo(a)anthracene	21.62	228	630599	44.697	ng	99
82) 3,3'-Dichlorobenzidine	21.54	252	179235	32.846	ng	96
83) Chrysene	21.69	228	598918	42.726	ng	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	297749	39.684	ng	99
85) Di-n-octyl phthalate	22.72	149	509162	39.999	ng	100
86) Indeno(1,2,3-cd)pyrene	28.46	276	706509	40.153	ng	99
88) Benzo(b)fluoranthene	23.82	252	582729	50.180	ng	99
89) Benzo(k)fluoranthene	23.89	252	597423	51.103	ng	98
90) Benzo(a)pyrene	24.68	252	546792	49.308	ng	99
91) Dibenzo(a,h)anthracene	28.52	278	598255	52.744	ng	99
92) Benzo(g,h,i)perylene	29.60	276	597055	53.363	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

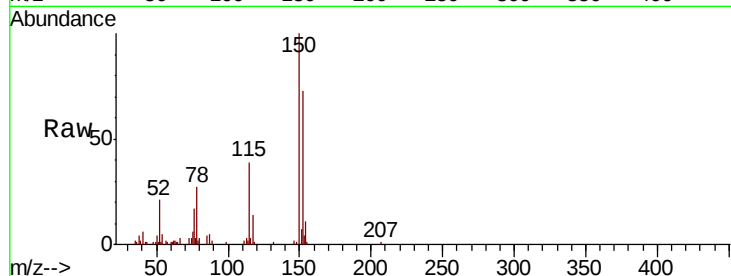
Tot Ion:152 Resp: 26567

Ion Ratio Lower Upper

152 100

150 136.4 129.4 194.0

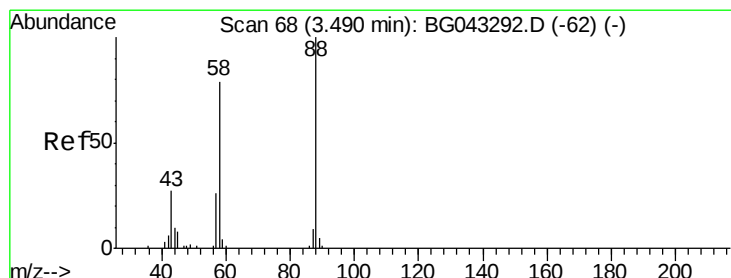
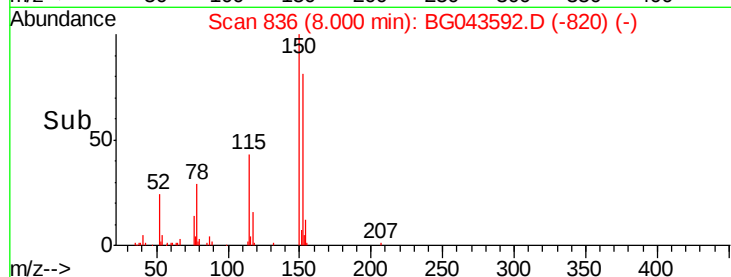
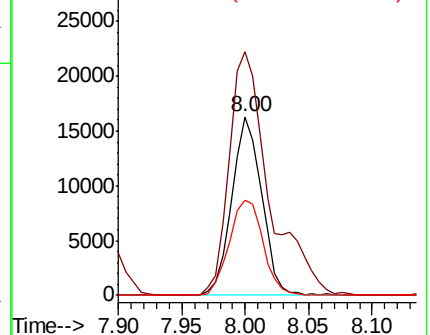
115 53.0 48.8 73.2



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: 27.495 ng

RT: 3.46 min Scan# 63

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

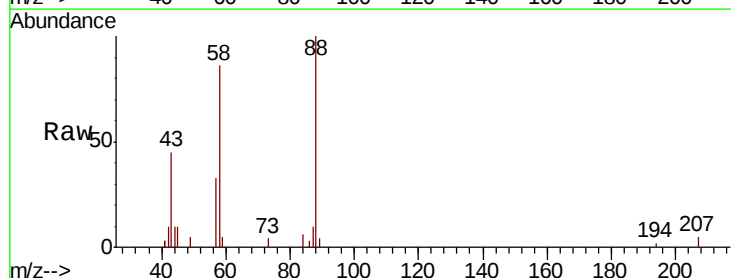
Tgt Ion: 88 Resp: 15534

Ion Ratio Lower Upper

88 100

58 91.0 62.7 94.1

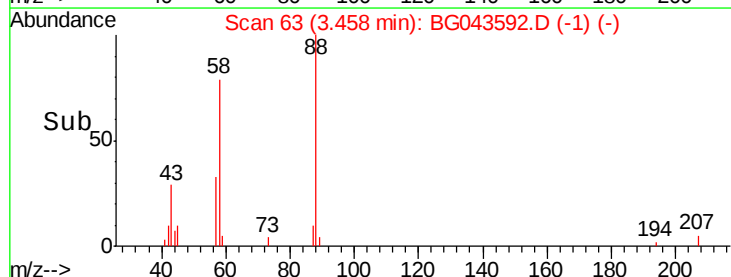
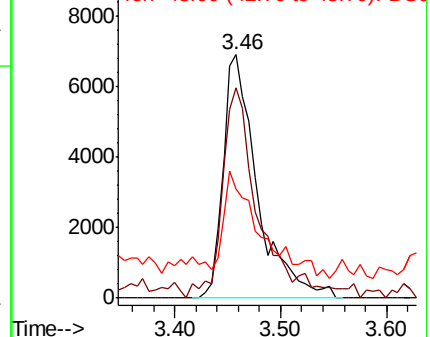
43 36.3 23.7 35.5#



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: 30.159 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

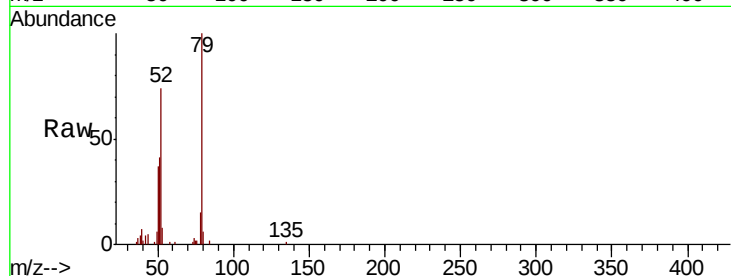
Tot Ion: 79 Resp: 42982

Ion Ratio Lower Upper

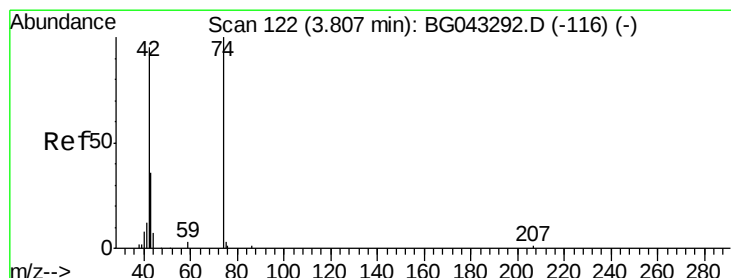
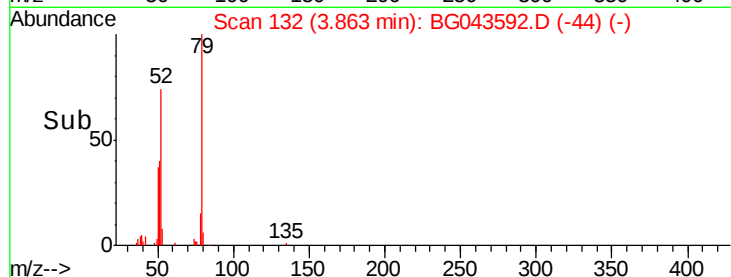
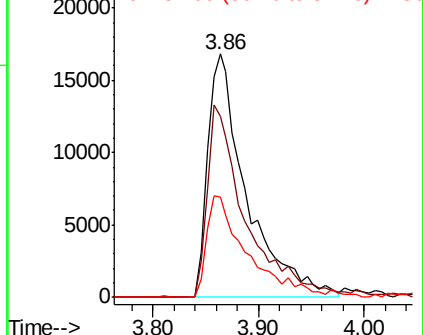
79 100

52 74.4 56.5 84.7

51 40.9 33.2 49.8



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: 44.569 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

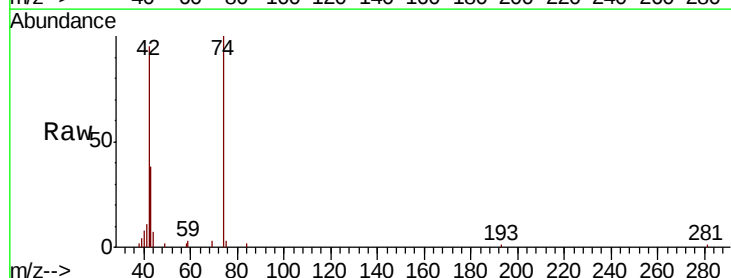
Tgt Ion: 42 Resp: 32052

Ion Ratio Lower Upper

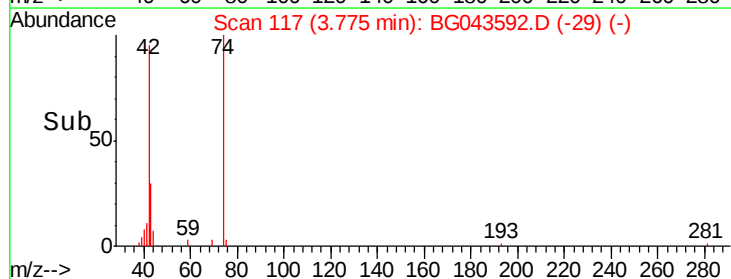
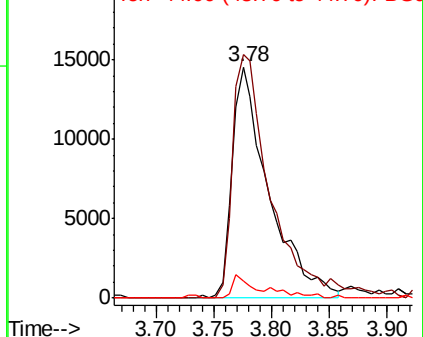
42 100

74 105.3 97.3 145.9

44 7.2 4.4 6.6#



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: 145.162 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

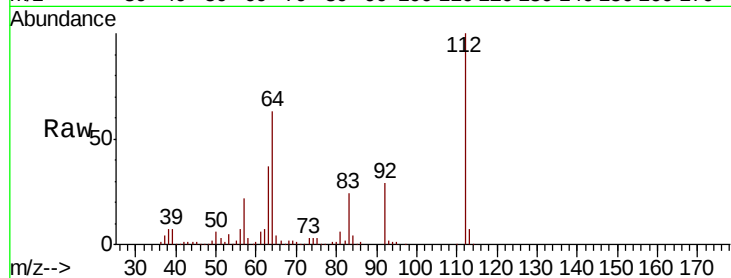
Tot Ion:112 Resp: 210457

Ion Ratio Lower Upper

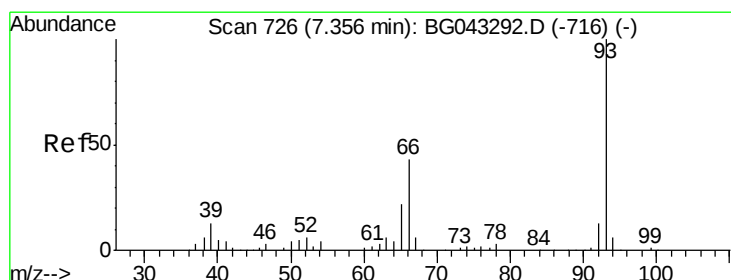
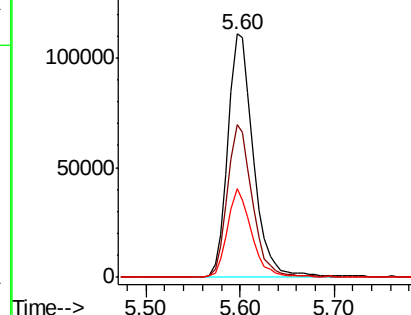
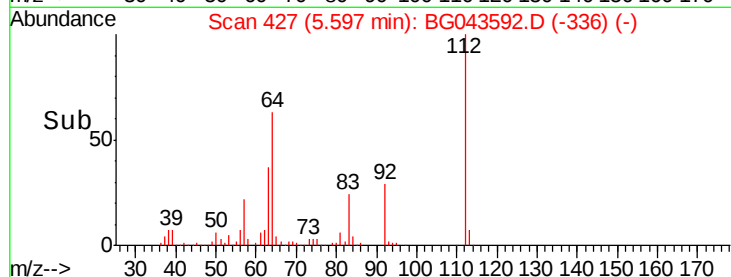
112 100

64 62.7 50.0 75.0

63 36.5 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.231 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

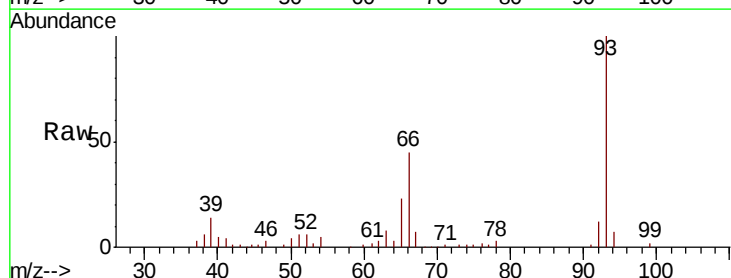
Tgt Ion: 93 Resp: 87060

Ion Ratio Lower Upper

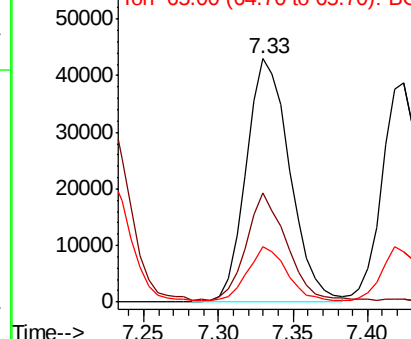
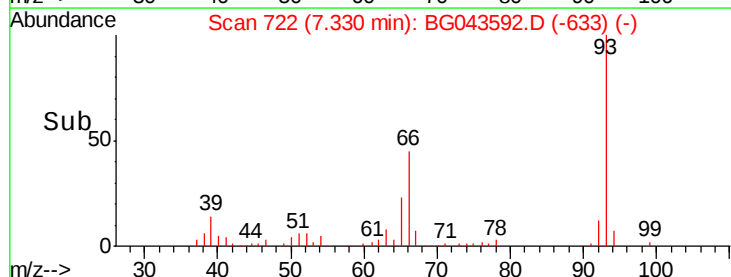
93 100

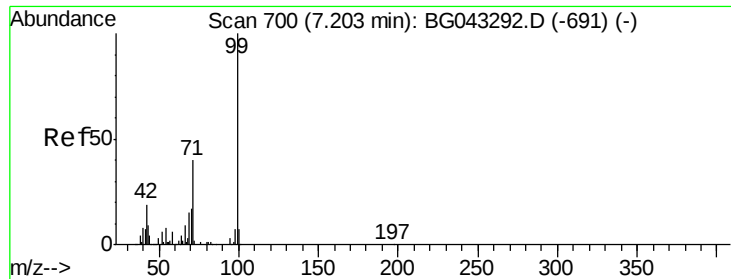
66 44.7 32.3 48.5

65 22.7 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 145.884 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

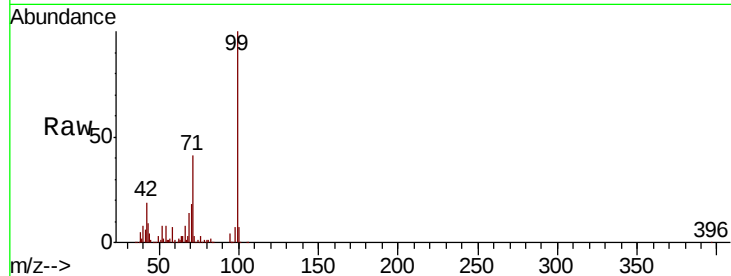
Tot Ion: 99 Resp: 304304

Ion Ratio Lower Upper

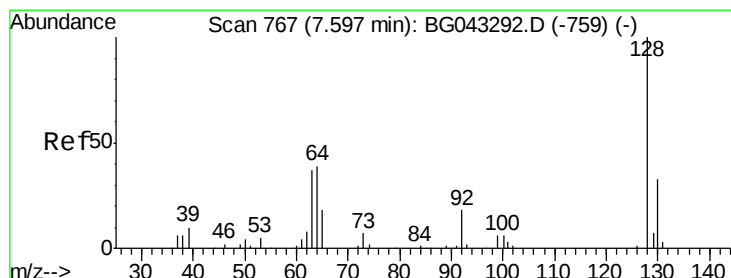
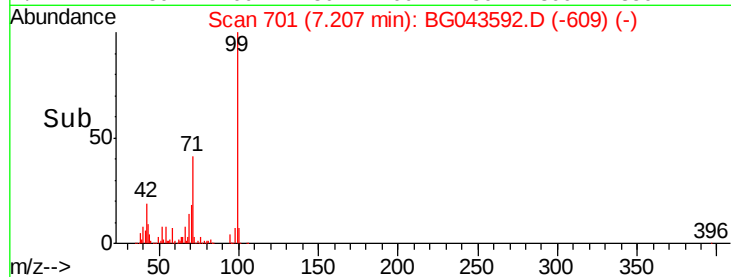
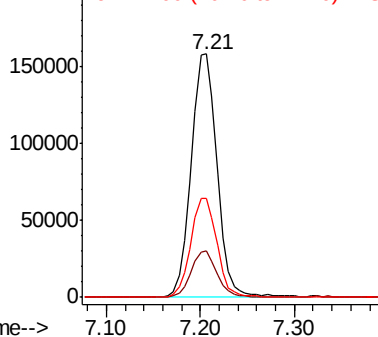
99 100

42 19.3 14.6 21.8

71 40.9 32.5 48.7



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: 54.471 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

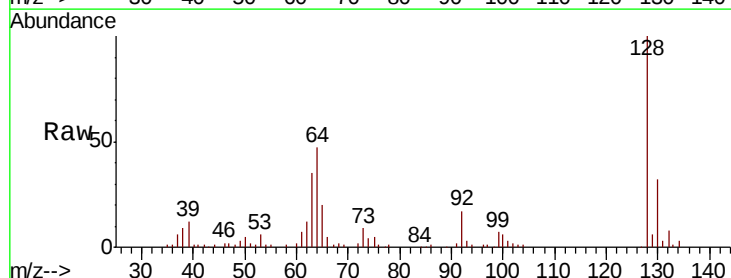
Tgt Ion: 128 Resp: 87177

Ion Ratio Lower Upper

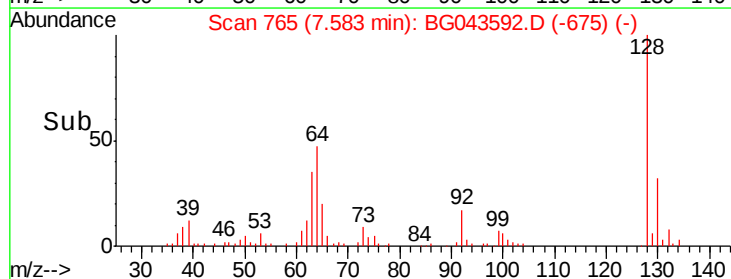
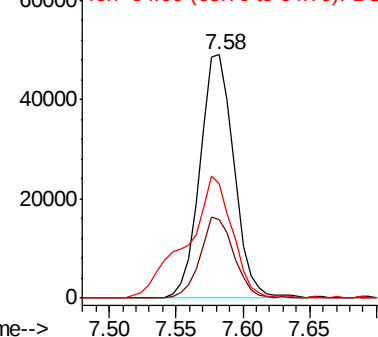
128 100

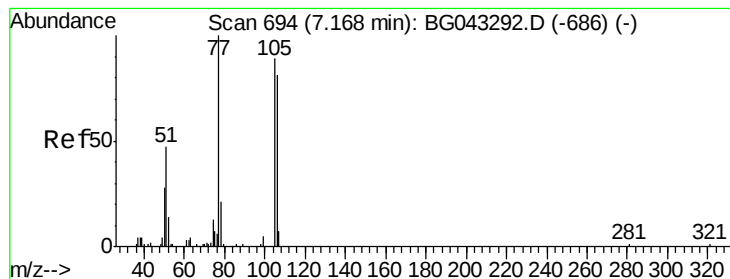
130 32.1 12.5 52.5

64 46.8 25.3 65.3



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: 40.637 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

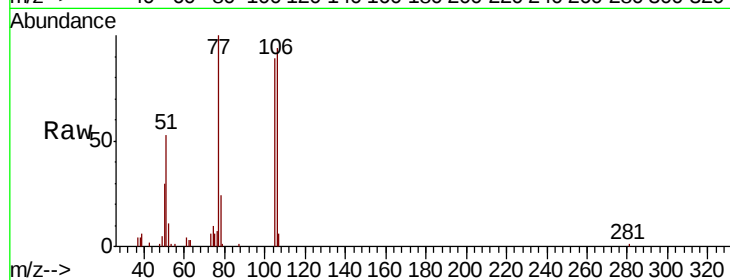
Tot Ion: 77 Resp: 41658

Ion Ratio Lower Upper

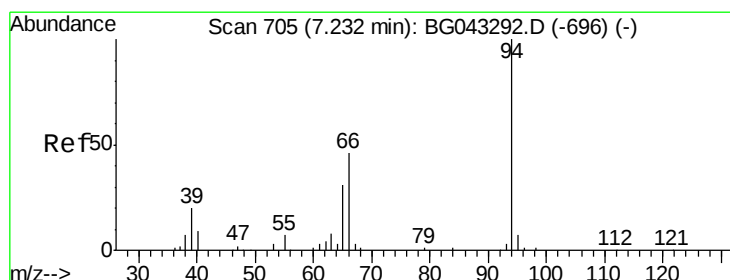
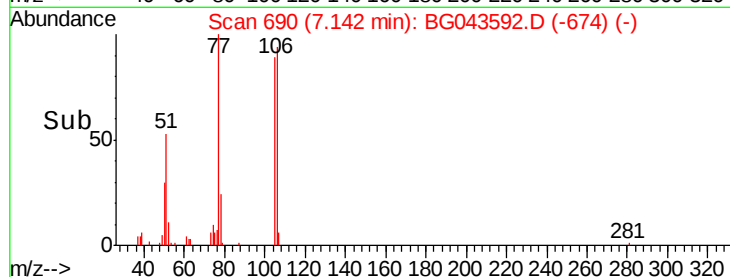
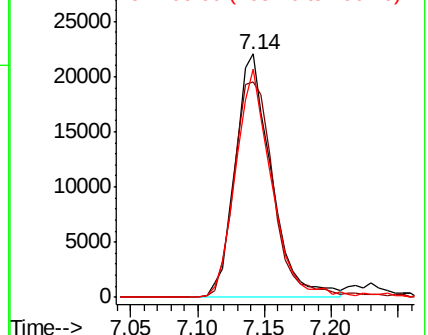
77 100

105 88.6 68.6 108.6

106 93.8 69.9 109.9



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: 57.135 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

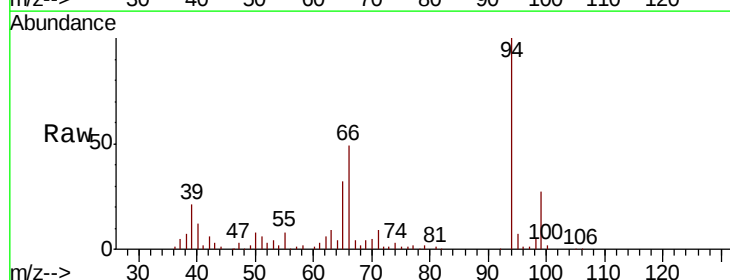
Tgt Ion: 94 Resp: 108905

Ion Ratio Lower Upper

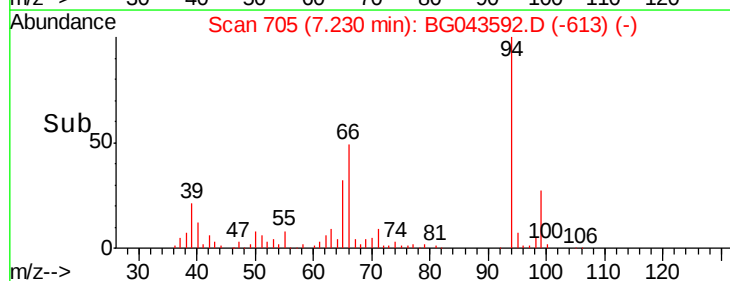
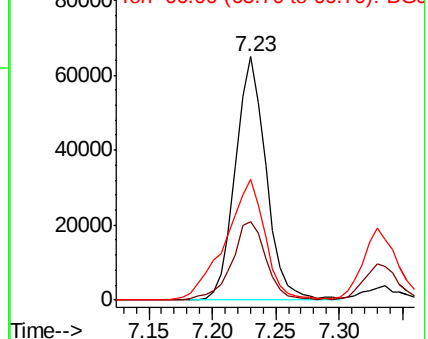
94 100

65 32.4 12.6 52.6

66 49.5 30.7 70.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

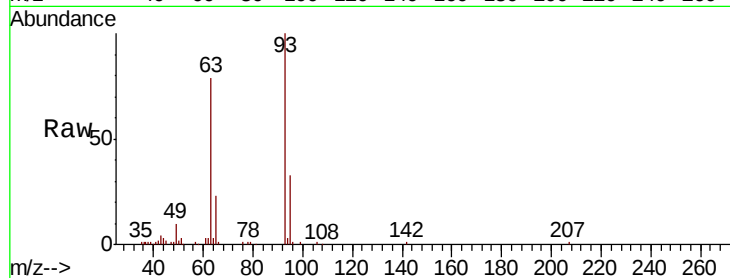




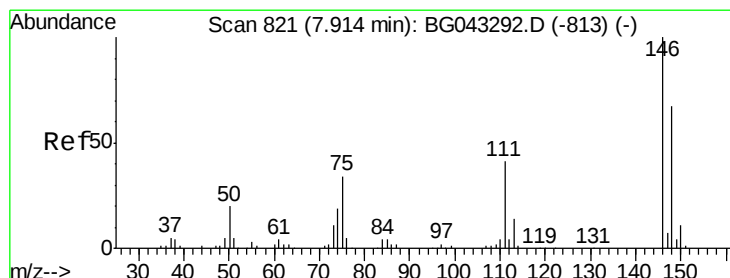
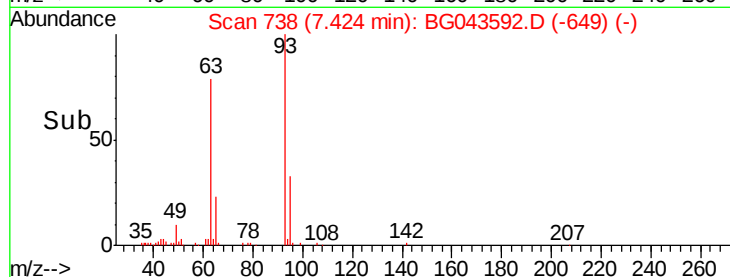
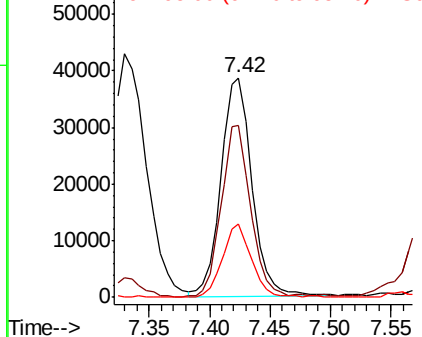
#11
bis(2-Chloroethyl)ether
Concen: 46.625 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion: 93 Resp: 68711
Ion Ratio Lower Upper
93 100
63 78.5 56.3 96.3
95 33.5 12.2 52.2

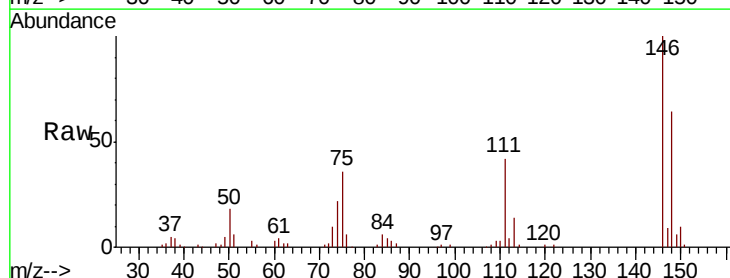


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

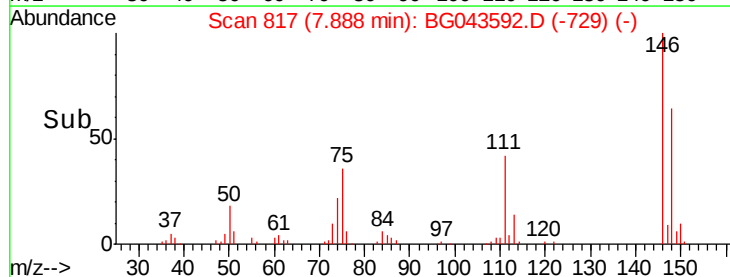
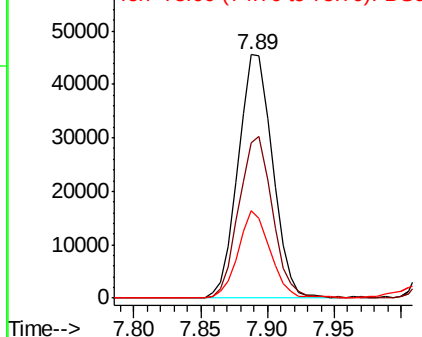


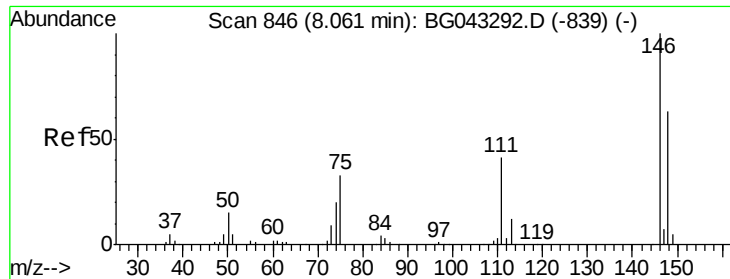
#12
1,3-Dichlorobenzene
Concen: 40.768 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Tgt Ion: 146 Resp: 81748
Ion Ratio Lower Upper
146 100
148 64.0 50.3 75.5
75 35.8 24.6 37.0



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

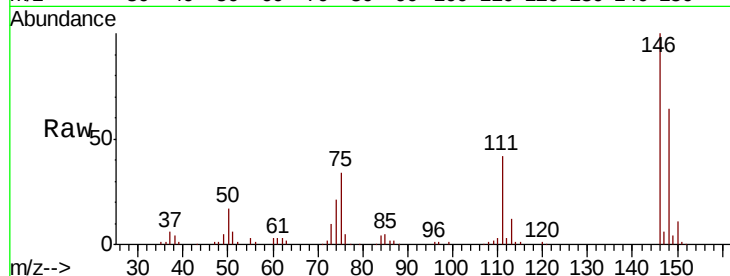




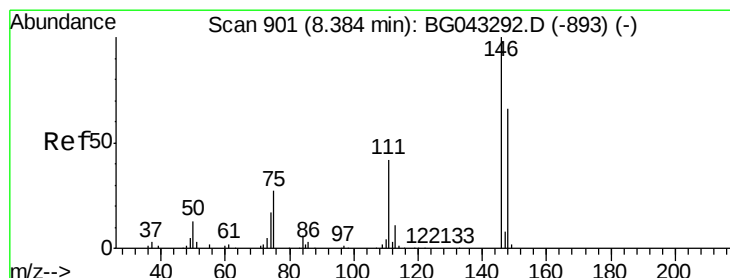
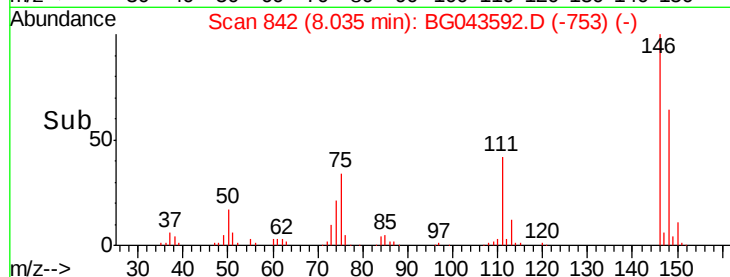
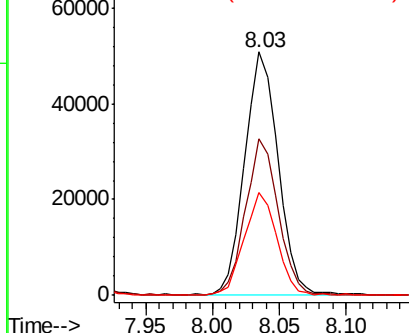
#13
 1,4-Dichlorobenzene
 Concen: 43.387 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG043592.D
 Acq: 11 Nov 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :
 PB124701BS

Tot Ion:146 Resp: 88023
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.7 76.1
 111 42.1 33.4 50.2

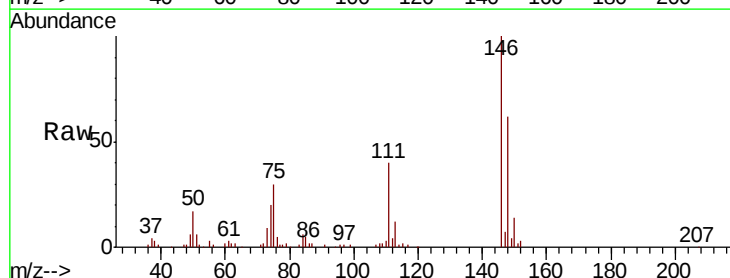


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

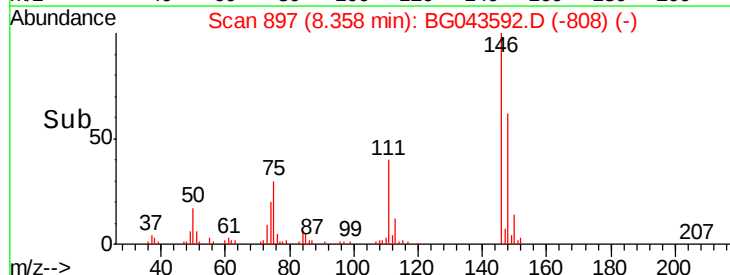
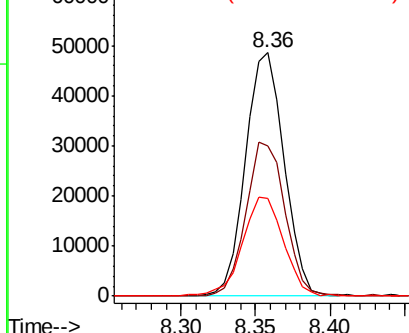


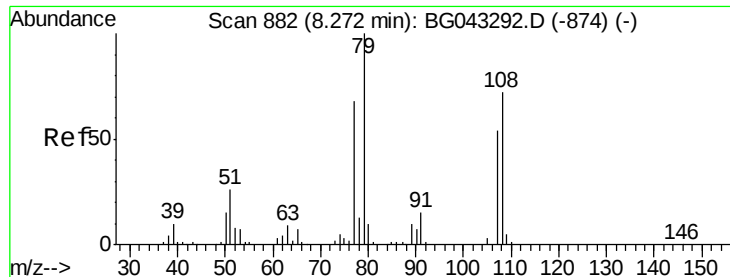
#14
 1,2-Dichlorobenzene
 Concen: 43.837 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG043592.D
 Acq: 11 Nov 2019 20:38

Tgt Ion:146 Resp: 86835
 Ion Ratio Lower Upper
 146 100
 148 61.8 53.2 79.8
 111 40.3 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 54.720 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

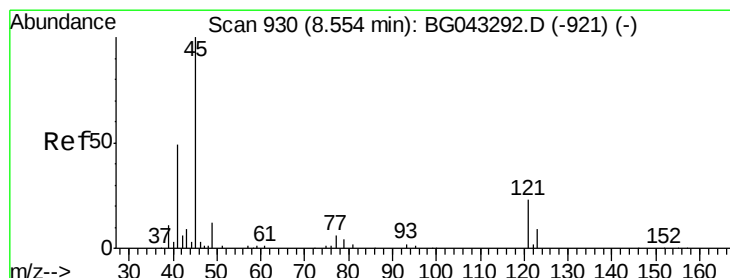
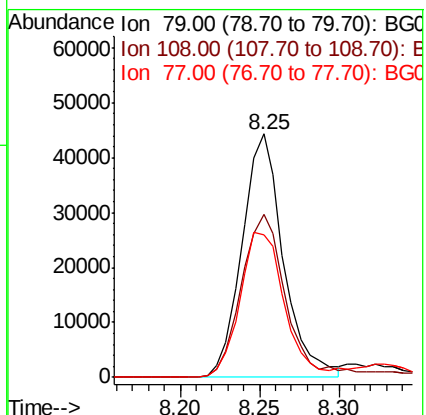
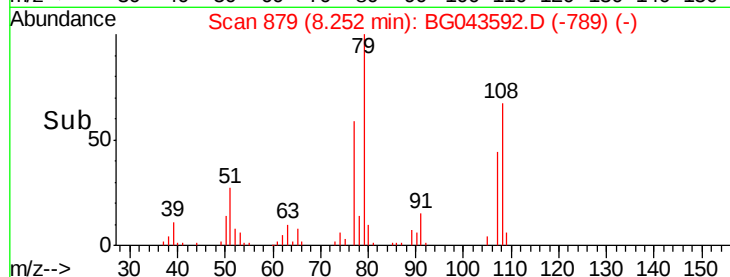
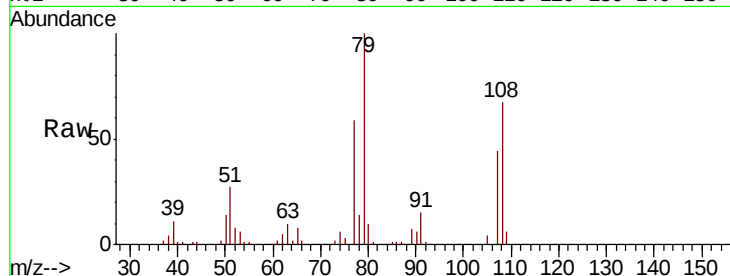
Tot Ion: 79 Resp: 80162

Ion Ratio Lower Upper

79 100

108 66.8 53.6 80.4

77 58.7 49.6 74.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.205 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

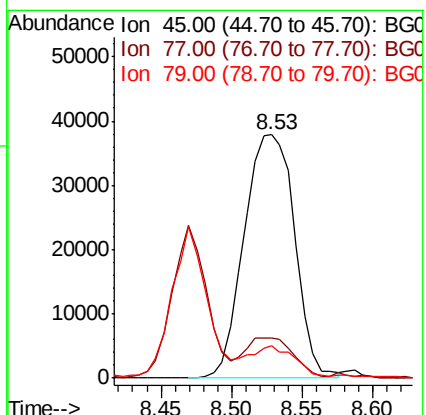
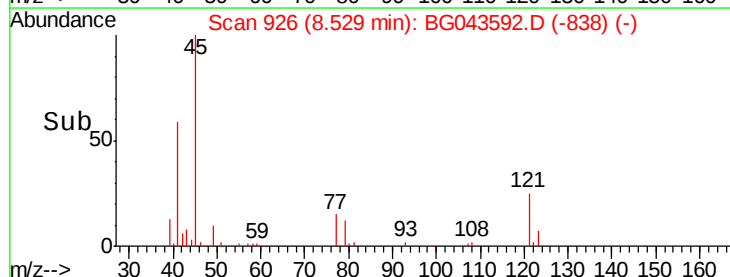
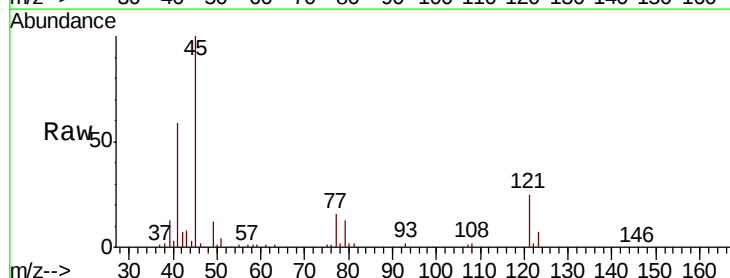
Tgt Ion: 45 Resp: 94725

Ion Ratio Lower Upper

45 100

77 16.4 0.0 34.9

79 13.2 0.0 33.0





#17

2-Methylphenol

Concen: 56.681 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

Tot Ion:107 Resp: 78762

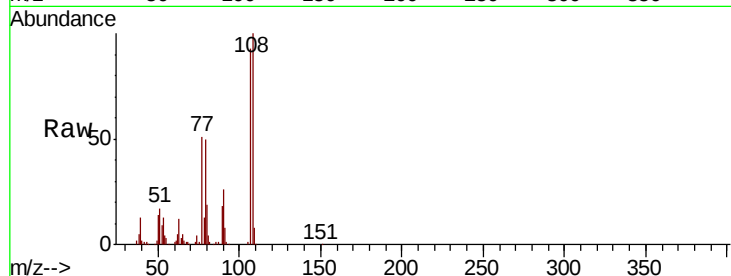
Ion Ratio Lower Upper

107 100

108 107.1 90.2 135.4

77 54.4 40.2 60.2

79 53.8 44.0 66.0

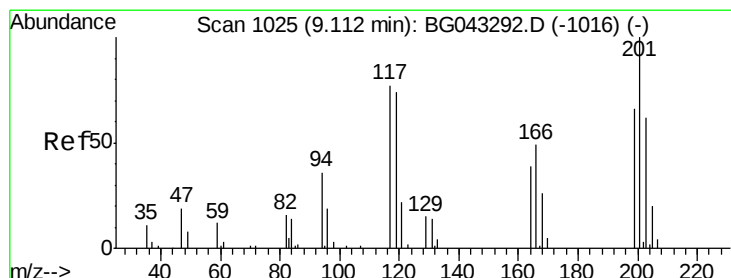
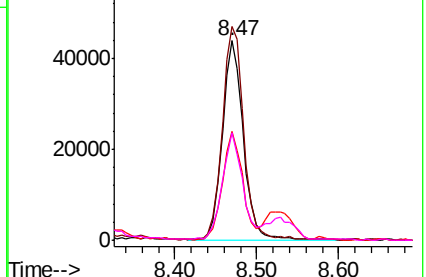
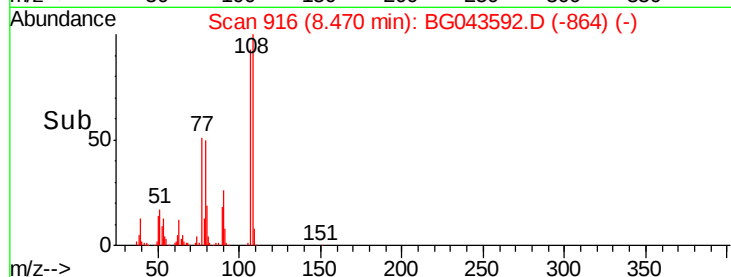


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.748 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

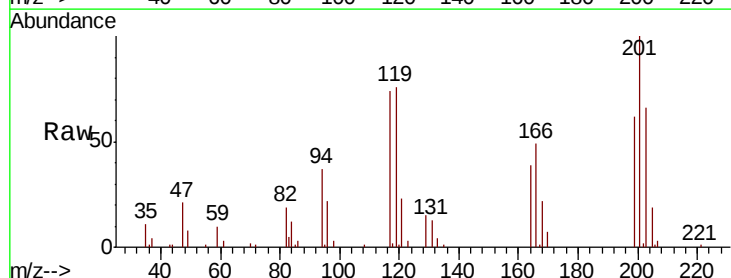
Tgt Ion:117 Resp: 30558

Ion Ratio Lower Upper

117 100

119 102.1 79.0 118.4

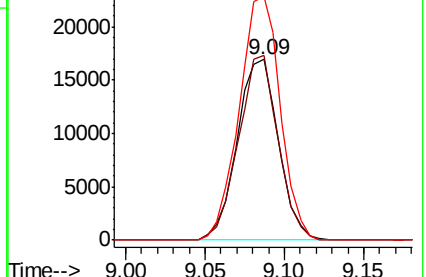
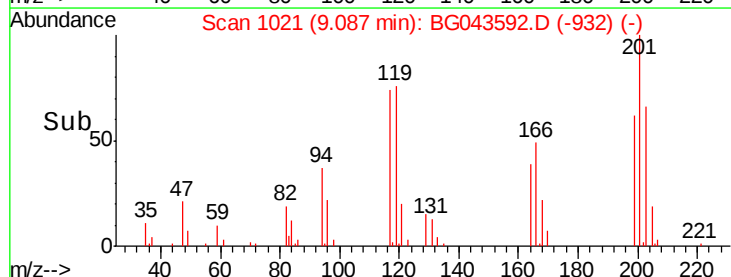
201 134.8 105.4 158.2

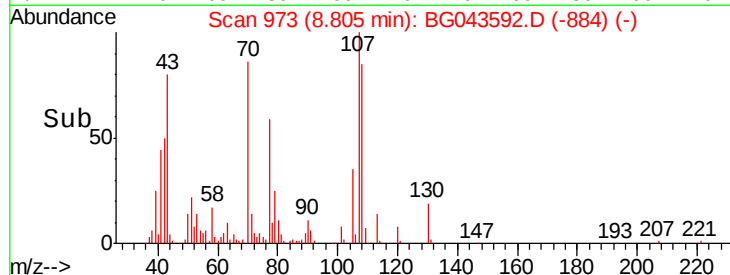
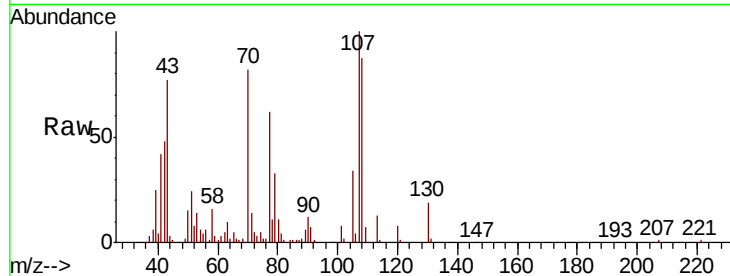
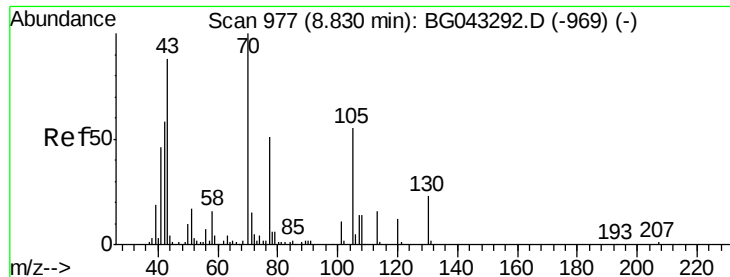


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

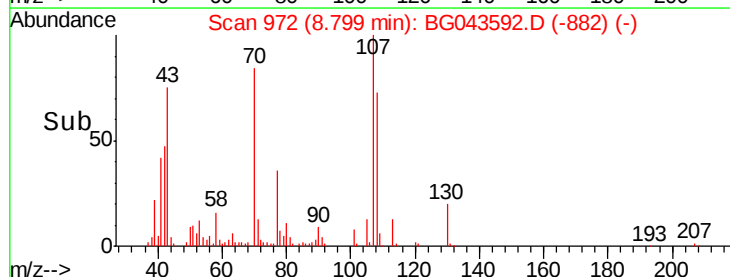
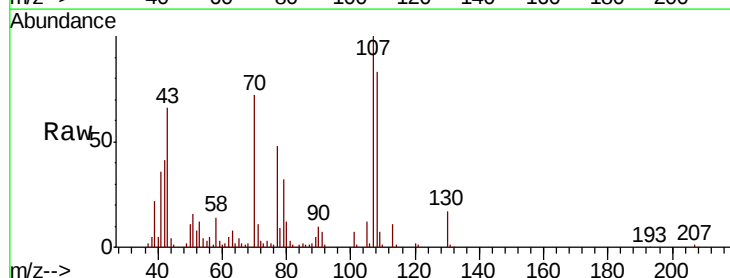
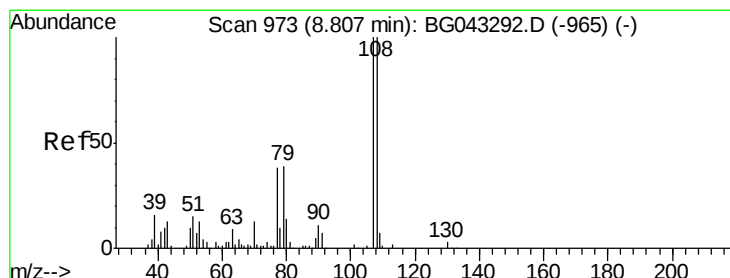
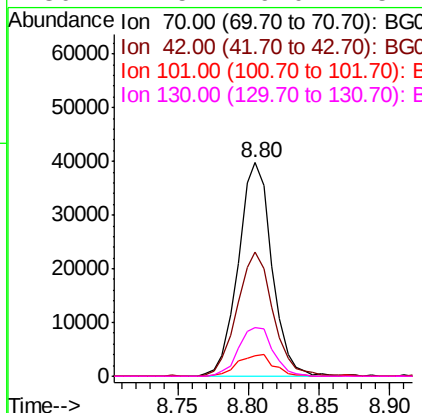




#19
n-Nitroso-di-n-propylamine
Concen: 49.187 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

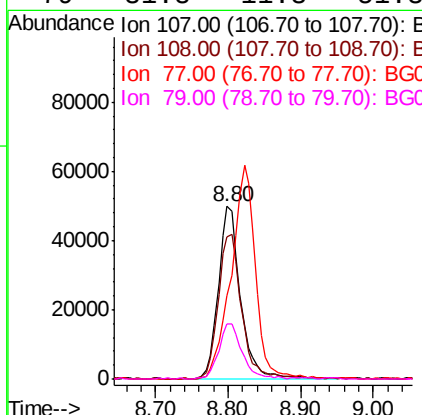
Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion:	70	Resp:	66299
Ion	Ratio	Lower	Upper
70	100		
42	58.1	41.4	62.2
101	9.8	7.9	11.9
130	22.5	19.0	28.4



#20
3+4-Methylphenols
Concen: 56.088 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Tgt Ion:	107	Resp:	106872
Ion	Ratio	Lower	Upper
107	100		
108	82.5	66.6	106.6
77	48.4	20.9	60.9
79	31.8	11.3	51.3

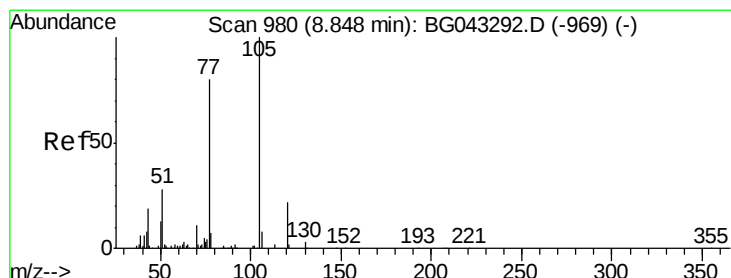
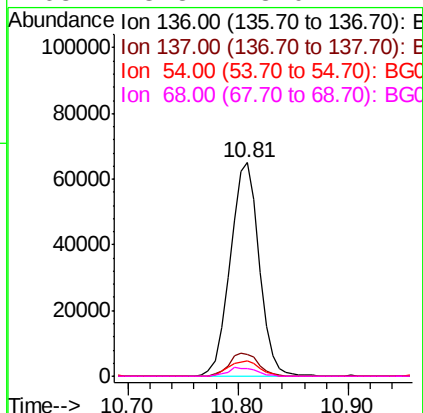
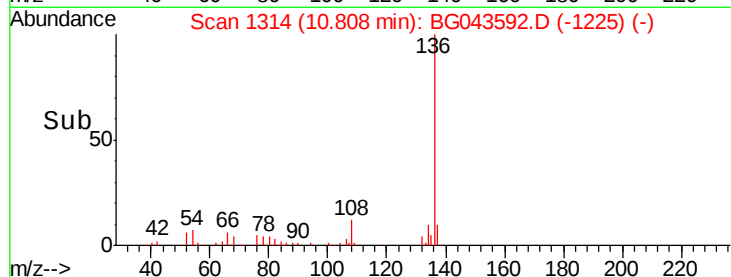
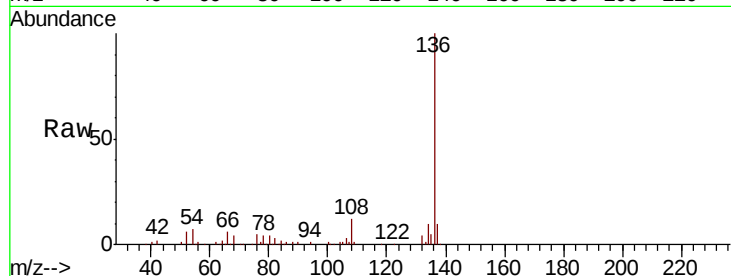




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

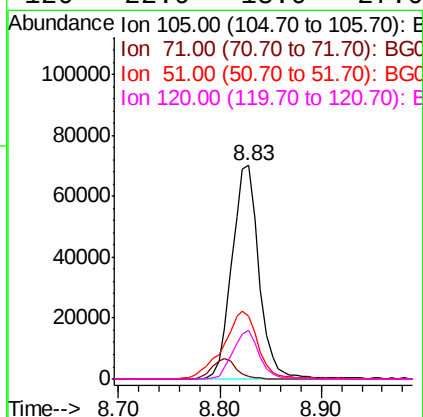
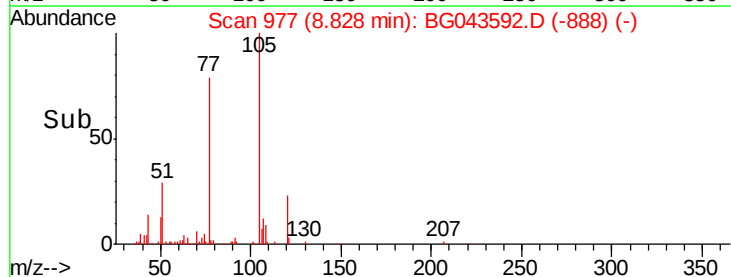
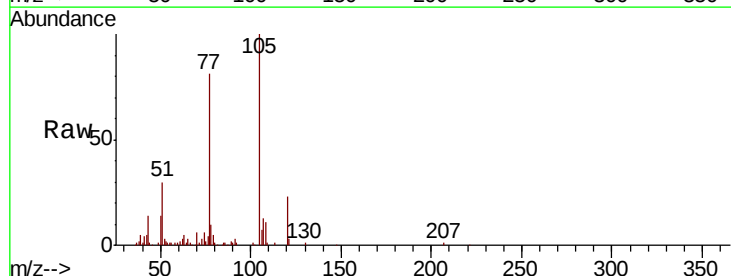
Instrument :
BNA_G
ClientSampleId :
PB124701BS

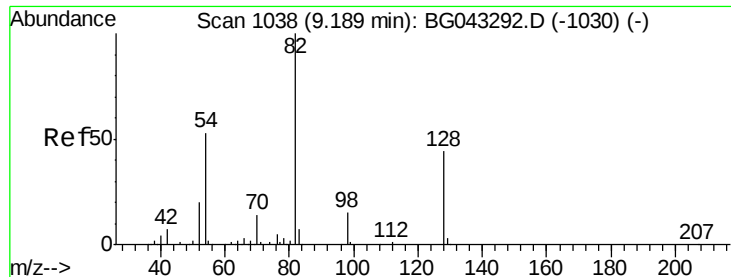
Tot Ion:136	Resp:	119670	
Ion Ratio	Lower	Upper	
136 100			
137 10.2	8.7	13.1	
54 7.3	5.4	8.2	
68 3.8	3.0	4.4	



#22
Acetophenone
Concen: 42.480 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Tgt Ion:105	Resp:	130186
Ion Ratio	Lower	Upper
105 100		
71 1.0	0.8	1.2
51 29.6	21.0	31.4
120 22.9	18.0	27.0

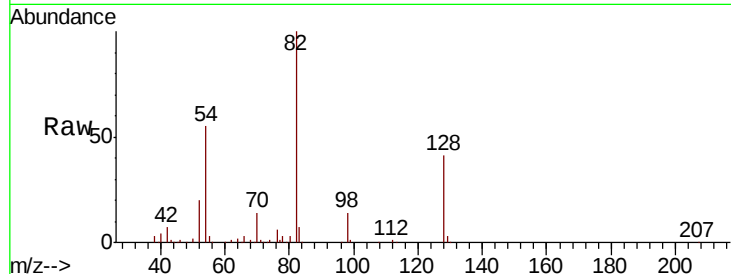




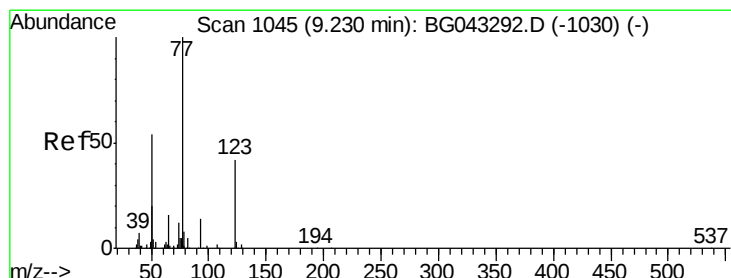
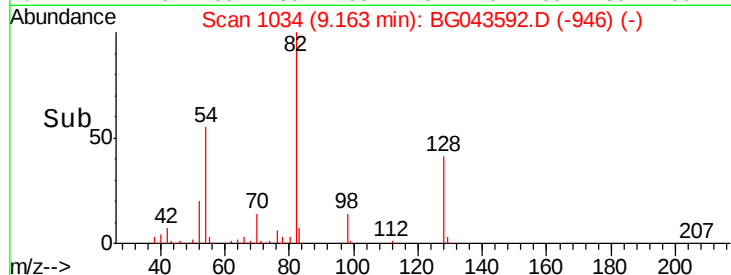
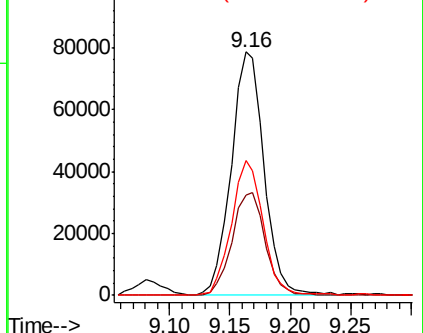
#23
Nitrobenzene-d5
Concen: 64.112 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion	82	Resp	148818
Ion Ratio	100	Lower	Upper
128	41.0	35.0	52.6
54	55.1	40.2	60.2

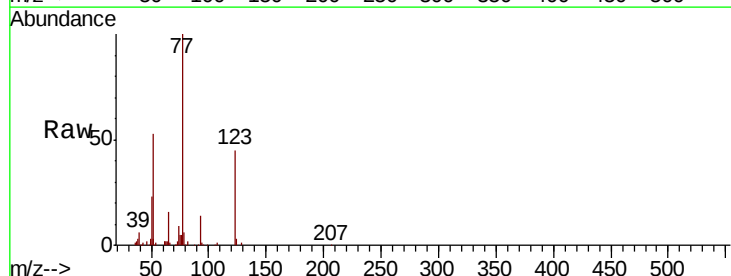


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

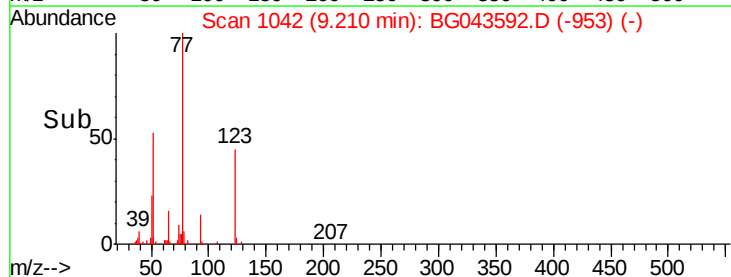
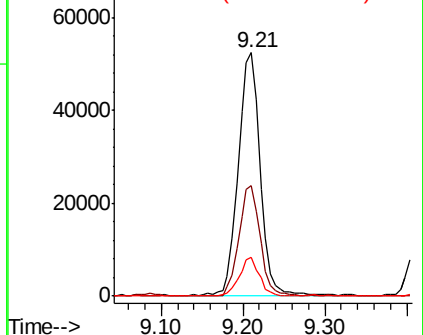


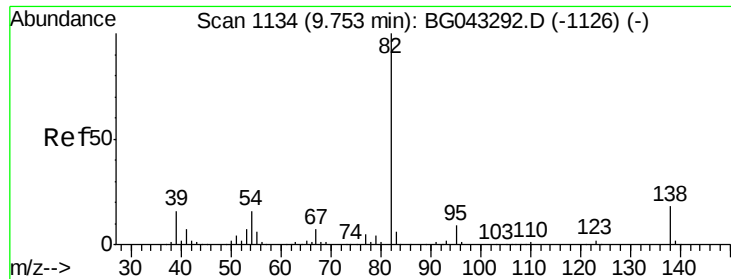
#24
Nitrobenzene
Concen: 44.470 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Tgt Ion	77	Resp	98333
Ion Ratio	100	Lower	Upper
123	45.3	35.0	52.6
65	15.9	9.5	14.3#



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





#25

Isophorone

Concen: 46.109 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

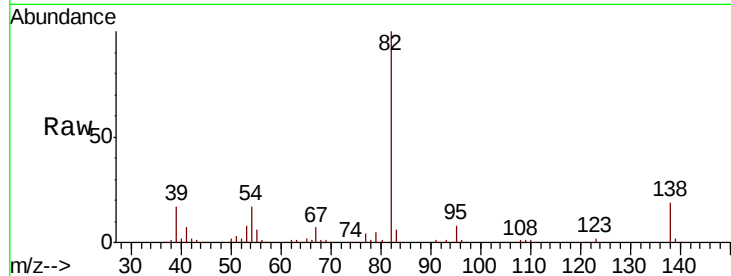
Tot Ion: 82 Resp: 195678

Ion Ratio Lower Upper

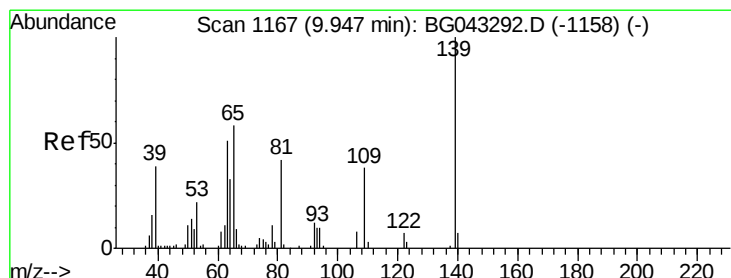
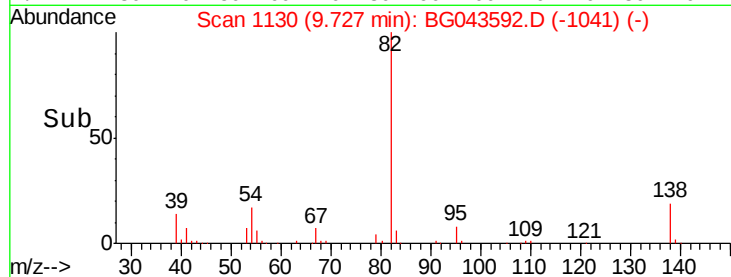
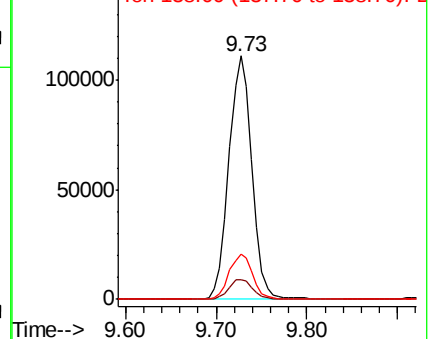
82 100

95 8.2 6.6 9.8

138 18.5 15.2 22.8



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



#26

2-Nitrophenol

Concen: 50.016 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

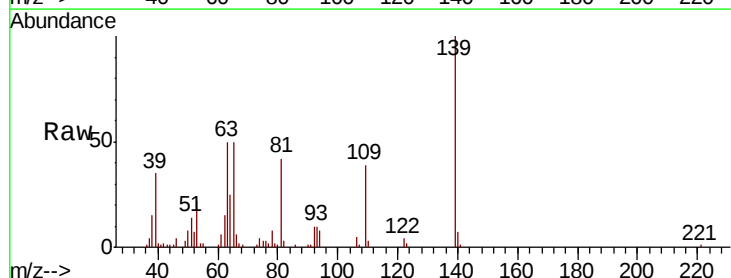
Tgt Ion: 139 Resp: 53394

Ion Ratio Lower Upper

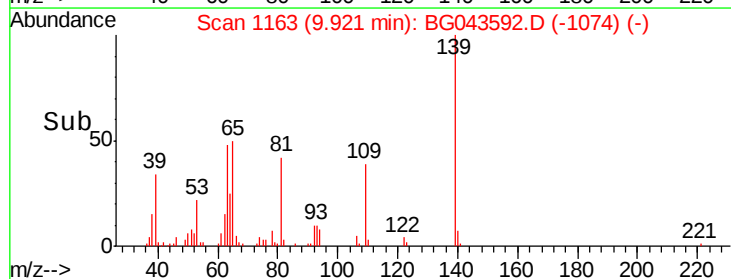
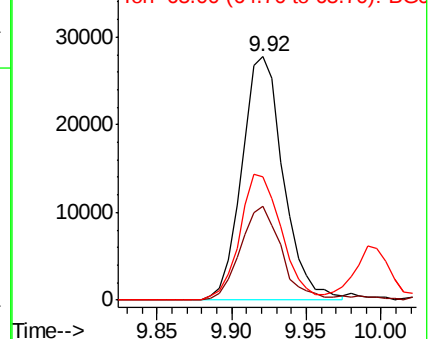
139 100

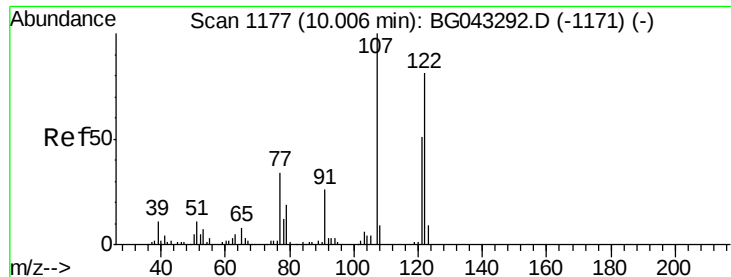
109 38.7 26.5 39.7

65 50.4 43.8 65.8



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





#27

2,4-Dimethylphenol

Concen: 59.438 ng

RT: 10.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

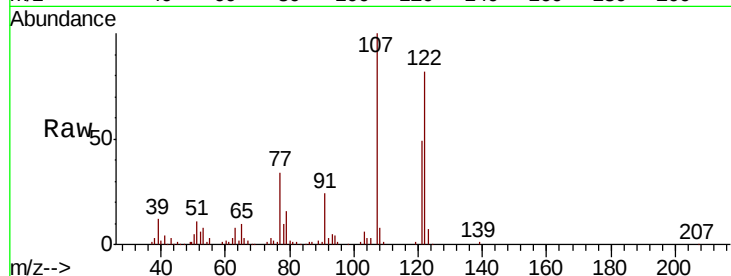
Tot Ion:122 Resp: 90945

Ion Ratio Lower Upper

122 100

107 121.6 104.4 156.6

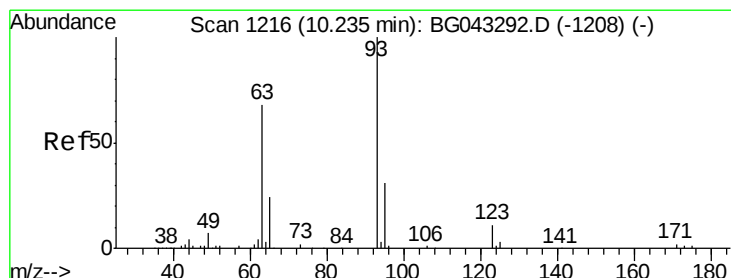
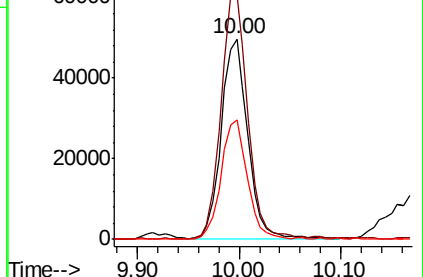
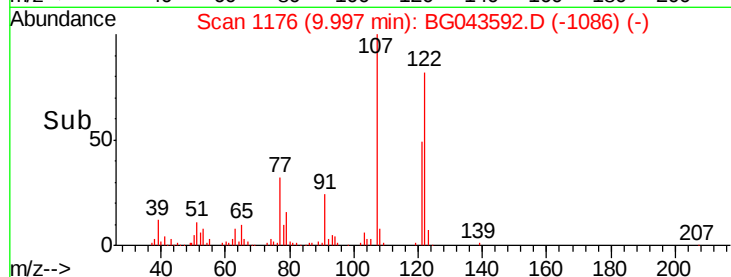
121 59.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.724 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

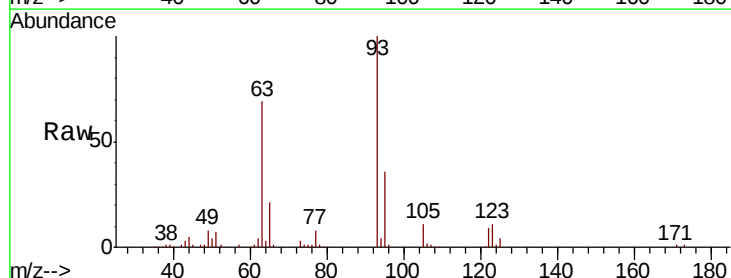
Tgt Ion: 93 Resp: 104756

Ion Ratio Lower Upper

93 100

95 35.8 26.0 39.0

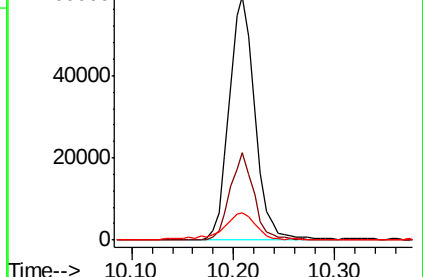
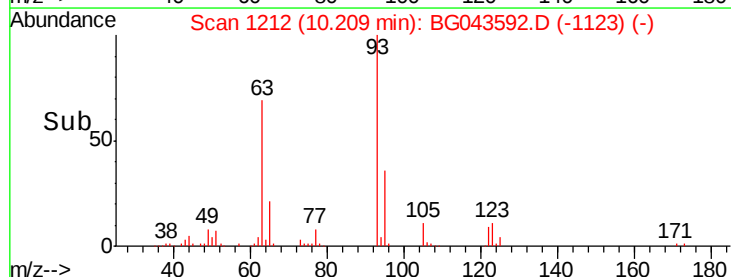
123 11.4 10.6 15.8

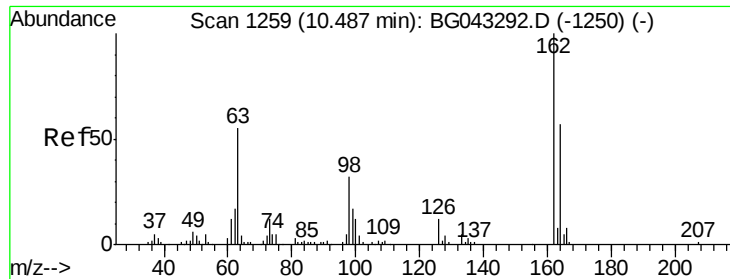


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 51.292 ng

RT: 10.47 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

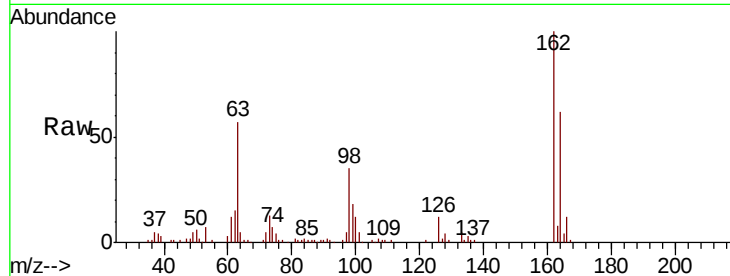
Tot Ion:162 Resp: 100556

Ion Ratio Lower Upper

162 100

164 61.8 48.9 88.9

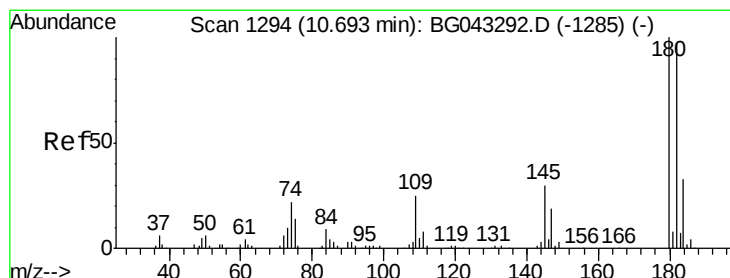
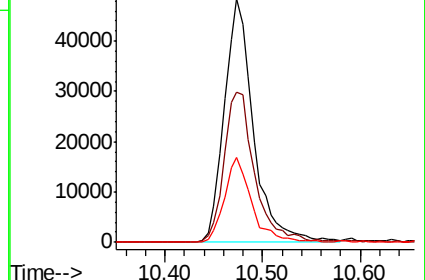
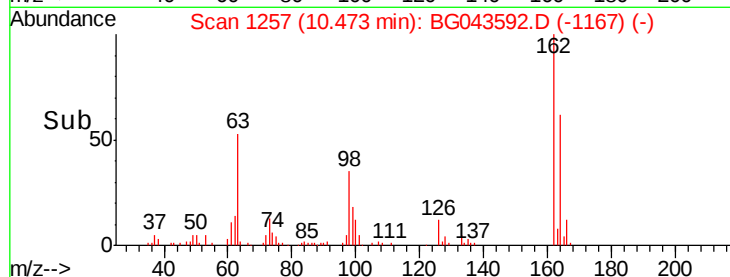
98 35.0 15.1 55.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 41.334 ng

RT: 10.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

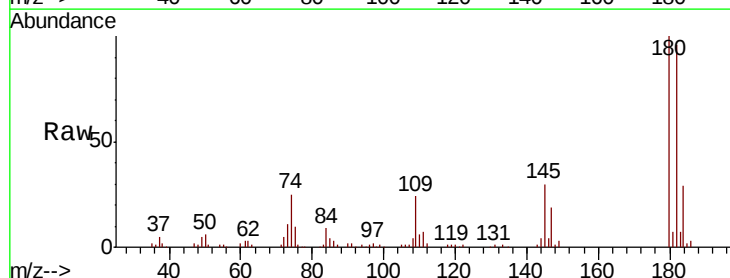
Tgt Ion:180 Resp: 102132

Ion Ratio Lower Upper

180 100

182 95.5 75.1 112.7

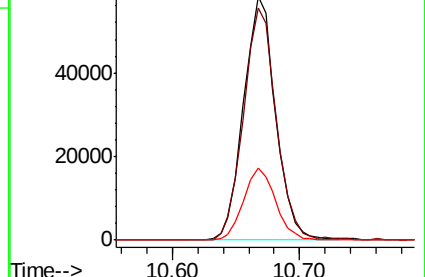
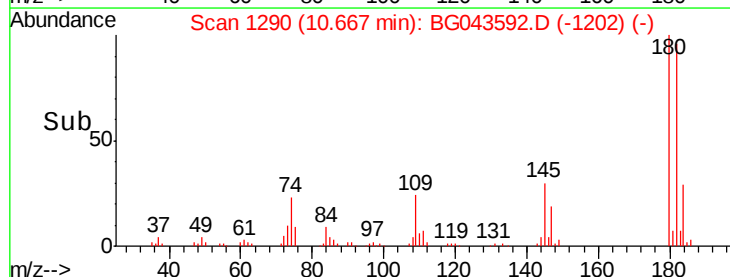
145 29.9 23.9 35.9



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

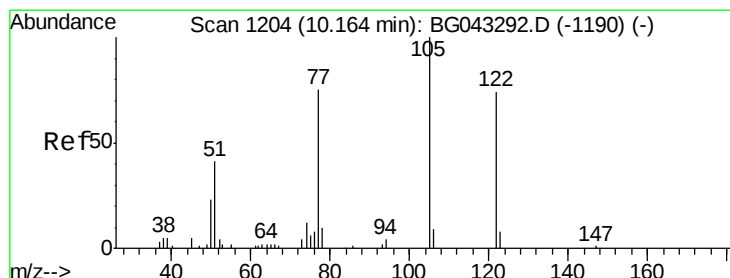
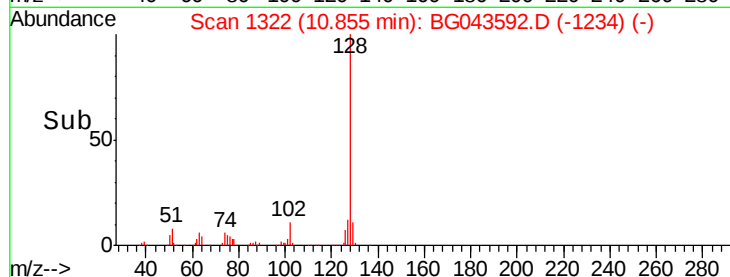
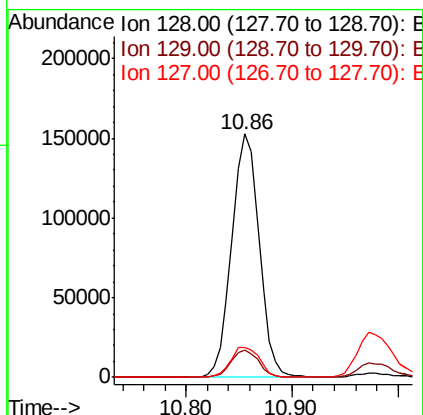
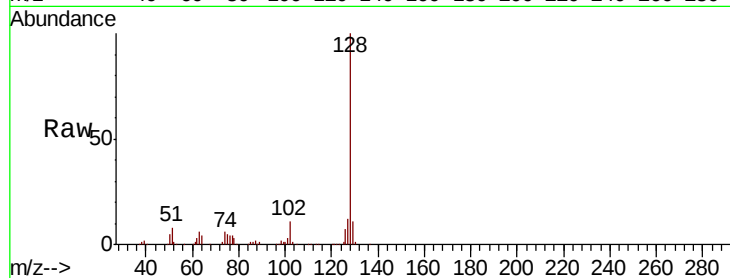




#31
Naphthalene
Concen: 45.318 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

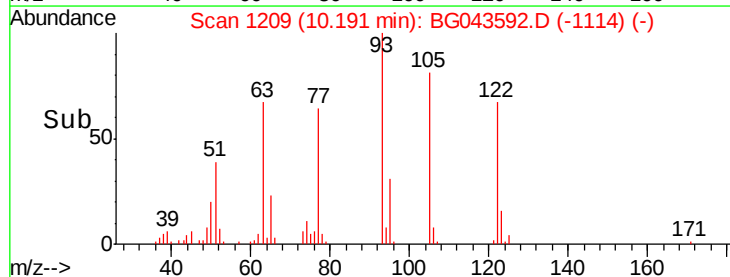
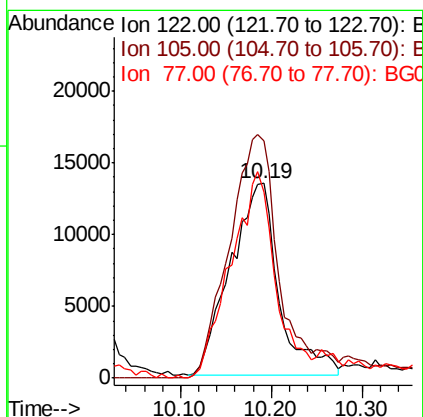
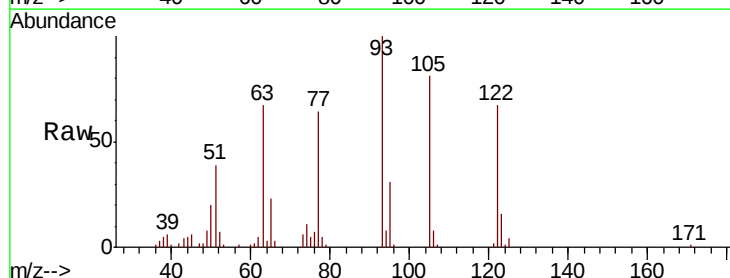
Instrument :
BNA_G
ClientSampleId :
PB124701BS

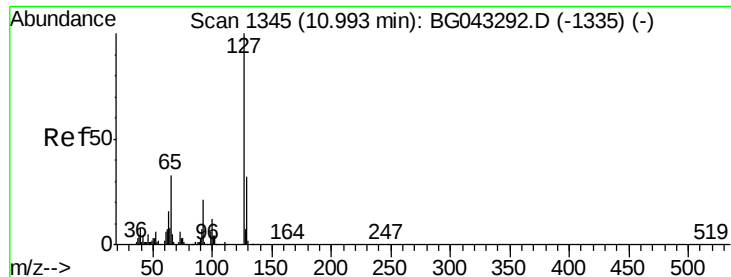
Tot Ion:128 Resp: 275280
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 12.4 11.1 16.7



#32
Benzoic acid
Concen: 43.708 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.03 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Tgt Ion:122 Resp: 49900
Ion Ratio Lower Upper
122 100
105 121.9 103.3 143.3
77 95.6 84.9 124.9

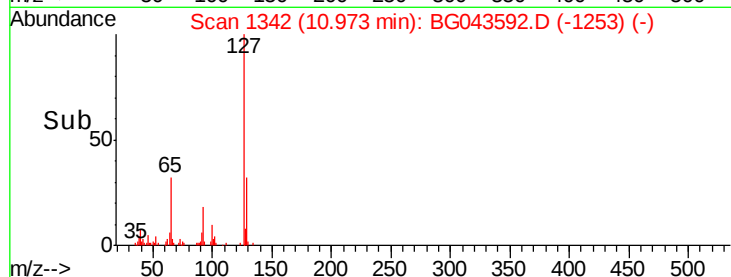
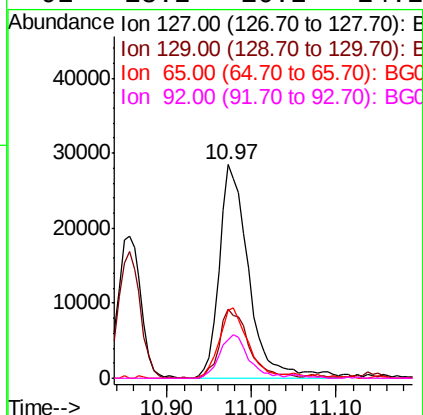
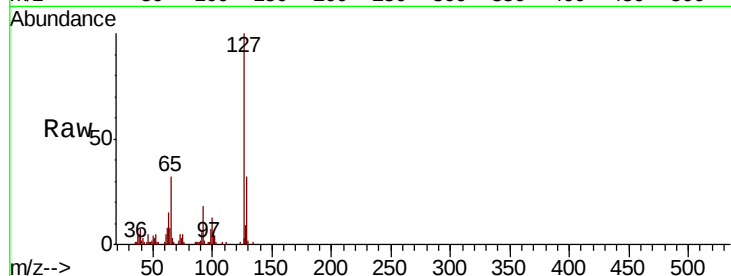




#33
4-Chloroaniline
Concen: 27.716 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

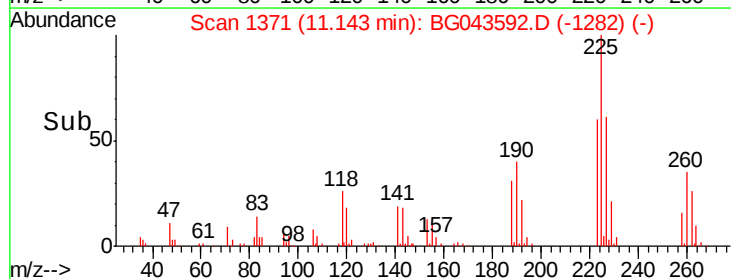
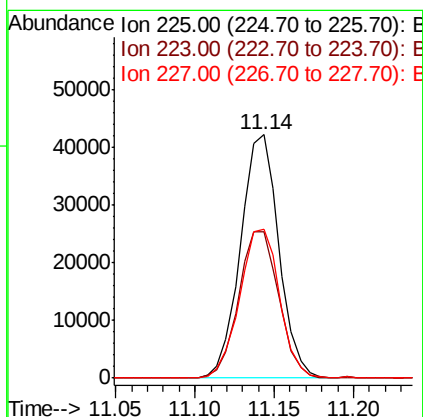
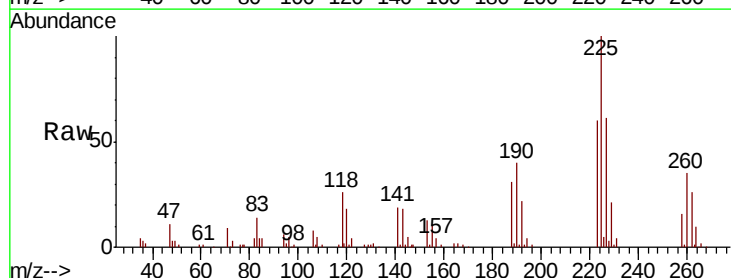
Instrument :
BNA_G
ClientSampleId :
PB124701BS

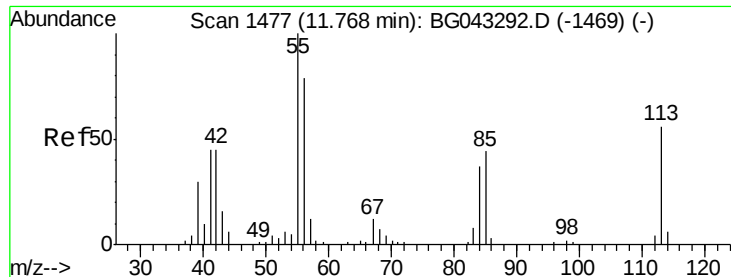
Tot Ion:	127	Resp:	69012
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.5	39.7
65	31.7	26.4	39.6
92	18.2	16.2	24.2



#34
Hexachlorobutadiene
Concen: 38.799 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Tgt Ion:	225	Resp:	70868
Ion	Ratio	Lower	Upper
225	100		
223	60.2	52.7	79.1
227	61.1	54.8	82.2





#35

Caprolactam

Concen: 22.551 ng

RT: 11.74 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

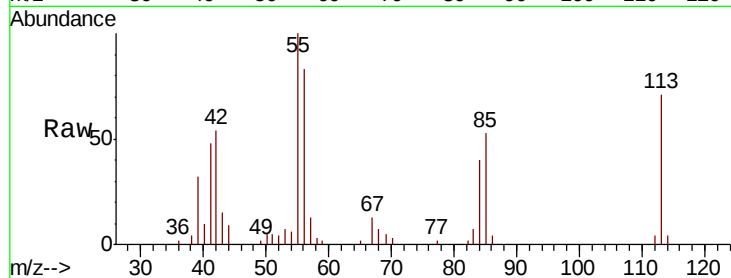
Tot Ion:113 Resp: 15226

Ion Ratio Lower Upper

113 100

55 140.8 134.1 174.1

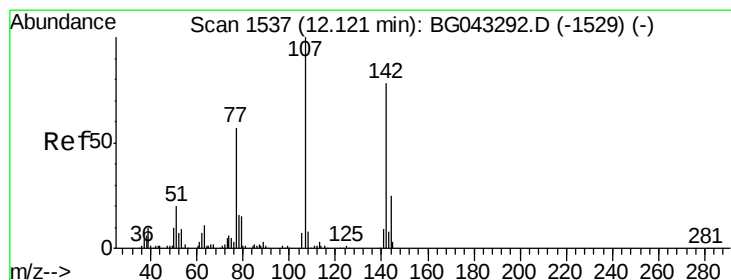
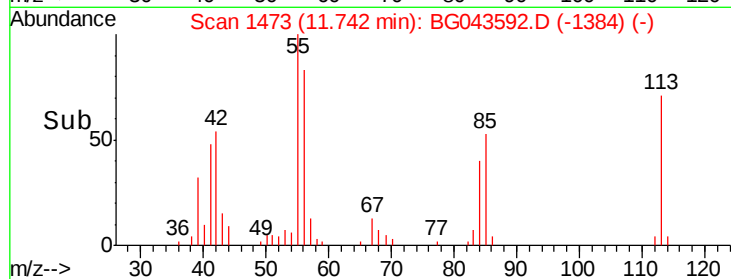
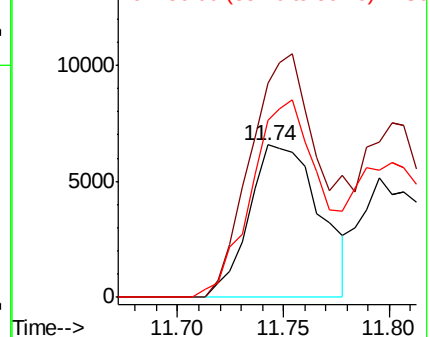
56 116.2 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG043292.D (-1469) (-)

Ion 56.00 (55.70 to 56.70): BG043292.D (-1469) (-)



#36

4-Chloro-3-methylphenol

Concen: 51.437 ng

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

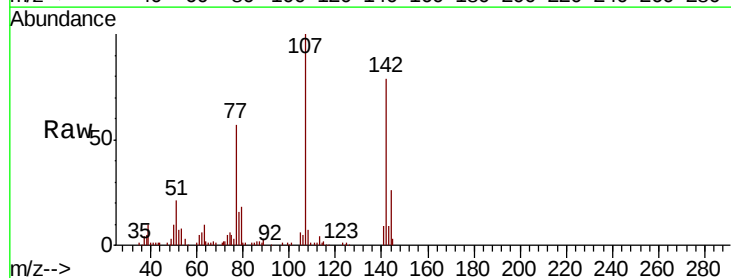
Tgt Ion:107 Resp: 109995

Ion Ratio Lower Upper

107 100

144 25.9 20.9 31.3

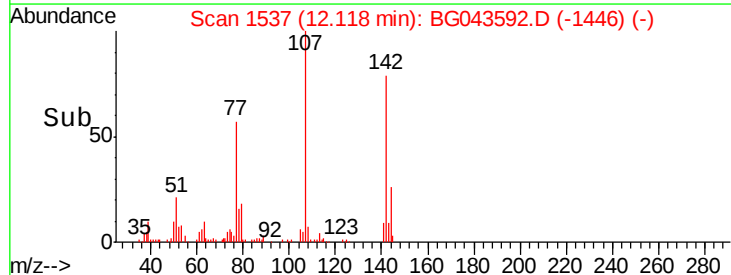
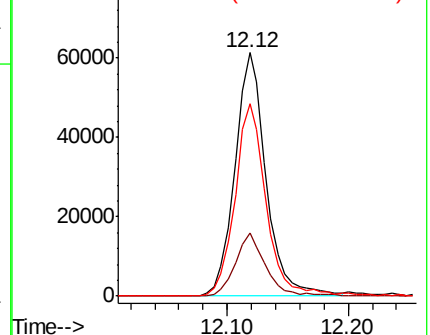
142 79.1 59.6 89.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

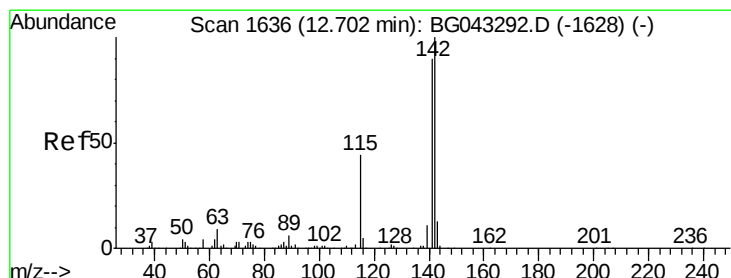
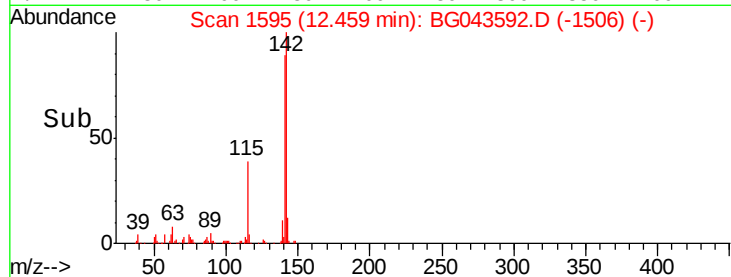
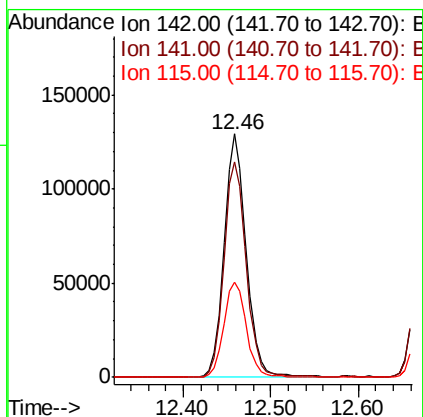
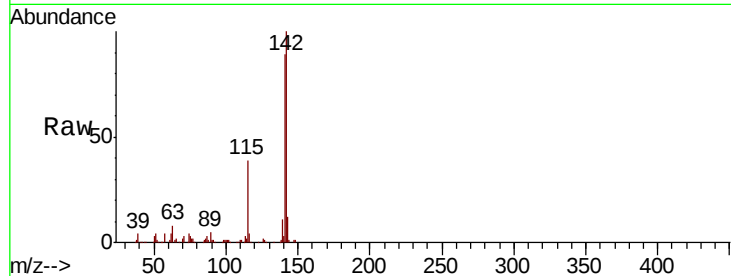




#37
 2-Methylnaphthalene
 Concen: 48.029 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BG043592.D
 Acq: 11 Nov 2019 20:38

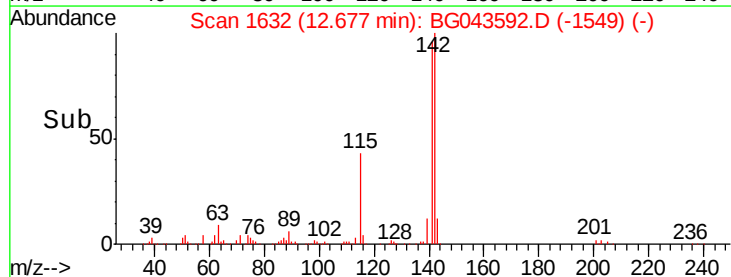
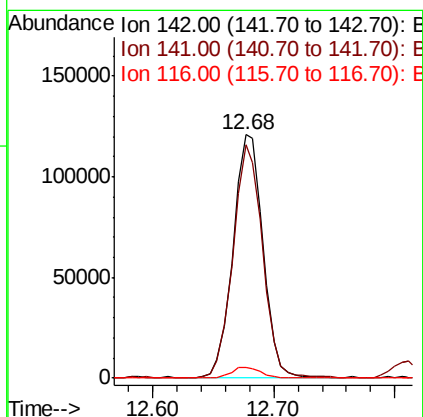
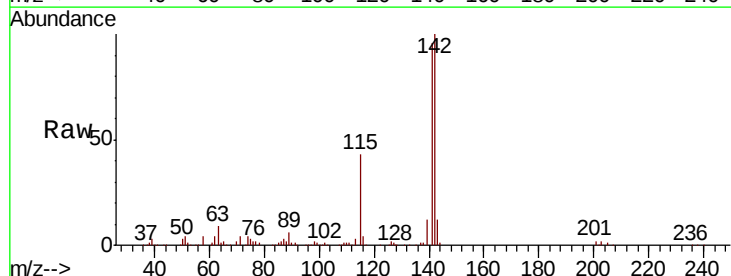
Instrument :
 BNA_G
 ClientSampleId :
 PB124701BS

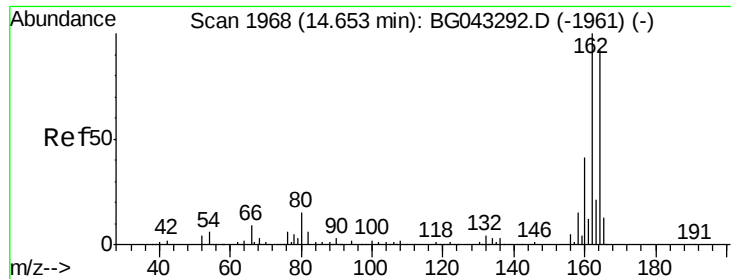
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.2	108.2
115	39.0	33.2	49.8



#38
 1-Methylnaphthalene
 Concen: 46.793 ng
 RT: 12.68 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BG043592.D
 Acq: 11 Nov 2019 20:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.6	73.2	109.8
116	4.3	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

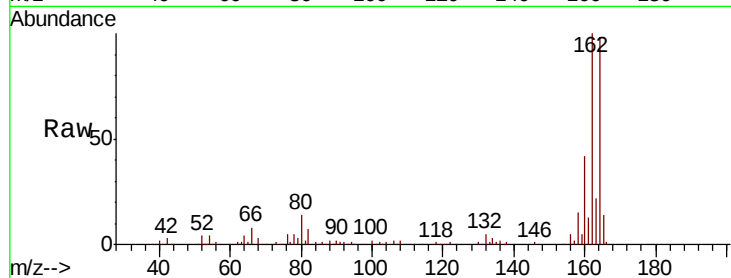
Tot Ion:164 Resp: 97979

Ion Ratio Lower Upper

164 100

162 102.2 83.5 125.3

160 43.1 36.5 54.7

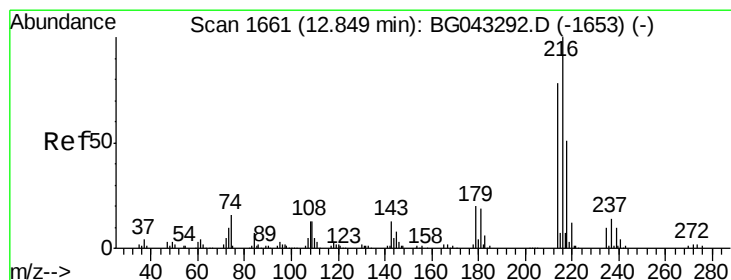
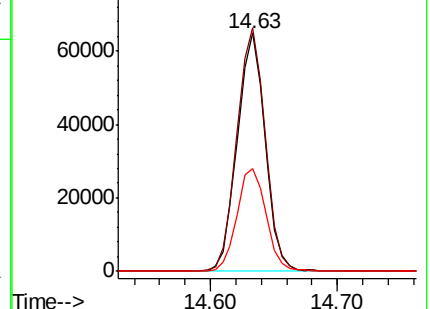
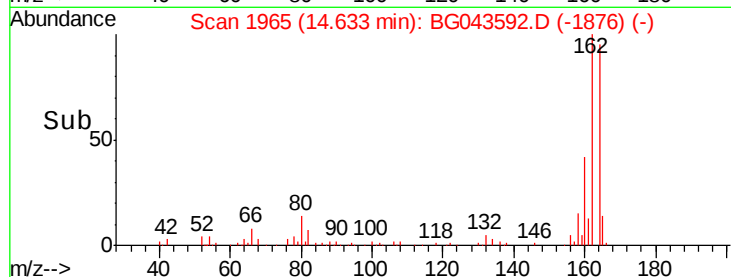


Abundance

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: 38.597 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Tgt Ion:216 Resp: 139955

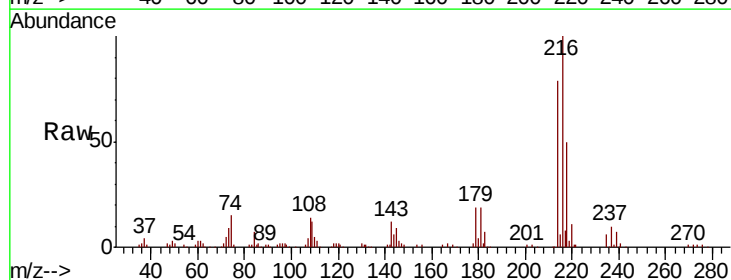
Ion Ratio Lower Upper

216 100

214 78.7 61.7 92.5

179 20.1 15.8 23.8

108 15.9 11.5 17.3



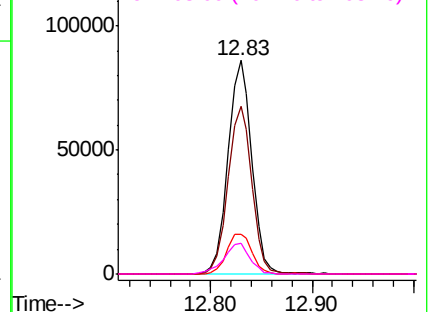
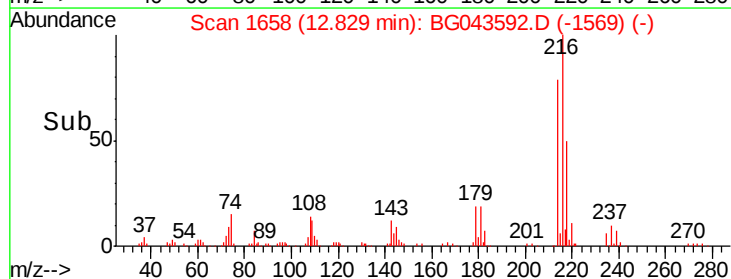
Abundance

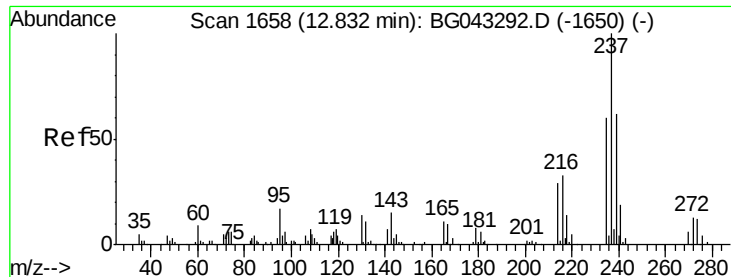
Ion 216.00 (215.70 to 216.70): E

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: 66.938 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

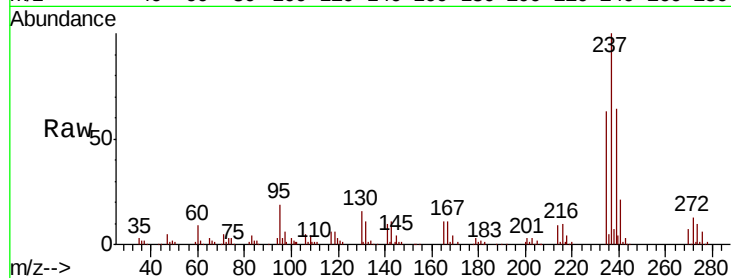
Tot Ion:237 Resp: 127502

Ion Ratio Lower Upper

237 100

235 62.6 41.6 81.6

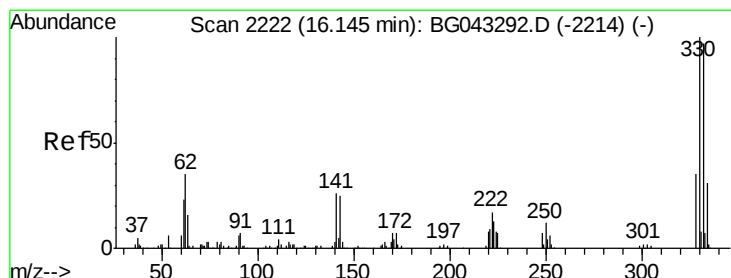
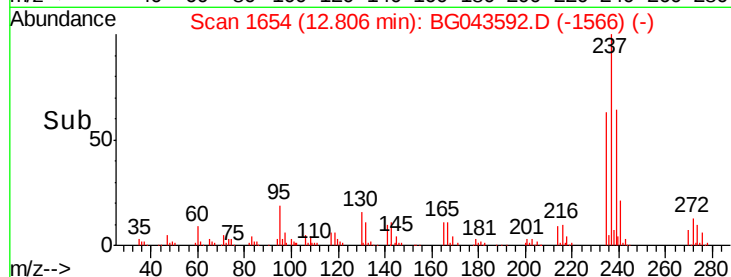
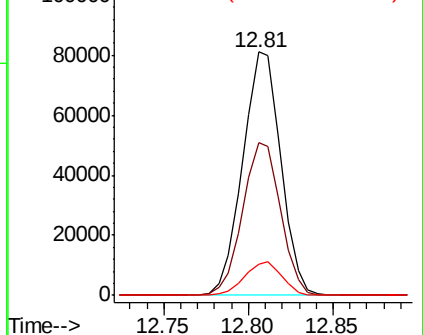
272 12.7 0.0 32.5



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: 119.759 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

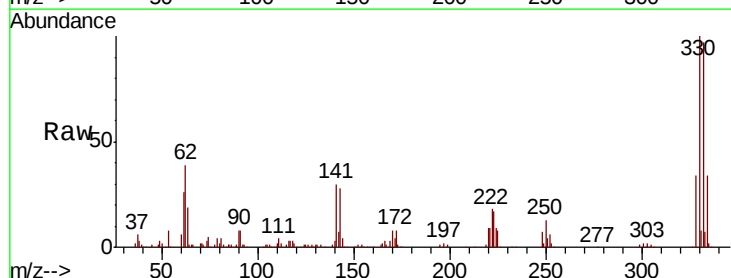
Tgt Ion:330 Resp: 223296

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

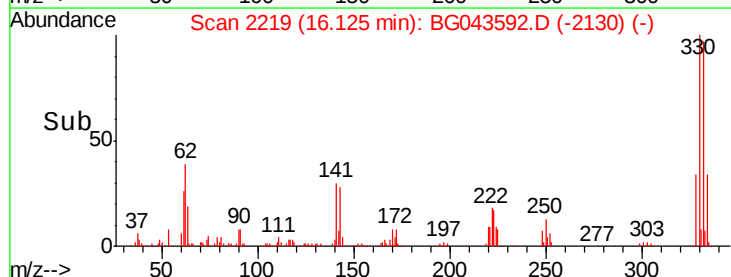
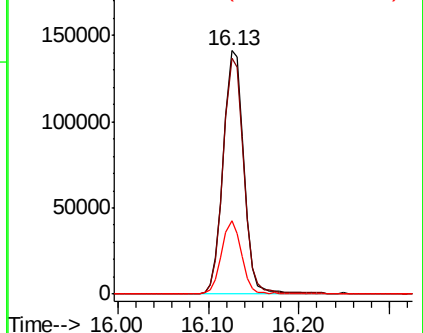
141 29.0 22.8 34.2

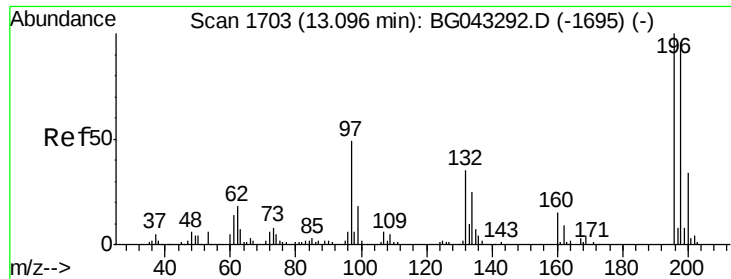


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

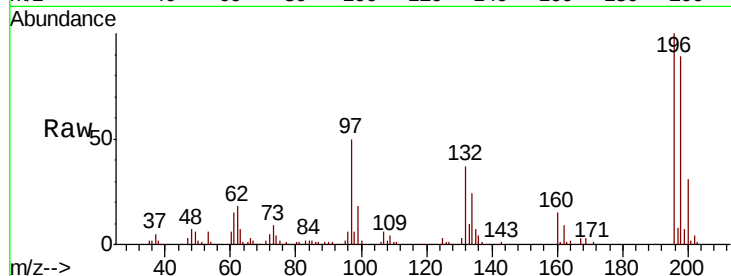




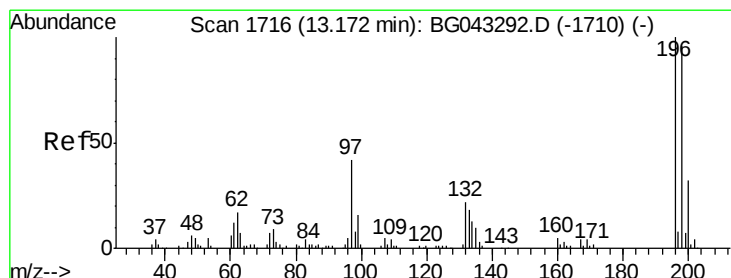
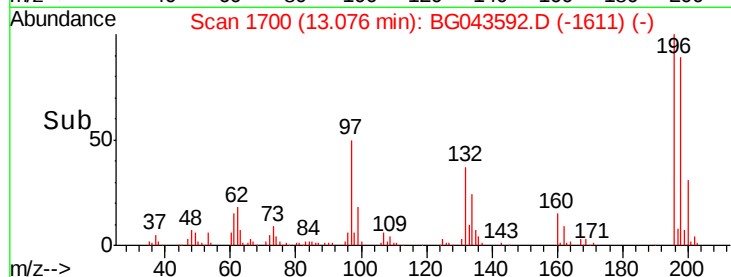
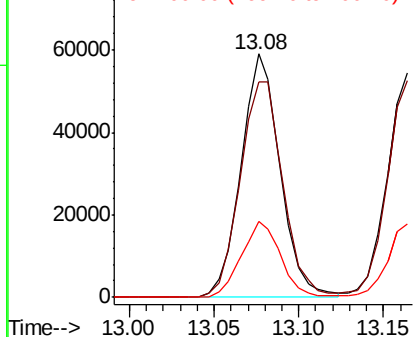
#43
 2,4,6-Trichlorophenol
 Concen: 44.424 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG043592.D
 Acq: 11 Nov 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :
 PB124701BS

Tot Ion:196 Resp: 94863
 Ion Ratio Lower Upper
 196 100
 198 88.7 75.8 113.6
 200 31.1 23.9 35.9

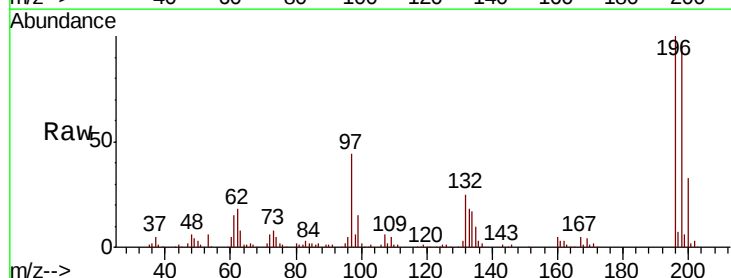


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

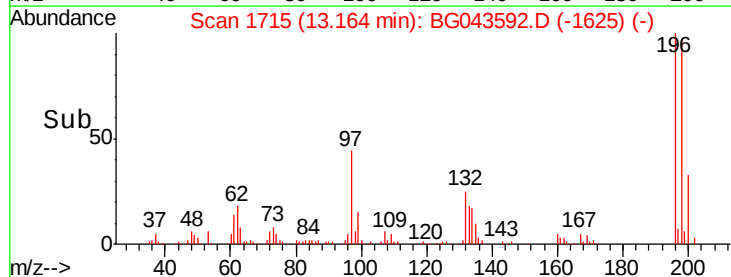
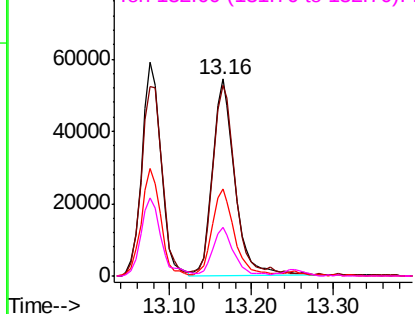


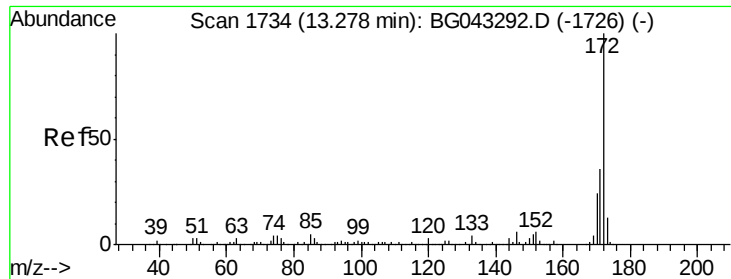
#44
 2,4,5-Trichlorophenol
 Concen: 47.768 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043592.D
 Acq: 11 Nov 2019 20:38

Tgt Ion:196 Resp: 103124
 Ion Ratio Lower Upper
 196 100
 198 96.7 74.5 111.7
 97 44.2 36.3 54.5
 132 25.0 17.4 26.2



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

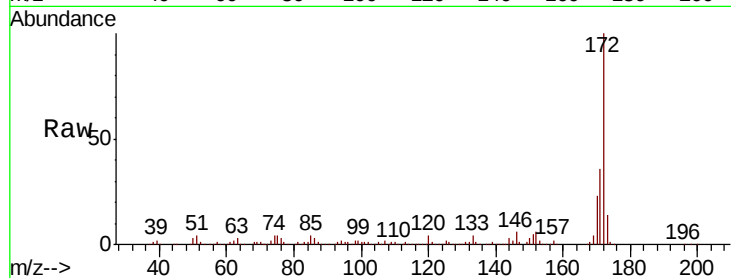




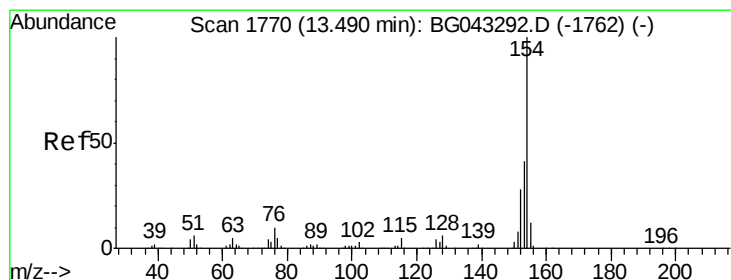
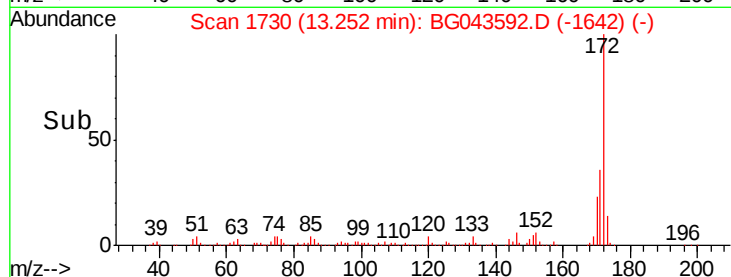
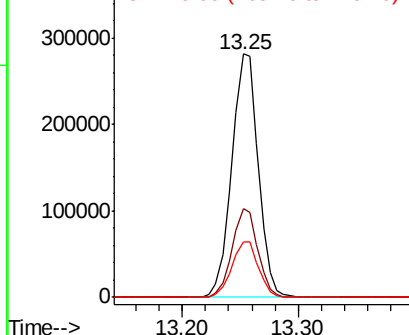
#45
2-Fluorobiphenyl
Concen: 63.098 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion:172 Resp: 447410
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 22.7 18.5 27.7

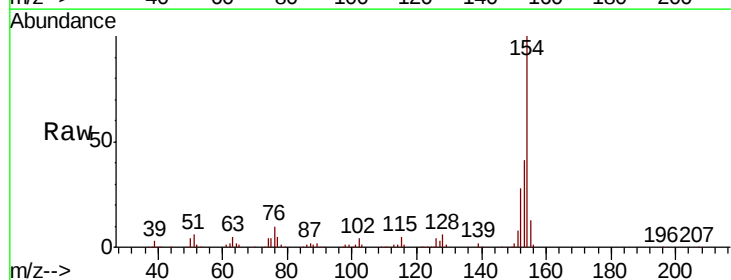


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

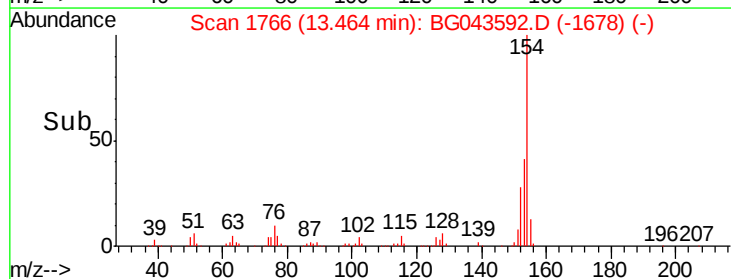
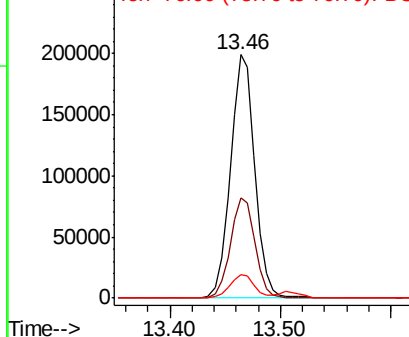


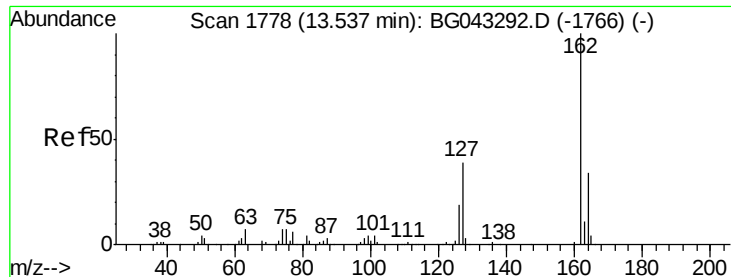
#46
1,1'-Biphenyl
Concen: 41.125 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Tgt Ion:154 Resp: 306532
Ion Ratio Lower Upper
154 100
153 41.1 19.9 59.9
76 9.8 0.0 29.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

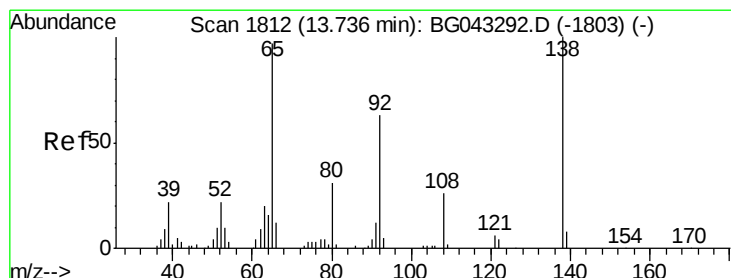
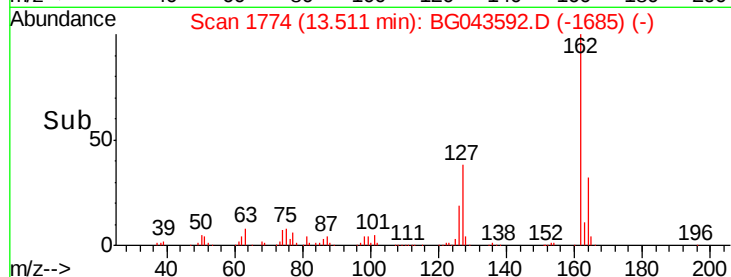
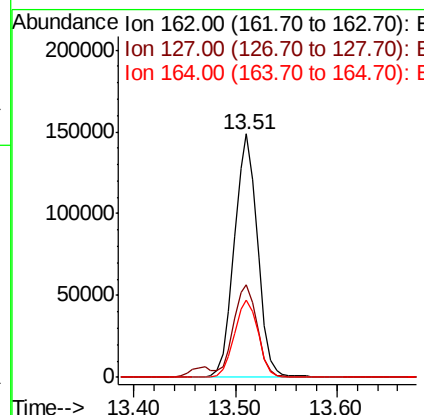
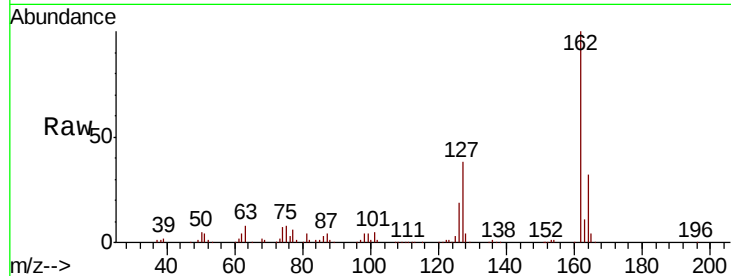




#47
2-Chloronaphthalene
Concen: 41.646 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

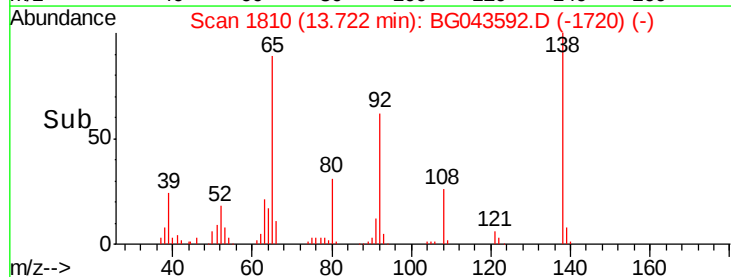
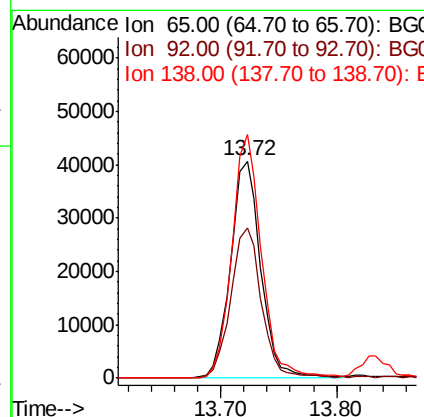
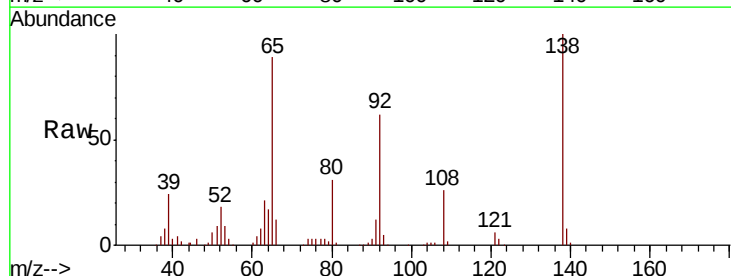
Instrument :
BNA_G
ClientSampleId :
PB124701BS

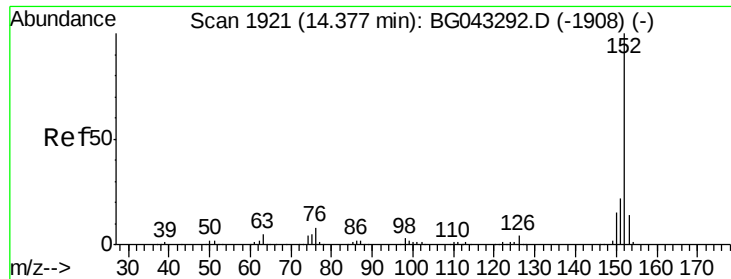
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	31.2	46.8
164	31.9	25.8	38.8



#48
2-Nitroaniline
Concen: 43.580 ng
RT: 13.72 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	56.2	84.2
138	112.3	82.6	123.8





#49

Acenaphthylene

Concen: 44.967 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

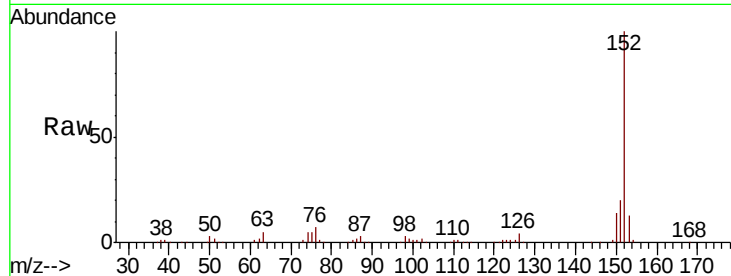
Tot Ion:152 Resp: 396900

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4

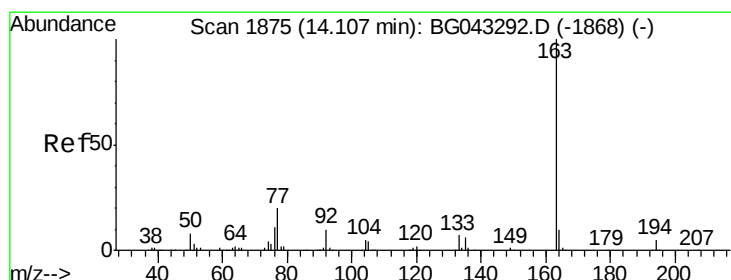
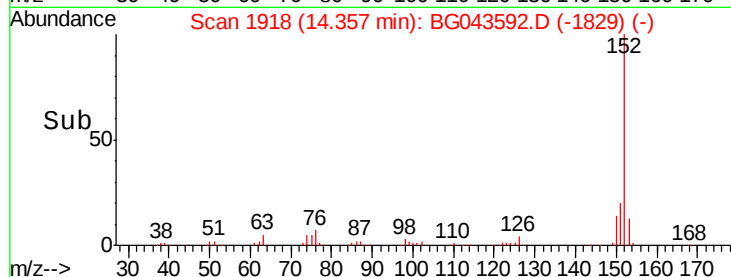
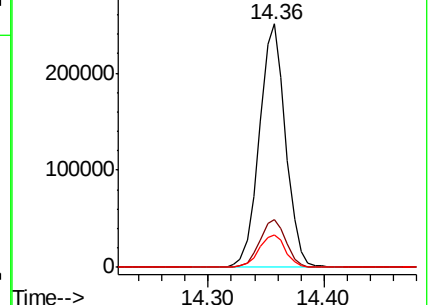
153 13.3 10.6 15.8



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: 44.063 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

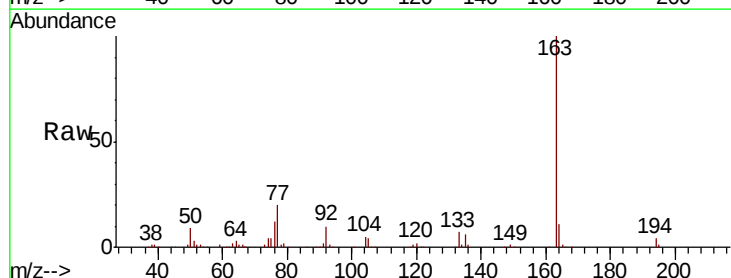
Tgt Ion:163 Resp: 334404

Ion Ratio Lower Upper

163 100

194 4.4 3.8 5.6

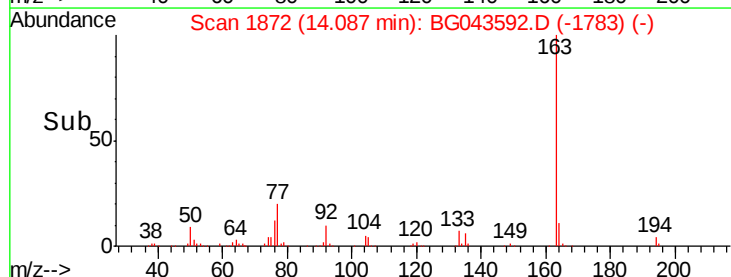
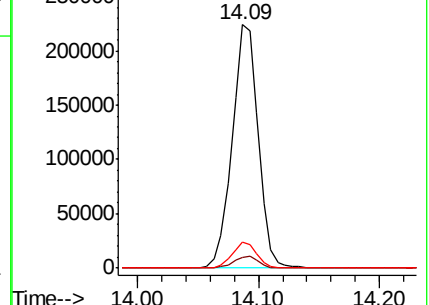
164 10.6 8.9 13.3

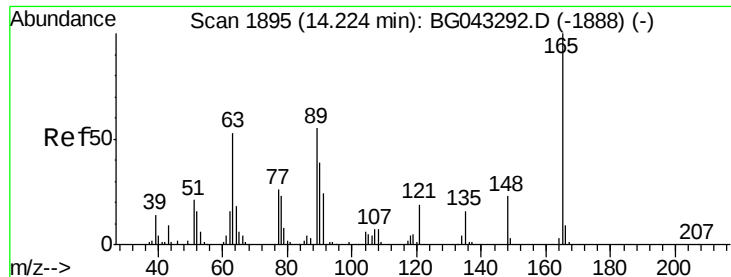


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

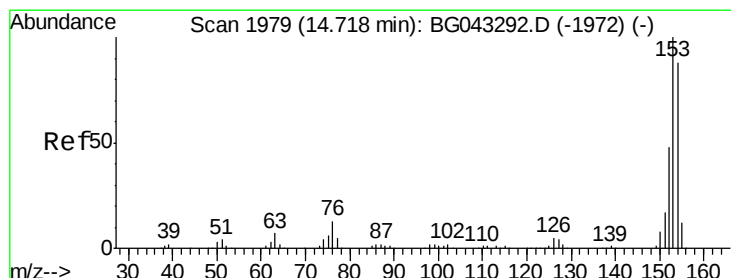
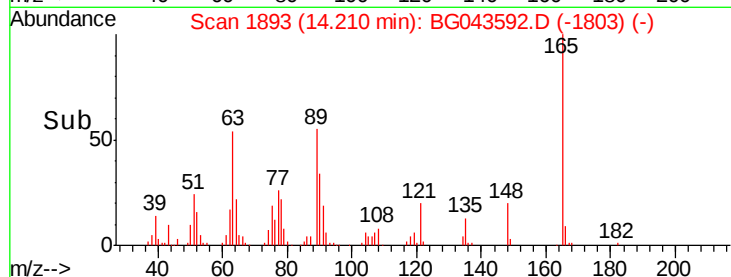
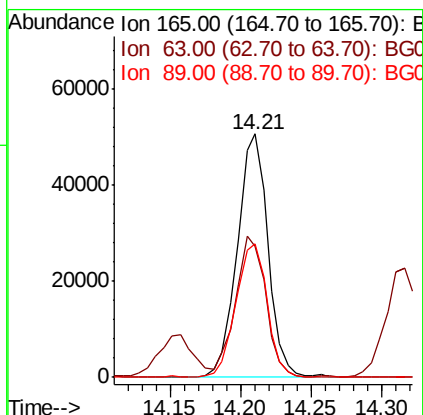
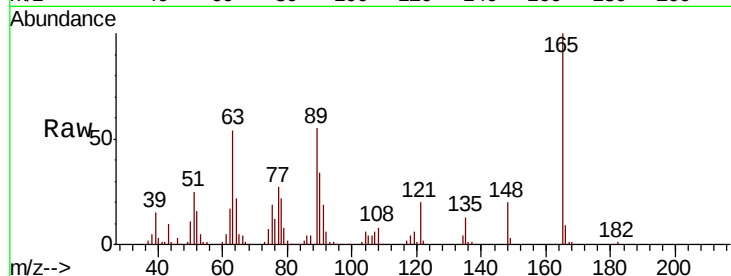




#51
 2,6-Dinitrotoluene
 Concen: 46.456 ng
 RT: 14.21 min Scan# 1893
 Delta R.T. -0.00 min
 Lab File: BG043592.D
 Acq: 11 Nov 2019 20:38

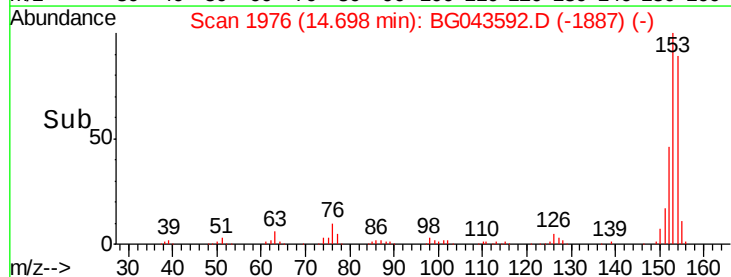
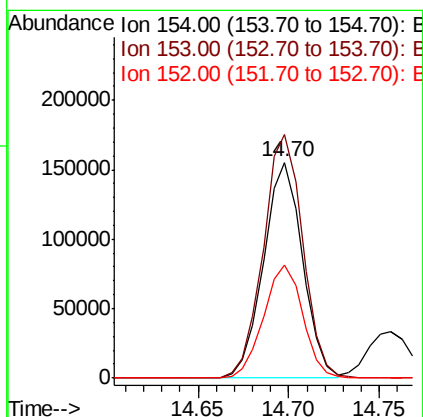
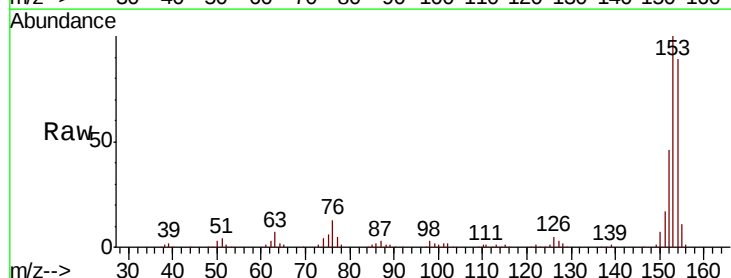
Instrument :
 BNA_G
 ClientSampleId :
 PB124701BS

Tot Ion:165 Resp: 76594
 Ion Ratio Lower Upper
 165 100
 63 53.6 46.6 69.8
 89 54.7 45.1 67.7



#52
 Acenaphthene
 Concen: 43.265 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BG043592.D
 Acq: 11 Nov 2019 20:38

Tgt Ion:154 Resp: 232885
 Ion Ratio Lower Upper
 154 100
 153 112.8 88.2 132.2
 152 52.4 40.0 60.0





#53

3-Nitroaniline

Concen: 30.943 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

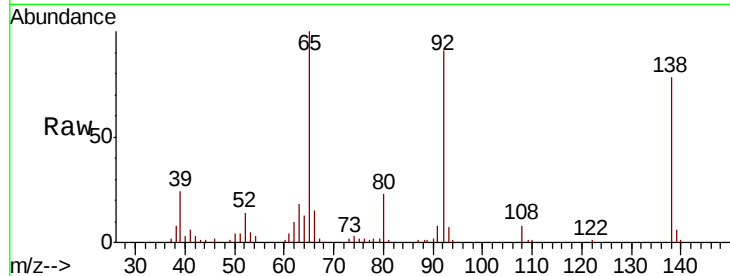
Tot Ion:138 Resp: 49255

Ion Ratio Lower Upper

138 100

108 10.2 8.0 12.0

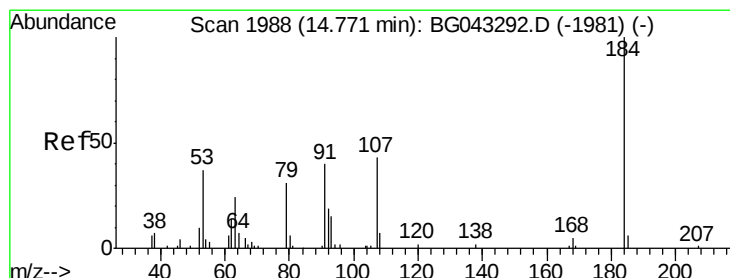
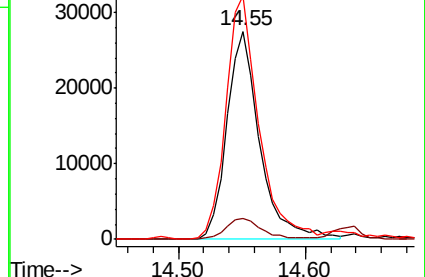
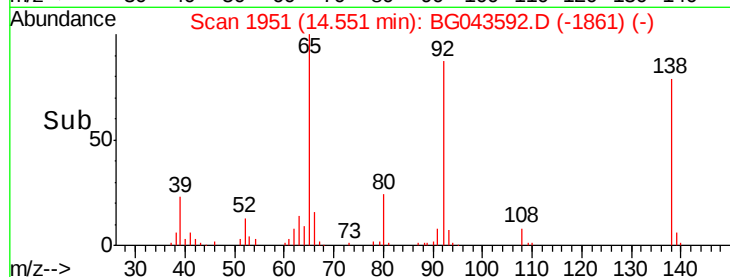
92 116.9 90.9 136.3



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: 88.864 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

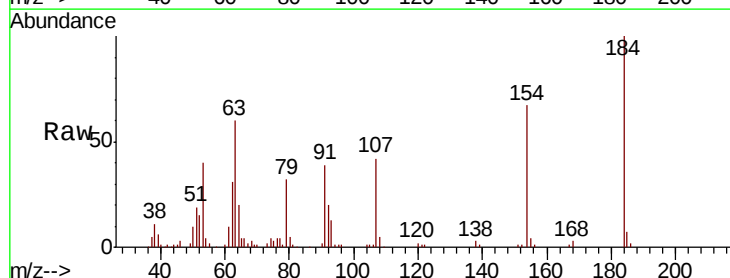
Tgt Ion:184 Resp: 92404

Ion Ratio Lower Upper

184 100

63 60.1 51.3 76.9

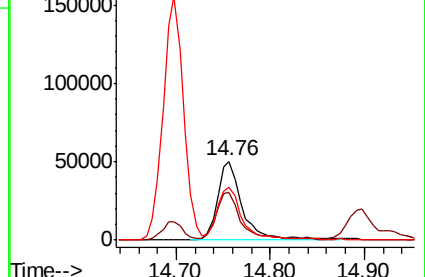
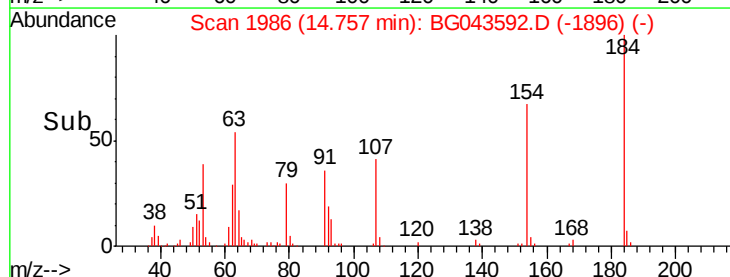
154 67.4 55.4 83.0

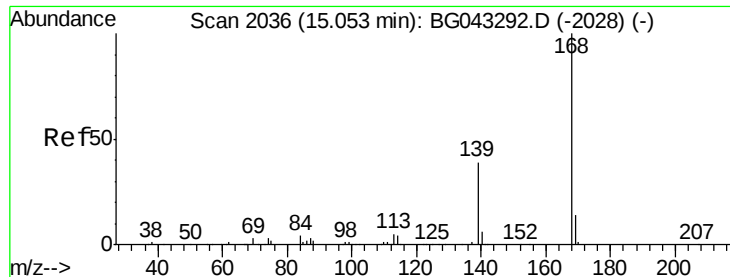


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

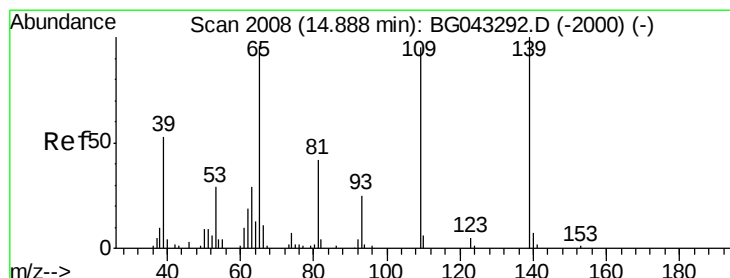
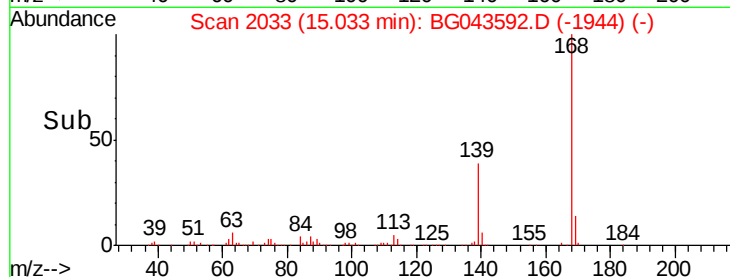
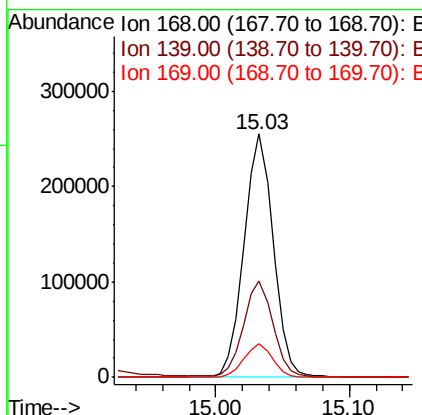
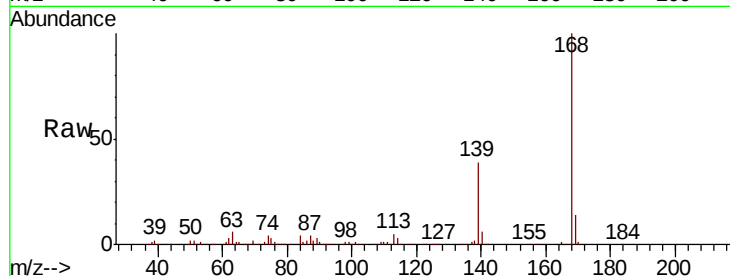




#55
Dibenzenofuran
Concen: 44.140 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

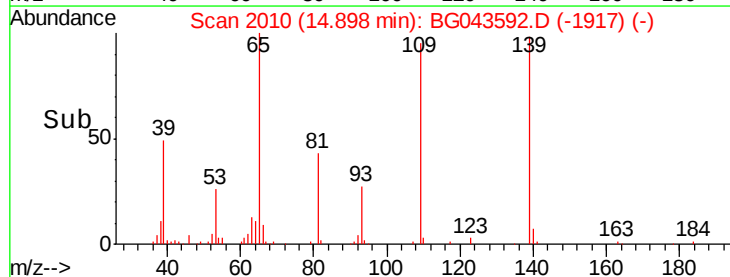
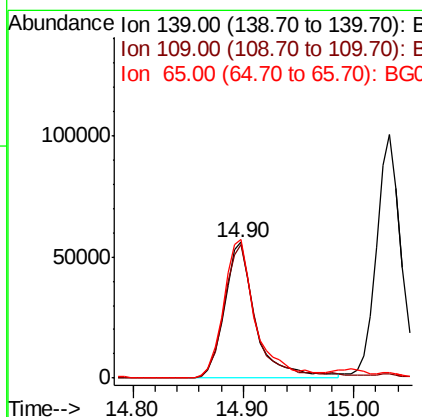
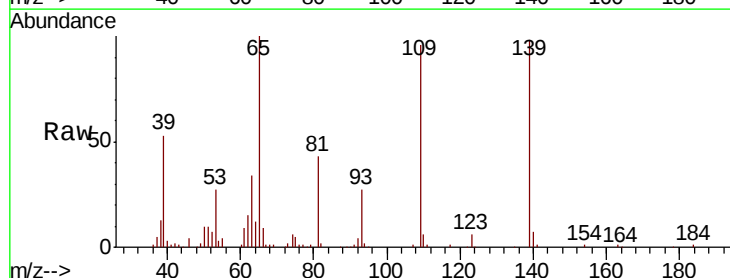
Instrument :
BNA_G
ClientSampleId :
PB124701BS

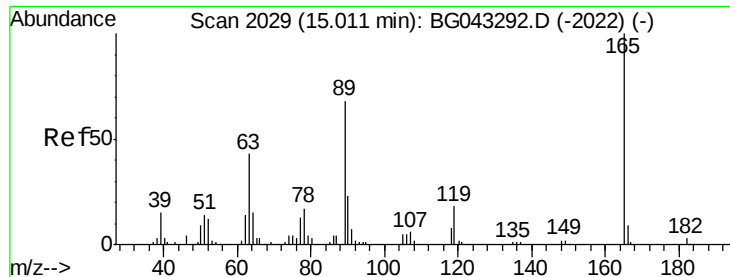
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	31.0	46.6
169	13.9	11.7	17.5



#56
4-Nitrophenol
Concen: 103.191 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.02 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.9	87.2	127.2
65	102.2	83.8	123.8

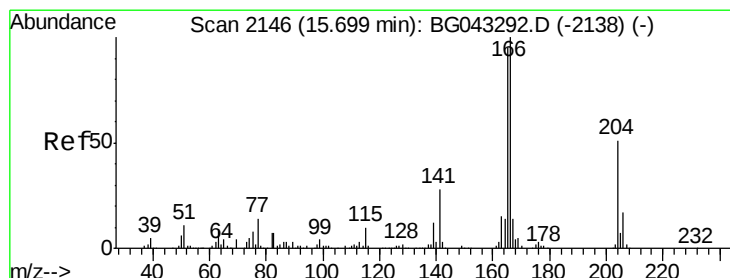
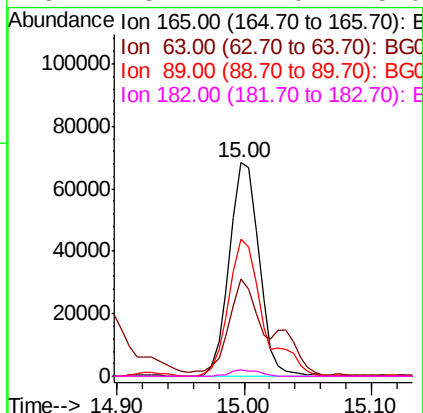
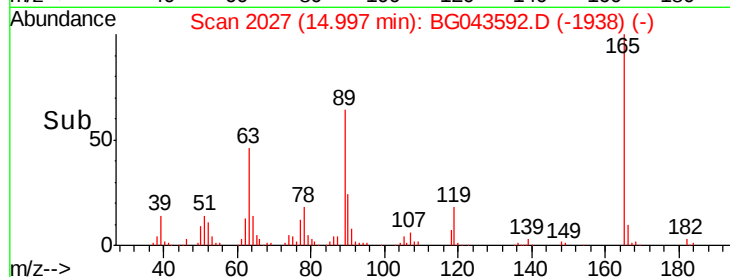
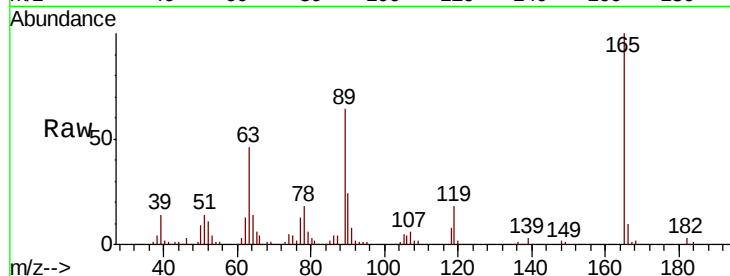




#57
2,4-Dinitrotoluene
Concen: 47.283 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

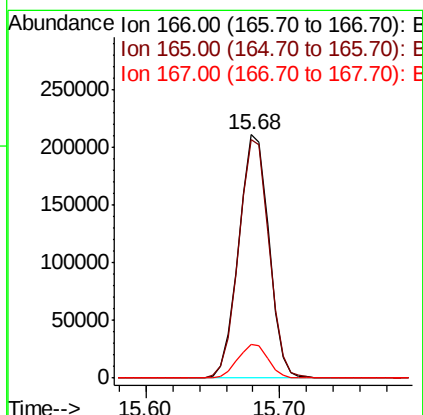
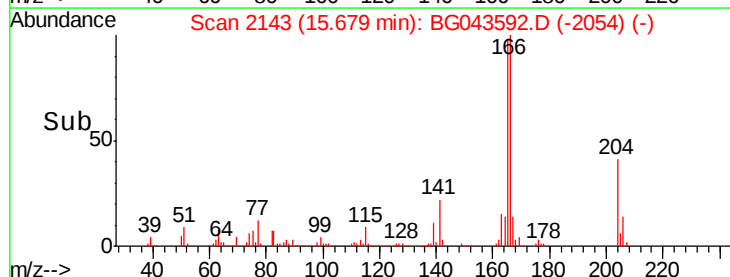
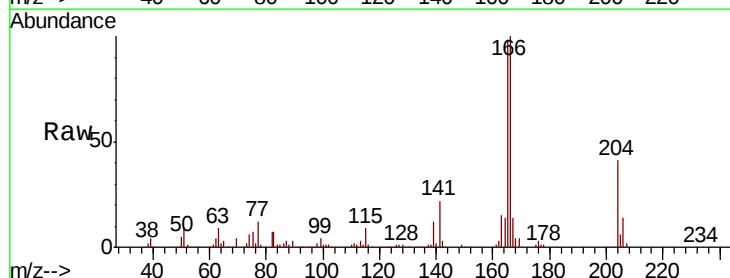
Instrument :
BNA_G
ClientSampleId :
PB124701BS

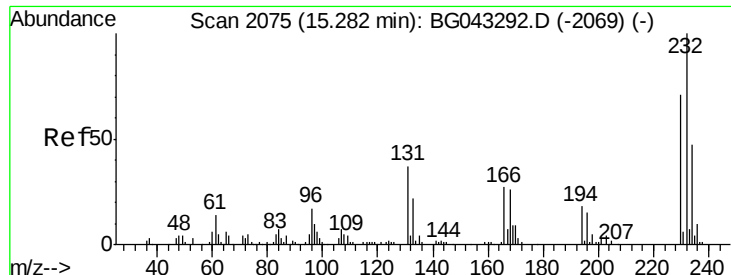
Tot Ion:165 Resp: 111409
Ion Ratio Lower Upper
165 100
63 45.7 33.2 49.8
89 64.3 52.2 78.4
182 3.2 2.0 3.0#



#58
Fluorene
Concen: 45.089 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Tgt Ion:166 Resp: 330102
Ion Ratio Lower Upper
166 100
165 98.1 79.0 118.6
167 13.8 10.5 15.7

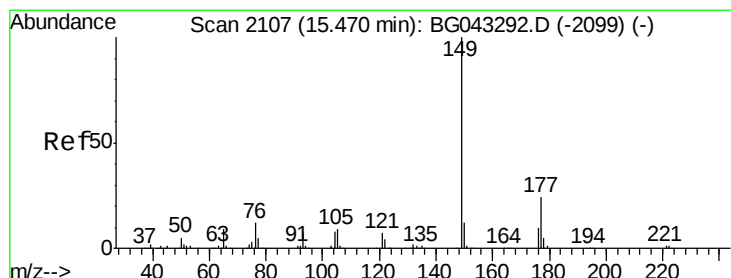
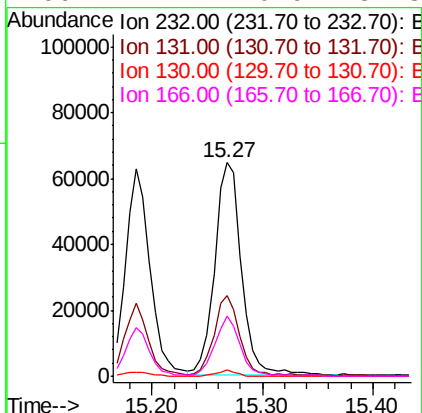
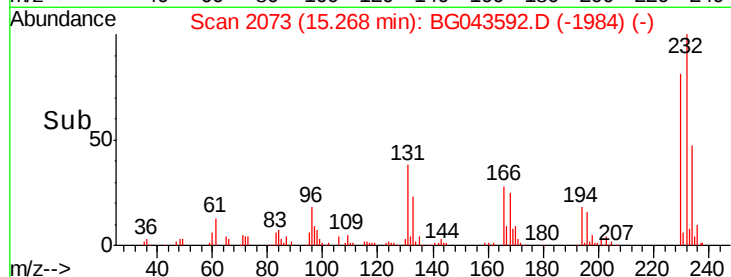
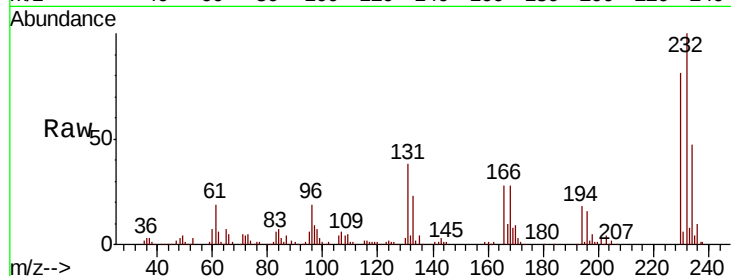




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.212 ng
 RT: 15.27 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG043592.D
 Acq: 11 Nov 2019 20:38

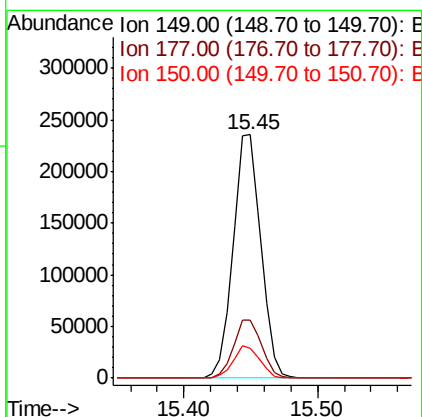
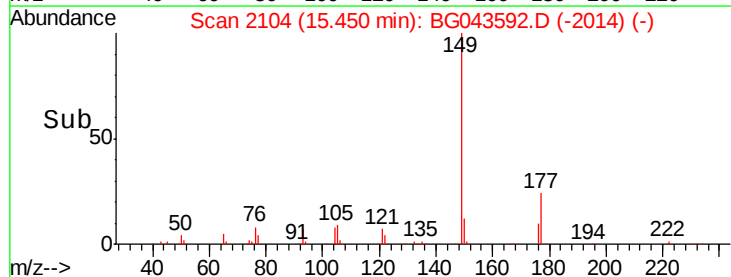
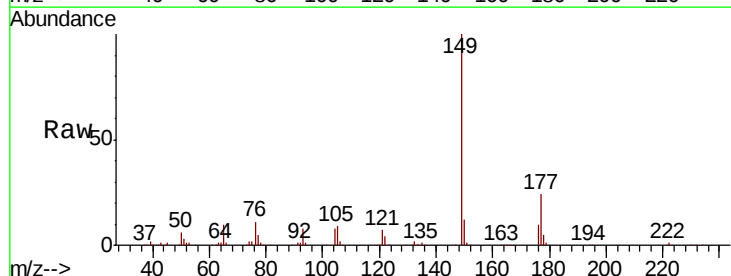
Instrument :
 BNA_G
 ClientSampleId :
 PB124701BS

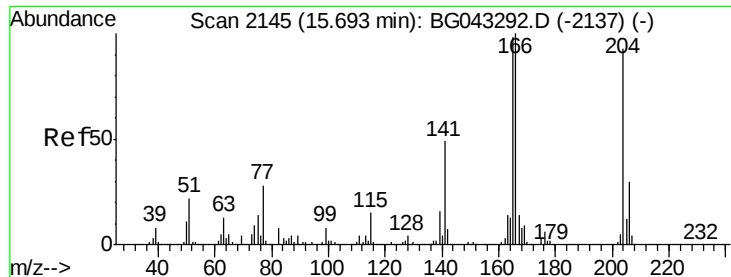
Tot Ion:	232	Resp:	108290
Ion	Ratio	Lower	Upper
232	100		
131	35.6	26.9	40.3
130	2.1	1.8	2.6
166	27.1	20.9	31.3



#60
 Diethylphthalate
 Concen: 44.533 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BG043592.D
 Acq: 11 Nov 2019 20:38

Tgt Ion:	149	Resp:	339585
Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.6	29.4
150	12.2	10.8	16.2

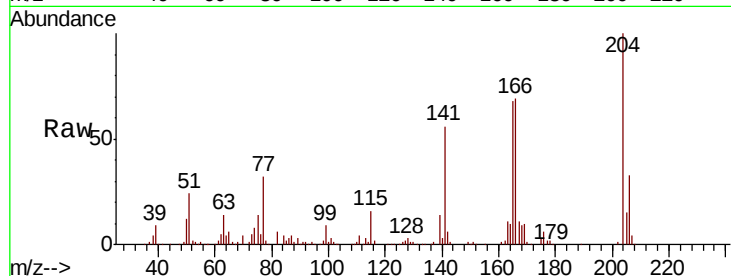




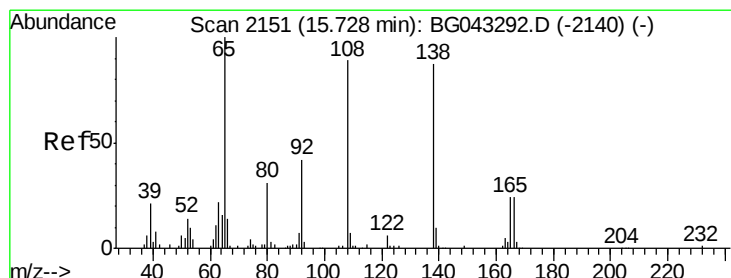
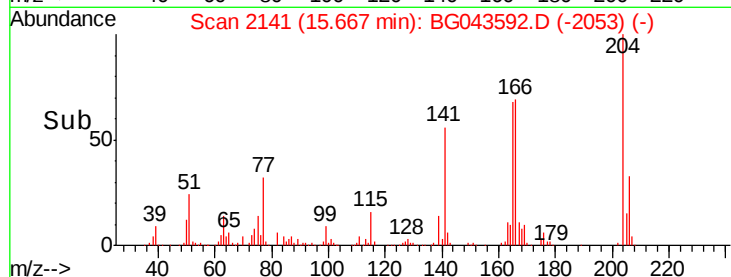
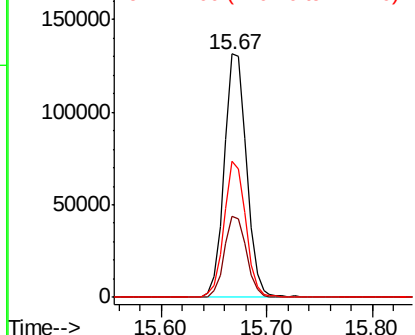
#61
4-Chlorophenyl-phenylether
Concen: 45.044 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion:204 Resp: 192381
Ion Ratio Lower Upper
204 100
206 33.3 28.4 42.6
141 56.1 43.0 64.6

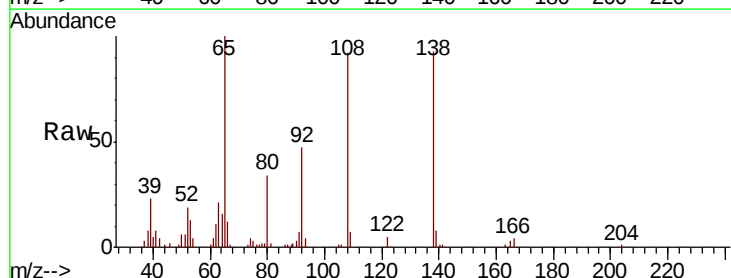


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

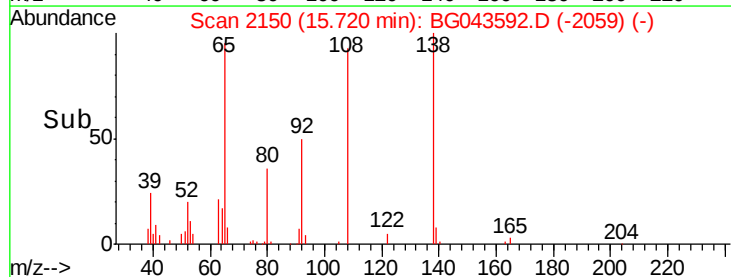
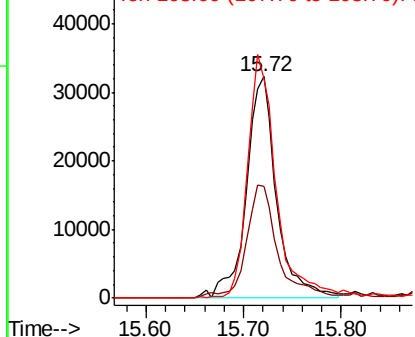


#62
4-Nitroaniline
Concen: 42.734 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Tgt Ion:138 Resp: 70252
Ion Ratio Lower Upper
138 100
92 50.4 33.4 73.4
108 99.1 78.0 118.0



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

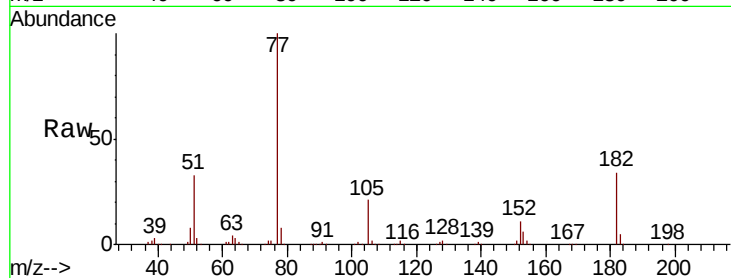




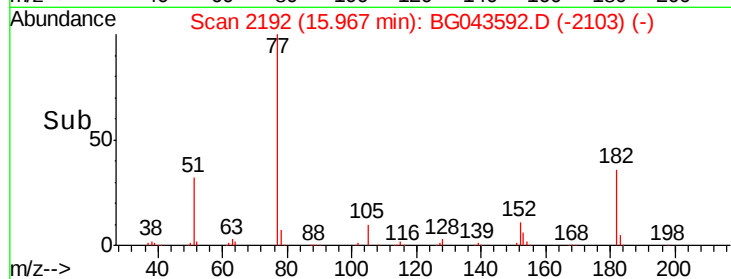
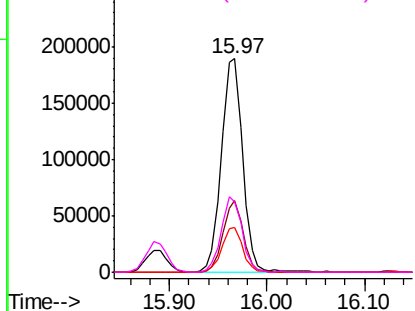
#63
Azobenzene
Concen: 46.327 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion:	77	Resp:	285902
Ion	Ratio	Lower	Upper
77	100		
182	33.8	13.7	53.7
105	20.7	0.4	40.4
51	33.2	11.0	51.0

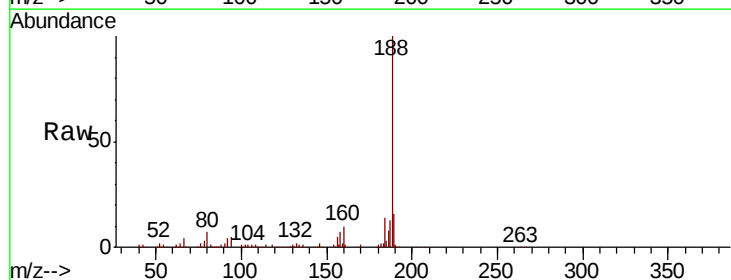


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

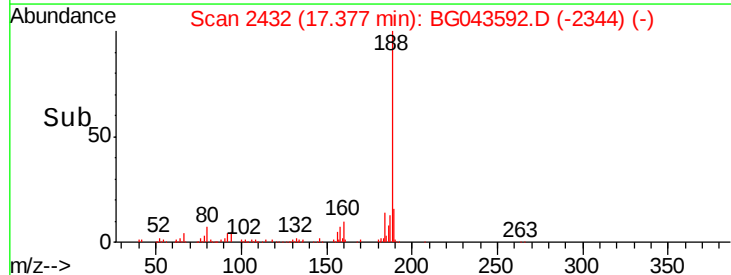
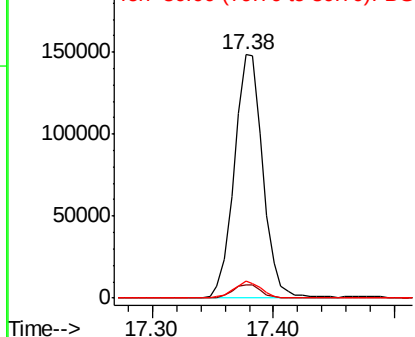


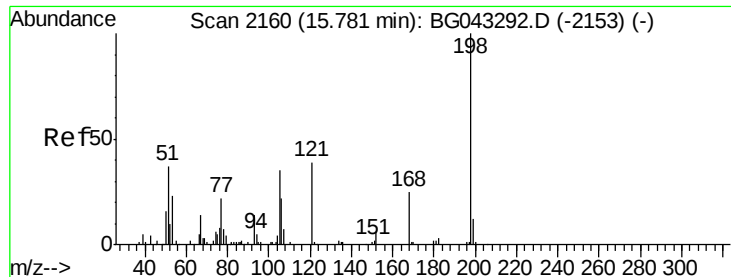
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Tgt Ion:	188	Resp:	245252
Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.2	6.4
80	7.3	4.5	6.7#



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: 48.695 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

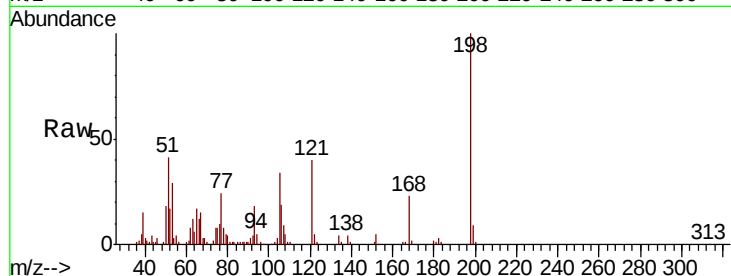
Tot Ion:198 Resp: 70282

Ion Ratio Lower Upper

198 100

51 41.0 13.2 53.2

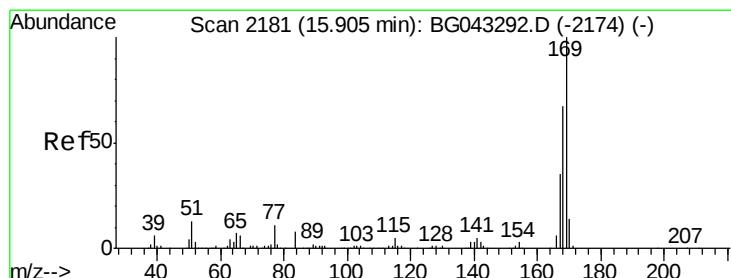
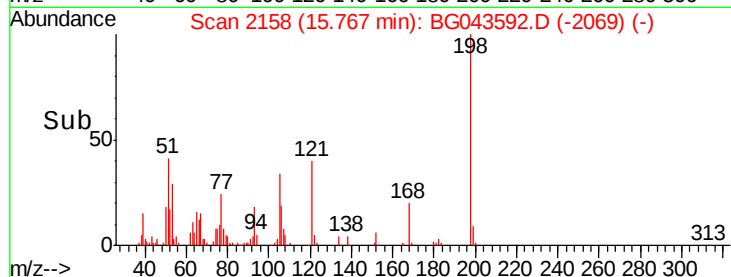
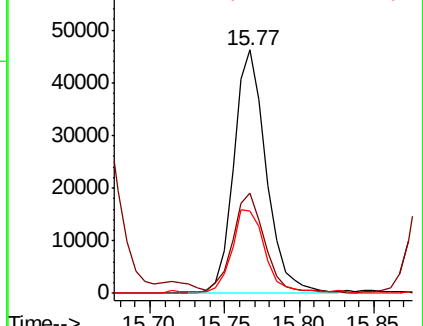
105 33.7 15.8 55.8



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: 43.126 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

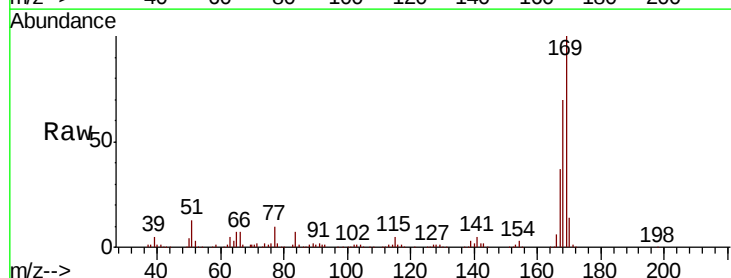
Tgt Ion:169 Resp: 298612

Ion Ratio Lower Upper

169 100

168 69.9 53.8 80.6

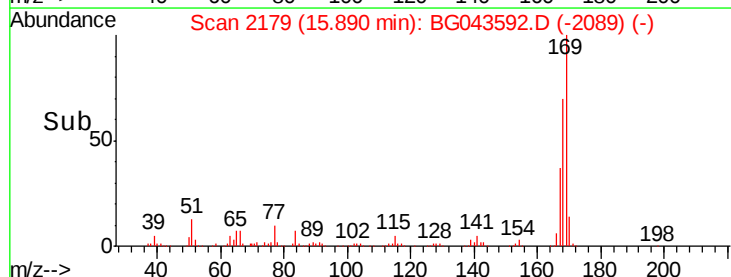
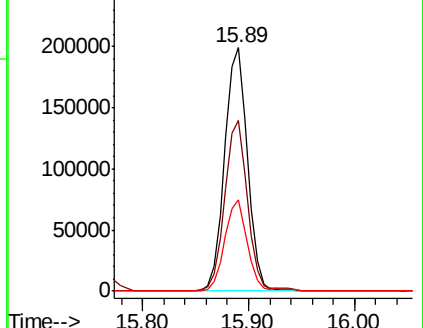
167 37.4 27.5 41.3

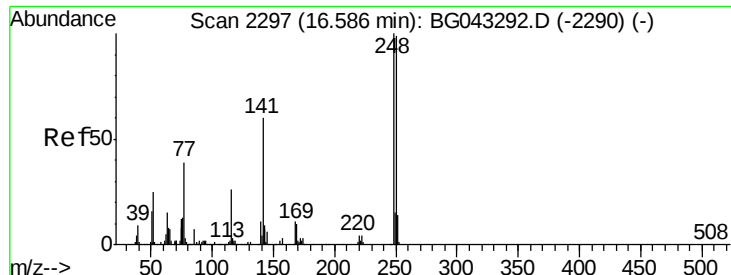


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

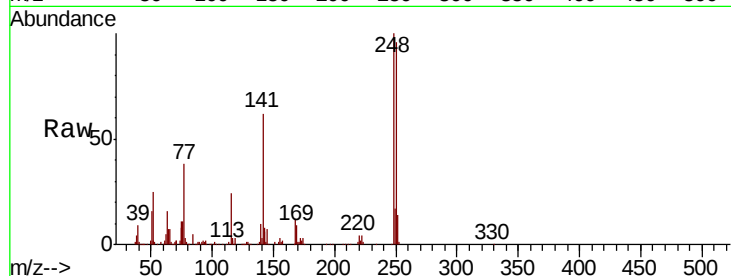




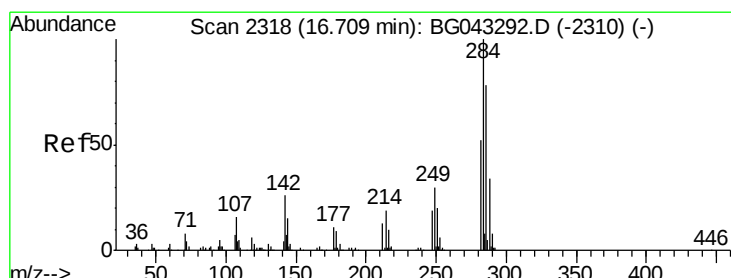
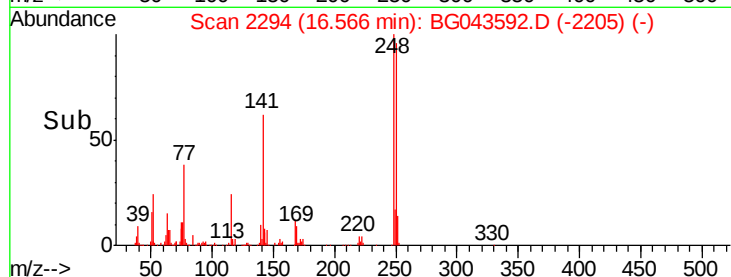
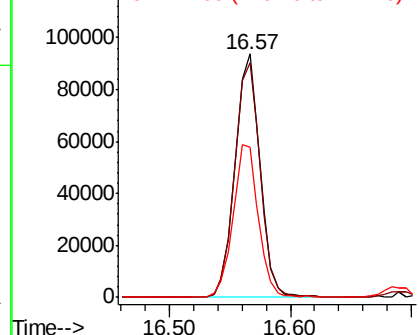
#67
4-Bromophenyl-phenylether
Concen: 41.018 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion:248 Resp: 135383
Ion Ratio Lower Upper
248 100
250 96.5 77.0 115.4
141 61.6 47.5 71.3

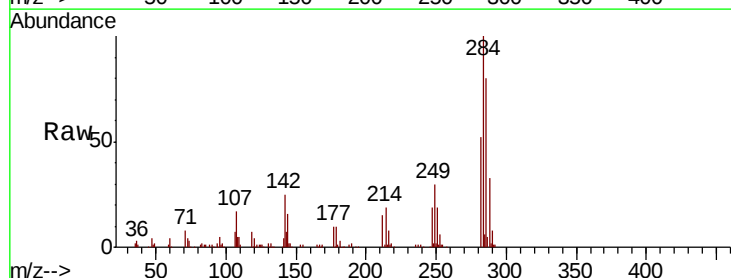


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

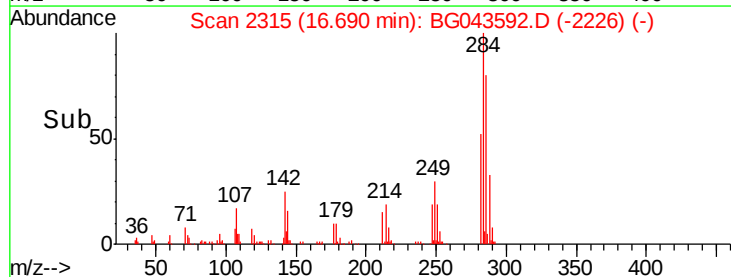
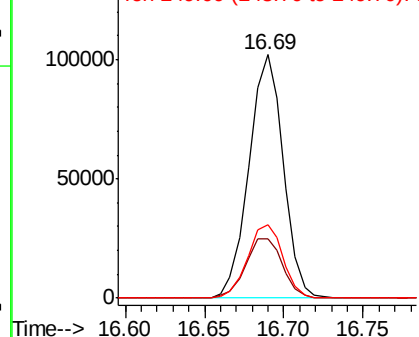


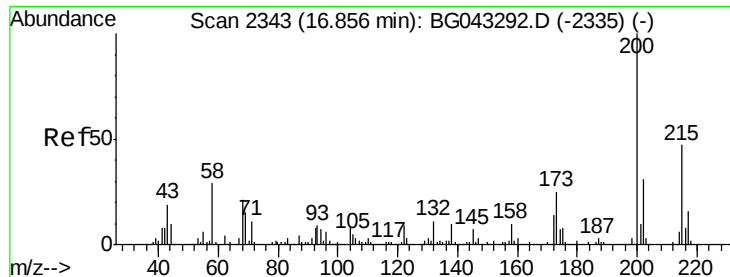
#68
Hexachlorobenzene
Concen: 40.470 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Tgt Ion:284 Resp: 153325
Ion Ratio Lower Upper
284 100
142 24.5 19.8 29.8
249 29.9 23.8 35.6



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

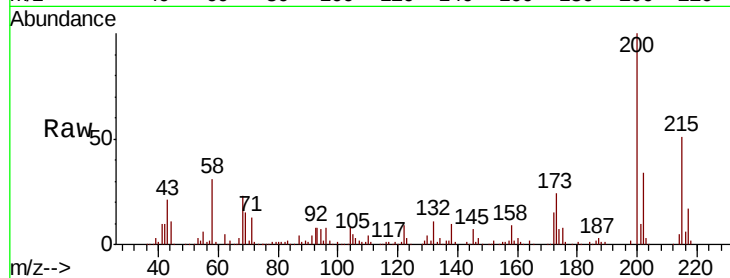




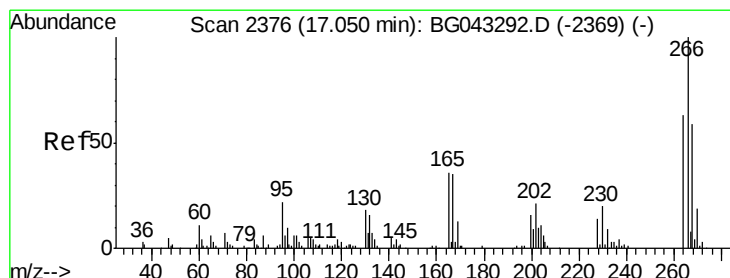
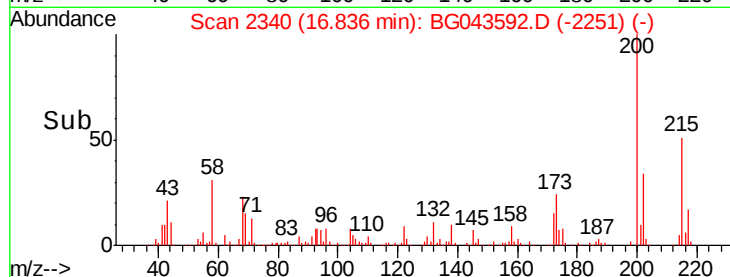
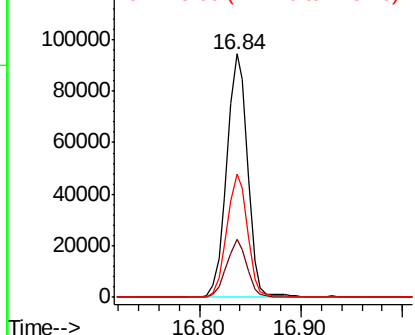
#69
 Atrazine
 Concen: 56.327 ng
 RT: 16.84 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG043592.D
 Acq: 11 Nov 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :
 PB124701BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	4.7	44.7
215	50.7	28.5	68.5

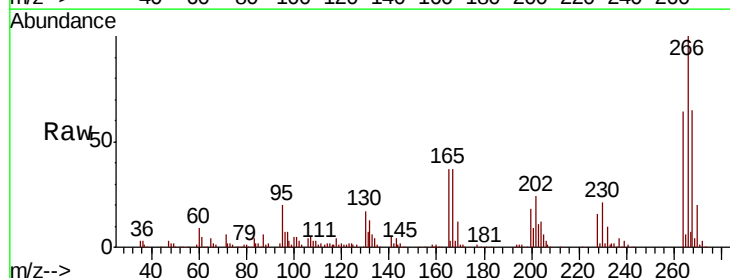


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

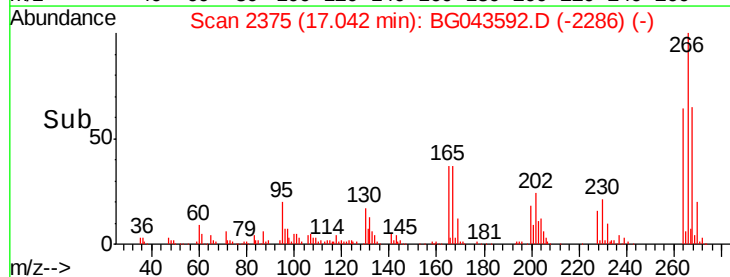
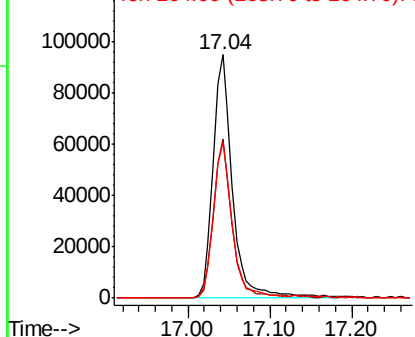


#70
 Pentachlorophenol
 Concen: 91.798 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BG043592.D
 Acq: 11 Nov 2019 20:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	50.4	75.6
264	63.7	48.9	73.3



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: 43.509 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

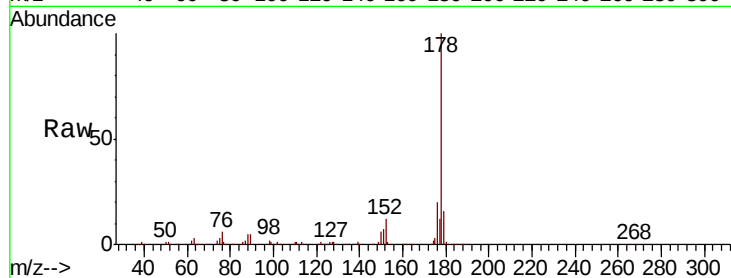
Tot Ion:178 Resp: 546414

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

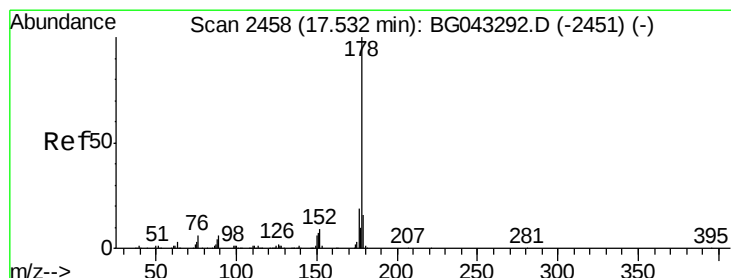
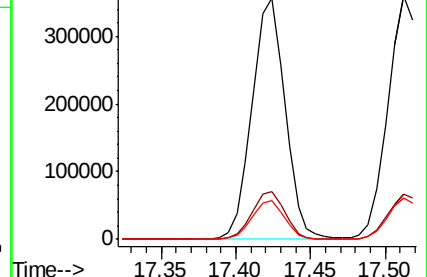
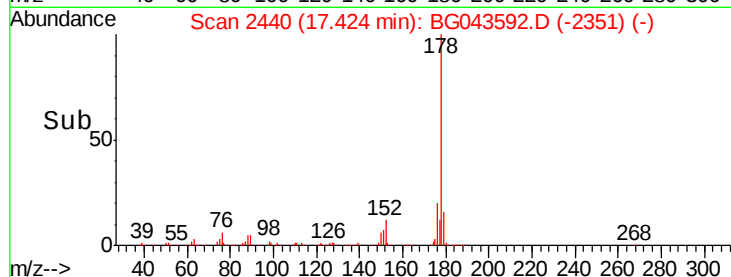
179 16.3 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.535 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

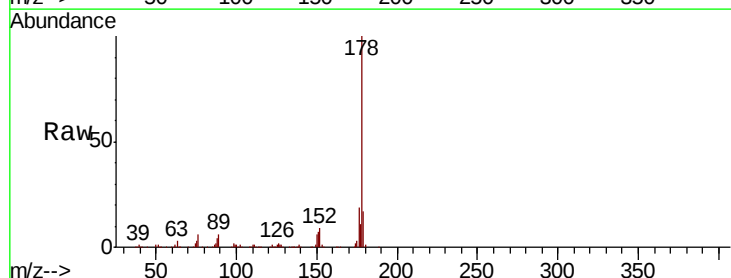
Tgt Ion:178 Resp: 559597

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

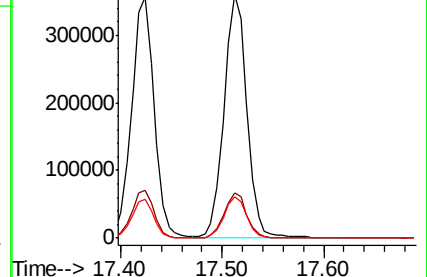
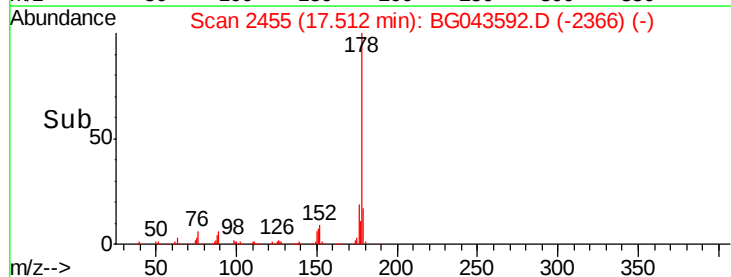
179 17.1 13.7 20.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

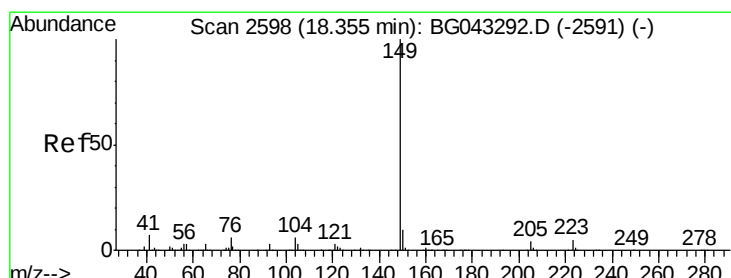
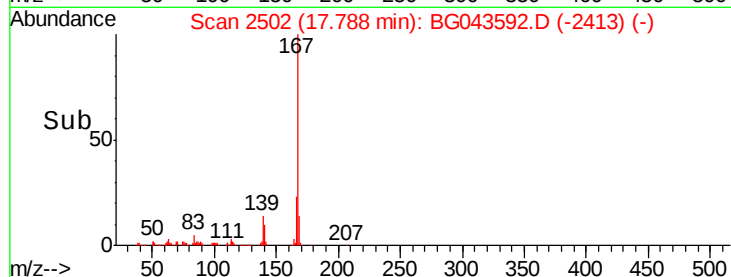
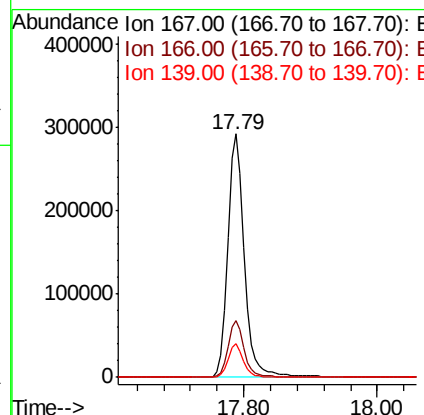
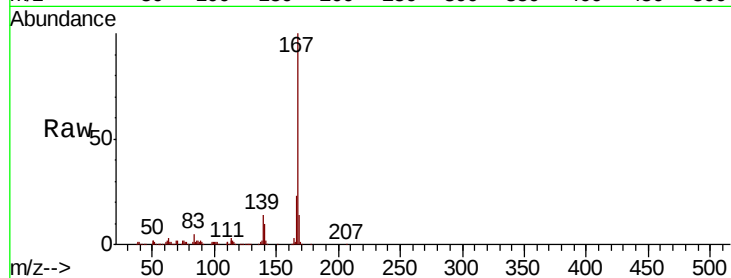




#73
 Carbazole
 Concen: 45.089 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BG043592.D
 Acq: 11 Nov 2019 20:38

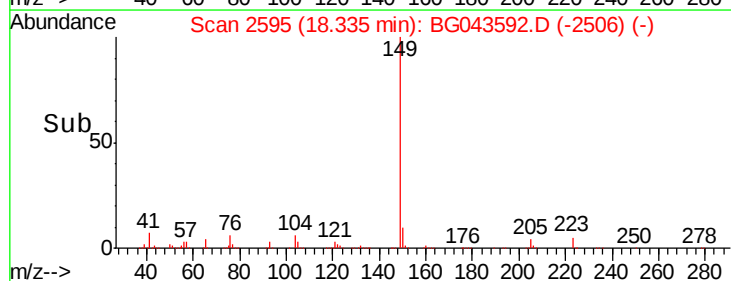
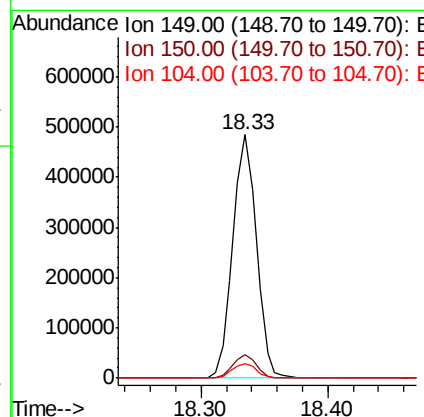
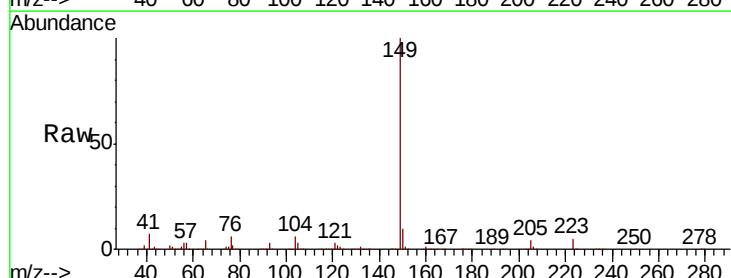
Instrument :
 BNA_G
 ClientSampleId :
 PB124701BS

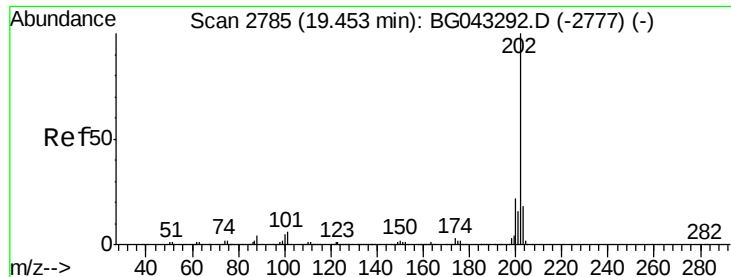
Tot Ion:167	Resp:	513057
Ion Ratio	Lower	Upper
167	100	
166	23.3	18.7 28.1
139	13.6	10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 45.330 ng
 RT: 18.33 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG043592.D
 Acq: 11 Nov 2019 20:38

Tgt Ion:149	Resp:	625853
Ion Ratio	Lower	Upper
149	100	
150	9.7	8.0 12.0
104	5.9	4.4 6.6





#75

Fluoranthene

Concen: 45.769 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

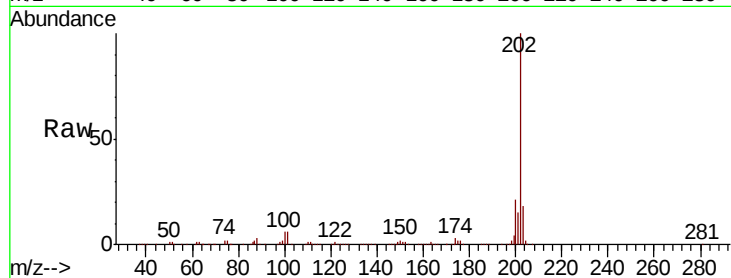
Tot Ion:202 Resp: 749360

Ion Ratio Lower Upper

202 100

101 5.9 0.0 26.3

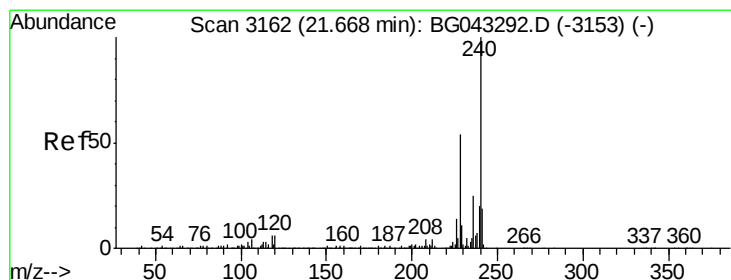
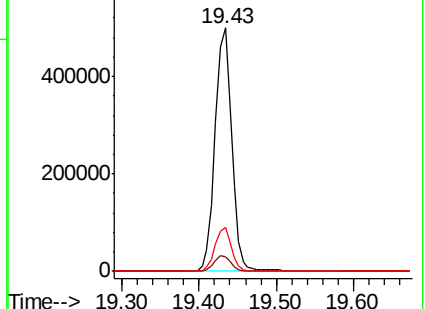
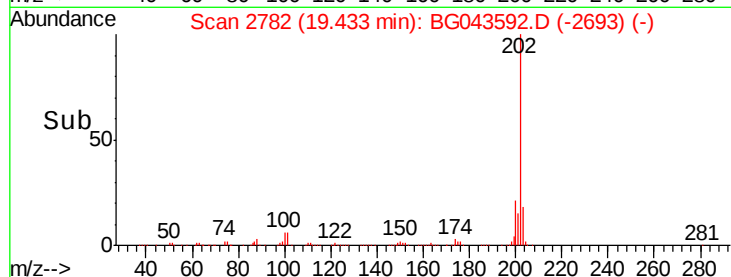
203 17.9 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

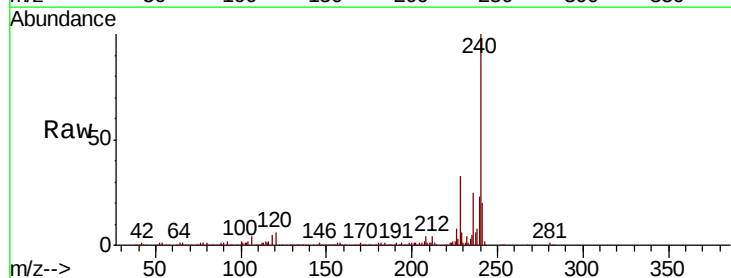
Tgt Ion:240 Resp: 225229

Ion Ratio Lower Upper

240 100

120 6.0 4.6 6.8

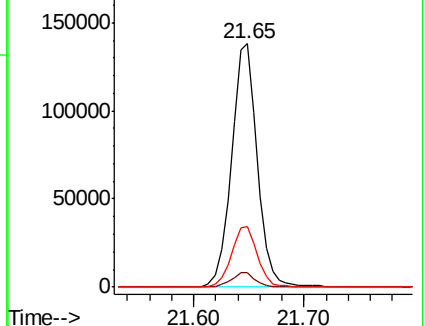
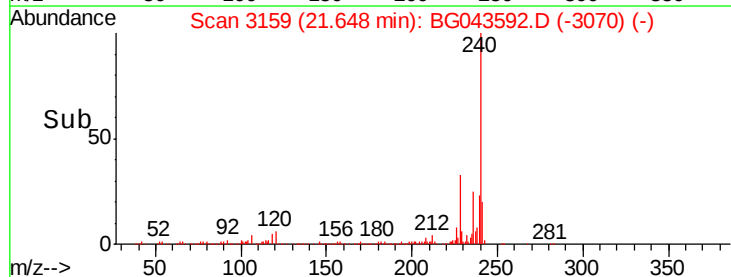
236 25.1 19.8 29.8



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: 26.884 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

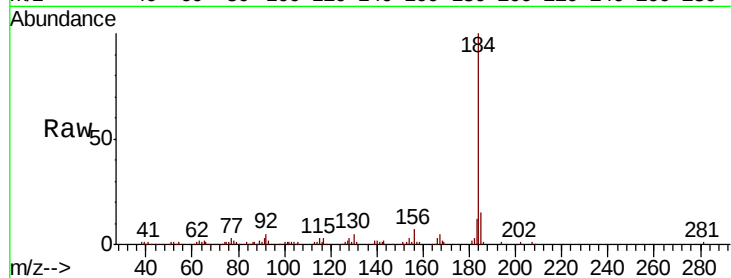
Tot Ion:184 Resp: 121858

Ion Ratio Lower Upper

184 100

185 15.2 11.0 16.4

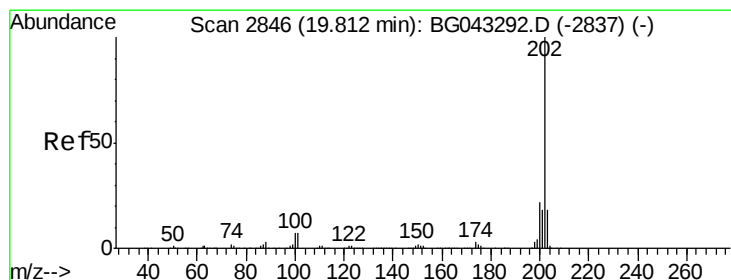
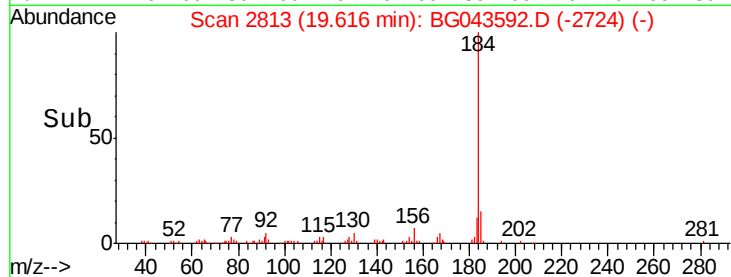
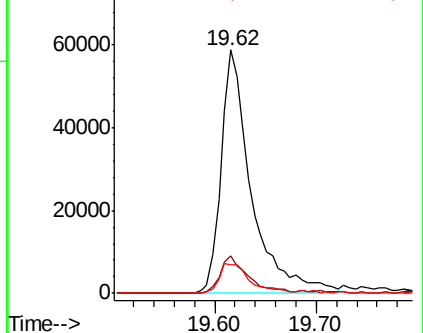
183 12.0 10.0 15.0



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: 53.783 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

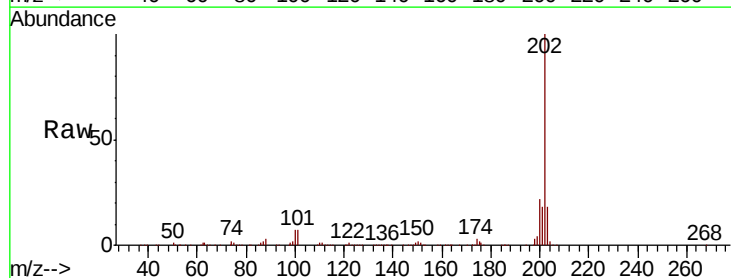
Tgt Ion:202 Resp: 749815

Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.4

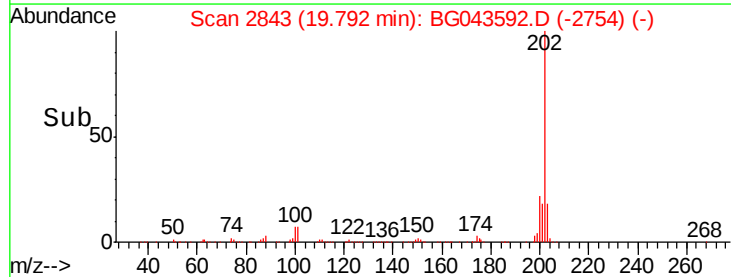
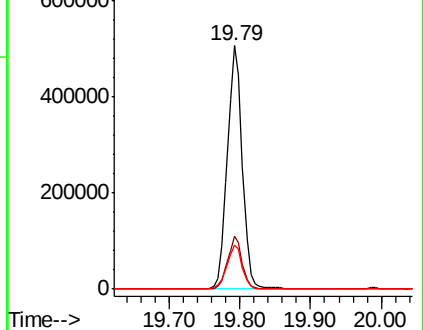
203 18.3 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.179 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

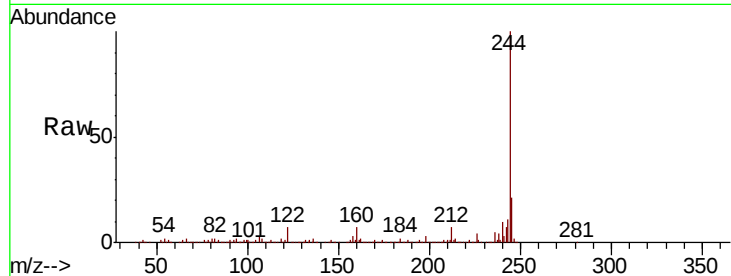
Tot Ion:244 Resp: 974589

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

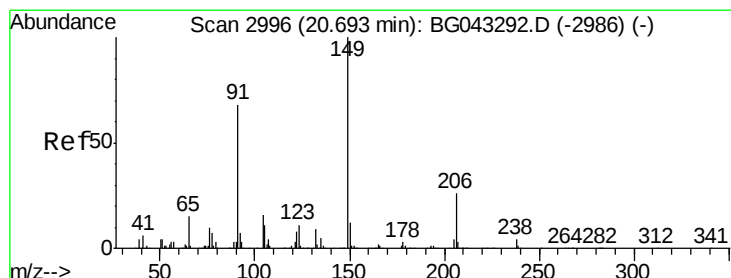
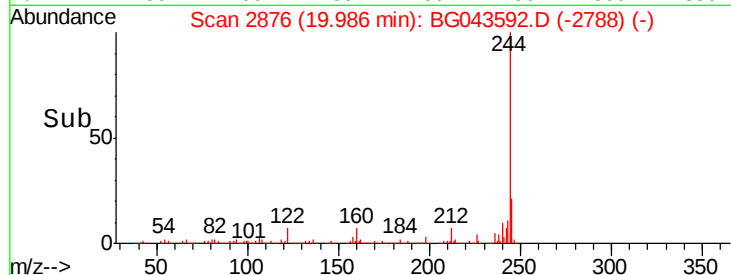
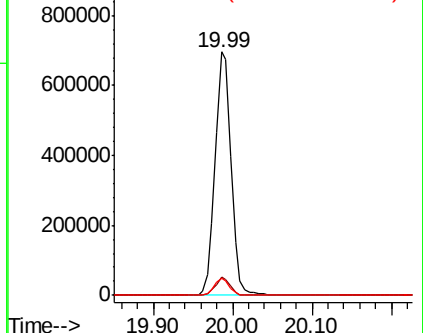
122 7.1 5.4 8.2



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: 46.675 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

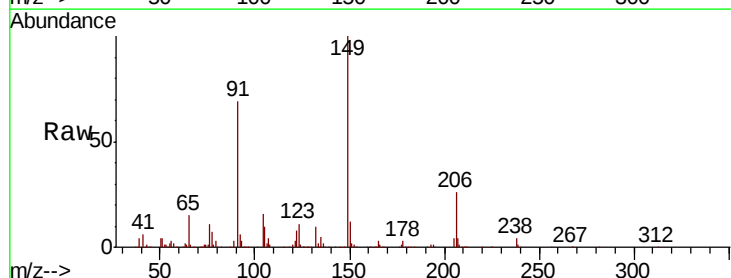
Tgt Ion:149 Resp: 246530

Ion Ratio Lower Upper

149 100

91 68.7 51.2 76.8

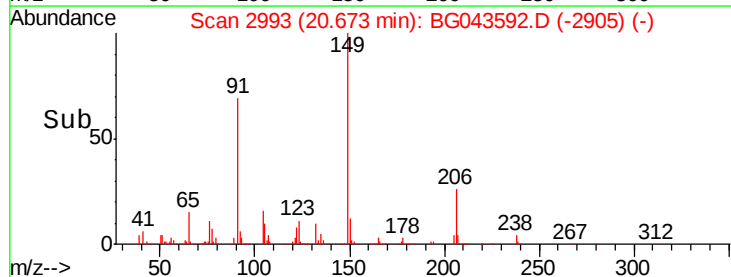
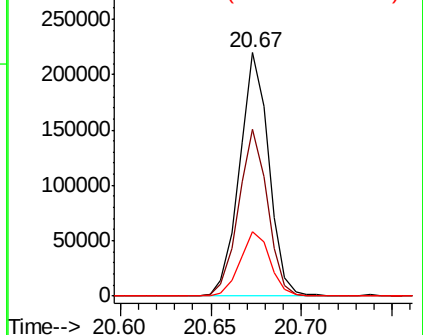
206 26.3 22.5 33.7

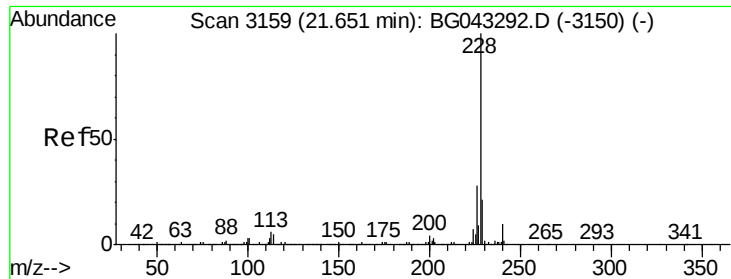


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

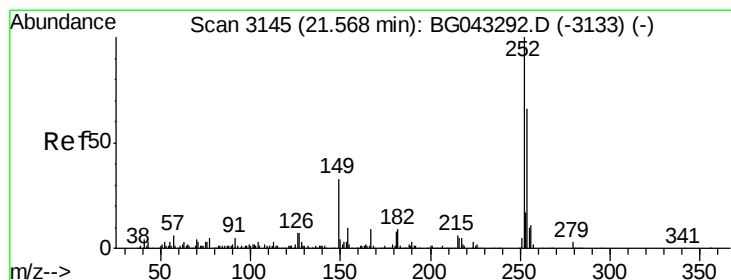
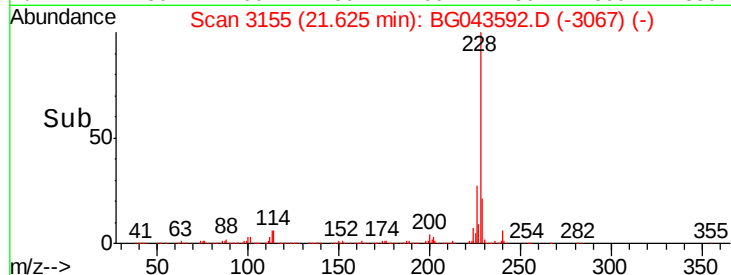
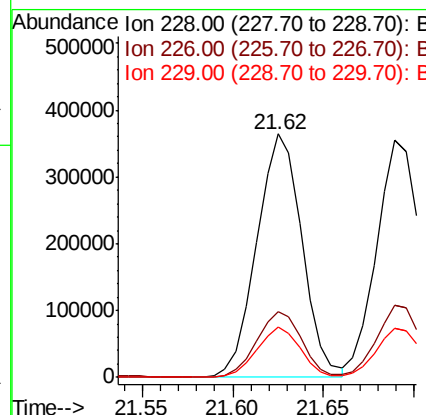
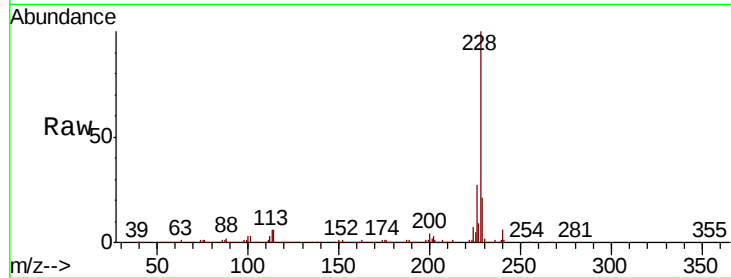




#81
Benzo(a)anthracene
Concen: 44.697 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

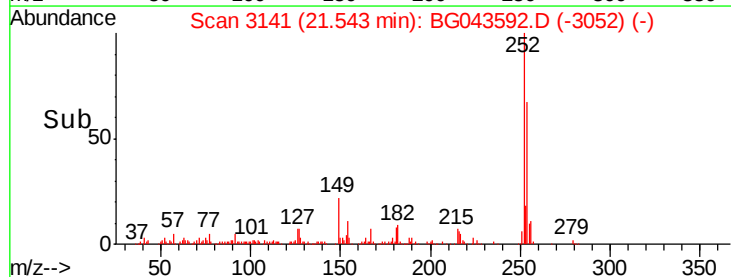
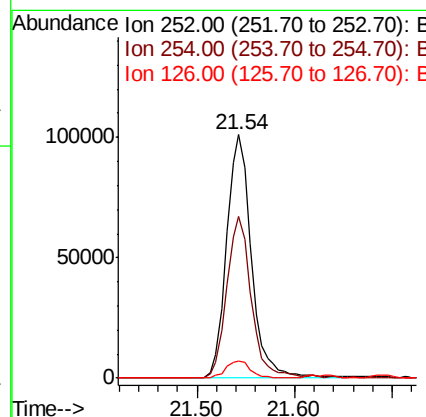
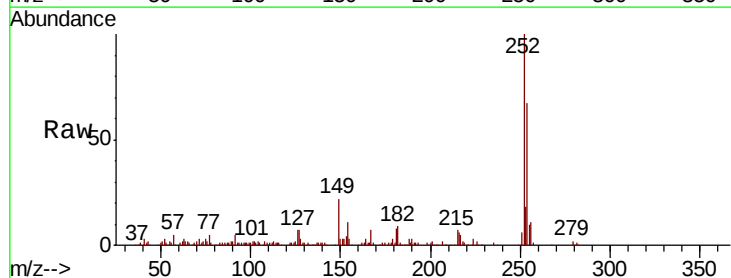
Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion:228 Resp: 630599
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.2
229 20.5 17.0 25.4



#82
3,3'-Dichlorobenzidine
Concen: 32.846 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Tgt Ion:252 Resp: 179235
Ion Ratio Lower Upper
252 100
254 66.6 50.8 76.2
126 7.0 6.1 9.1





#83

Chrvsene

Concen: 42.726 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

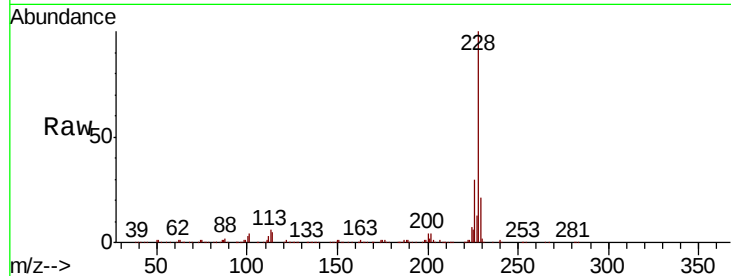
Tot Ion:228 Resp: 598918

Ion Ratio Lower Upper

228 100

226 30.2 25.1 37.7

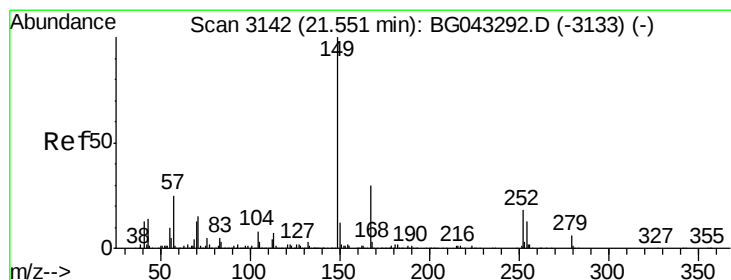
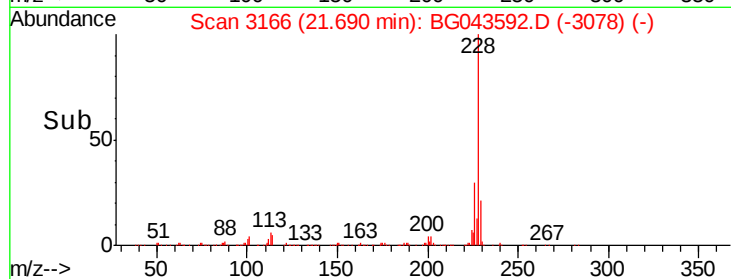
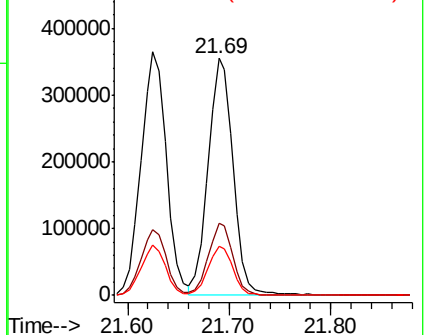
229 20.9 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.684 ng

RT: 21.53 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

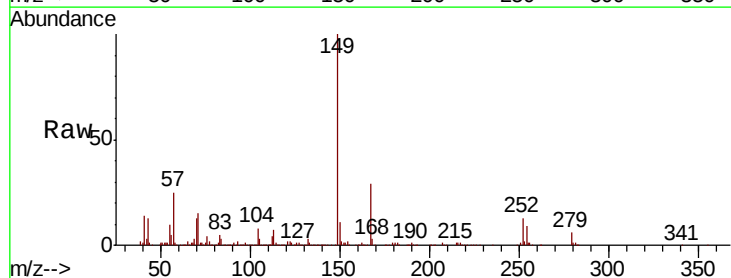
Tgt Ion:149 Resp: 297749

Ion Ratio Lower Upper

149 100

167 29.5 24.0 36.0

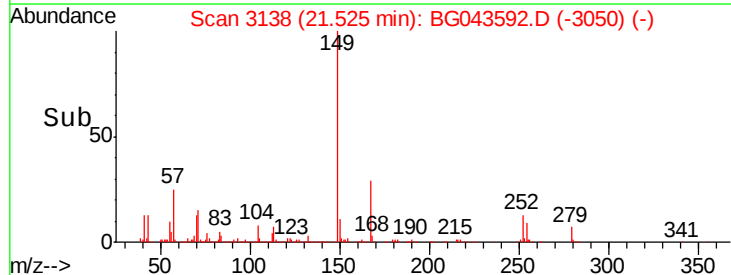
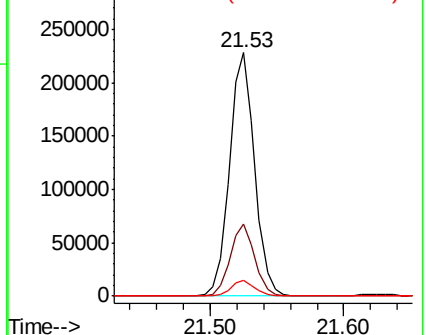
279 6.5 5.4 8.2

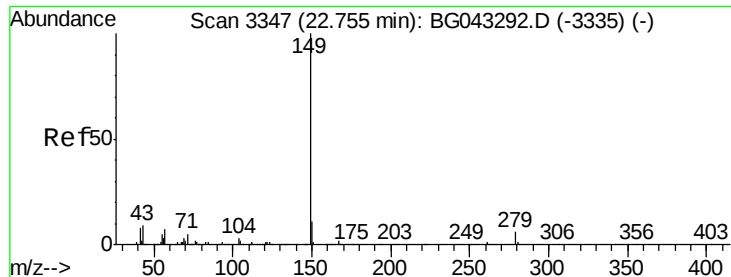


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

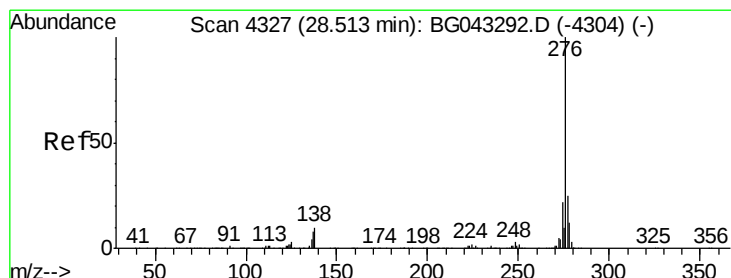
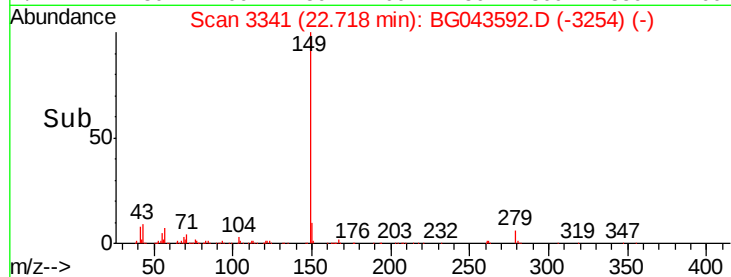
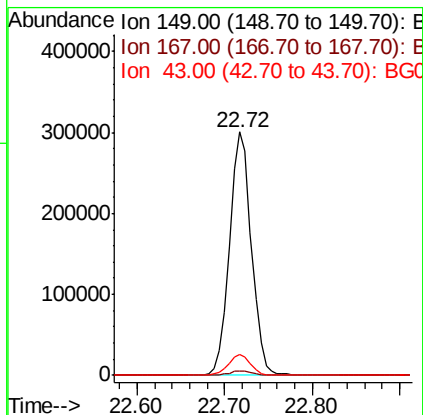
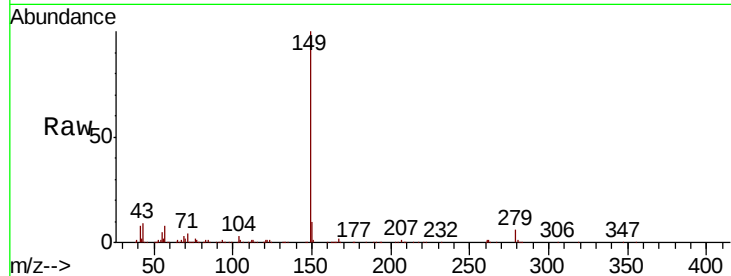




#85
Di-n-octyl phthalate
Concen: 39.999 ng
RT: 22.72 min Scan# 3341
Delta R.T. -0.02 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

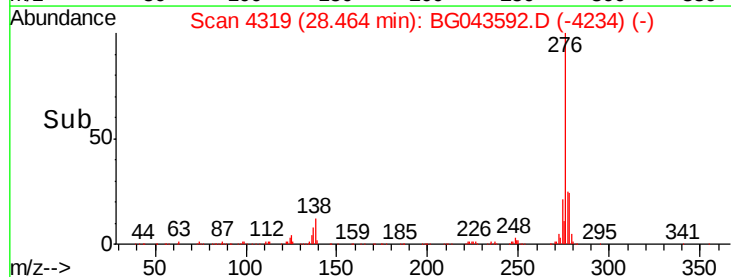
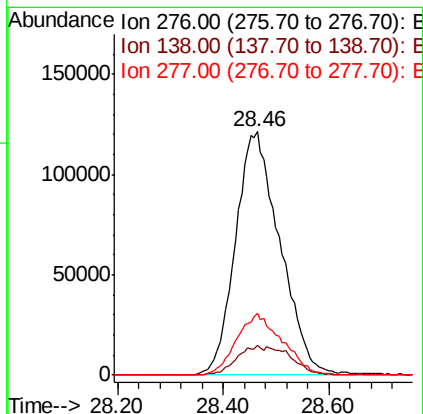
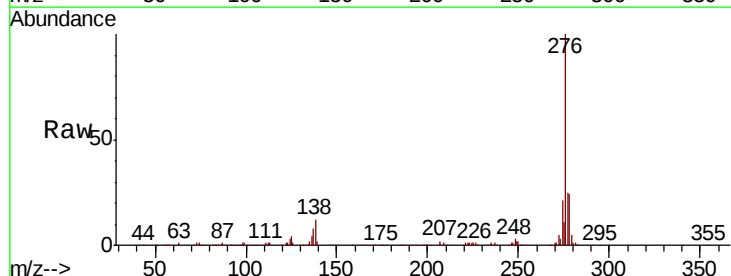
Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	8.7	7.0	10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.153 ng
RT: 28.46 min Scan# 4319
Delta R.T. -0.03 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.1	6.8	10.2
277	25.9	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3700

Delta R.T. -0.03 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB124701BS

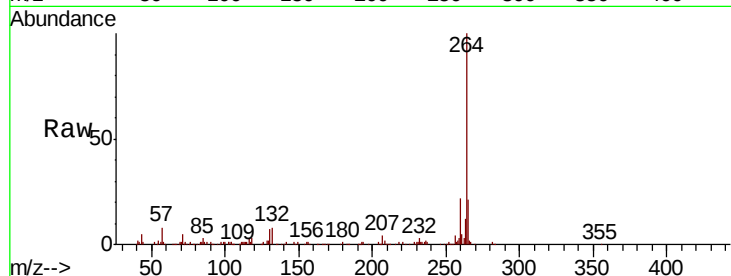
Tot Ion:264 Resp: 205038

Ion Ratio Lower Upper

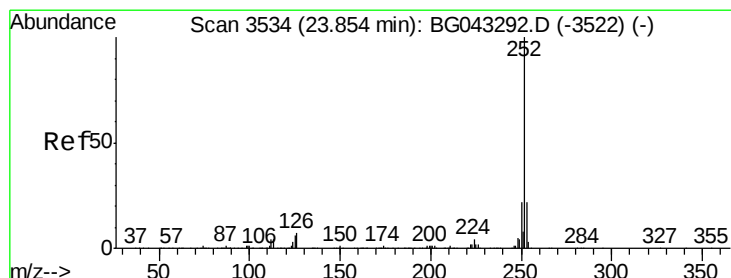
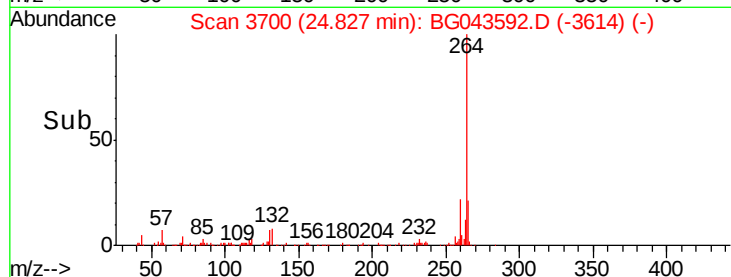
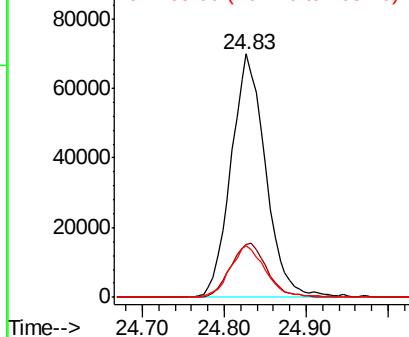
264 100

260 22.0 17.5 26.3

265 21.4 17.4 26.0



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: 50.180 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.02 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

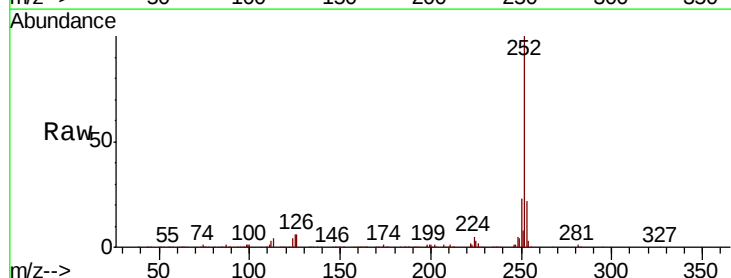
Tgt Ion:252 Resp: 582729

Ion Ratio Lower Upper

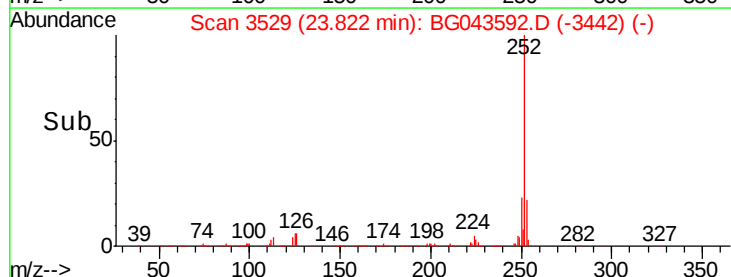
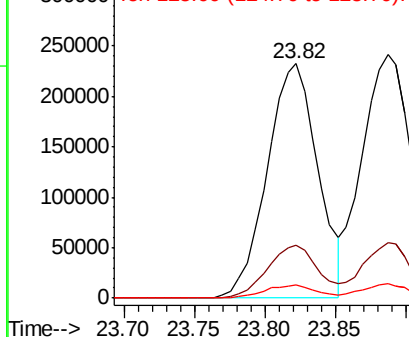
252 100

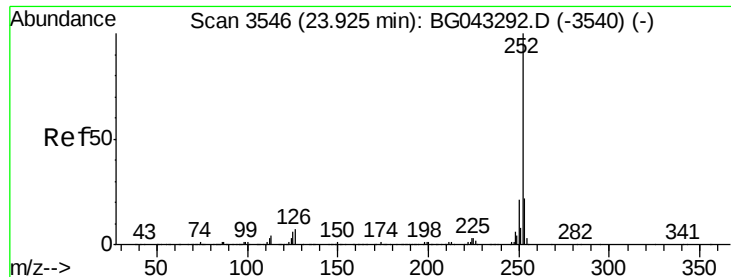
253 22.5 17.7 26.5

125 5.8 4.5 6.7



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

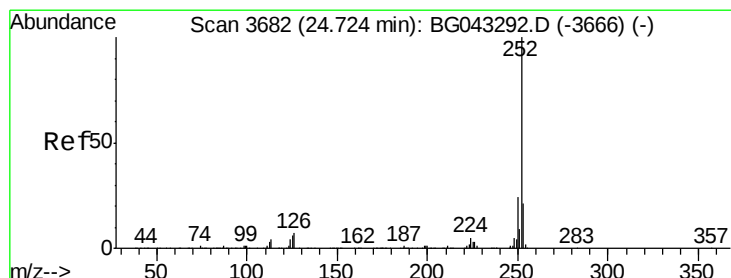
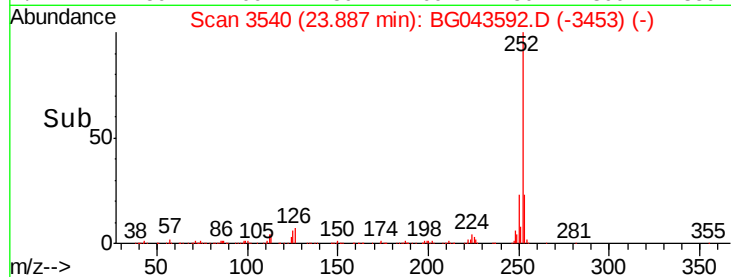
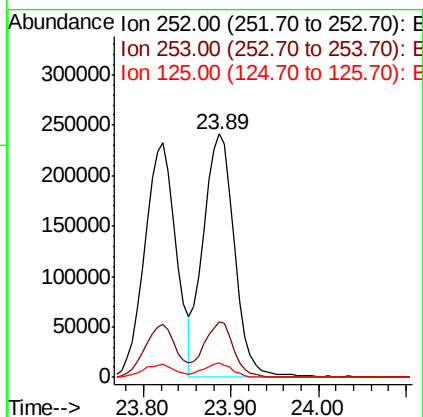
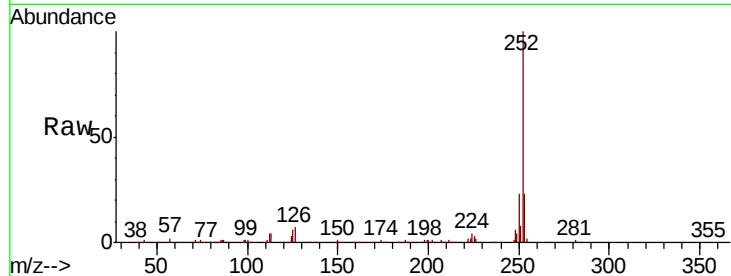




#89
Benzo(k)fluoranthene
Concen: 51.103 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.02 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

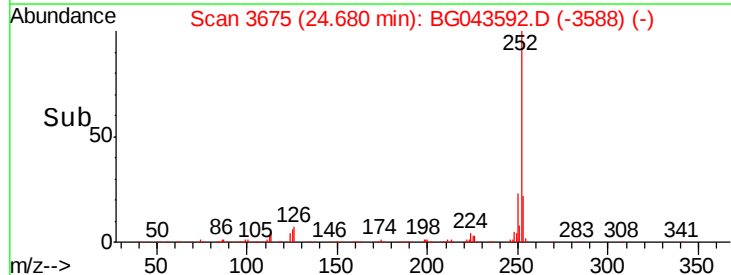
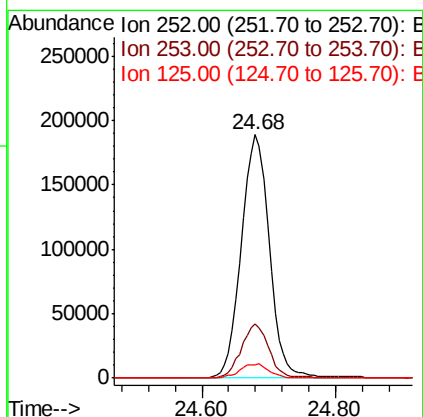
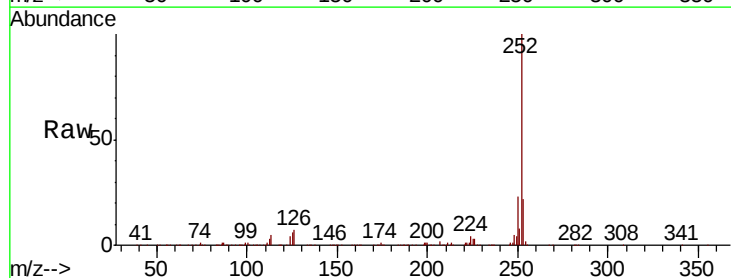
Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion:252 Resp: 597423
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 5.8 4.6 6.8



#90
Benzo(a)pyrene
Concen: 49.308 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG043592.D
Acq: 11 Nov 2019 20:38

Tgt Ion:252 Resp: 546792
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 5.6 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 52.744 ng

RT: 28.52 min Scan# 4328

Delta R.T. -0.04 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Instrument :

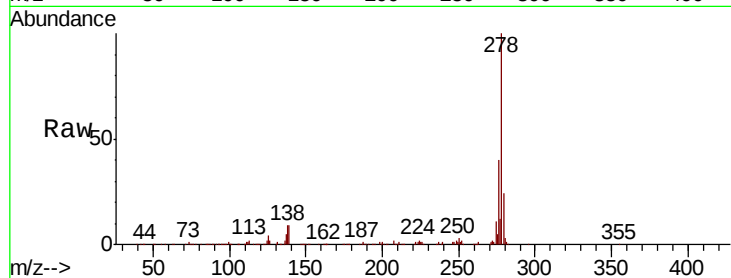
BNA_G

ClientSampleId :

PB124701BS

Tot Ion:278 Resp: 598255

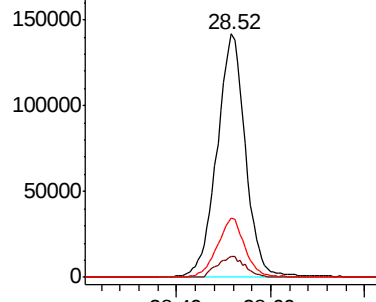
Ion	Ratio	Lower	Upper
278	100		
139	8.7	7.4	11.0
279	24.3	19.1	28.7



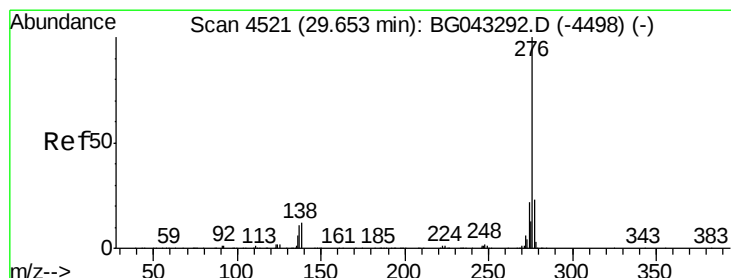
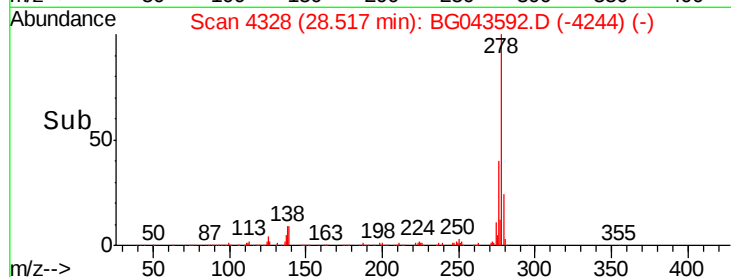
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 53.363 ng

RT: 29.60 min Scan# 4513

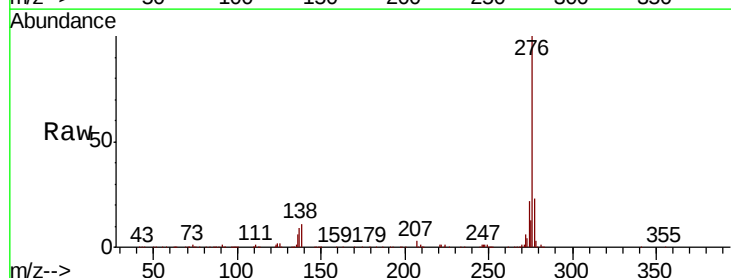
Delta R.T. -0.03 min

Lab File: BG043592.D

Acq: 11 Nov 2019 20:38

Tgt Ion:276 Resp: 597055

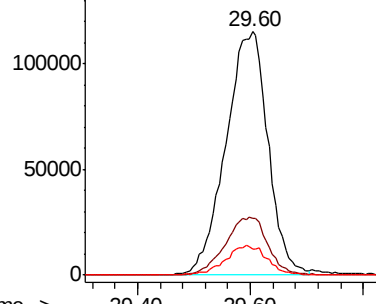
Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.9	28.3
138	10.7	8.9	13.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->

