

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043569.D
 Acq On : 8 Nov 2019 14:49
 Operator : JU
 Sample : PB124597BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

Quant Time: Nov 11 00:31:59 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	8.01	152	29267	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	119903	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	92939	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	210448	20.00	ng	0.00
76) Chrysene-d12	21.65	240	221509	20.00	ng	0.00
87) Perylene-d12	24.85	264	178732	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	200678	125.65	ng	0.01
7) Phenol-d6	7.21	99	270938	117.91	ng	0.01
23) Nitrobenzene-d5	9.17	82	138921	59.73	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	174235	98.51	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	381804	56.77	ng	0.00
79) Terphenyl-d14	19.99	244	720490	61.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	21783	34.999	ng	92
3) Pyridine	3.87	79	53478	34.062	ng	90
4) n-Nitrosodimethylamine	3.78	42	33993	42.907	ng	93
6) Aniline	7.34	93	67626	25.547	ng	99
8) 2-Chlorophenol	7.58	128	79196	44.919	ng	98
9) Benzaldehyde	7.14	77	21279	18.843	ng	90
10) Phenol	7.24	94	97384	46.377	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	64341	39.632	ng	95
12) 1,3-Dichlorobenzene	7.89	146	85473	38.693	ng	97
13) 1,4-Dichlorobenzene	8.04	146	86657	38.774	ng	97
14) 1,2-Dichlorobenzene	8.36	146	83778	38.392	ng	94
15) Benzyl Alcohol	8.25	79	70973	43.978	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	87501	37.067	ng	96
17) 2-Methylphenol	8.48	107	67640	44.187	ng	94
18) Hexachloroethane	9.09	117	30444	37.756	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	58075	39.111	ng	91
20) 3+4-Methylphenols	8.81	107	89512	42.643	ng	88
22) Acetophenone	8.83	105	113678	37.021	ng	98
24) Nitrobenzene	9.21	77	89282	40.298	ng	# 97
25) Isophorone	9.73	82	163462	38.443	ng	98
26) 2-Nitrophenol	9.92	139	46883	43.831	ng	96
27) 2,4-Dimethylphenol	10.00	122	75115	48.997	ng	96
28) bis(2-Chloroethoxy)methane	10.21	93	91378	38.937	ng	98
29) 2,4-Dichlorophenol	10.48	162	84516	43.027	ng	96
30) 1,2,4-Trichlorobenzene	10.67	180	93871	37.917	ng	96
31) Naphthalene	10.86	128	246198	40.452	ng	98
32) Benzoic acid	10.17	122	40405	37.059	ng	93
33) 4-Chloroaniline	10.98	127	66294	26.573	ng	99
34) Hexachlorobutadiene	11.14	225	65508	35.795	ng	95
35) Caprolactam	11.74	113	19150	28.307	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	90176	42.087	ng	94
37) 2-Methylnaphthalene	12.47	142	190391	40.770	ng	98
38) 1-Methylnaphthalene	12.68	142	181404	40.827	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	122007	35.472	ng	98

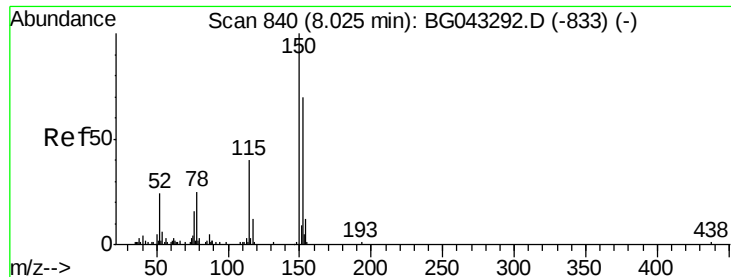
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043569.D
 Acq On : 8 Nov 2019 14:49
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	66176	36.626	ng	100
43) 2,4,6-Trichlorophenol	13.08	196	79317	39.158	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	84330	41.180	ng	95
46) 1,1'-Biphenyl	13.47	154	256239	36.242	ng	98
47) 2-Chloronaphthalene	13.51	162	195894	36.414	ng	99
48) 2-Nitroaniline	13.72	65	60819	37.826	ng	97
49) Acenaphthylene	14.36	152	323297	38.614	ng	99
50) Dimethylphthalate	14.09	163	258325	35.885	ng	99
51) 2,6-Dinitrotoluene	14.21	165	58189	37.207	ng	98
52) Acenaphthene	14.70	154	192492	37.700	ng	97
53) 3-Nitroaniline	14.55	138	43374	28.726	ng	94
54) 2,4-Dinitrophenol	14.76	184	56580	59.945	ng	98
55) Dibenzofuran	15.03	168	313226	37.829	ng	97
56) 4-Nitrophenol	14.90	139	84949	83.954	ng	89
57) 2,4-Dinitrotoluene	15.00	165	84950	38.009	ng	# 97
58) Fluorene	15.69	166	264752	38.124	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	79091	36.352	ng	97
60) Diethylphthalate	15.45	149	262969	36.356	ng	97
61) 4-Chlorophenyl-phenylether	15.67	204	149555	36.916	ng	98
62) 4-Nitroaniline	15.72	138	56185	36.030	ng	96
63) Azobenzene	15.97	77	222106	37.941	ng	95
65) 4,6-Dinitro-2-methylphenol	15.77	198	47076	38.011	ng	97
66) n-Nitrosodiphenylamine	15.89	169	233676	39.330	ng	97
67) 4-Bromophenyl-phenylether	16.57	248	107680	38.020	ng	96
68) Hexachlorobenzene	16.70	284	118205	36.360	ng	98
69) Atrazine	16.84	200	95175	46.100	ng	98
70) Pentachlorophenol	17.04	266	106649	71.995	ng	93
71) Phenanthrene	17.42	178	415860	38.589	ng	99
72) Anthracene	17.52	178	423929	39.318	ng	100
73) Carbazole	17.79	167	379979	38.916	ng	98
74) Di-n-butylphthalate	18.34	149	457095	38.582	ng	99
75) Fluoranthene	19.43	202	539552	38.404	ng	99
77) Benzidine	19.62	184	66198	14.849	ng	97
78) Pyrene	19.80	202	538004	39.238	ng	99
80) Butylbenzylphthalate	20.68	149	201698	38.828	ng	96
81) Benzo(a)anthracene	21.63	228	540665	38.966	ng	98
82) 3,3'-Dichlorobenzidine	21.55	252	176186	32.830	ng	98
83) Chrysene	21.70	228	523616	37.982	ng	97
84) Bis(2-ethylhexyl)phthalate	21.53	149	285969	38.754	ng	100
85) Di-n-octyl phthalate	22.72	149	492427	39.334	ng	100
86) Indeno(1,2,3-cd)pyrene	28.48	276	656337	37.928	ng	# 98
88) Benzo(b)fluoranthene	23.83	252	556787	55.003	ng	99
89) Benzo(k)fluoranthene	23.90	252	568148	55.752	ng	98
90) Benzo(a)pyrene	24.69	252	509075	52.664	ng	99
91) Dibenzo(a,h)anthracene	28.53	278	568209	57.468	ng	99
92) Benzo(g,h,i)perylene	29.63	276	564089	57.838	ng	98

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

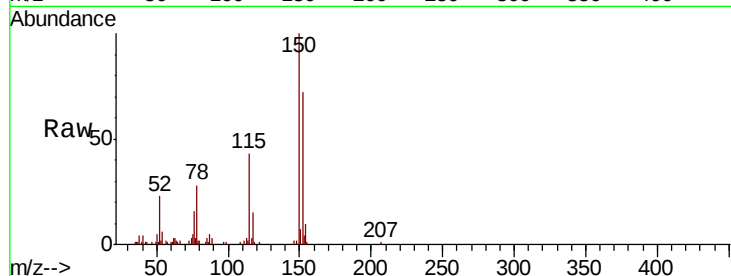


#1

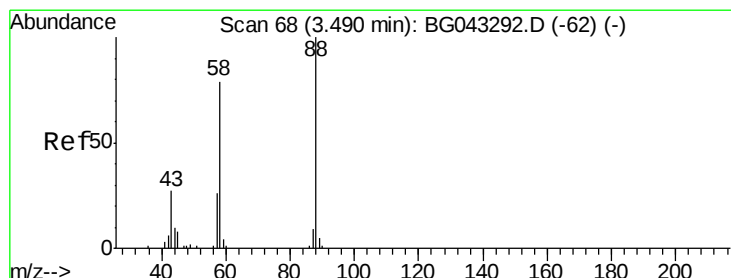
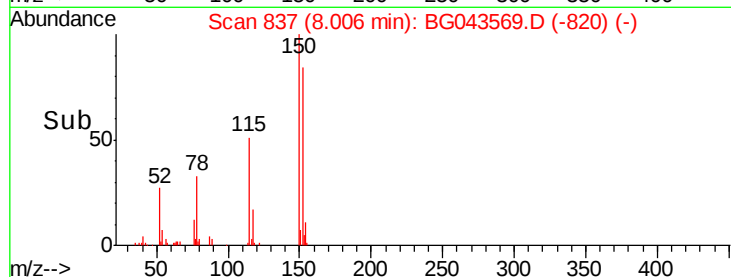
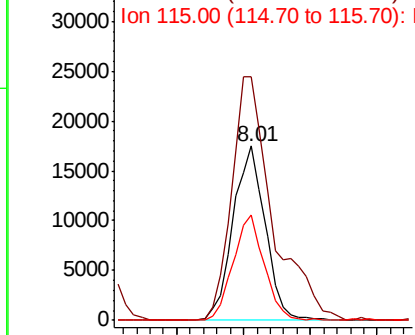
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion:152 Resp: 29267
Ion Ratio Lower Upper
152 100
150 139.6 129.4 194.0
115 60.4 48.8 73.2



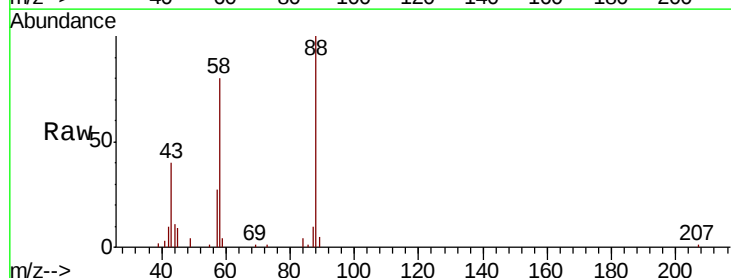
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



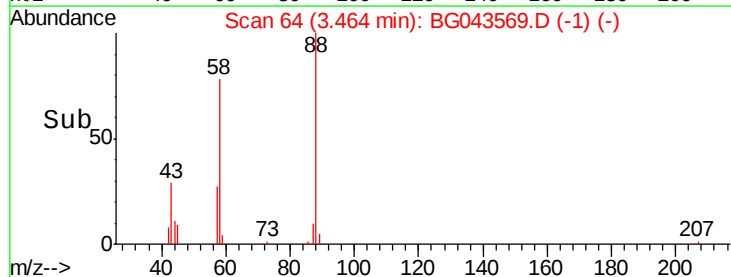
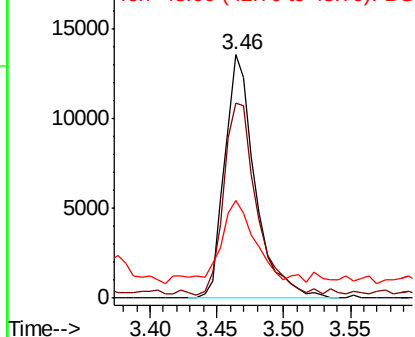
#2

1,4-Dioxane
Concen: 34.999 ng
RT: 3.46 min Scan# 64
Delta R.T. -0.01 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Tgt Ion: 88 Resp: 21783
Ion Ratio Lower Upper
88 100
58 85.1 62.7 94.1
43 33.6 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: 34.062 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

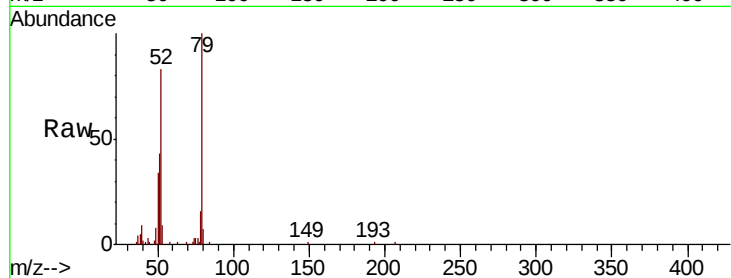
Tot Ion: 79 Resp: 53478

Ion Ratio Lower Upper

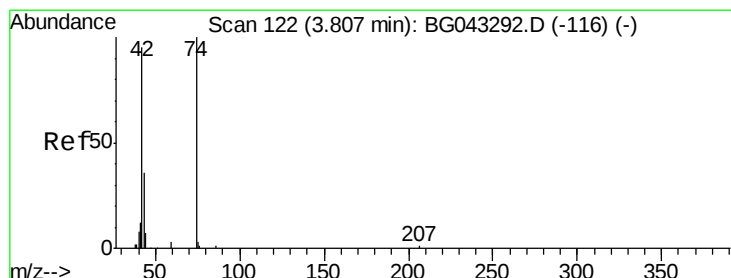
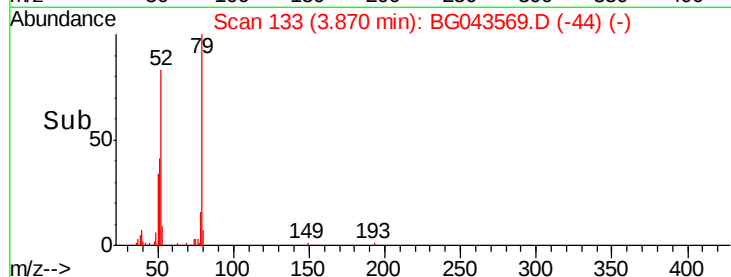
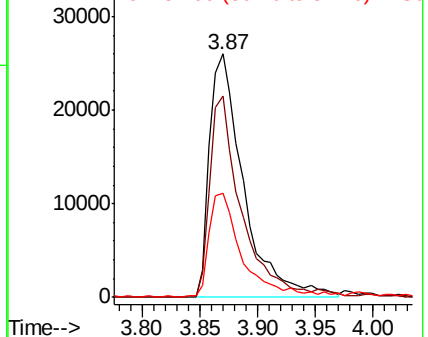
79 100

52 82.9 56.5 84.7

51 42.7 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: 42.907 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

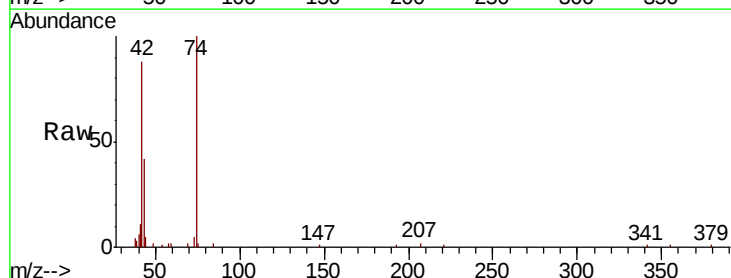
Tgt Ion: 42 Resp: 33993

Ion Ratio Lower Upper

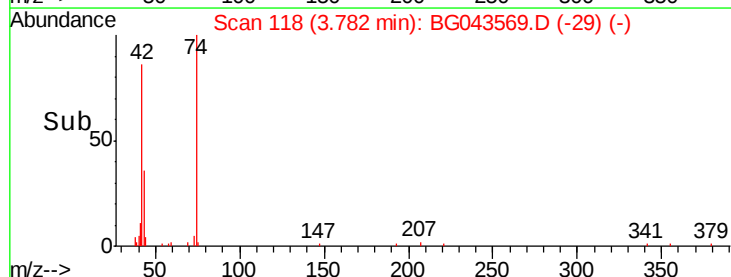
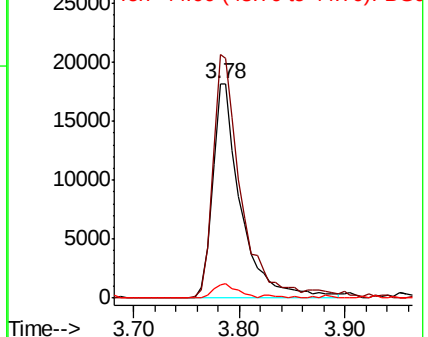
42 100

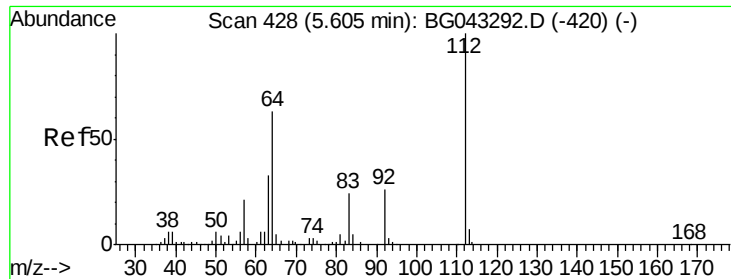
74 113.5 97.3 145.9

44 5.9 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: 125.647 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

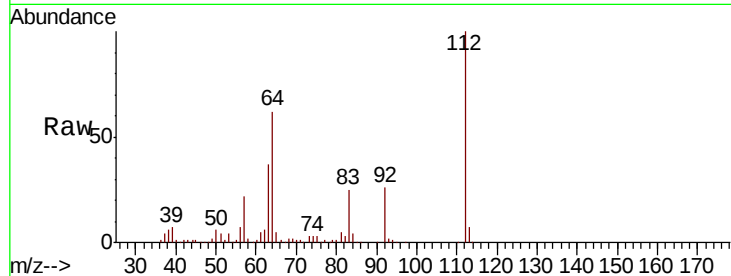
Tot Ion:112 Resp: 200678

Ion Ratio Lower Upper

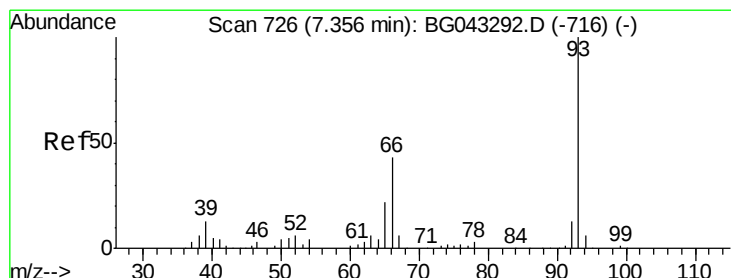
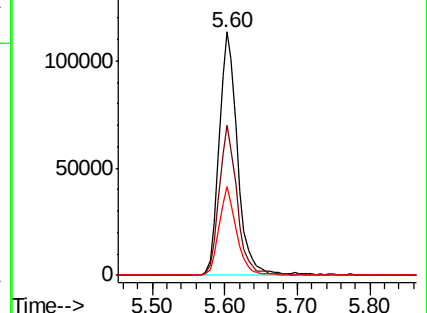
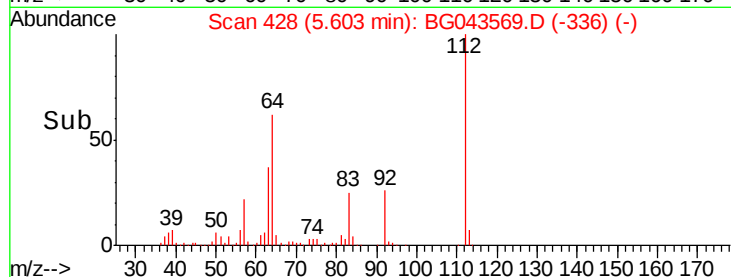
112 100

64 61.7 50.0 75.0

63 36.6 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: 25.547 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

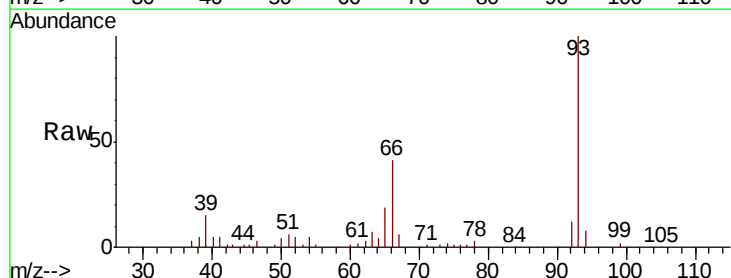
Tgt Ion: 93 Resp: 67626

Ion Ratio Lower Upper

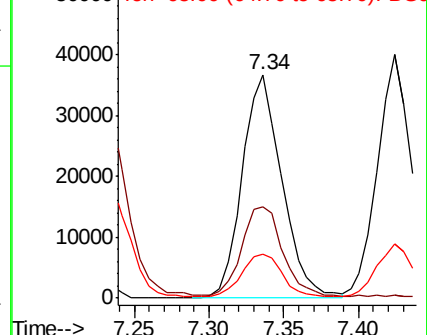
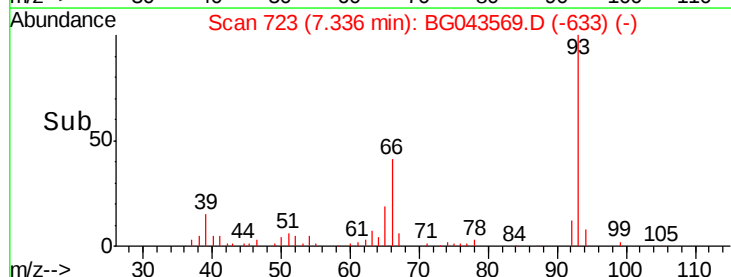
93 100

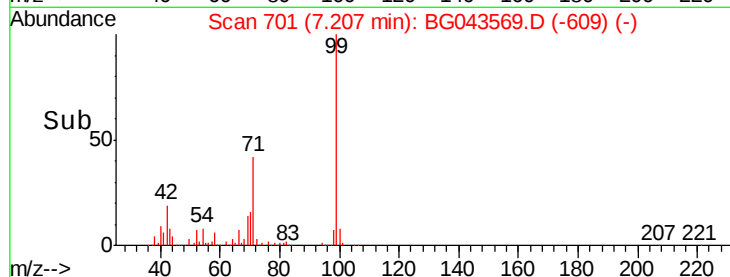
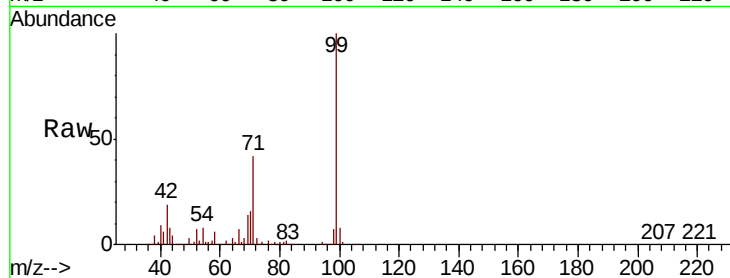
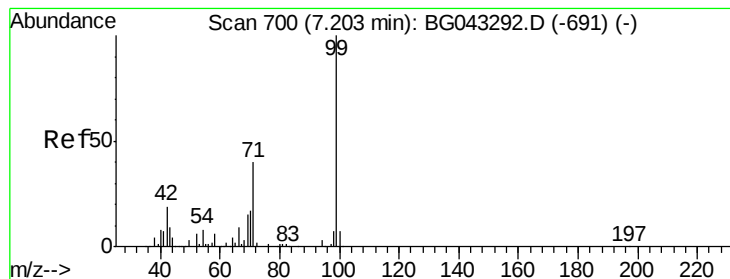
66 40.7 32.3 48.5

65 19.5 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: 117.905 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

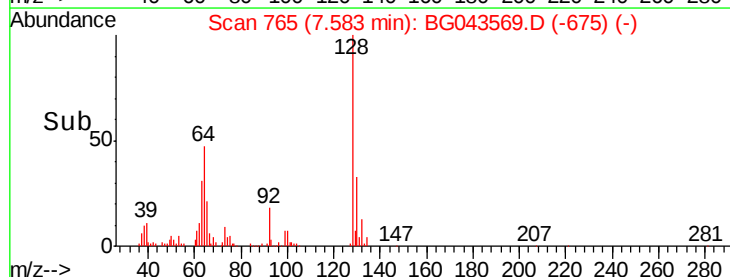
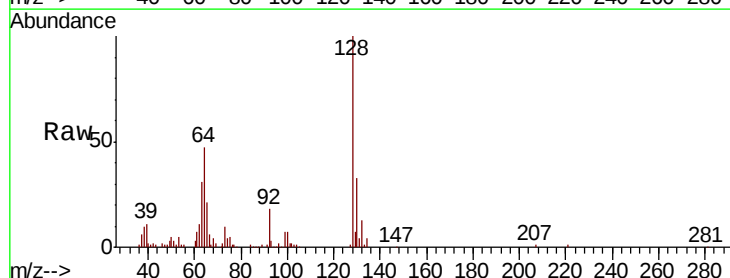
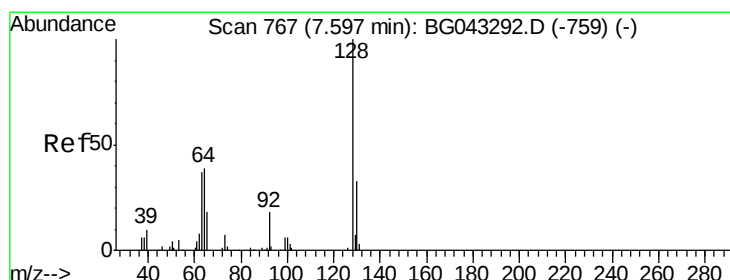
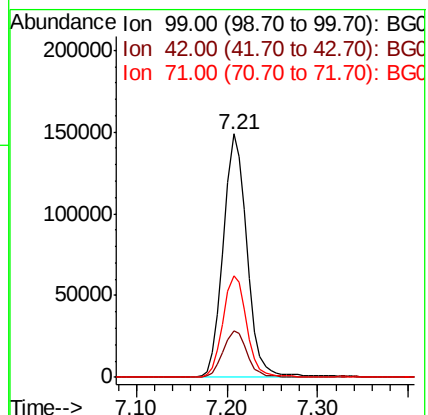
Tot Ion: 99 Resp: 270938

Ion Ratio Lower Upper

99 100

42 19.0 14.6 21.8

71 41.6 32.5 48.7



#8

2-Chlorophenol

Concen: 44.919 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

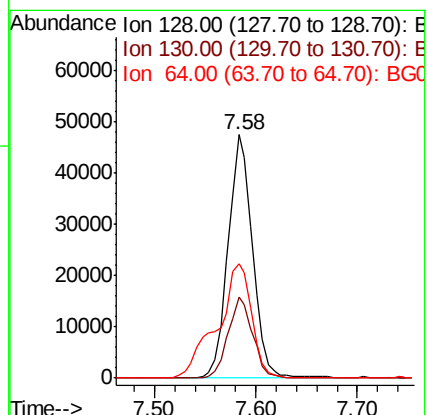
Tgt Ion: 128 Resp: 79196

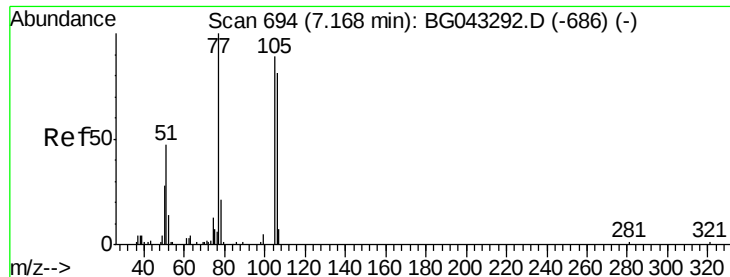
Ion Ratio Lower Upper

128 100

130 33.1 12.5 52.5

64 46.9 25.3 65.3





#9

Benzaldehyde

Concen: 18.843 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

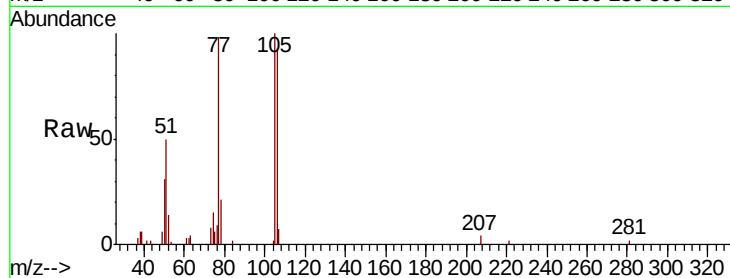
Tot Ion: 77 Resp: 21279

Ion Ratio Lower Upper

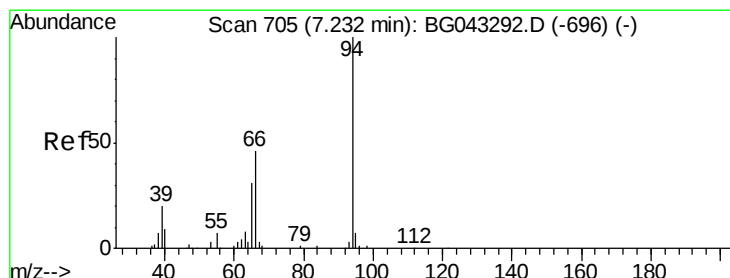
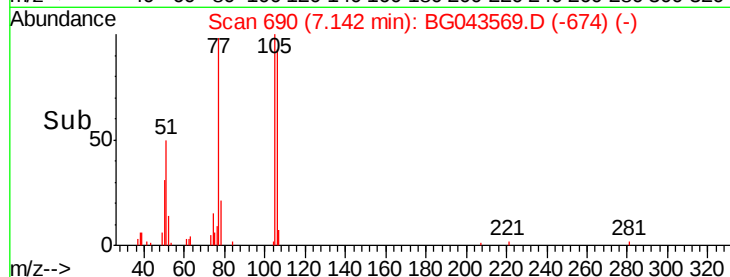
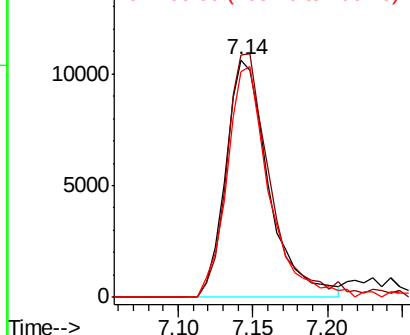
77 100

105 102.0 68.6 108.6

106 95.0 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: 46.377 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.02 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

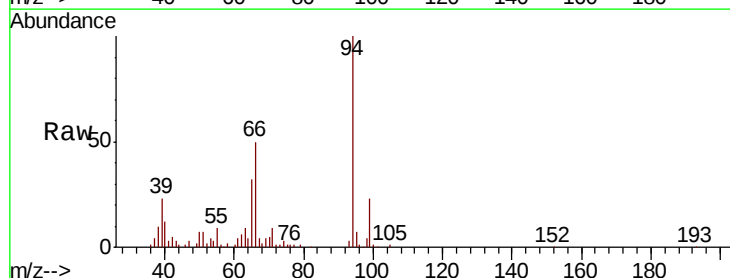
Tgt Ion: 94 Resp: 97384

Ion Ratio Lower Upper

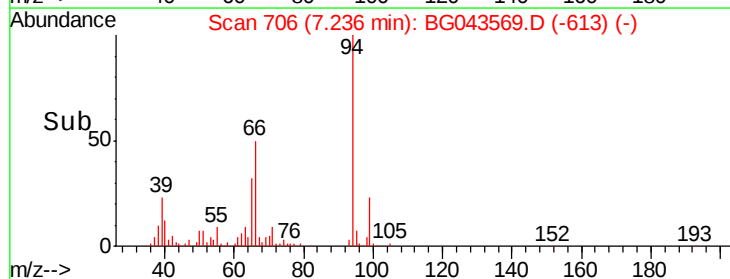
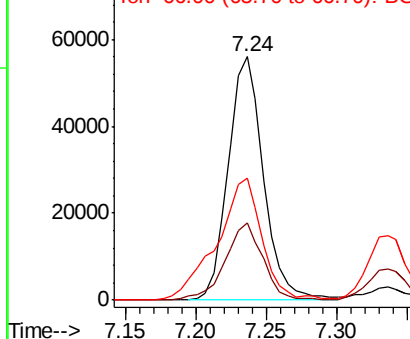
94 100

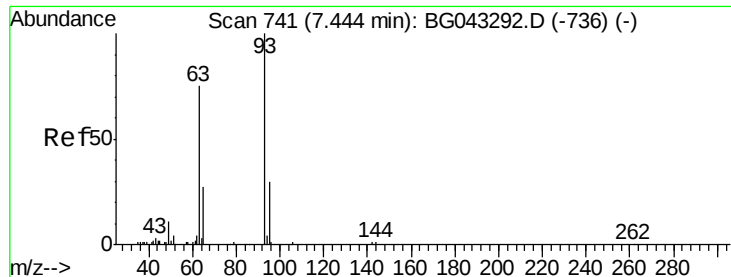
65 31.9 12.6 52.6

66 50.1 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: 39.632 ng

RT: 7.42 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

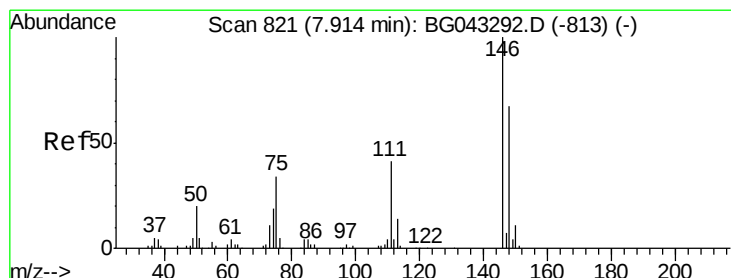
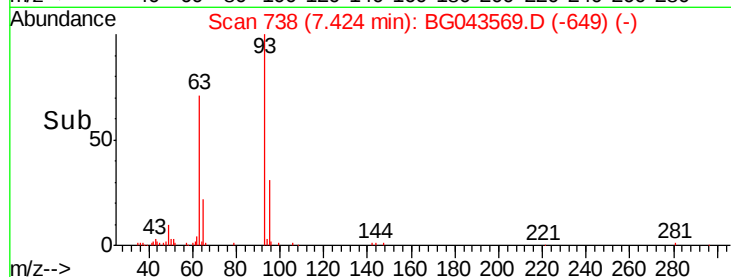
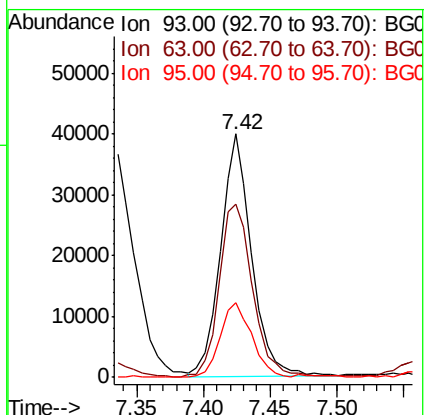
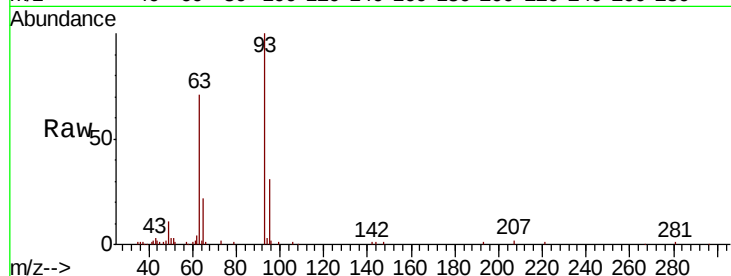
Tot Ion: 93 Resp: 64341

Ion Ratio Lower Upper

93 100

63 71.4 56.3 96.3

95 30.8 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 38.693 ng

RT: 7.89 min Scan# 818

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

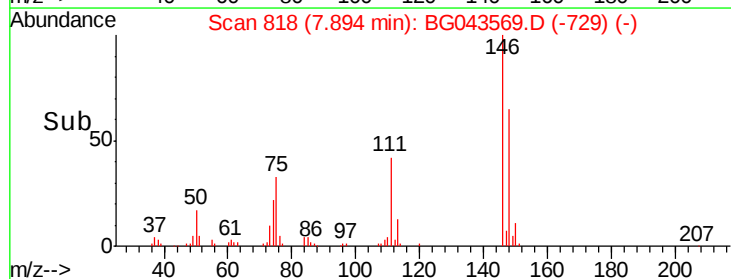
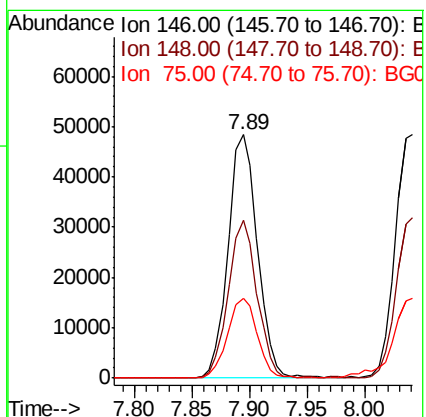
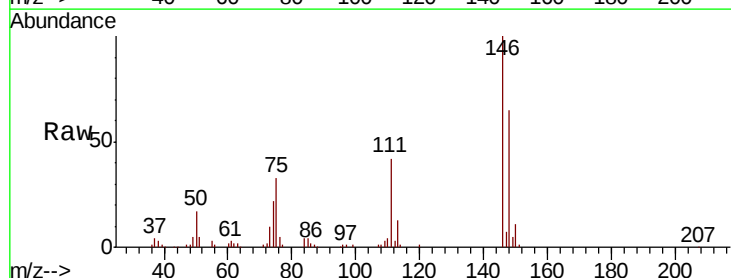
Tgt Ion: 146 Resp: 85473

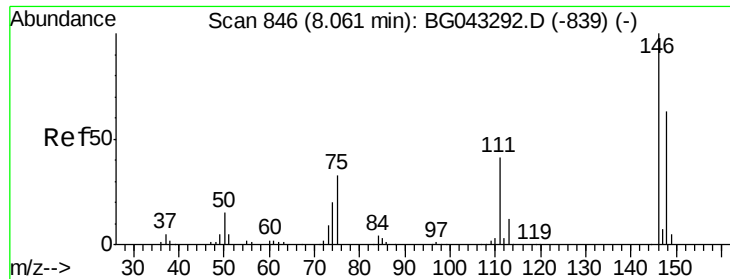
Ion Ratio Lower Upper

146 100

148 64.8 50.3 75.5

75 32.7 24.6 37.0

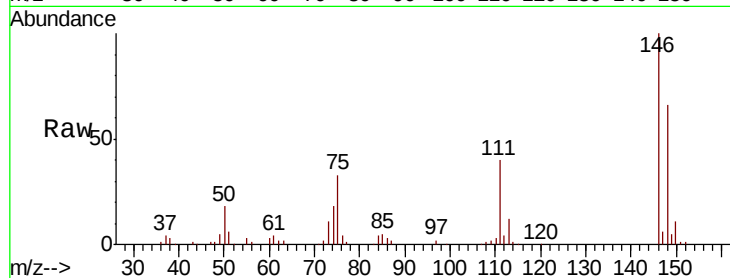




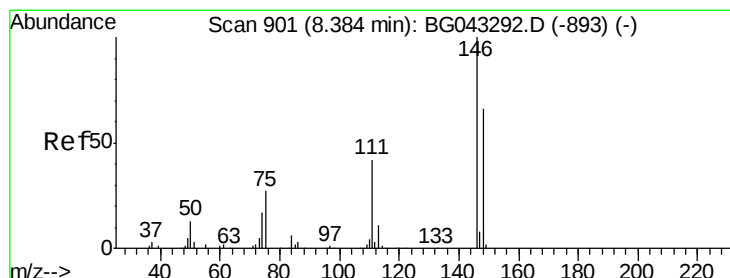
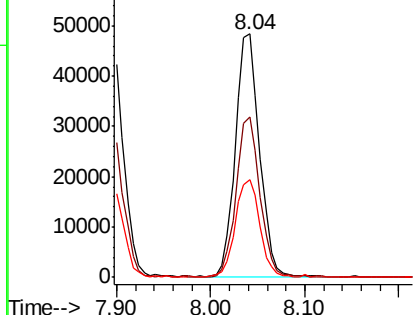
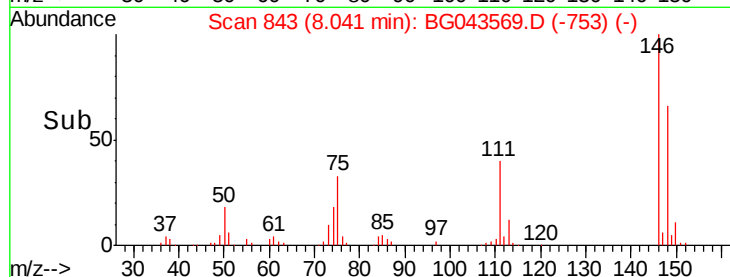
#13
 1,4-Dichlorobenzene
 Concen: 38.774 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG043569.D
 Acq: 8 Nov 2019 14:49

Instrument :
 BNA_G
 ClientSampled :
 PB124597BS

Tot Ion:146 Resp: 86657
 Ion Ratio Lower Upper
 146 100
 148 65.8 50.7 76.1
 111 40.2 33.4 50.2

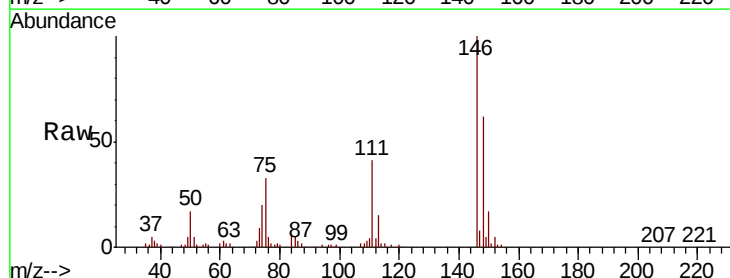


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

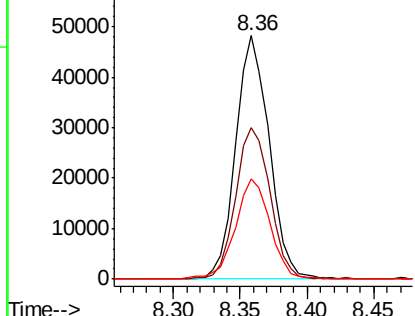
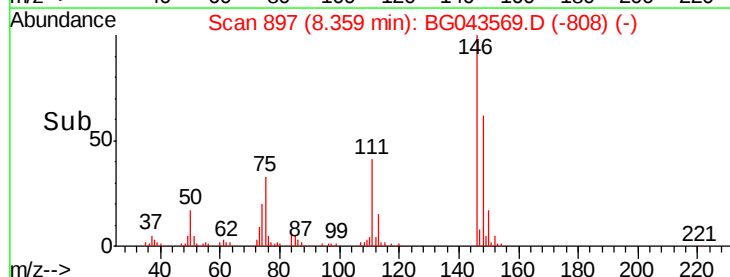


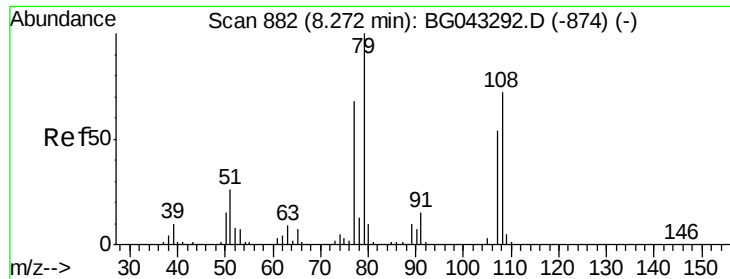
#14
 1,2-Dichlorobenzene
 Concen: 38.392 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG043569.D
 Acq: 8 Nov 2019 14:49

Tgt Ion:146 Resp: 83778
 Ion Ratio Lower Upper
 146 100
 148 62.1 53.2 79.8
 111 41.0 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

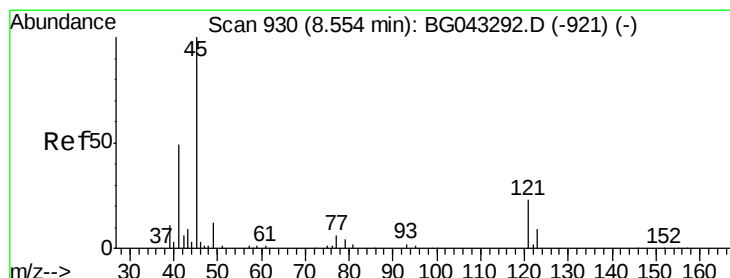
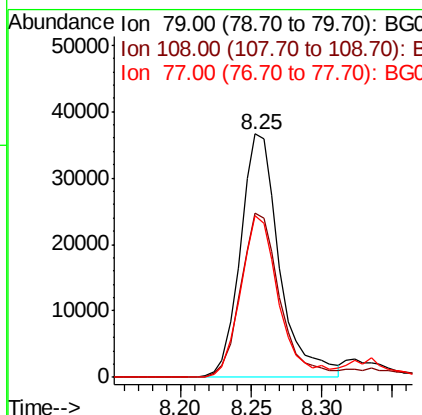
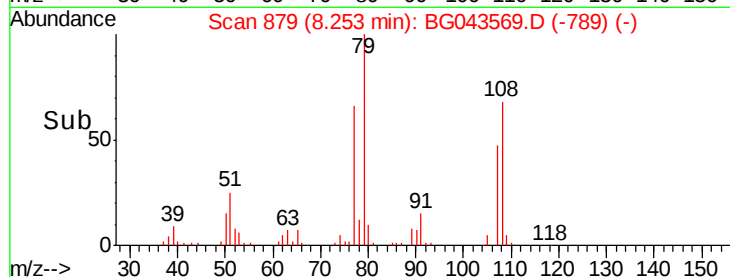
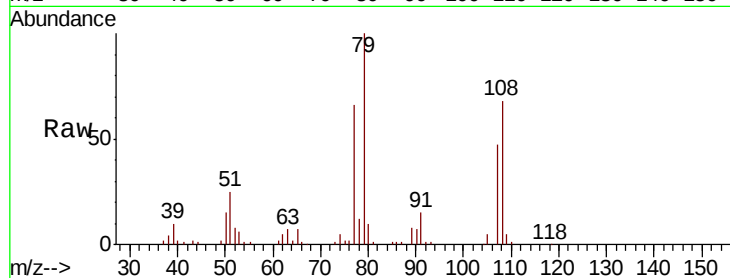




#15
Benzyl Alcohol
Concen: 43.978 ng
RT: 8.25 min Scan# 879
Delta R.T. -0.00 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

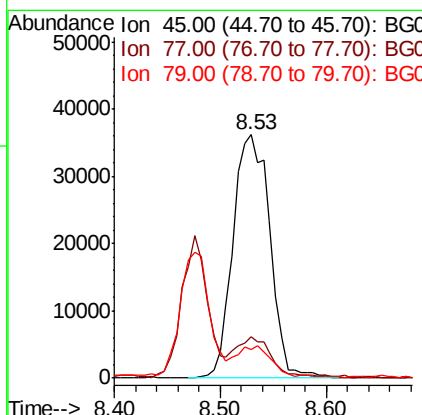
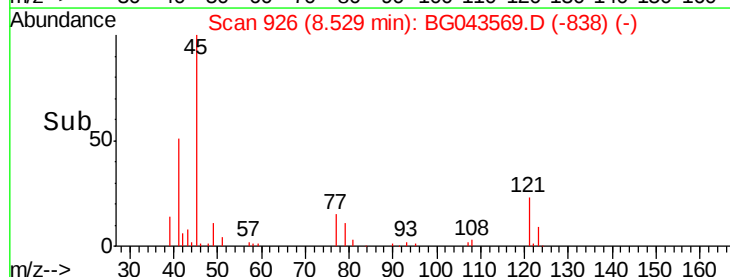
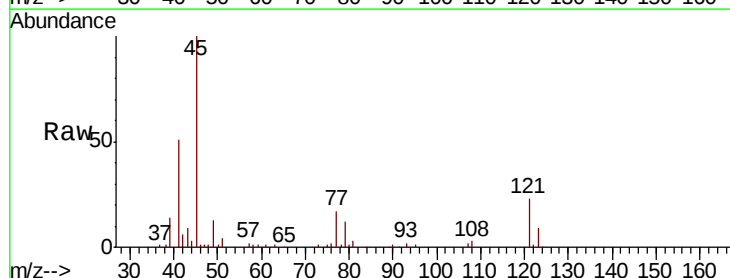
Instrument :
BNA_G
ClientSampleID :
PB124597BS

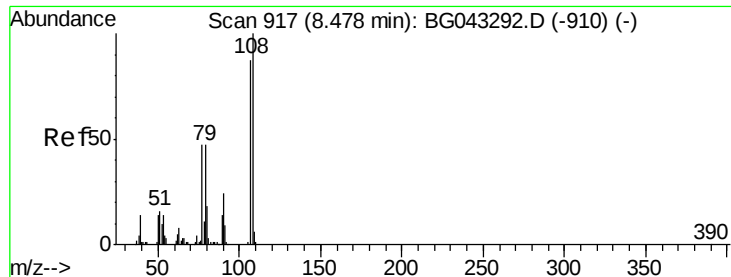
Tot Ion: 79 Resp: 70973
Ion Ratio Lower Upper
79 100
108 67.5 53.6 80.4
77 66.2 49.6 74.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.067 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Tgt Ion: 45 Resp: 87501
Ion Ratio Lower Upper
45 100
77 16.9 0.0 34.9
79 11.9 0.0 33.0





#17

2-Methylphenol

Concen: 44.187 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

Tot Ion:107 Resp: 67640

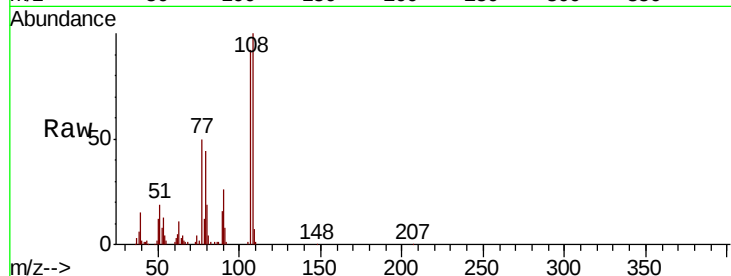
Ion Ratio Lower Upper

107 100

108 108.6 90.2 135.4

77 54.5 40.2 60.2

79 48.1 44.0 66.0

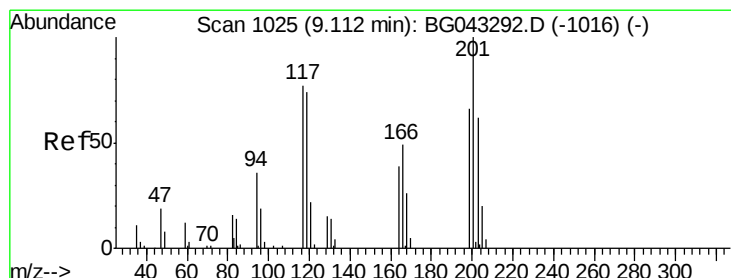
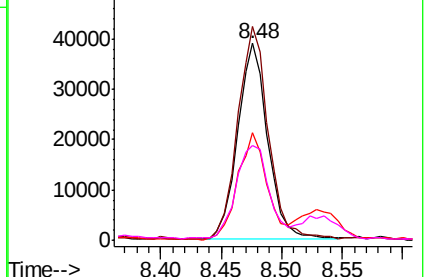
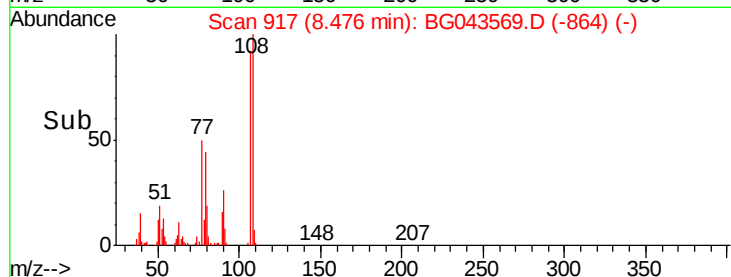


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.756 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

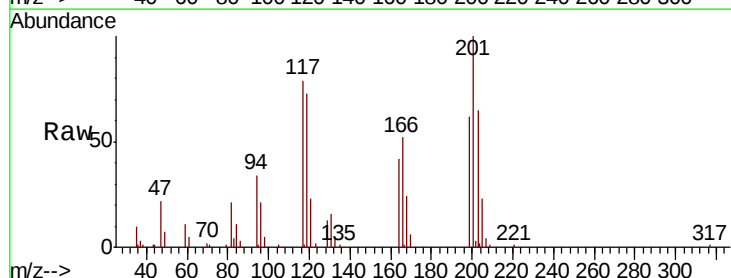
Tgt Ion:117 Resp: 30444

Ion Ratio Lower Upper

117 100

119 91.7 79.0 118.4

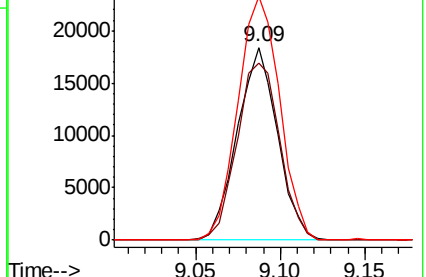
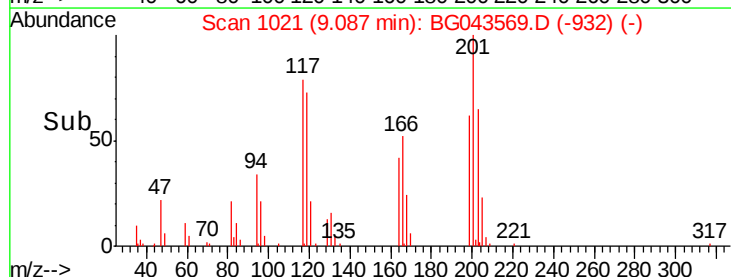
201 126.5 105.4 158.2

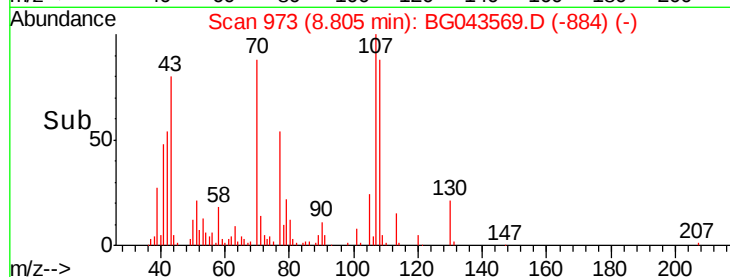
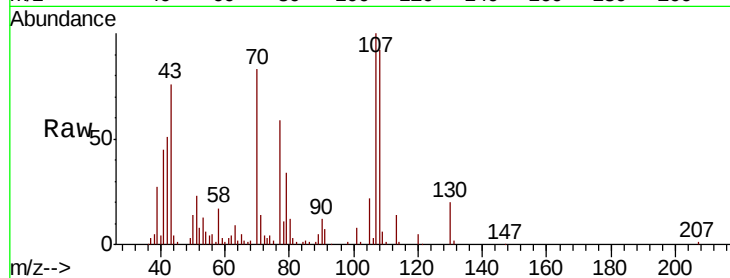
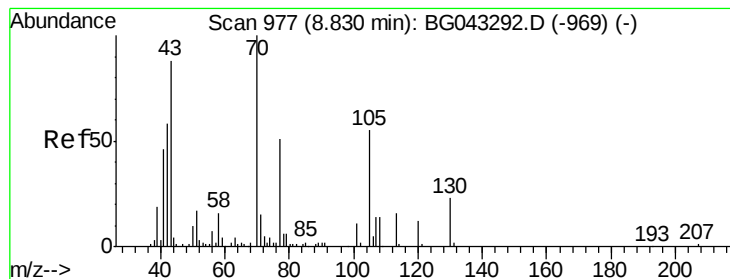


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.111 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

Tot Ion: 70 Resp: 58075

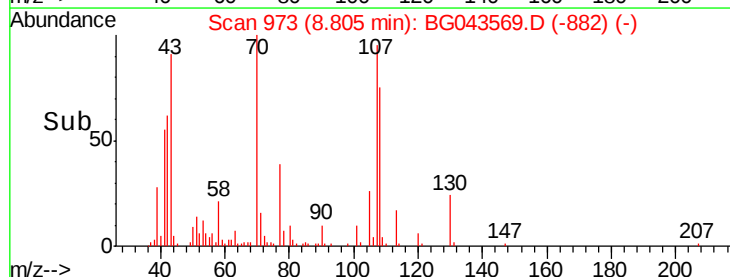
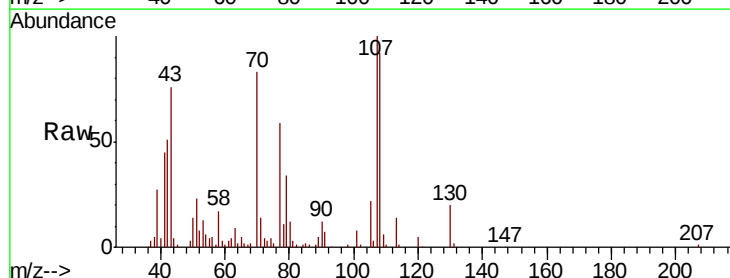
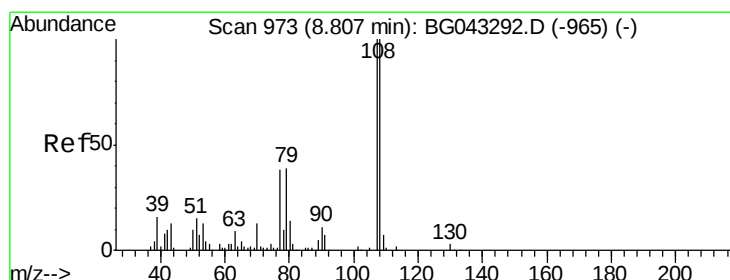
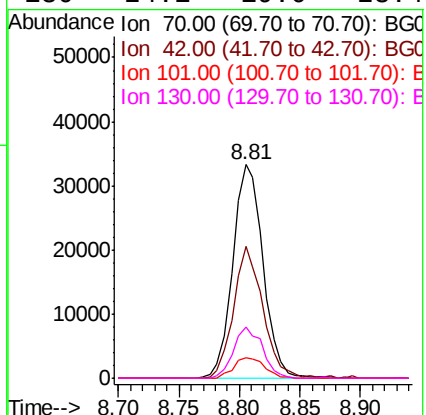
Ion Ratio Lower Upper

70 100

42 61.8 41.4 62.2

101 9.7 7.9 11.9

130 24.1 19.0 28.4



#20

3+4-Methylphenols

Concen: 42.643 ng

RT: 8.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Tgt Ion: 107 Resp: 89512

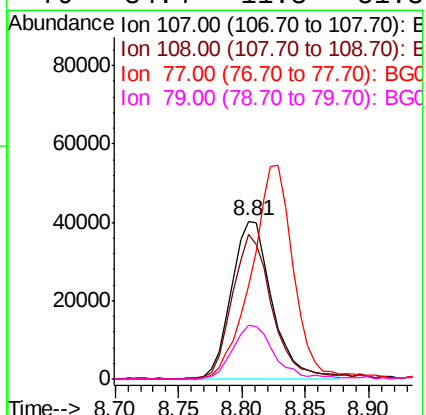
Ion Ratio Lower Upper

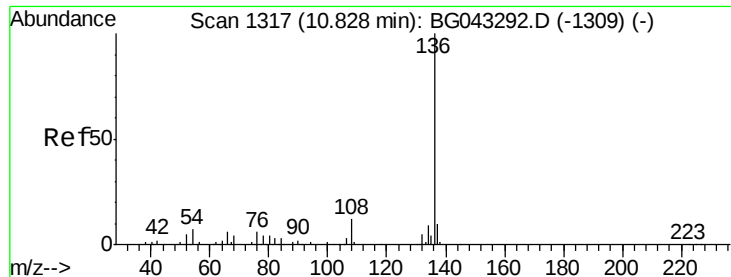
107 100

108 91.5 66.6 106.6

77 59.1 20.9 60.9

79 34.4 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: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

Tot Ion:136 Resp: 119903

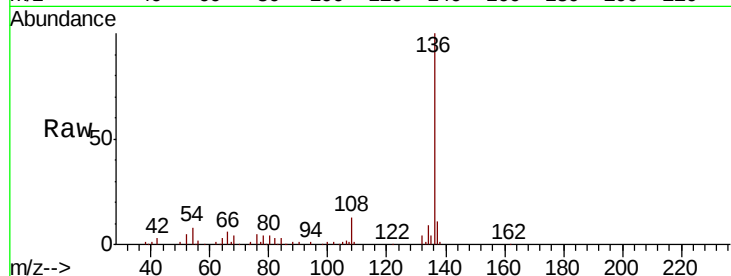
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 7.7 5.4 8.2

68 4.2 3.0 4.4

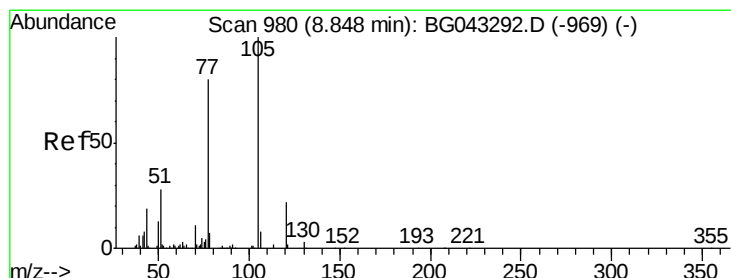
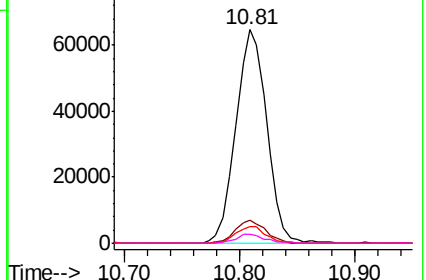
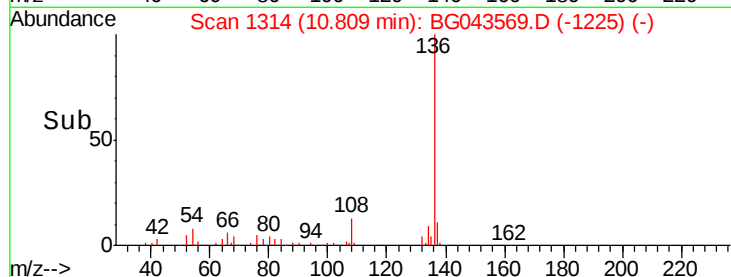


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.021 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Tgt Ion:105 Resp: 113678

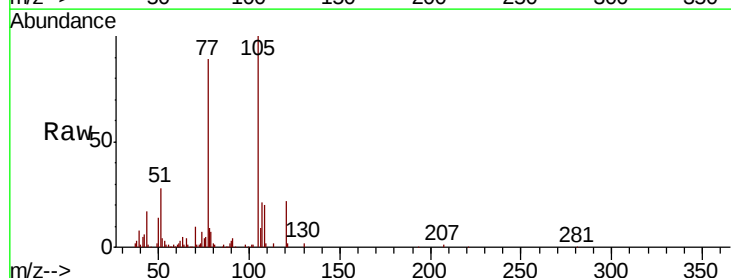
Ion Ratio Lower Upper

105 100

71 1.0 0.8 1.2

51 28.3 21.0 31.4

120 22.4 18.0 27.0

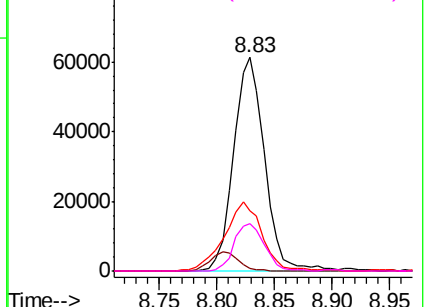
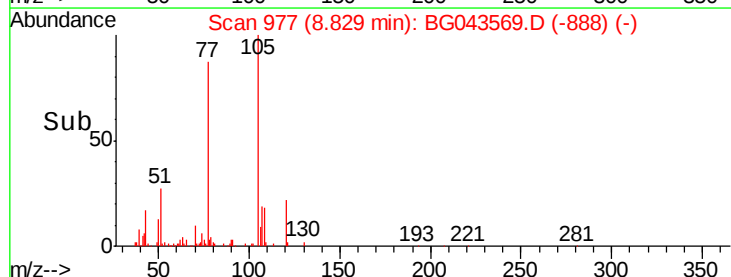


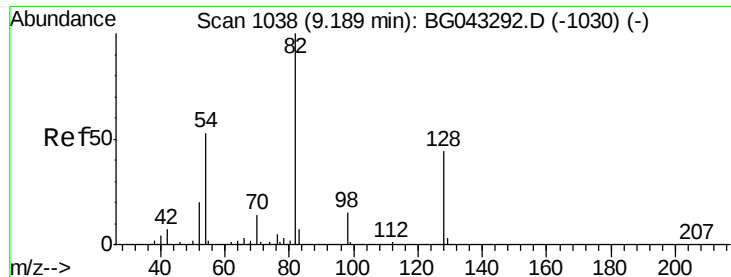
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

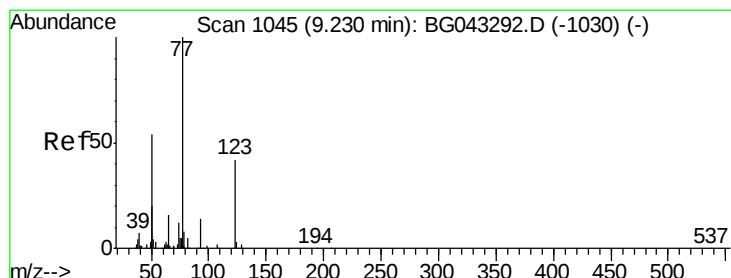
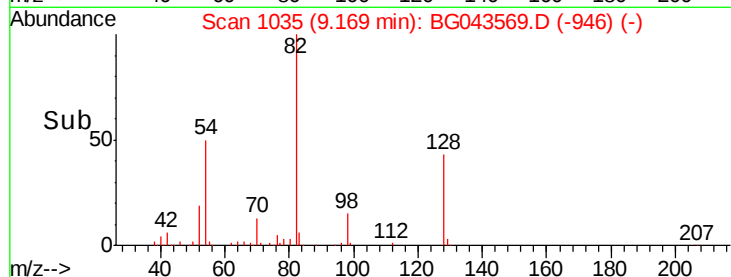
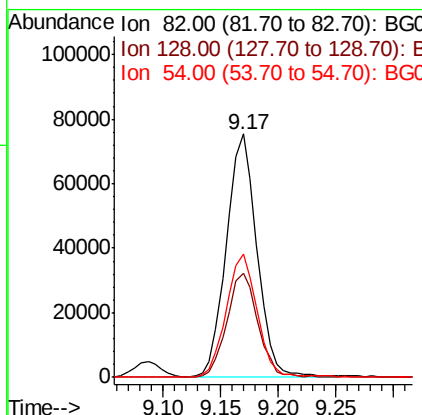
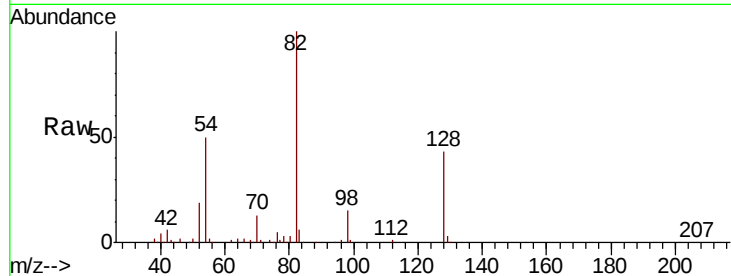




#23
 Nitrobenzene-d5
 Concen: 59.732 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043569.D
 Acq: 8 Nov 2019 14:49

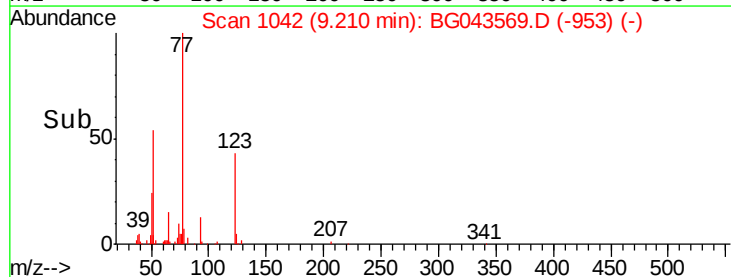
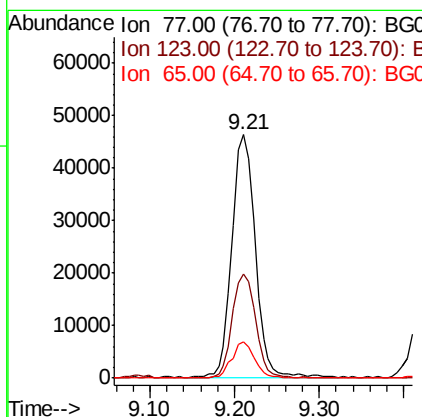
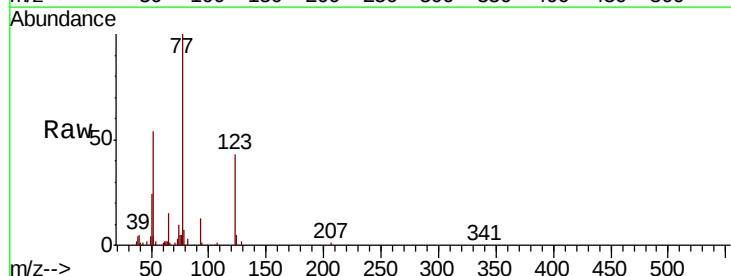
Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

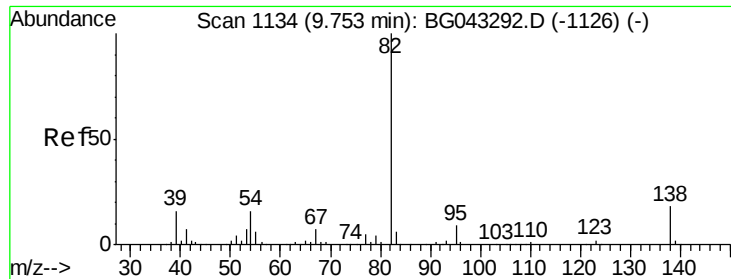
Tot Ion	82	Resp	138921
Ion Ratio	Lower	Upper	
82	100		
128	43.0	35.0	52.6
54	50.4	40.2	60.2



#24
 Nitrobenzene
 Concen: 40.298 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG043569.D
 Acq: 8 Nov 2019 14:49

Tgt Ion	77	Resp	89282
Ion Ratio	Lower	Upper	
77	100		
123	42.8	35.0	52.6
65	15.0	9.5	14.3#

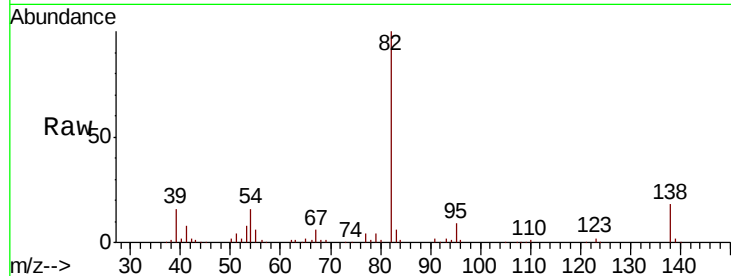




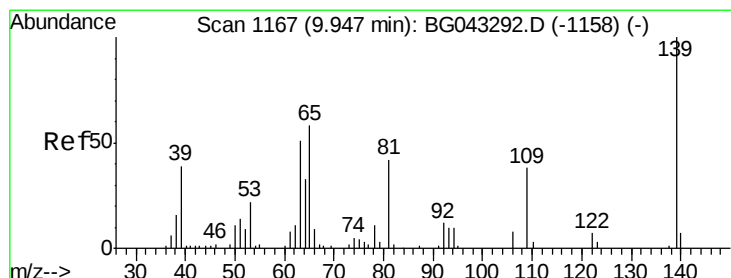
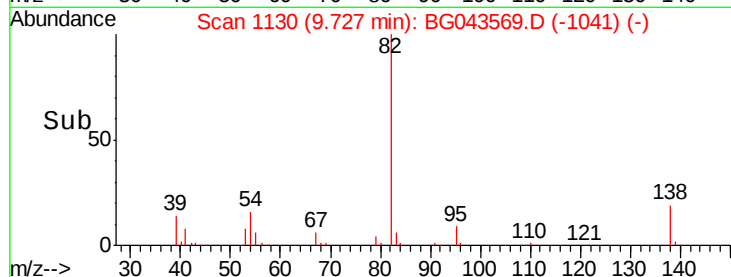
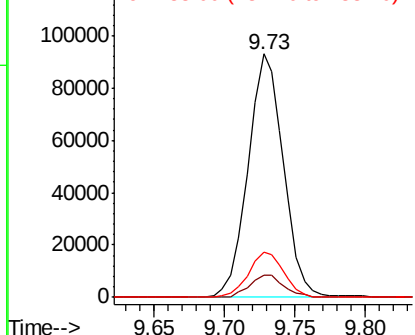
#25
Isophorone
Concen: 38.443 ng
RT: 9.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion: 82 Resp: 163462
Ion Ratio Lower Upper
82 100
95 9.2 6.6 9.8
138 18.4 15.2 22.8

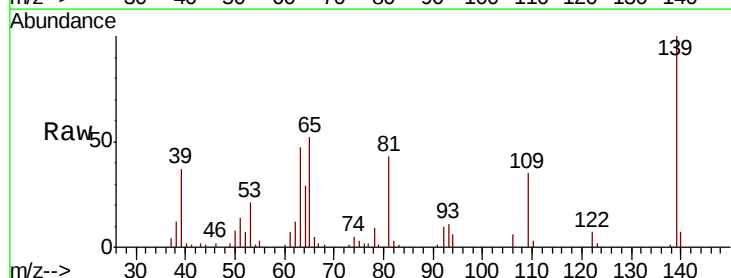


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

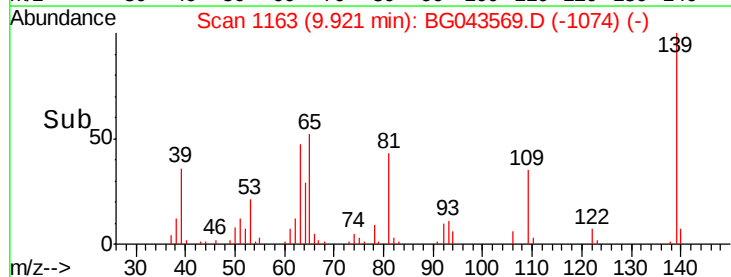
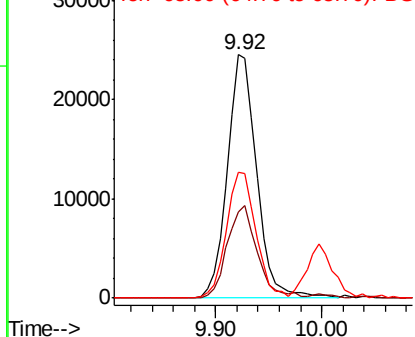


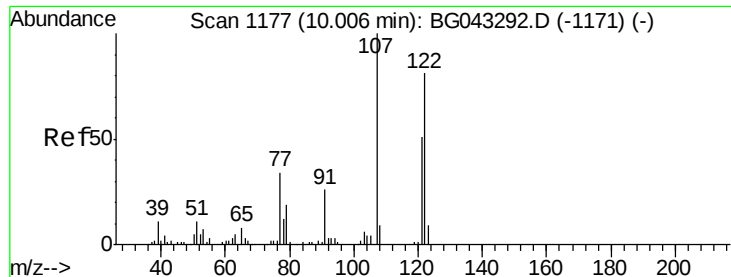
#26
2-Nitrophenol
Concen: 43.831 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Tgt Ion: 139 Resp: 46883
Ion Ratio Lower Upper
139 100
109 35.2 26.5 39.7
65 51.7 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

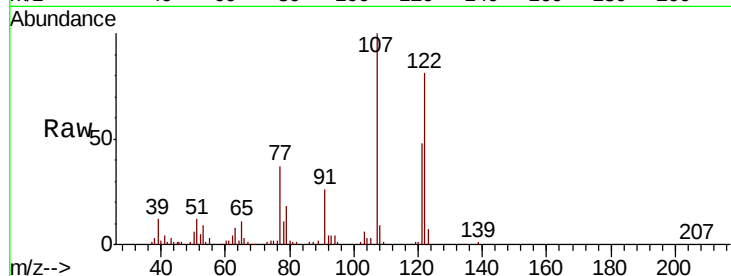




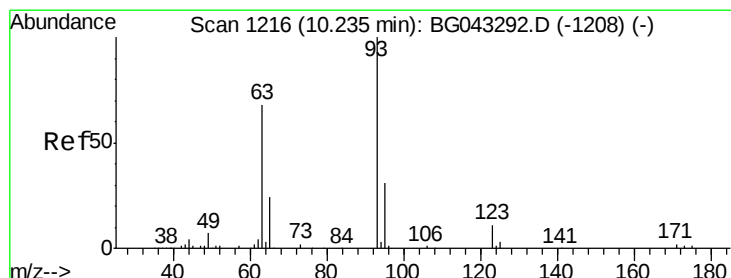
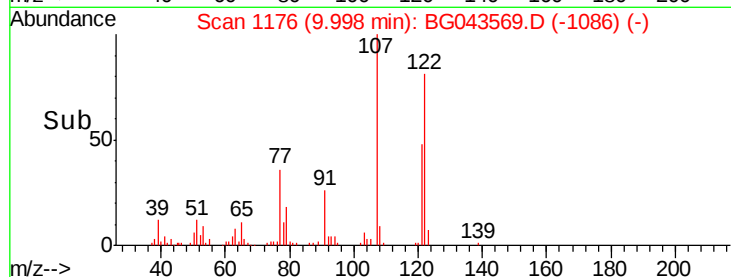
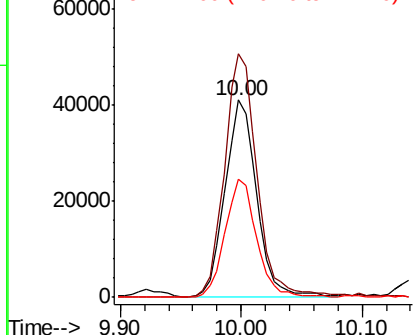
#27
2,4-Dimethylphenol
Concen: 48.997 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion:122 Resp: 75115
Ion Ratio Lower Upper
122 100
107 123.6 104.4 156.6
121 59.7 47.2 70.8

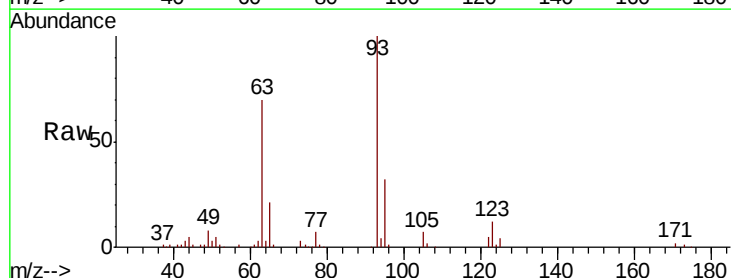


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

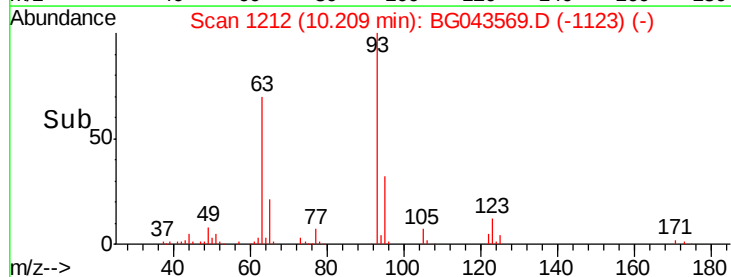
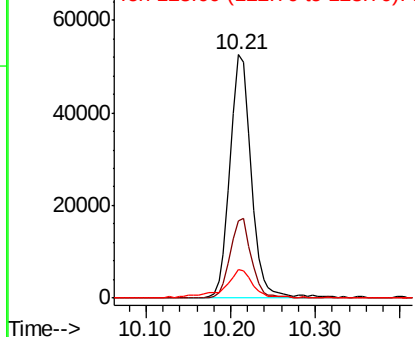


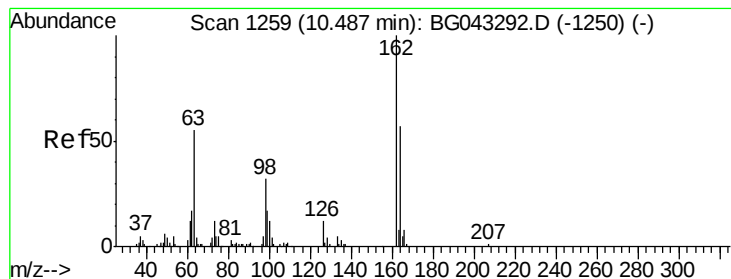
#28
bis(2-Chloroethoxy)methane
Concen: 38.937 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Tgt Ion: 93 Resp: 91378
Ion Ratio Lower Upper
93 100
95 31.6 26.0 39.0
123 11.8 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: 43.027 ng

RT: 10.48 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

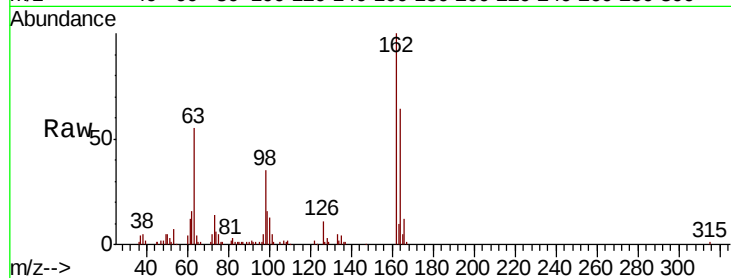
Tot Ion:162 Resp: 84516

Ion Ratio Lower Upper

162 100

164 63.9 48.9 88.9

98 35.0 15.1 55.1

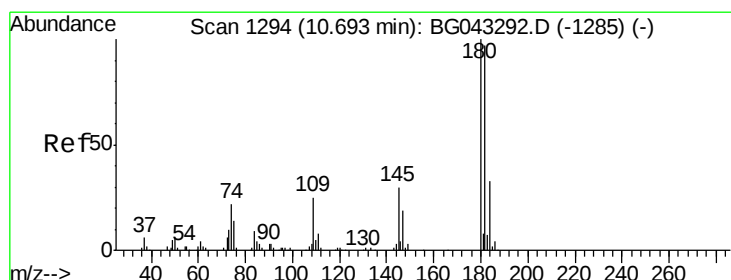
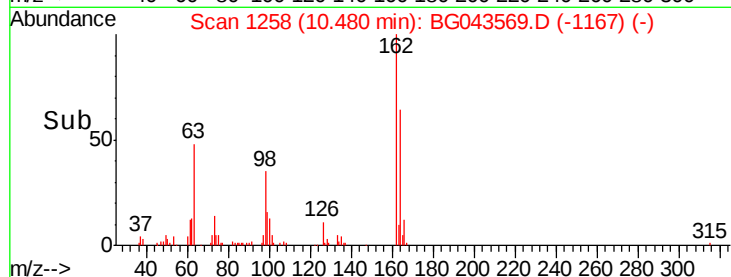
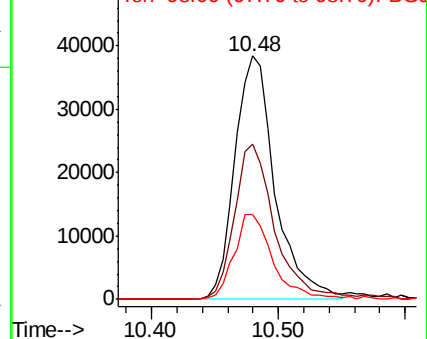


Abundance

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): B



#30

1,2,4-Trichlorobenzene

Concen: 37.917 ng

RT: 10.67 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

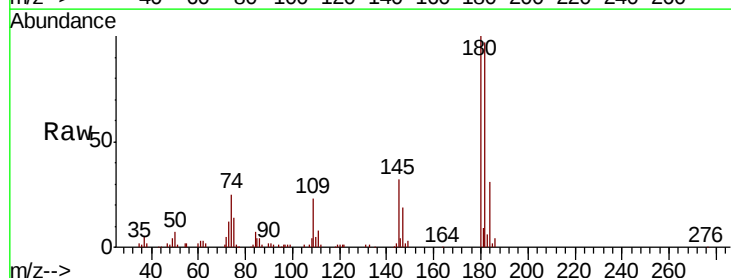
Tgt Ion:180 Resp: 93871

Ion Ratio Lower Upper

180 100

182 97.5 75.1 112.7

145 31.8 23.9 35.9

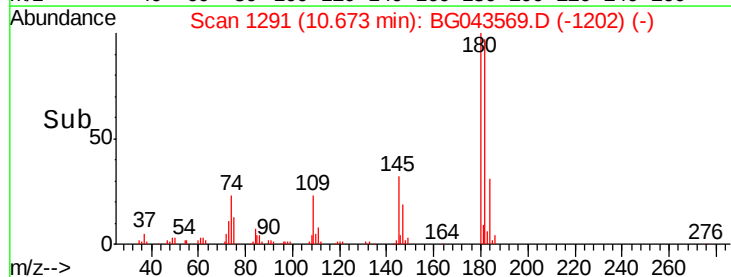
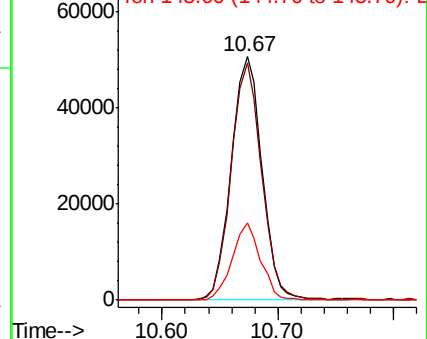


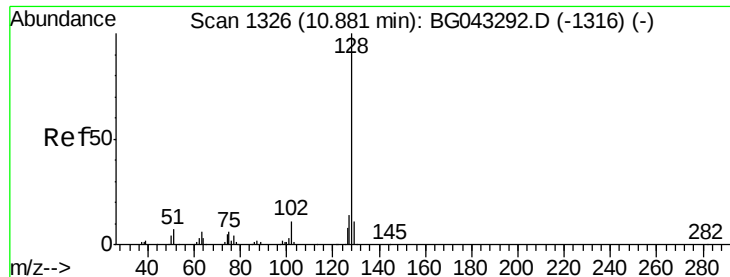
Abundance

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

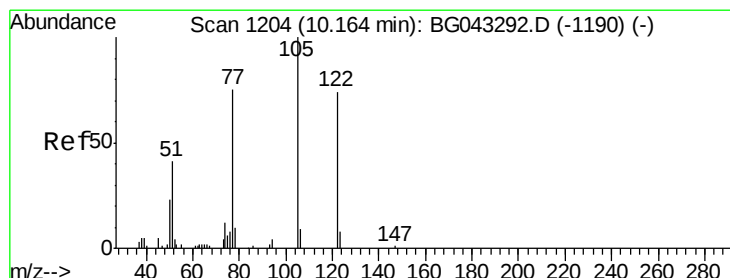
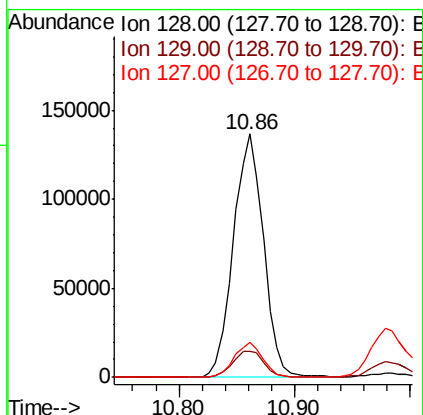
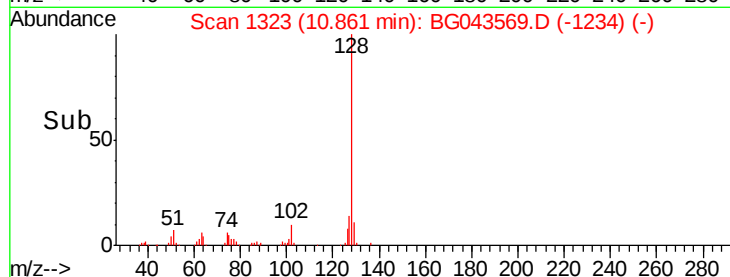
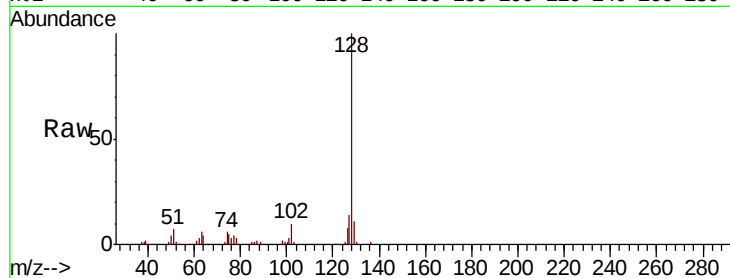




#31
Naphthalene
Concen: 40.452 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

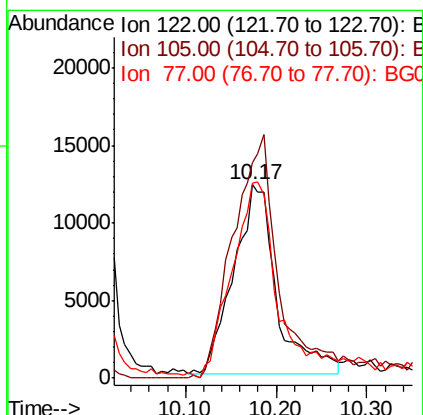
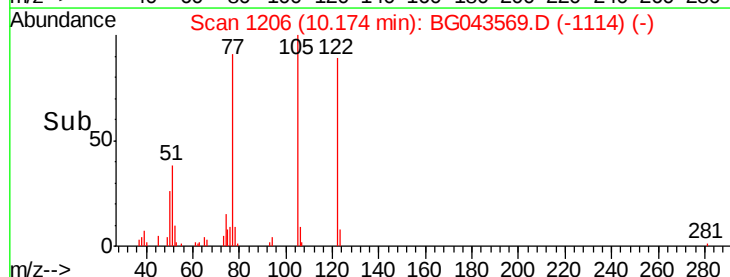
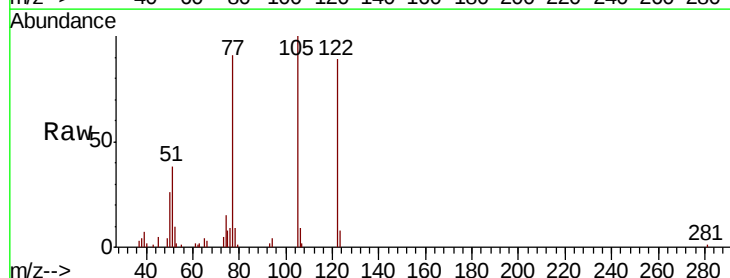
Instrument :
BNA_G
ClientSampleId :
PB124597BS

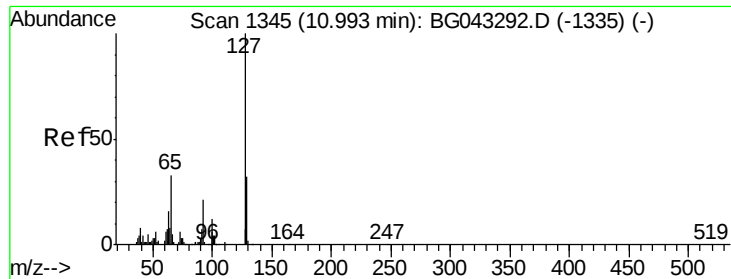
Tot Ion:128 Resp: 246198
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.0
127 14.3 11.1 16.7



#32
Benzoic acid
Concen: 37.059 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Tgt Ion:122 Resp: 40405
Ion Ratio Lower Upper
122 100
105 111.9 103.3 143.3
77 101.3 84.9 124.9

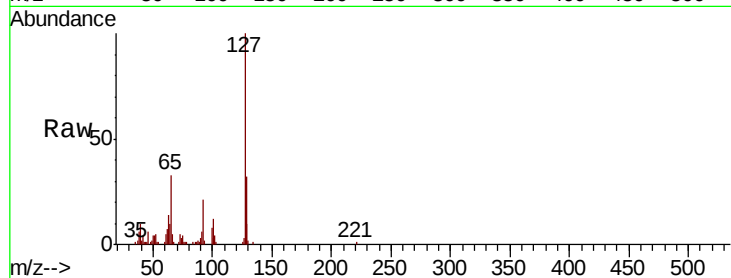




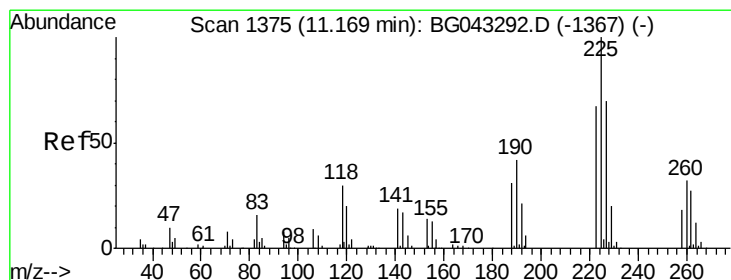
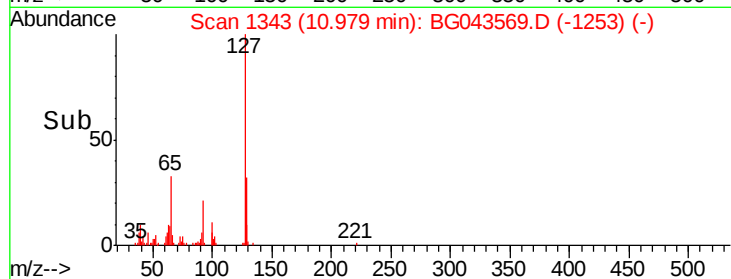
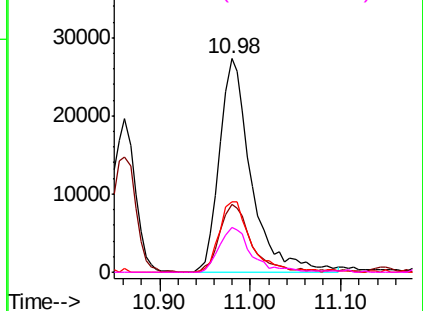
#33
4-Chloroaniline
Concen: 26.573 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion:127	Resp:	66294
Ion	Ratio	Lower Upper
127	100	
129	31.9	26.5 39.7
65	33.0	26.4 39.6
92	21.3	16.2 24.2

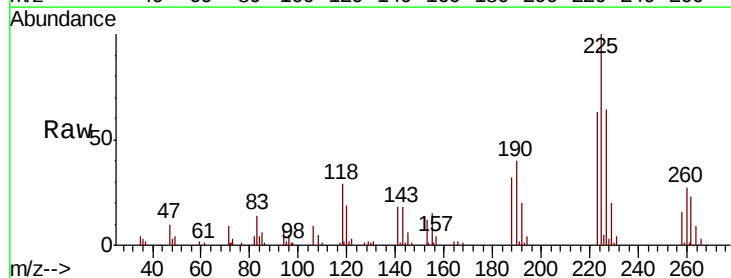


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

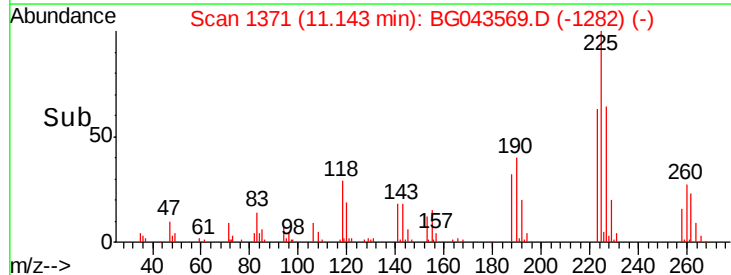
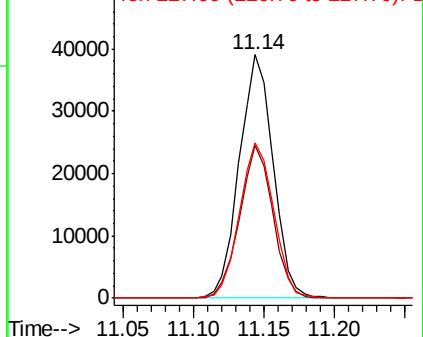


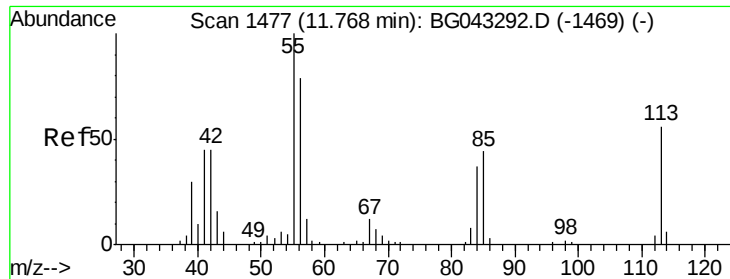
#34
Hexachlorobutadiene
Concen: 35.795 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Tgt Ion:225	Resp:	65508
Ion	Ratio	Lower Upper
225	100	
223	62.8	52.7 79.1
227	63.6	54.8 82.2



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





#35

Caprolactam

Concen: 28.307 ng

RT: 11.74 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

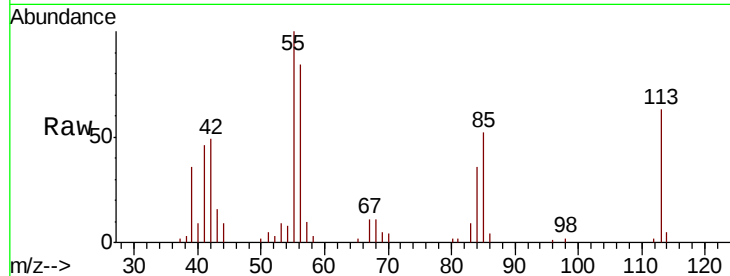
Tot Ion:113 Resp: 19150

Ion Ratio Lower Upper

113 100

55 158.9 134.1 174.1

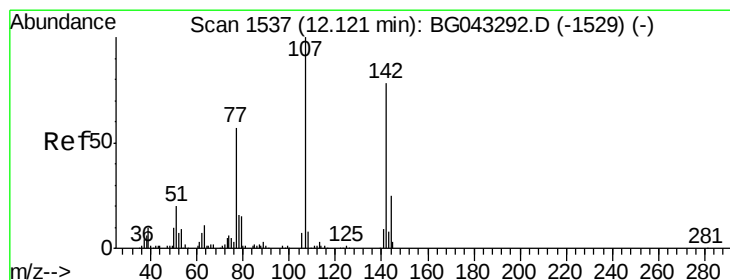
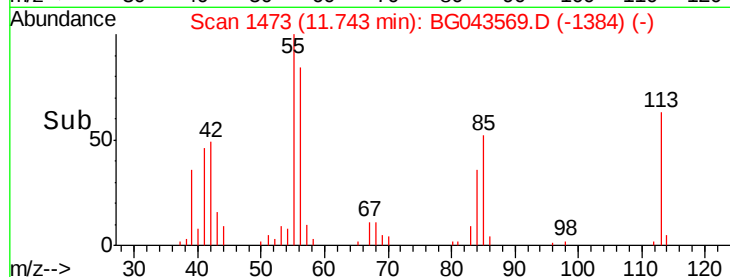
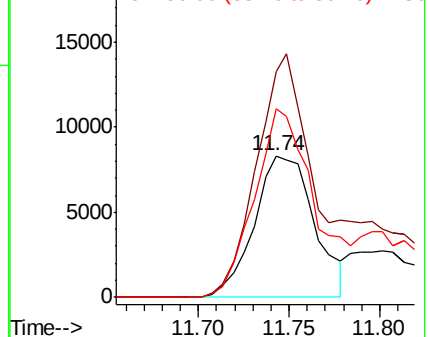
56 132.9 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.087 ng

RT: 12.12 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

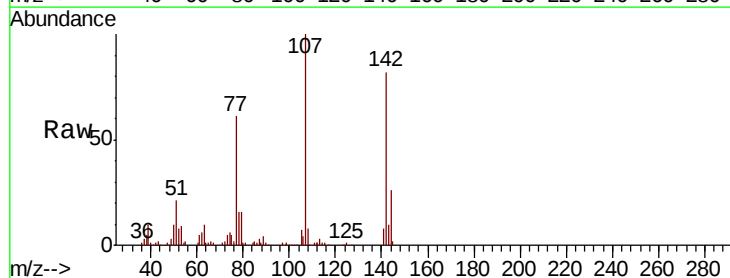
Tgt Ion:107 Resp: 90176

Ion Ratio Lower Upper

107 100

144 26.1 20.9 31.3

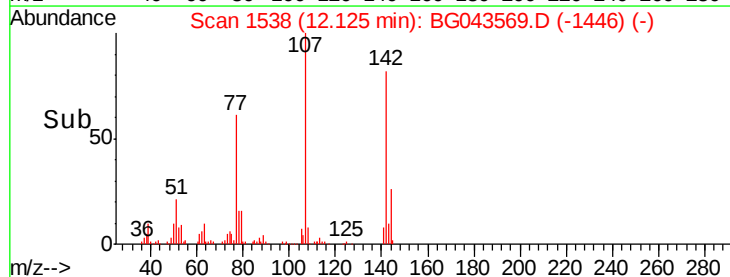
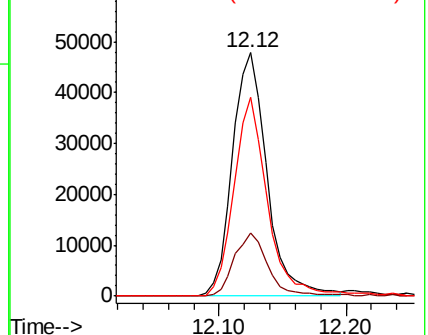
142 81.5 59.6 89.4

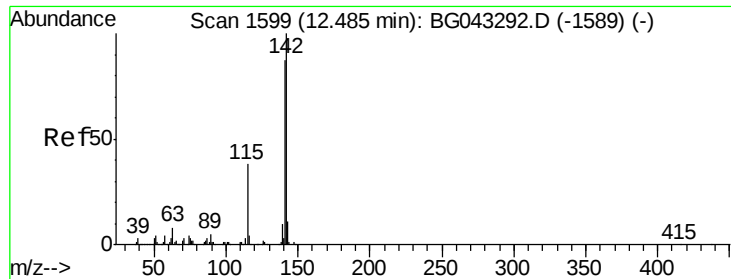


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

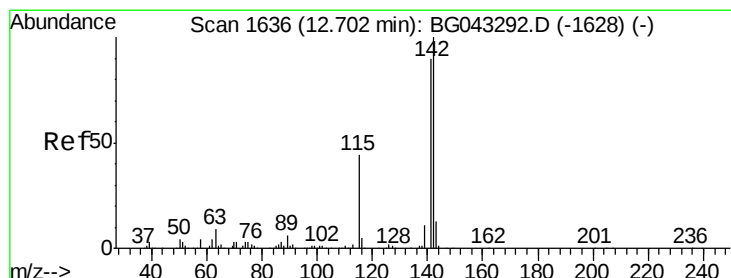
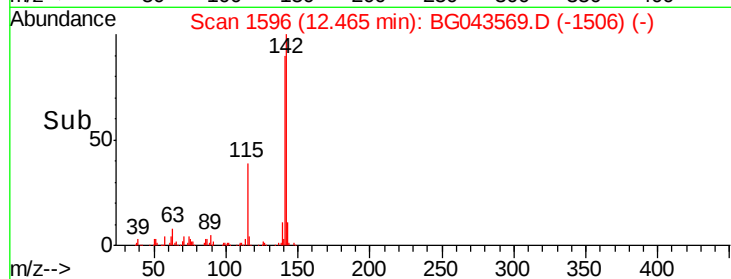
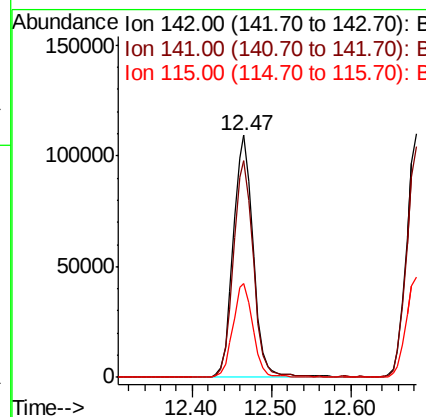
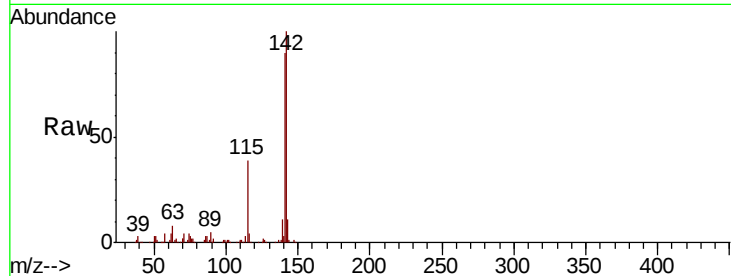




#37
2-Methylnaphthalene
Concen: 40.770 ng
RT: 12.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

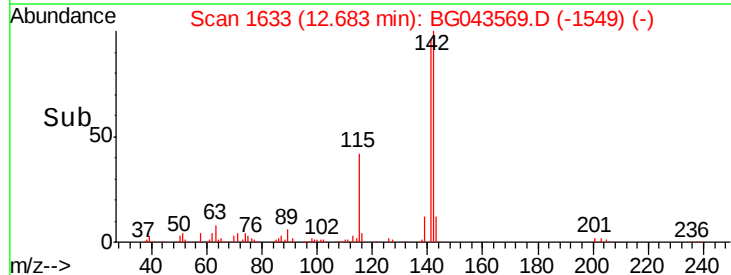
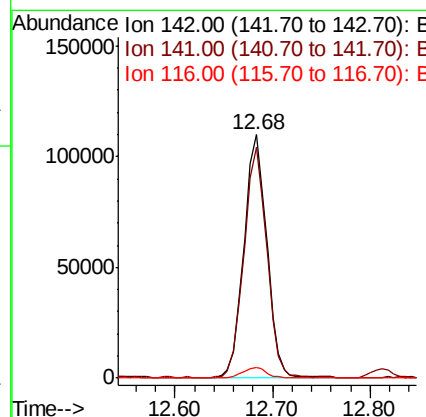
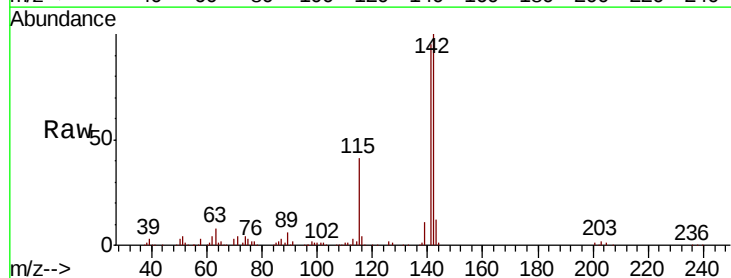
Instrument :
BNA_G
ClientSampleId :
PB124597BS

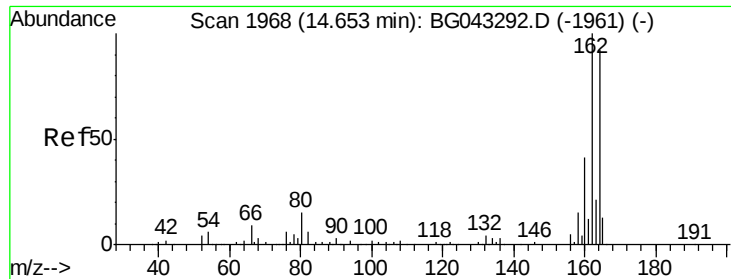
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.2	108.2
115	38.8	33.2	49.8



#38
1-Methylnaphthalene
Concen: 40.827 ng
RT: 12.68 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	73.2	109.8
116	4.1	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: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

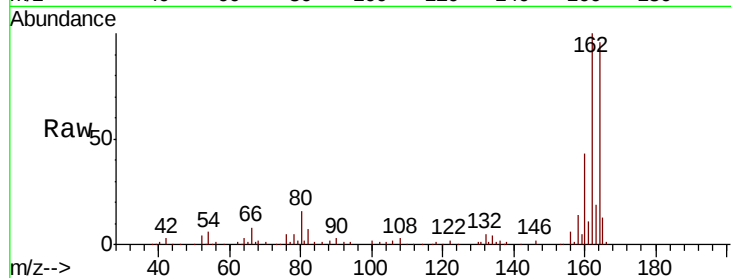
Tot Ion:164 Resp: 92939

Ion Ratio Lower Upper

164 100

162 104.0 83.5 125.3

160 44.2 36.5 54.7

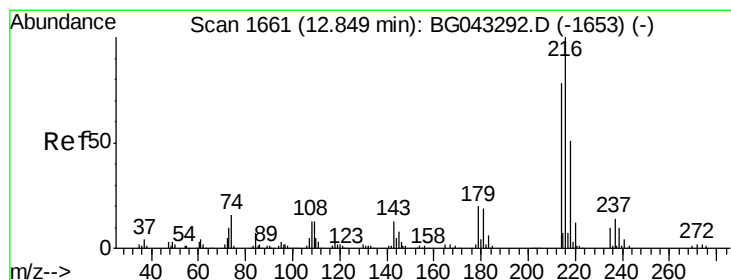
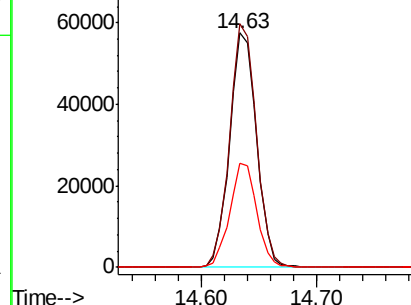
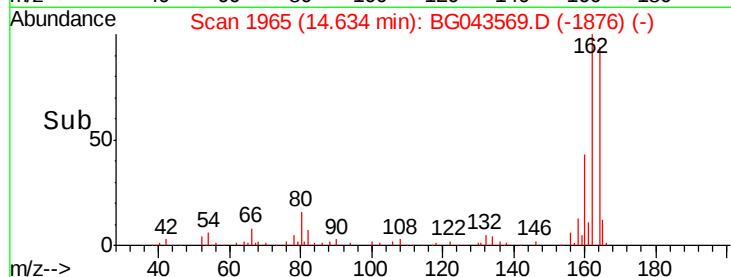


Abundance

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: 35.472 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Tgt Ion:216 Resp: 122007

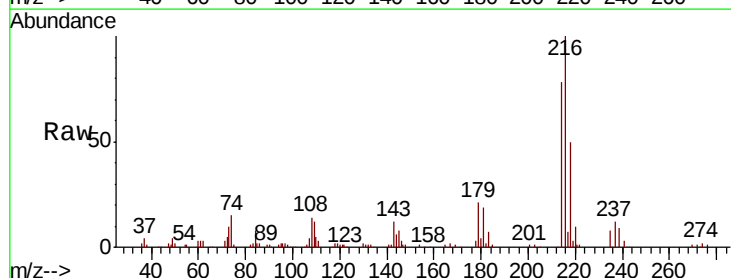
Ion Ratio Lower Upper

216 100

214 79.4 61.7 92.5

179 20.2 15.8 23.8

108 14.8 11.5 17.3



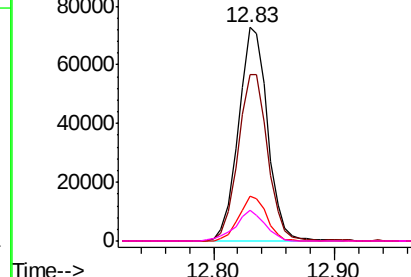
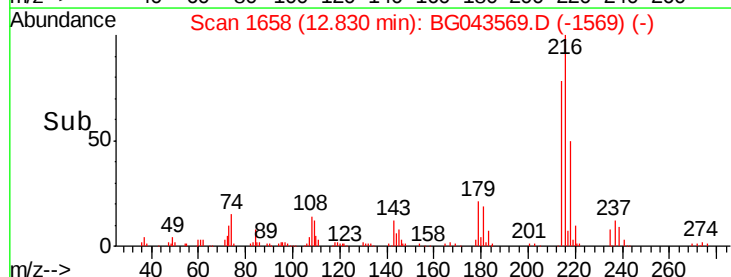
Abundance

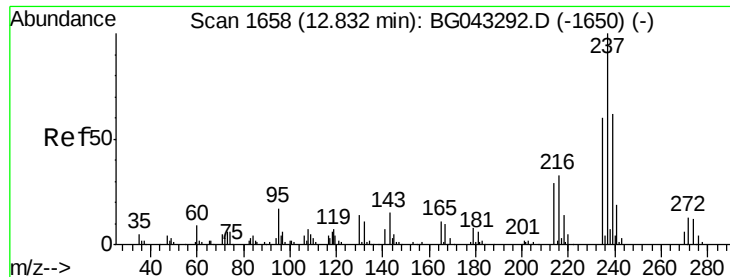
Ion 216.00 (215.70 to 216.70): E

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: 36.626 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

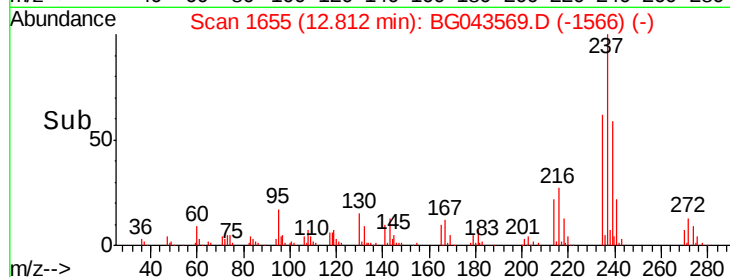
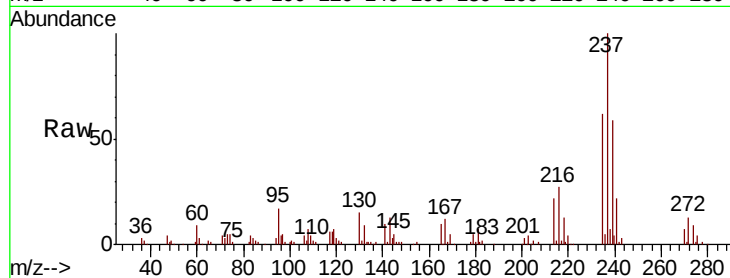
Tot Ion:237 Resp: 66176

Ion Ratio Lower Upper

237 100

235 61.8 41.6 81.6

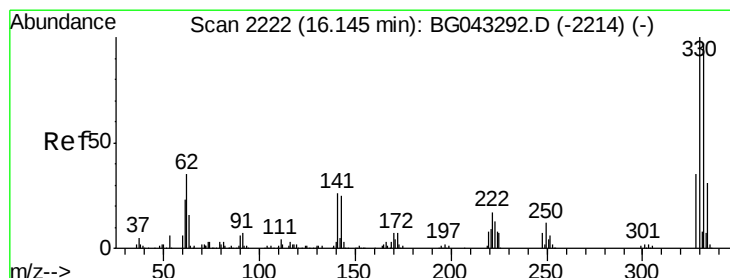
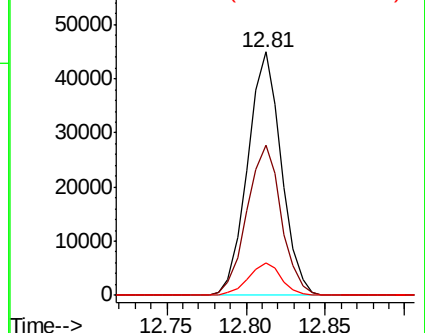
272 13.1 0.0 32.5



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: 98.514 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

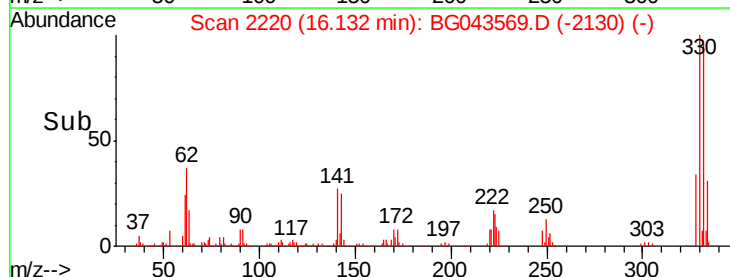
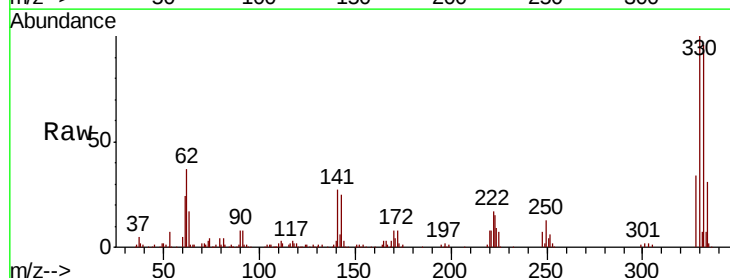
Tgt Ion:330 Resp: 174235

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.0

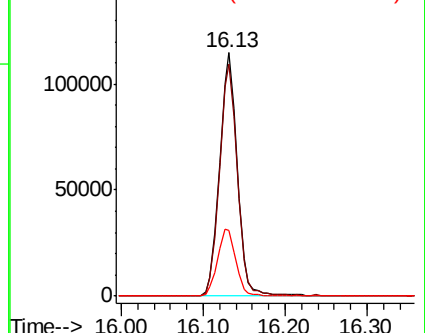
141 28.3 22.8 34.2

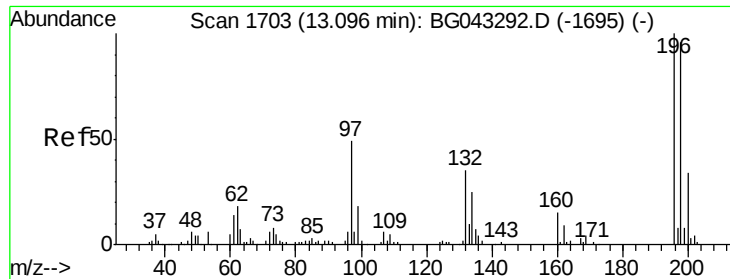


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

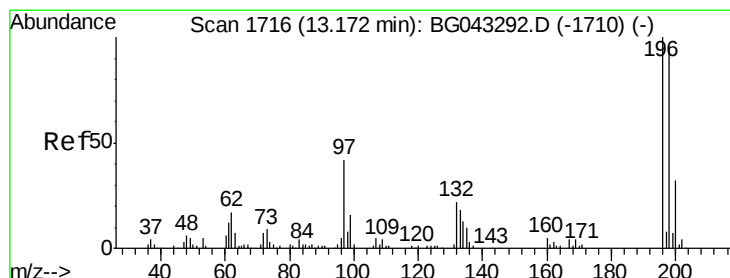
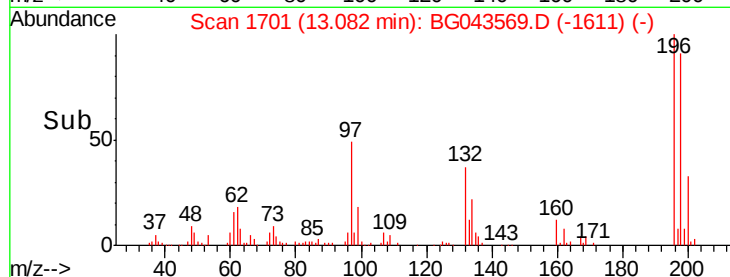
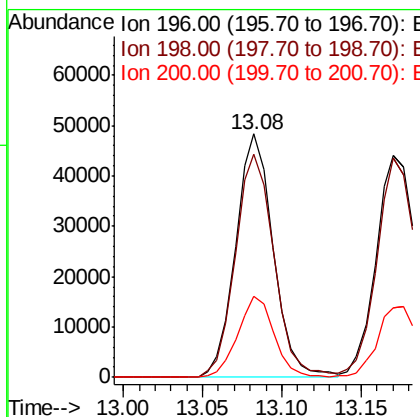
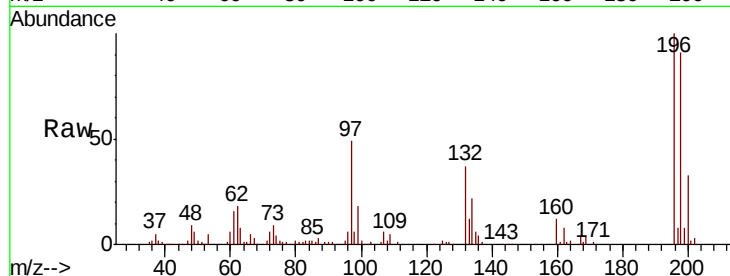




#43
 2,4,6-Trichlorophenol
 Concen: 39.158 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043569.D
 Acq: 8 Nov 2019 14:49

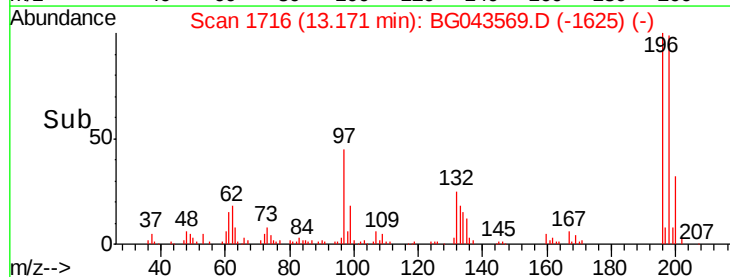
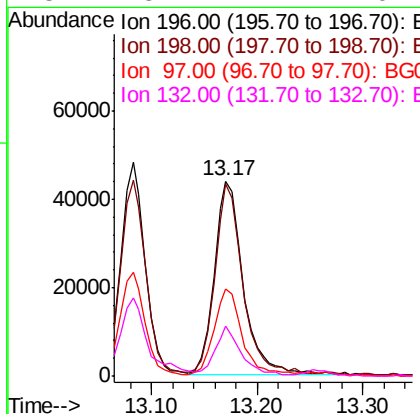
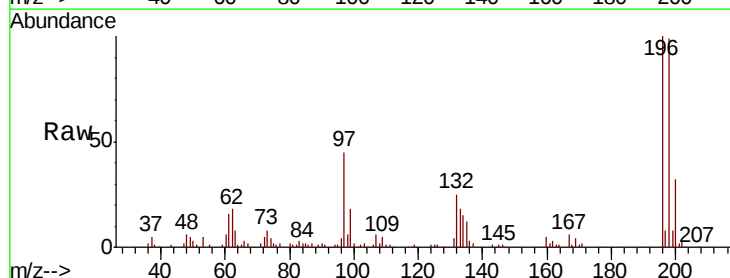
Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

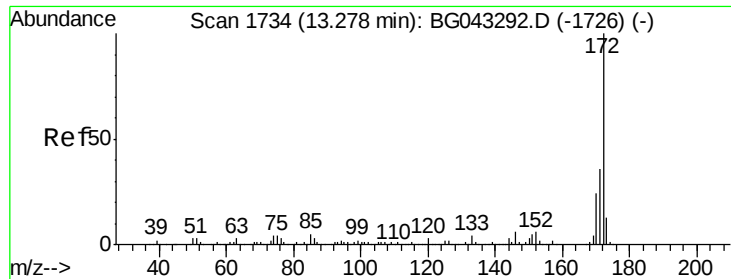
Tot Ion:196 Resp: 79317
 Ion Ratio Lower Upper
 196 100
 198 91.5 75.8 113.6
 200 33.2 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 41.180 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043569.D
 Acq: 8 Nov 2019 14:49

Tgt Ion:196 Resp: 84330
 Ion Ratio Lower Upper
 196 100
 198 98.6 74.5 111.7
 97 44.6 36.3 54.5
 132 25.4 17.4 26.2

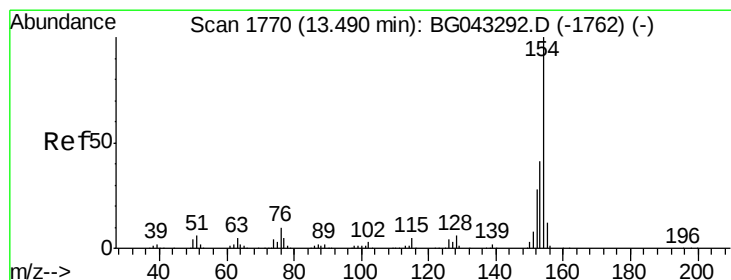
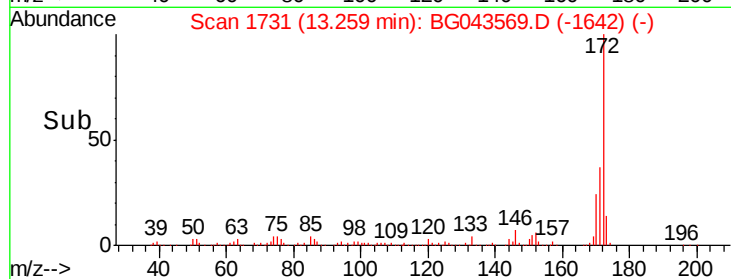
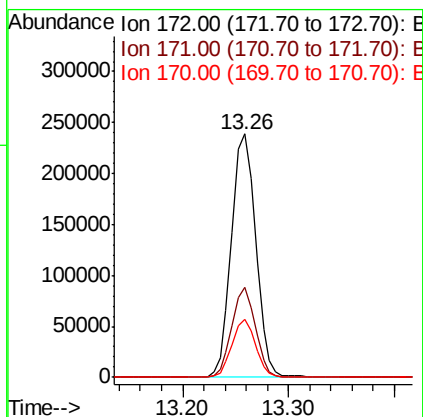
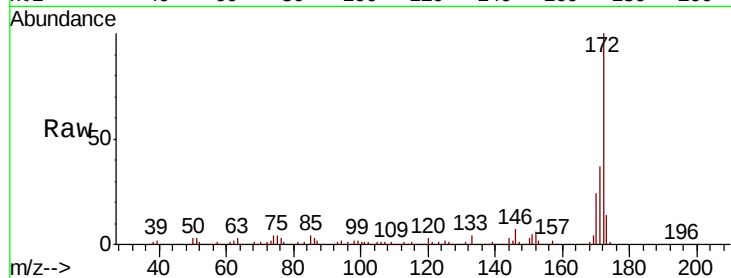




#45
 2-Fluorobiphenyl
 Concen: 56.766 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043569.D
 Acq: 8 Nov 2019 14:49

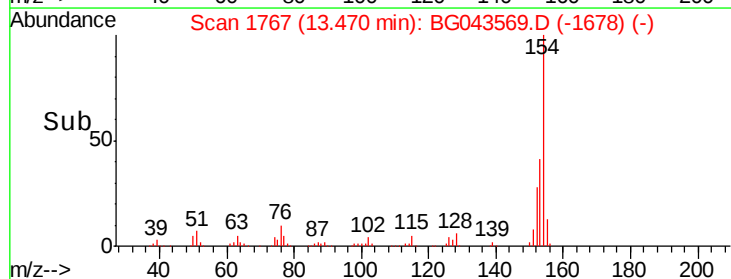
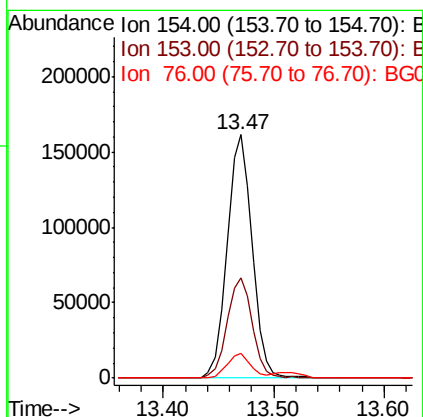
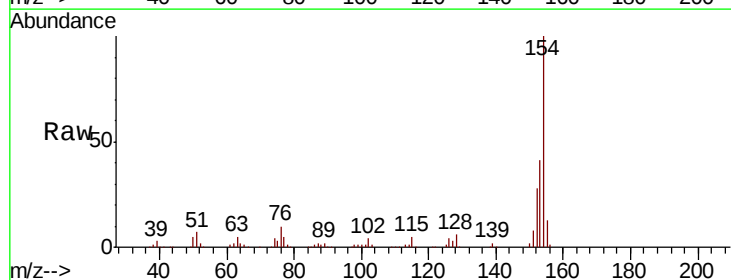
Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

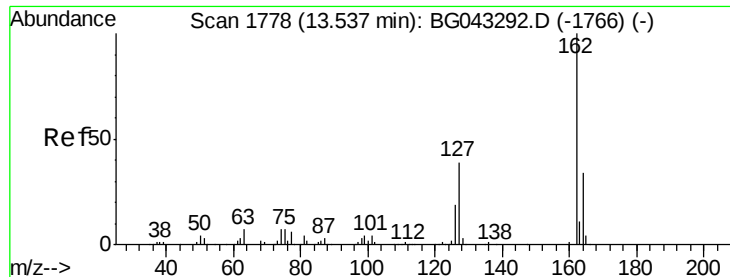
Tot Ion:172 Resp: 381804
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.9 43.3
 170 24.1 18.5 27.7



#46
 1,1'-Biphenyl
 Concen: 36.242 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BG043569.D
 Acq: 8 Nov 2019 14:49

Tgt Ion:154 Resp: 256239
 Ion Ratio Lower Upper
 154 100
 153 40.9 19.9 59.9
 76 10.0 0.0 29.4





#47

2-Chloronaphthalene

Concen: 36.414 ng

RT: 13.51 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

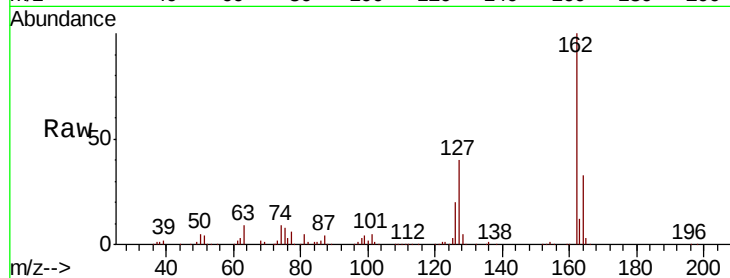
Tot Ion:162 Resp: 195894

Ion Ratio Lower Upper

162 100

127 39.6 31.2 46.8

164 32.6 25.8 38.8

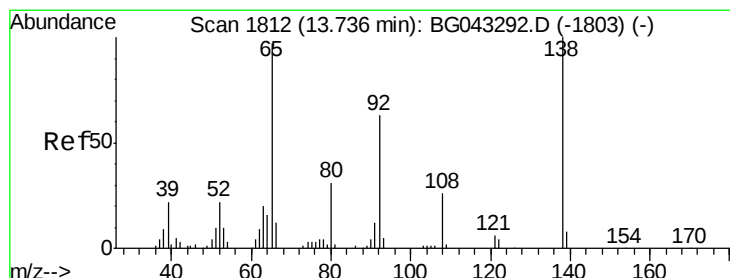
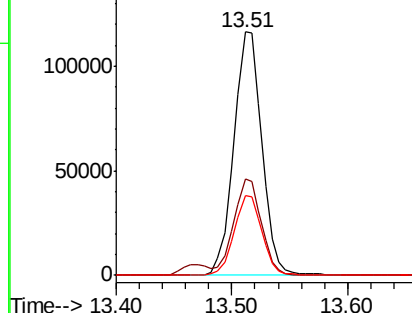
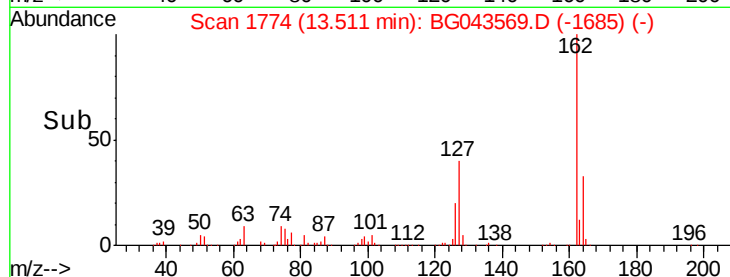


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 37.826 ng

RT: 13.72 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

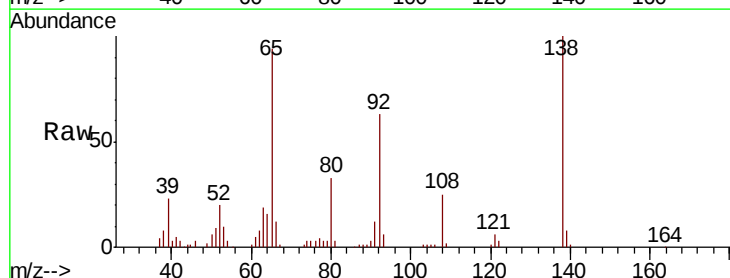
Tgt Ion: 65 Resp: 60819

Ion Ratio Lower Upper

65 100

92 67.2 56.2 84.2

138 106.6 82.6 123.8

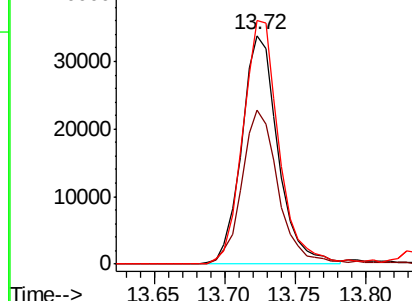
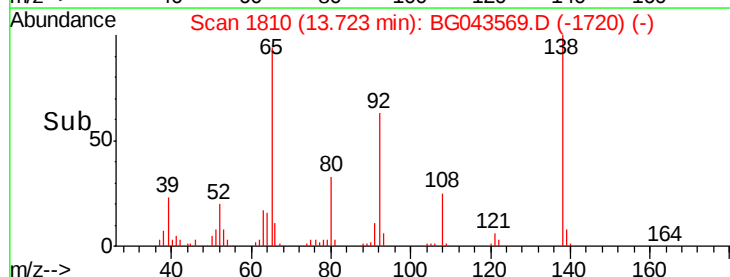


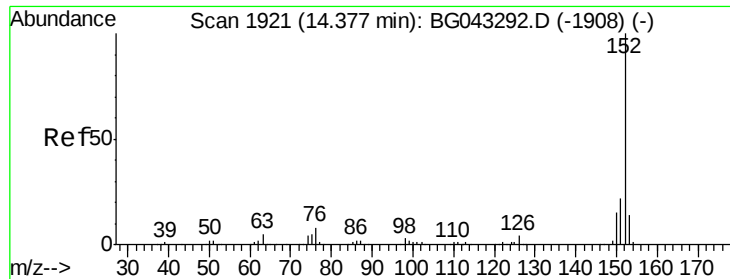
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.614 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

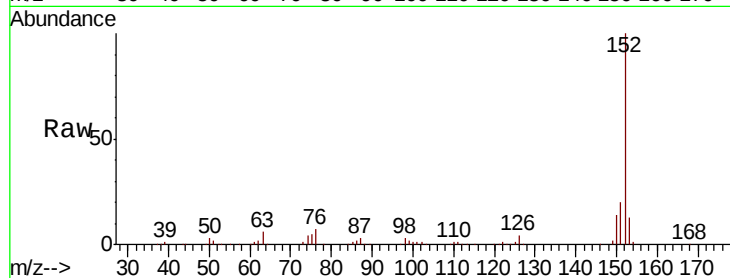
Tot Ion:152 Resp: 323297

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4

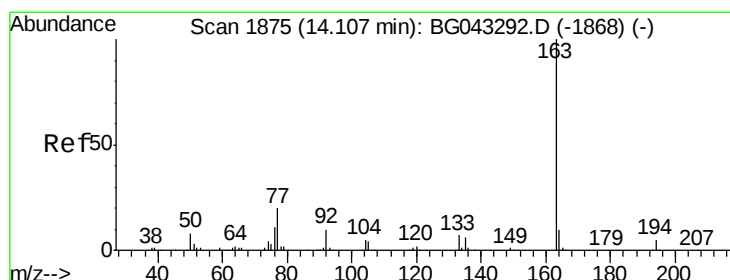
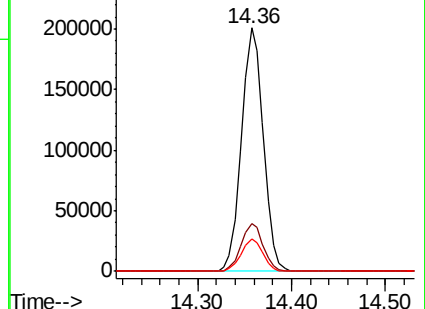
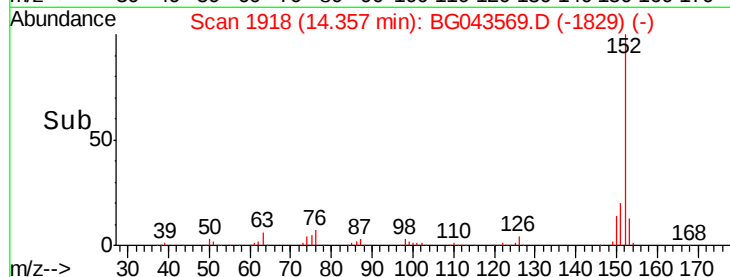
153 13.1 10.6 15.8



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: 35.885 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

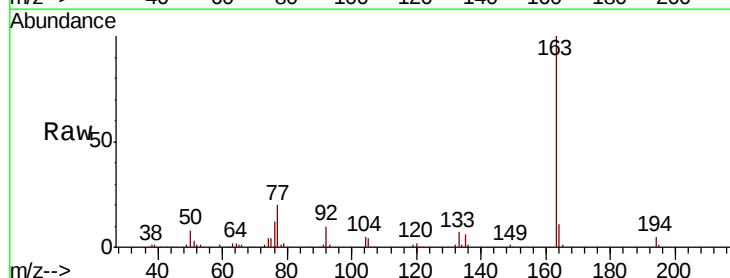
Tgt Ion:163 Resp: 258325

Ion Ratio Lower Upper

163 100

194 5.4 3.8 5.6

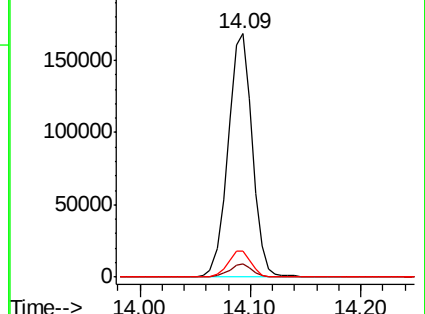
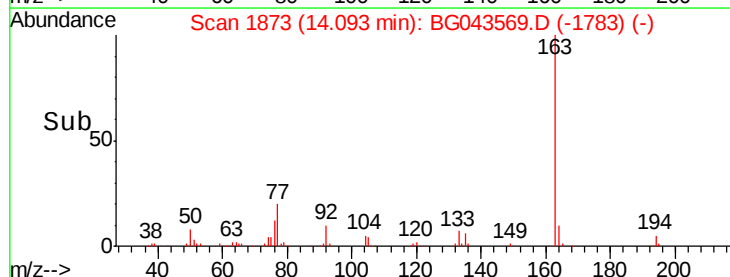
164 10.6 8.9 13.3

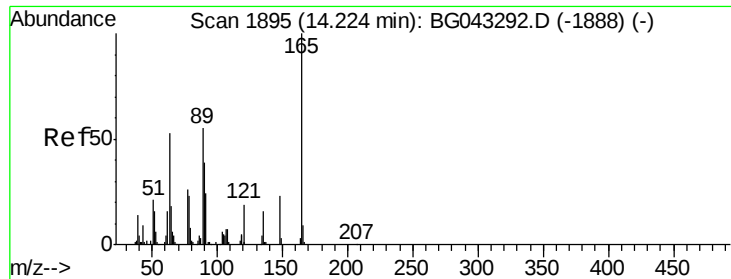


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

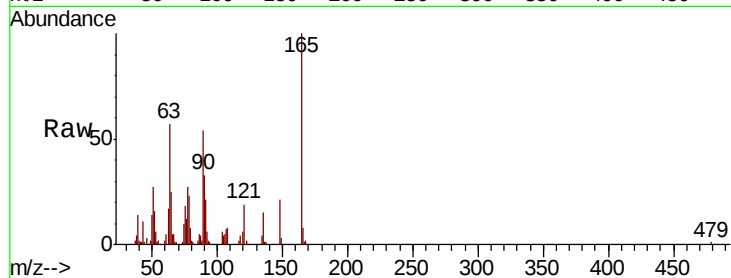




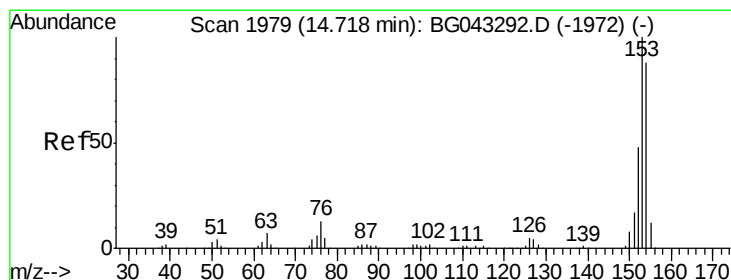
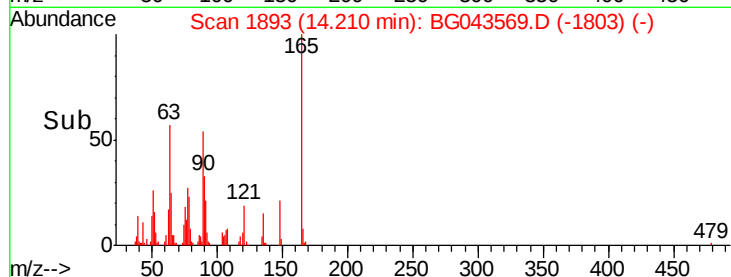
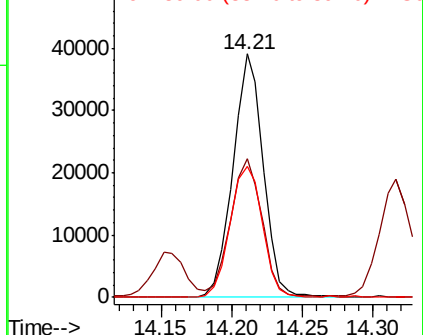
#51
2,6-Dinitrotoluene
Concen: 37.207 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.00 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion:165 Resp: 58189
Ion Ratio Lower Upper
165 100
63 57.0 46.6 69.8
89 54.0 45.1 67.7

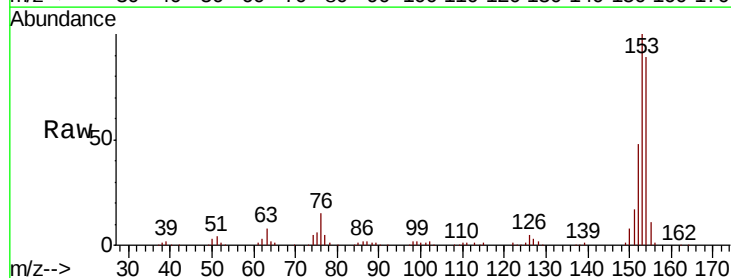


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

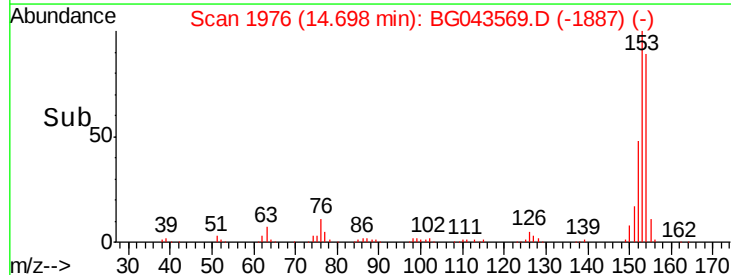
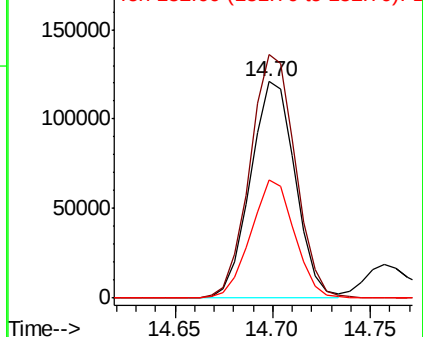


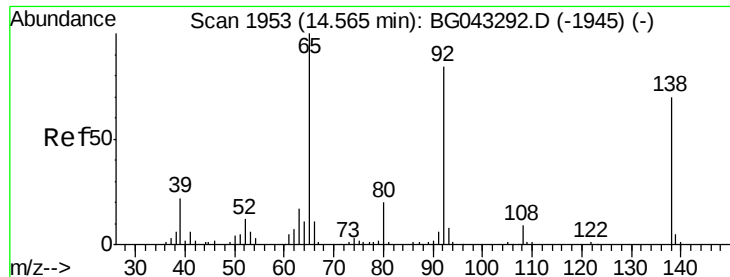
#52
Acenaphthene
Concen: 37.700 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Tgt Ion:154 Resp: 192492
Ion Ratio Lower Upper
154 100
153 112.4 88.2 132.2
152 54.3 40.0 60.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.726 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

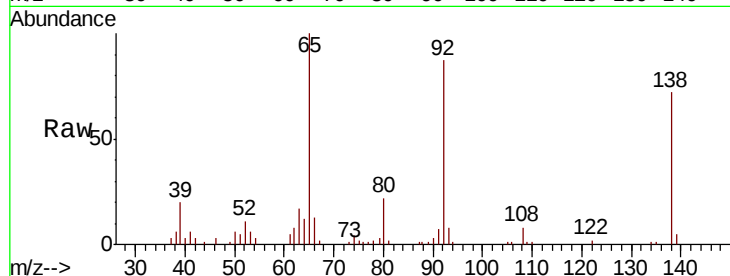
Tot Ion:138 Resp: 43374

Ion Ratio Lower Upper

138 100

108 10.8 8.0 12.0

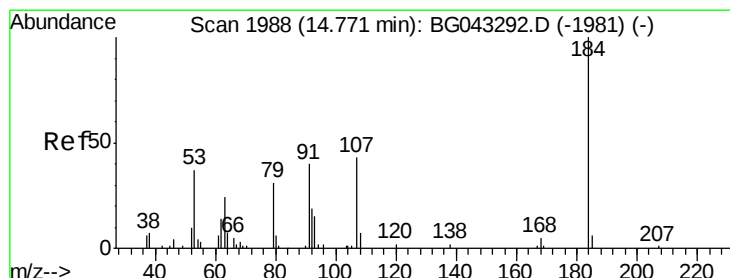
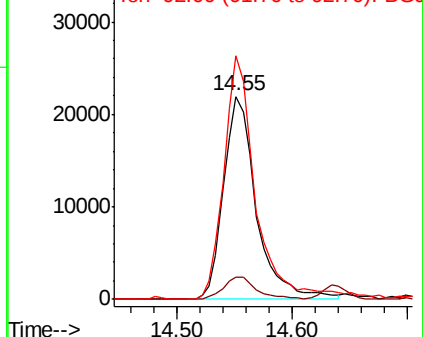
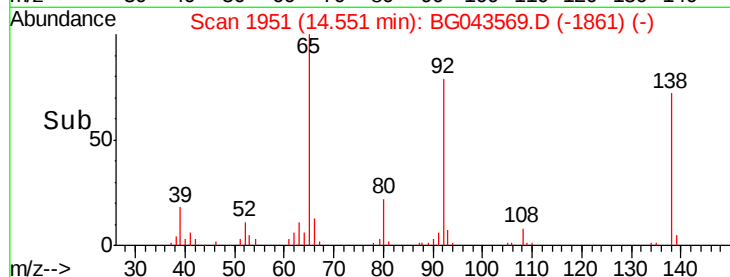
92 120.1 90.9 136.3



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: 59.945 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

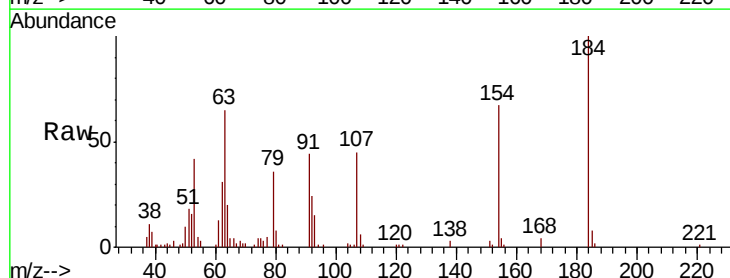
Tgt Ion:184 Resp: 56580

Ion Ratio Lower Upper

184 100

63 64.7 51.3 76.9

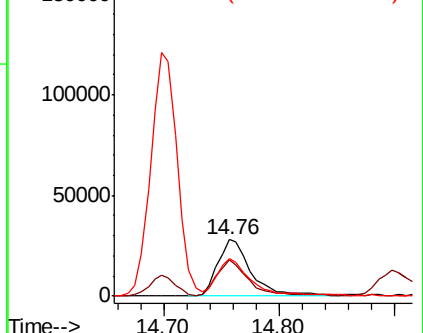
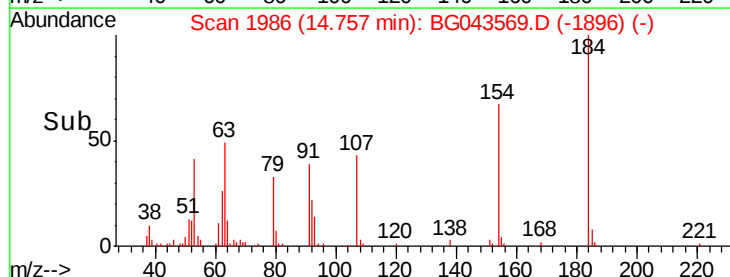
154 67.1 55.4 83.0

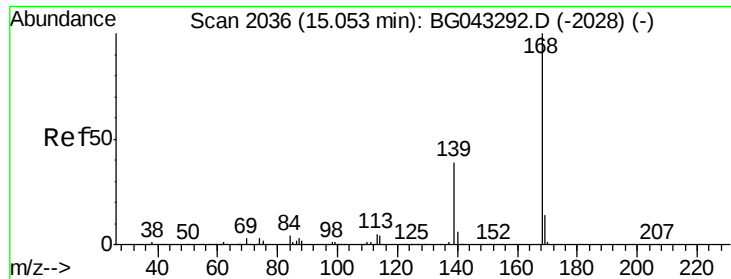


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 37.829 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

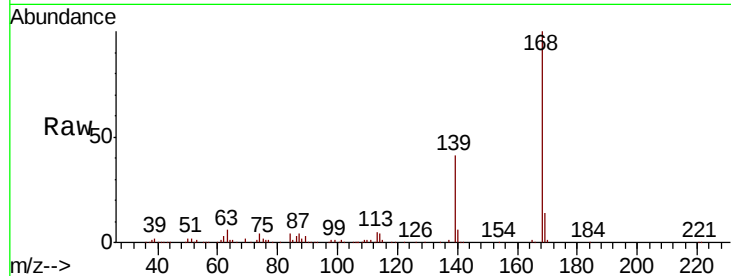
Tot Ion:168 Resp: 313226

Ion Ratio Lower Upper

168 100

139 40.6 31.0 46.6

169 13.8 11.7 17.5

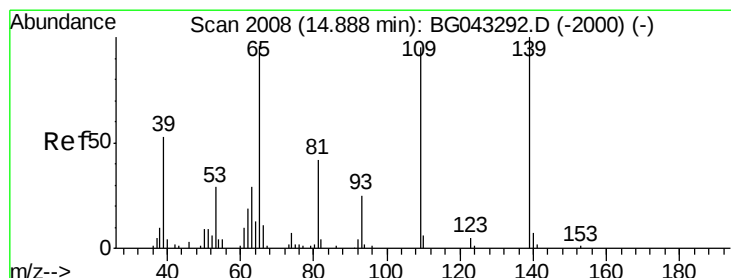
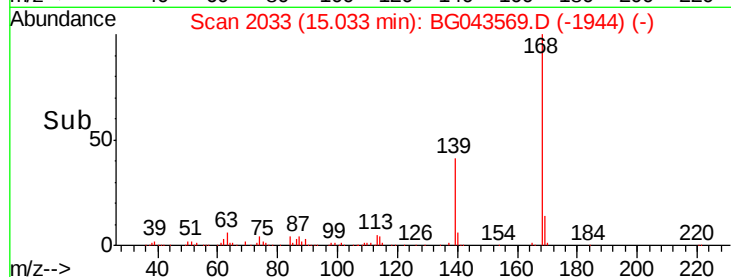
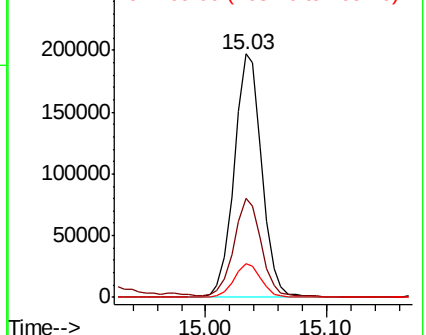


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 83.954 ng

RT: 14.90 min Scan# 2011

Delta R.T. 0.02 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

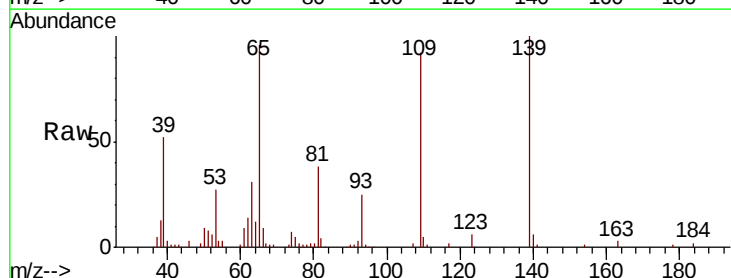
Tgt Ion:139 Resp: 84949

Ion Ratio Lower Upper

139 100

109 92.2 87.2 127.2

65 95.7 83.8 123.8

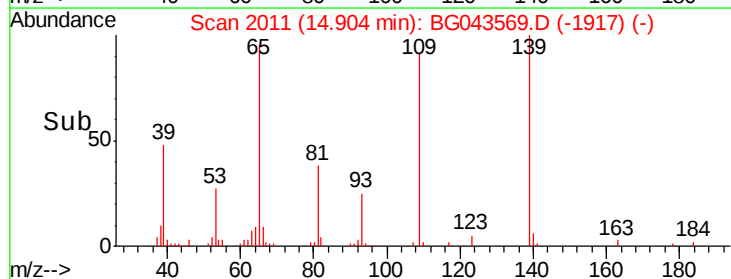
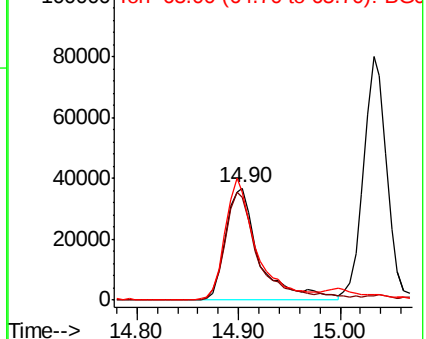


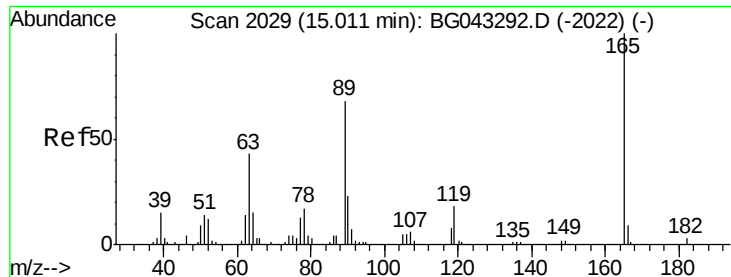
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

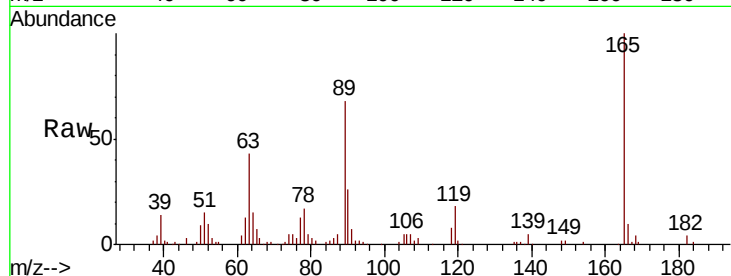




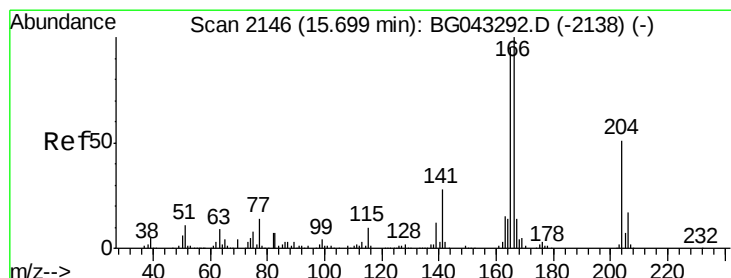
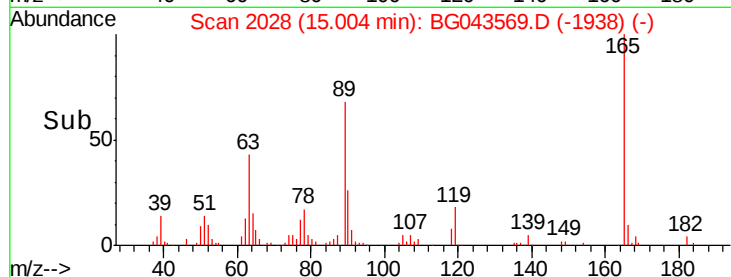
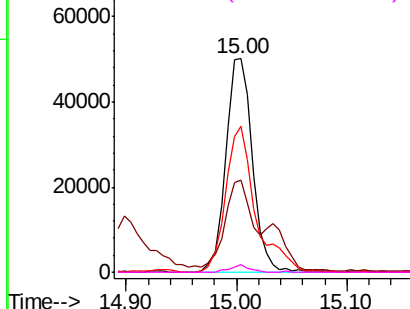
#57
2,4-Dinitrotoluene
Concen: 38.009 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion:165 Resp: 84950
Ion Ratio Lower Upper
165 100
63 42.9 33.2 49.8
89 68.1 52.2 78.4
182 3.6 2.0 3.0#

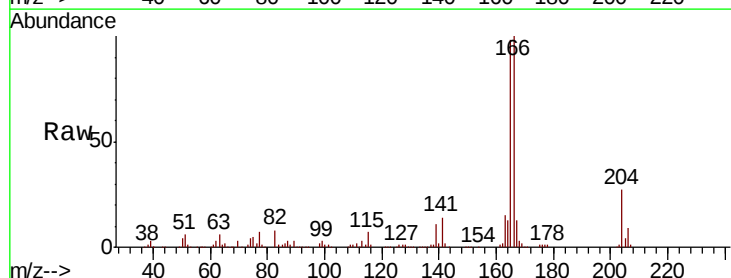


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

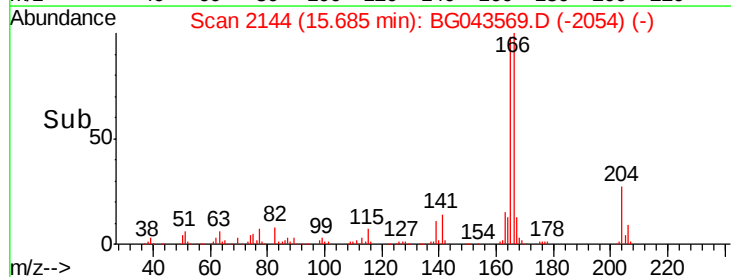
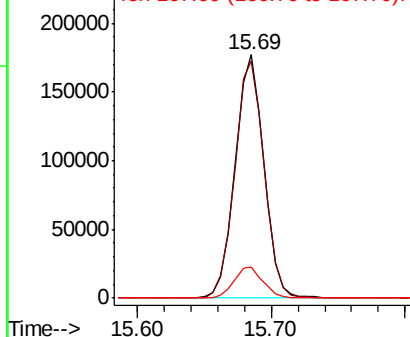


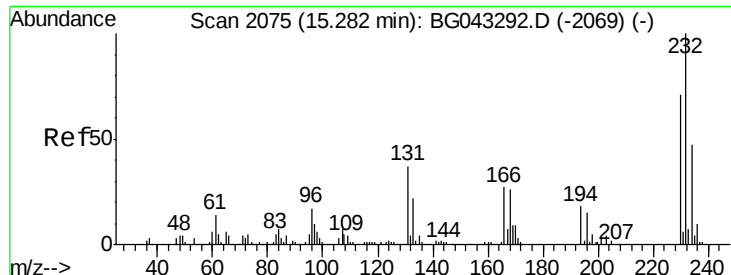
#58
Fluorene
Concen: 38.124 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Tgt Ion:166 Resp: 264752
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.6
167 13.0 10.5 15.7



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

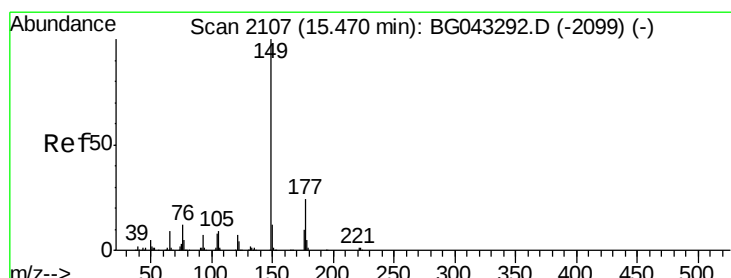
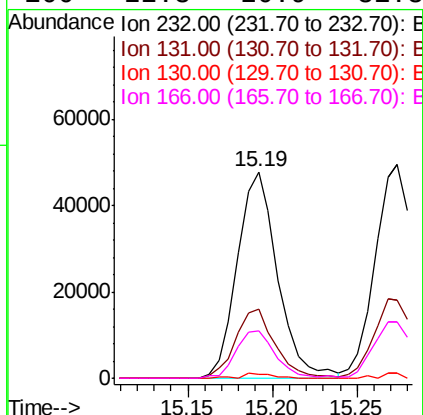
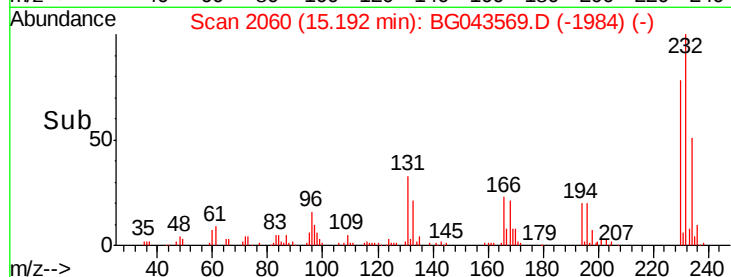
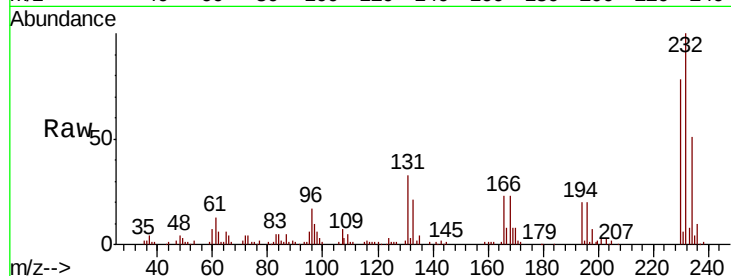




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.352 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. -0.08 min
 Lab File: BG043569.D
 Acq: 8 Nov 2019 14:49

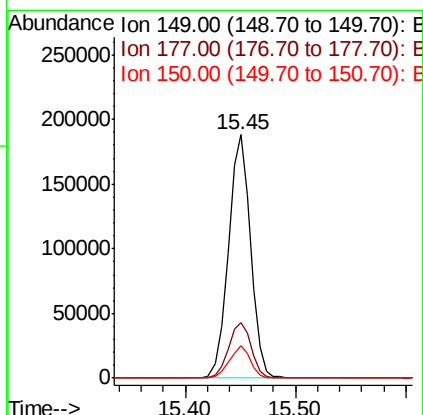
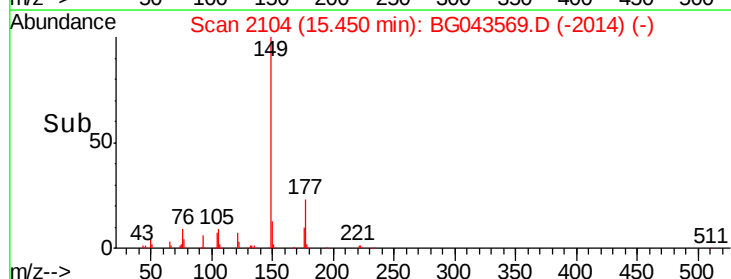
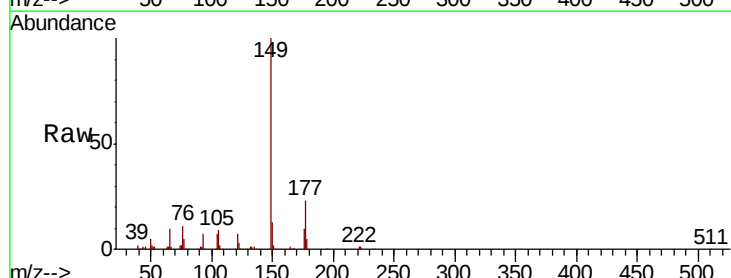
Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

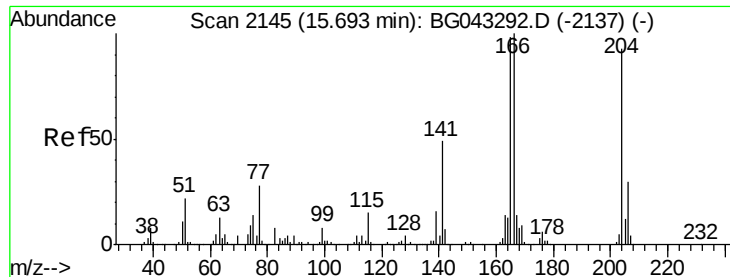
Tot Ion:232	Resp:	79091
Ion Ratio	Lower	Upper
232	100	
131	33.2	26.9 40.3
130	2.0	1.8 2.6
166	22.3	20.9 31.3



#60
 Diethylphthalate
 Concen: 36.356 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BG043569.D
 Acq: 8 Nov 2019 14:49

Tgt Ion:149	Resp:	262969
Ion Ratio	Lower	Upper
149	100	
177	22.7	19.6 29.4
150	13.2	10.8 16.2

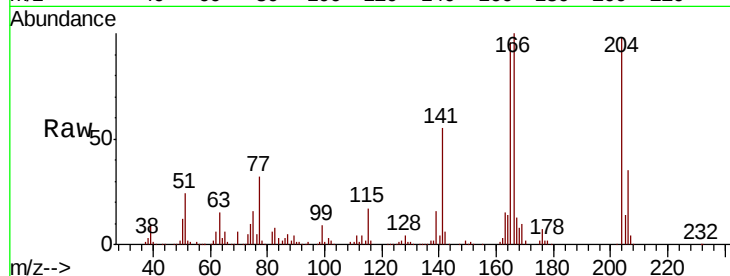




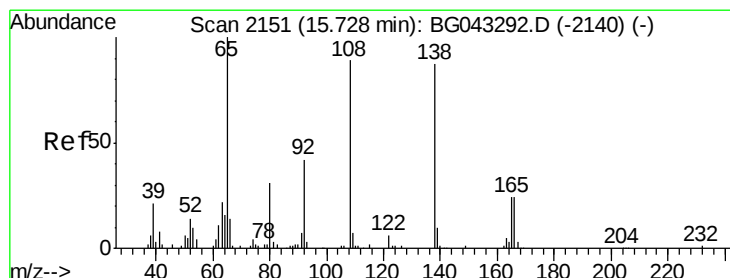
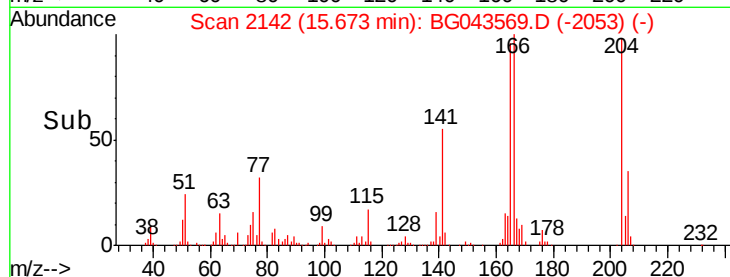
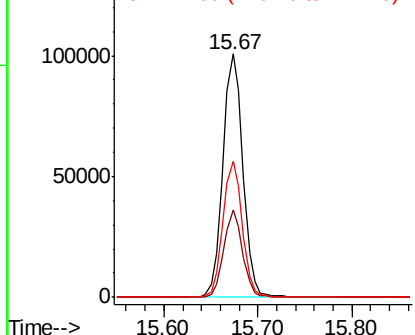
#61
4-Chlorophenyl-phenylether
Concen: 36.916 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion:204 Resp: 149555
Ion Ratio Lower Upper
204 100
206 36.1 28.4 42.6
141 56.0 43.0 64.6

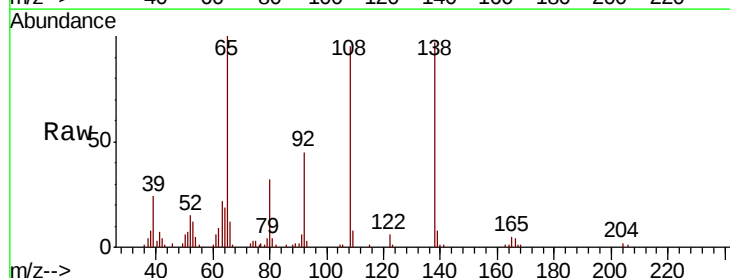


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

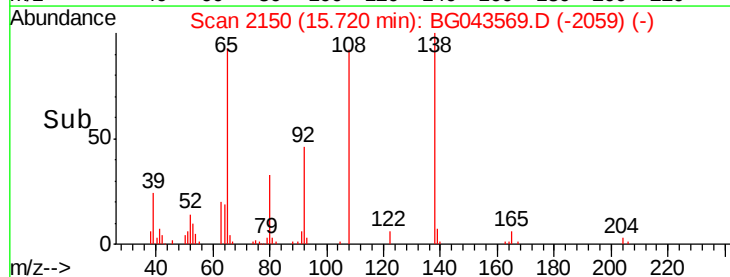
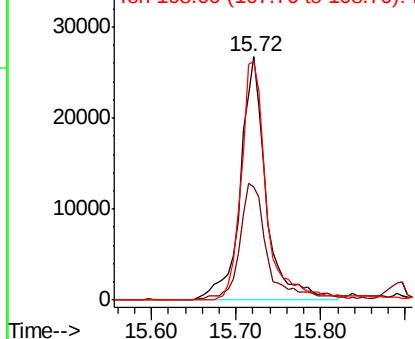


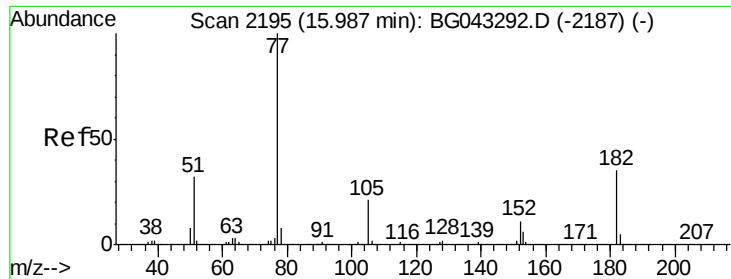
#62
4-Nitroaniline
Concen: 36.030 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Tgt Ion:138 Resp: 56185
Ion Ratio Lower Upper
138 100
92 46.3 33.4 73.4
108 97.9 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

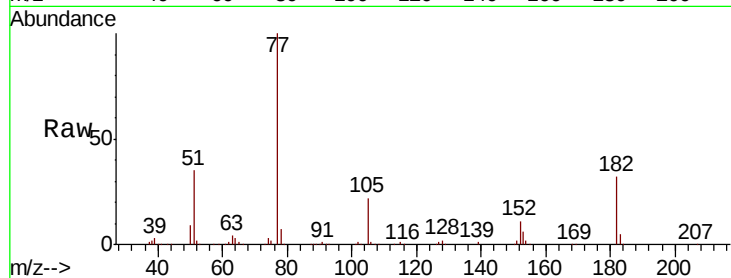




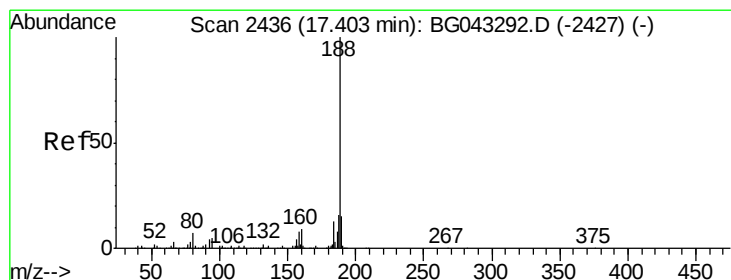
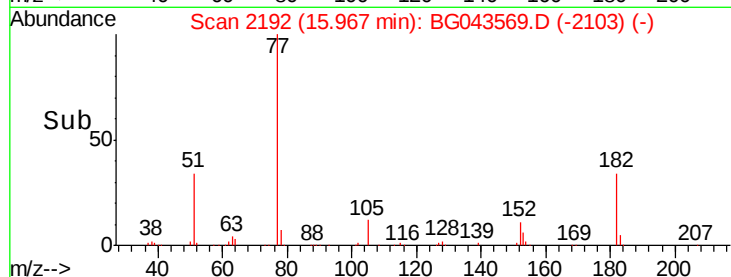
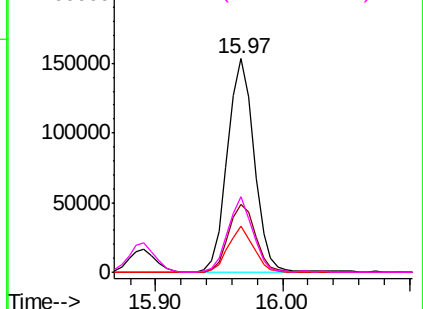
#63
Azobenzene
Concen: 37.941 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion: 77 Resp: 222106
Ion Ratio Lower Upper
77 100
182 31.6 13.7 53.7
105 21.8 0.4 40.4
51 35.2 11.0 51.0

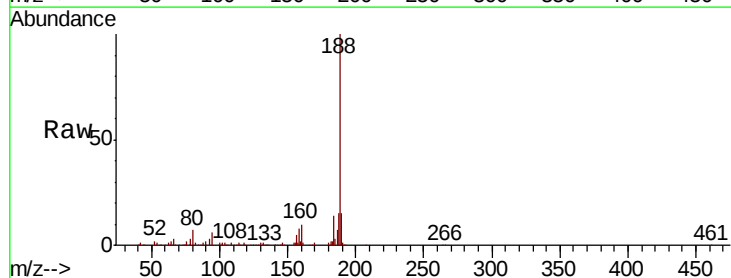


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

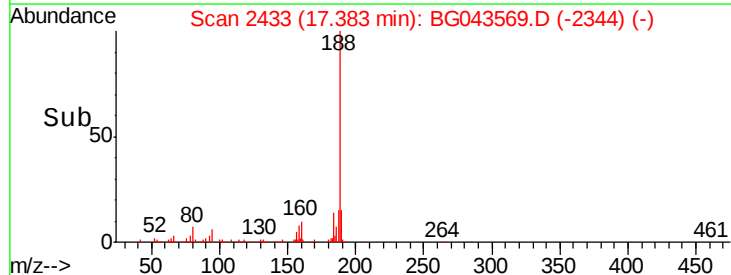
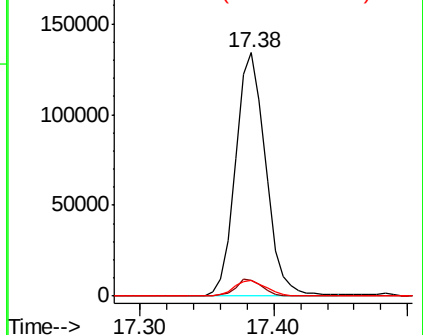


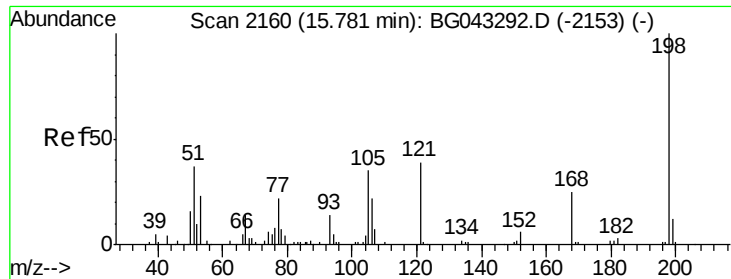
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Tgt Ion: 188 Resp: 210448
Ion Ratio Lower Upper
188 100
94 6.3 4.2 6.4
80 6.5 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

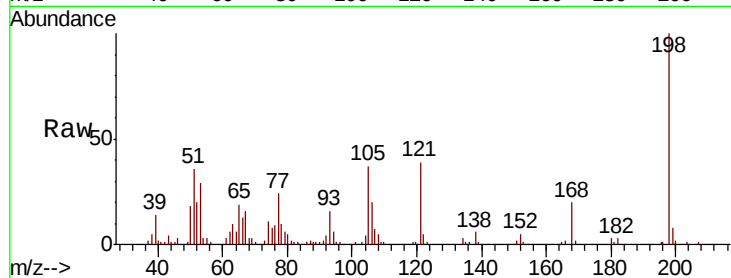




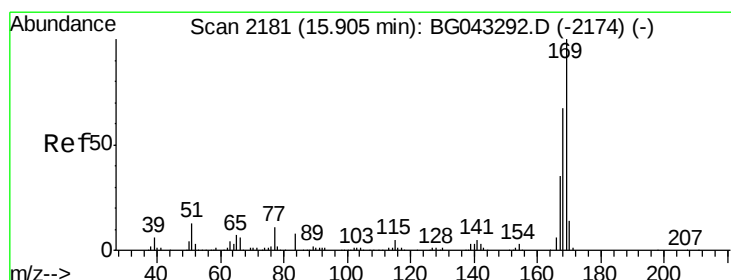
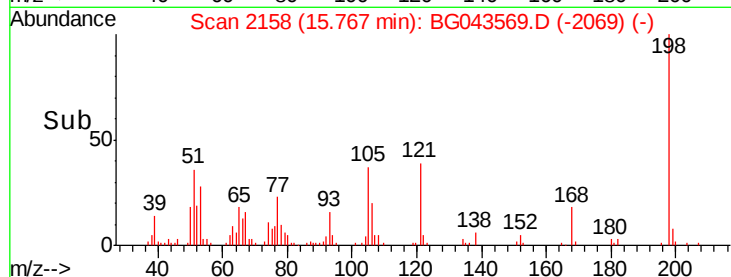
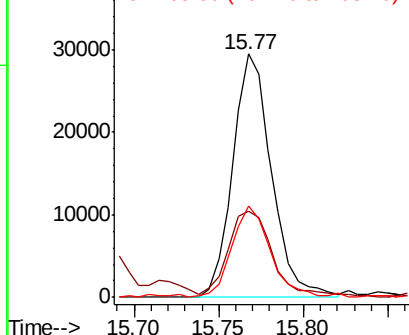
#65
4,6-Dinitro-2-methylphenol
Concen: 38.011 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion:198 Resp: 47076
Ion Ratio Lower Upper
198 100
51 35.6 13.2 53.2
105 37.4 15.8 55.8

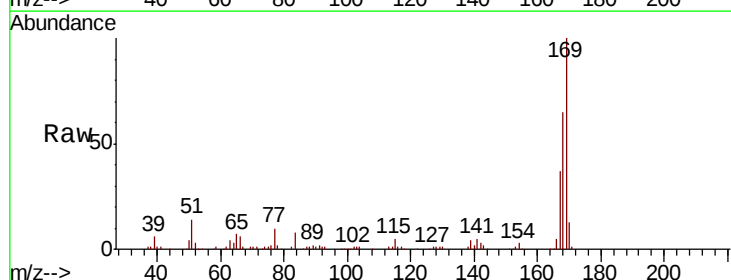


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

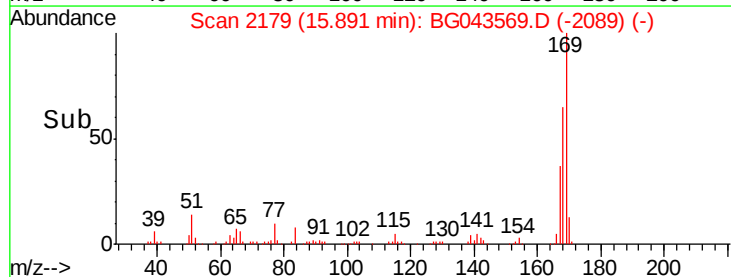
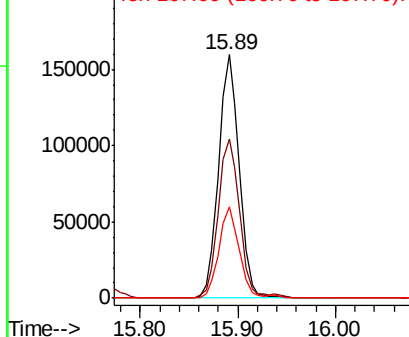


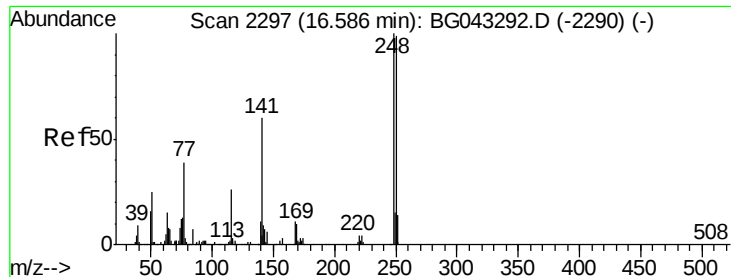
#66
n-Nitrosodiphenylamine
Concen: 39.330 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Tgt Ion:169 Resp: 233676
Ion Ratio Lower Upper
169 100
168 65.4 53.8 80.6
167 37.5 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

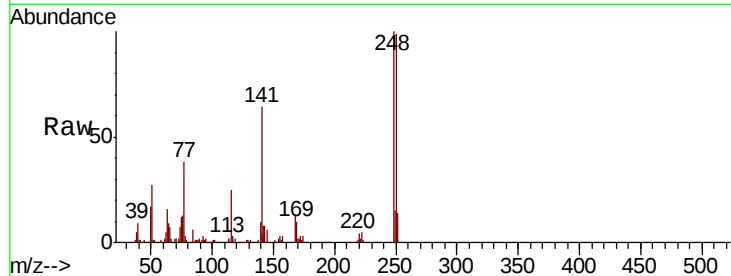




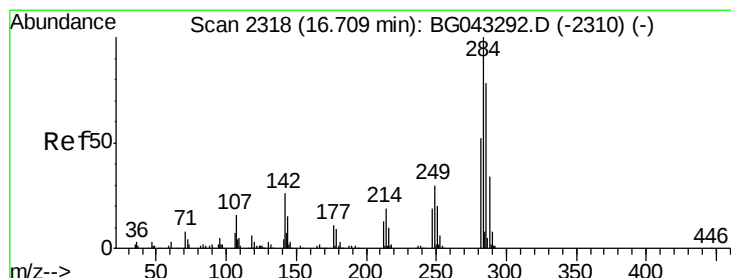
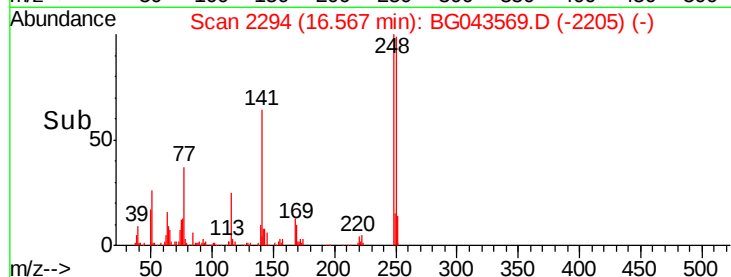
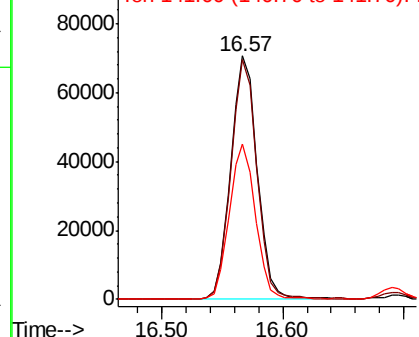
#67
4-Bromophenyl-phenylether
Concen: 38.020 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion:248 Resp: 107680
Ion Ratio Lower Upper
248 100
250 98.5 77.0 115.4
141 63.8 47.5 71.3

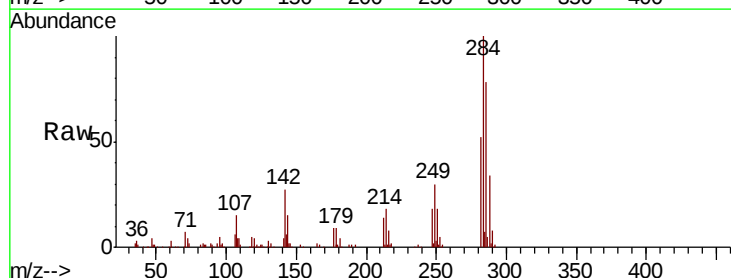


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

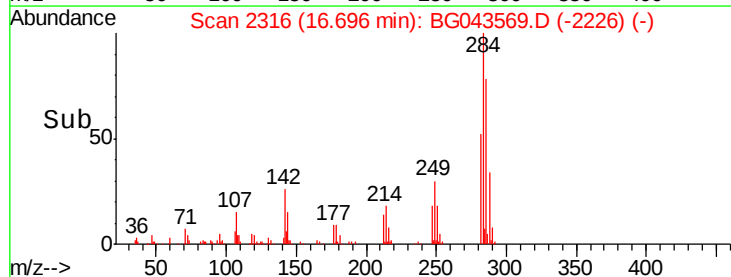
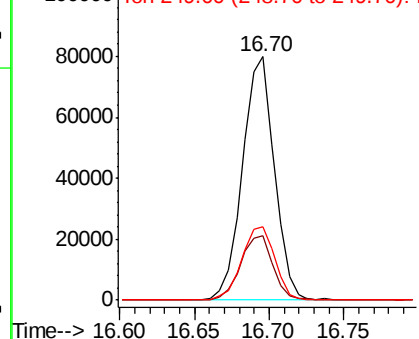


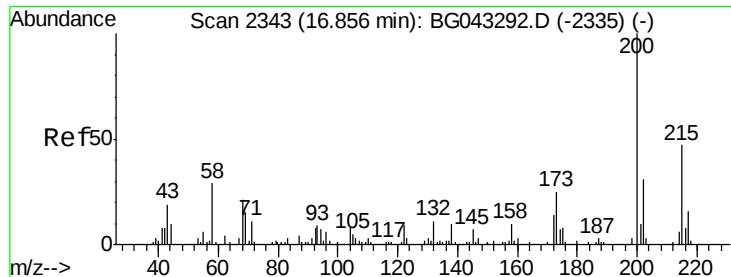
#68
Hexachlorobenzene
Concen: 36.360 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Tgt Ion:284 Resp: 118205
Ion Ratio Lower Upper
284 100
142 26.5 19.8 29.8
249 30.3 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

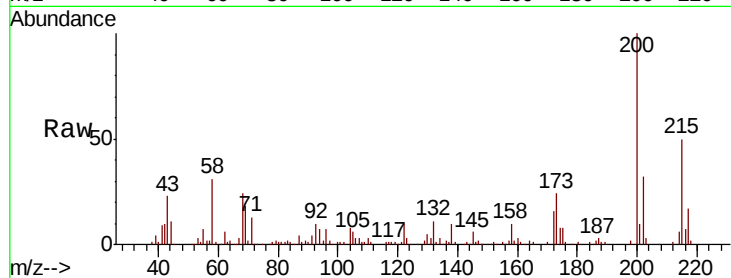




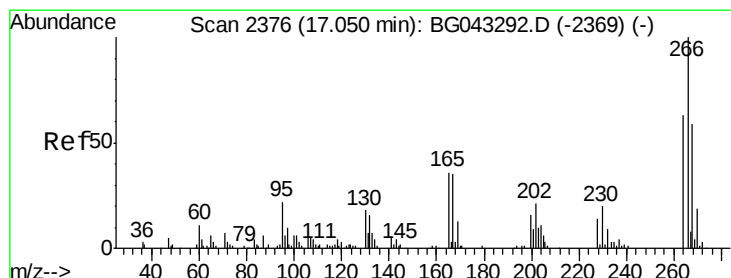
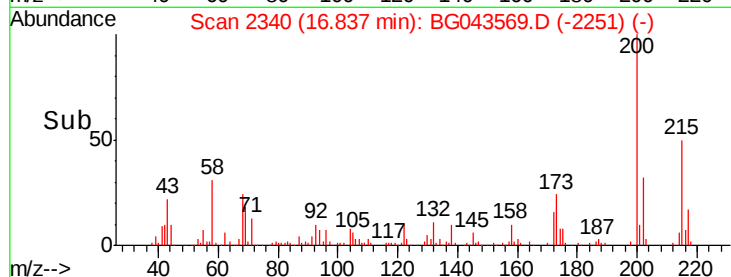
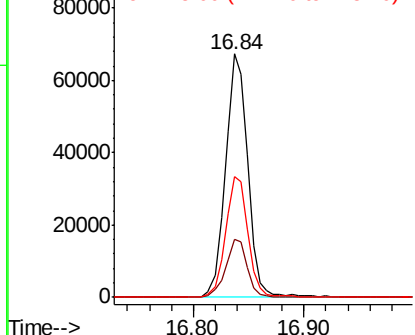
#69
 Atrazine
 Concen: 46.100 ng
 RT: 16.84 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG043569.D
 Acq: 8 Nov 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

Tot Ion:200 Resp: 95175
 Ion Ratio Lower Upper
 200 100
 173 23.7 4.7 44.7
 215 49.7 28.5 68.5

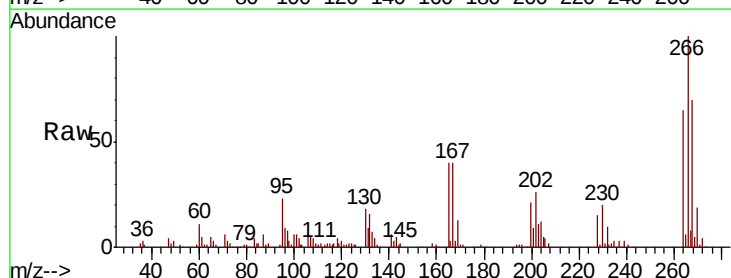


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

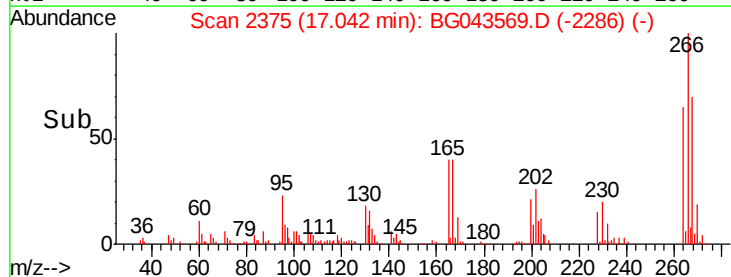
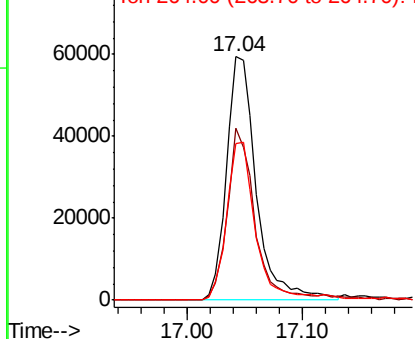


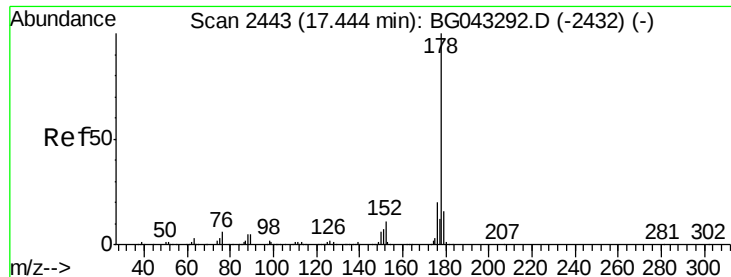
#70
 Pentachlorophenol
 Concen: 71.995 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BG043569.D
 Acq: 8 Nov 2019 14:49

Tgt Ion:266 Resp: 106649
 Ion Ratio Lower Upper
 266 100
 268 70.4 50.4 75.6
 264 64.6 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

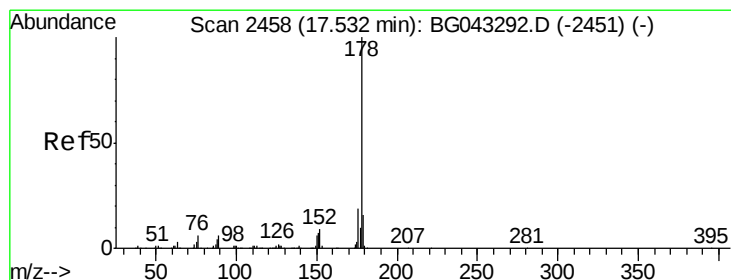
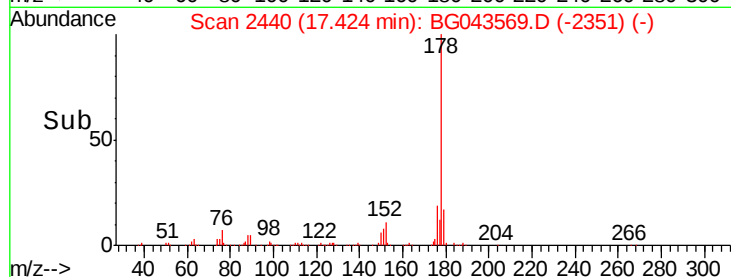
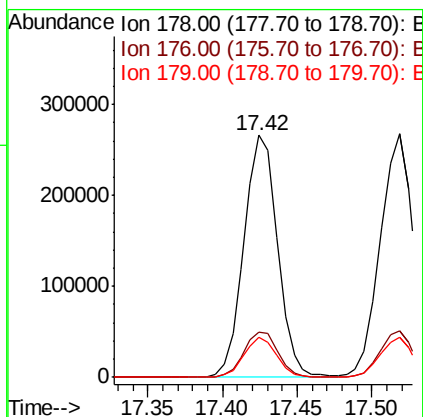
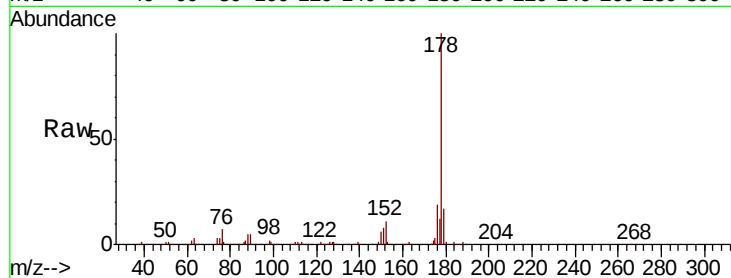




#71
Phenanthrene
Concen: 38.589 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

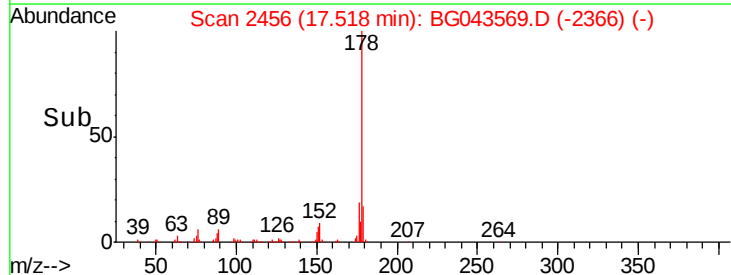
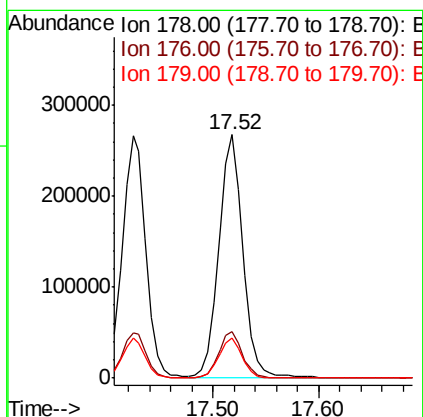
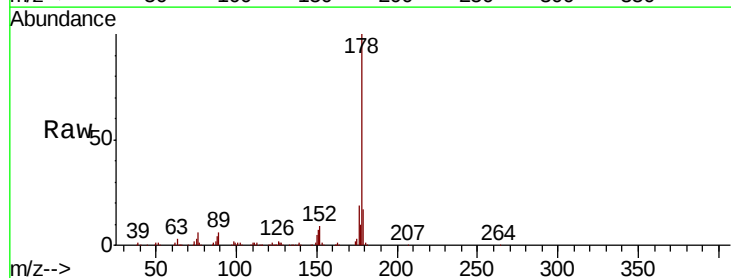
Instrument :
BNA_G
ClientSampleId :
PB124597BS

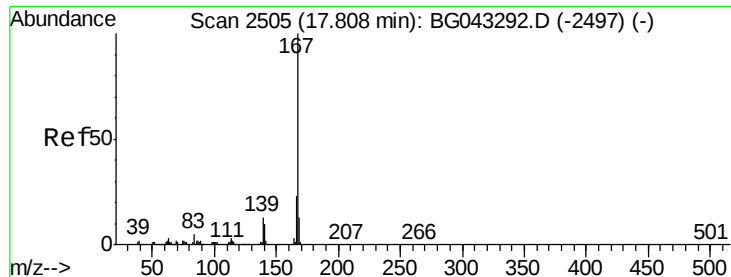
Tot Ion:178 Resp: 415860
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 16.6 13.0 19.6



#72
Anthracene
Concen: 39.318 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Tgt Ion:178 Resp: 423929
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 16.7 13.7 20.5





#73

Carbazole

Concen: 38.916 ng

RT: 17.79 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

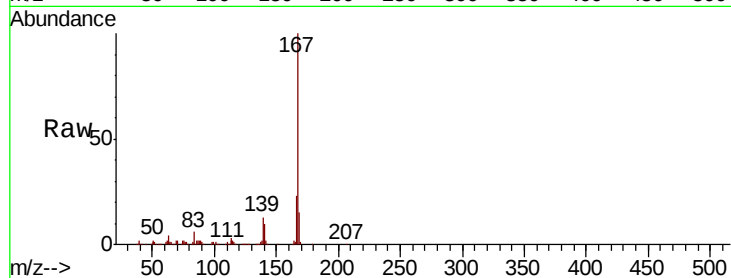
Tot Ion:167 Resp: 379979

Ion Ratio Lower Upper

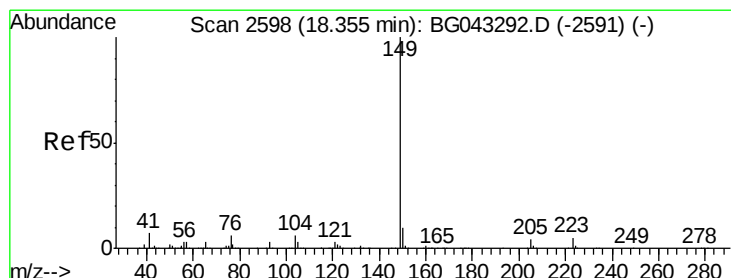
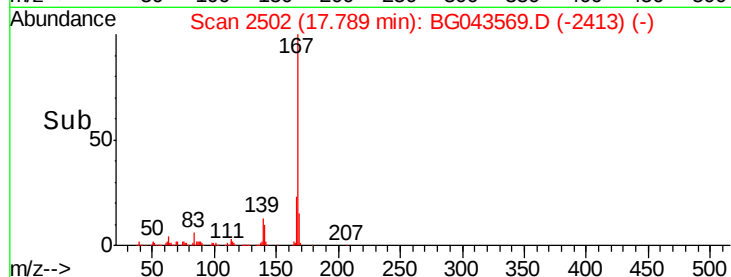
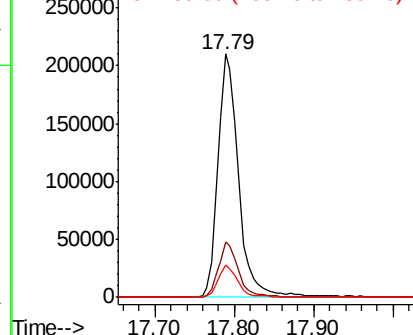
167 100

166 22.6 18.7 28.1

139 13.4 10.0 15.0



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



#74

Di-n-butylphthalate

Concen: 38.582 ng

RT: 18.34 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

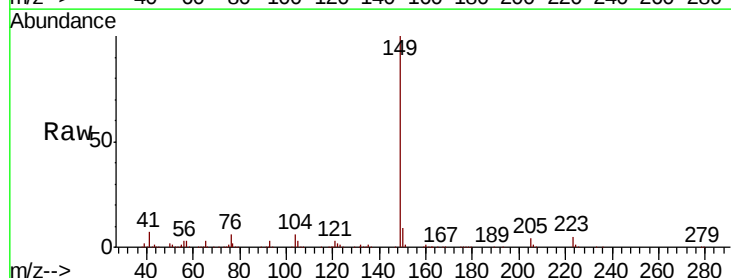
Tgt Ion:149 Resp: 457095

Ion Ratio Lower Upper

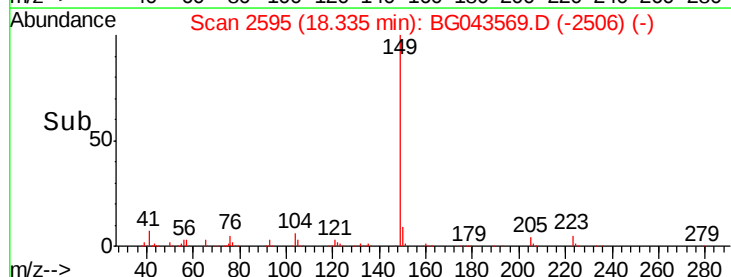
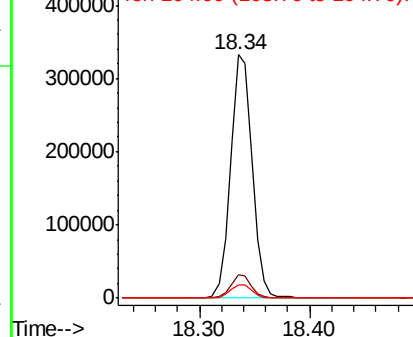
149 100

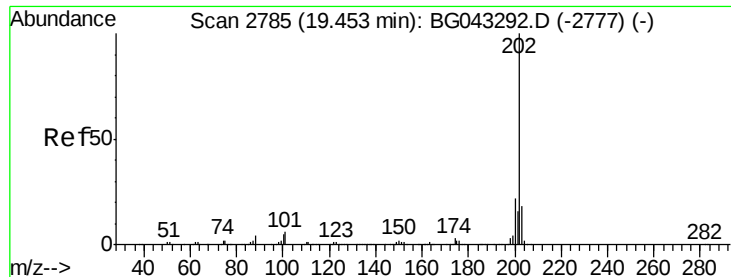
150 9.4 8.0 12.0

104 5.5 4.4 6.6



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





#75

Fluoranthene

Concen: 38.404 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

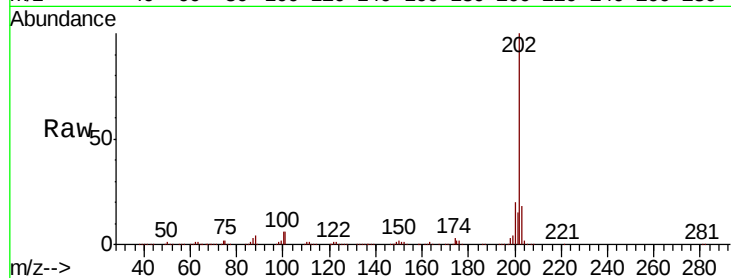
Tot Ion:202 Resp: 539552

Ion Ratio Lower Upper

202 100

101 6.4 0.0 26.3

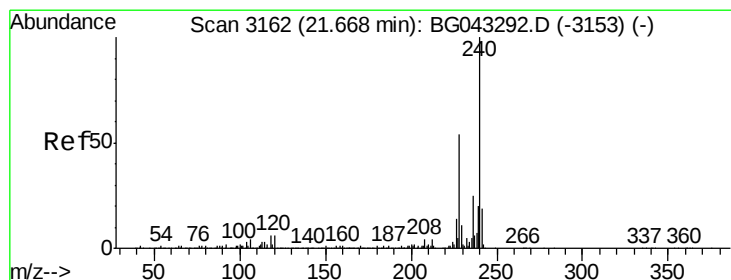
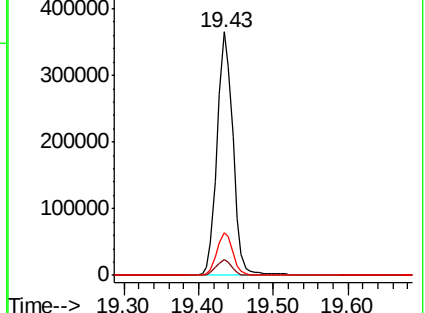
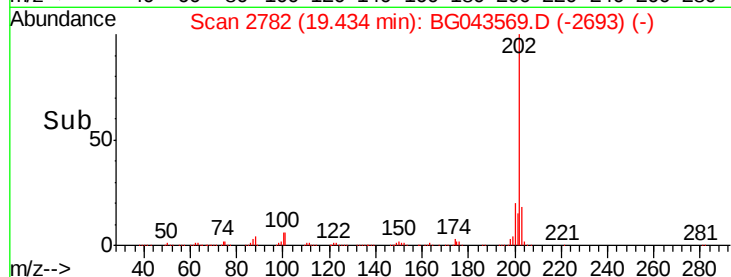
203 17.5 0.0 37.9



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: BG043569.D

Acq: 8 Nov 2019 14:49

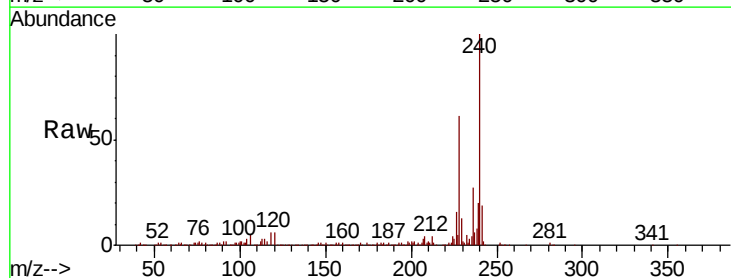
Tgt Ion:240 Resp: 221509

Ion Ratio Lower Upper

240 100

120 6.1 4.6 6.8

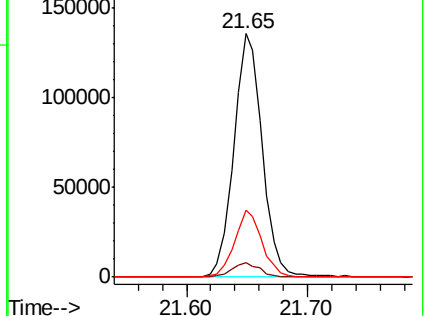
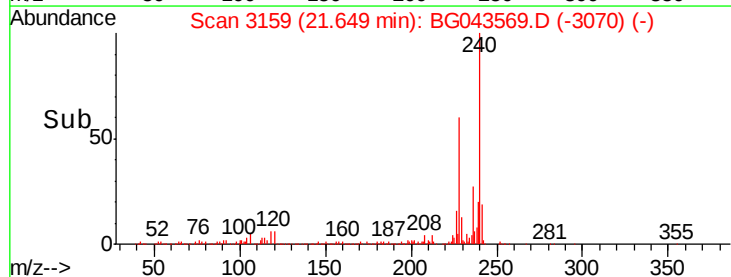
236 27.5 19.8 29.8

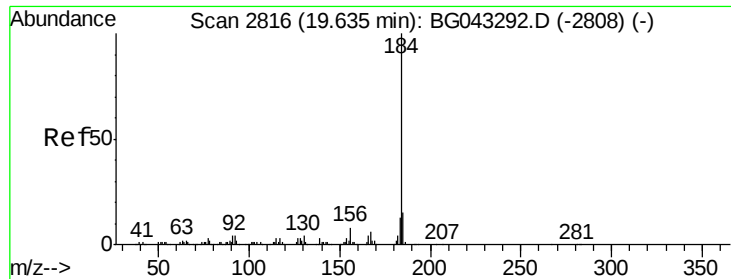


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

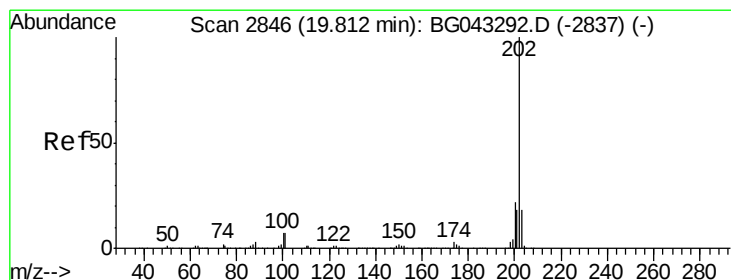
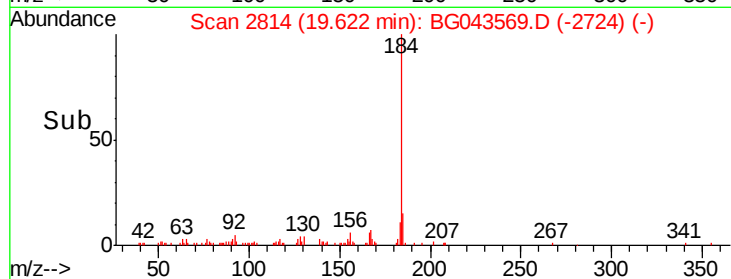
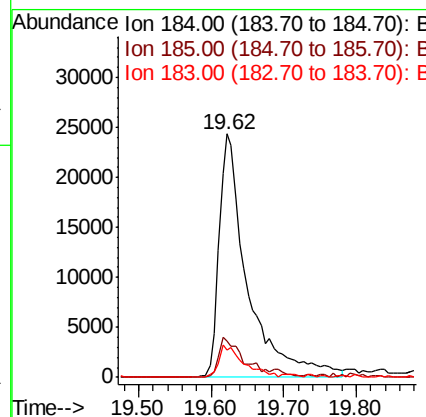
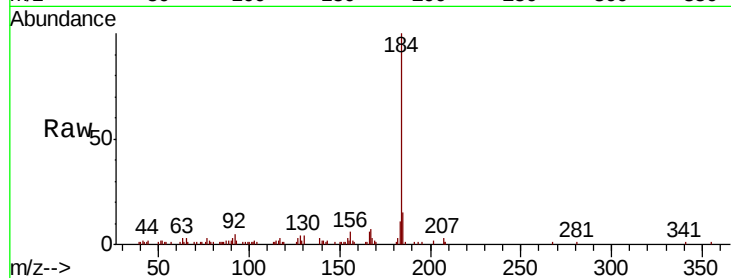




#77
Benzidine
Concen: 14.849 ng
RT: 19.62 min Scan# 2814
Delta R.T. -0.00 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

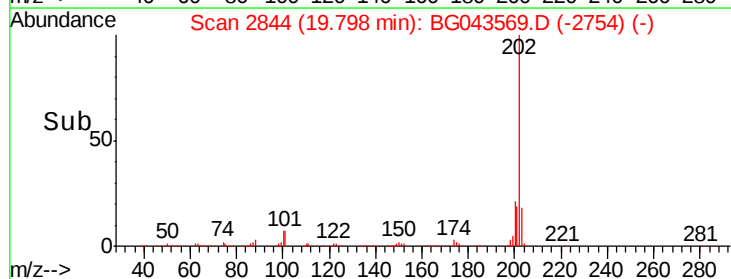
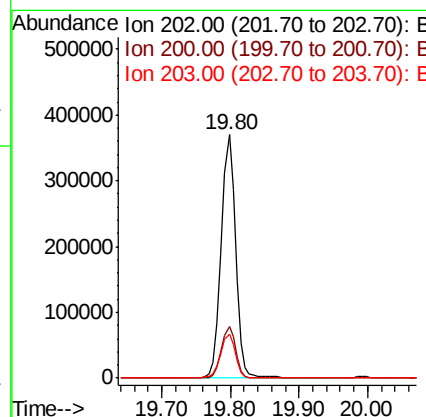
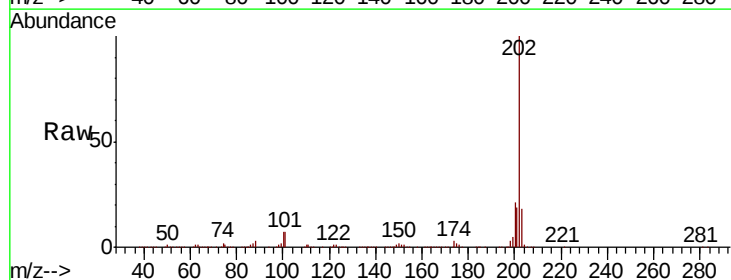
Instrument :
BNA_G
ClientSampleId :
PB124597BS

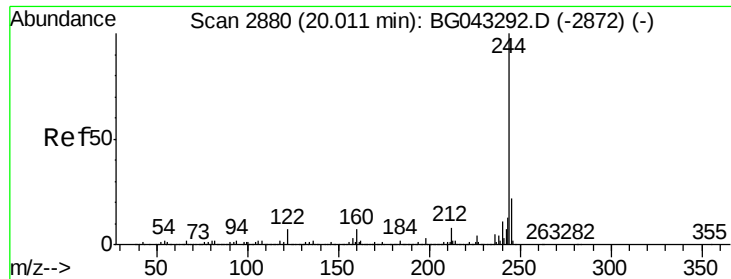
Tot Ion:184 Resp: 66198
Ion Ratio Lower Upper
184 100
185 15.1 11.0 16.4
183 11.2 10.0 15.0



#78
Pyrene
Concen: 39.238 ng
RT: 19.80 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Tgt Ion:202 Resp: 538004
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 18.1 14.7 22.1





#79

Terphenyl-d14

Concen: 61.021 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

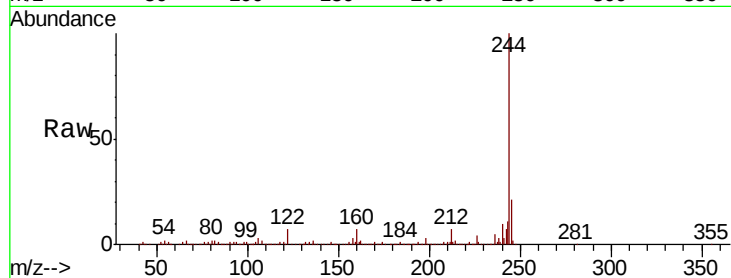
Tot Ion:244 Resp: 720490

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

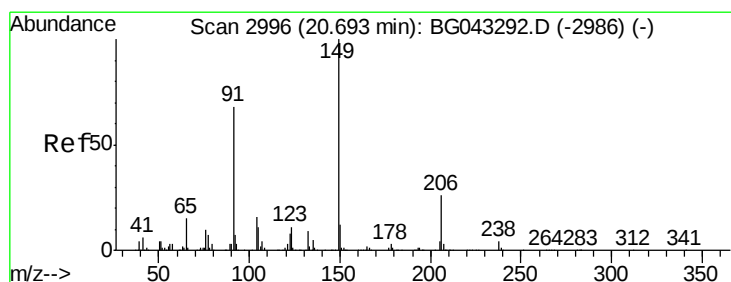
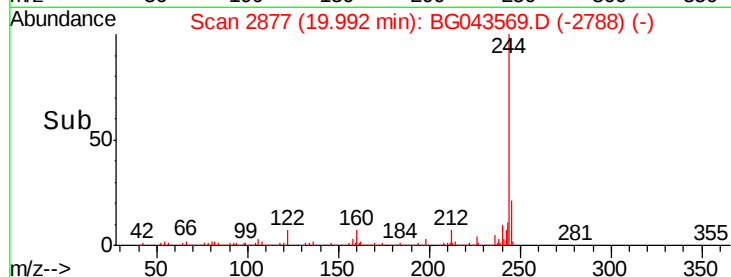
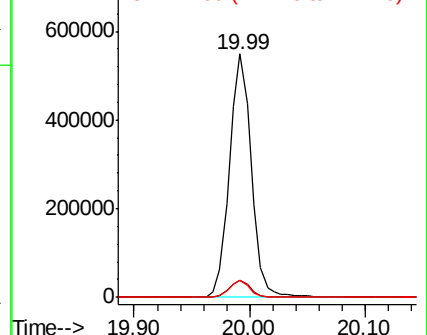
122 6.8 5.4 8.2



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: 38.828 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

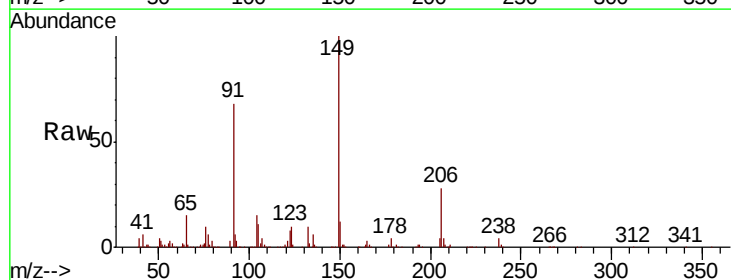
Tgt Ion:149 Resp: 201698

Ion Ratio Lower Upper

149 100

91 68.1 51.2 76.8

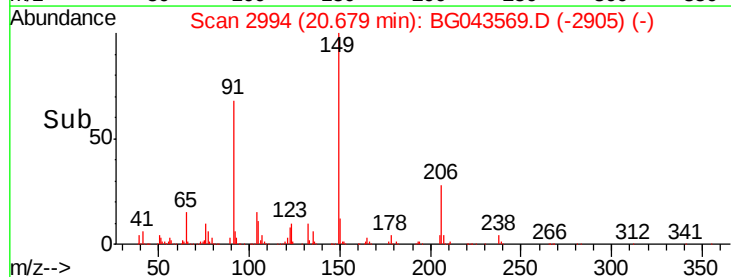
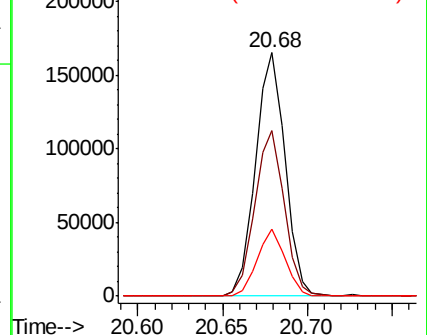
206 27.7 22.5 33.7

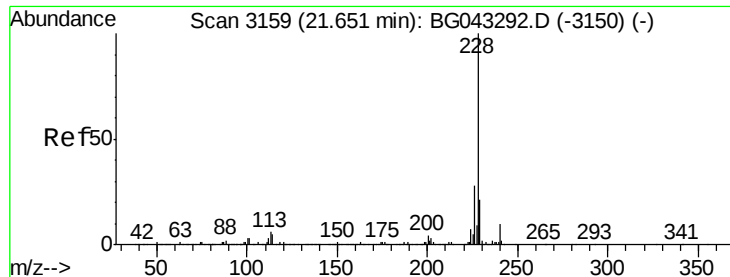


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.966 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

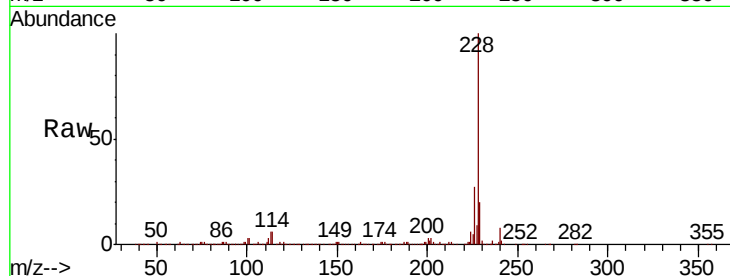
Tot Ion:228 Resp: 540665

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.2
229	20.1	17.0	25.4

228 100

226 27.1 22.2 33.2

229 20.1 17.0 25.4

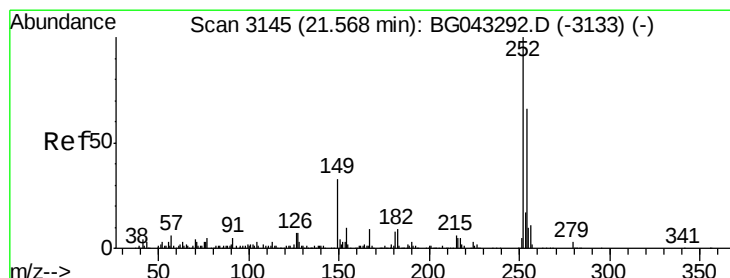
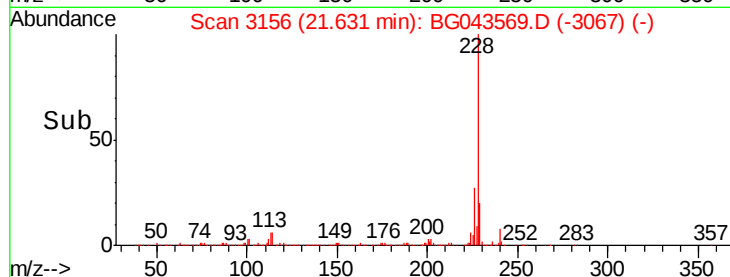
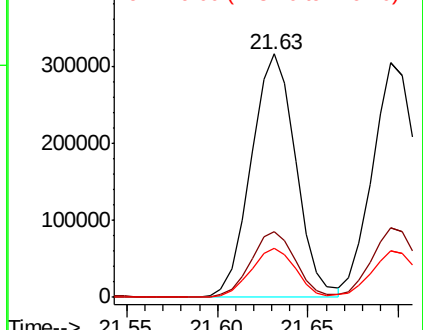


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 32.830 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

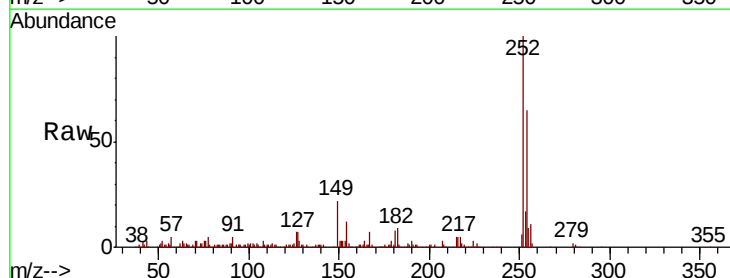
Tgt Ion:252 Resp: 176186

Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.8	76.2
126	6.8	6.1	9.1

252 100

254 64.6 50.8 76.2

126 6.8 6.1 9.1

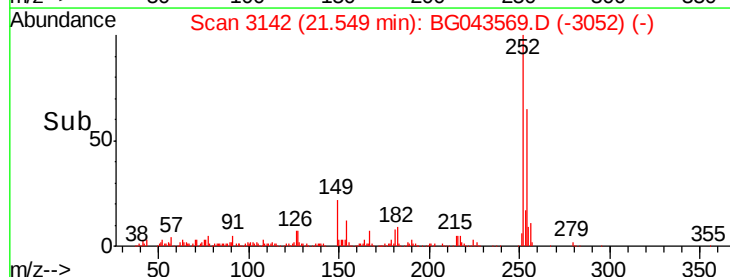
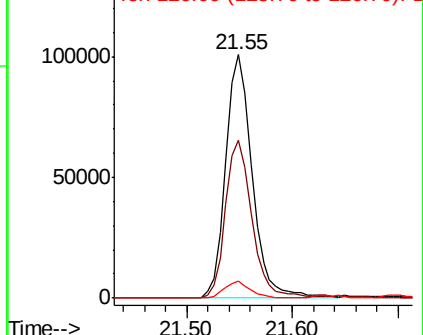


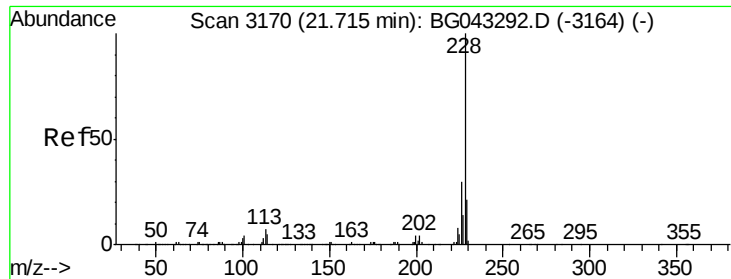
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 37.982 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

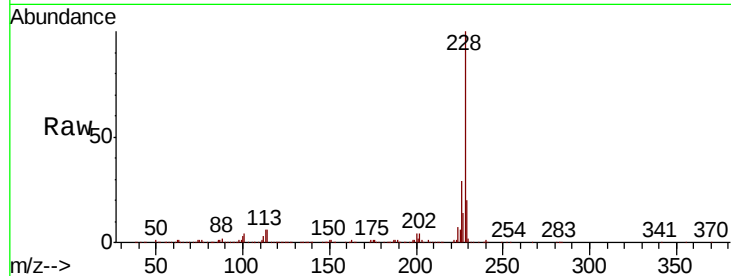
Tot Ion:228 Resp: 523616

Ion Ratio Lower Upper

228 100

226 29.5 25.1 37.7

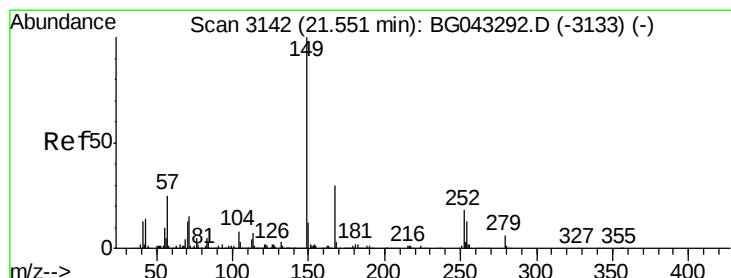
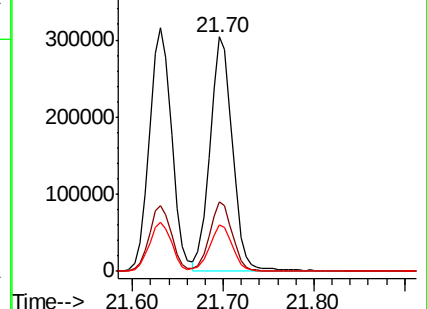
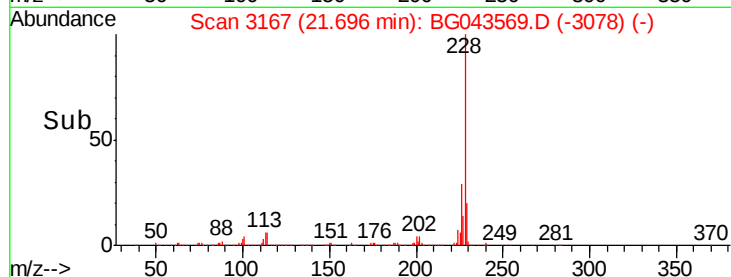
229 20.1 17.0 25.4



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: 38.754 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

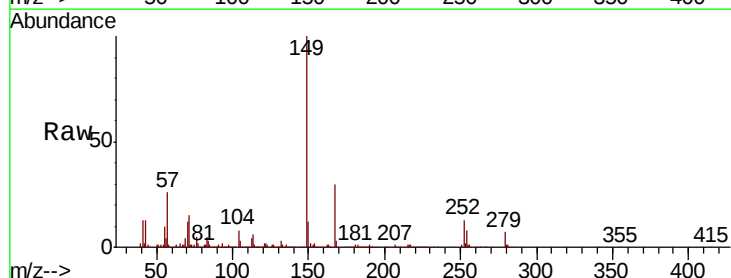
Tgt Ion:149 Resp: 285969

Ion Ratio Lower Upper

149 100

167 30.0 24.0 36.0

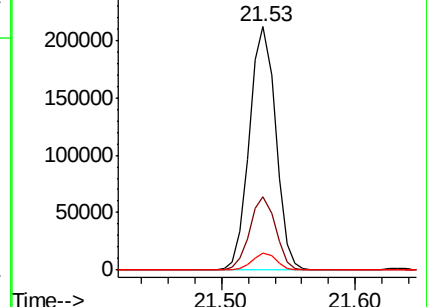
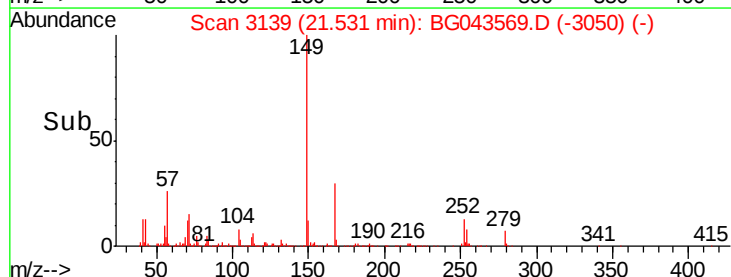
279 6.9 5.4 8.2

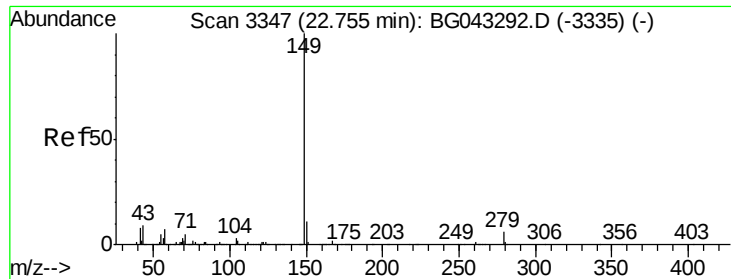


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

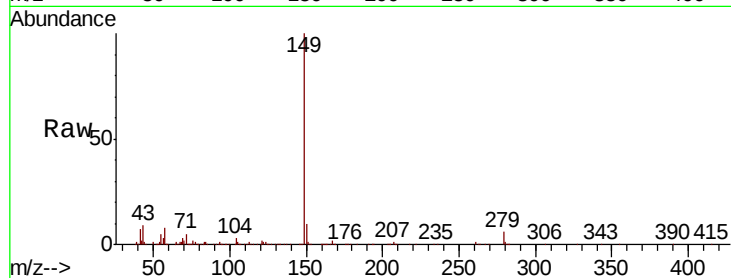




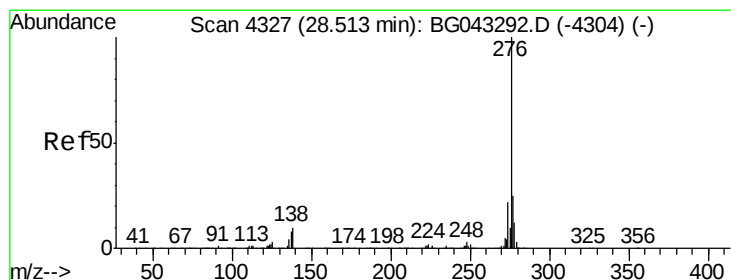
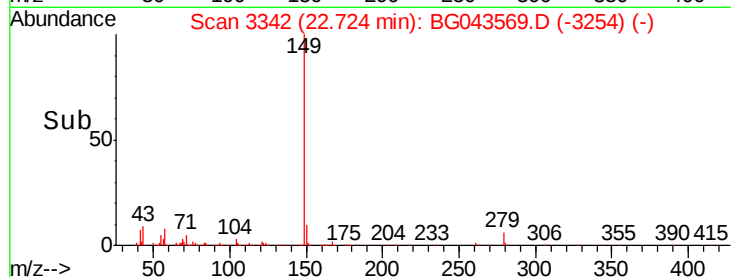
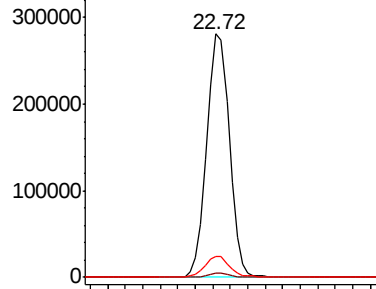
#85
Di-n-octyl phthalate
Concen: 39.334 ng
RT: 22.72 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PB124597BS

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

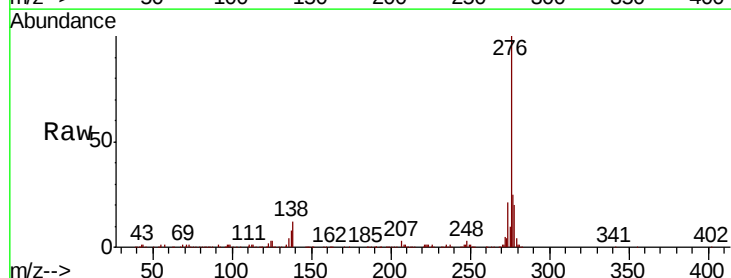


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

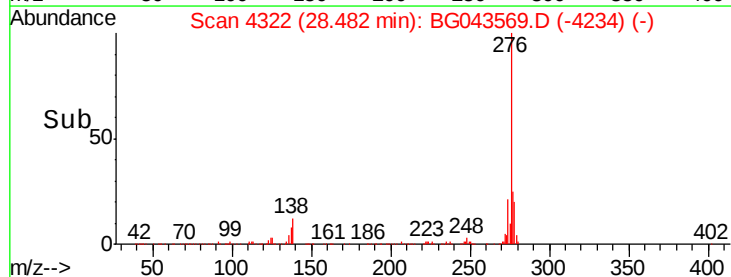
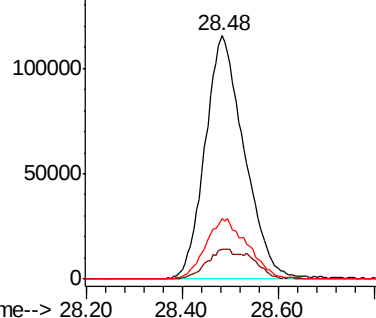


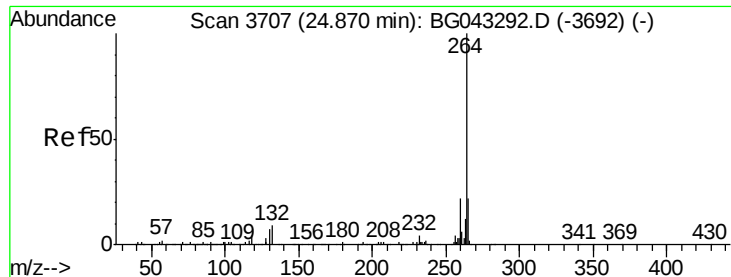
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.928 ng
RT: 28.48 min Scan# 4322
Delta R.T. -0.01 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.6	6.8	10.2#
277	26.5	20.9	31.3



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PB124597BS

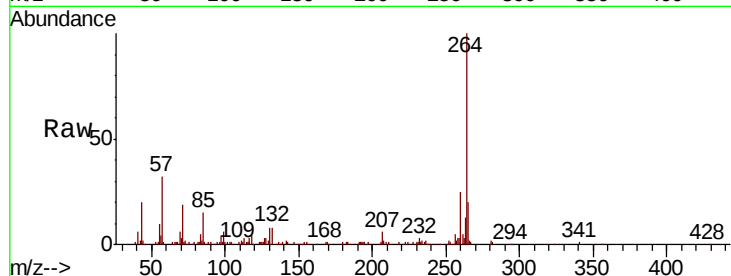
Tot Ion:264 Resp: 178732

Ion Ratio Lower Upper

264 100

260 24.8 17.5 26.3

265 20.3 17.4 26.0

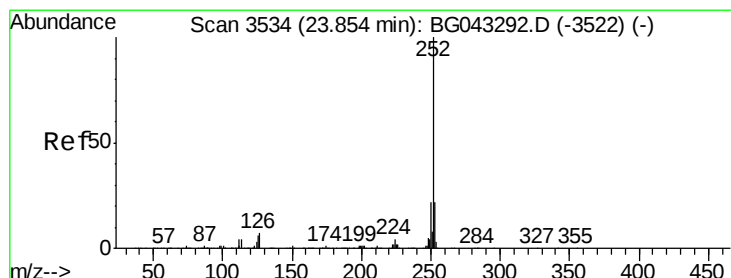
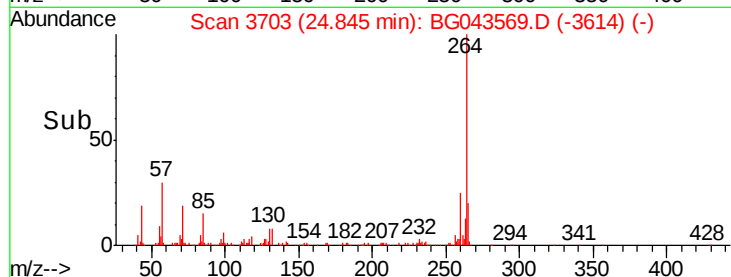
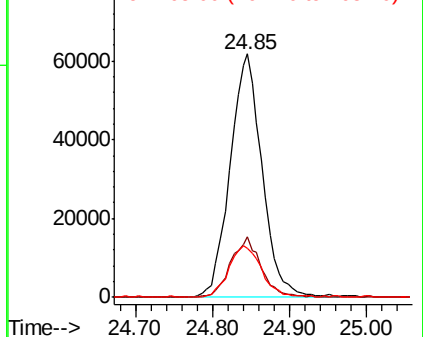


Abundance

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: 55.003 ng

RT: 23.83 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG043569.D

Acq: 8 Nov 2019 14:49

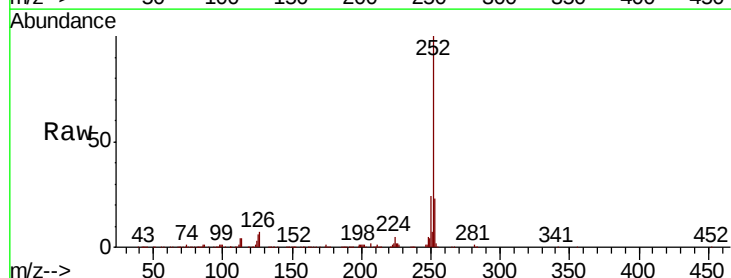
Tgt Ion:252 Resp: 556787

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 5.8 4.5 6.7

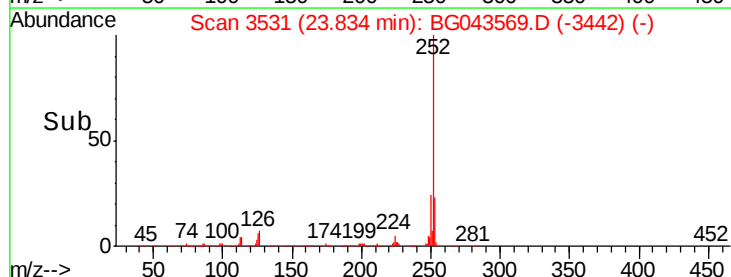
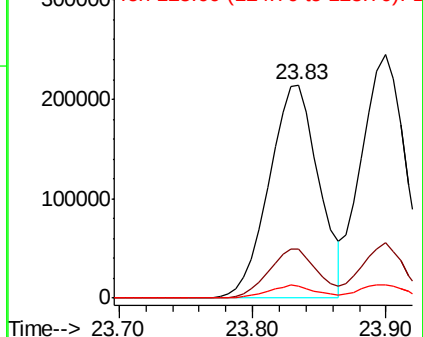


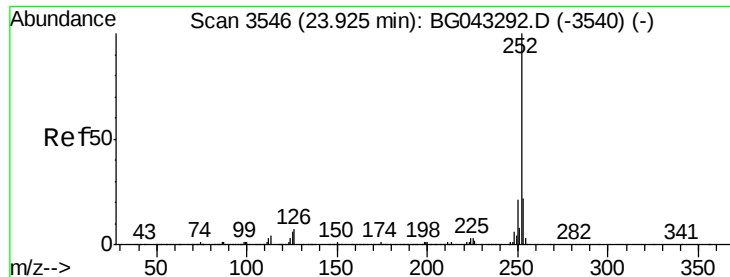
Abundance

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

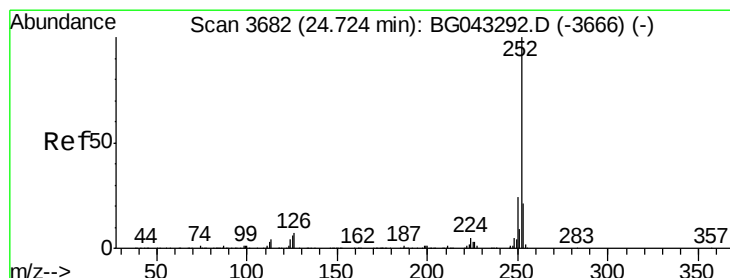
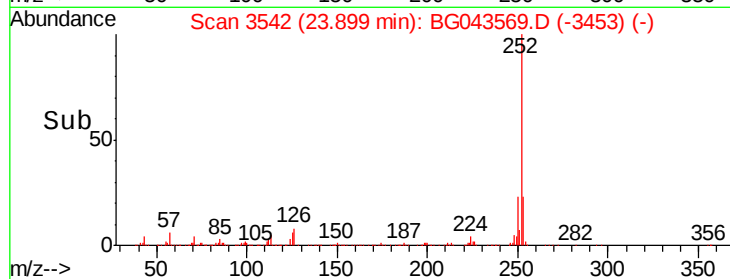
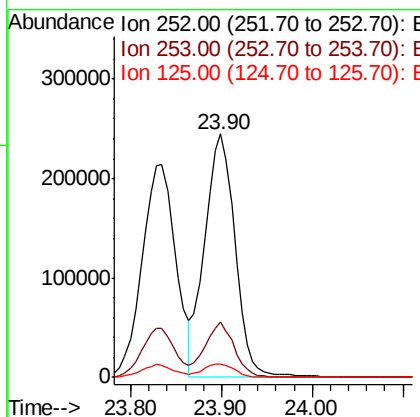
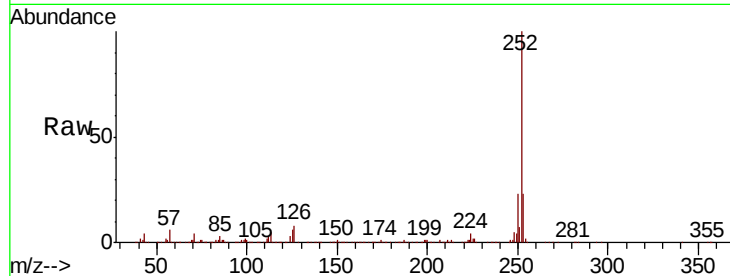




#89
Benzo(k)fluoranthene
Concen: 55.752 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

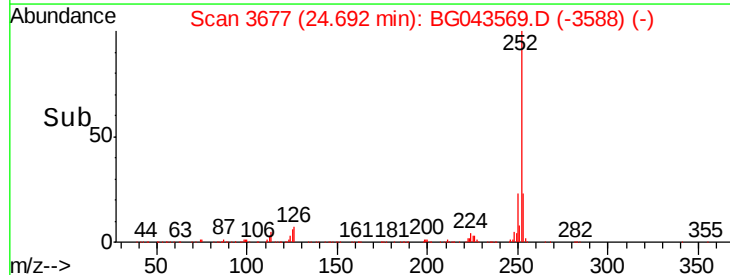
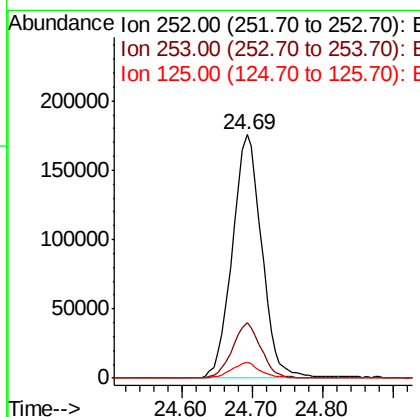
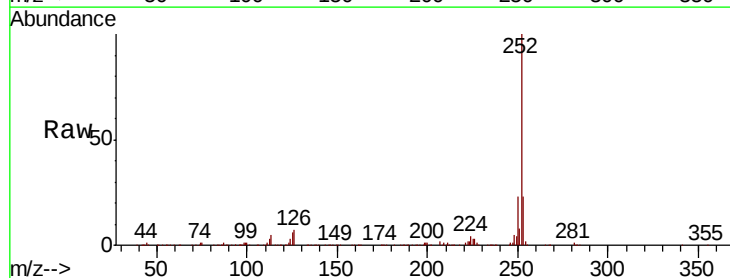
Instrument :
BNA_G
ClientSampleId :
PB124597BS

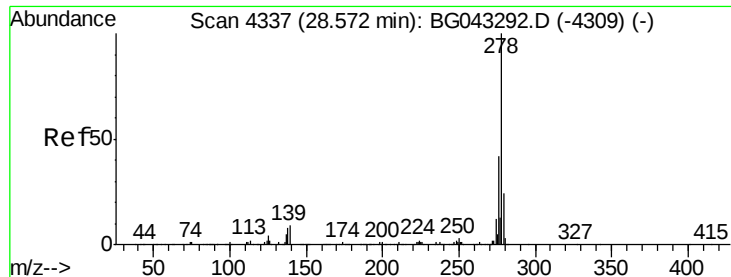
Tot Ion:252 Resp: 568148
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 5.6 4.6 6.8



#90
Benzo(a)pyrene
Concen: 52.664 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG043569.D
Acq: 8 Nov 2019 14:49

Tgt Ion:252 Resp: 509075
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 6.3 5.4 8.2

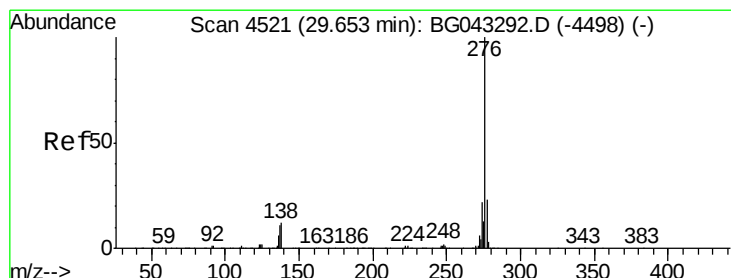
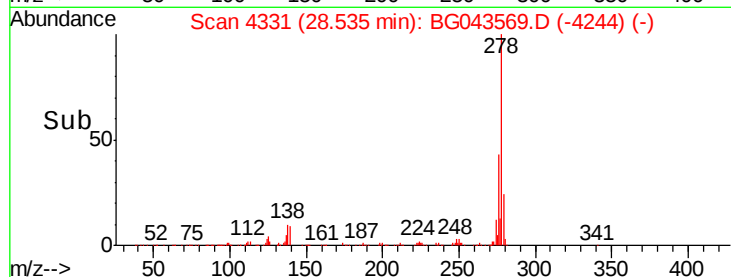
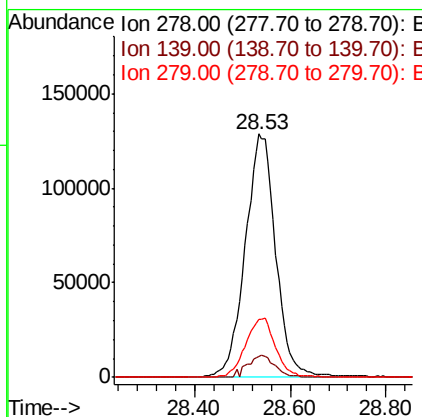
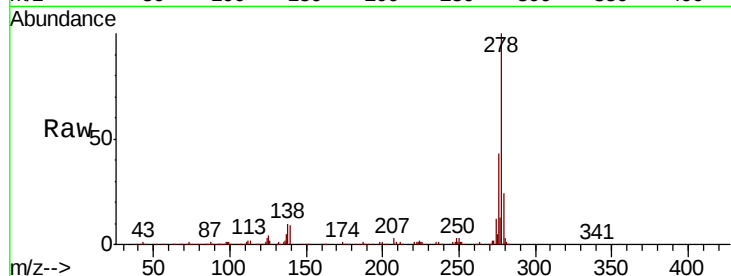




#91
 Dibenzo(a,h)anthracene
 Concen: 57.468 ng
 RT: 28.53 min Scan# 4331
 Delta R.T. -0.02 min
 Lab File: BG043569.D
 Acq: 8 Nov 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.7	7.4	11.0
279	24.0	19.1	28.7



#92
 Benzo(g,h,i)perylene
 Concen: 57.838 ng
 RT: 29.63 min Scan# 4517
 Delta R.T. -0.00 min
 Lab File: BG043569.D
 Acq: 8 Nov 2019 14:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	11.6	8.9	13.3

