

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043587.D
 Acq On : 11 Nov 2019 17:24
 Operator : JU
 Sample : PB124597BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

Quant Time: Nov 12 00:47:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	22490	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	89099	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	66117	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	165737	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	189448	20.00	ng	-0.01
87) Perylene-d12	24.83	264	217154	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	149772	122.03	ng	0.00
7) Phenol-d6	7.20	99	211333	119.68	ng	0.00
23) Nitrobenzene-d5	9.16	82	105621	61.11	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	137990	109.67	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	299073	62.50	ng	-0.01
79) Terphenyl-d14	19.99	244	657396	65.10	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	18128	37.903	ng	95
3) Pyridine	3.86	79	43243	35.842	ng	95
4) n-Nitrosodimethylamine	3.78	42	27246	44.754	ng	# 89
6) Aniline	7.33	93	64228	31.575	ng	98
8) 2-Chlorophenol	7.58	128	60547	44.690	ng	98
9) Benzaldehyde	7.14	77	32087	36.975	ng	87
10) Phenol	7.23	94	75575	46.836	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	50645	40.596	ng	93
12) 1,3-Dichlorobenzene	7.89	146	67553	39.796	ng	98
13) 1,4-Dichlorobenzene	8.03	146	69112	40.241	ng	97
14) 1,2-Dichlorobenzene	8.35	146	66350	39.567	ng	91
15) Benzyl Alcohol	8.25	79	52075	41.991	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	68372	37.691	ng	96
17) 2-Methylphenol	8.47	107	53650	45.609	ng	96
18) Hexachloroethane	9.08	117	22944	37.029	ng	97
19) n-Nitroso-di-n-propylamine	8.80	70	45044	39.476	ng	93
20) 3+4-Methylphenols	8.80	107	70724	43.846	ng	93
22) Acetophenone	8.82	105	86835	38.057	ng	# 93
24) Nitrobenzene	9.20	77	69866	42.437	ng	# 95
25) Isophorone	9.73	82	129126	40.866	ng	98
26) 2-Nitrophenol	9.92	139	35372	44.503	ng	# 95
27) 2,4-Dimethylphenol	9.99	122	56786	49.847	ng	96
28) bis(2-Chloroethoxy)methane	10.21	93	67699	38.820	ng	98
29) 2,4-Dichlorophenol	10.47	162	66943	45.863	ng	90
30) 1,2,4-Trichlorobenzene	10.67	180	72027	39.152	ng	95
31) Naphthalene	10.86	128	187859	41.538	ng	100
32) Benzoic acid	10.16	122	26840	34.088	ng	96
33) 4-Chloroaniline	10.98	127	45043	24.297	ng	97
34) Hexachlorobutadiene	11.14	225	51301	37.723	ng	93
35) Caprolactam	11.74	113	9635	19.166	ng	86
36) 4-Chloro-3-methylphenol	12.12	107	73764	46.330	ng	97
37) 2-Methylnaphthalene	12.46	142	146257	42.147	ng	98
38) 1-Methylnaphthalene	12.68	142	140117	42.437	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	94655	38.684	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	96203	74.845	nq	98
43) 2,4,6-Trichlorophenol	13.08	196	60398	41.914	nq	99
44) 2,4,5-Trichlorophenol	13.16	196	64227	44.087	nq #	94
46) 1,1'-Biphenyl	13.46	154	198561	39.477	nq	95
47) 2-Chloronaphthalene	13.51	162	154284	40.314	nq	97
48) 2-Nitroaniline	13.72	65	46821	40.934	nq	94
49) Acenaphthylene	14.36	152	257331	43.204	nq	99
50) Dimethylphthalate	14.09	163	212381	41.471	nq	98
51) 2,6-Dinitrotoluene	14.20	165	47138	42.368	nq	97
52) Acenaphthene	14.70	154	150863	41.534	nq	97
53) 3-Nitroaniline	14.55	138	30542	28.433	nq #	99
54) 2,4-Dinitrophenol	14.76	184	49026	71.425	nq	98
55) Dibenzofuran	15.03	168	249851	42.417	nq	98
56) 4-Nitrophenol	14.89	139	67265	93.445	nq	91
57) 2,4-Dinitrotoluene	15.00	165	69100	43.459	nq #	98
58) Fluorene	15.68	166	208964	42.297	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.27	232	67731	43.759	nq	99
60) Diethylphthalate	15.44	149	212244	41.247	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	118398	41.081	nq	97
62) 4-Nitroaniline	15.71	138	44900	40.474	nq	92
63) Azobenzene	15.96	77	180216	43.274	nq	96
65) 4,6-Dinitro-2-methylphenol	15.77	198	40767	41.797	nq	95
66) n-Nitrosodiphenylamine	15.88	169	188622	40.311	nq	98
67) 4-Bromophenyl-phenylether	16.57	248	84827	38.031	nq	98
68) Hexachlorobenzene	16.69	284	93868	36.663	nq	96
69) Atrazine	16.84	200	83095	51.107	nq	97
70) Pentachlorophenol	17.04	266	90632	77.688	nq	94
71) Phenanthrene	17.42	178	343471	40.470	nq	100
72) Anthracene	17.51	178	352650	41.530	nq	98
73) Carbazole	17.79	167	324170	42.157	nq	98
74) Di-n-butylphthalate	18.33	149	388757	41.667	nq	98
75) Fluoranthene	19.43	202	475959	43.017	nq	99
77) Benzidine	19.62	184	203602	53.401	nq	97
78) Pyrene	19.79	202	485944	41.439	nq	98
80) Butylbenzylphthalate	20.67	149	182099	40.988	nq	95
81) Benzo(a)anthracene	21.62	228	496755	41.861	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	142513	31.049	nq	98
83) Chrysene	21.69	228	486500	41.261	nq	96
84) Bis(2-ethylhexyl)phthalate	21.52	149	263831	41.805	nq	99
85) Di-n-octyl phthalate	22.72	149	454888	42.485	nq	100
86) Indeno(1,2,3-cd)pyrene	28.45	276	624361	42.186	nq	99
88) Benzo(b)fluoranthene	23.82	252	519231	42.218	nq	99
89) Benzo(k)fluoranthene	23.89	252	526965	42.561	nq	99
90) Benzo(a)pyrene	24.68	252	482518	41.084	nq	98
91) Dibenzo(a,h)anthracene	28.52	278	524765	43.683	nq	98
92) Benzo(g,h,i)perylene	29.60	276	520722	43.944	nq	99

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

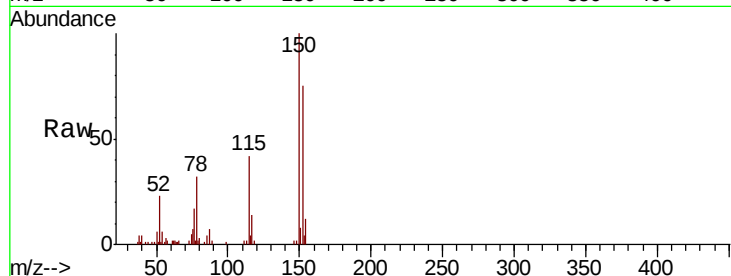


#1

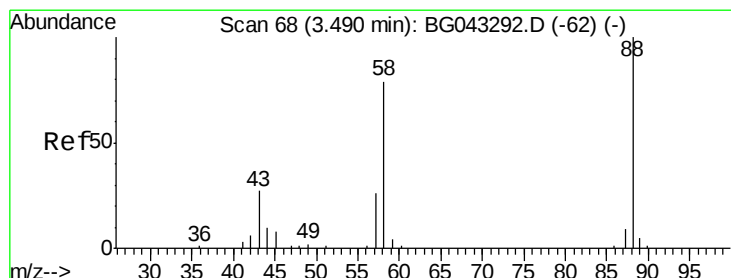
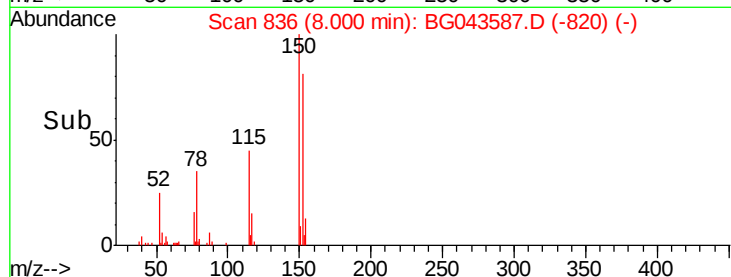
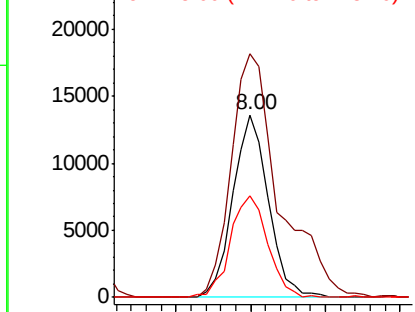
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion:152 Resp: 22490
Ion Ratio Lower Upper
152 100
150 133.3 129.4 194.0
115 55.8 48.8 73.2



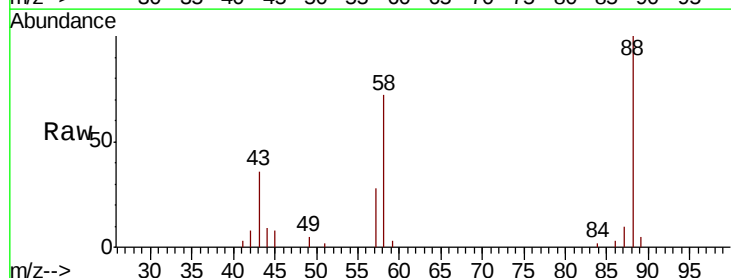
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



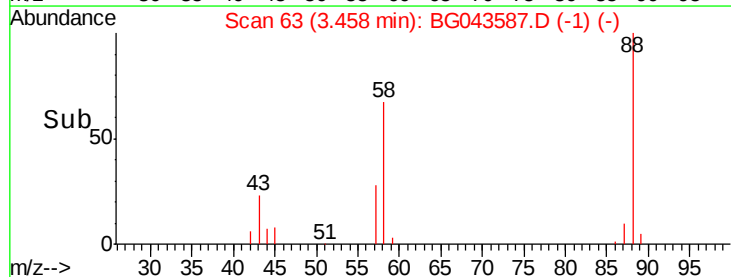
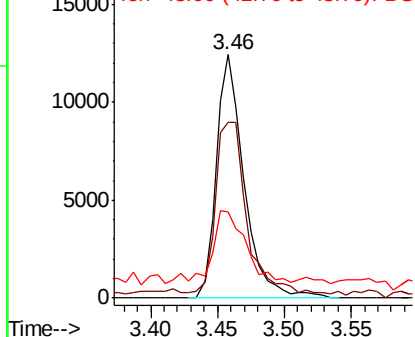
#2

1,4-Dioxane
Concen: 37.903 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion: 88 Resp: 18128
Ion Ratio Lower Upper
88 100
58 82.1 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: 35.842 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124597BS

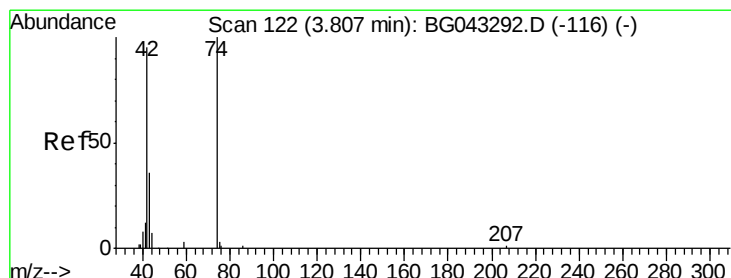
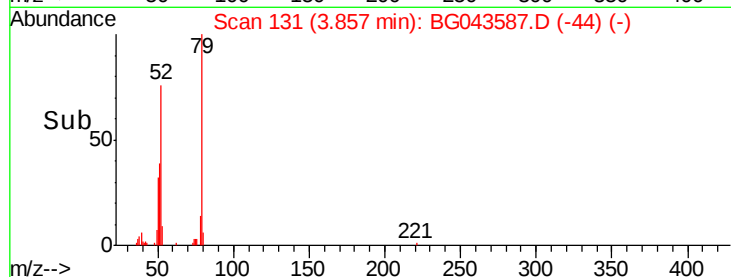
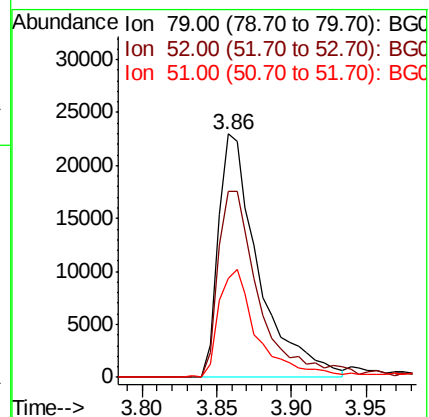
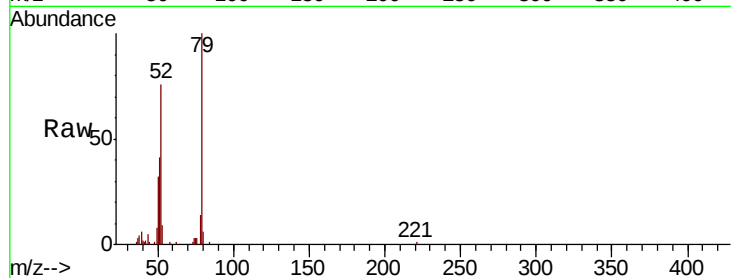
Tot Ion: 79 Resp: 43243

Ion Ratio Lower Upper

79 100

52 76.2 56.5 84.7

51 40.6 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 44.754 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

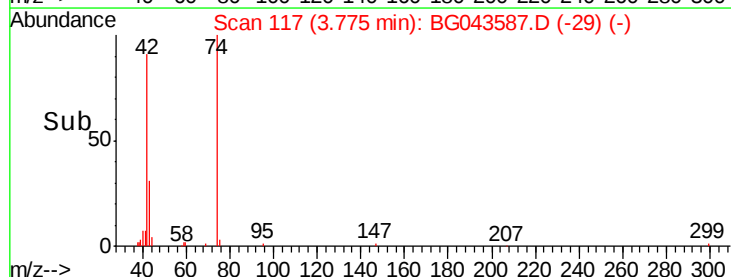
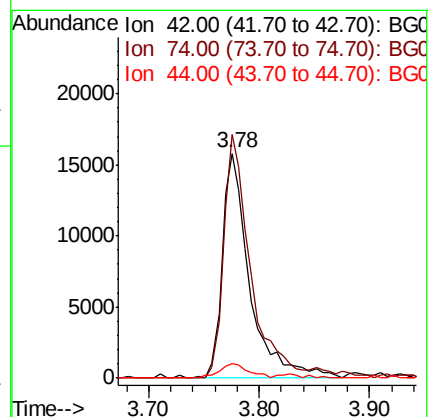
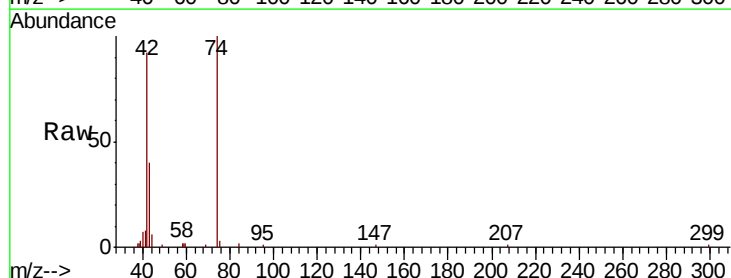
Tgt Ion: 42 Resp: 27246

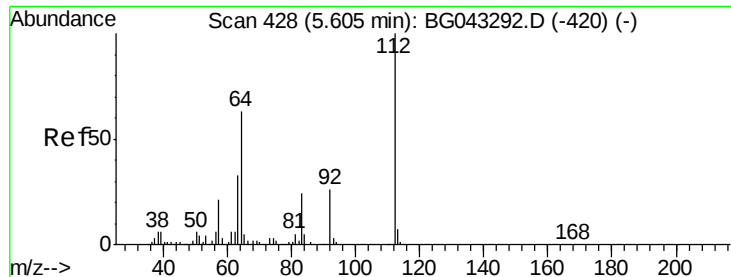
Ion Ratio Lower Upper

42 100

74 108.3 97.3 145.9

44 6.7 4.4 6.6#





#5

2-Fluorophenol

Concen: 122.032 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

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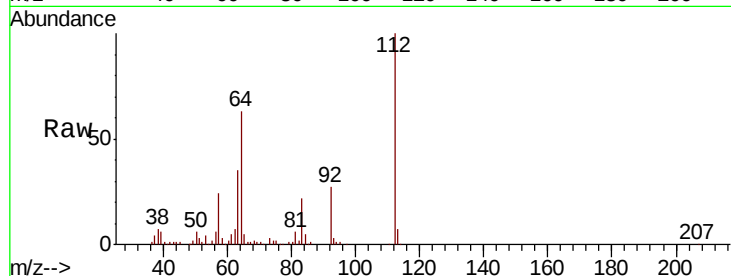
Tot Ion:112 Resp: 149772

Ion Ratio Lower Upper

112 100

64 63.2 50.0 75.0

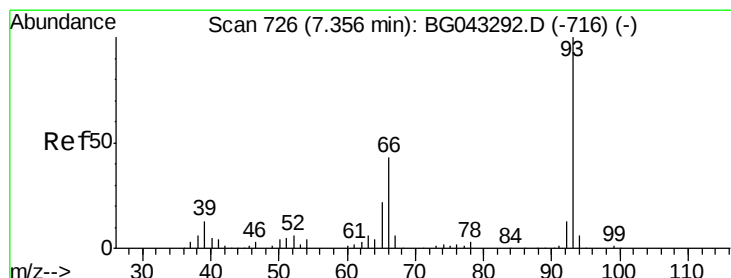
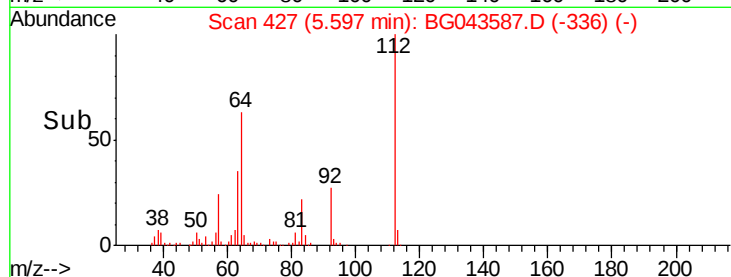
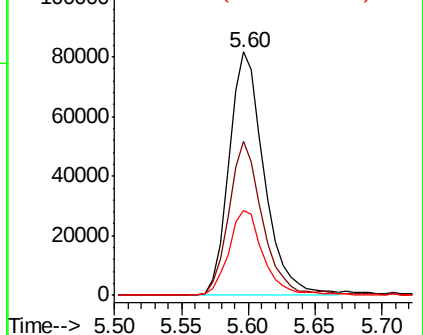
63 35.1 26.6 40.0



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: 31.575 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

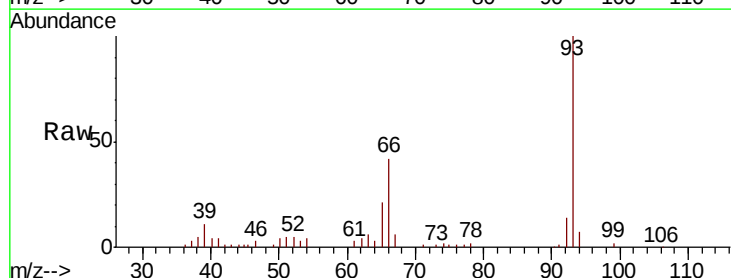
Tgt Ion: 93 Resp: 64228

Ion Ratio Lower Upper

93 100

66 42.2 32.3 48.5

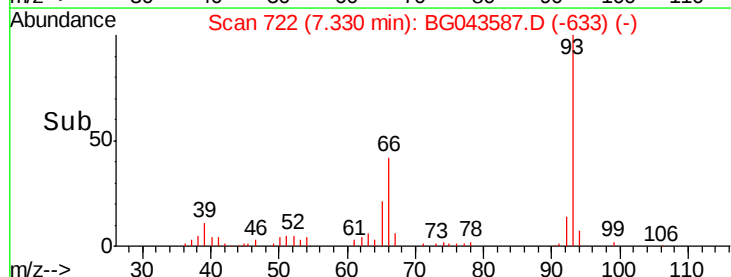
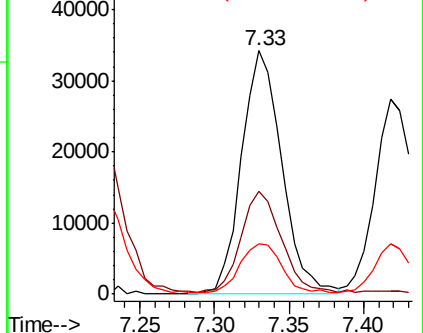
65 20.6 16.1 24.1



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: 119.679 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

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ClientSampleId :

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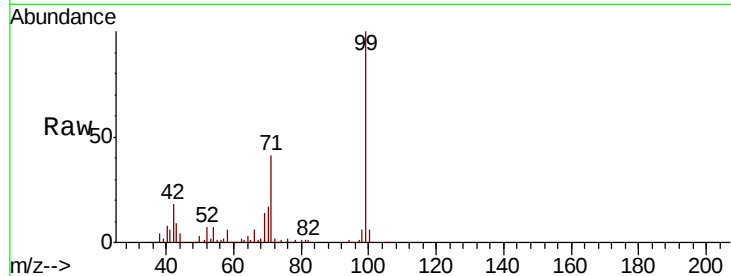
Tot Ion: 99 Resp: 211333

Ion Ratio Lower Upper

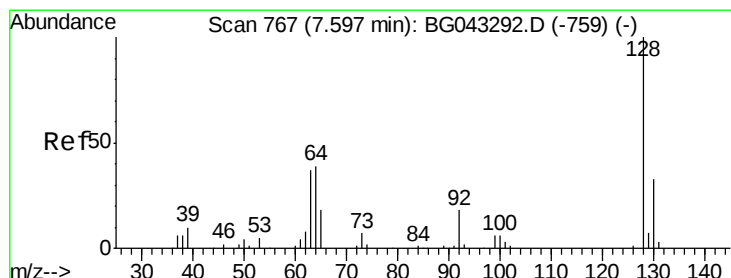
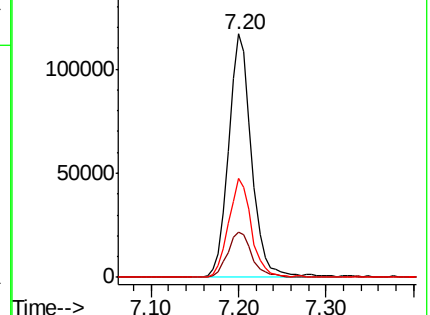
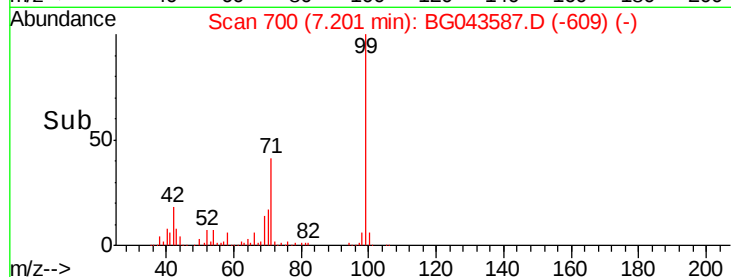
99 100

42 18.4 14.6 21.8

71 40.5 32.5 48.7



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



#8

2-Chlorophenol

Concen: 44.690 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

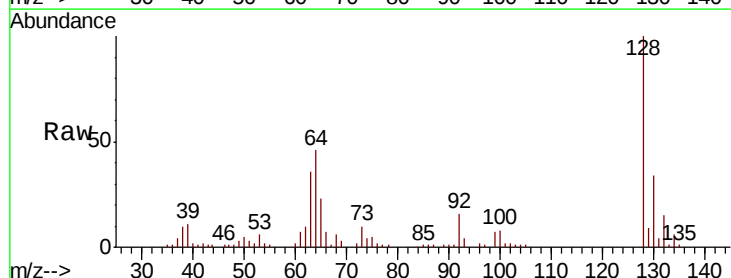
Tgt Ion: 128 Resp: 60547

Ion Ratio Lower Upper

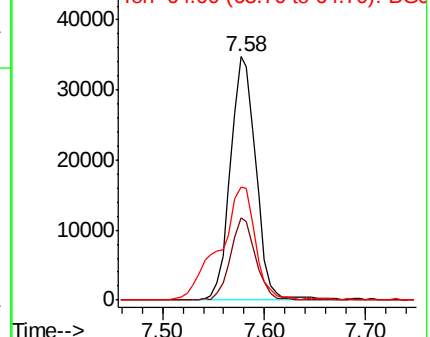
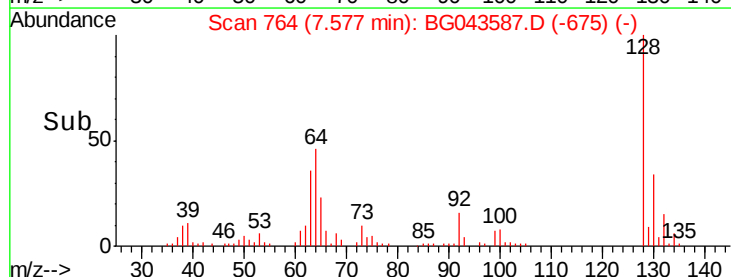
128 100

130 33.7 12.5 52.5

64 46.4 25.3 65.3



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





#9

Benzaldehyde

Concen: 36.975 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG043587.D

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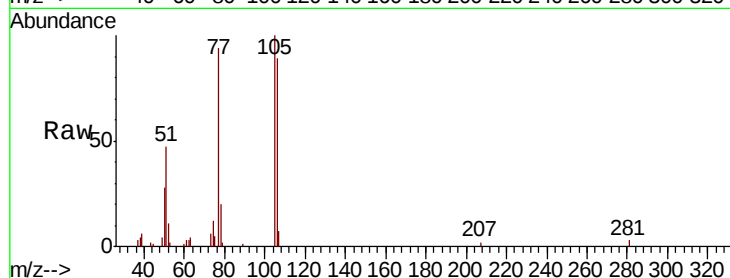
Tot Ion: 77 Resp: 32087

Ion Ratio Lower Upper

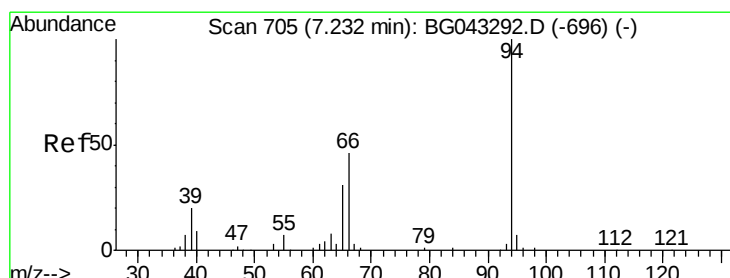
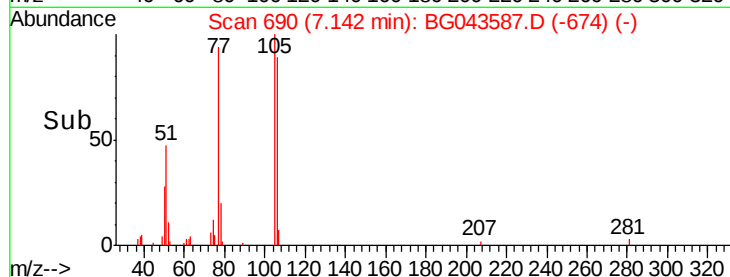
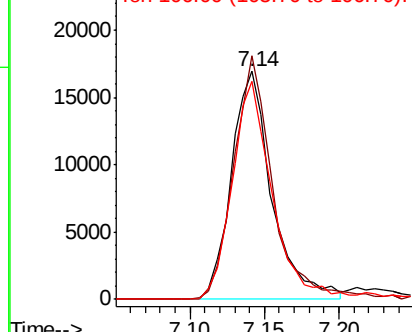
77 100

105 106.8 68.6 108.6

106 95.5 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: 46.836 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

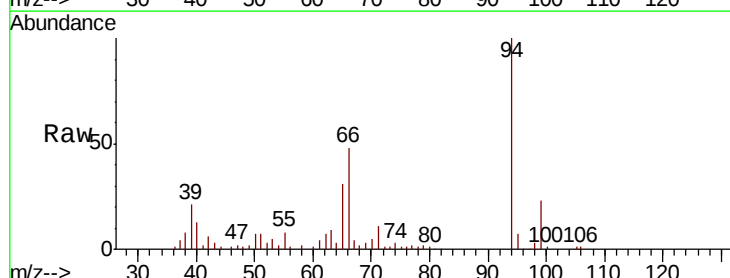
Tgt Ion: 94 Resp: 75575

Ion Ratio Lower Upper

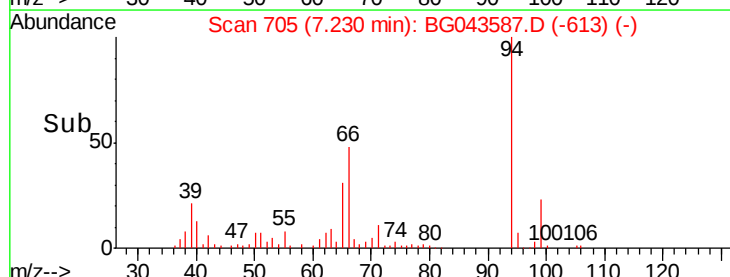
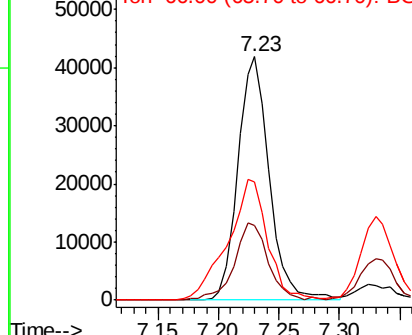
94 100

65 30.9 12.6 52.6

66 48.4 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

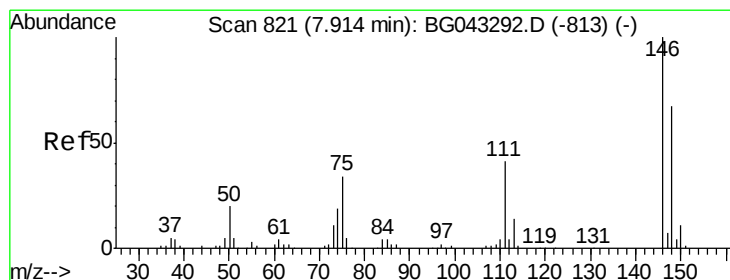
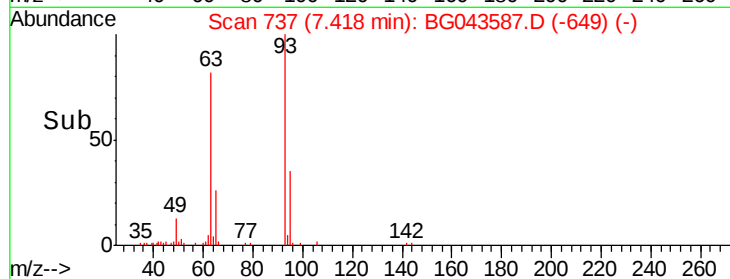
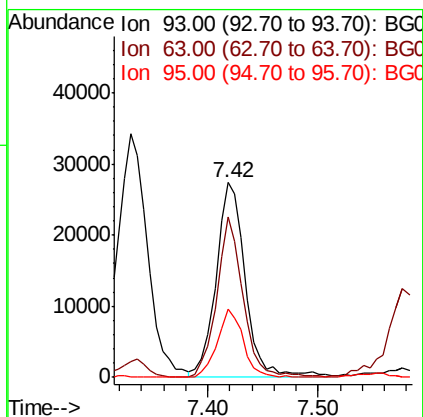
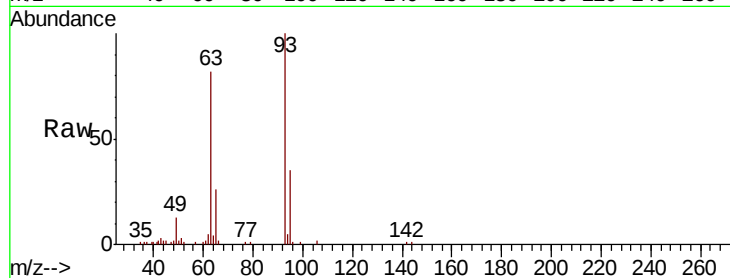




#11
bis(2-Chloroethyl)ether
Concen: 40.596 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

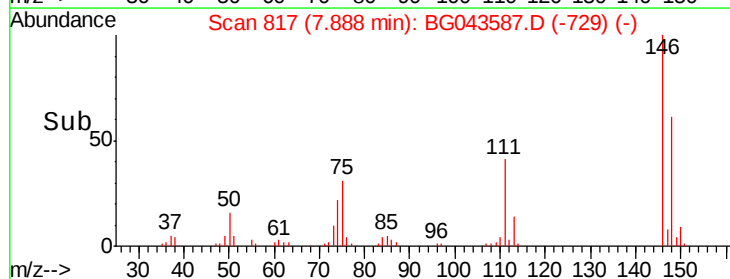
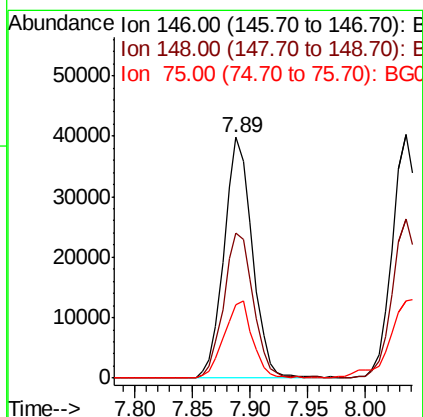
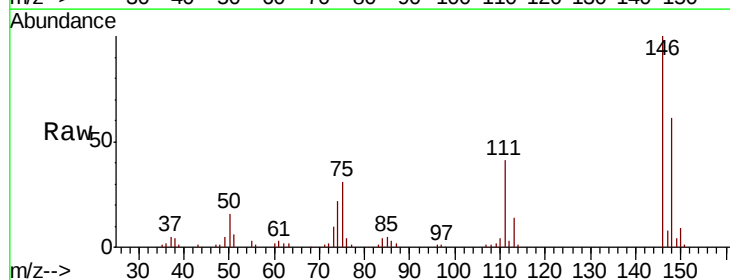
Instrument :
BNA_G
ClientSampleId :
PB124597BS

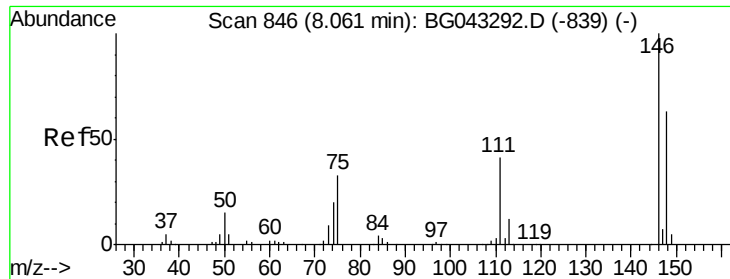
Tot Ion: 93 Resp: 50645
Ion Ratio Lower Upper
93 100
63 82.3 56.3 96.3
95 35.3 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 39.796 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion: 146 Resp: 67553
Ion Ratio Lower Upper
146 100
148 60.6 50.3 75.5
75 30.5 24.6 37.0

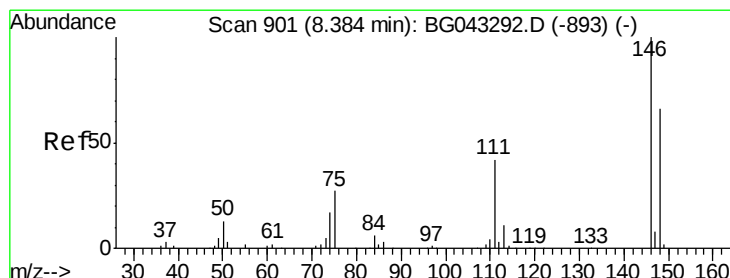
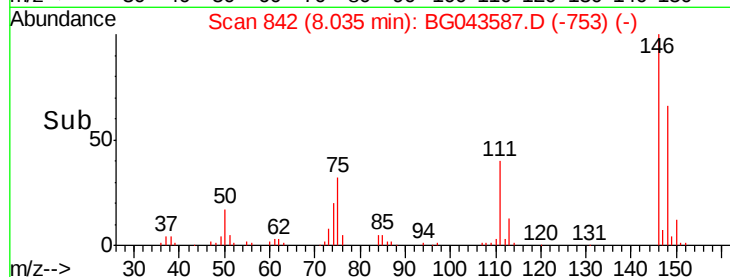
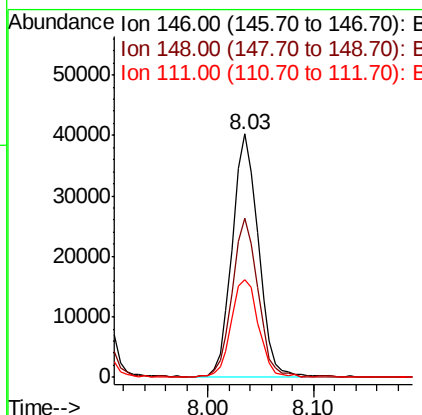
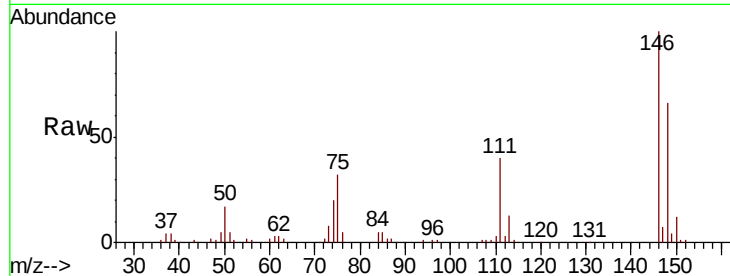




#13
 1,4-Dichlorobenzene
 Concen: 40.241 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

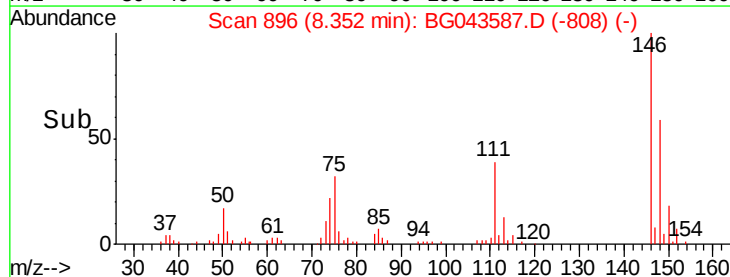
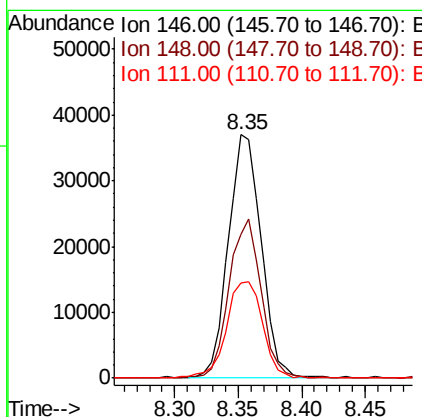
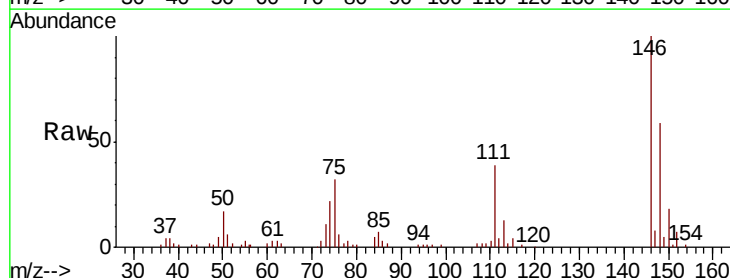
Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

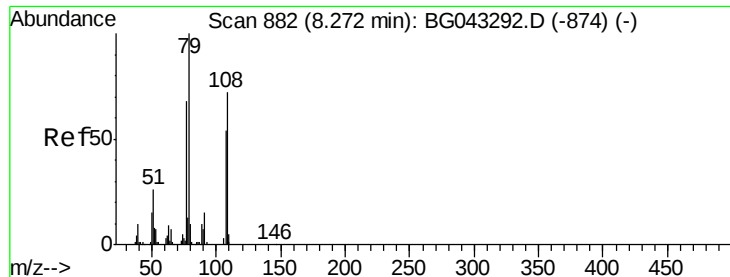
Tot Ion:146 Resp: 69112
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.7 76.1
 111 40.3 33.4 50.2



#14
 1,2-Dichlorobenzene
 Concen: 39.567 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

Tgt Ion:146 Resp: 66350
 Ion Ratio Lower Upper
 146 100
 148 59.2 53.2 79.8
 111 38.8 35.8 53.6





#15

Benzyl Alcohol

Concen: 41.991 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124597BS

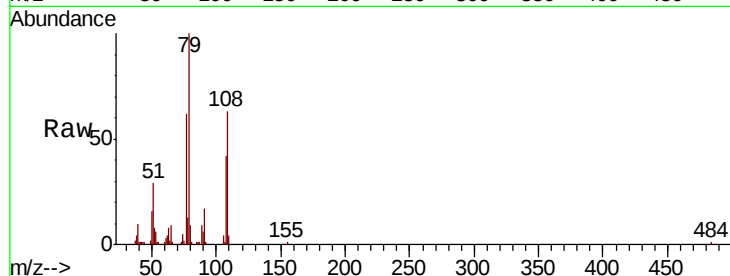
Tot Ion: 79 Resp: 52075

Ion Ratio Lower Upper

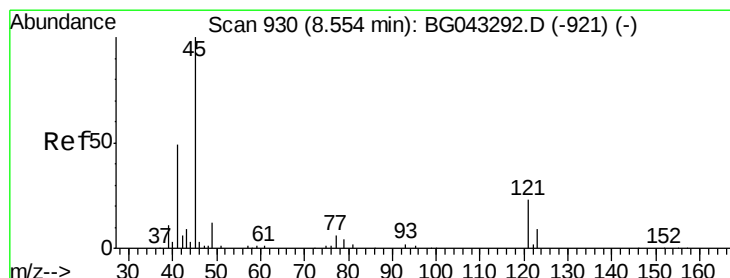
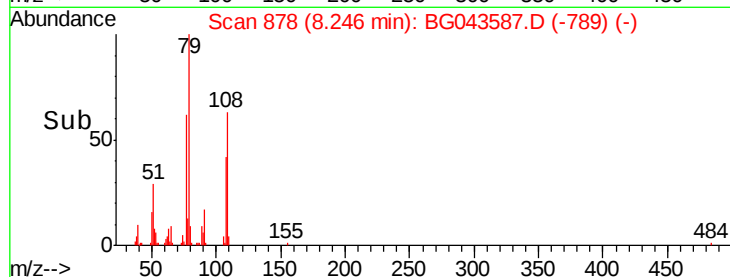
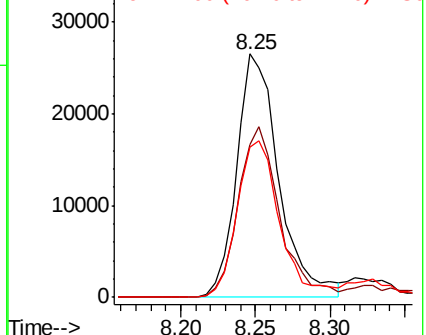
79 100

108 62.7 53.6 80.4

77 61.7 49.6 74.4



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.691 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

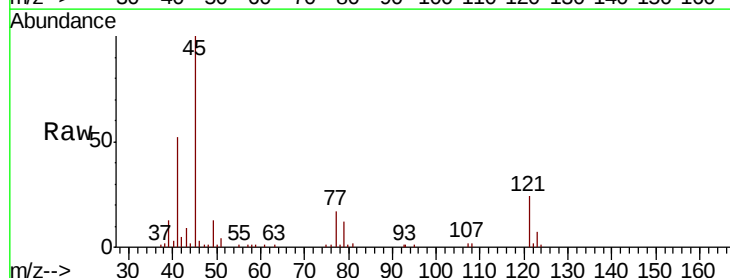
Tgt Ion: 45 Resp: 68372

Ion Ratio Lower Upper

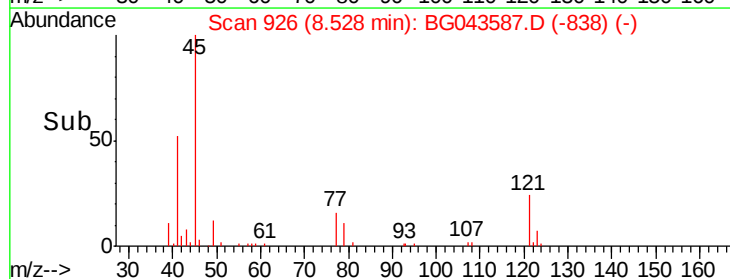
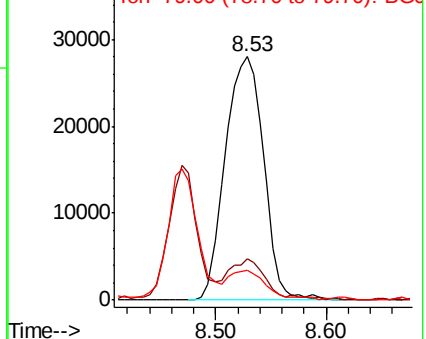
45 100

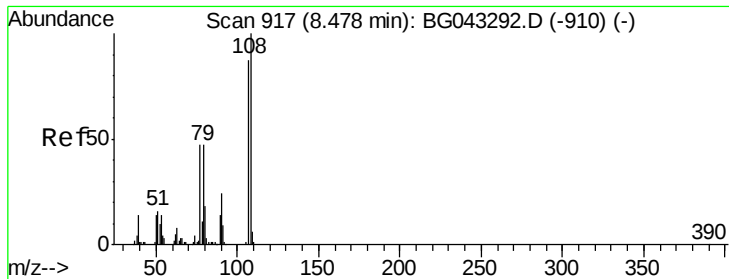
77 17.2 0.0 34.9

79 12.1 0.0 33.0



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





#17

2-Methylphenol

Concen: 45.609 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124597BS

Tot Ion:107 Resp: 53650

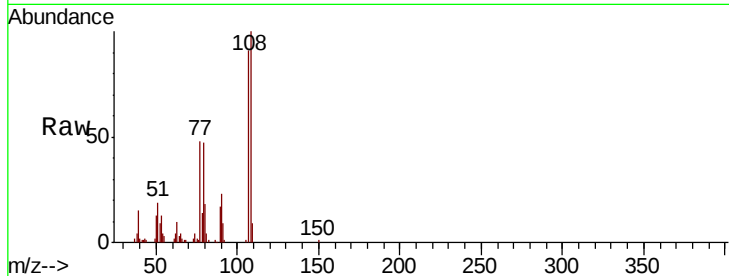
Ion Ratio Lower Upper

107 100

108 109.7 90.2 135.4

77 52.6 40.2 60.2

79 51.2 44.0 66.0

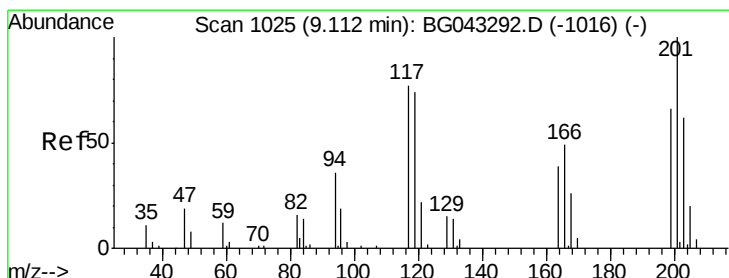
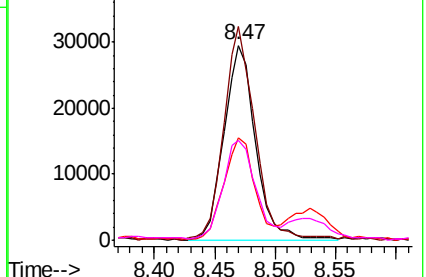
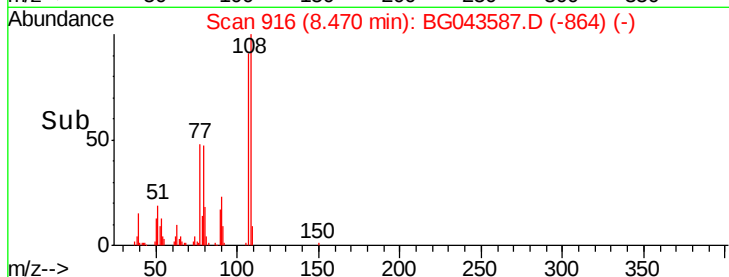


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.029 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

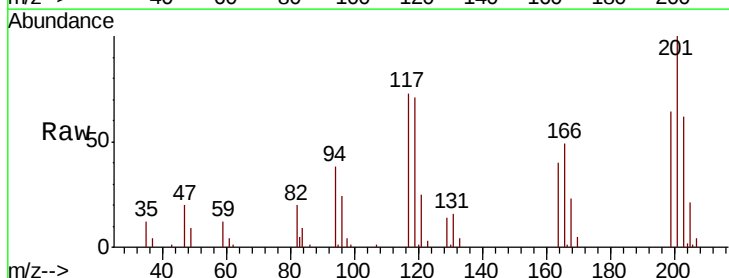
Tgt Ion:117 Resp: 22944

Ion Ratio Lower Upper

117 100

119 97.6 79.0 118.4

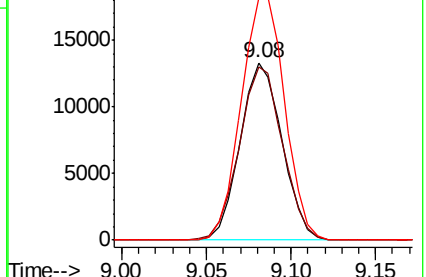
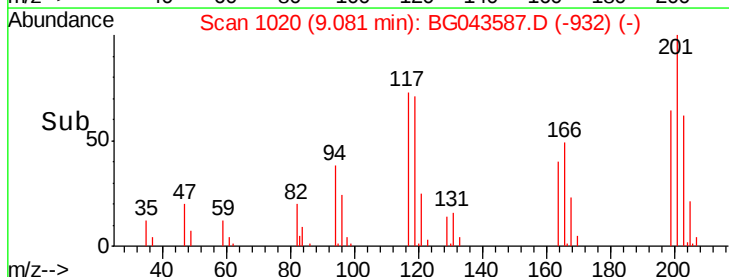
201 137.0 105.4 158.2

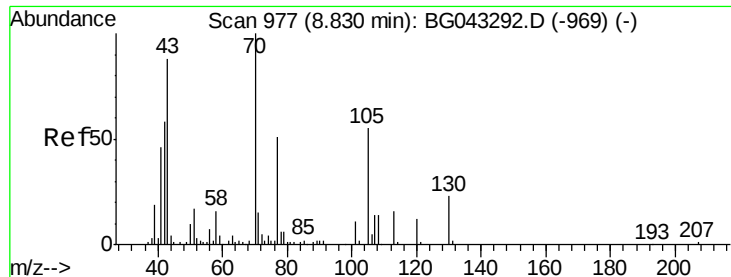


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.476 ng

RT: 8.80 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124597BS

Tot Ion: 70 Resp: 45044

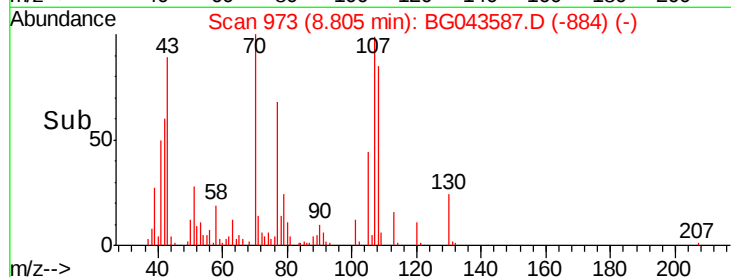
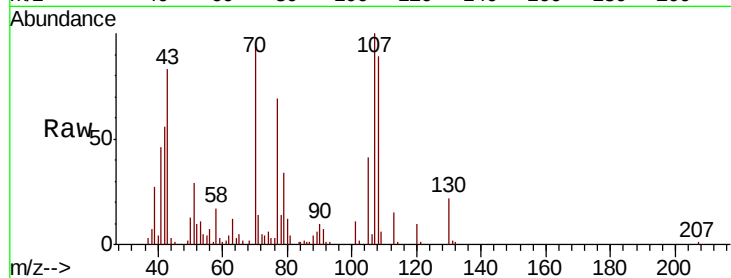
Ion Ratio Lower Upper

70 100

42 59.6 41.4 62.2

101 11.7 7.9 11.9

130 23.7 19.0 28.4



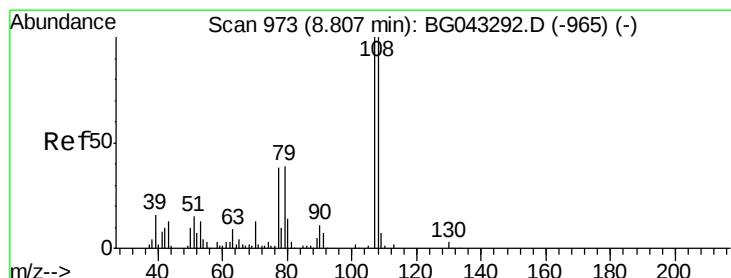
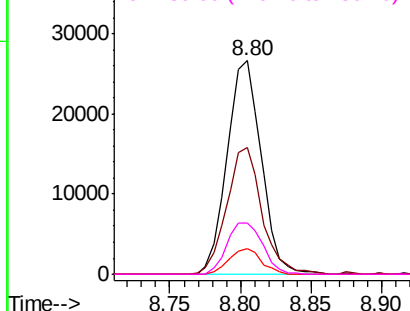
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 43.846 ng

RT: 8.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Tgt Ion: 107 Resp: 70724

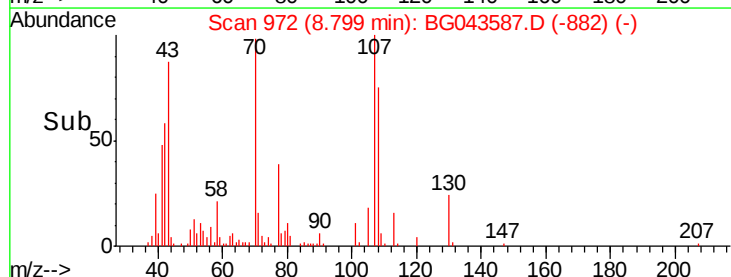
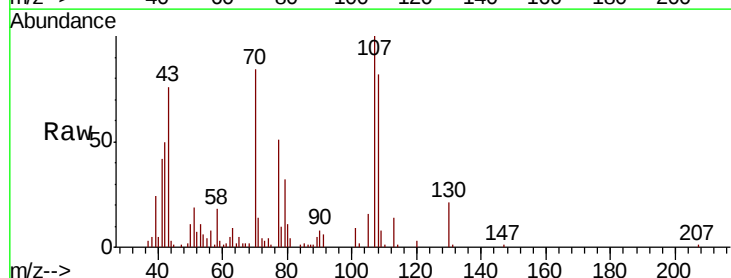
Ion Ratio Lower Upper

107 100

108 81.9 66.6 106.6

77 50.9 20.9 60.9

79 32.5 11.3 51.3



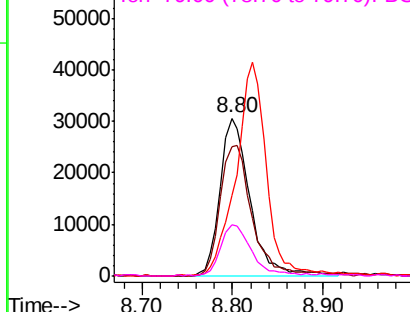
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124597BS

Tot Ion:136 Resp: 89099

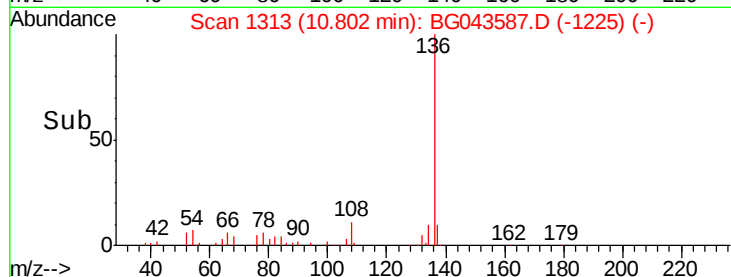
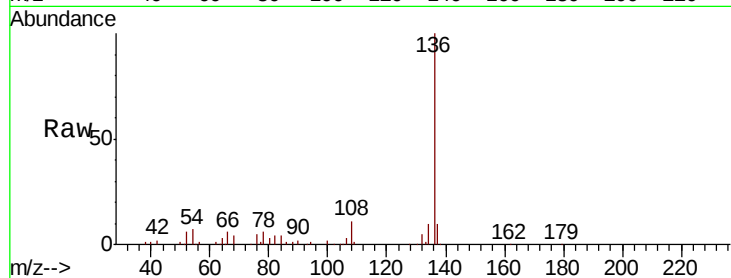
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 7.3 5.4 8.2

68 3.9 3.0 4.4

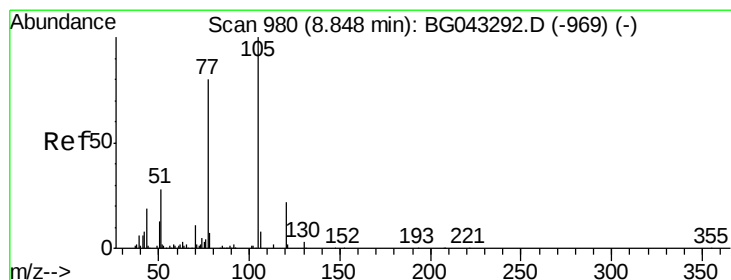
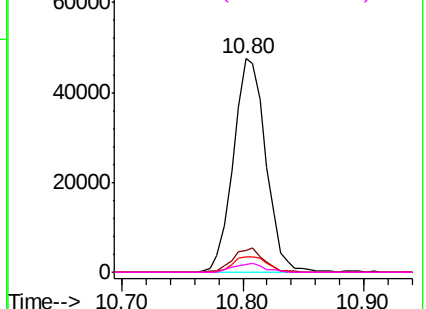


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.057 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Tgt Ion:105 Resp: 86835

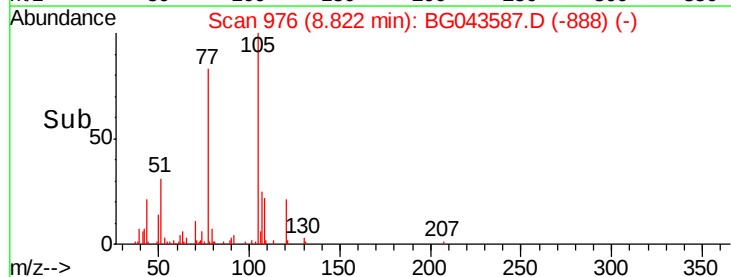
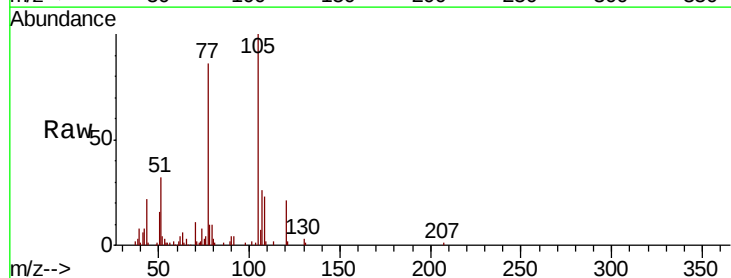
Ion Ratio Lower Upper

105 100

71 2.3 0.8 1.2#

51 32.1 21.0 31.4#

120 21.4 18.0 27.0

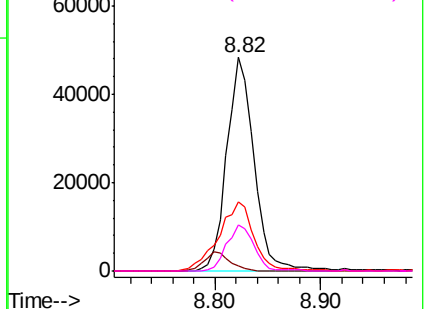


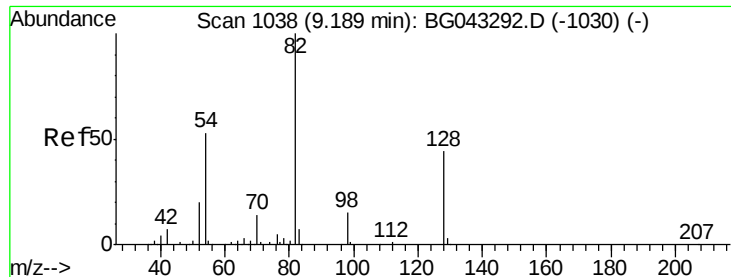
Abundance Ion 105.00 (104.70 to 105.70): E

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

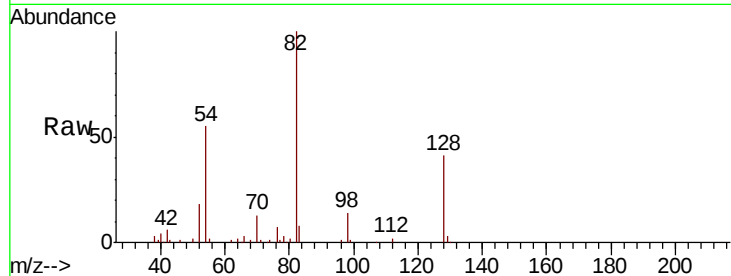




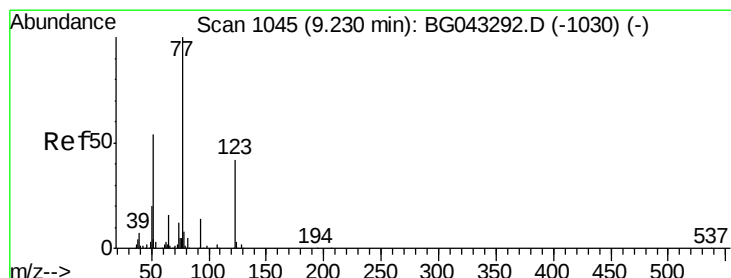
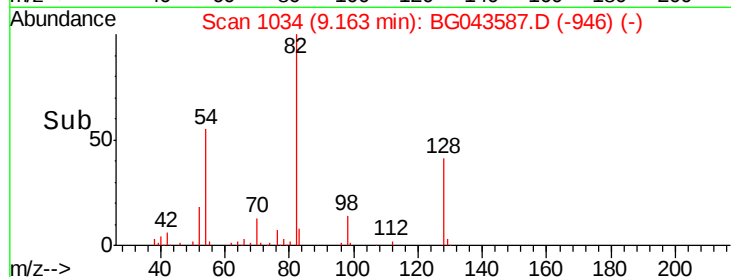
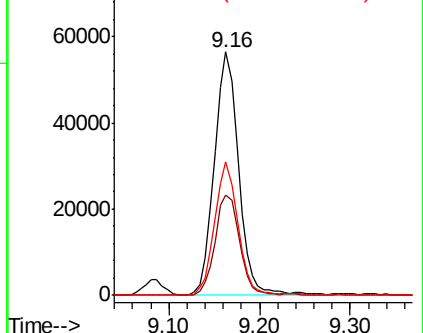
#23
Nitrobenzene-d5
Concen: 61.114 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion	82	Resp	105621
Ion Ratio	100	Lower	Upper
128	41.1	35.0	52.6
54	54.6	40.2	60.2

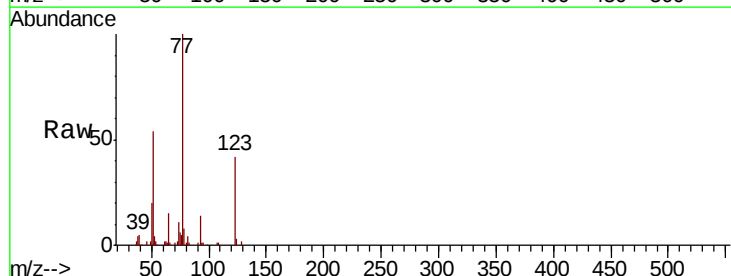


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

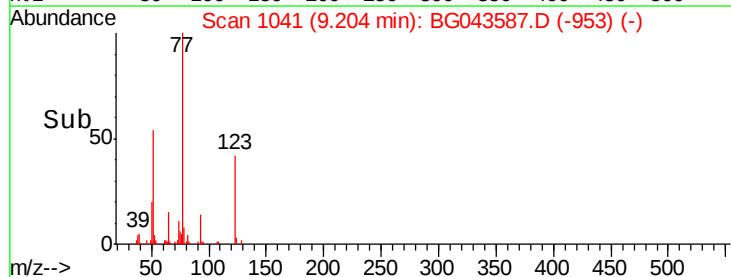
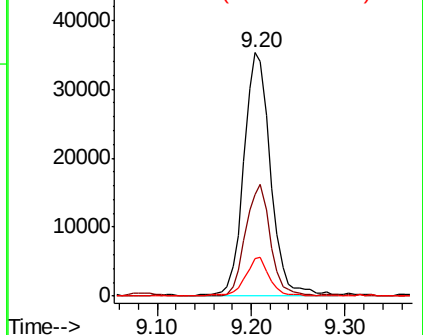


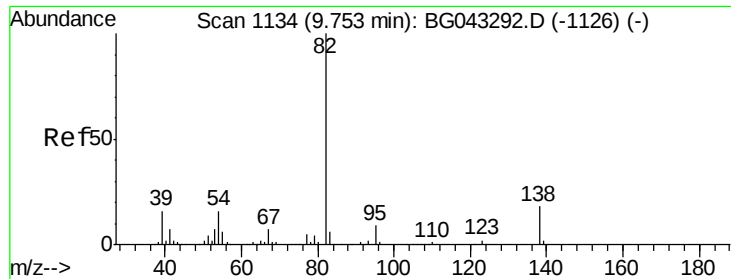
#24
Nitrobenzene
Concen: 42.437 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	77	Resp	69866
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
123	41.5	35.0	52.6
65	15.2	9.5	14.3#



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





#25

Isophorone

Concen: 40.866 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124597BS

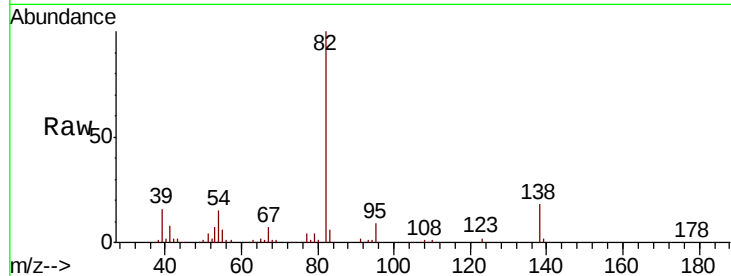
Tot Ion: 82 Resp: 129126

Ion Ratio Lower Upper

82 100

95 9.3 6.6 9.8

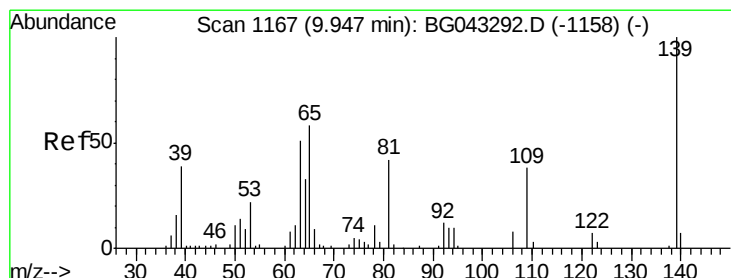
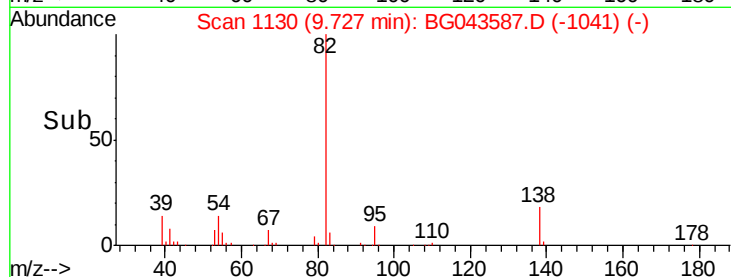
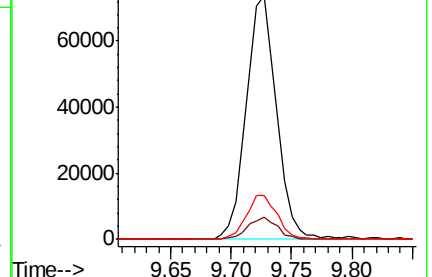
138 18.1 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BG043292.D (-1126) (-)

Ion 95.00 (94.70 to 95.70): BG043292.D (-1126) (-)

Ion 138.00 (137.70 to 138.70): BG043292.D (-1126) (-)



#26

2-Nitrophenol

Concen: 44.503 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

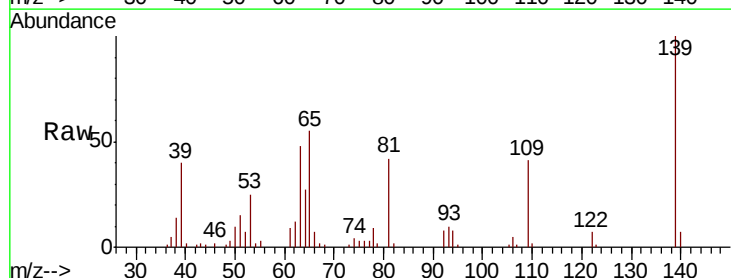
Tgt Ion: 139 Resp: 35372

Ion Ratio Lower Upper

139 100

109 40.5 26.5 39.7#

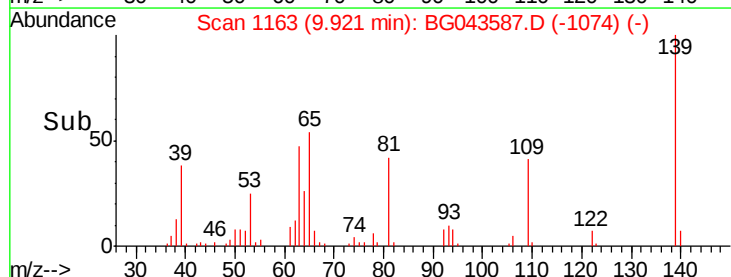
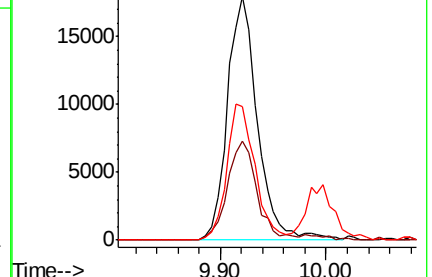
65 55.1 43.8 65.8



Abundance Ion 139.00 (138.70 to 139.70): BG043292.D (-1158) (-)

Ion 109.00 (108.70 to 109.70): BG043292.D (-1158) (-)

Ion 65.00 (64.70 to 65.70): BG043292.D (-1158) (-)

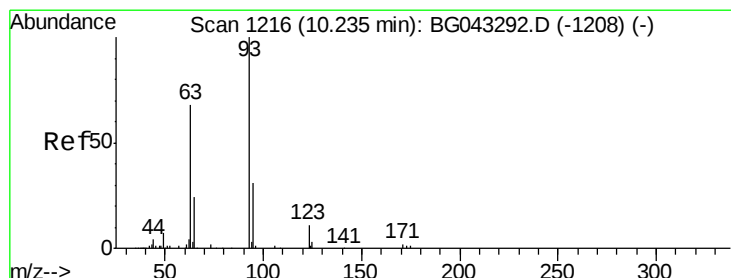
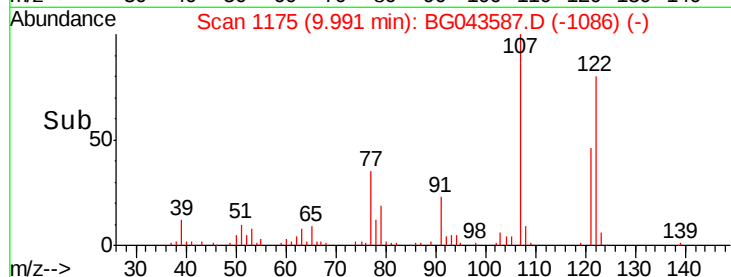
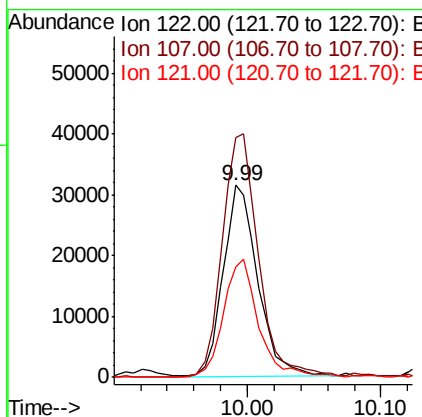
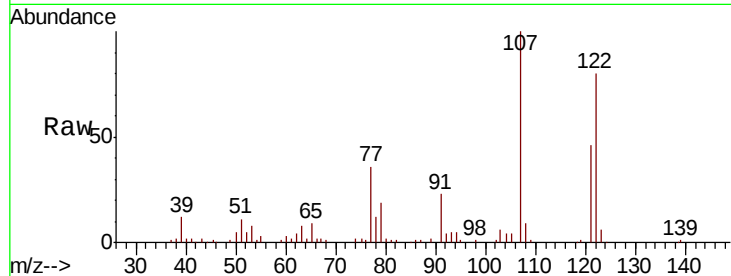




#27
 2,4-Dimethylphenol
 Concen: 49.847 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

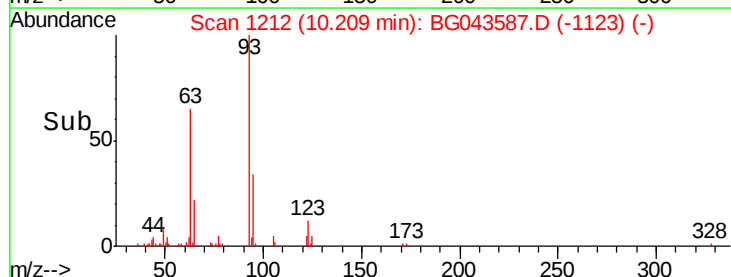
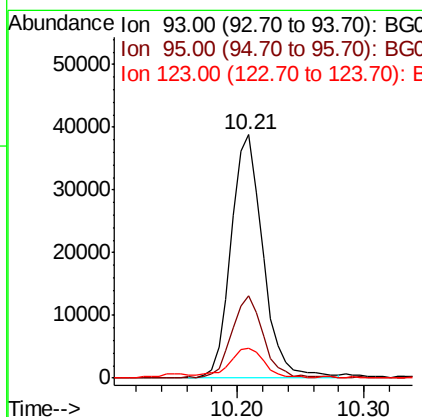
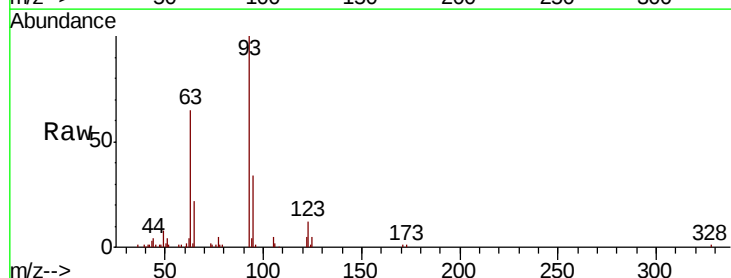
Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

Tot Ion:122 Resp: 56786
 Ion Ratio Lower Upper
 122 100
 107 124.9 104.4 156.6
 121 57.7 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.820 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

Tgt Ion: 93 Resp: 67699
 Ion Ratio Lower Upper
 93 100
 95 33.9 26.0 39.0
 123 12.3 10.6 15.8

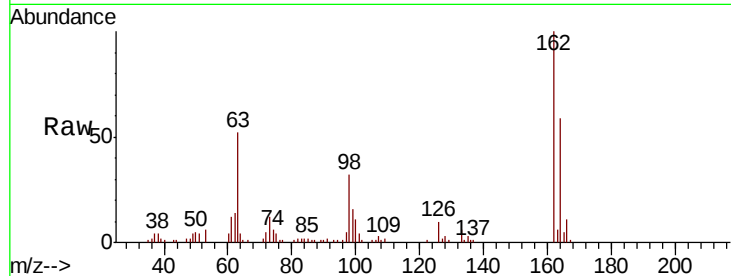




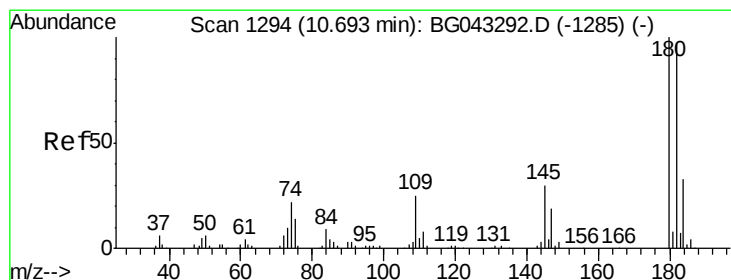
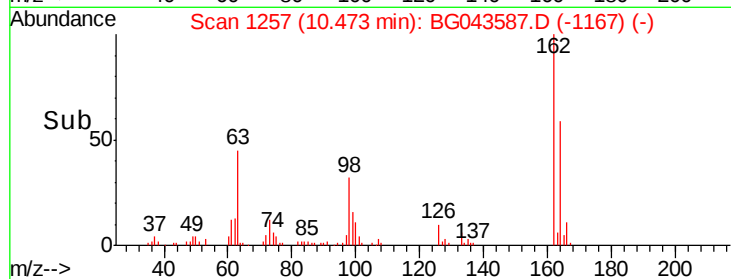
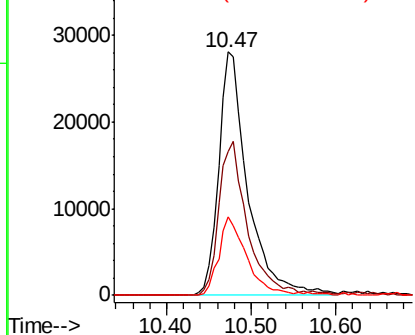
#29
 2,4-Dichlorophenol
 Concen: 45.863 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	59.2	48.9	88.9
98	32.1	15.1	55.1

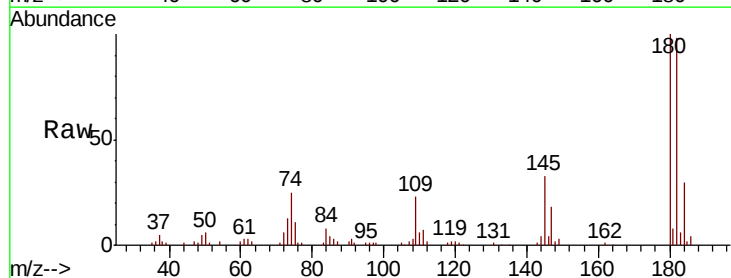


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

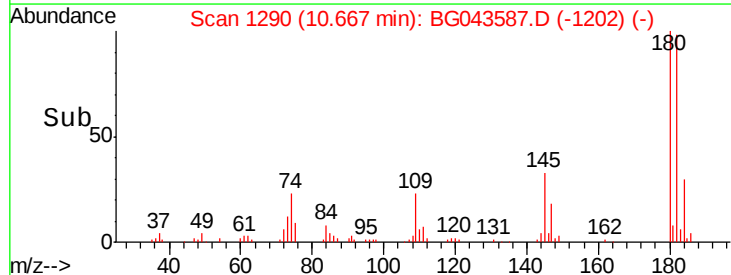
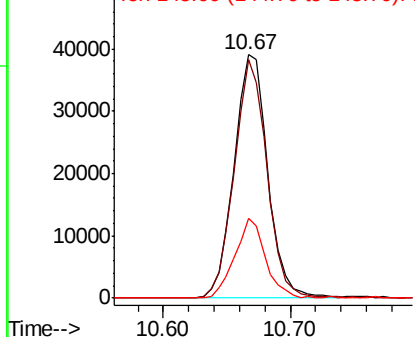


#30
 1,2,4-Trichlorobenzene
 Concen: 39.152 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	75.1	112.7
145	32.8	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

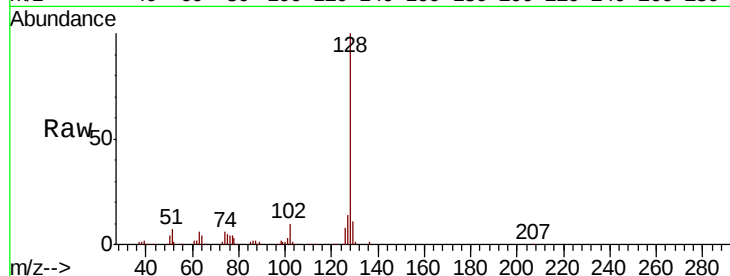




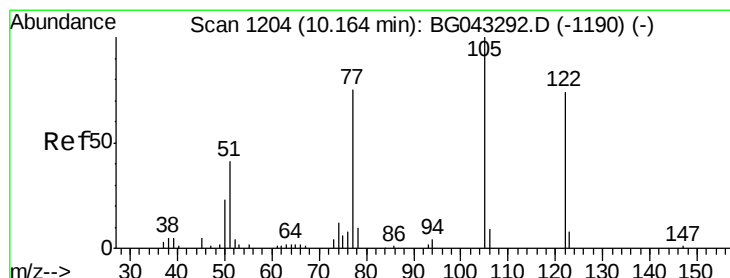
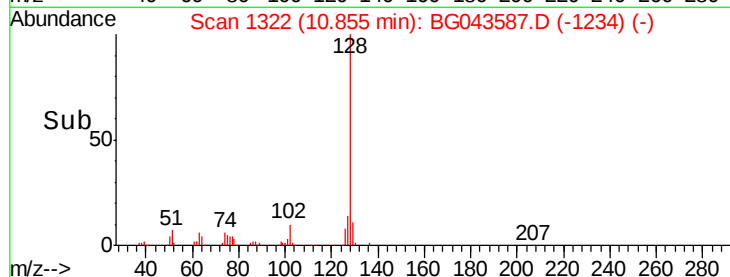
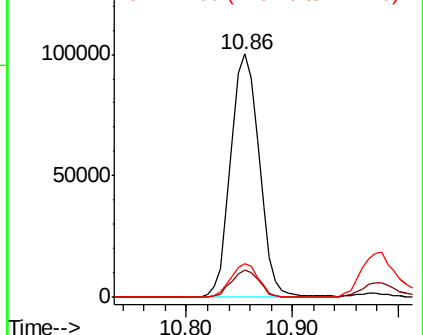
#31
Naphthalene
Concen: 41.538 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion:128 Resp: 187859
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 14.0 11.1 16.7

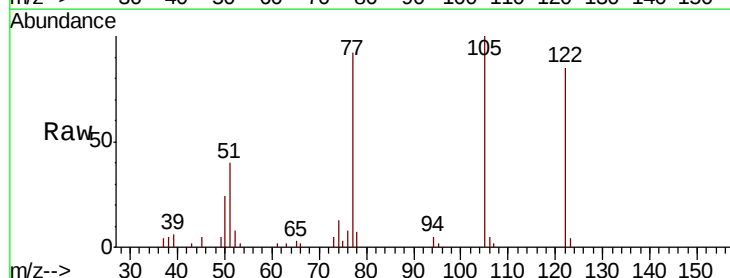


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

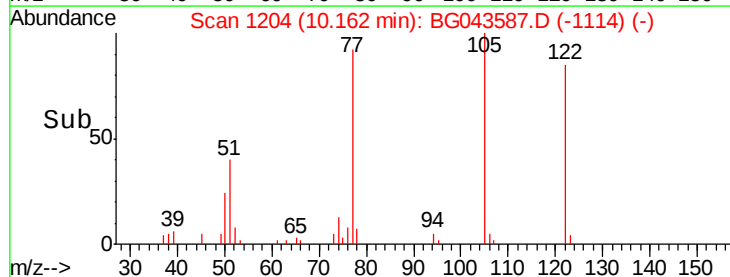
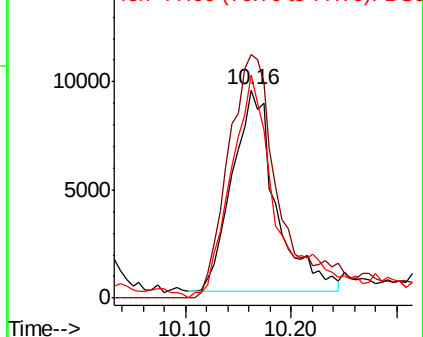


#32
Benzoic acid
Concen: 34.088 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion:122 Resp: 26840
Ion Ratio Lower Upper
122 100
105 117.2 103.3 143.3
77 107.6 84.9 124.9



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

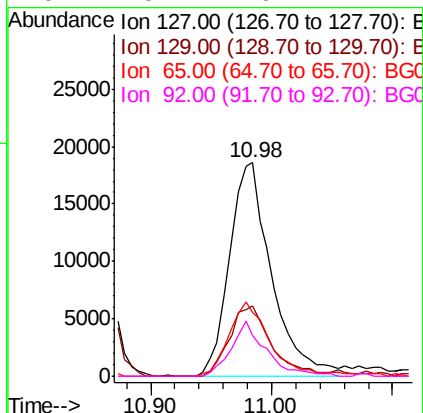
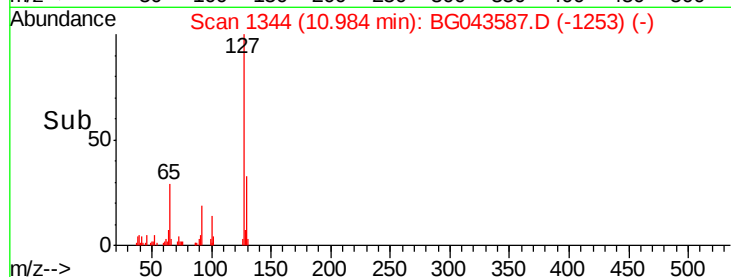
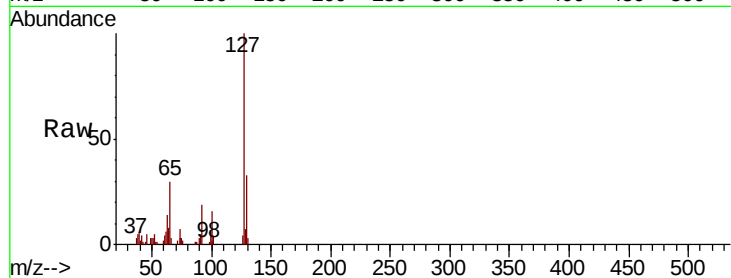




#33
4-Chloroaniline
Concen: 24.297 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

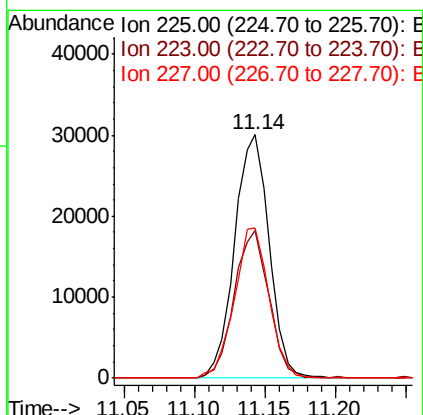
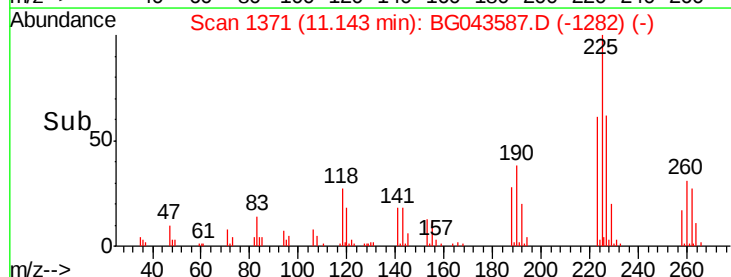
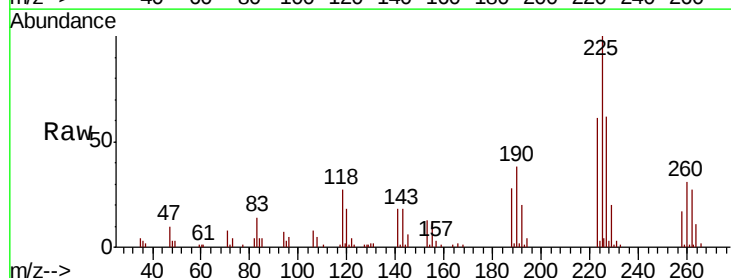
Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion:127 Resp: 45043
Ion Ratio Lower Upper
127 100
129 33.2 26.5 39.7
65 30.0 26.4 39.6
92 19.1 16.2 24.2



#34
Hexachlorobutadiene
Concen: 37.723 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion:225 Resp: 51301
Ion Ratio Lower Upper
225 100
223 60.8 52.7 79.1
227 61.8 54.8 82.2





#35

Caprolactam

Concen: 19.166 ng

RT: 11.74 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124597BS

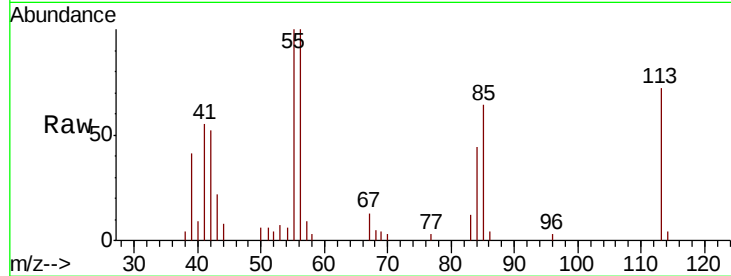
Tot Ion:113 Resp: 9635

Ion Ratio Lower Upper

113 100

55 138.5 134.1 174.1

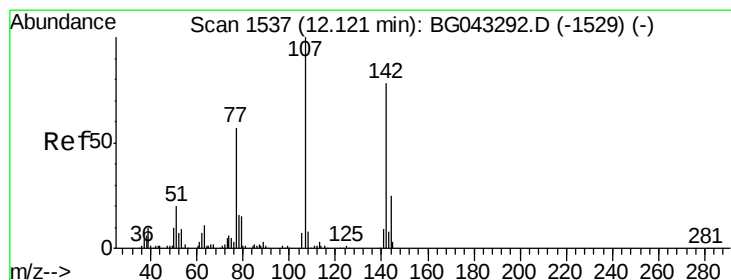
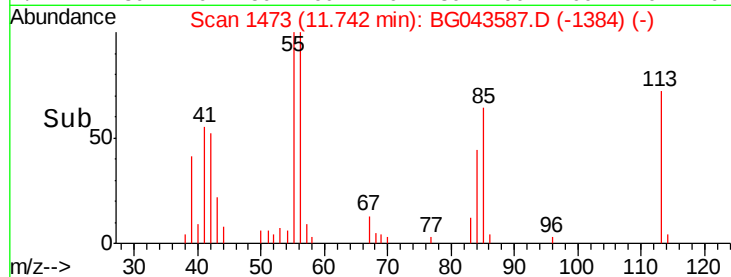
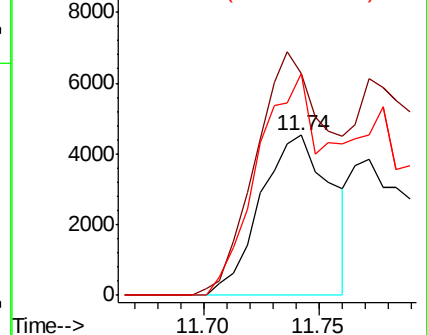
56 138.4 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.330 ng

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

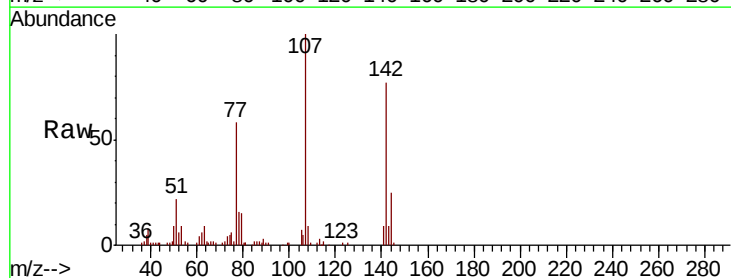
Tgt Ion:107 Resp: 73764

Ion Ratio Lower Upper

107 100

144 24.6 20.9 31.3

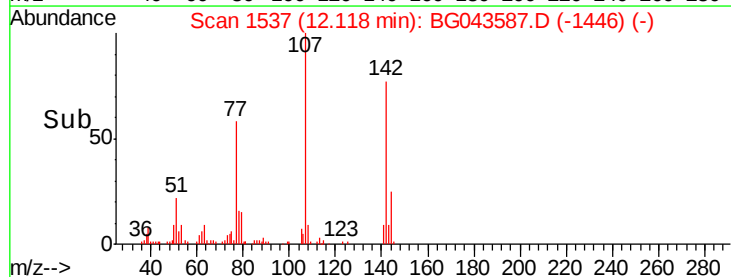
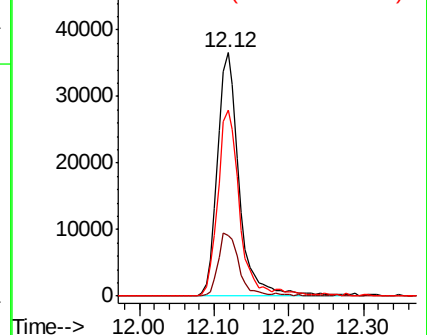
142 76.7 59.6 89.4



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

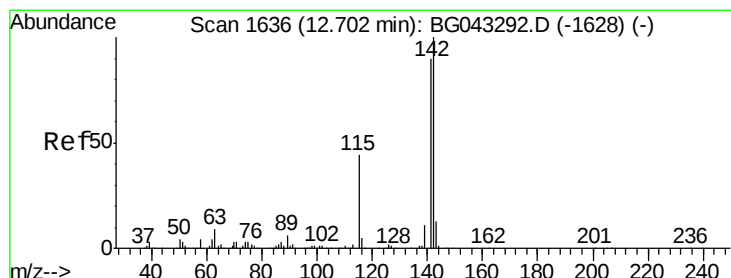
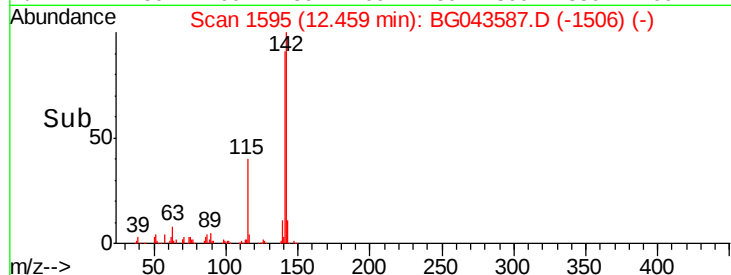
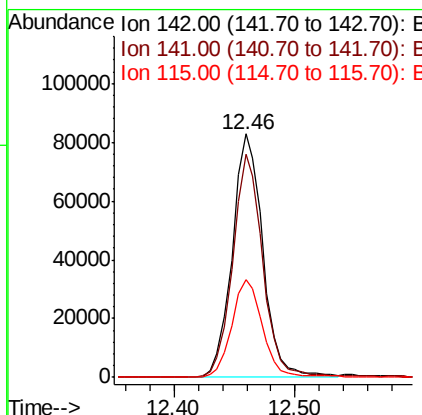
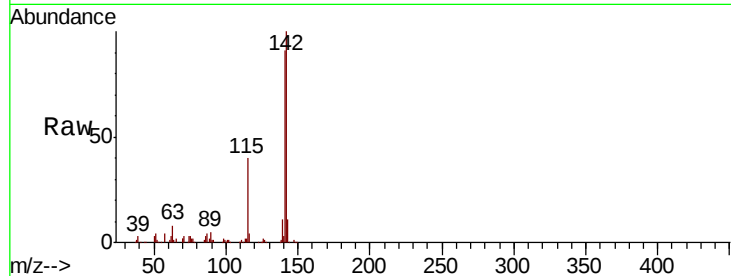




#37
 2-Methylnaphthalene
 Concen: 42.147 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

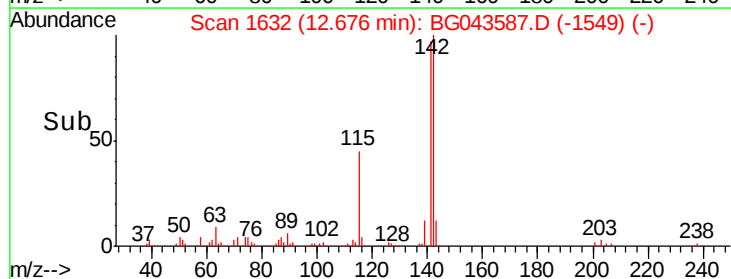
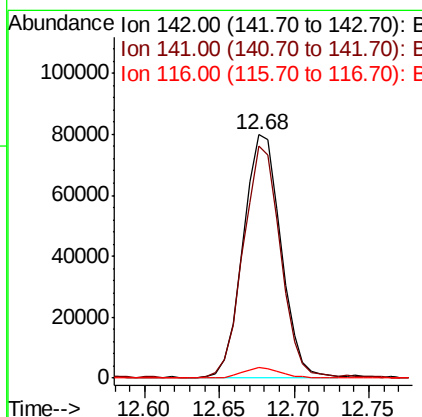
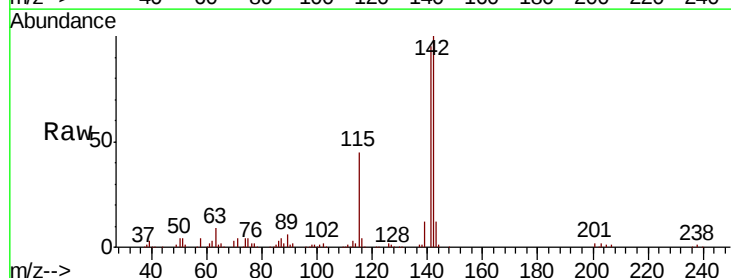
Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

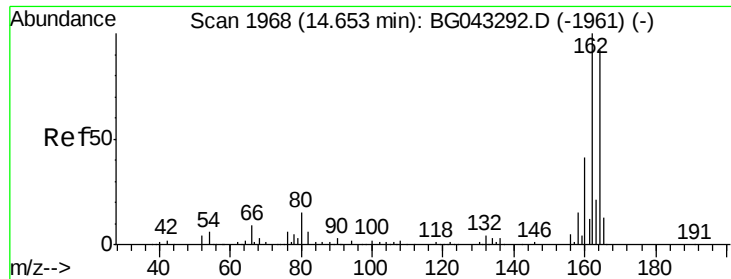
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.2	108.2
115	40.0	33.2	49.8



#38
 1-Methylnaphthalene
 Concen: 42.437 ng
 RT: 12.68 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	73.2	109.8
116	4.2	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: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124597BS

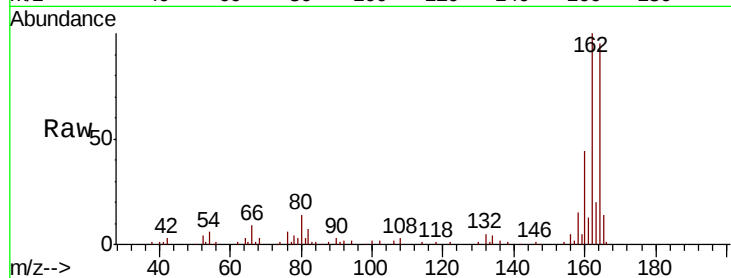
Tot Ion:164 Resp: 66117

Ion Ratio Lower Upper

164 100

162 105.1 83.5 125.3

160 45.8 36.5 54.7

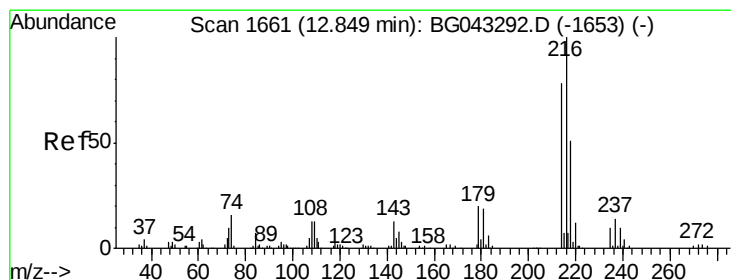
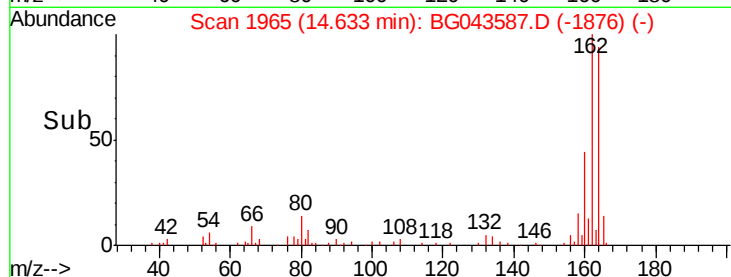
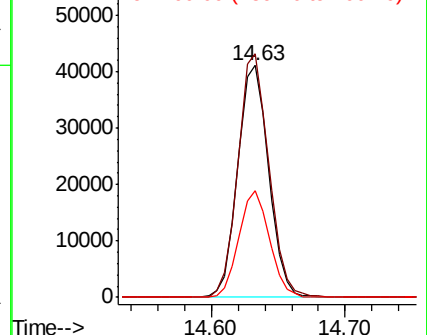


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.684 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Tgt Ion:216 Resp: 94655

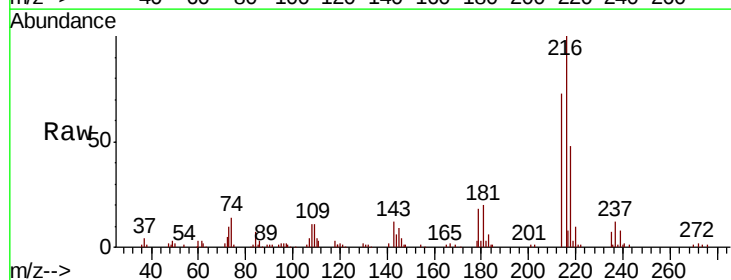
Ion Ratio Lower Upper

216 100

214 76.5 61.7 92.5

179 17.8 15.8 23.8

108 15.9 11.5 17.3



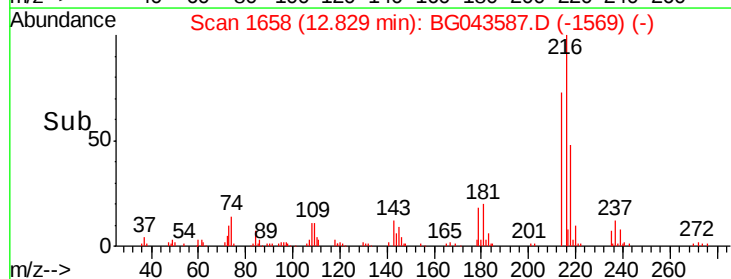
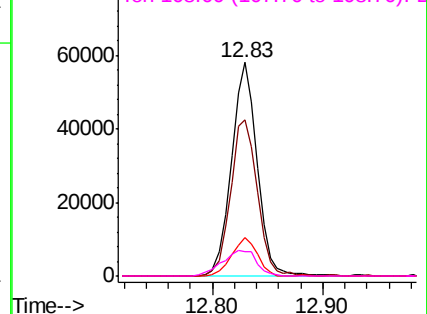
Abundance

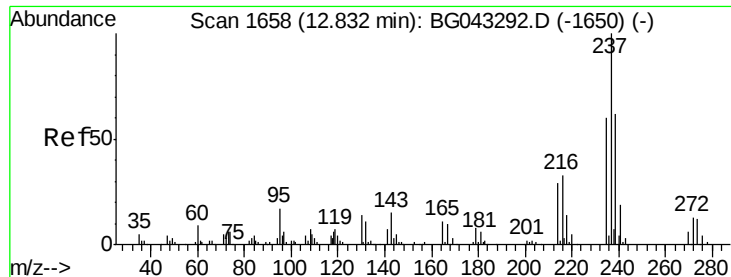
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

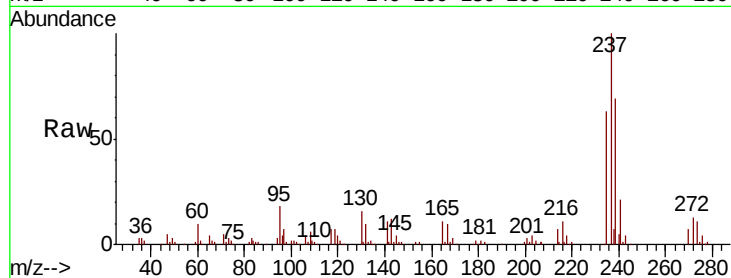




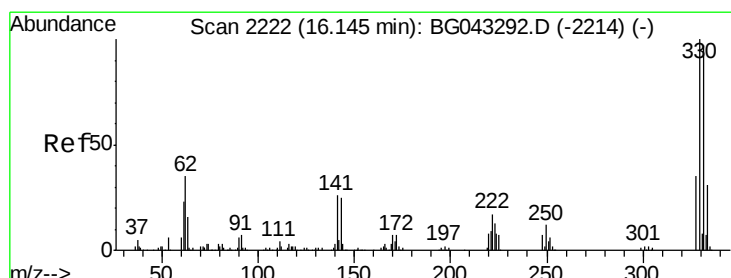
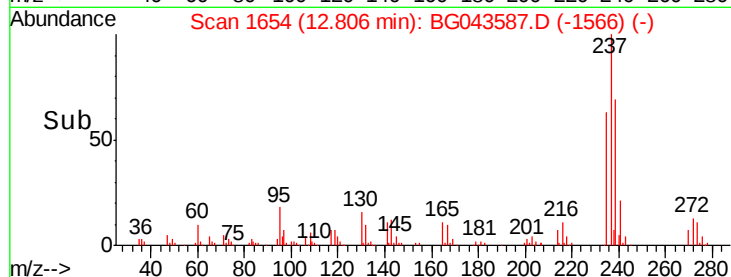
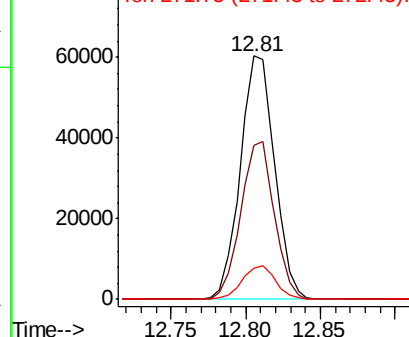
#41
Hexachlorocyclopentadiene
Concen: 74.845 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion:237 Resp: 96203
Ion Ratio Lower Upper
237 100
235 63.3 41.6 81.6
272 12.8 0.0 32.5

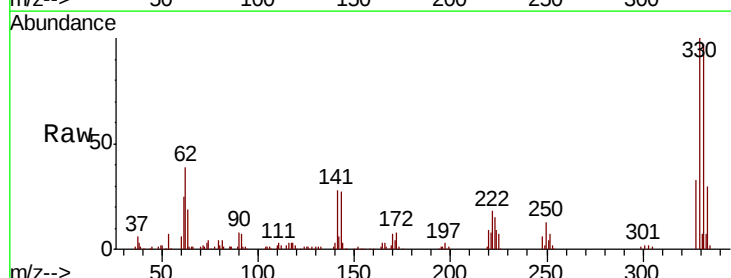


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

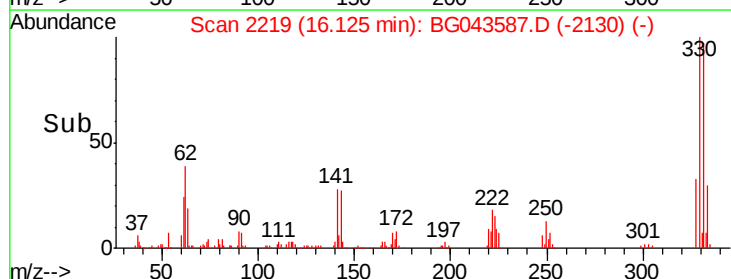
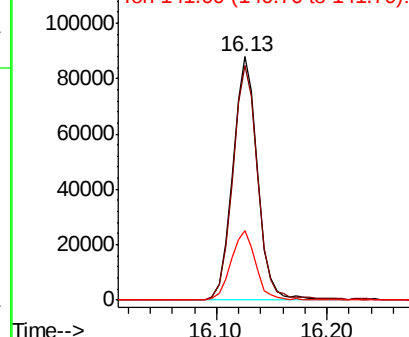


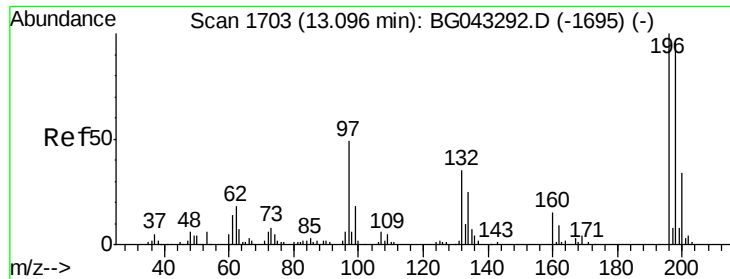
#42
2,4,6-Tribromophenol
Concen: 109.672 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion:330 Resp: 137990
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.0
141 28.5 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

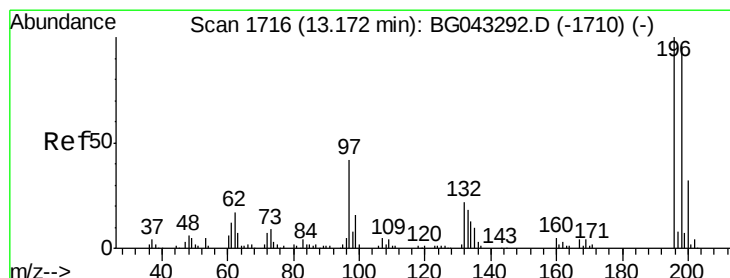
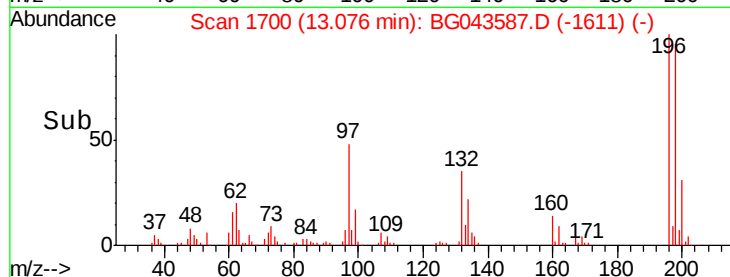
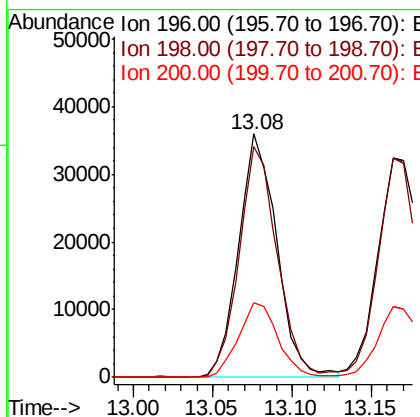
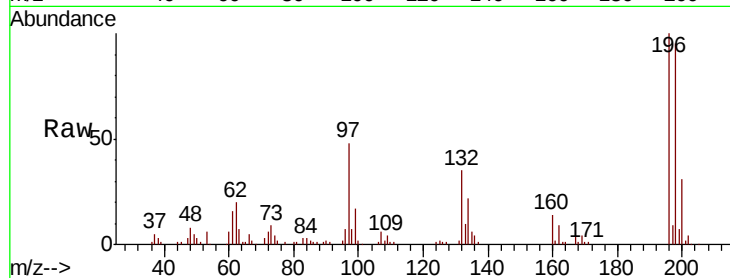




#43
 2,4,6-Trichlorophenol
 Concen: 41.914 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

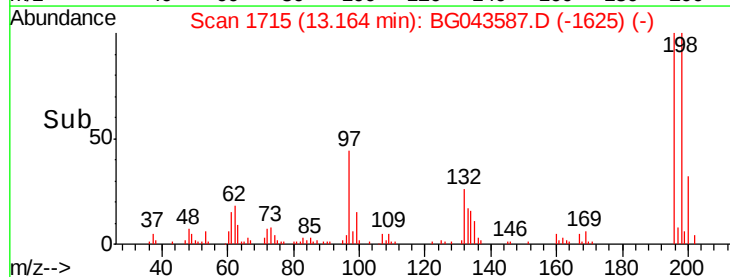
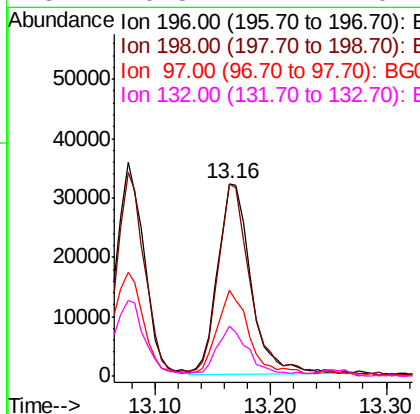
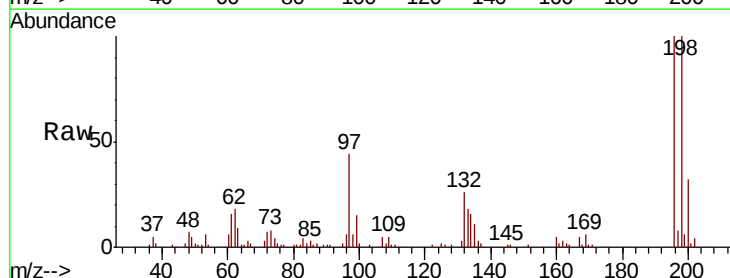
Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

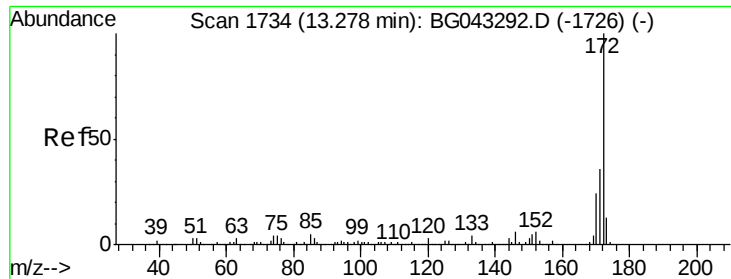
Tot Ion:196 Resp: 60398
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.8 113.6
 200 30.9 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 44.087 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

Tgt Ion:196 Resp: 64227
 Ion Ratio Lower Upper
 196 100
 198 99.8 74.5 111.7
 97 44.3 36.3 54.5
 132 26.3 17.4 26.2#

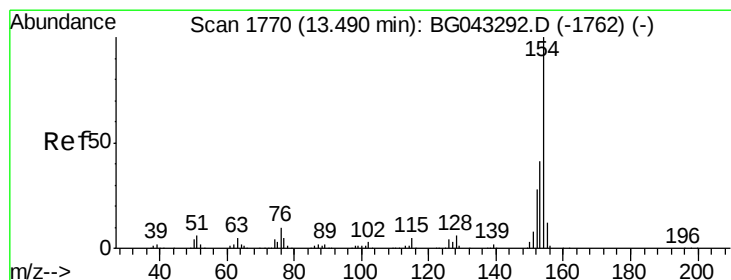
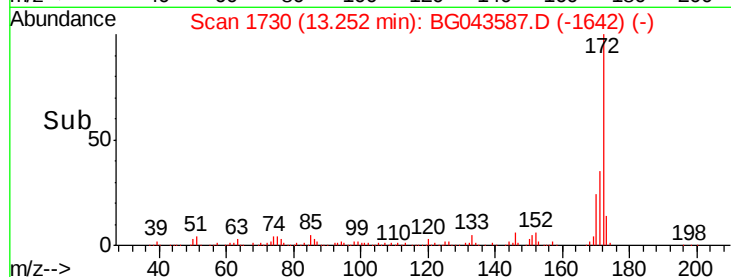
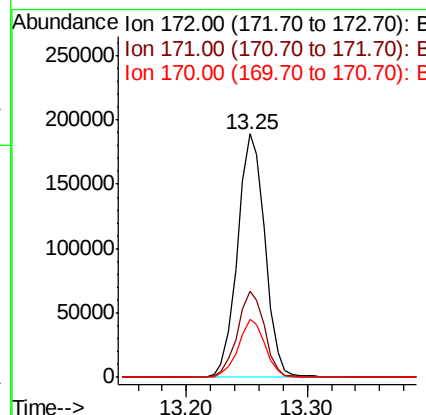
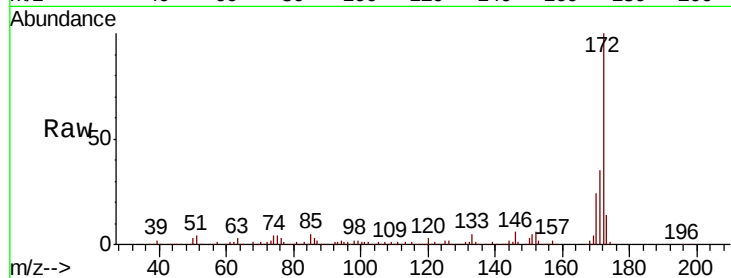




#45
2-Fluorobiphenyl
Concen: 62.504 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

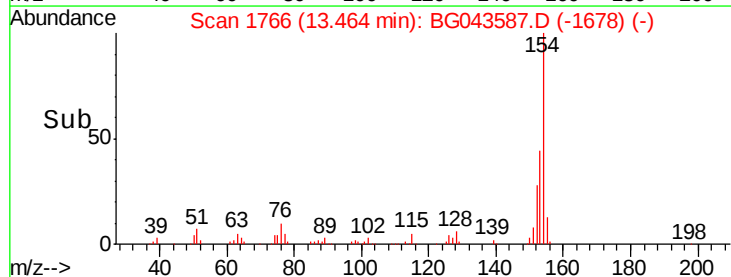
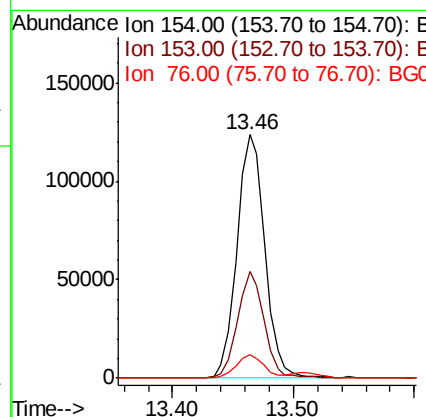
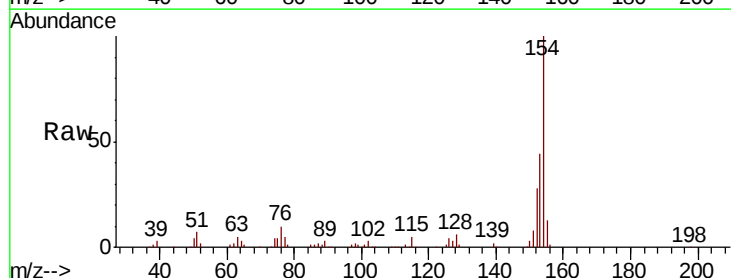
Instrument :
BNA_G
ClientSampleId :
PB124597BS

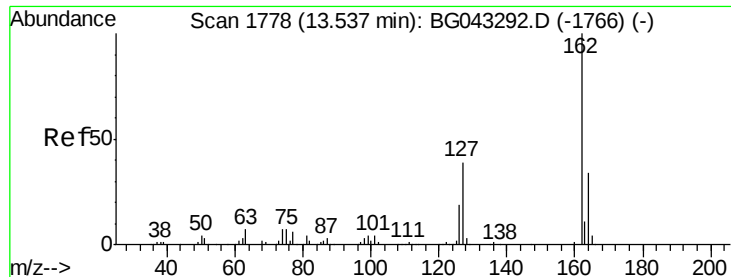
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.7	18.5	27.7



#46
1,1'-Biphenyl
Concen: 39.477 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.9	19.9	59.9
76	9.6	0.0	29.4

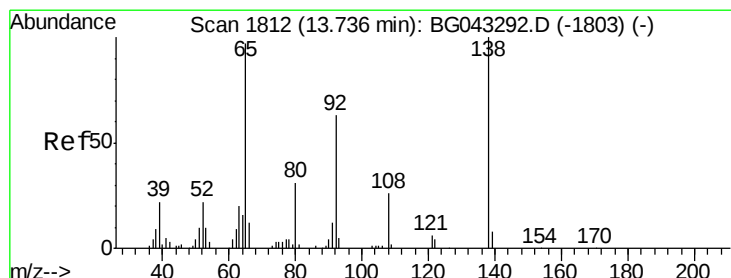
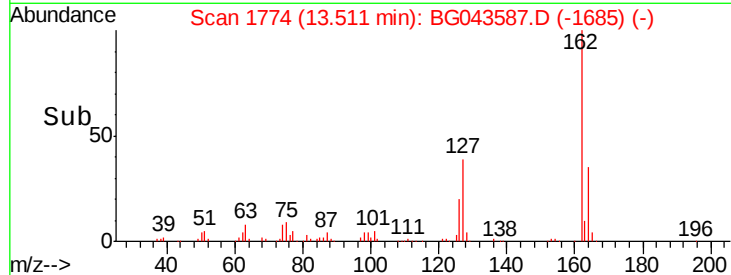
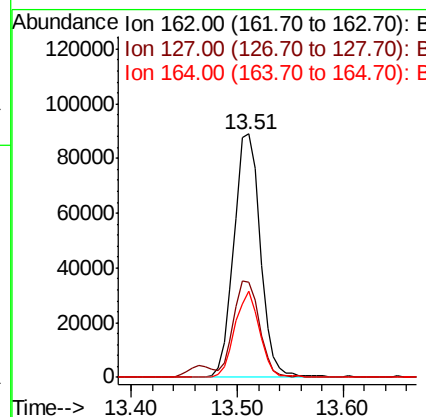
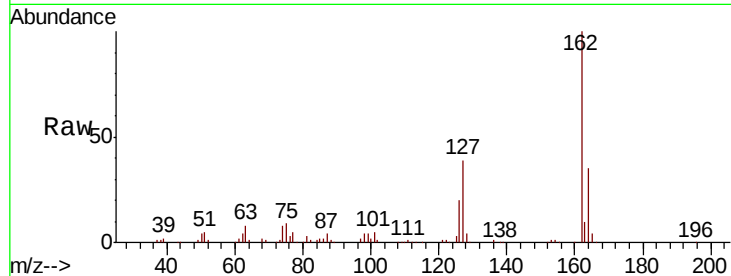




#47
 2-Chloronaphthalene
 Concen: 40.314 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

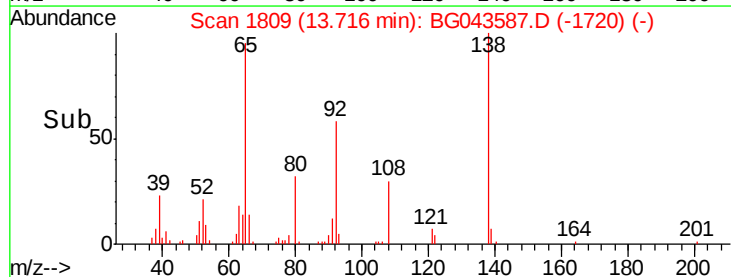
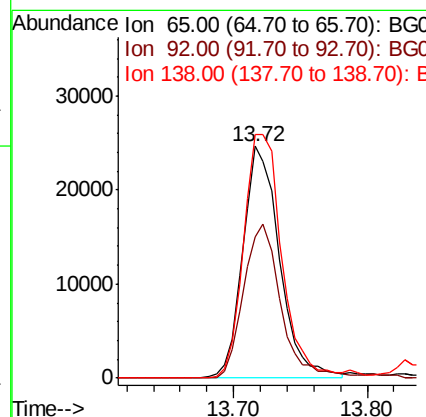
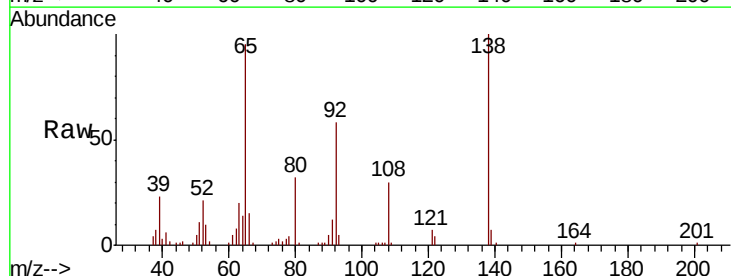
Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

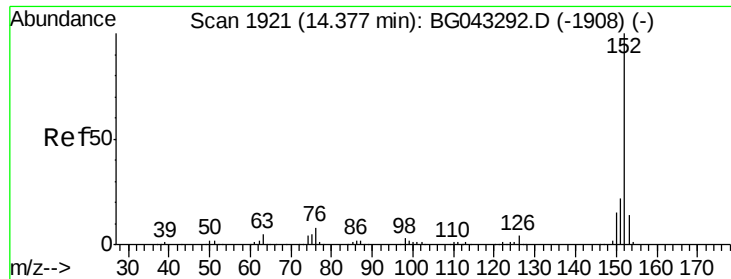
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.2	46.8
164	35.3	25.8	38.8



#48
 2-Nitroaniline
 Concen: 40.934 ng
 RT: 13.72 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.1	56.2	84.2
138	105.1	82.6	123.8





#49

Acenaphthylene

Concen: 43.204 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124597BS

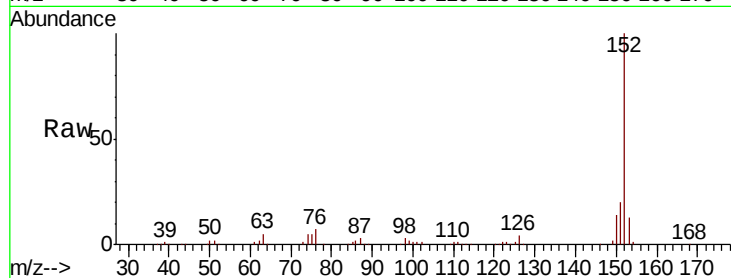
Tot Ion:152 Resp: 257331

Ion Ratio Lower Upper

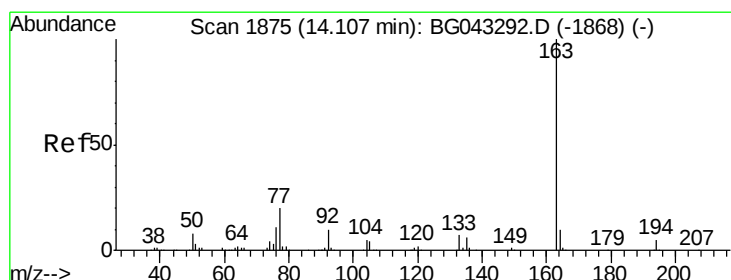
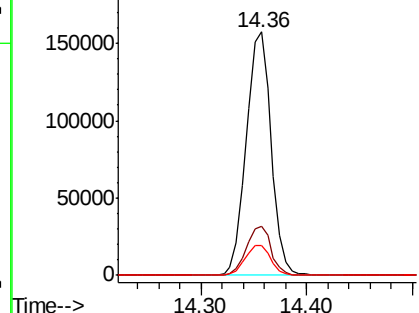
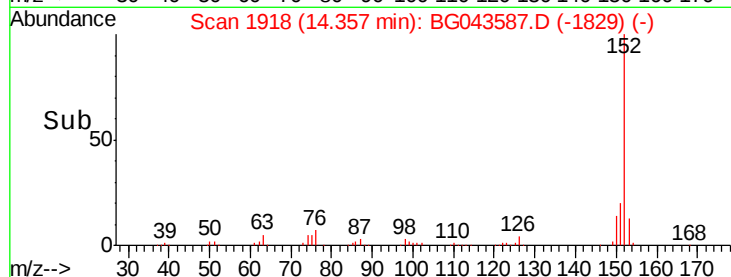
152 100

151 20.0 16.2 24.4

153 12.5 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: 41.471 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

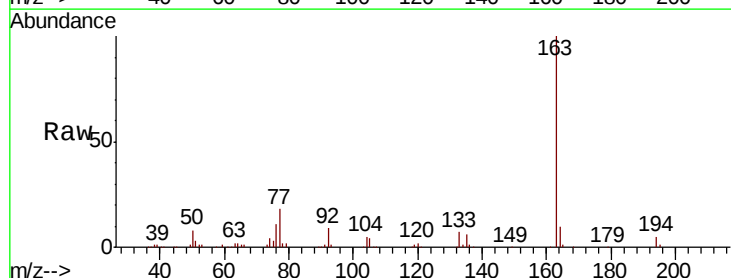
Tgt Ion:163 Resp: 212381

Ion Ratio Lower Upper

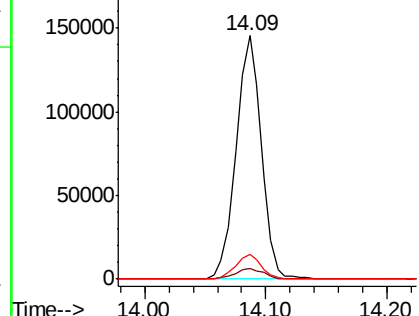
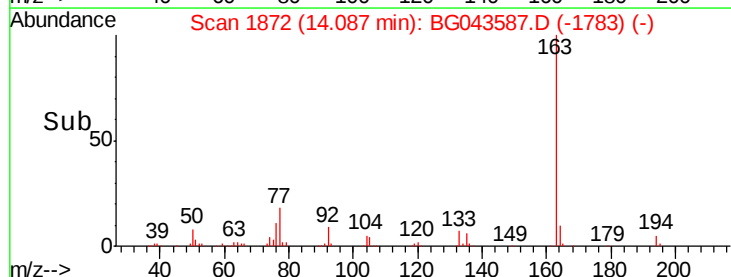
163 100

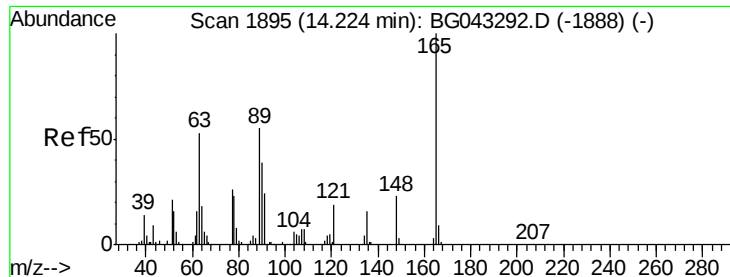
194 4.5 3.8 5.6

164 10.3 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: 42.368 ng

RT: 14.20 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124597BS

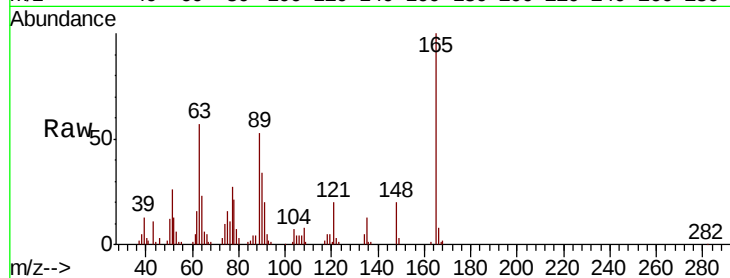
Tot Ion:165 Resp: 47138

Ion Ratio Lower Upper

165 100

63 57.4 46.6 69.8

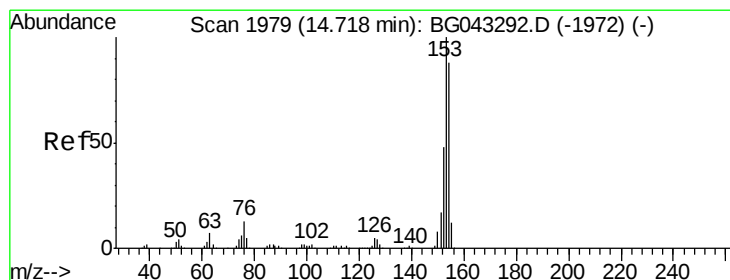
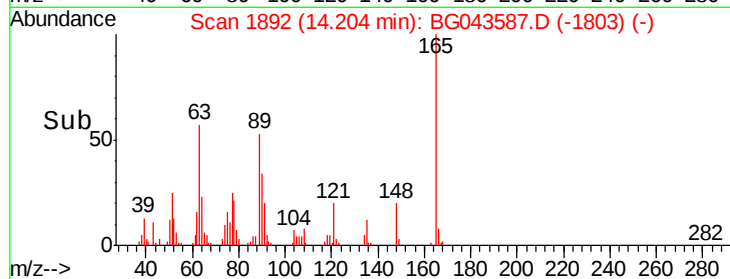
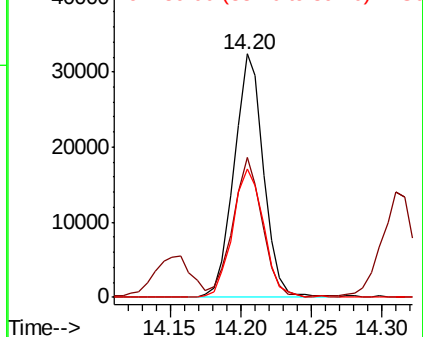
89 53.0 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 41.534 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

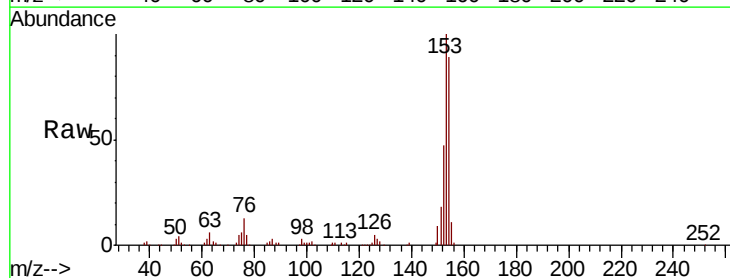
Tgt Ion:154 Resp: 150863

Ion Ratio Lower Upper

154 100

153 112.8 88.2 132.2

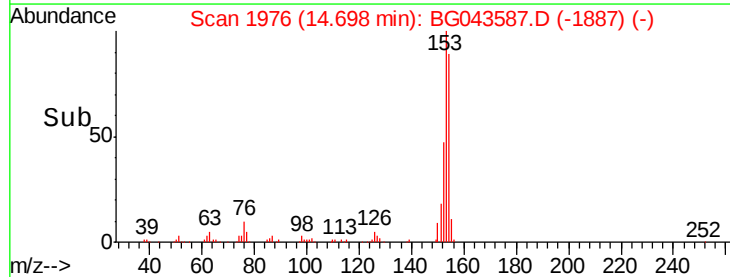
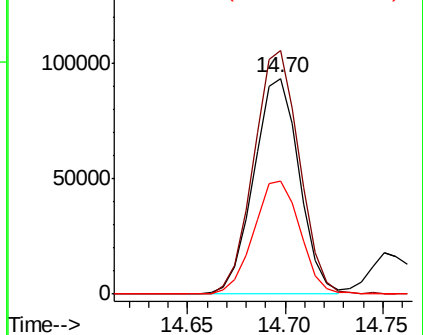
152 52.5 40.0 60.0

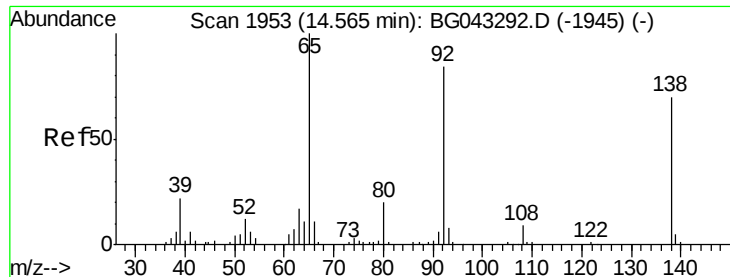


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.433 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124597BS

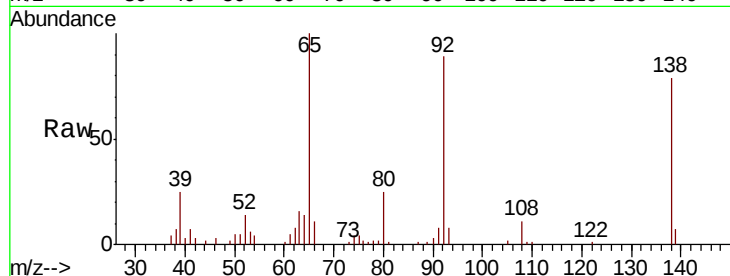
Tot Ion:138 Resp: 30542

Ion Ratio Lower Upper

138 100

108 14.0 8.0 12.0#

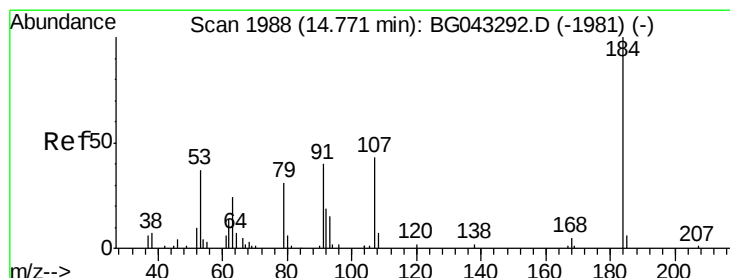
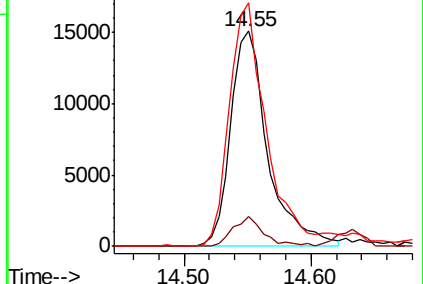
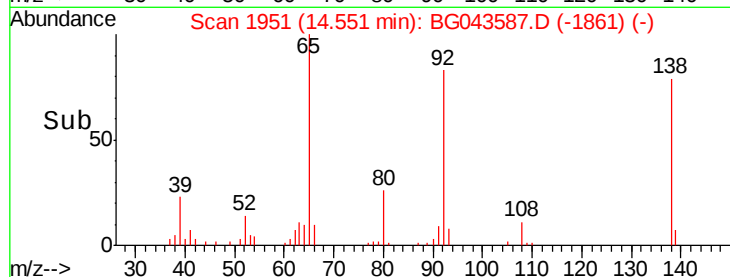
92 113.2 90.9 136.3



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: 71.425 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

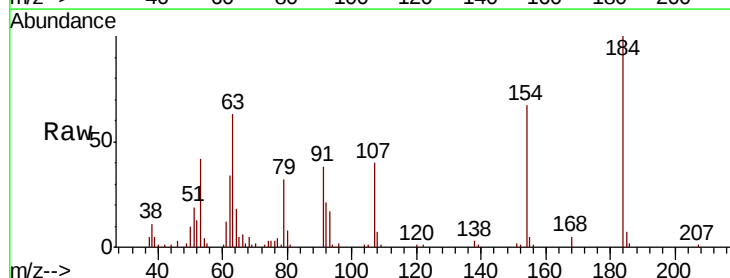
Tgt Ion:184 Resp: 49026

Ion Ratio Lower Upper

184 100

63 63.0 51.3 76.9

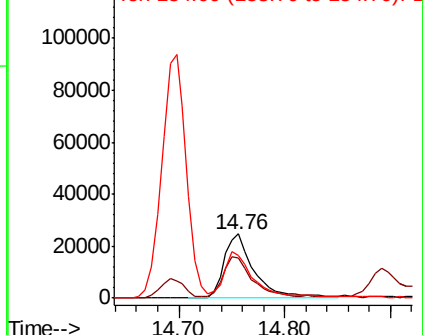
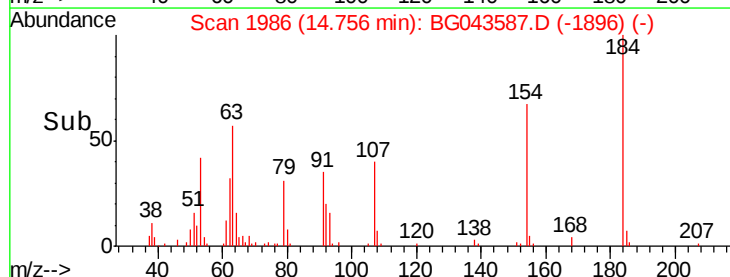
154 66.9 55.4 83.0

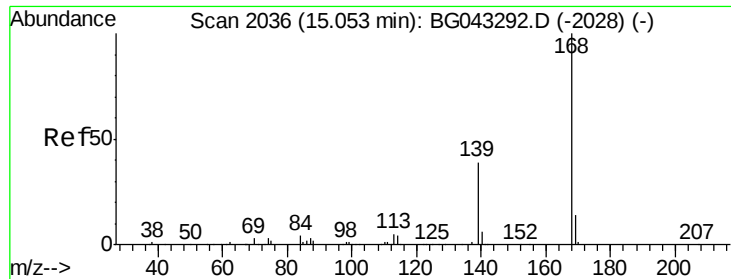


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

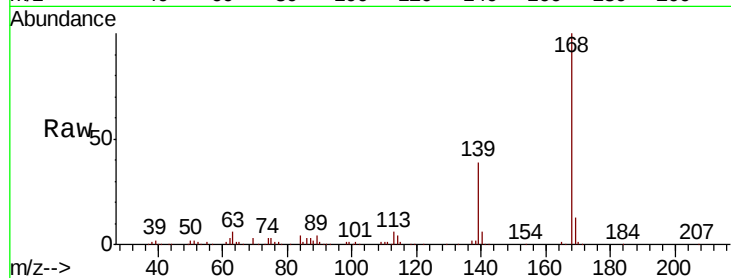




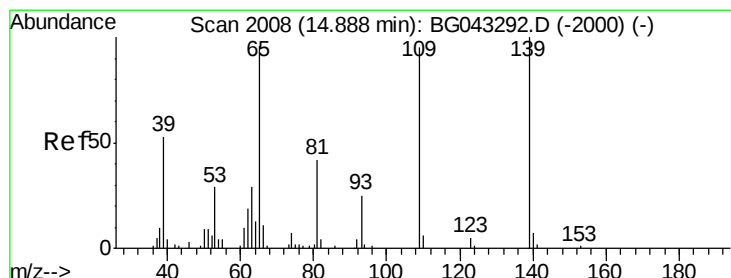
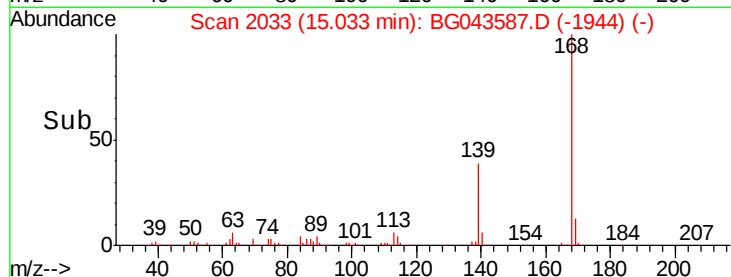
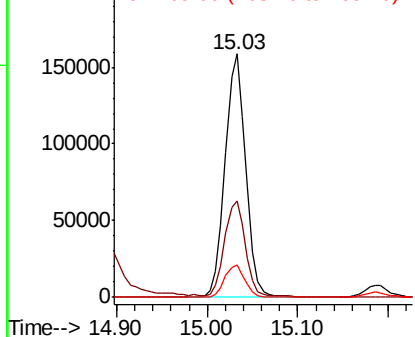
#55
Dibenzofuran
Concen: 42.417 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion:168 Resp: 249851
Ion Ratio Lower Upper
168 100
139 39.4 31.0 46.6
169 13.1 11.7 17.5

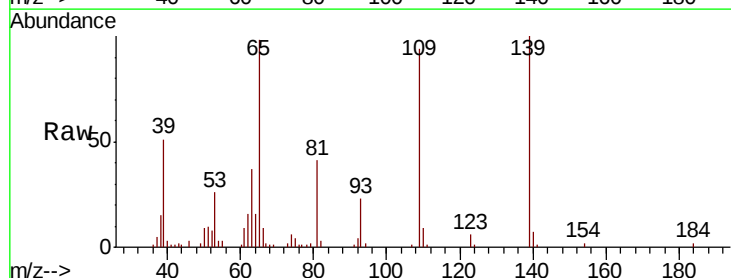


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

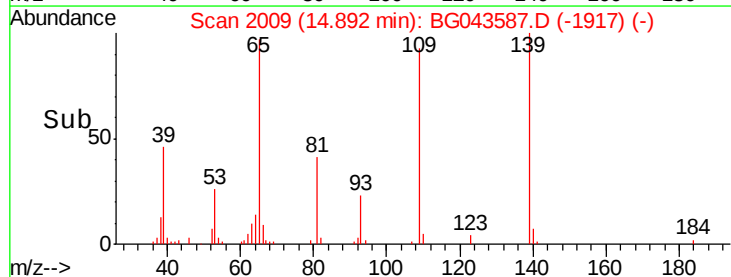
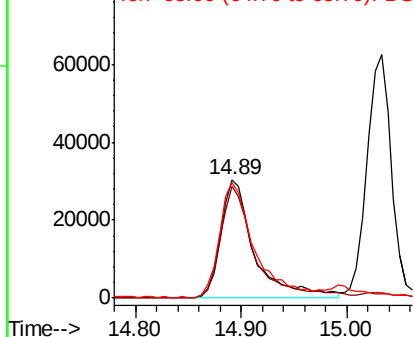


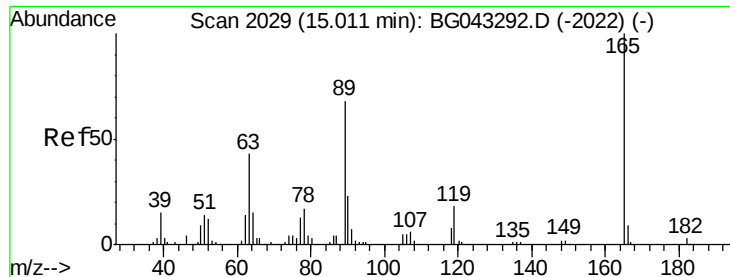
#56
4-Nitrophenol
Concen: 93.445 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion:139 Resp: 67265
Ion Ratio Lower Upper
139 100
109 94.0 87.2 127.2
65 97.7 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

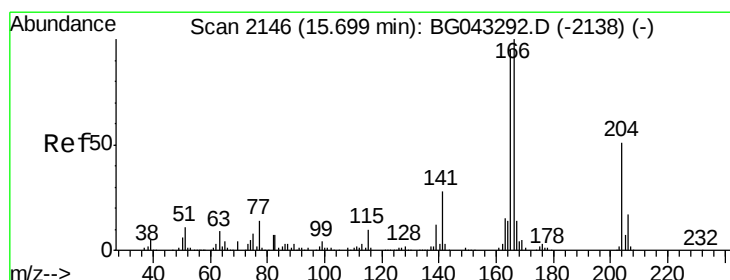
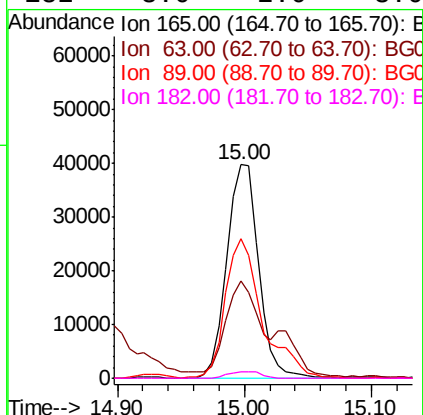
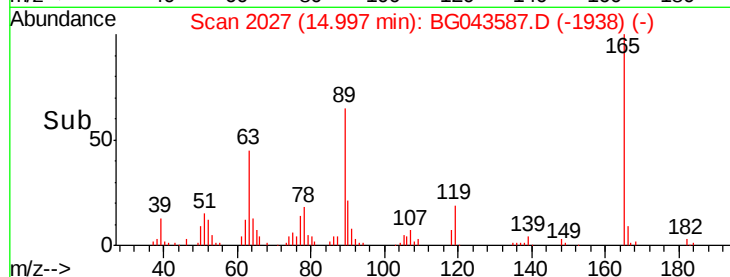
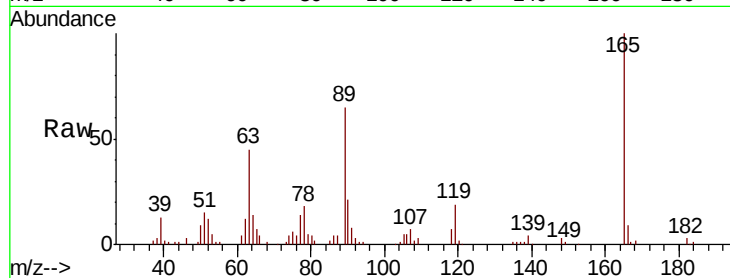




#57
2,4-Dinitrotoluene
Concen: 43.459 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

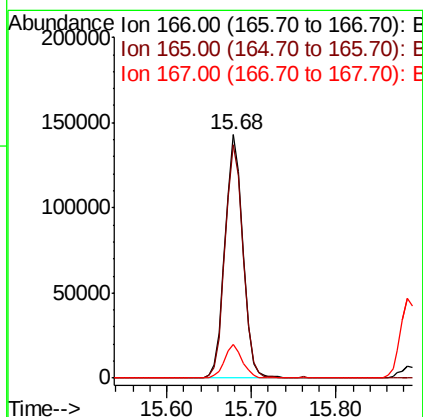
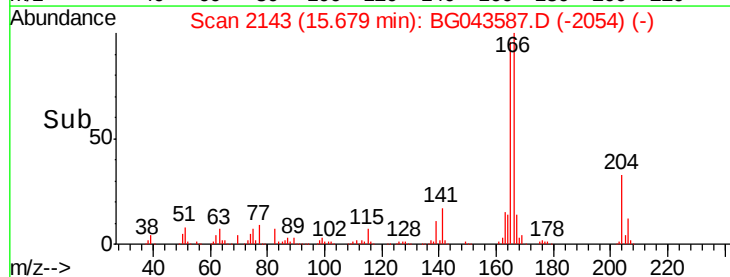
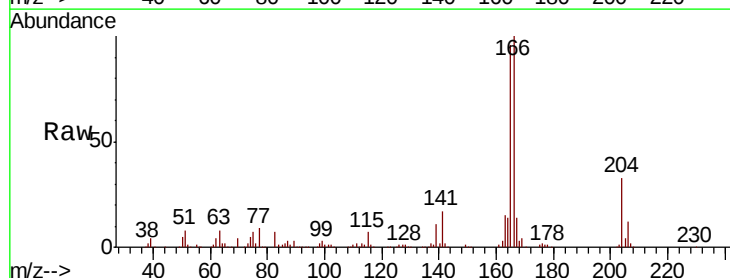
Instrument :
BNA_G
ClientSampleId :
PB124597BS

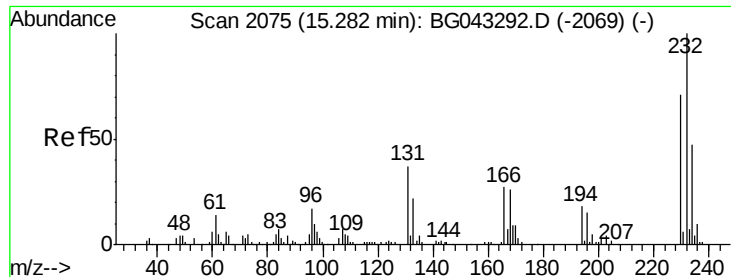
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.3	33.2	49.8
89	65.1	52.2	78.4
182	3.0	2.0	3.0



#58
Fluorene
Concen: 42.297 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.8	79.0	118.6
167	13.9	10.5	15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.759 ng

RT: 15.27 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124597BS

Tot Ion:232 Resp: 67731

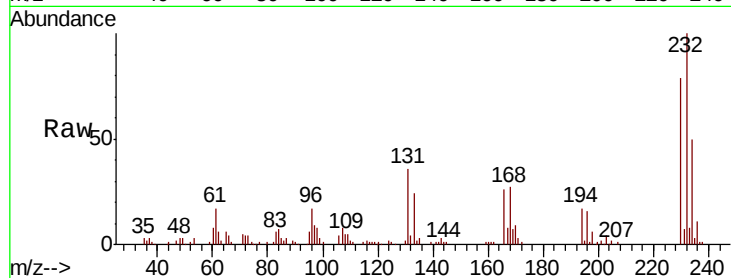
Ion Ratio Lower Upper

232 100

131 34.0 26.9 40.3

130 2.3 1.8 2.6

166 26.4 20.9 31.3

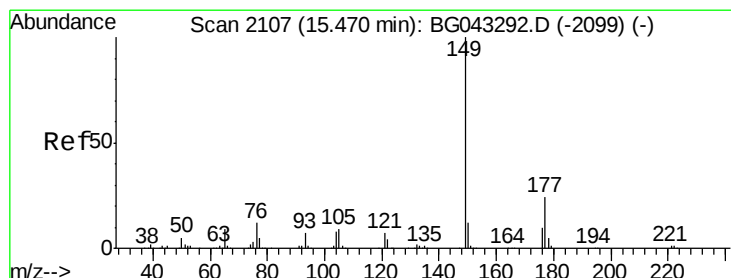
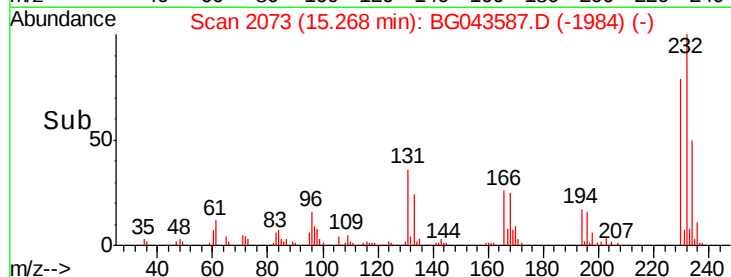
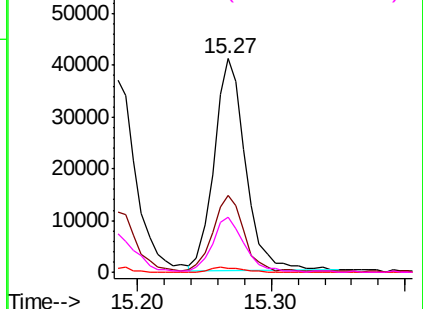


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.247 ng

RT: 15.44 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

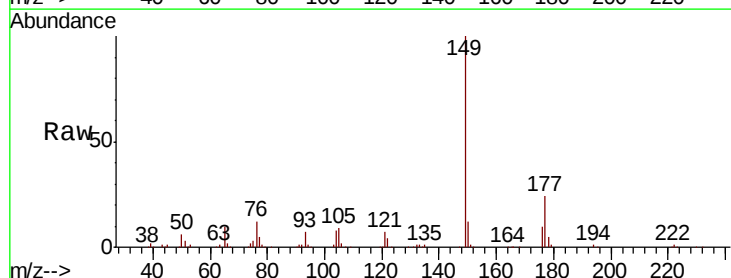
Tgt Ion:149 Resp: 212244

Ion Ratio Lower Upper

149 100

177 24.3 19.6 29.4

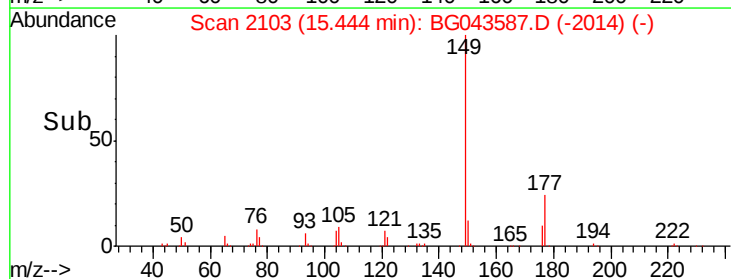
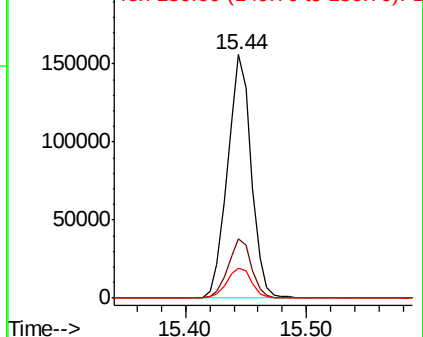
150 12.3 10.8 16.2

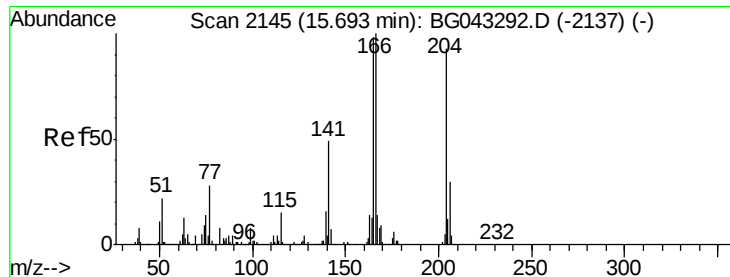


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

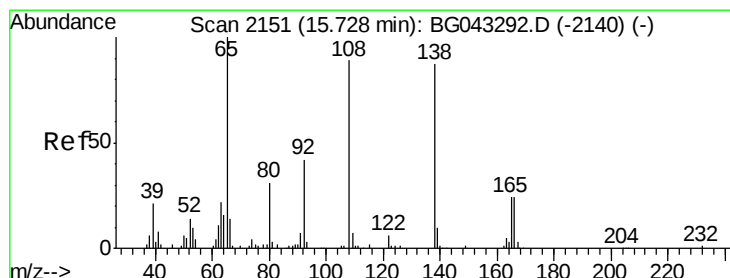
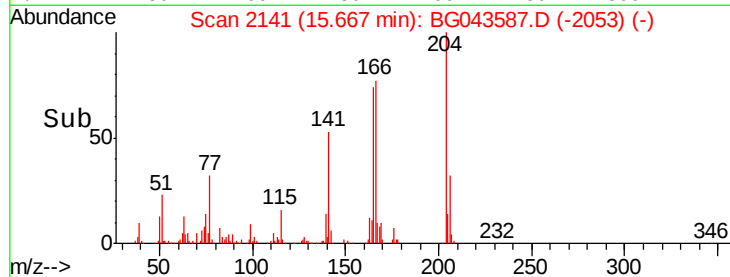
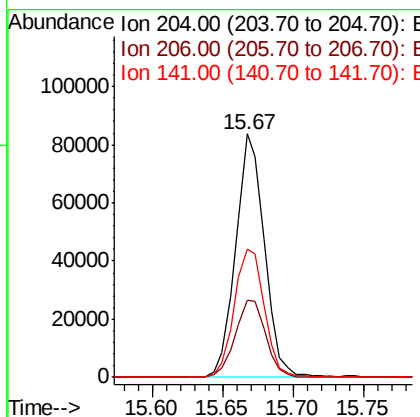
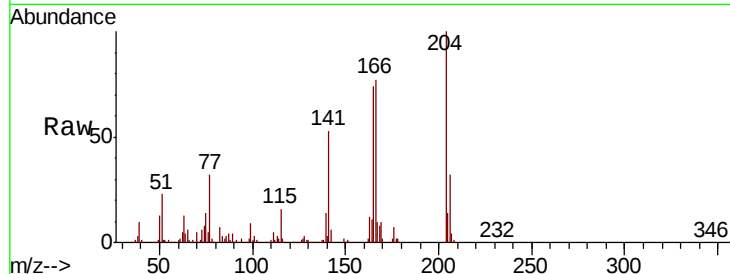




#61
 4-Chlorophenyl-phenylether
 Concen: 41.081 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

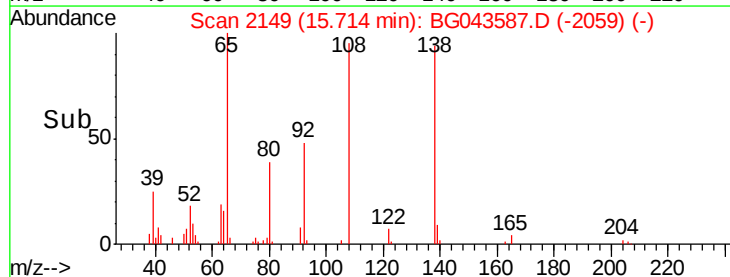
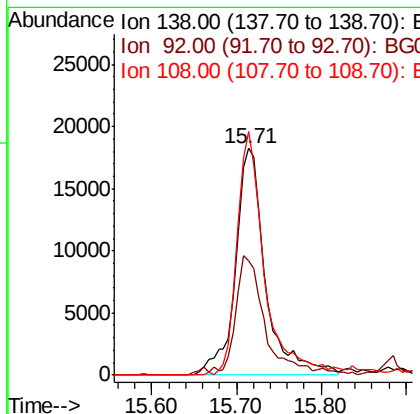
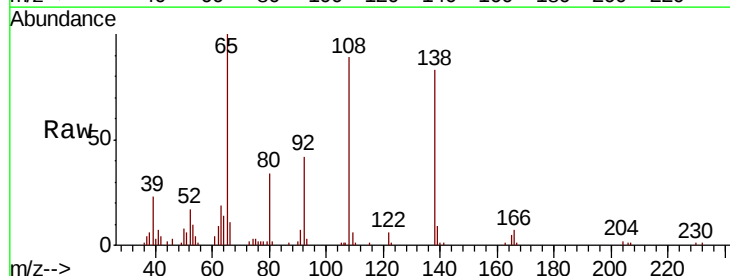
Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.8	28.4	42.6
141	52.9	43.0	64.6



#62
 4-Nitroaniline
 Concen: 40.474 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.8	33.4	73.4
108	107.6	78.0	118.0

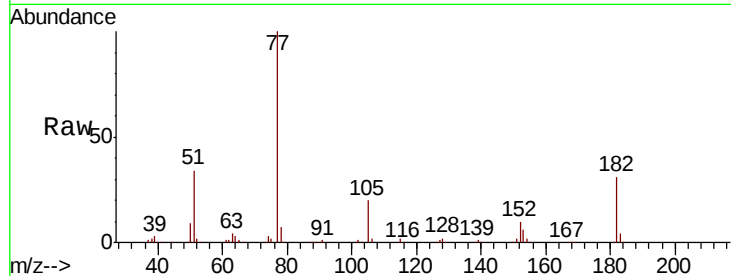




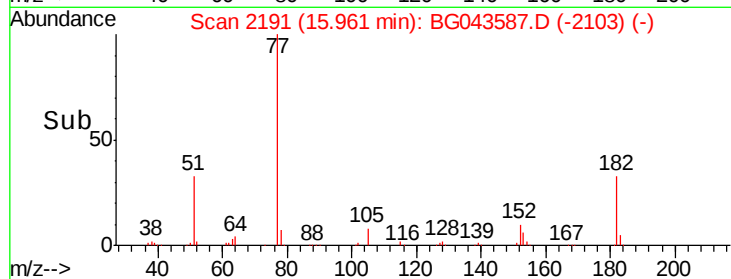
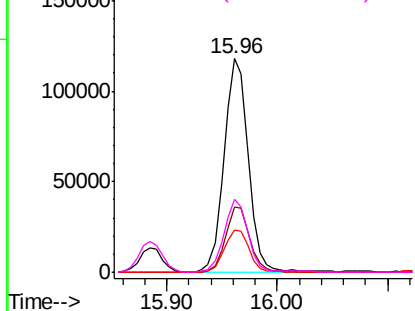
#63
Azobenzene
Concen: 43.274 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion:	77	Resp:	180216
Ion	Ratio	Lower	Upper
77	100		
182	30.7	13.7	53.7
105	20.0	0.4	40.4
51	34.2	11.0	51.0

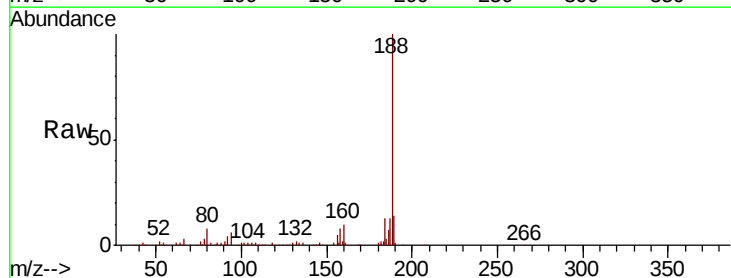


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

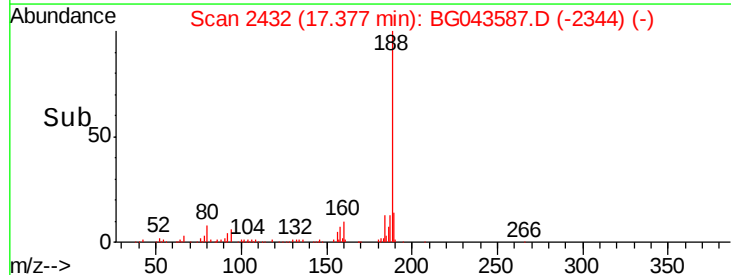
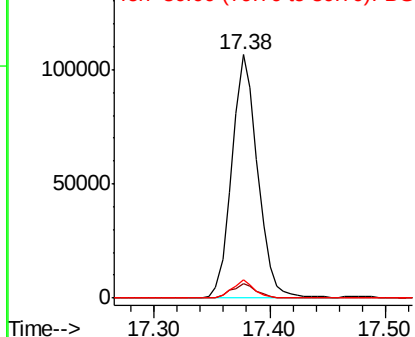


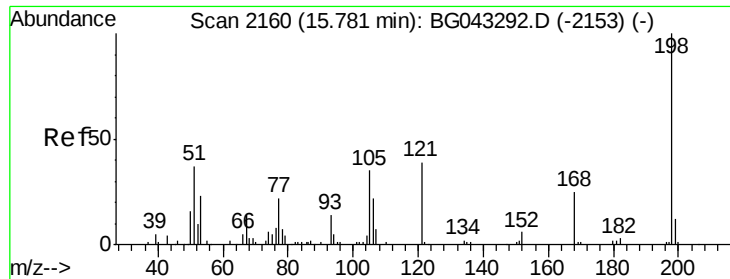
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion:	188	Resp:	165737
Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.2	6.4
80	7.6	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: 41.797 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124597BS

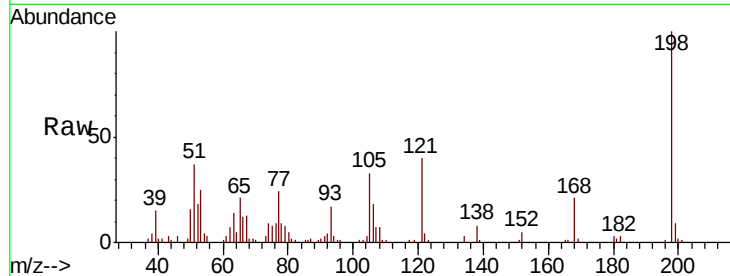
Tot Ion:198 Resp: 40767

Ion Ratio Lower Upper

198 100

51 37.0 13.2 53.2

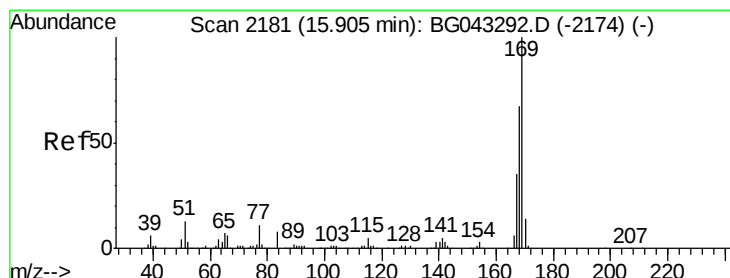
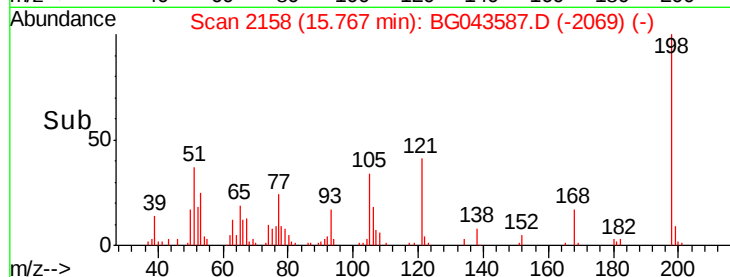
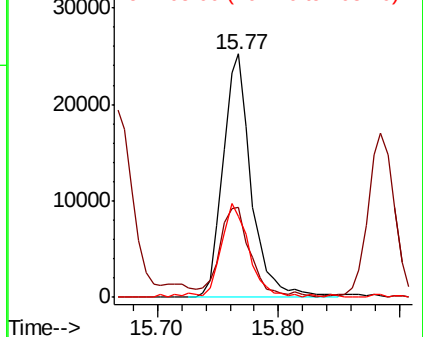
105 33.5 15.8 55.8



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: 40.311 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

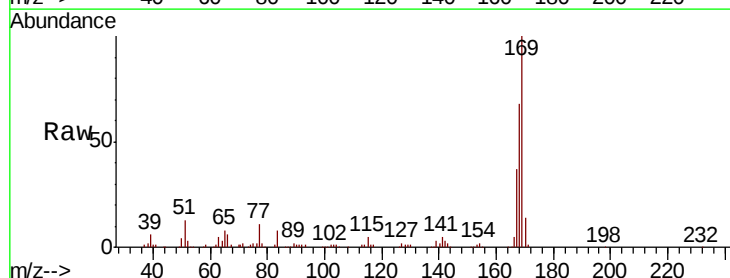
Tgt Ion:169 Resp: 188622

Ion Ratio Lower Upper

169 100

168 68.0 53.8 80.6

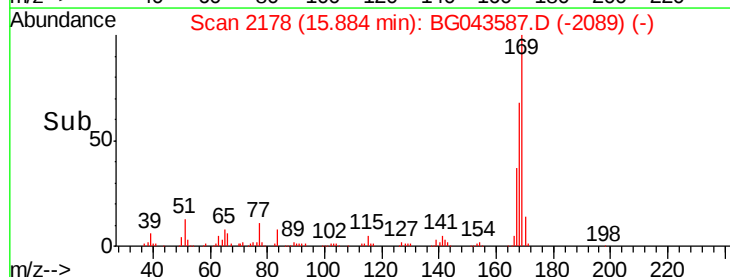
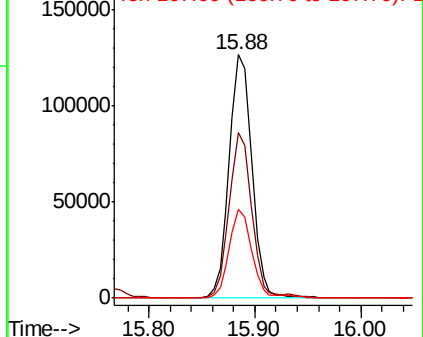
167 36.7 27.5 41.3



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

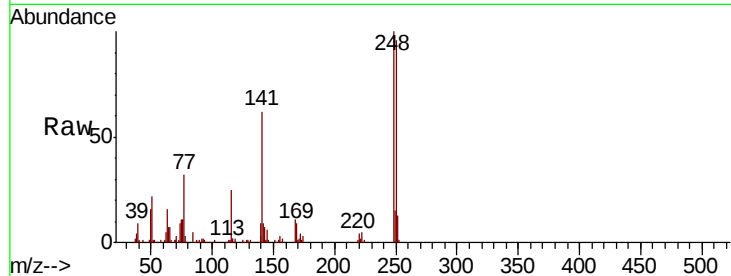




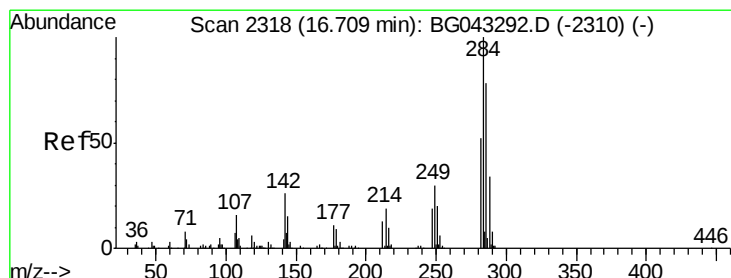
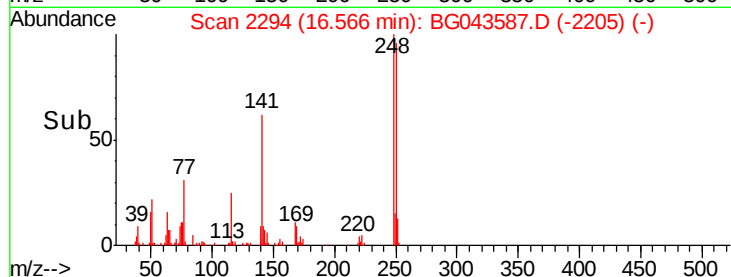
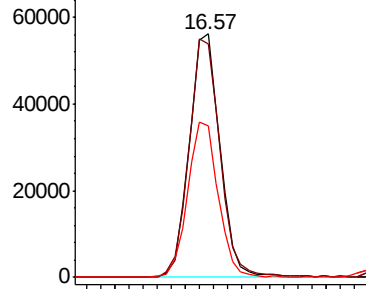
#67
4-Bromophenyl-phenylether
Concen: 38.031 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion:248 Resp: 84827
Ion Ratio Lower Upper
248 100
250 96.0 77.0 115.4
141 62.2 47.5 71.3

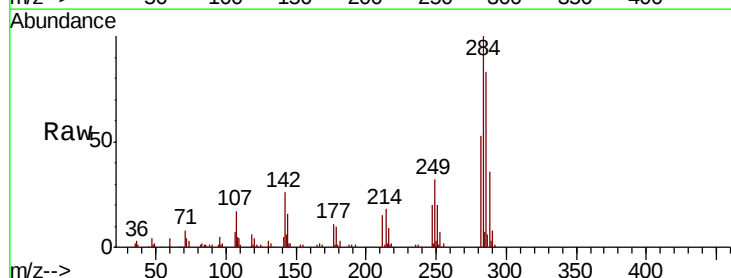


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

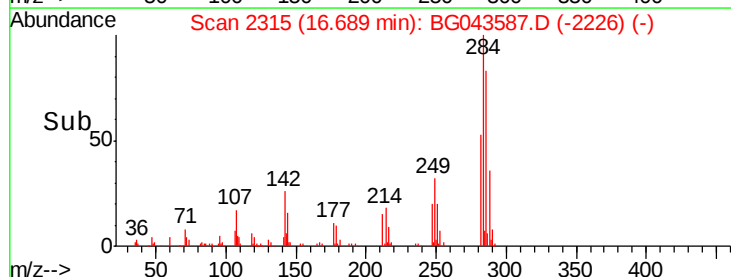
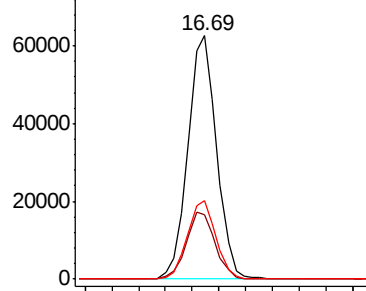


#68
Hexachlorobenzene
Concen: 36.663 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion:284 Resp: 93868
Ion Ratio Lower Upper
284 100
142 26.5 19.8 29.8
249 32.1 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

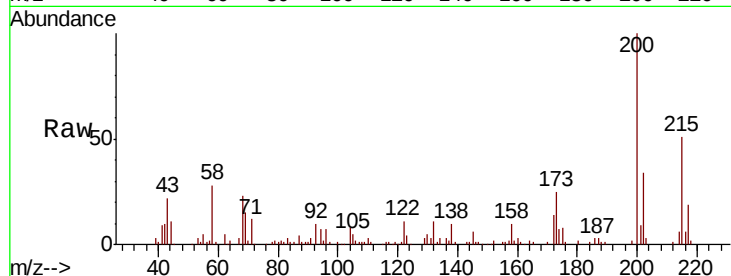




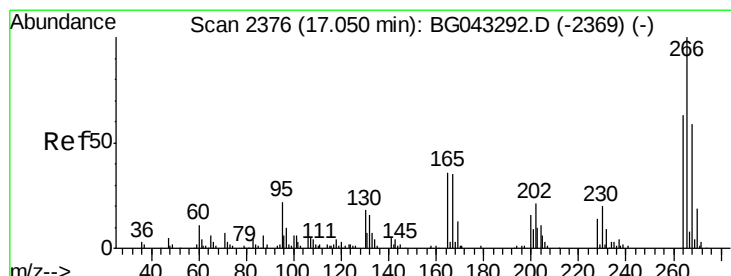
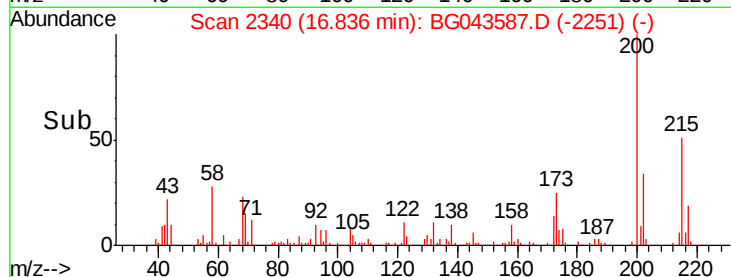
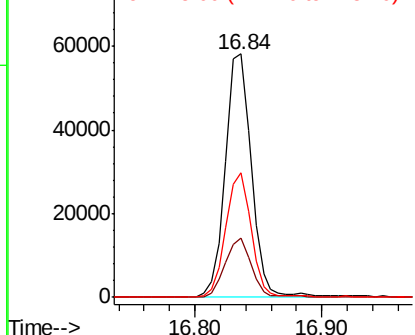
#69
 Atrazine
 Concen: 51.107 ng
 RT: 16.84 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.5	4.7	44.7
215	51.1	28.5	68.5

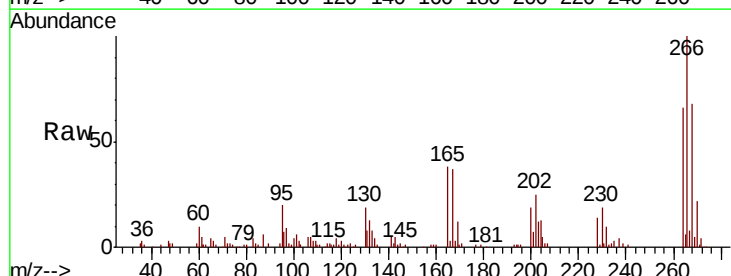


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

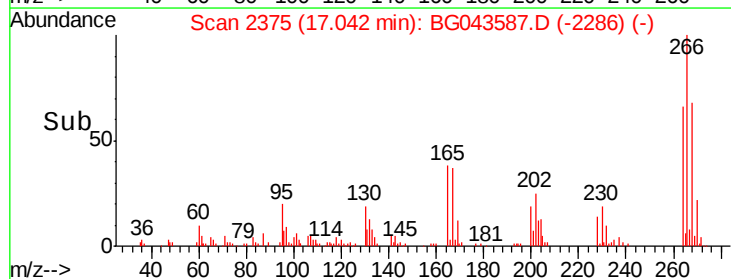
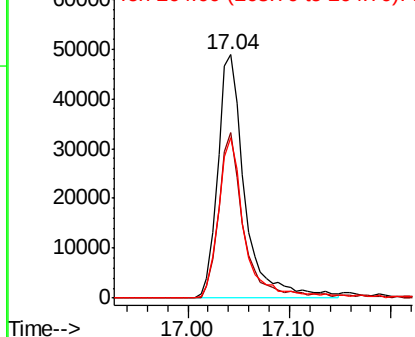


#70
 Pentachlorophenol
 Concen: 77.688 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.0	50.4	75.6
264	65.8	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

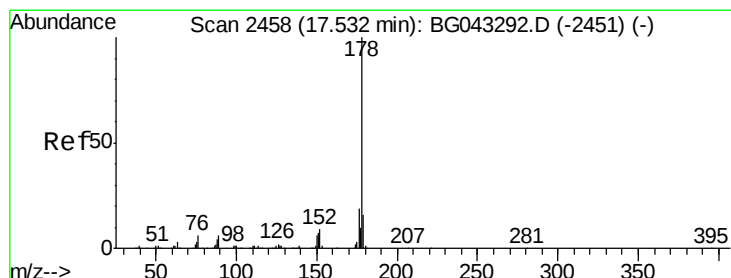
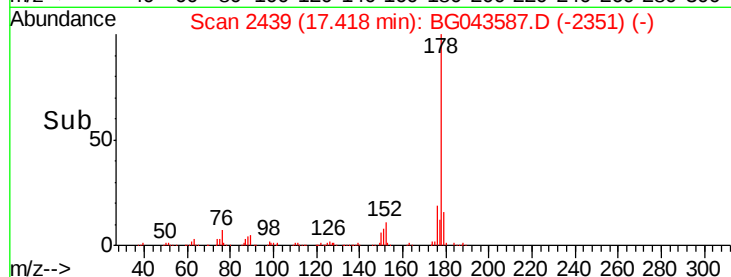
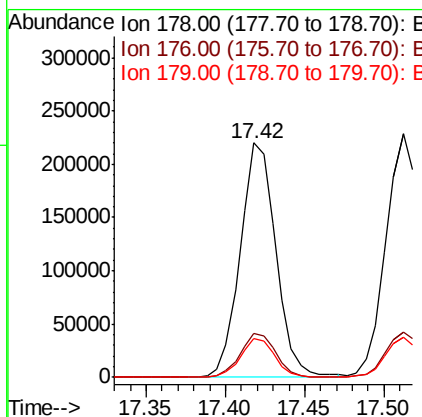
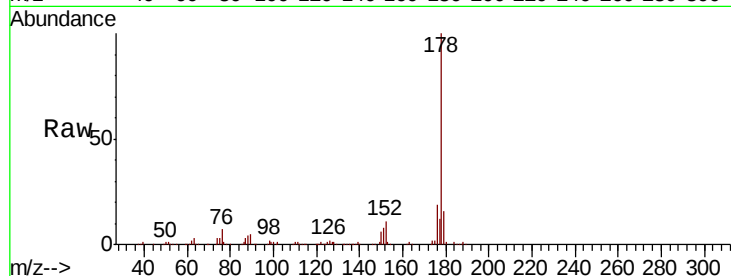




#71
Phenanthrene
Concen: 40.470 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

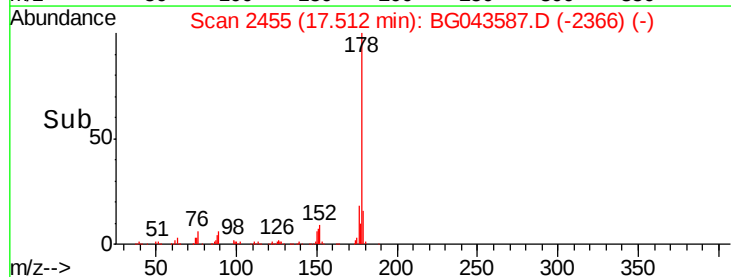
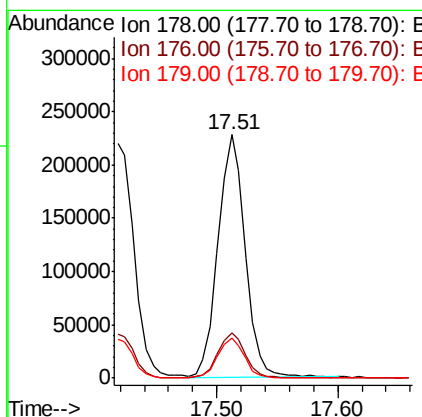
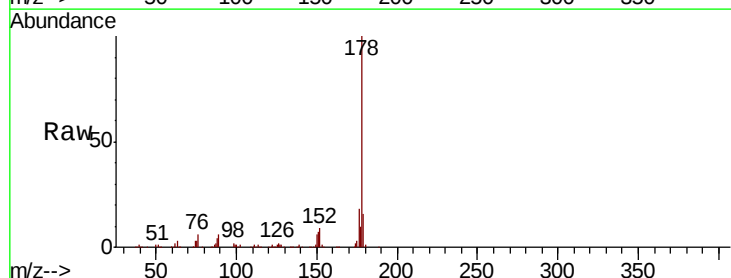
Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion:178 Resp: 343471
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 16.4 13.0 19.6



#72
Anthracene
Concen: 41.530 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion:178 Resp: 352650
Ion Ratio Lower Upper
178 100
176 18.4 15.5 23.3
179 16.3 13.7 20.5

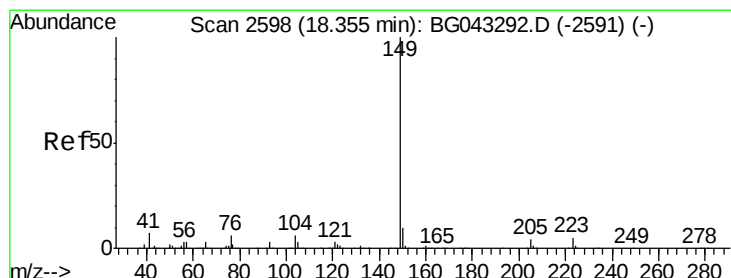
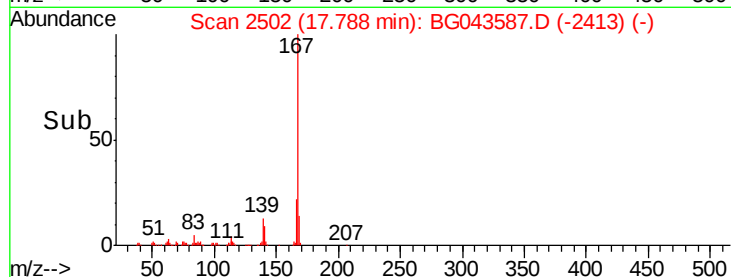
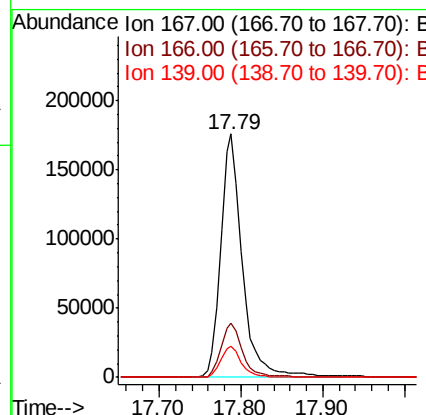
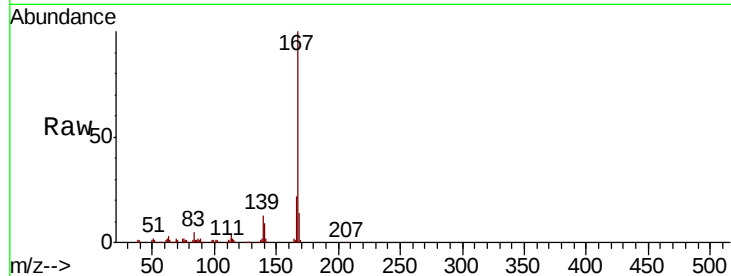




#73
 Carbazole
 Concen: 42.157 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

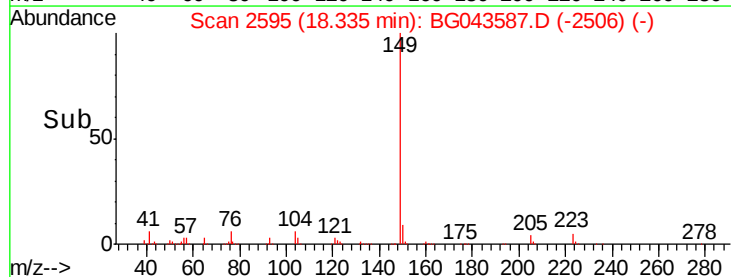
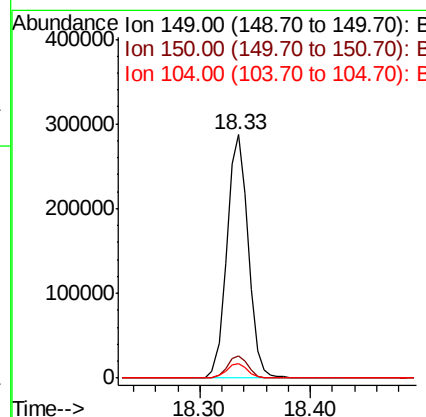
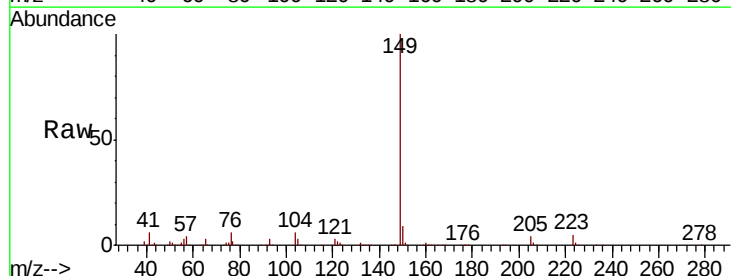
Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

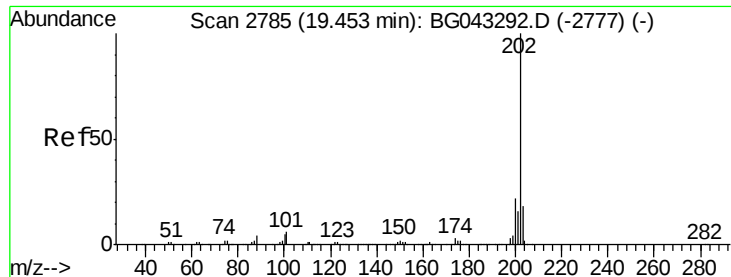
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.7	28.1
139	12.6	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 41.667 ng
 RT: 18.33 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.0	12.0
104	6.1	4.4	6.6





#75

Fluoranthene

Concen: 43.017 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

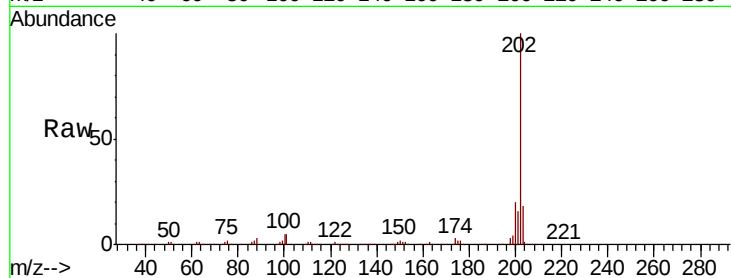
Instrument :

BNA_G

ClientSampleId :

PB124597BS

Tot Ion:	202	Resp:	475959
Ion	Ratio	Lower	Upper
202	100		
101	5.4	0.0	26.3
203	18.0	0.0	37.9

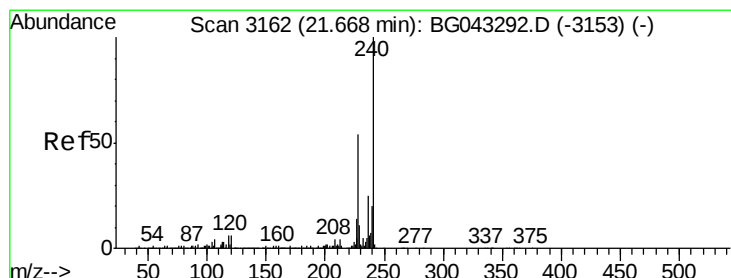
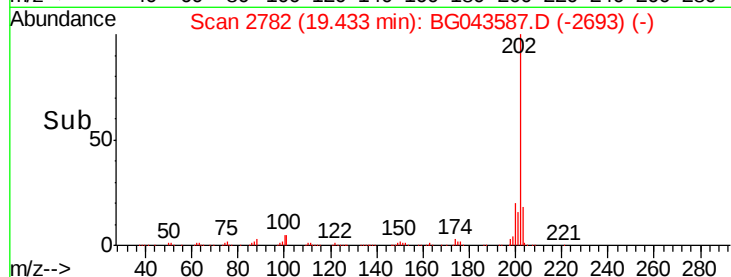
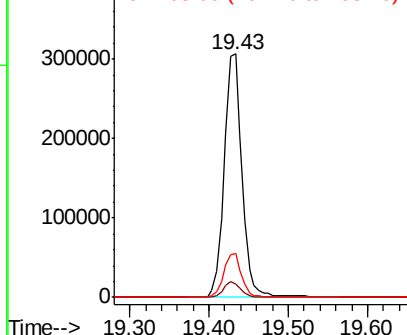


Abundance

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

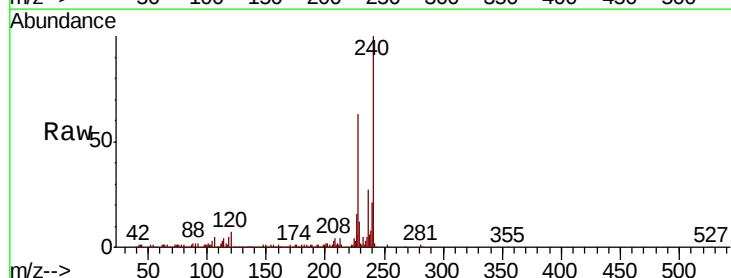
RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Tgt Ion:	240	Resp:	189448
Ion	Ratio	Lower	Upper
240	100		
120	6.7	4.6	6.8
236	26.5	19.8	29.8

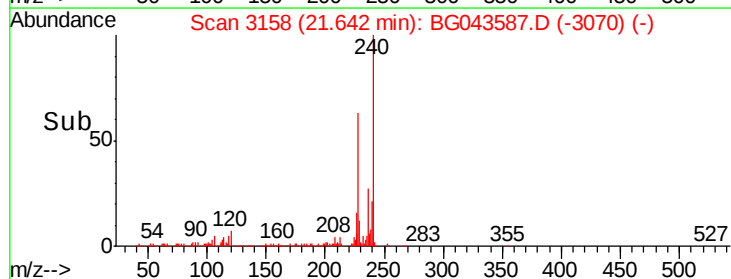
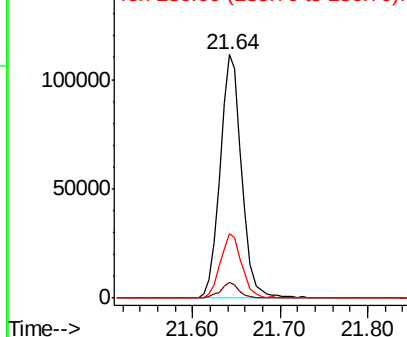


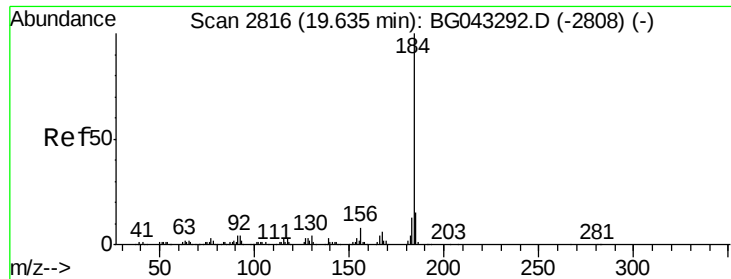
Abundance

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: 53.401 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124597BS

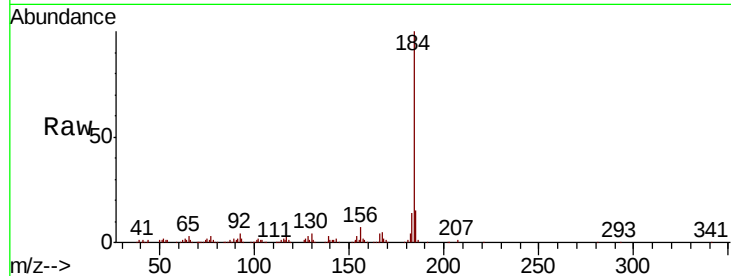
Tot Ion:184 Resp: 203602

Ion Ratio Lower Upper

184 100

185 15.0 11.0 16.4

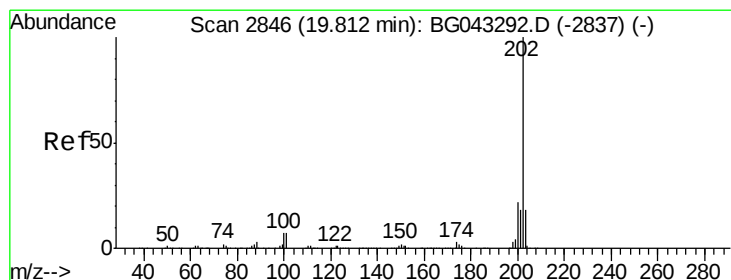
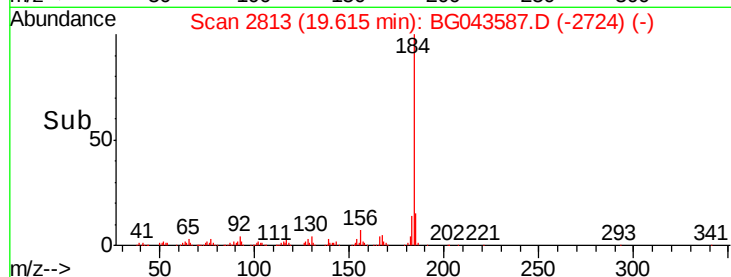
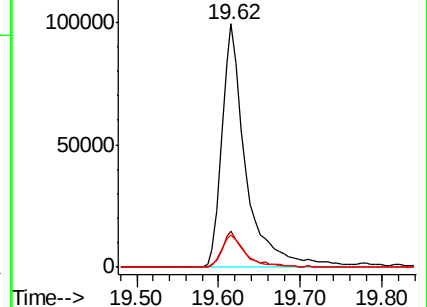
183 13.5 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.439 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

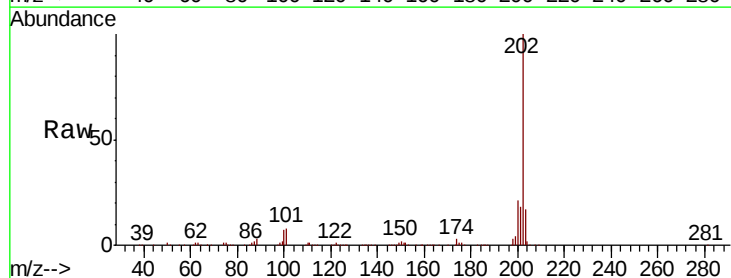
Tgt Ion:202 Resp: 485944

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

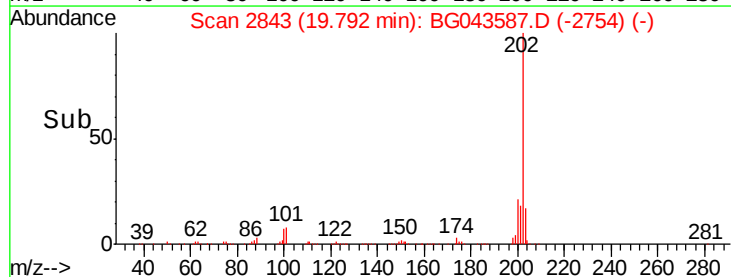
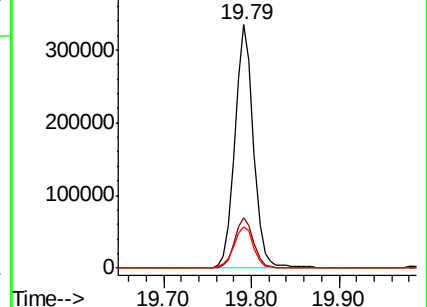
203 17.2 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.100 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124597BS

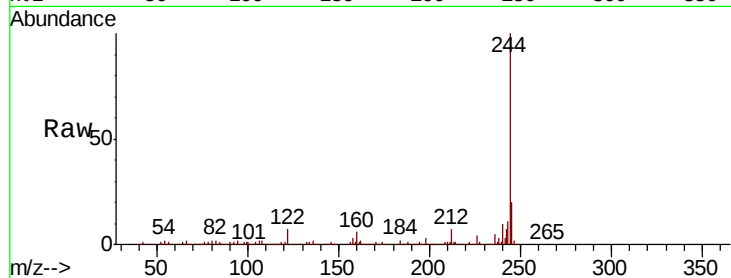
Tot Ion:244 Resp: 657396

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

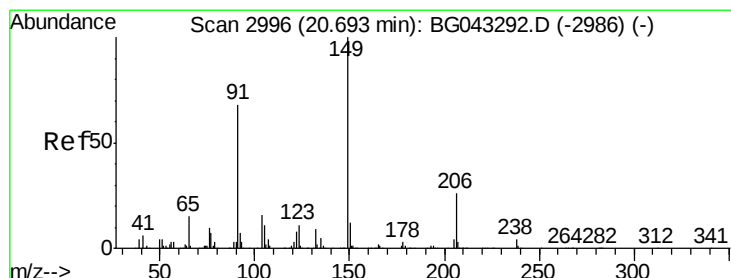
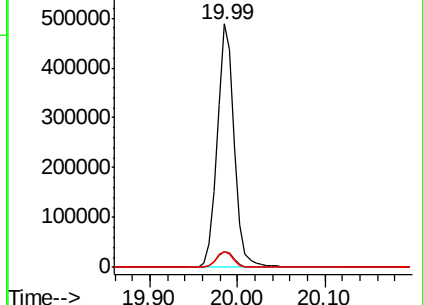
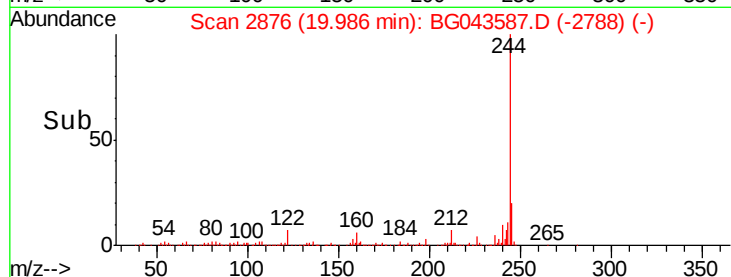
122 6.7 5.4 8.2



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: 40.988 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

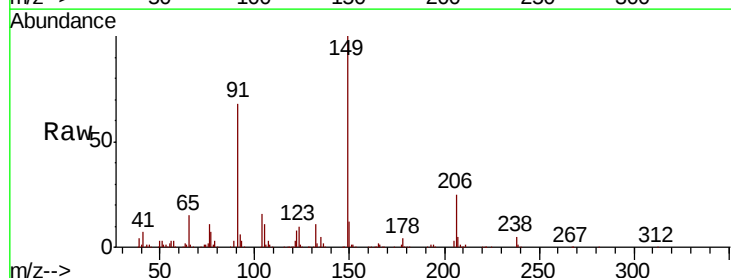
Tgt Ion:149 Resp: 182099

Ion Ratio Lower Upper

149 100

91 68.1 51.2 76.8

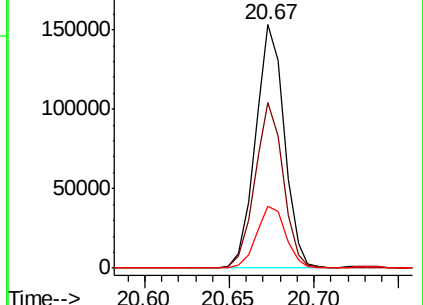
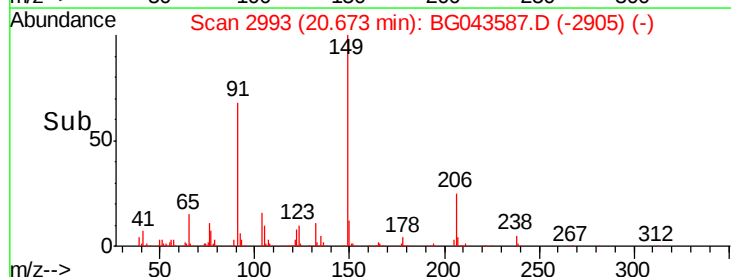
206 25.4 22.5 33.7

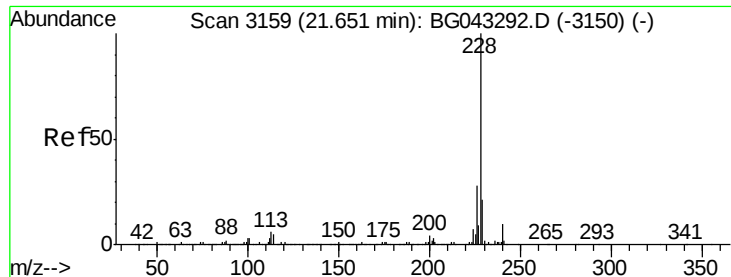


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

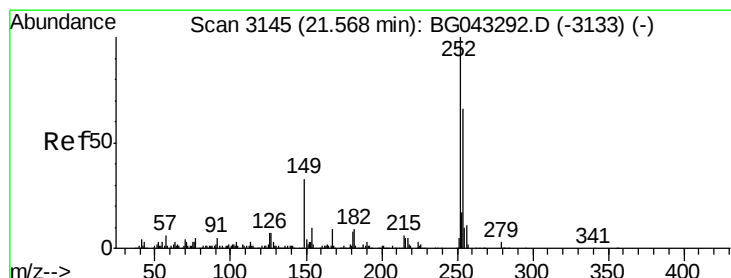
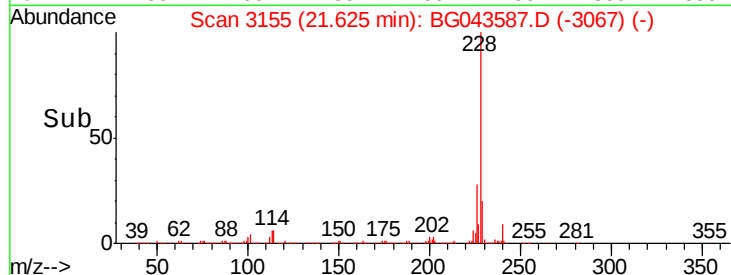
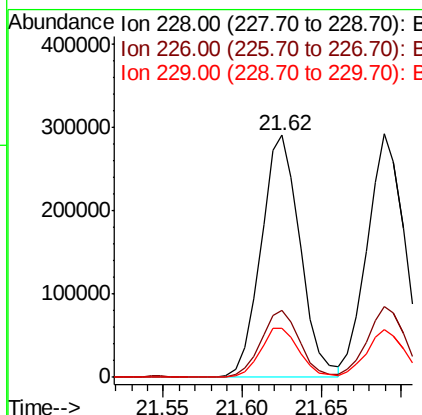
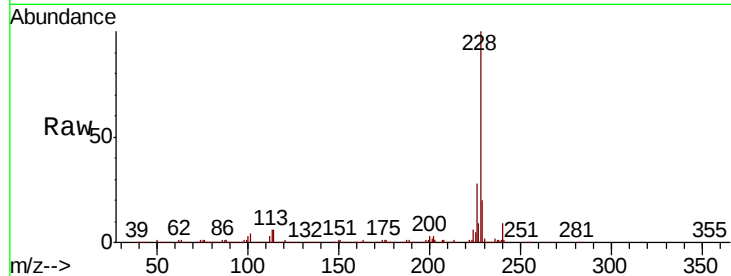




#81
Benzo(a)anthracene
Concen: 41.861 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

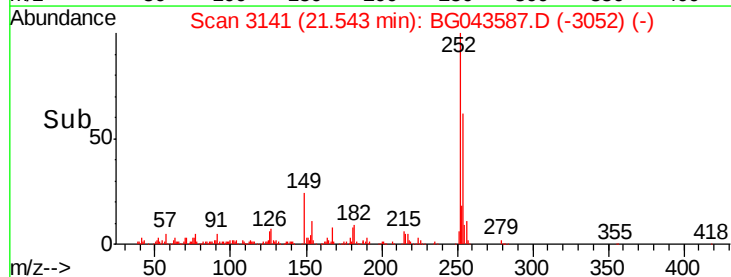
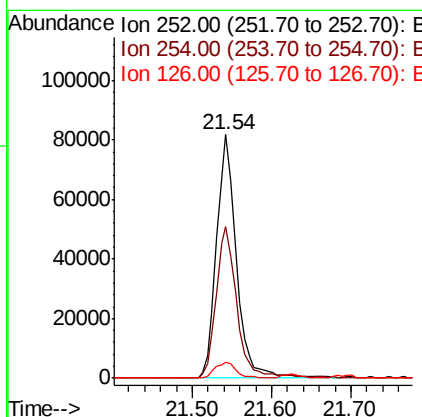
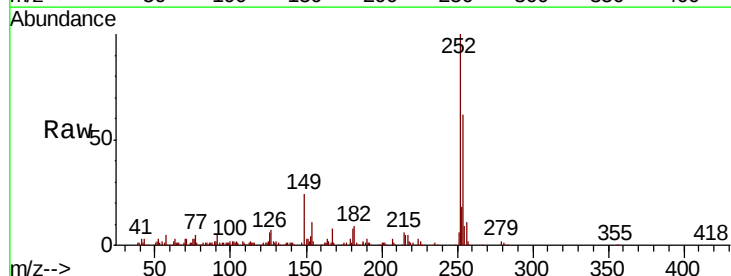
Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.2
229	20.3	17.0	25.4



#82
3,3'-Dichlorobenzidine
Concen: 31.049 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.4	50.8	76.2
126	6.4	6.1	9.1





#83

Chrysene

Concen: 41.261 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

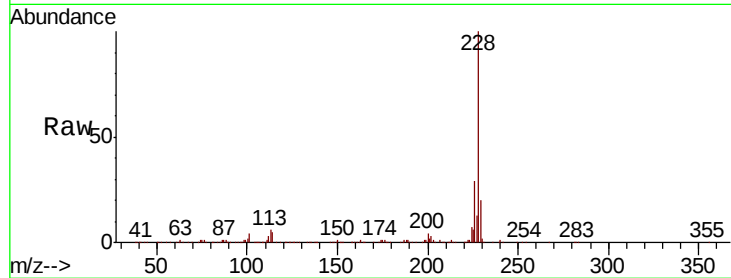
BNA_G

ClientSampleId :

PB124597BS

Tot Ion:228 Resp: 486500

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.1	37.7
229	19.9	17.0	25.4

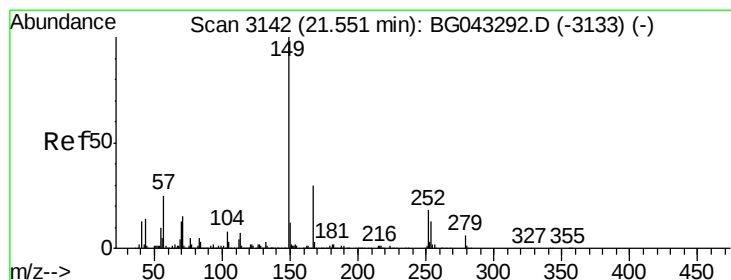
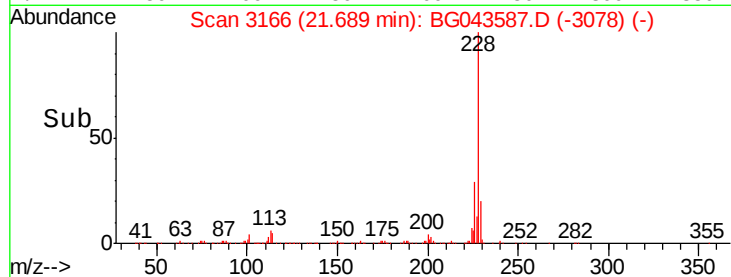
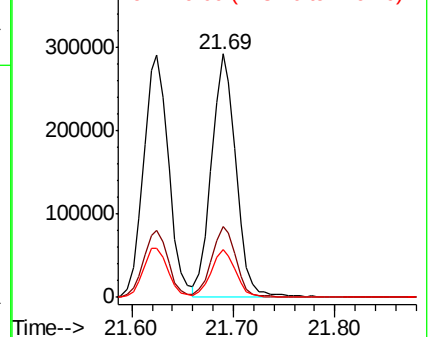


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.805 ng

RT: 21.52 min Scan# 3138

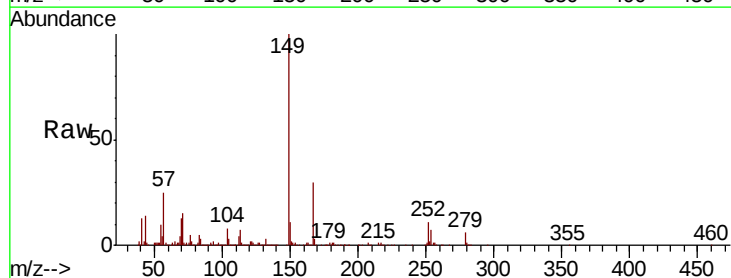
Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Tgt Ion:149 Resp: 263831

Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.0	36.0
279	6.2	5.4	8.2

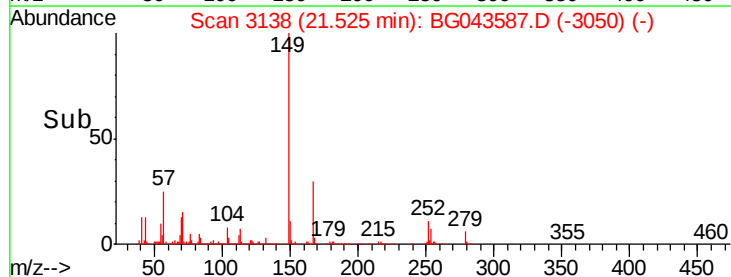
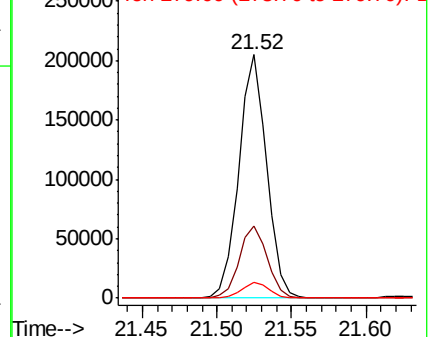


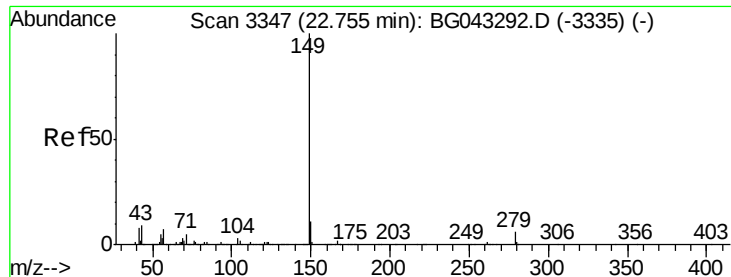
Abundance

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: 42.485 ng

RT: 22.72 min Scan# 3341

Delta R.T. -0.02 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124597BS

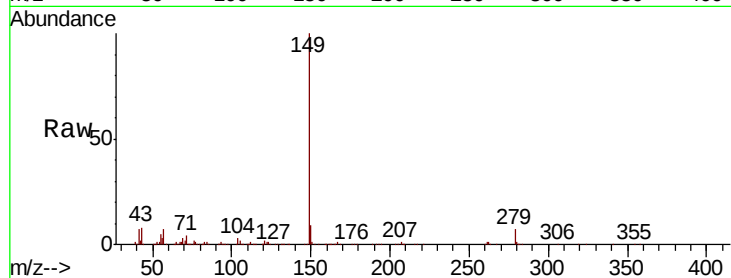
Tot Ion:149 Resp: 454888

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

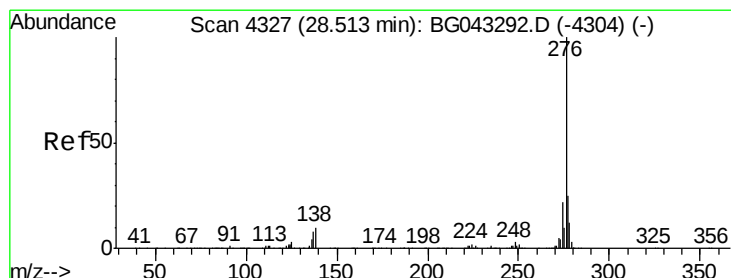
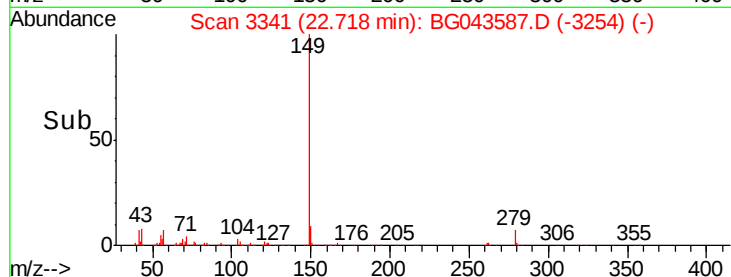
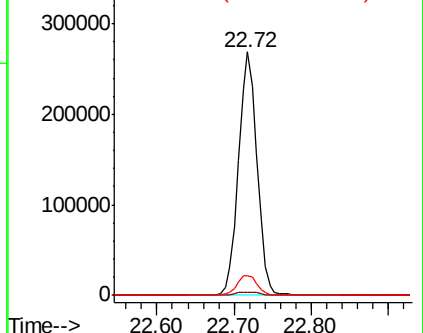
43 8.6 7.0 10.6



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: 42.186 ng

RT: 28.45 min Scan# 4317

Delta R.T. -0.04 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

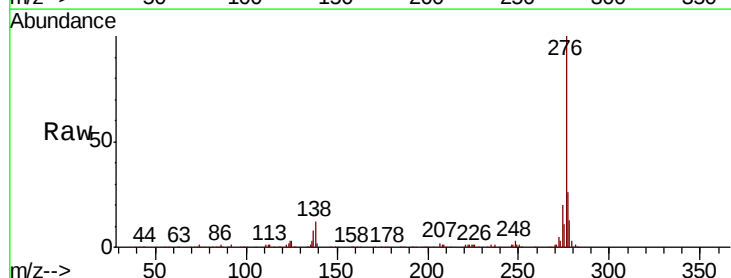
Tgt Ion:276 Resp: 624361

Ion Ratio Lower Upper

276 100

138 8.9 6.8 10.2

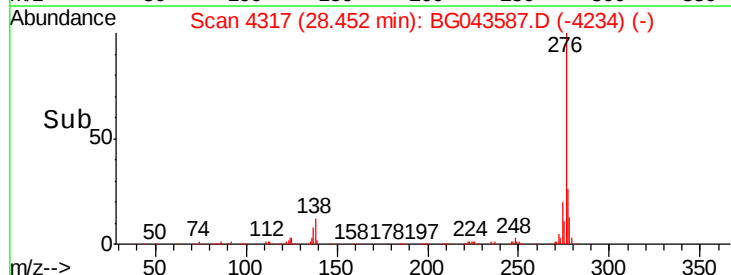
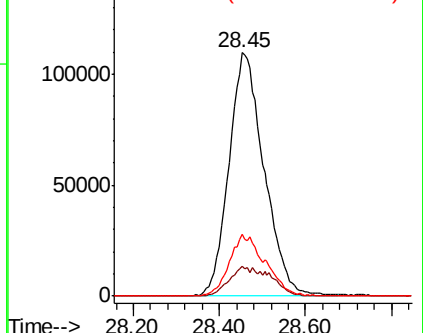
277 25.7 20.9 31.3



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: 24.83 min Scan# 3701

Delta R.T. -0.02 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124597BS

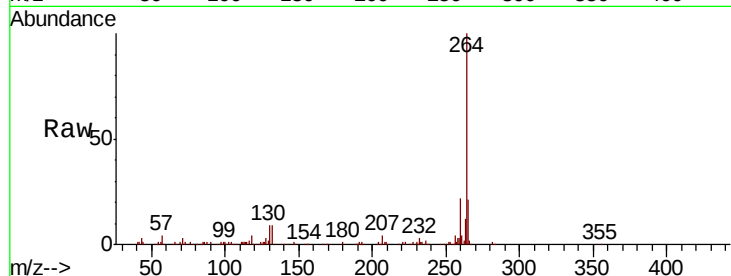
Tot Ion:264 Resp: 217154

Ion Ratio Lower Upper

264 100

260 22.4 17.5 26.3

265 21.0 17.4 26.0

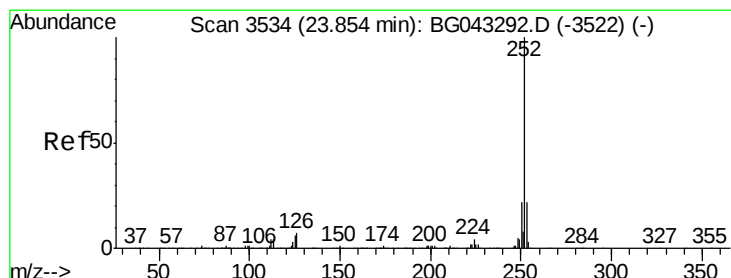
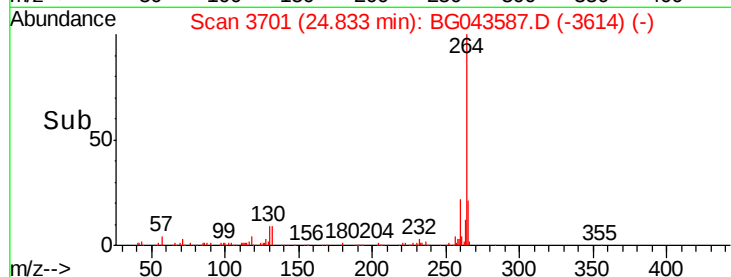
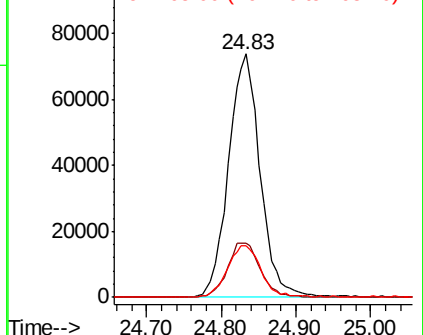


Abundance

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: 42.218 ng

RT: 23.82 min Scan# 3528

Delta R.T. -0.03 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

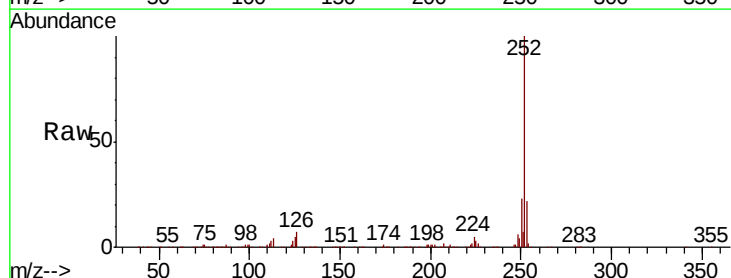
Tgt Ion:252 Resp: 519231

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 5.5 4.5 6.7

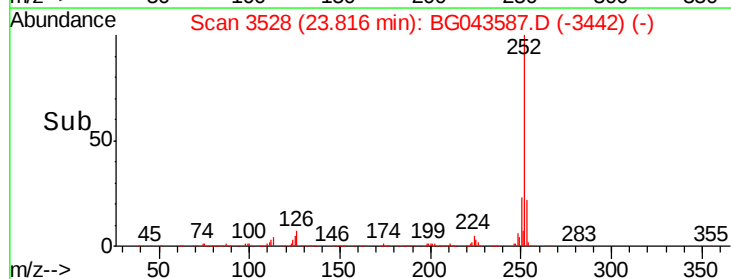
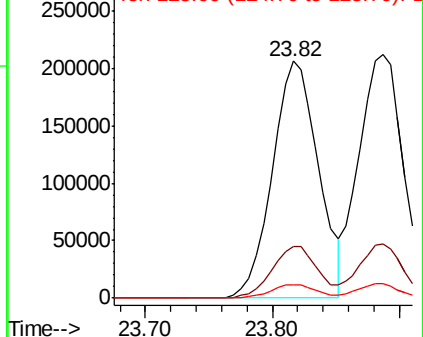


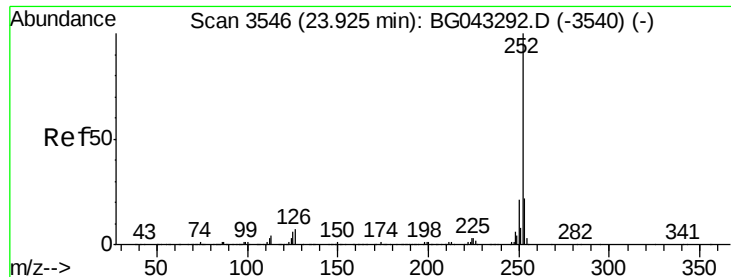
Abundance

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: 42.561 ng

RT: 23.89 min Scan# 3540

Delta R.T. -0.02 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124597BS

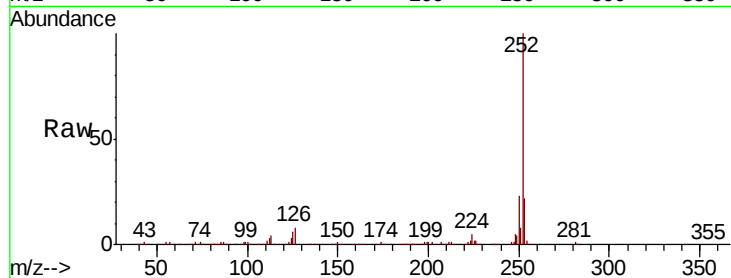
Tot Ion:252 Resp: 526965

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

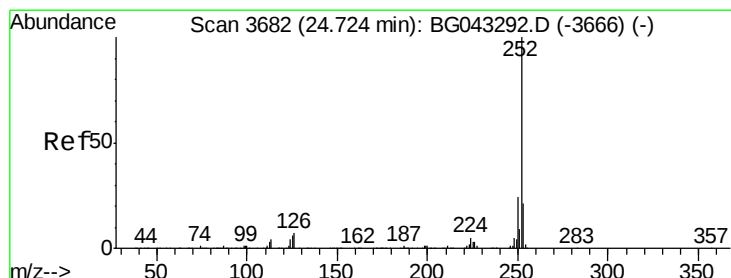
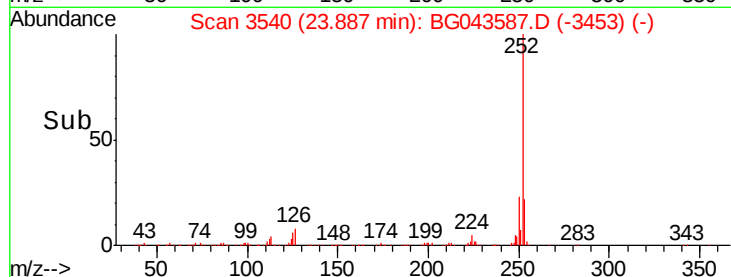
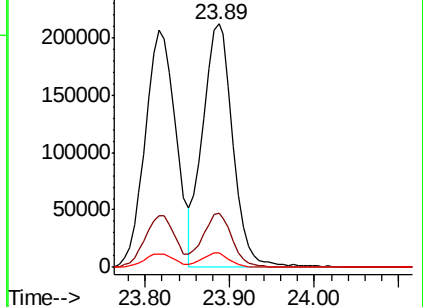
125 6.1 4.6 6.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.084 ng

RT: 24.68 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

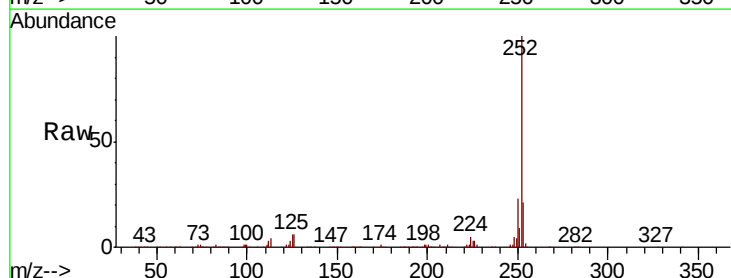
Tgt Ion:252 Resp: 482518

Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.8

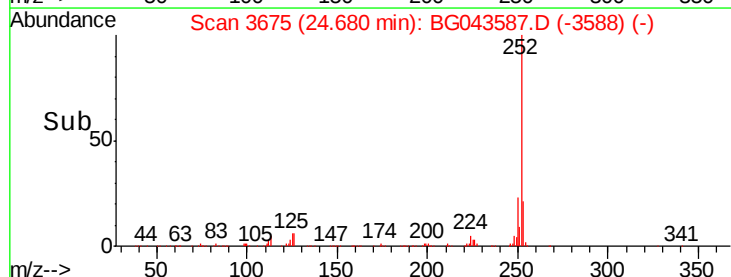
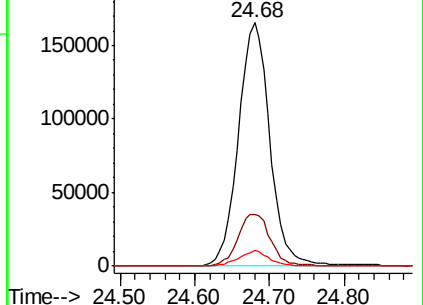
125 6.3 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.683 ng

RT: 28.52 min Scan# 4328

Delta R.T. -0.04 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

ClientSampleId :

PB124597BS

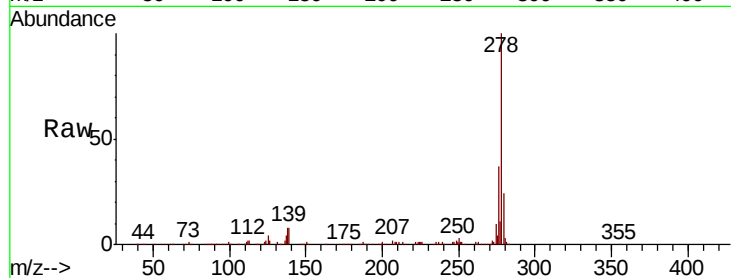
Tot Ion:278 Resp: 524765

Ion Ratio Lower Upper

278 100

139 8.2 7.4 11.0

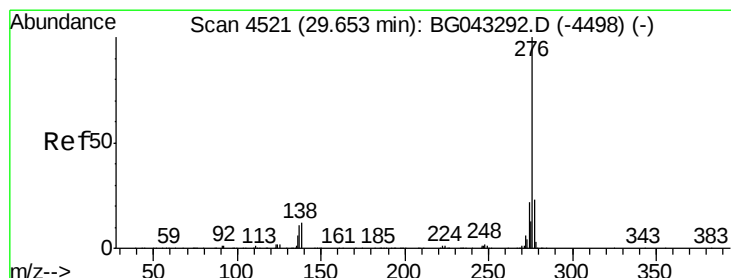
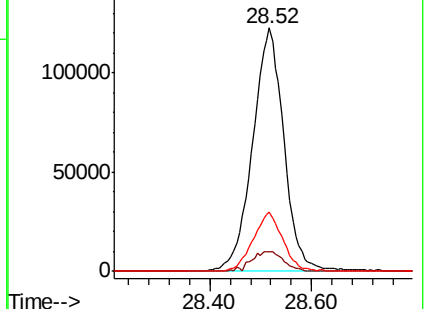
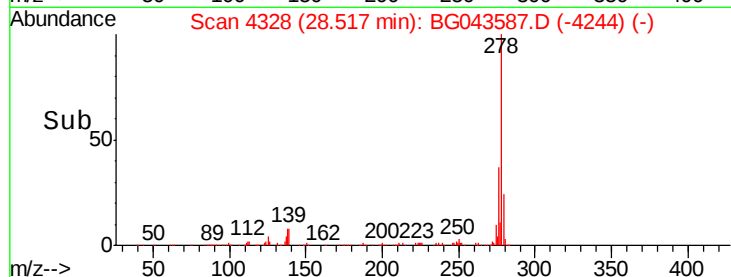
279 24.4 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.944 ng

RT: 29.60 min Scan# 4512

Delta R.T. -0.03 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

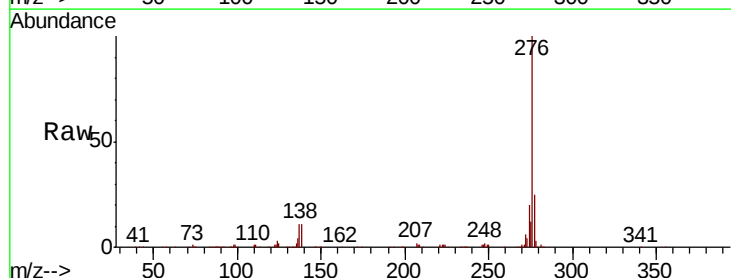
Tgt Ion:276 Resp: 520722

Ion Ratio Lower Upper

276 100

277 24.5 18.9 28.3

138 11.2 8.9 13.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

