

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
 Data File : BG043541.D
 Acq On : 7 Nov 2019 16:16
 Operator : JU
 Sample : PB124591BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124591BS

Quant Time: Nov 08 04:15:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	25863	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	104369	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	78977	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	188645	20.00	ng	0.00
76) Chrysene-d12	21.65	240	214701	20.00	ng	0.00
87) Perylene-d12	24.85	264	184036	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	176967	125.38	ng	0.02
7) Phenol-d6	7.22	99	239597	117.99	ng	0.02
23) Nitrobenzene-d5	9.17	82	122047	60.29	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	154531	102.82	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	336526	58.88	ng	0.00
79) Terphenyl-d14	19.99	244	703592	61.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	22104	40.189	ng	95
3) Pyridine	3.87	79	50107	36.115	ng	96
4) n-Nitrosodimethylamine	3.78	42	29735	42.472	ng	# 92
6) Aniline	7.34	93	62969	26.919	ng	98
8) 2-Chlorophenol	7.59	128	70976	45.555	ng	99
9) Benzaldehyde	7.15	77	20570	20.612	ng	99
10) Phenol	7.24	94	87137	46.959	ng	96
11) bis(2-Chloroethyl)ether	7.43	93	60164	41.936	ng	95
12) 1,3-Dichlorobenzene	7.90	146	78624	40.277	ng	97
13) 1,4-Dichlorobenzene	8.04	146	79818	40.414	ng	98
14) 1,2-Dichlorobenzene	8.36	146	76909	39.883	ng	99
15) Benzyl Alcohol	8.26	79	59797	41.929	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.53	45	76519	36.681	ng	94
17) 2-Methylphenol	8.48	107	60512	44.733	ng	96
18) Hexachloroethane	9.09	117	27352	38.386	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	51006	38.871	ng	94
20) 3+4-Methylphenols	8.81	107	80493	43.394	ng	87
22) Acetophenone	8.83	105	103677	38.790	ng	# 92
24) Nitrobenzene	9.21	77	77787	40.335	ng	# 95
25) Isophorone	9.73	82	144375	39.007	ng	99
26) 2-Nitrophenol	9.93	139	40482	43.480	ng	# 91
27) 2,4-Dimethylphenol	10.01	122	67019	50.222	ng	94
28) bis(2-Chloroethoxy)methane	10.22	93	76607	37.501	ng	98
29) 2,4-Dichlorophenol	10.48	162	75178	43.969	ng	92
30) 1,2,4-Trichlorobenzene	10.68	180	83824	38.898	ng	97
31) Naphthalene	10.86	128	216647	40.894	ng	98
32) Benzoic acid	10.18	122	35843	37.594	ng	91
33) 4-Chloroaniline	10.99	127	59575	27.434	ng	97
34) Hexachlorobutadiene	11.15	225	58515	36.733	ng	91
35) Caprolactam	11.75	113	23037	39.121	ng	99
36) 4-Chloro-3-methylphenol	12.13	107	79777	42.775	ng	100
37) 2-Methylnaphthalene	12.47	142	160954	39.597	ng	97
38) 1-Methylnaphthalene	12.69	142	157530	40.731	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	107909	36.919	ng	99

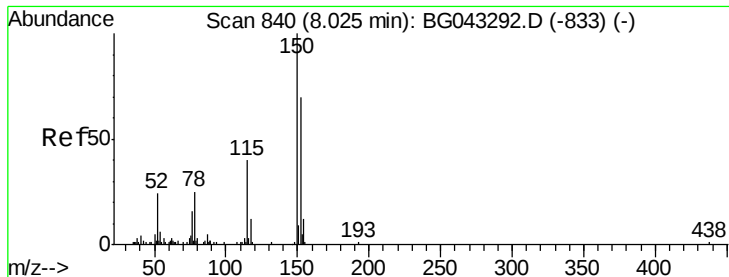
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
 Data File : BG043541.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	67982	44.277	ng	94
43) 2,4,6-Trichlorophenol	13.08	196	70613	41.024	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	76442	43.928	ng	99
46) 1,1'-Biphenyl	13.47	154	223882	37.263	ng	97
47) 2-Chloronaphthalene	13.51	162	170694	37.339	ng	99
48) 2-Nitroaniline	13.73	65	53662	39.275	ng	96
49) Acenaphthylene	14.36	152	284340	39.965	ng	99
50) Dimethylphthalate	14.10	163	234991	38.414	ng	97
51) 2,6-Dinitrotoluene	14.21	165	53080	39.941	ng	93
52) Acenaphthene	14.70	154	164992	38.027	ng	96
53) 3-Nitroaniline	14.56	138	36269	28.267	ng	98
54) 2,4-Dinitrophenol	14.76	184	53333	65.698	ng	96
55) Dibenzofuran	15.04	168	277272	39.407	ng	98
56) 4-Nitrophenol	14.91	139	78060	90.784	ng	95
57) 2,4-Dinitrotoluene	15.01	165	76449	40.252	ng	96
58) Fluorene	15.69	166	228068	38.647	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	74149	40.105	ng	96
60) Diethylphthalate	15.45	149	233730	38.026	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	132490	38.485	ng	99
62) 4-Nitroaniline	15.72	138	50604	38.188	ng	94
63) Azobenzene	15.97	77	193525	38.903	ng	96
65) 4,6-Dinitro-2-methylphenol	15.77	198	45692	41.157	ng	93
66) n-Nitrosodiphenylamine	15.89	169	205982	38.675	ng	96
67) 4-Bromophenyl-phenylether	16.57	248	93801	36.948	ng	97
68) Hexachlorobenzene	16.69	284	105234	36.111	ng	95
69) Atrazine	16.85	200	87200	47.119	ng	96
70) Pentachlorophenol	17.05	266	96687	72.814	ng	99
71) Phenanthrene	17.43	178	374779	38.797	ng	99
72) Anthracene	17.52	178	383779	39.708	ng	97
73) Carbazole	17.80	167	354654	40.521	ng	99
74) Di-n-butylphthalate	18.34	149	418858	39.441	ng	99
75) Fluoranthene	19.44	202	509877	40.487	ng	98
77) Benzidine	19.63	184	81550	18.873	ng	96
78) Pyrene	19.80	202	523513	39.392	ng	99
80) Butylbenzylphthalate	20.68	149	193476	38.427	ng	97
81) Benzo(a)anthracene	21.63	228	526213	39.127	ng	99
82) 3,3'-Dichlorobenzidine	21.55	252	169838	32.651	ng	98
83) Chrysene	21.70	228	511870	38.307	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	284716	39.808	ng	100
85) Di-n-octyl phthalate	22.73	149	473774	39.044	ng	98
86) Indeno(1,2,3-cd)pyrene	28.48	276	633565	37.773	ng	99
88) Benzo(b)fluoranthene	23.83	252	536909	51.511	ng	98
89) Benzo(k)fluoranthene	23.90	252	543261	51.773	ng	97
90) Benzo(a)pyrene	24.69	252	491169	49.347	ng	98
91) Dibenzo(a,h)anthracene	28.55	278	543463	53.381	ng	99
92) Benzo(g,h,i)perylene	29.63	276	535865	53.360	ng	99

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

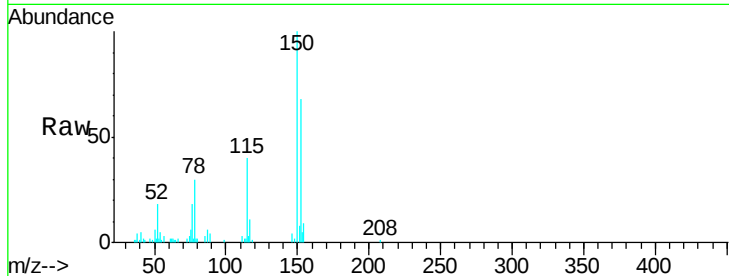


#1

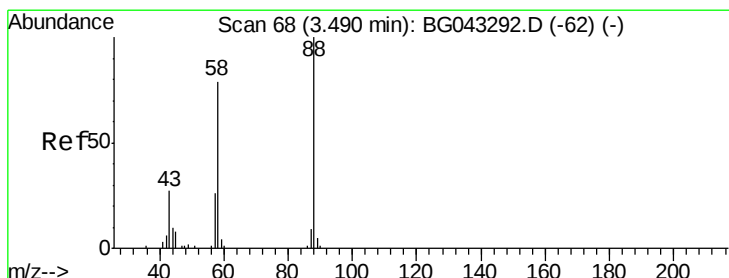
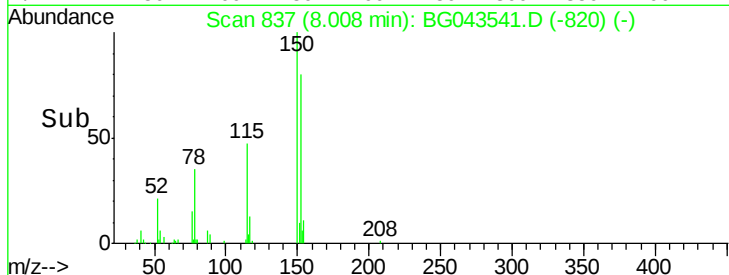
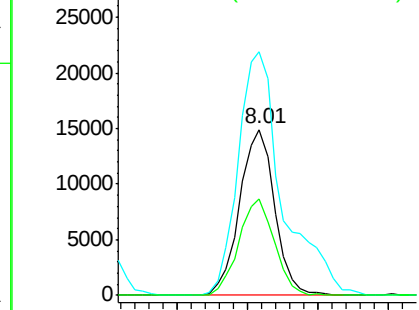
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tgt Ion:152 Resp: 25863
Ion Ratio Lower Upper
152 100
150 146.5 129.4 194.0
115 58.3 48.8 73.2



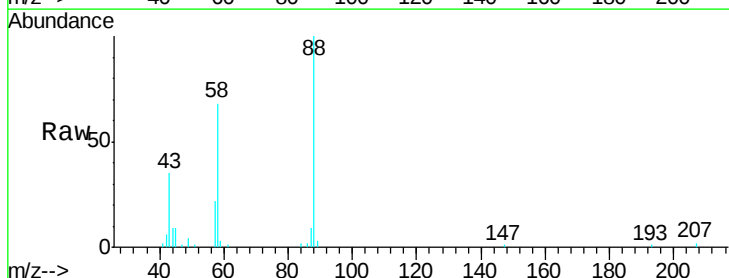
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



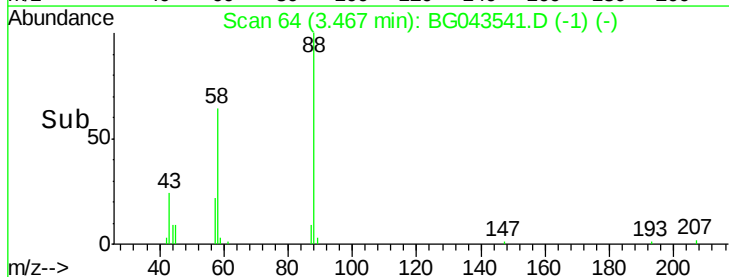
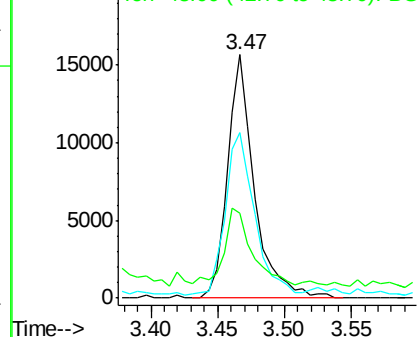
#2

1,4-Dioxane
Concen: 40.189 ng
RT: 3.47 min Scan# 64
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion: 88 Resp: 22104
Ion Ratio Lower Upper
88 100
58 73.7 62.7 94.1
43 32.6 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

Pyridine

Concen: 36.115 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

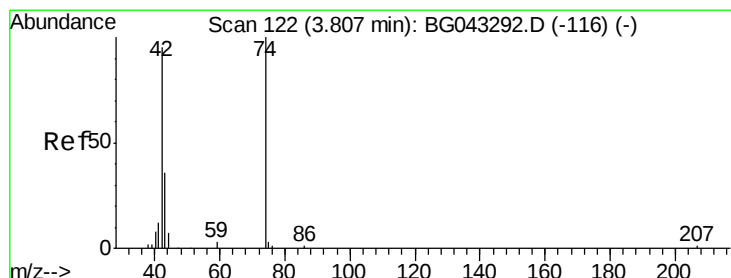
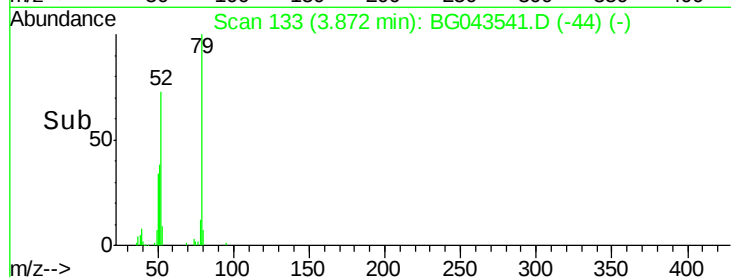
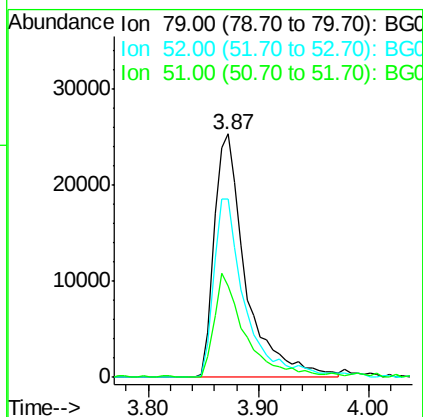
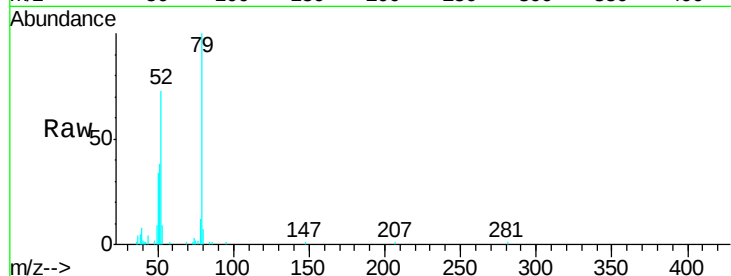
Tgt Ion: 79 Resp: 50107

Ion Ratio Lower Upper

79 100

52 73.1 56.5 84.7

51 37.6 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 42.472 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

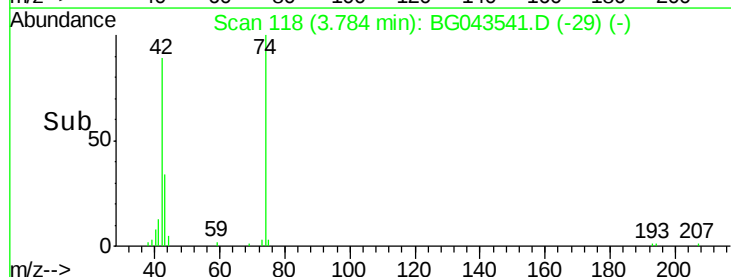
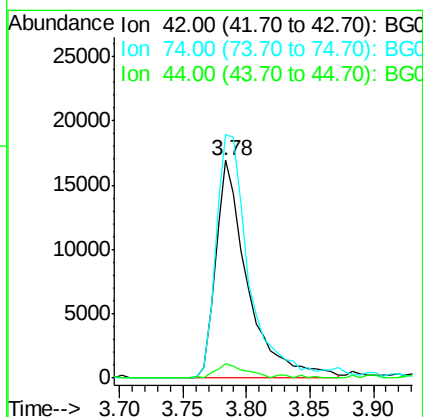
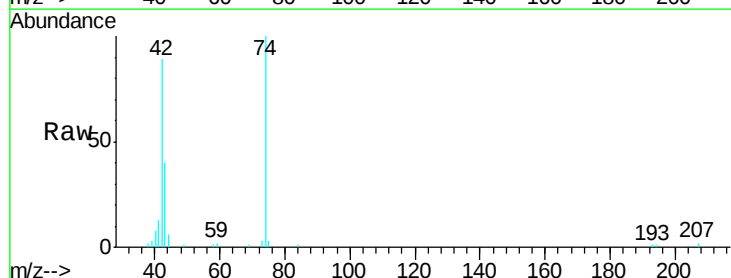
Tgt Ion: 42 Resp: 29735

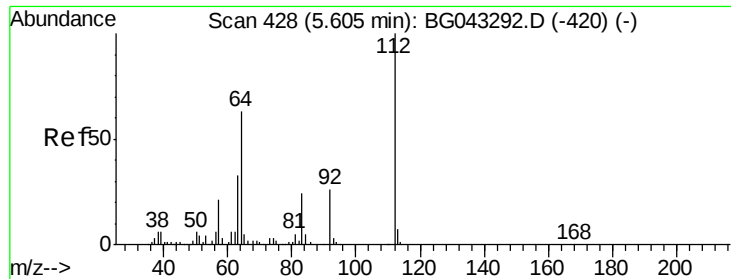
Ion Ratio Lower Upper

42 100

74 111.9 97.3 145.9

44 6.7 4.4 6.6#





#5

2-Fluorophenol

Concen: 125.385 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.02 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

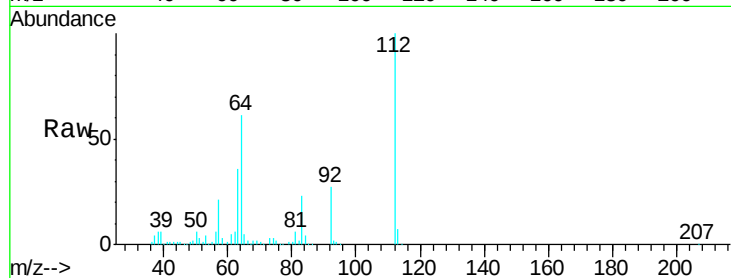
Tgt Ion:112 Resp: 176967

Ion Ratio Lower Upper

112 100

64 61.3 50.0 75.0

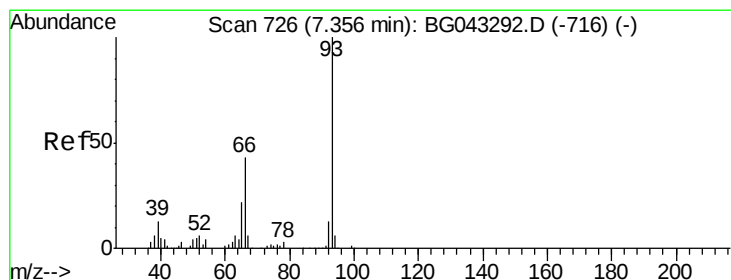
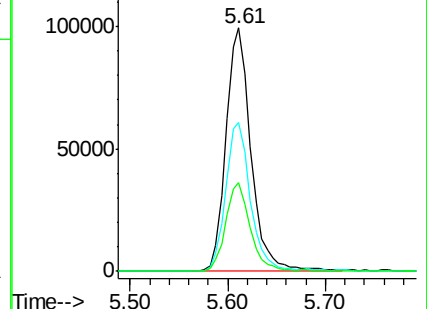
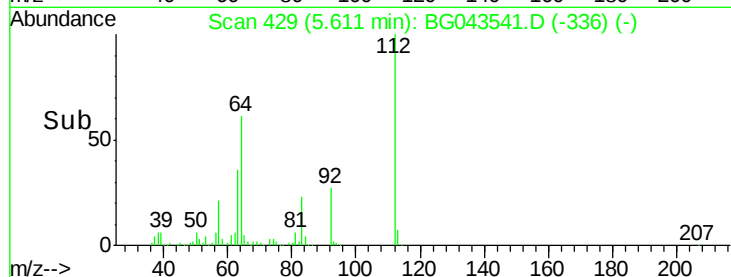
63 36.4 26.6 40.0



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: 26.919 ng

RT: 7.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

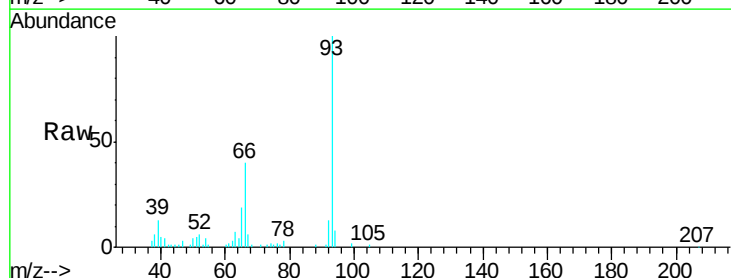
Tgt Ion: 93 Resp: 62969

Ion Ratio Lower Upper

93 100

66 39.7 32.3 48.5

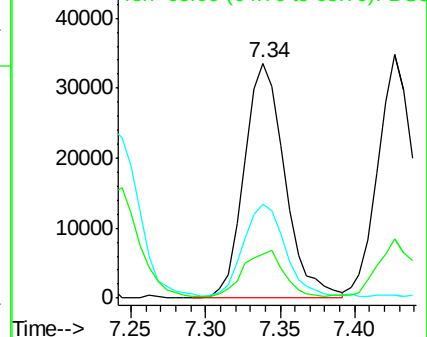
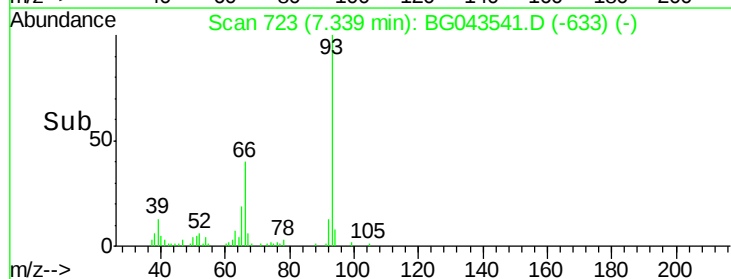
65 18.8 16.1 24.1

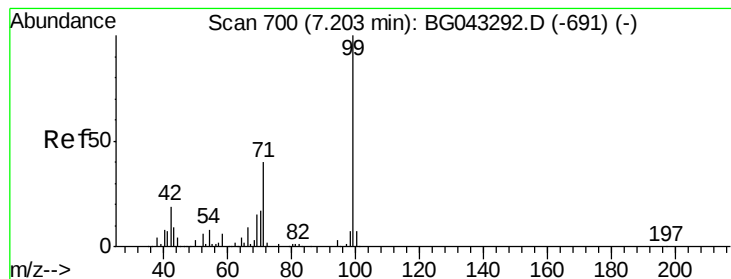


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.990 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

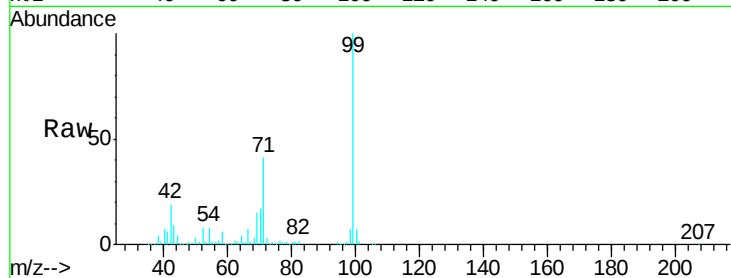
Tgt Ion: 99 Resp: 239597

Ion Ratio Lower Upper

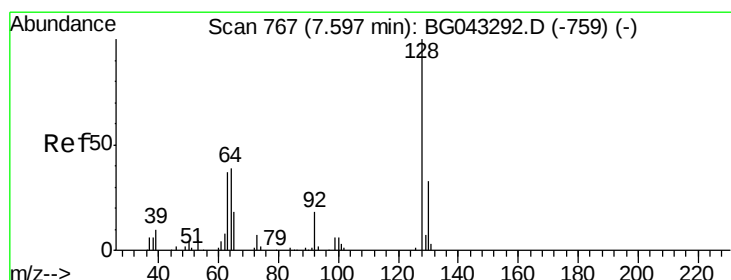
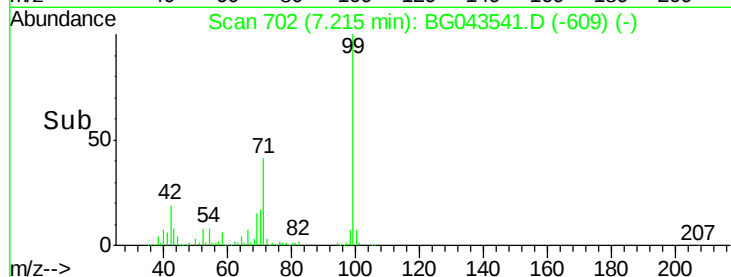
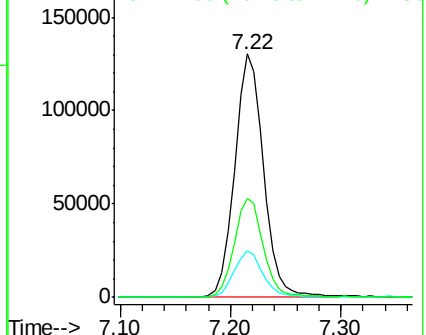
99 100

42 19.1 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: 45.555 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

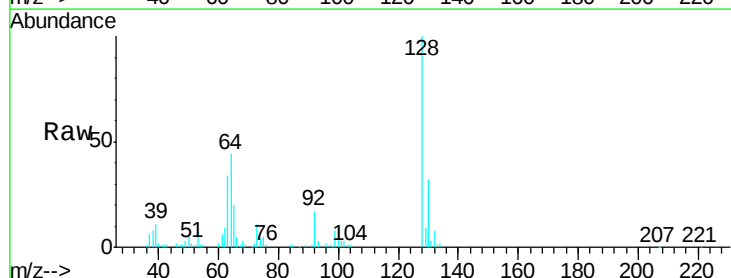
Tgt Ion: 128 Resp: 70976

Ion Ratio Lower Upper

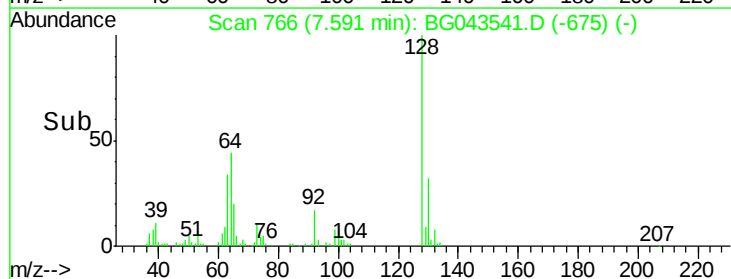
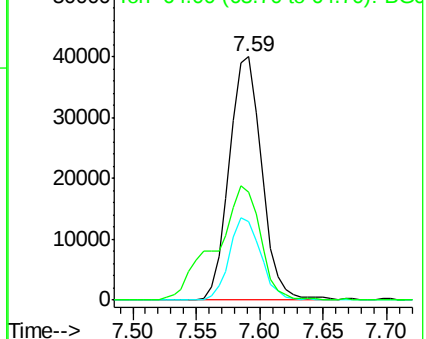
128 100

130 32.5 12.5 52.5

64 44.4 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: 20.612 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

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ClientSampleId :

PB124591BS

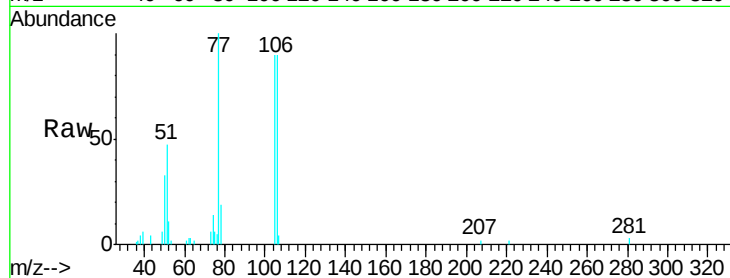
Tgt Ion: 77 Resp: 20570

Ion Ratio Lower Upper

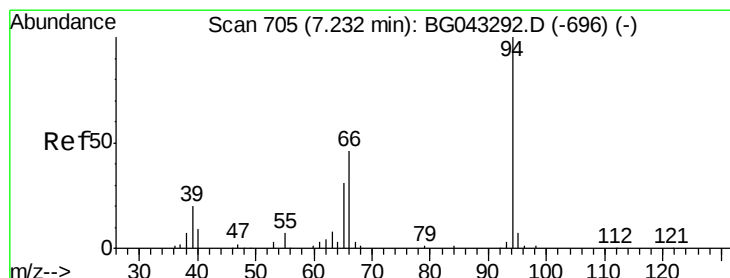
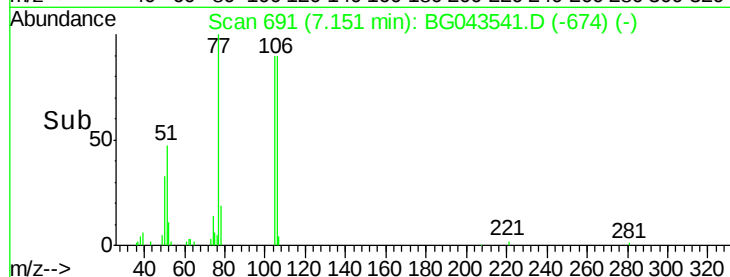
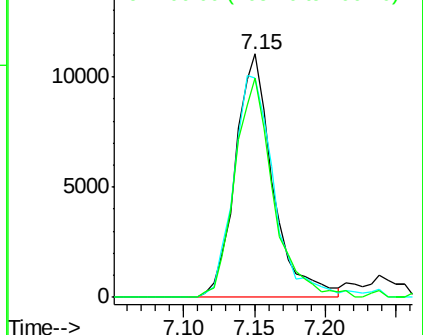
77 100

105 90.2 68.6 108.6

106 90.1 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: 46.959 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.02 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

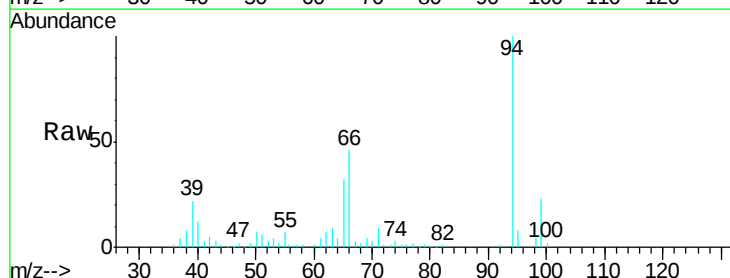
Tgt Ion: 94 Resp: 87137

Ion Ratio Lower Upper

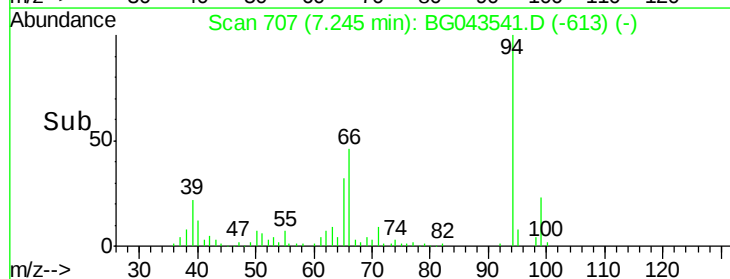
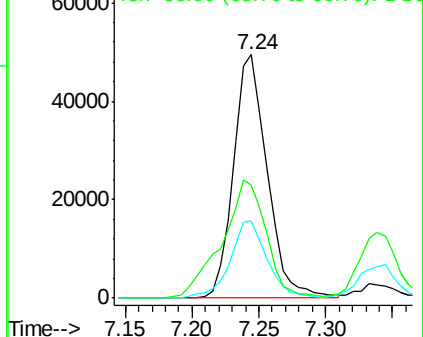
94 100

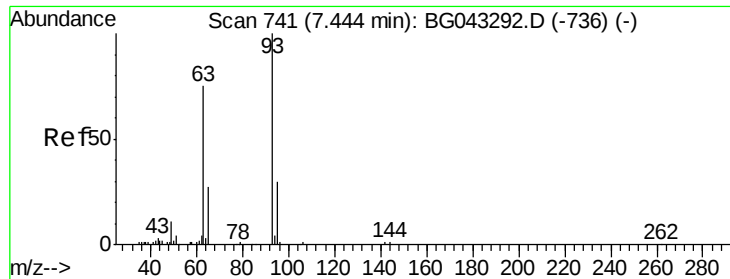
65 31.7 12.6 52.6

66 46.4 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

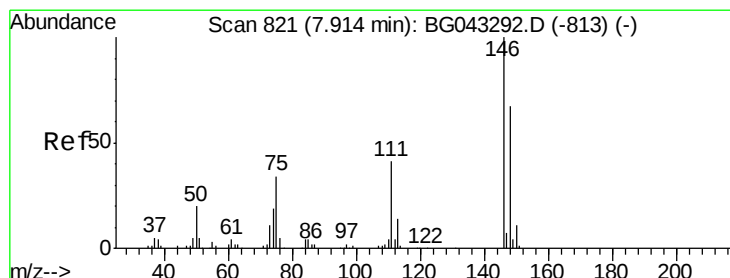
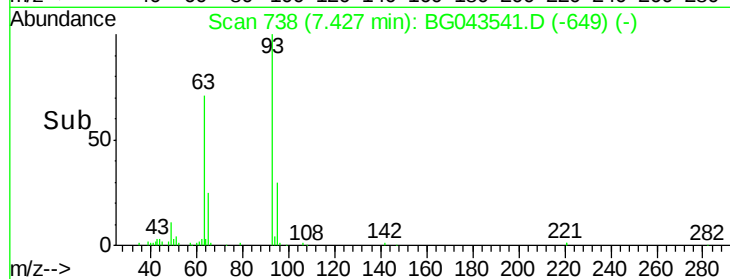
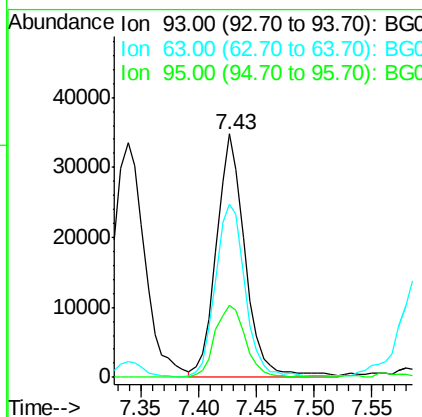
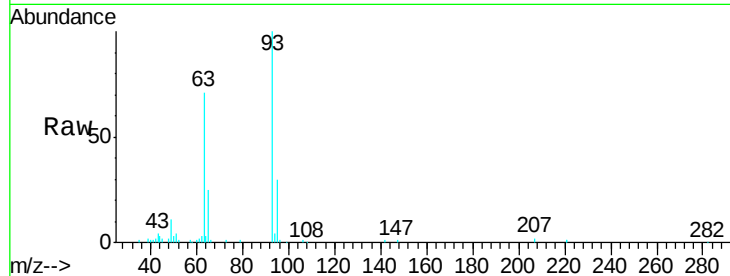




#11
 bis(2-Chloroethyl)ether
 Concen: 41.936 ng
 RT: 7.43 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

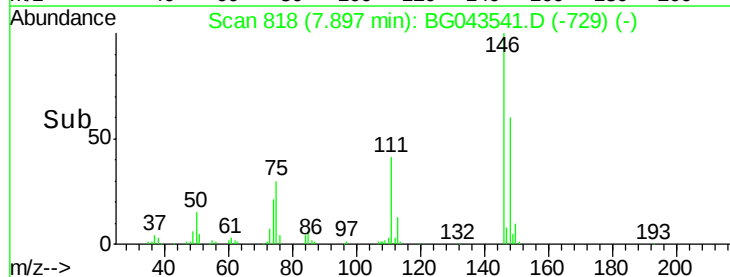
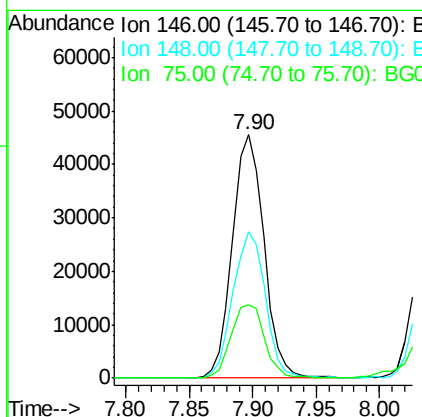
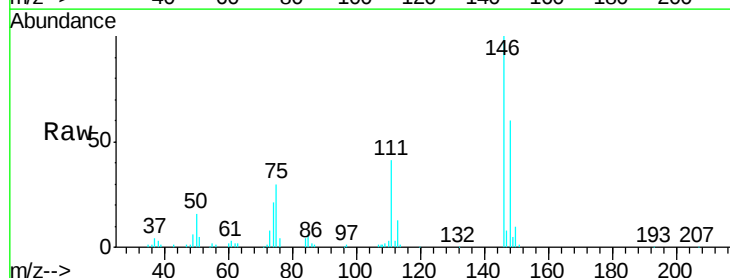
Instrument :
 BNA_G
 ClientSampleId :
 PB124591BS

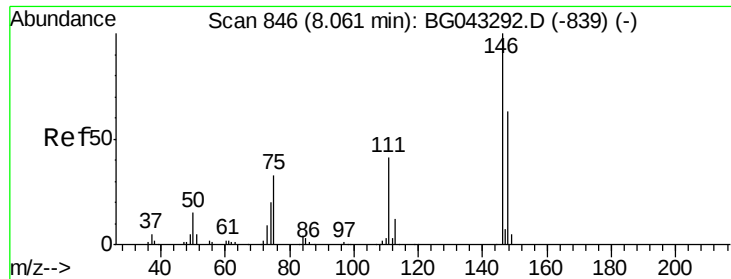
Tgt Ion: 93 Resp: 60164
 Ion Ratio Lower Upper
 93 100
 63 71.4 56.3 96.3
 95 29.9 12.2 52.2



#12
 1,3-Dichlorobenzene
 Concen: 40.277 ng
 RT: 7.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Tgt Ion: 146 Resp: 78624
 Ion Ratio Lower Upper
 146 100
 148 60.0 50.3 75.5
 75 30.4 24.6 37.0





#13

1,4-Dichlorobenzene

Concen: 40.414 ng

RT: 8.04 min Scan# 843

Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

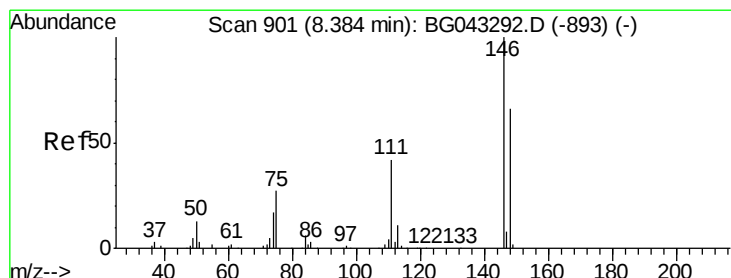
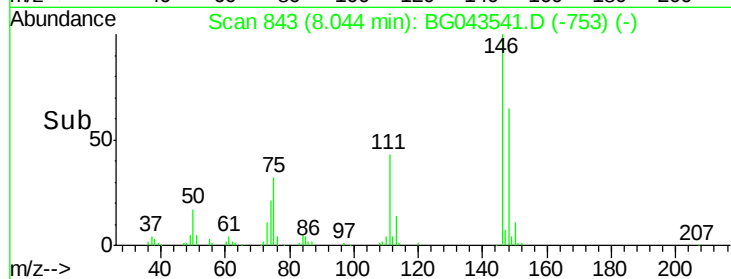
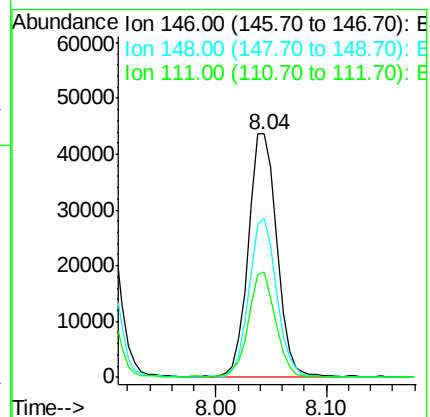
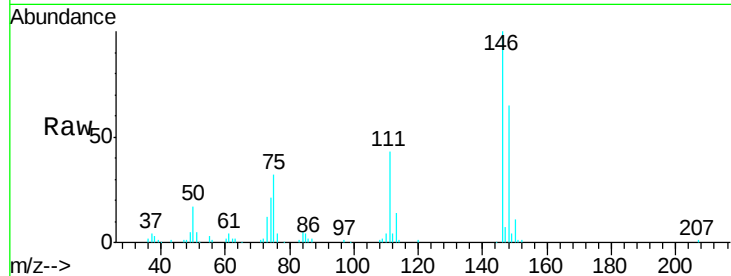
Tgt Ion:146 Resp: 79818

Ion Ratio Lower Upper

146 100

148 65.4 50.7 76.1

111 43.1 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 39.883 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

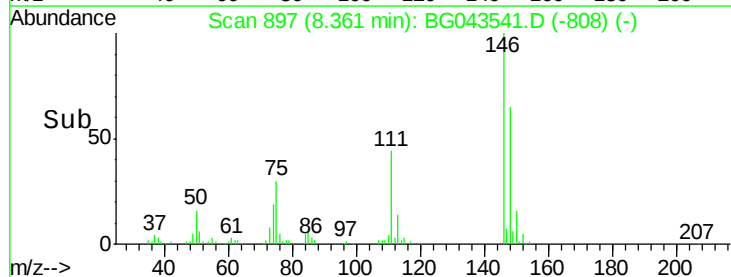
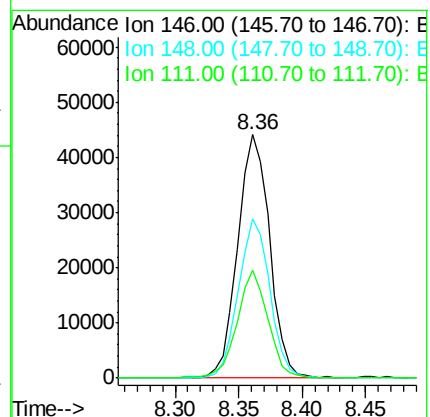
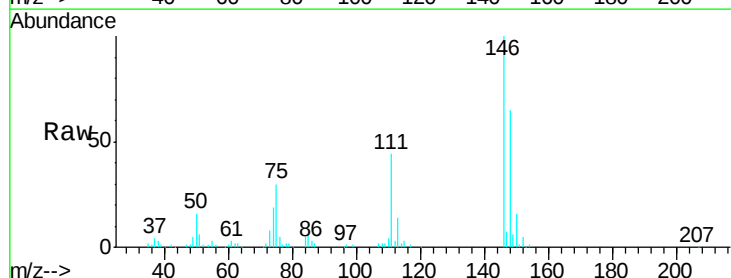
Tgt Ion:146 Resp: 76909

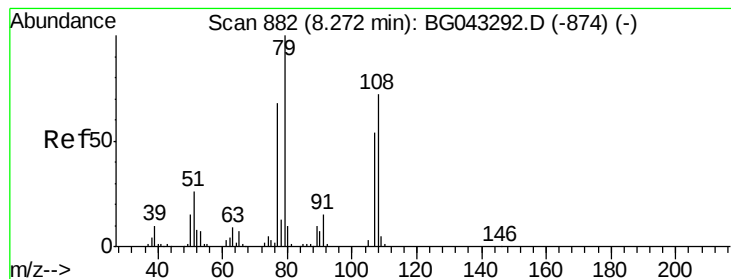
Ion Ratio Lower Upper

146 100

148 65.1 53.2 79.8

111 44.3 35.8 53.6





#15

Benzyl Alcohol

Concen: 41.929 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

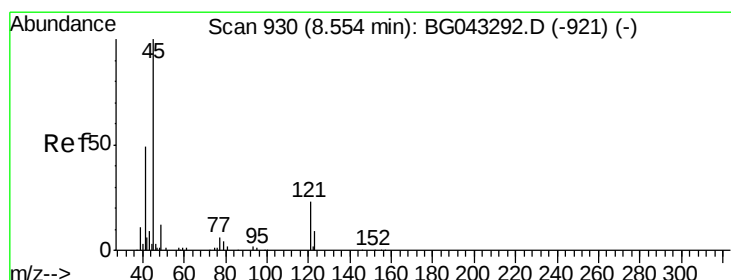
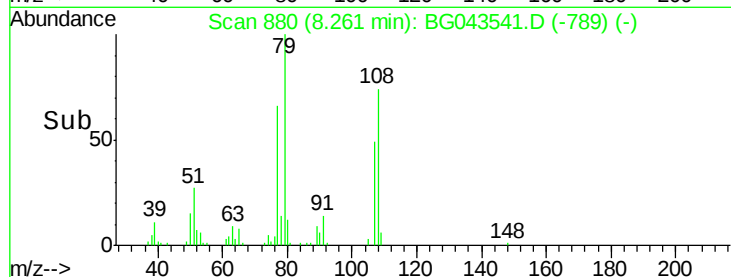
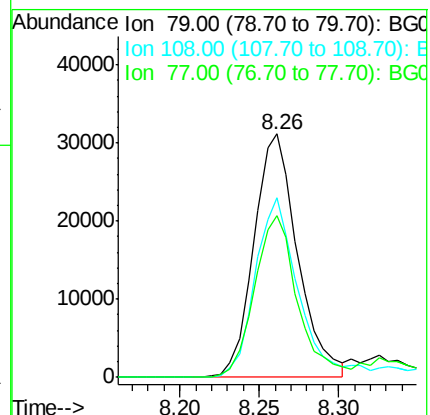
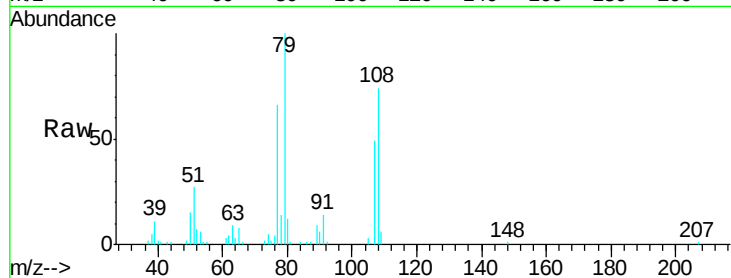
Tgt Ion: 79 Resp: 59797

Ion Ratio Lower Upper

79 100

108 73.9 53.6 80.4

77 66.4 49.6 74.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.681 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

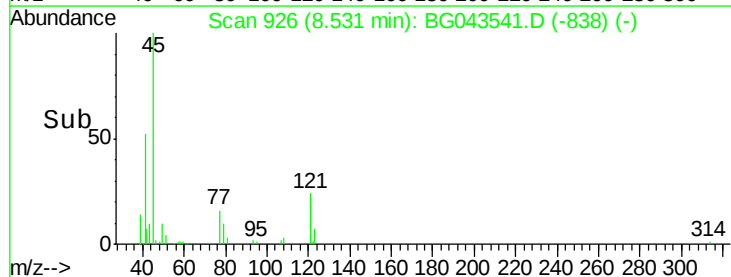
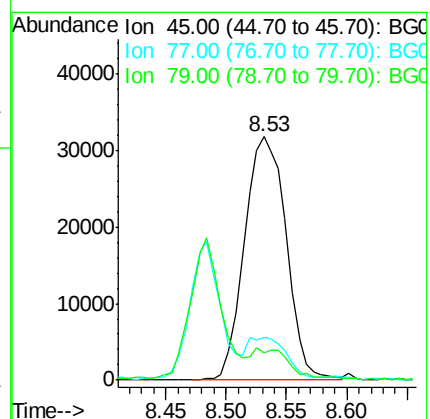
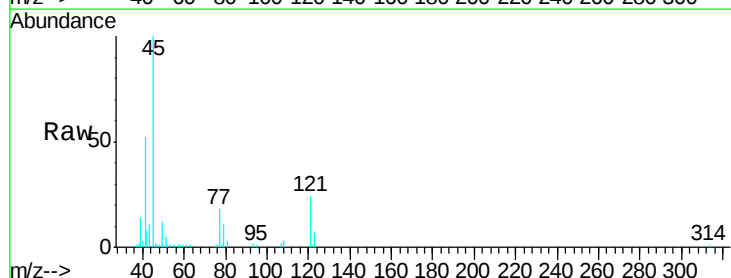
Tgt Ion: 45 Resp: 76519

Ion Ratio Lower Upper

45 100

77 17.8 0.0 34.9

79 11.0 0.0 33.0





#17

2-Methylphenol

Concen: 44.733 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.02 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

Tgt Ion:107 Resp: 60512

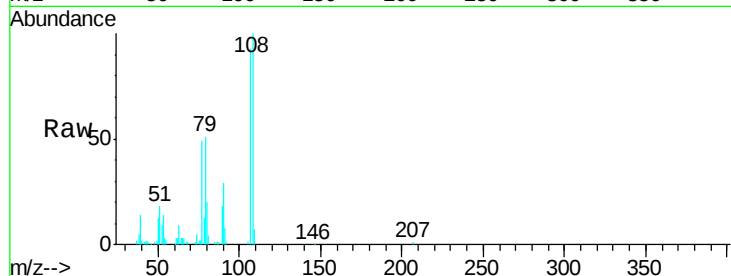
Ion Ratio Lower Upper

107 100

108 107.6 90.2 135.4

77 53.2 40.2 60.2

79 54.4 44.0 66.0

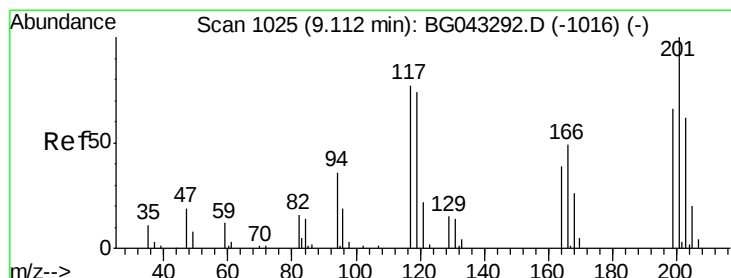
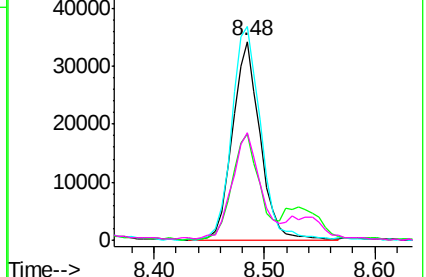
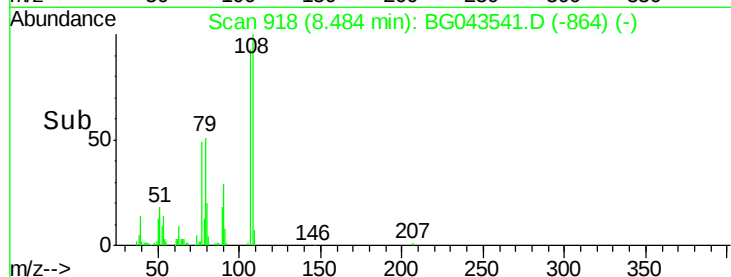


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.386 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

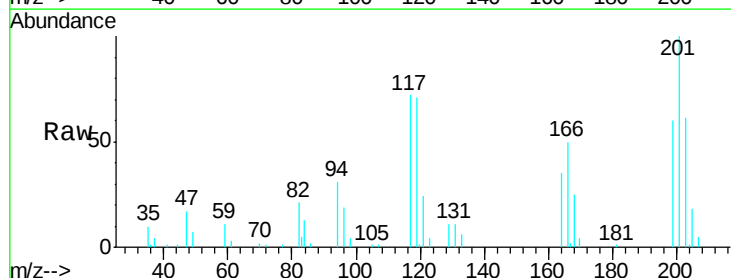
Tgt Ion:117 Resp: 27352

Ion Ratio Lower Upper

117 100

119 98.5 79.0 118.4

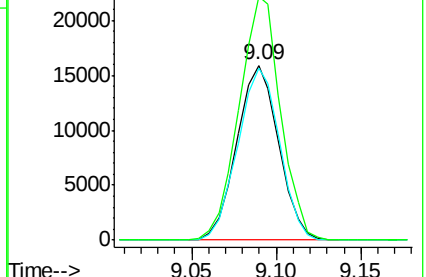
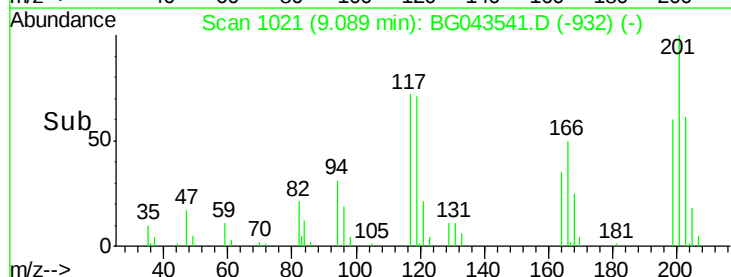
201 139.5 105.4 158.2

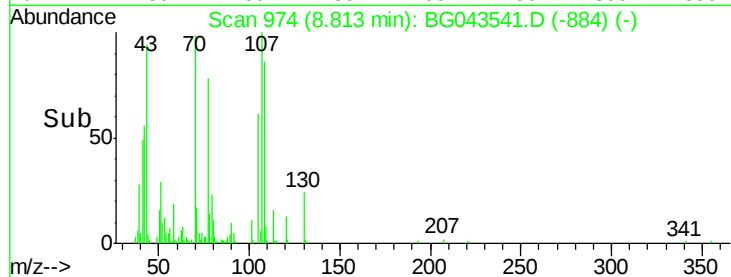
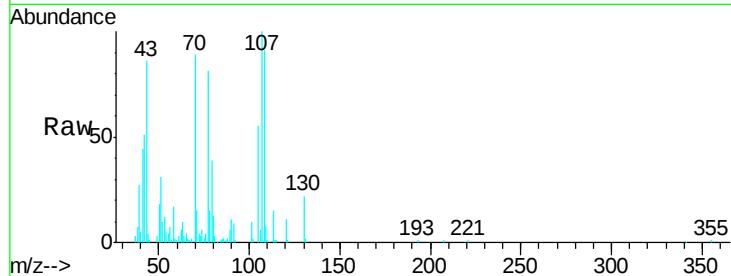
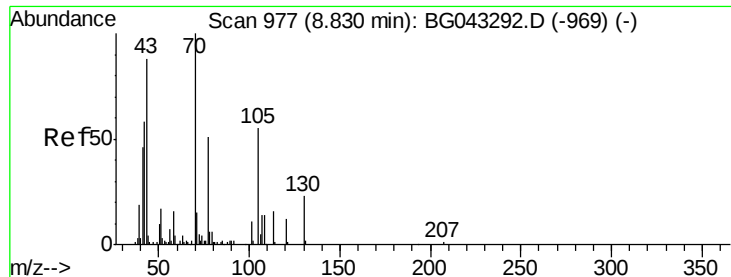


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

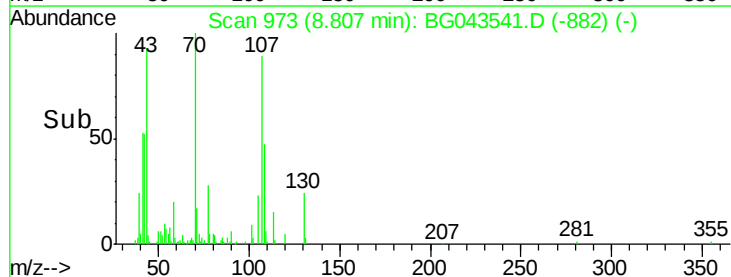
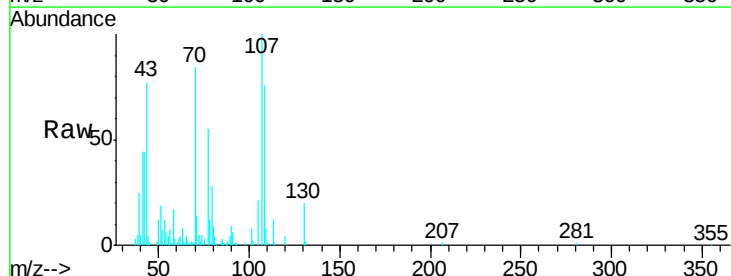
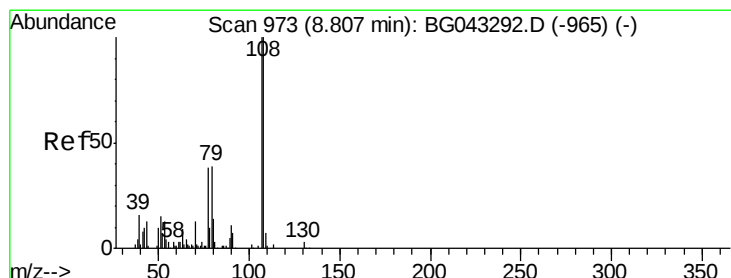
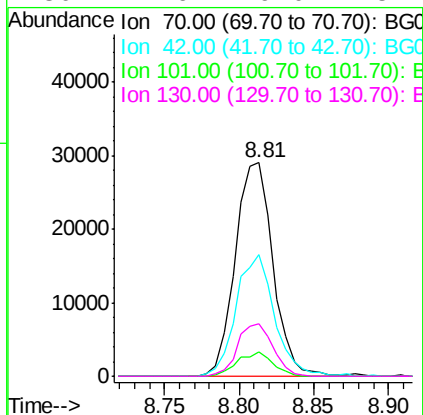




#19
n-Nitroso-di-n-propylamine
Concen: 38.871 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

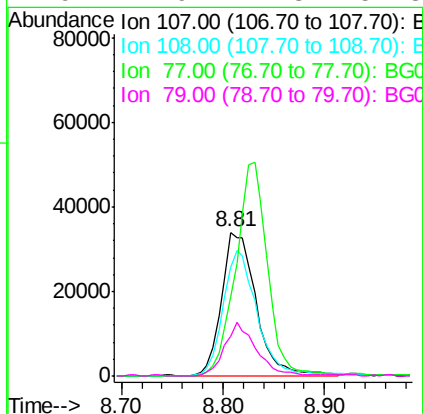
Instrument :
BNA_G
ClientSampleId :
PB124591BS

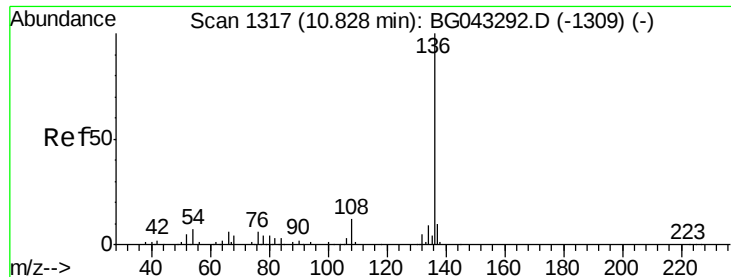
Tgt Ion:	70	Resp:	51006
Ion	Ratio	Lower	Upper
70	100		
42	57.1	41.4	62.2
101	11.5	7.9	11.9
130	24.6	19.0	28.4



#20
3+4-Methylphenols
Concen: 43.394 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion:	107	Resp:	80493
Ion	Ratio	Lower	Upper
107	100		
108	75.8	66.6	106.6
77	54.7	20.9	60.9
79	27.9	11.3	51.3

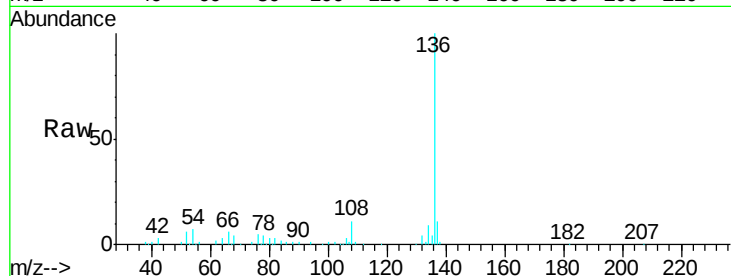




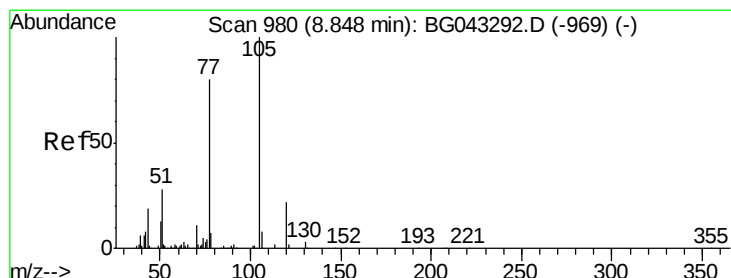
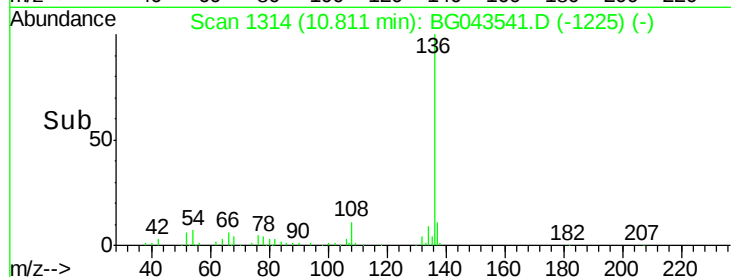
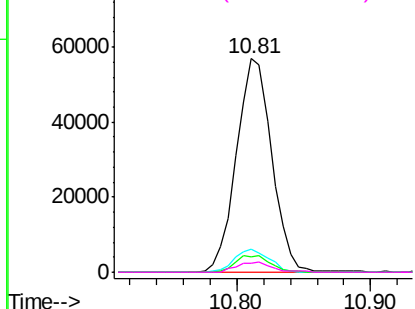
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tgt Ion:	136	Resp:	104369
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.3	5.4	8.2
68	4.2	3.0	4.4

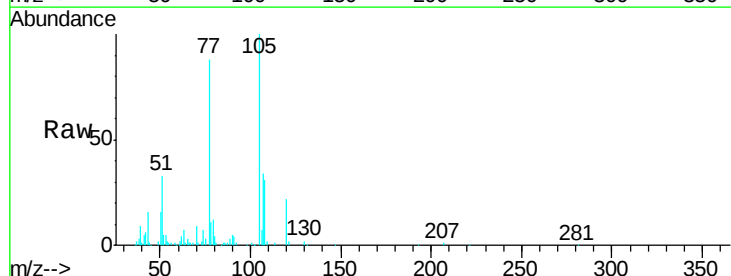


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

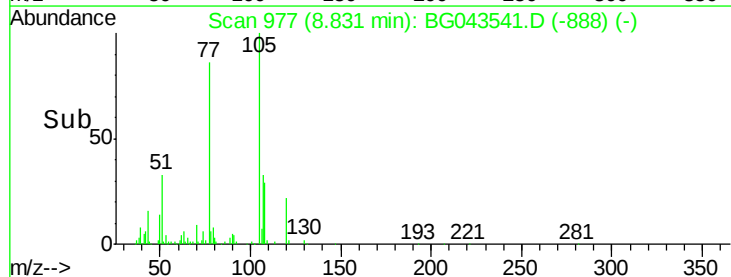
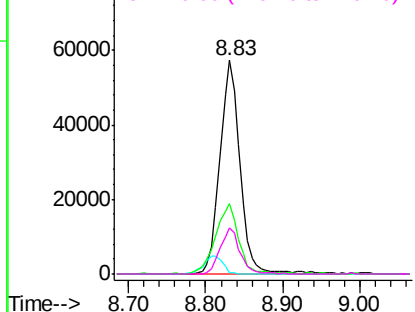


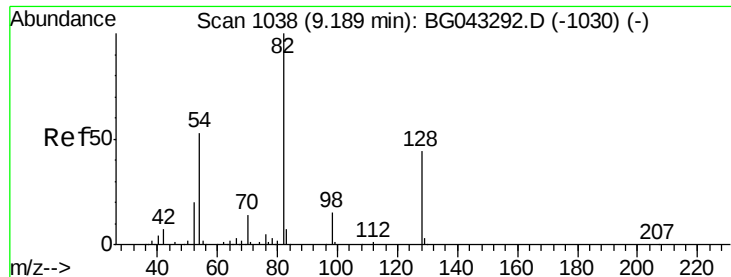
#22
Acetophenone
Concen: 38.790 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion:	105	Resp:	103677
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.8	1.2
51	33.3	21.0	31.4#
120	21.8	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

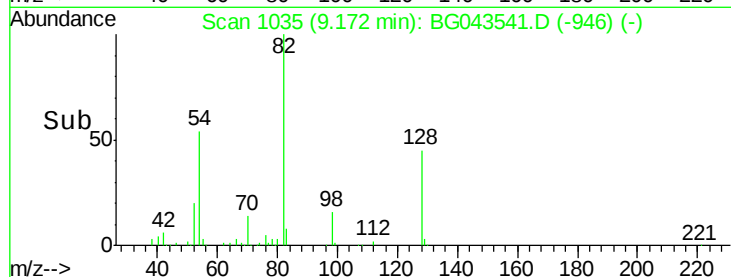
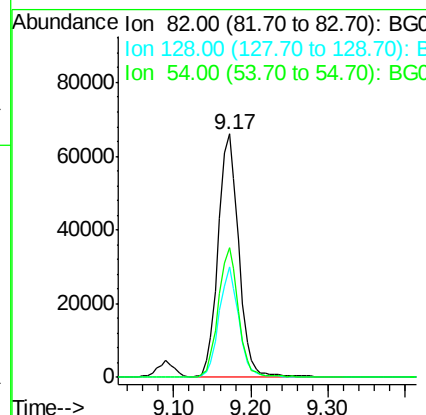
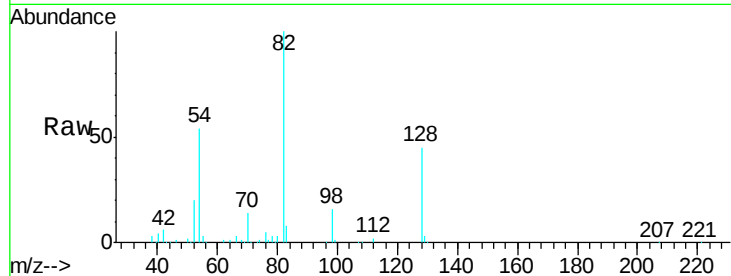




#23
 Nitrobenzene-d5
 Concen: 60.287 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

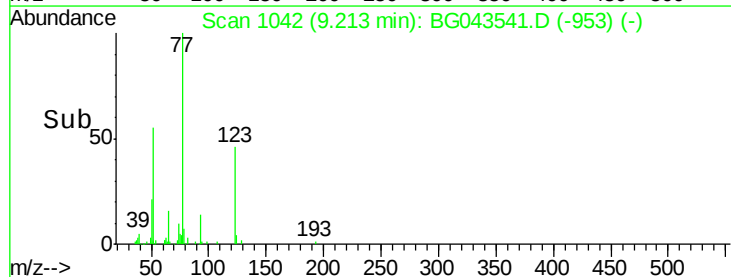
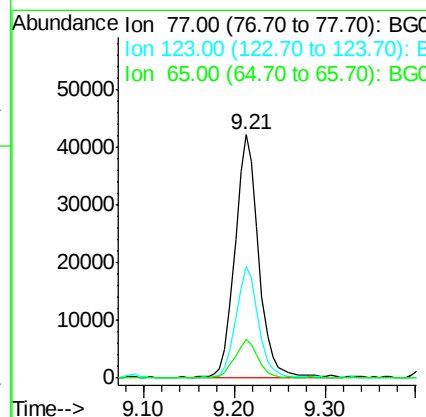
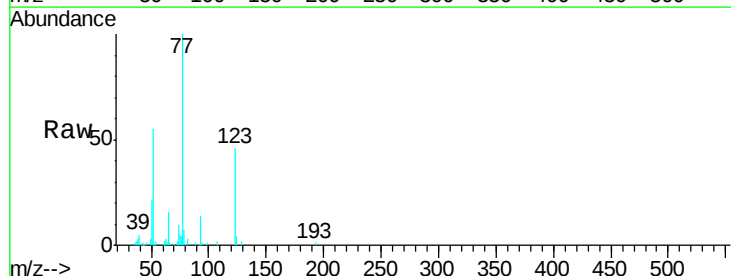
Instrument :
 BNA_G
 ClientSampleId :
 PB124591BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.0	52.6
54	53.5	40.2	60.2



#24
 Nitrobenzene
 Concen: 40.335 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	35.0	52.6
65	16.0	9.5	14.3





#25

Isophorone

Concen: 39.007 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

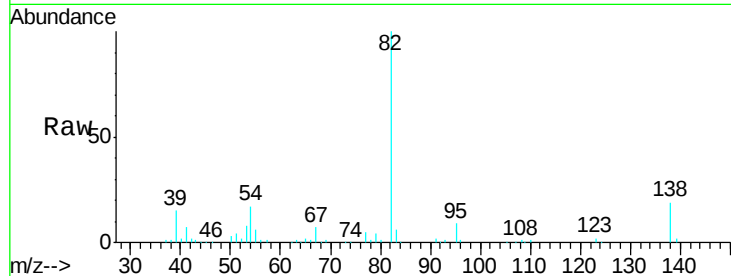
Tgt Ion: 82 Resp: 144375

Ion Ratio Lower Upper

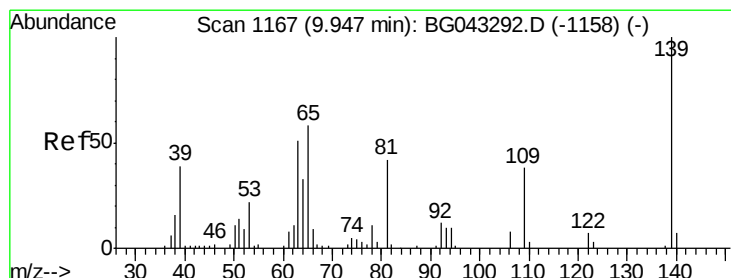
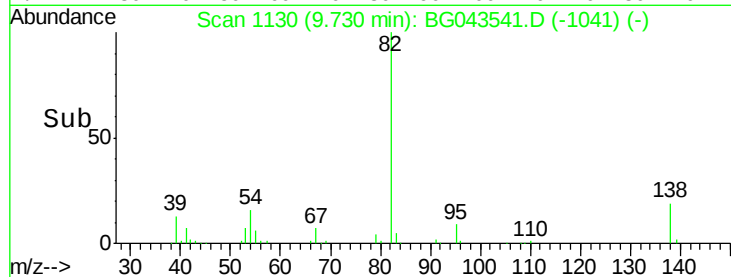
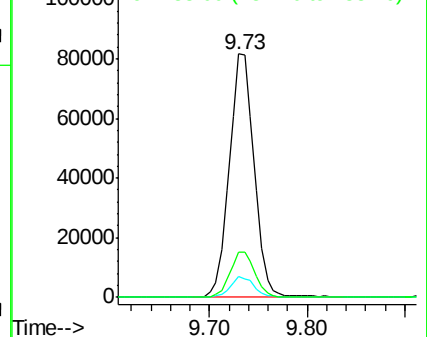
82 100

95 8.6 6.6 9.8

138 18.8 15.2 22.8



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



#26

2-Nitrophenol

Concen: 43.480 ng

RT: 9.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

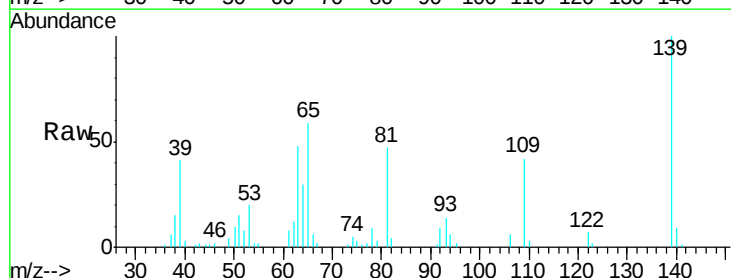
Tgt Ion: 139 Resp: 40482

Ion Ratio Lower Upper

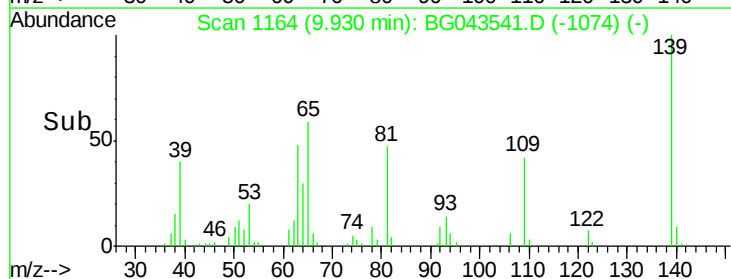
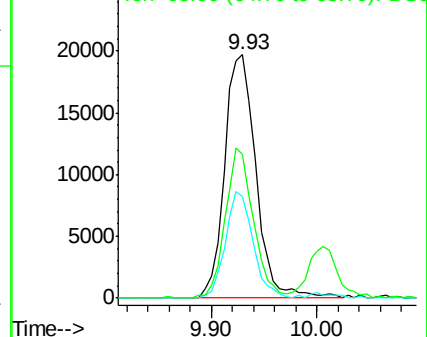
139 100

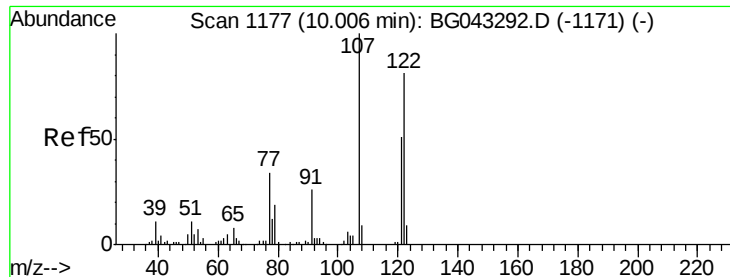
109 41.7 26.5 39.7#

65 58.9 43.8 65.8



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

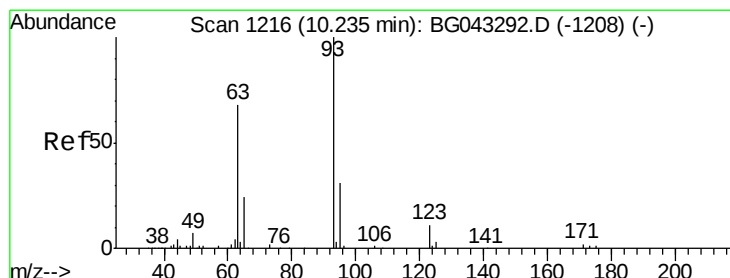
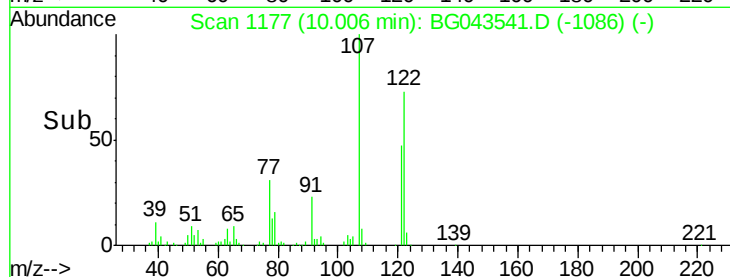
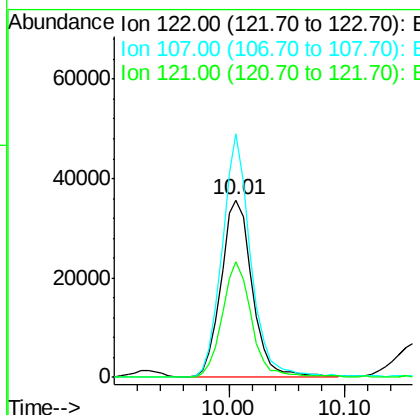
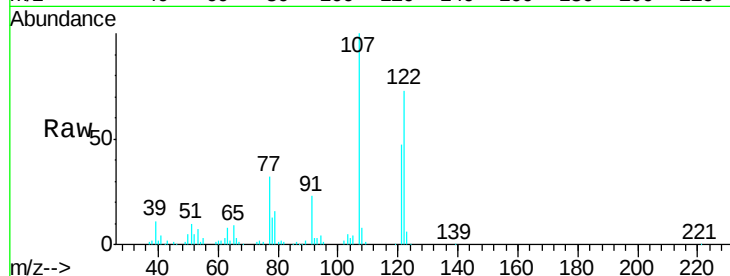




#27
 2,4-Dimethylphenol
 Concen: 50.222 ng
 RT: 10.01 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

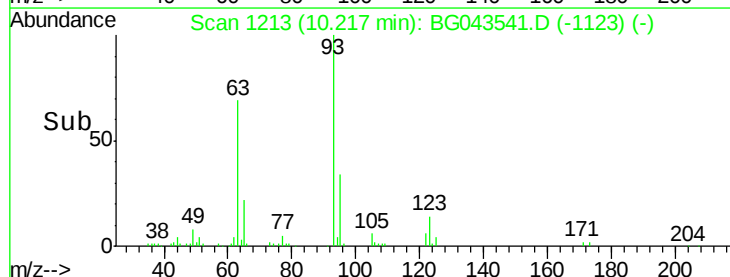
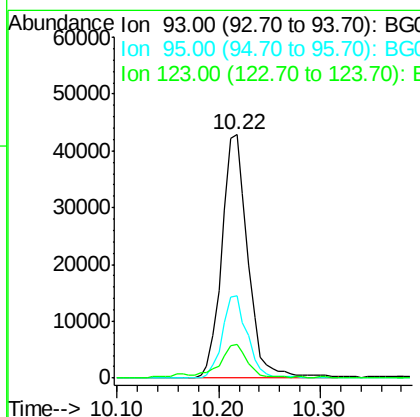
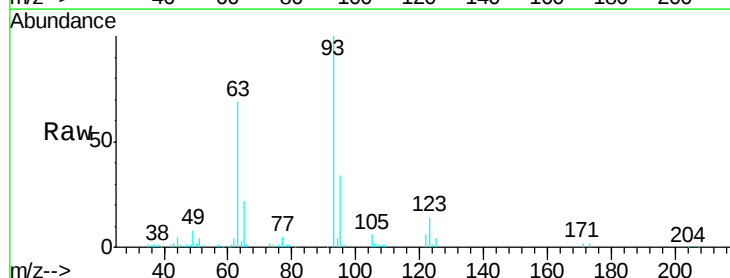
Instrument :
 BNA_G
 ClientSampleId :
 PB124591BS

Tgt Ion:122 Resp: 67019
 Ion Ratio Lower Upper
 122 100
 107 137.2 104.4 156.6
 121 64.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.501 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Tgt Ion: 93 Resp: 76607
 Ion Ratio Lower Upper
 93 100
 95 33.7 26.0 39.0
 123 14.0 10.6 15.8

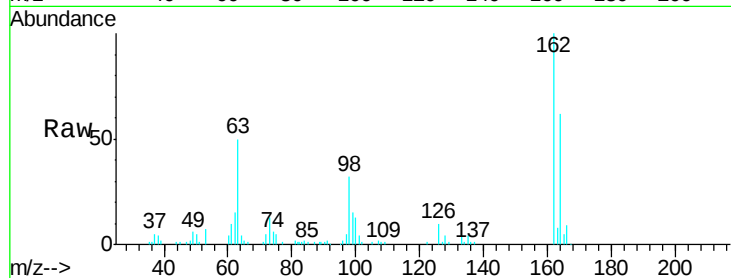




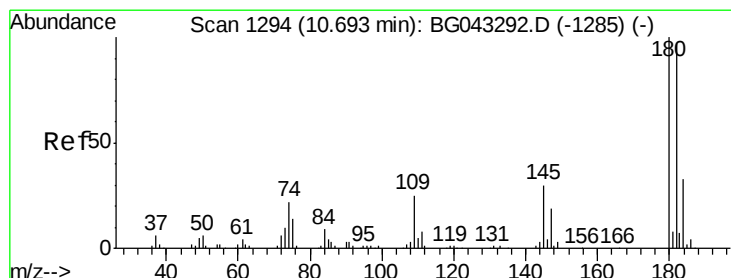
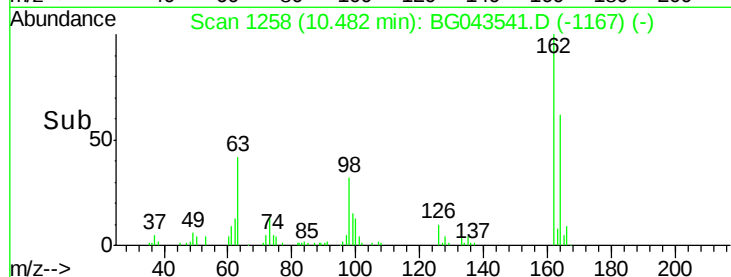
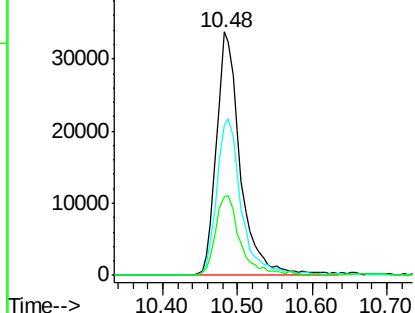
#29
2,4-Dichlorophenol
Concen: 43.969 ng
RT: 10.48 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tgt Ion:162 Resp: 75178
Ion Ratio Lower Upper
162 100
164 61.6 48.9 88.9
98 32.0 15.1 55.1

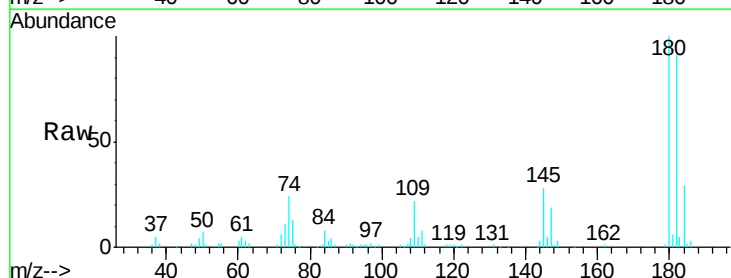


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

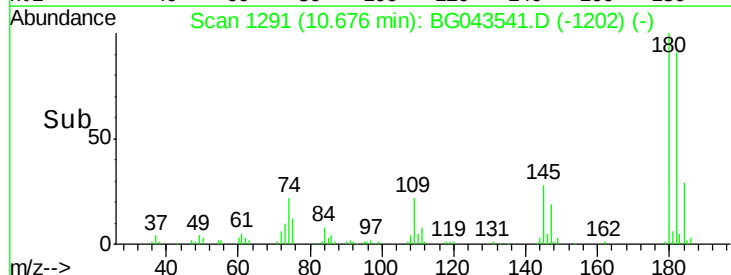
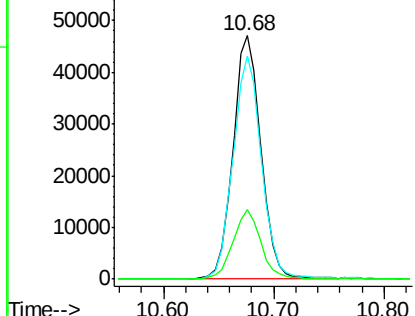


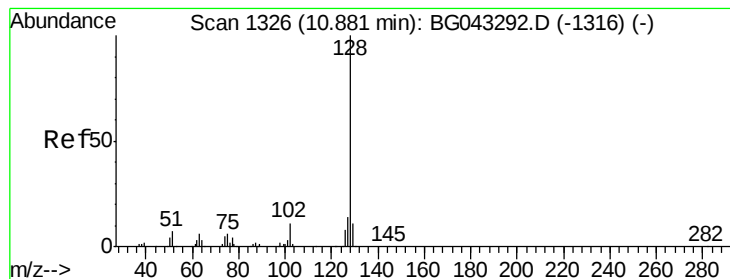
#30
1,2,4-Trichlorobenzene
Concen: 38.898 ng
RT: 10.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion:180 Resp: 83824
Ion Ratio Lower Upper
180 100
182 91.5 75.1 112.7
145 28.3 23.9 35.9



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.894 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

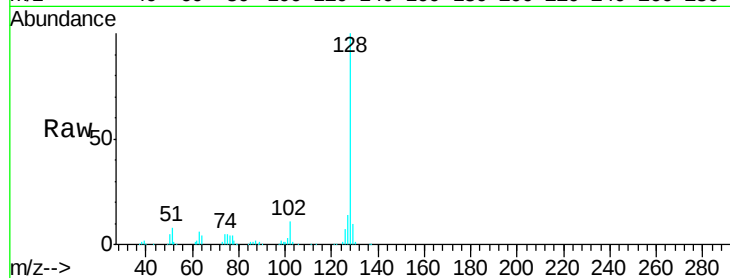
Tgt Ion:128 Resp: 216647

Ion Ratio Lower Upper

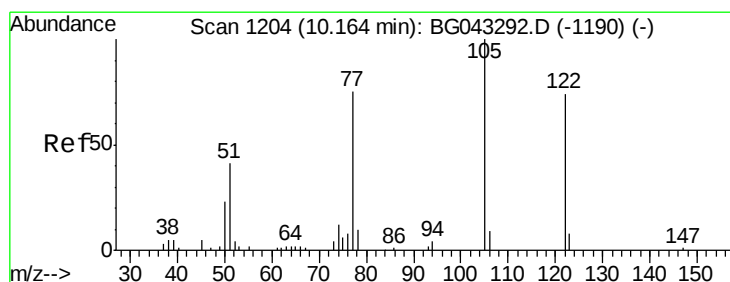
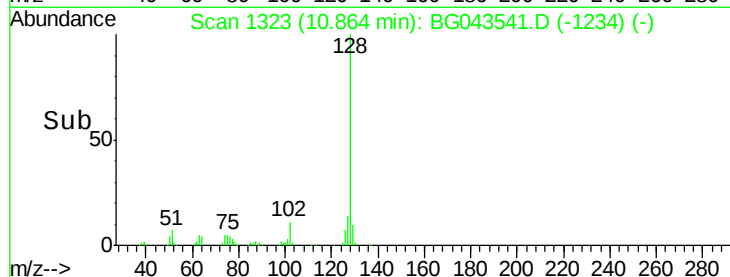
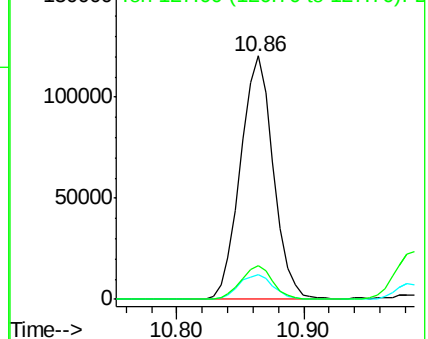
128 100

129 10.1 9.4 14.0

127 13.9 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: 37.594 ng

RT: 10.18 min Scan# 1207

Delta R.T. 0.02 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

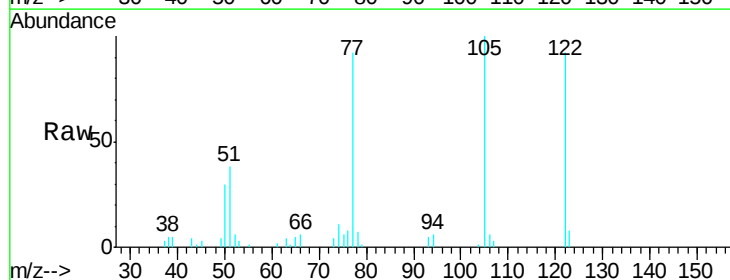
Tgt Ion:122 Resp: 35843

Ion Ratio Lower Upper

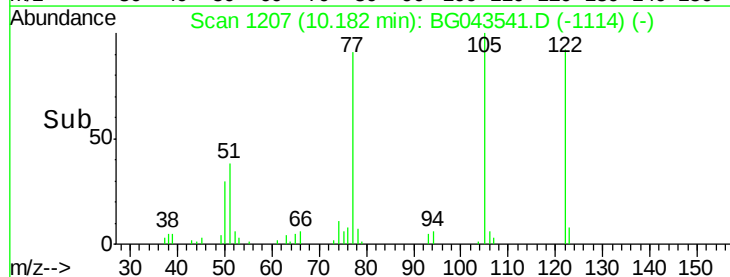
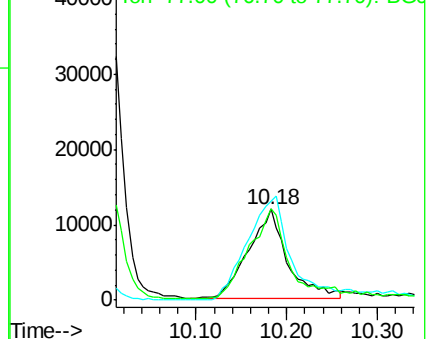
122 100

105 108.9 103.3 143.3

77 100.3 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): BGC

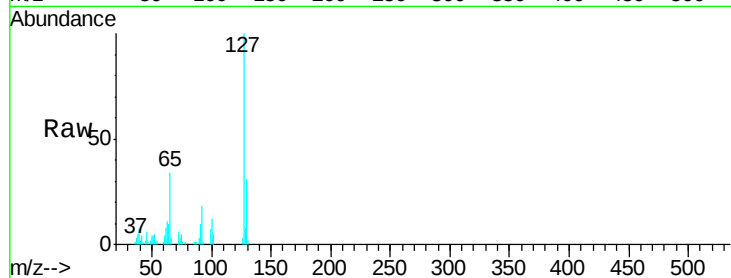




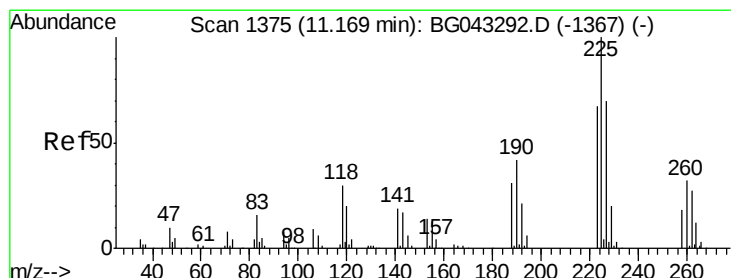
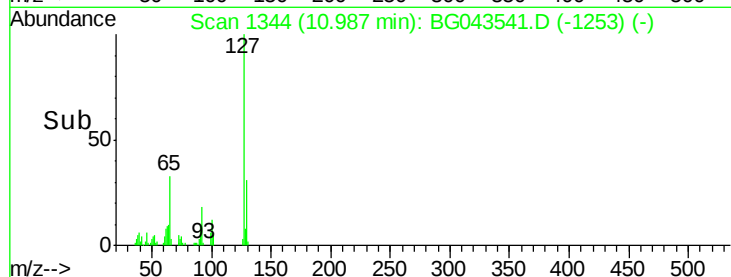
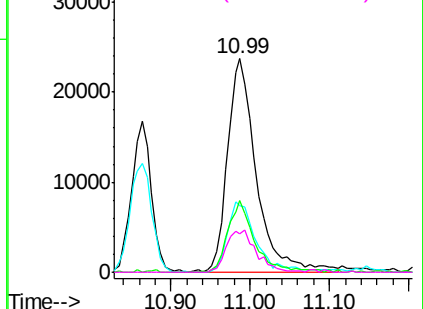
#33
4-Chloroaniline
Concen: 27.434 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tgt Ion:	127	Resp:	59575
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.5	39.7
65	33.7	26.4	39.6
92	18.0	16.2	24.2

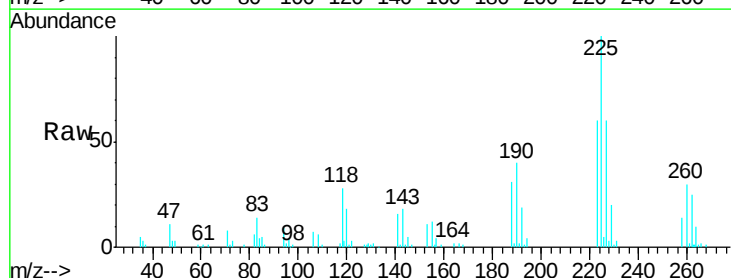


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

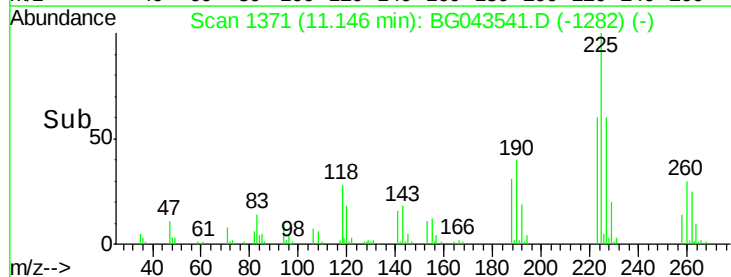
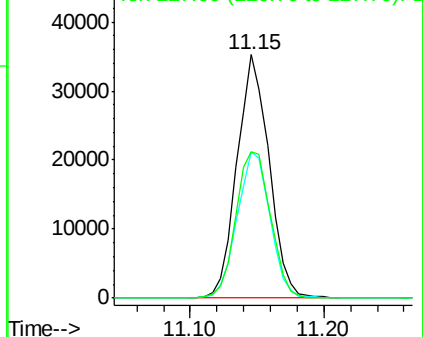


#34
Hexachlorobutadiene
Concen: 36.733 ng
RT: 11.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion:	225	Resp:	58515
Ion	Ratio	Lower	Upper
225	100		
223	60.2	52.7	79.1
227	59.9	54.8	82.2



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





#35

Caprolactam

Concen: 39.121 ng

RT: 11.75 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

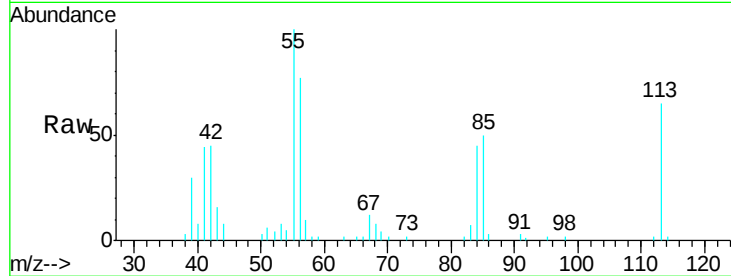
Tgt Ion:113 Resp: 23037

Ion Ratio Lower Upper

113 100

55 154.8 134.1 174.1

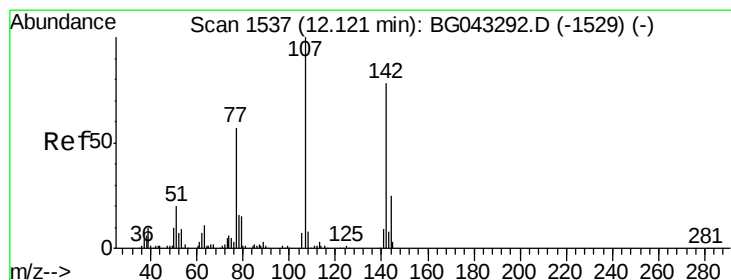
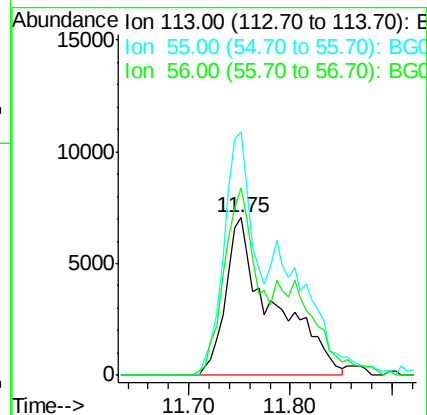
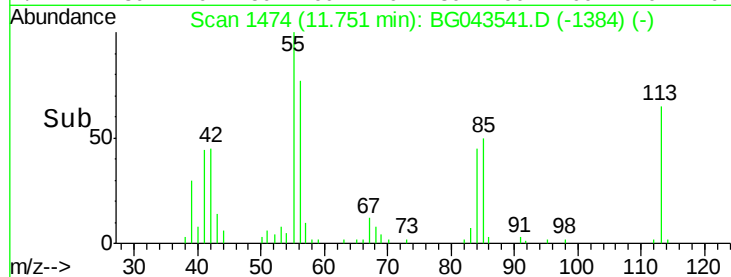
56 119.3 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.775 ng

RT: 12.13 min Scan# 1539

Delta R.T. 0.02 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

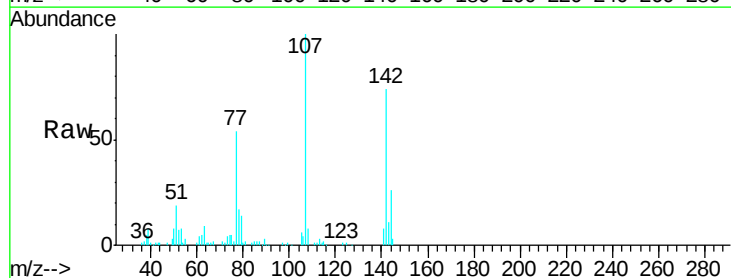
Tgt Ion:107 Resp: 79777

Ion Ratio Lower Upper

107 100

144 25.9 20.9 31.3

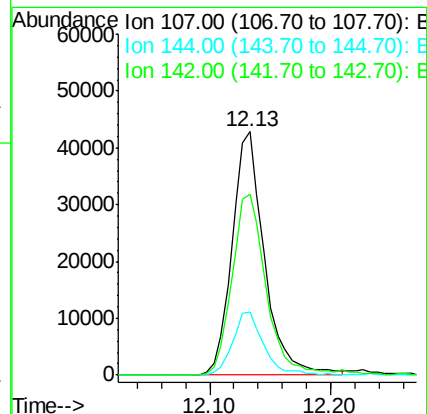
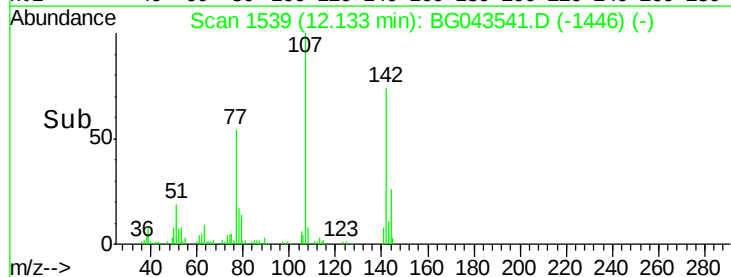
142 74.4 59.6 89.4

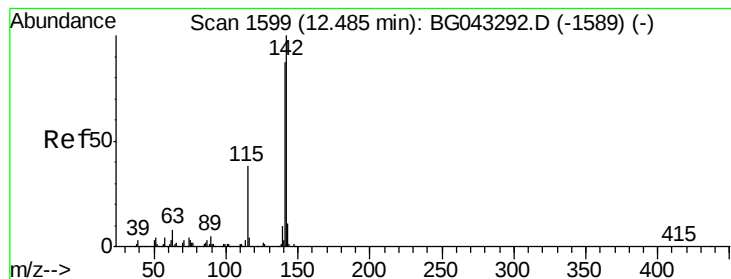


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.597 ng

RT: 12.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

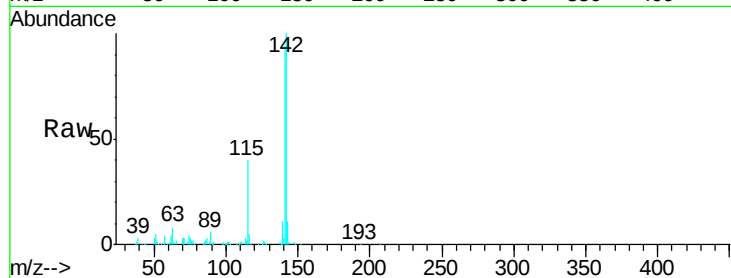
Tgt Ion:142 Resp: 160954

Ion Ratio Lower Upper

142 100

141 93.7 72.2 108.2

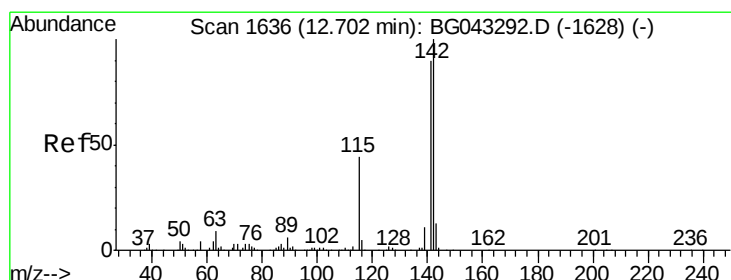
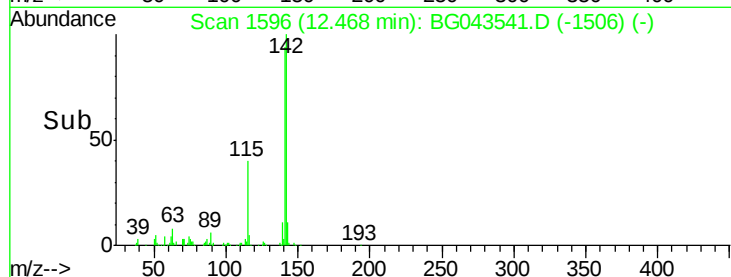
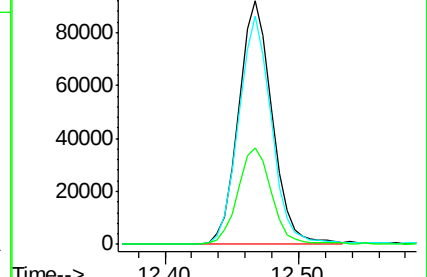
115 39.8 33.2 49.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.731 ng

RT: 12.69 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

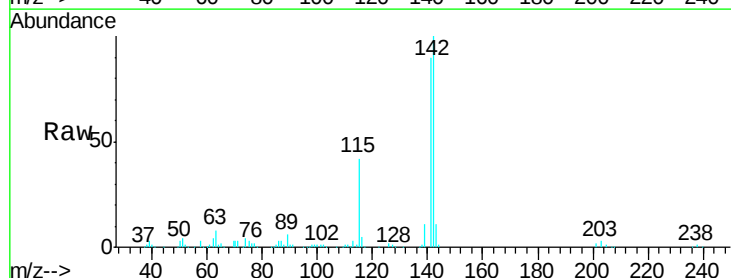
Tgt Ion:142 Resp: 157530

Ion Ratio Lower Upper

142 100

141 90.4 73.2 109.8

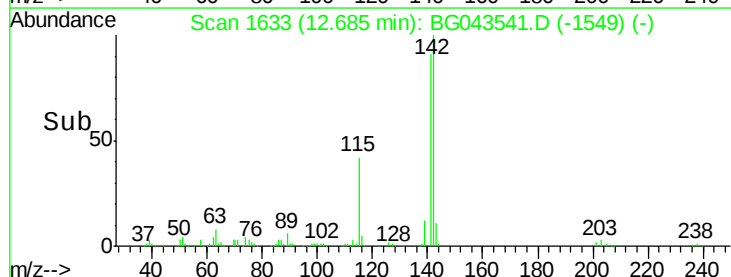
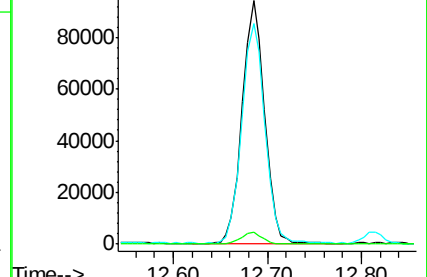
116 5.1 3.6 5.4

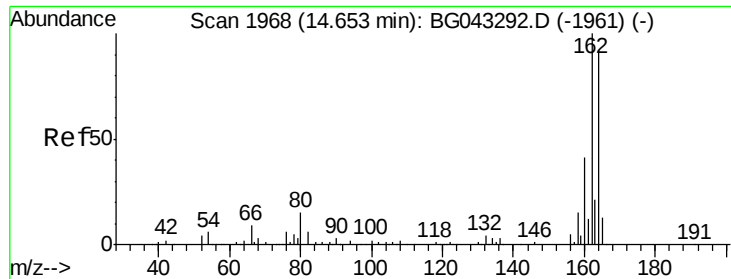


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

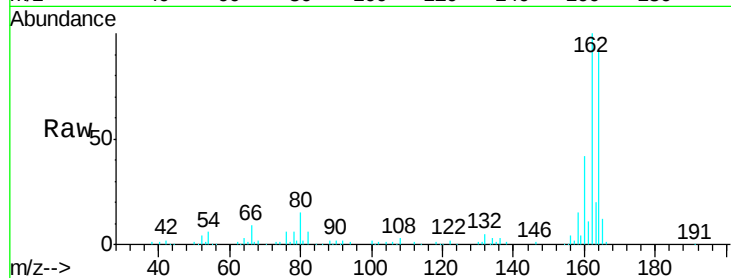
Tgt Ion:164 Resp: 78977

Ion Ratio Lower Upper

164 100

162 108.5 83.5 125.3

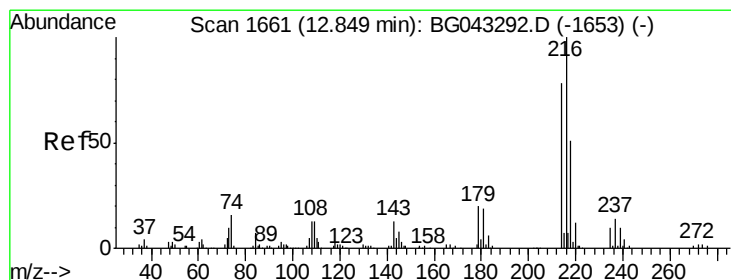
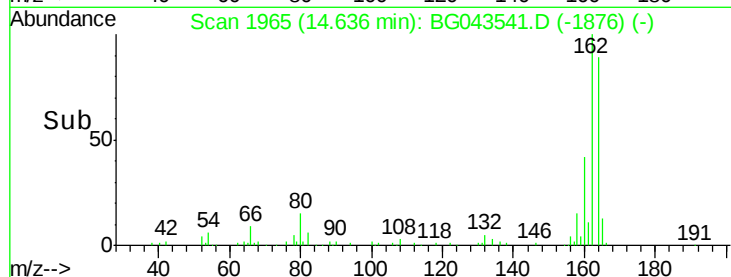
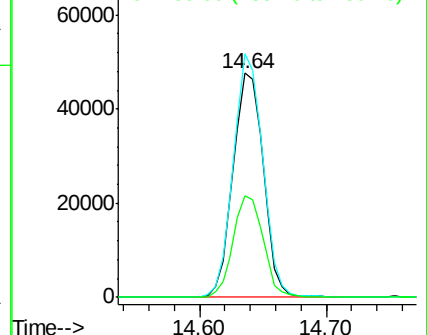
160 45.4 36.5 54.7



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: 36.919 ng

RT: 12.84 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tgt Ion:216 Resp: 107909

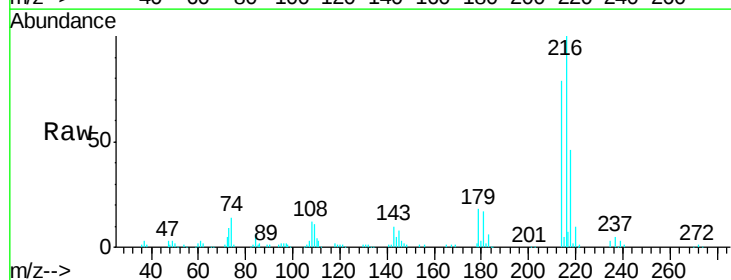
Ion Ratio Lower Upper

216 100

214 77.9 61.7 92.5

179 19.6 15.8 23.8

108 14.8 11.5 17.3

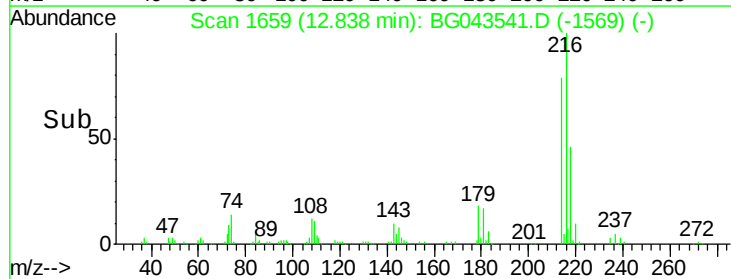
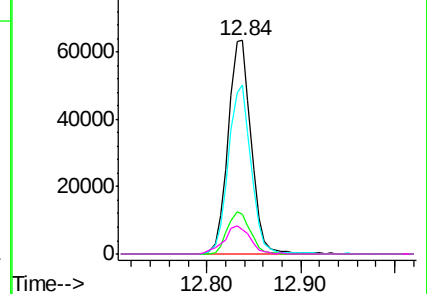


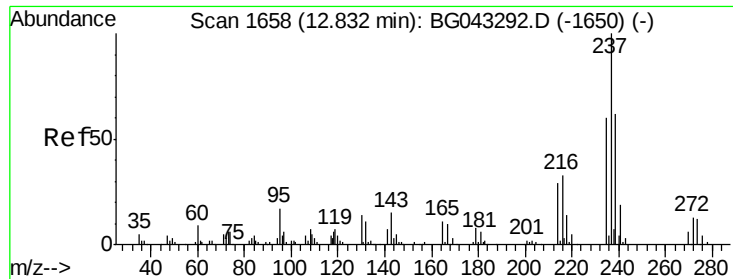
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 44.277 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

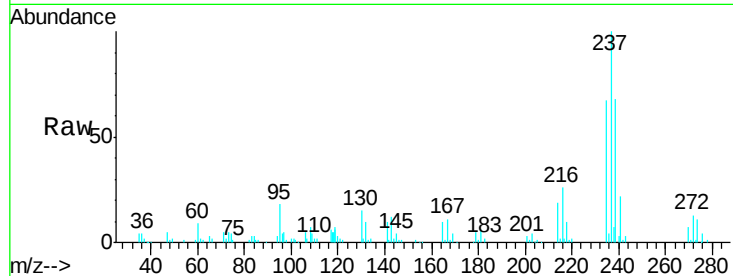
Tgt Ion: 237 Resp: 67982

Ion Ratio Lower Upper

237 100

235 66.7 41.6 81.6

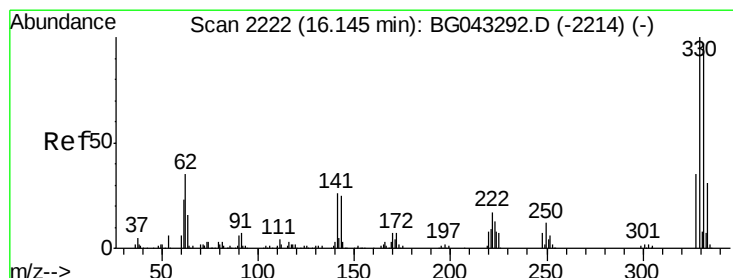
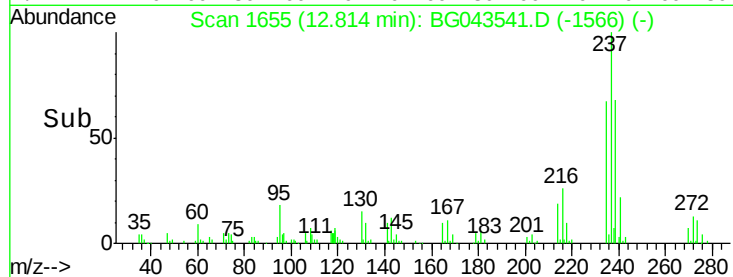
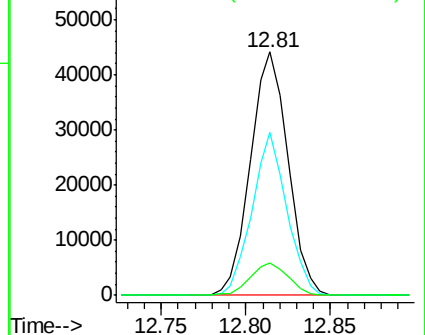
272 13.4 0.0 32.5



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: 102.819 ng

RT: 16.13 min Scan# 2220

Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

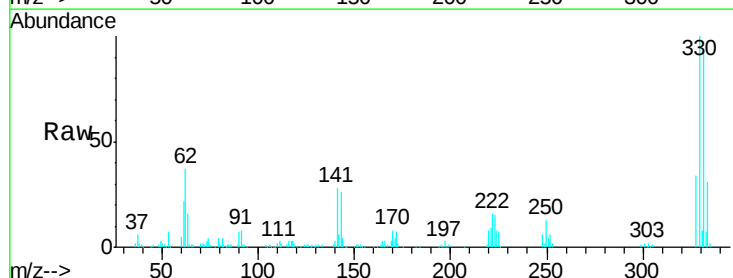
Tgt Ion: 330 Resp: 154531

Ion Ratio Lower Upper

330 100

332 98.1 77.4 116.0

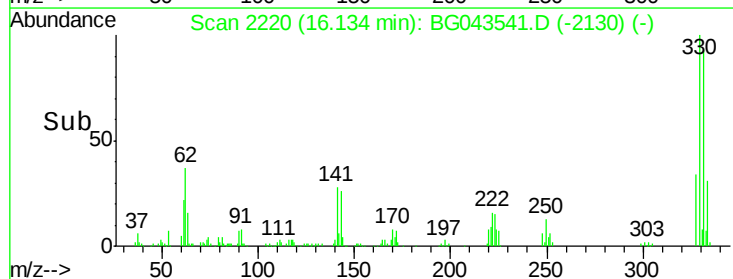
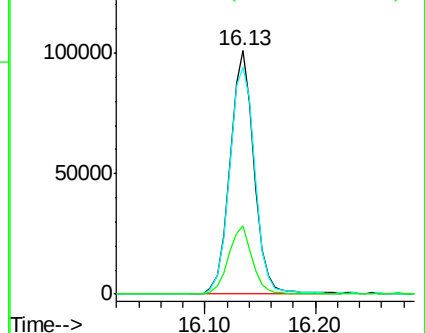
141 27.7 22.8 34.2



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

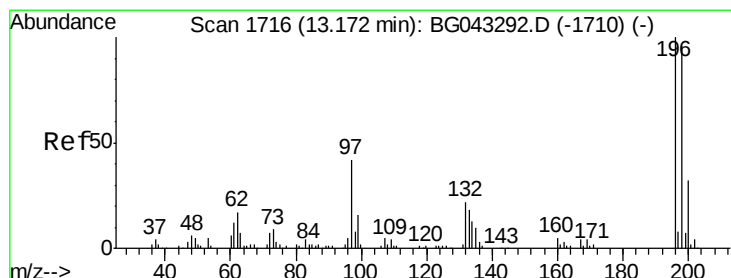
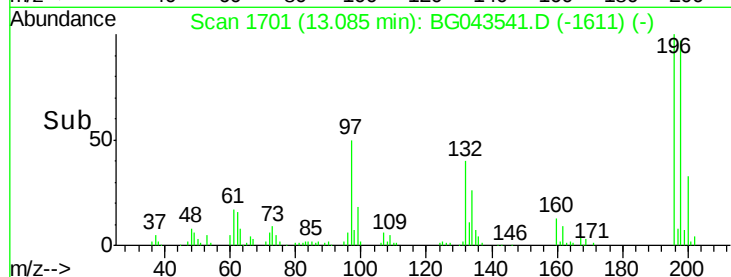
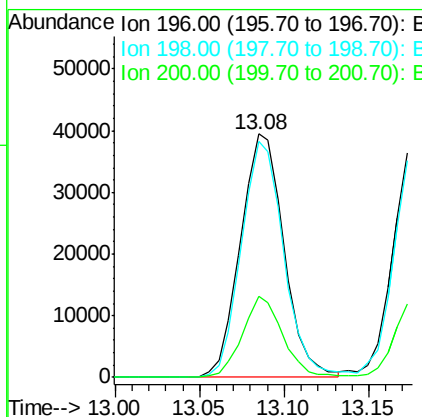
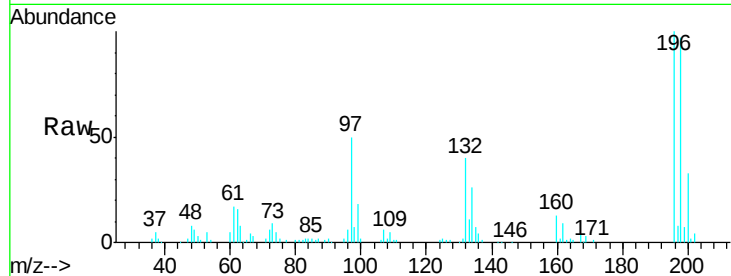




#43
 2,4,6-Trichlorophenol
 Concen: 41.024 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

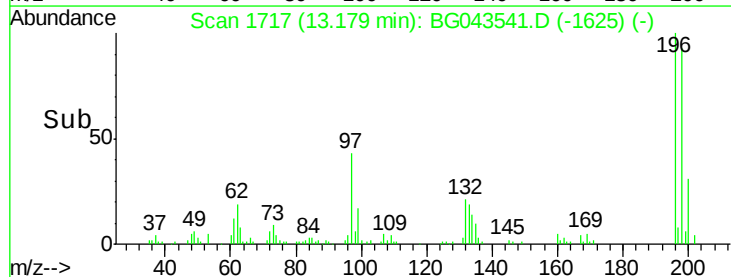
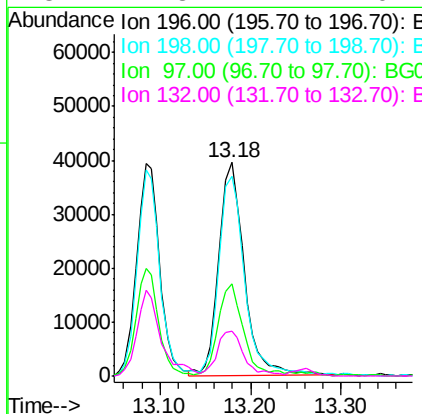
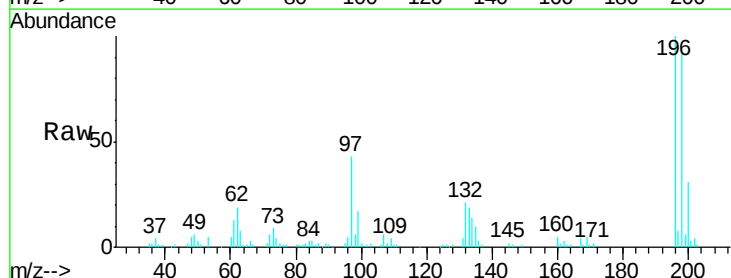
Instrument :
 BNA_G
 ClientSampleID :
 PB124591BS

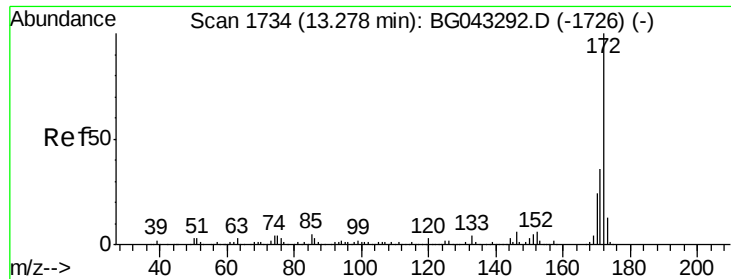
Tgt Ion:196 Resp: 70613
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.8 113.6
 200 33.2 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 43.928 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Tgt Ion:196 Resp: 76442
 Ion Ratio Lower Upper
 196 100
 198 93.5 74.5 111.7
 97 43.4 36.3 54.5
 132 21.3 17.4 26.2

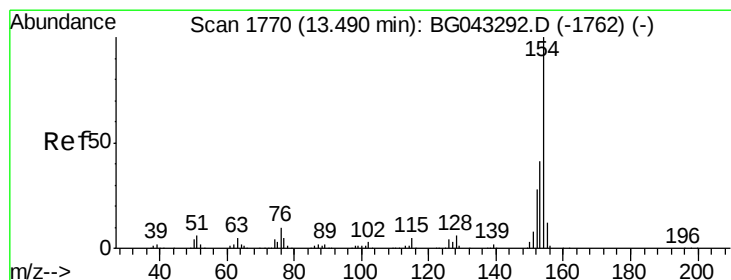
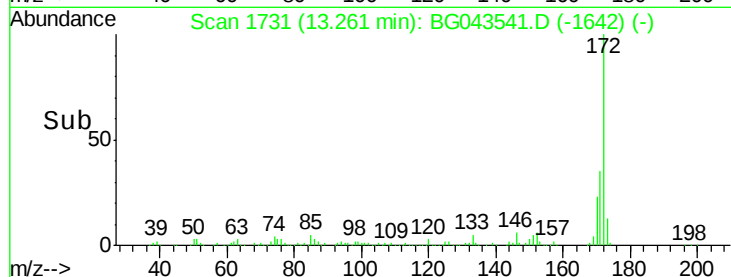
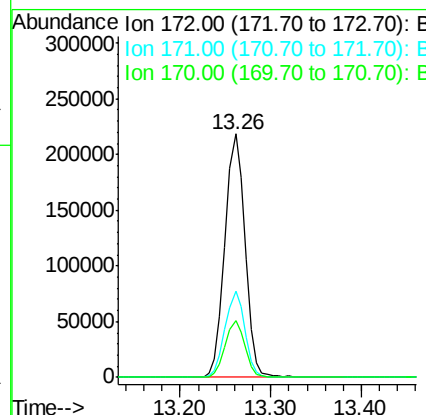
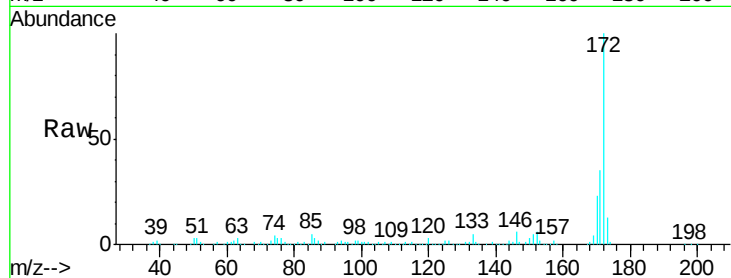




#45
 2-Fluorobiphenyl
 Concen: 58.880 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

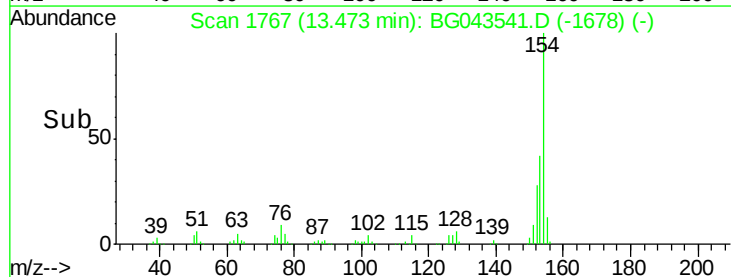
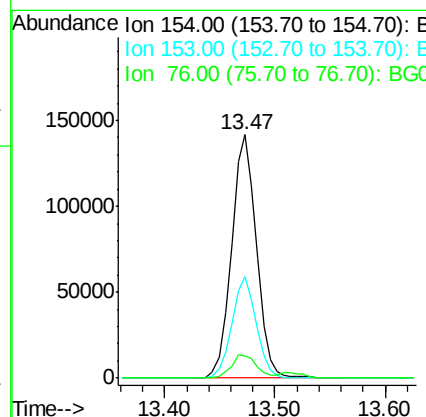
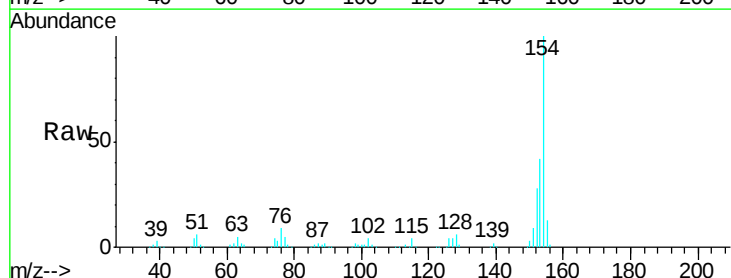
Instrument :
 BNA_G
 ClientSampleId :
 PB124591BS

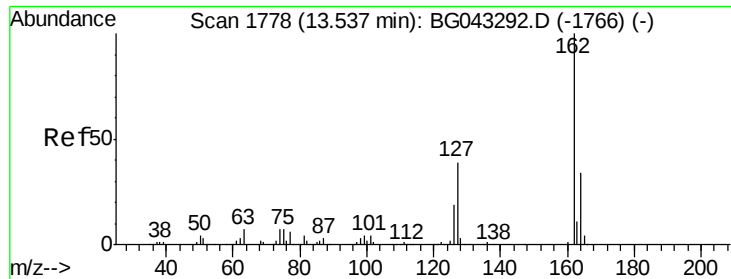
Tgt Ion:172 Resp: 336526
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.9 43.3
 170 23.1 18.5 27.7



#46
 1,1'-Biphenyl
 Concen: 37.263 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Tgt Ion:154 Resp: 223882
 Ion Ratio Lower Upper
 154 100
 153 41.8 19.9 59.9
 76 8.9 0.0 29.4

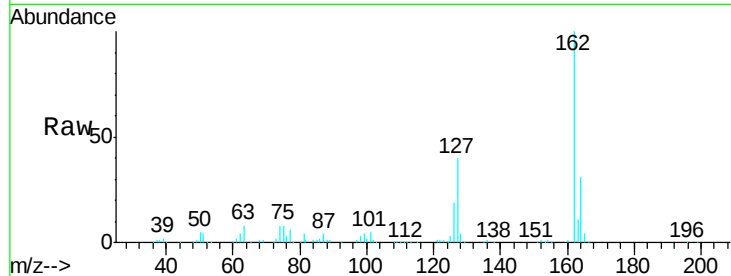




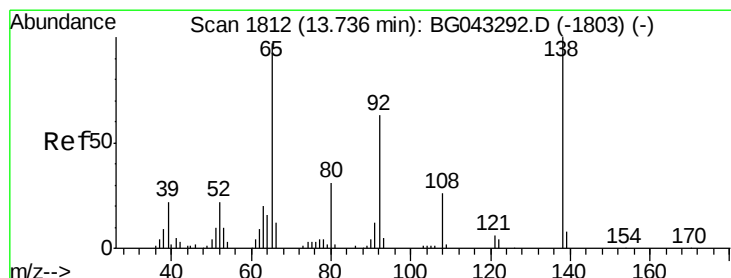
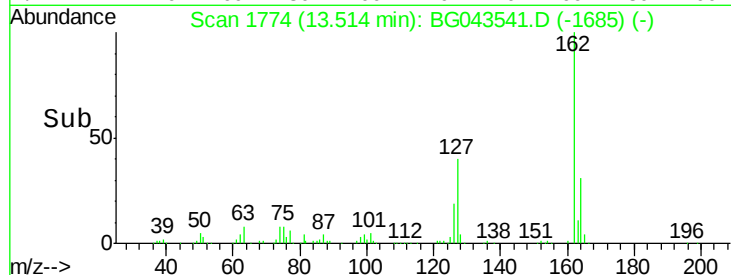
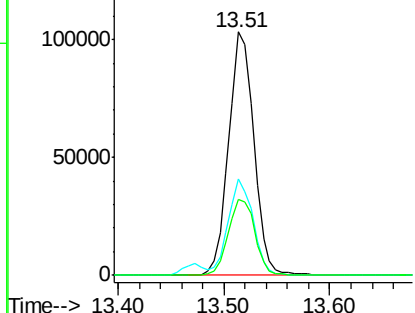
#47
2-Chloronaphthalene
Concen: 37.339 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tgt Ion: 162 Resp: 170694
Ion Ratio Lower Upper
162 100
127 39.8 31.2 46.8
164 31.4 25.8 38.8

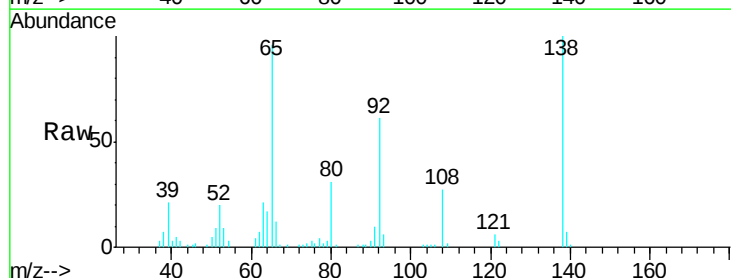


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

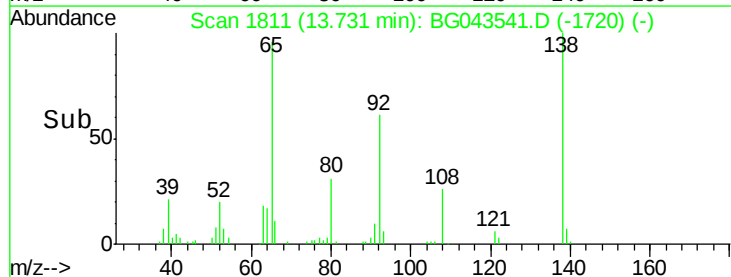
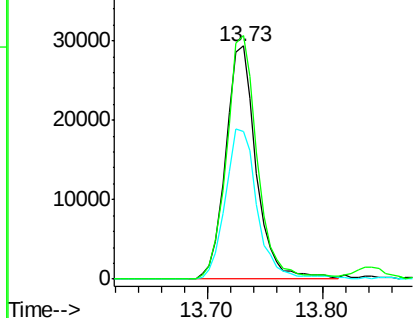


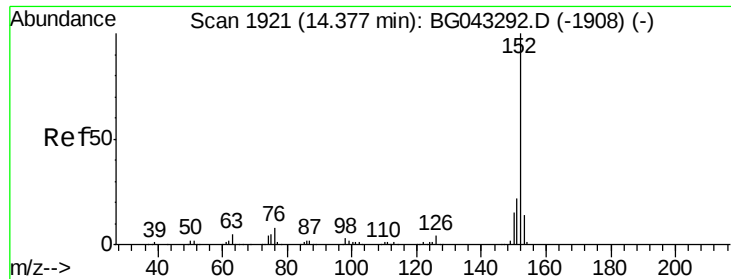
#48
2-Nitroaniline
Concen: 39.275 ng
RT: 13.73 min Scan# 1811
Delta R.T. 0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion: 65 Resp: 53662
Ion Ratio Lower Upper
65 100
92 63.5 56.2 84.2
138 104.5 82.6 123.8



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.965 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

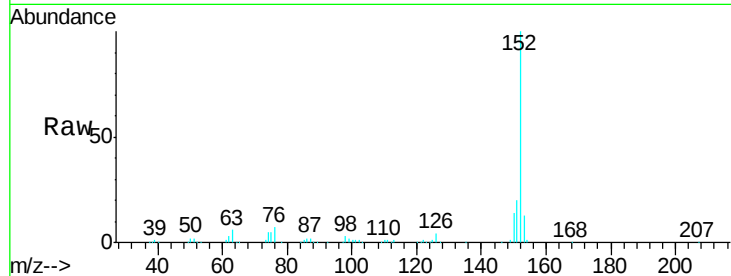
Tgt Ion:152 Resp: 284340

Ion Ratio Lower Upper

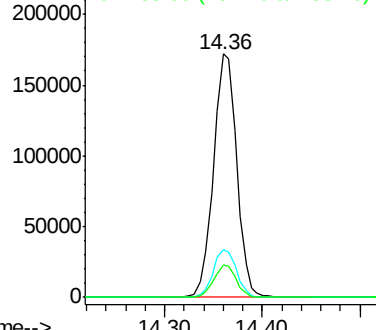
152 100

151 19.6 16.2 24.4

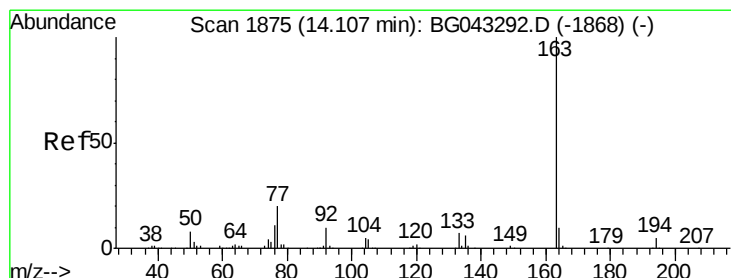
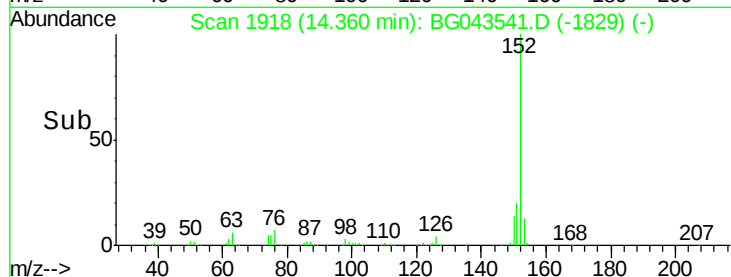
153 13.4 10.6 15.8



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



Time-->



#50

Dimethylphthalate

Concen: 38.414 ng

RT: 14.10 min Scan# 1873

Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

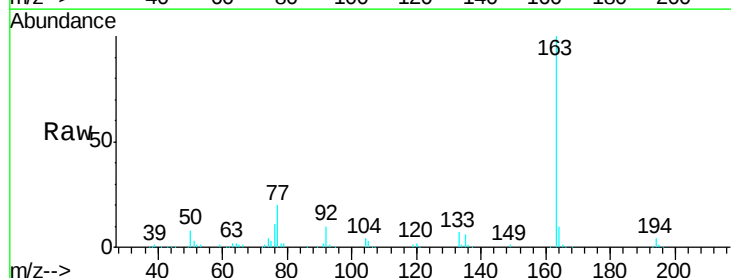
Tgt Ion:163 Resp: 234991

Ion Ratio Lower Upper

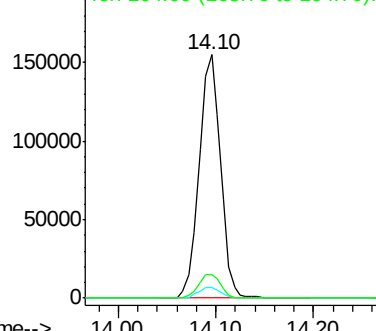
163 100

194 4.1 3.8 5.6

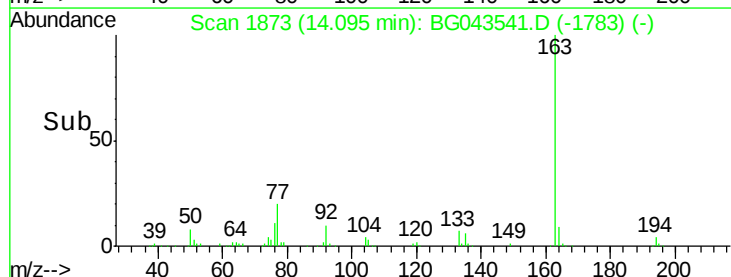
164 9.6 8.9 13.3

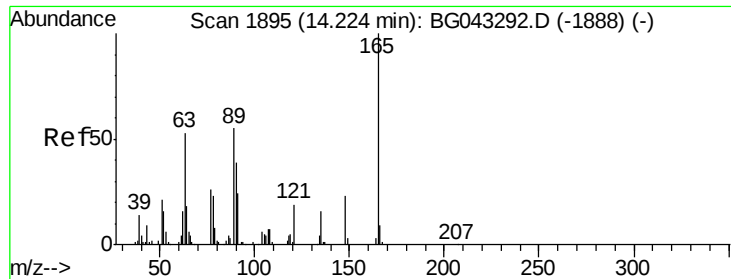


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

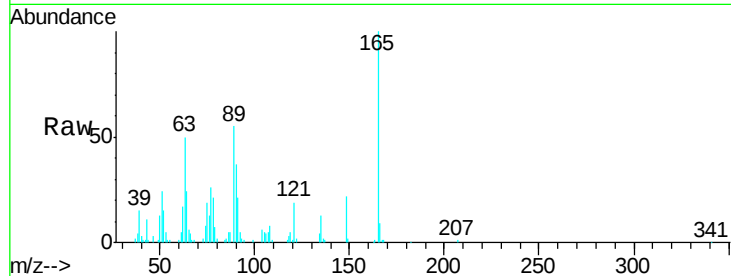




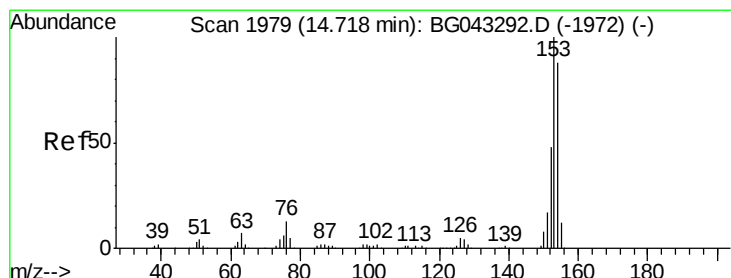
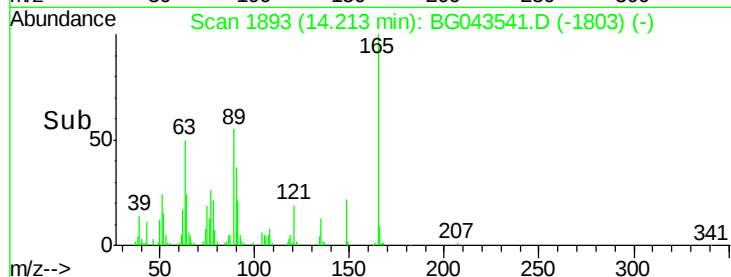
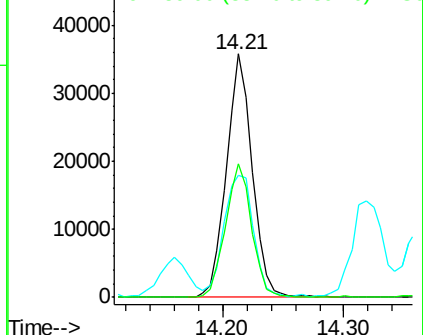
#51
2,6-Dinitrotoluene
Concen: 39.941 ng
RT: 14.21 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tgt Ion:165 Resp: 53080
Ion Ratio Lower Upper
165 100
63 50.3 46.6 69.8
89 54.6 45.1 67.7

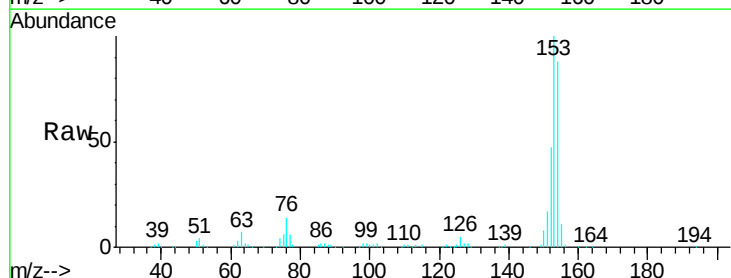


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

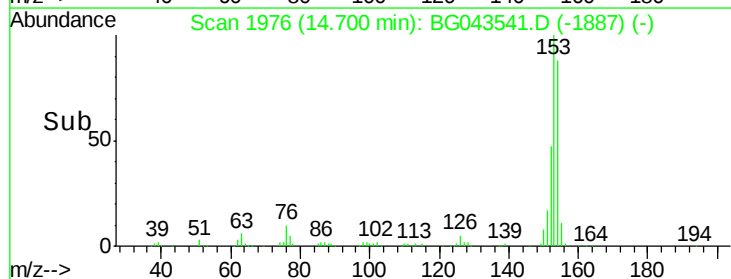
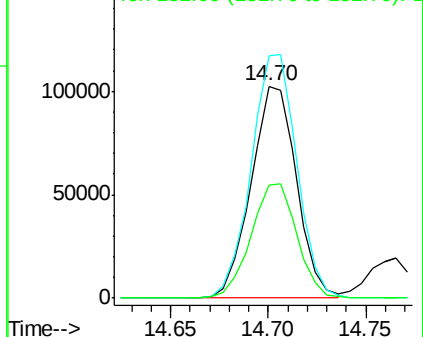


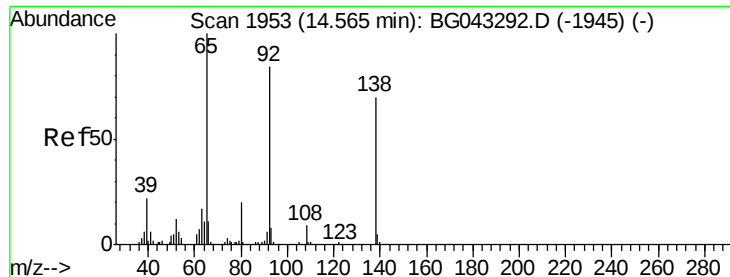
#52
Acenaphthene
Concen: 38.027 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion:154 Resp: 164992
Ion Ratio Lower Upper
154 100
153 114.1 88.2 132.2
152 53.4 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: 28.267 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

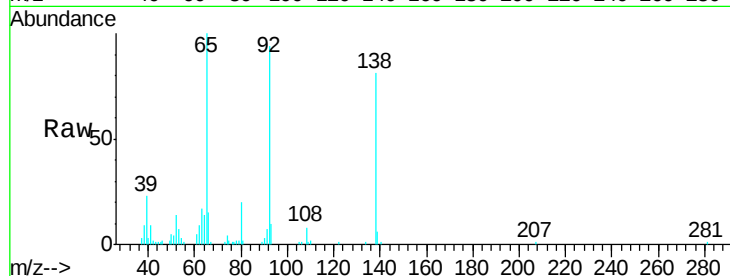
Tgt Ion:138 Resp: 36269

Ion Ratio Lower Upper

138 100

108 10.5 8.0 12.0

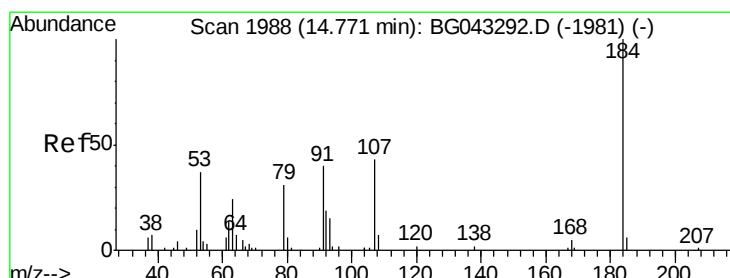
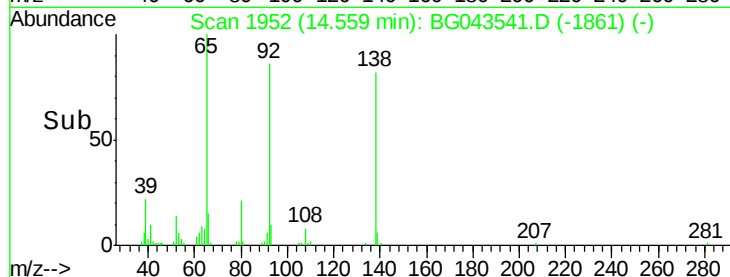
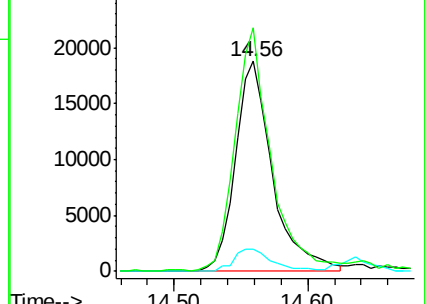
92 116.1 90.9 136.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 65.698 ng

RT: 14.76 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

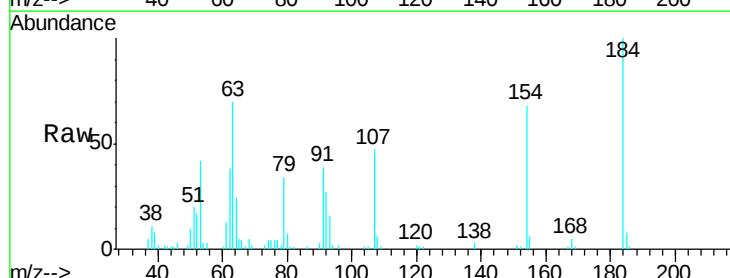
Tgt Ion:184 Resp: 53333

Ion Ratio Lower Upper

184 100

63 69.7 51.3 76.9

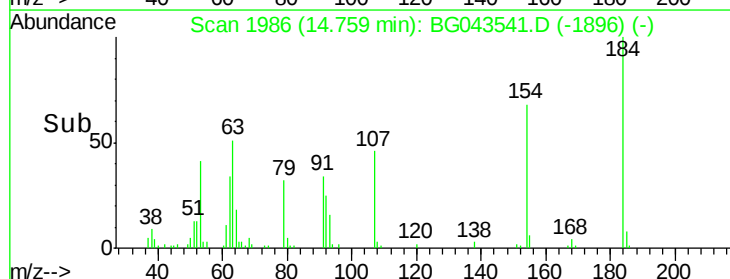
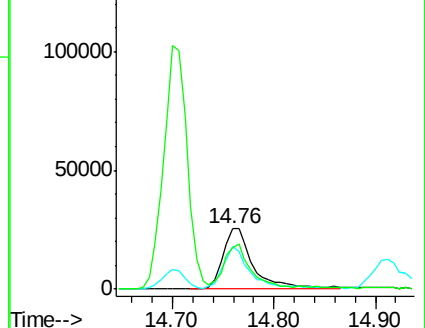
154 68.3 55.4 83.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 39.407 ng

RT: 15.04 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

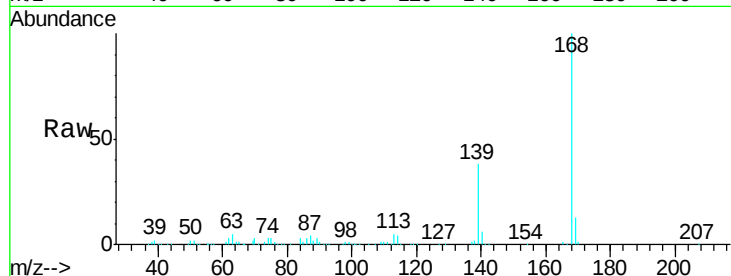
Tgt Ion:168 Resp: 277272

Ion Ratio Lower Upper

168 100

139 37.8 31.0 46.6

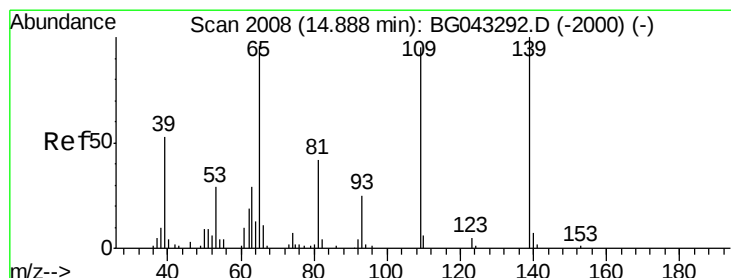
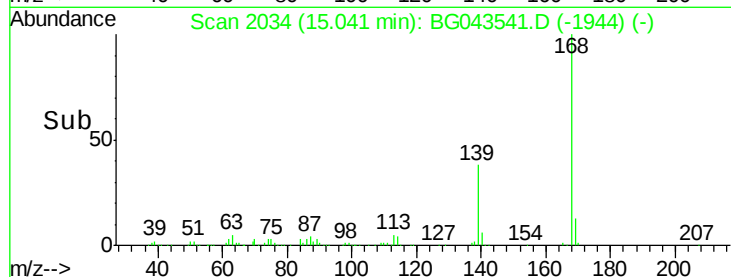
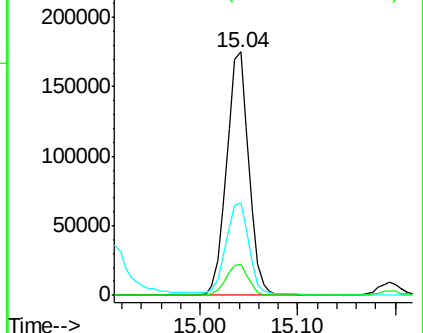
169 12.7 11.7 17.5



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: 90.784 ng

RT: 14.91 min Scan# 2012

Delta R.T. 0.03 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

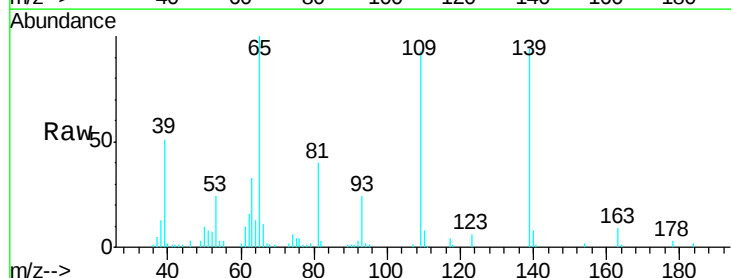
Tgt Ion:139 Resp: 78060

Ion Ratio Lower Upper

139 100

109 99.3 87.2 127.2

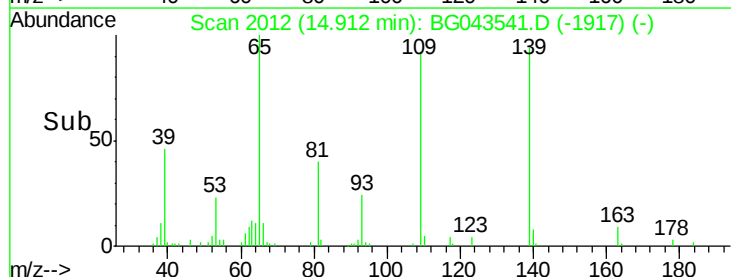
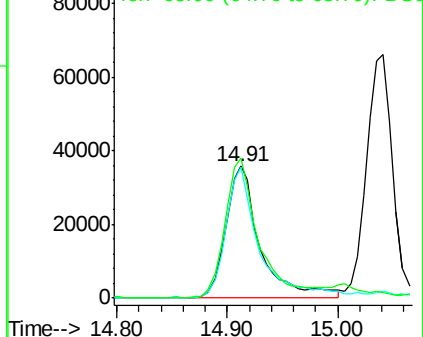
65 106.4 83.8 123.8

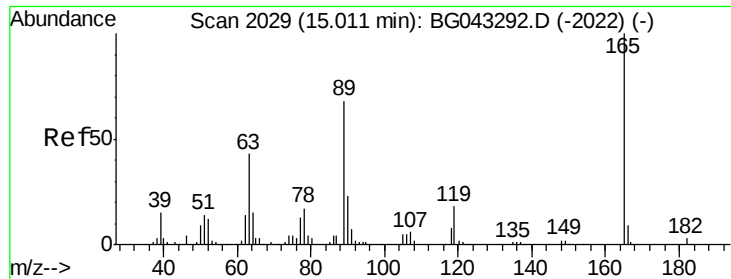


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

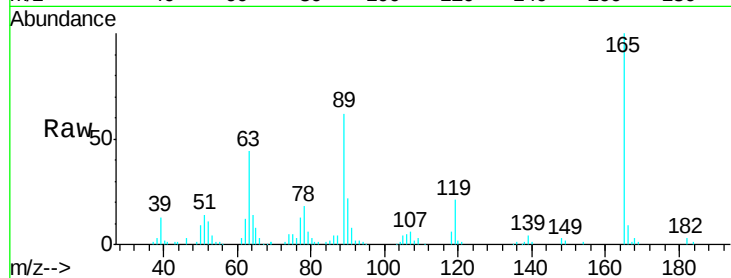




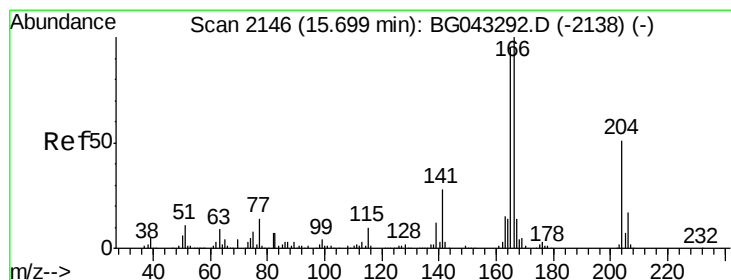
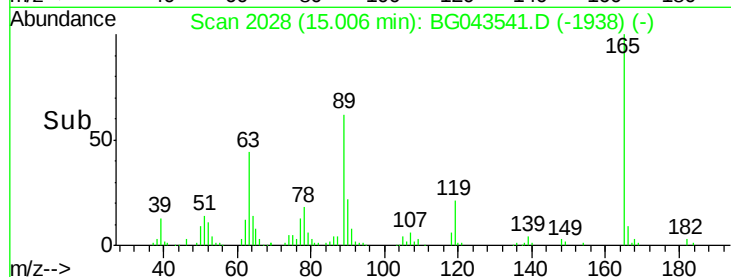
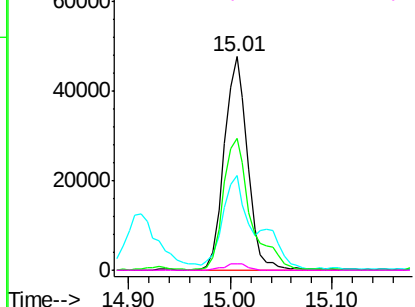
#57
2,4-Dinitrotoluene
Concen: 40.252 ng
RT: 15.01 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tgt Ion:165 Resp: 76449
Ion Ratio Lower Upper
165 100
63 44.1 33.2 49.8
89 62.0 52.2 78.4
182 2.9 2.0 3.0

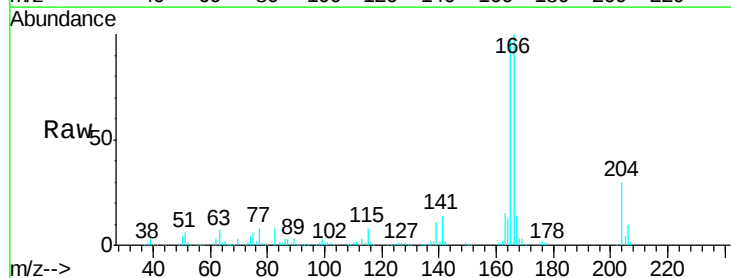


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

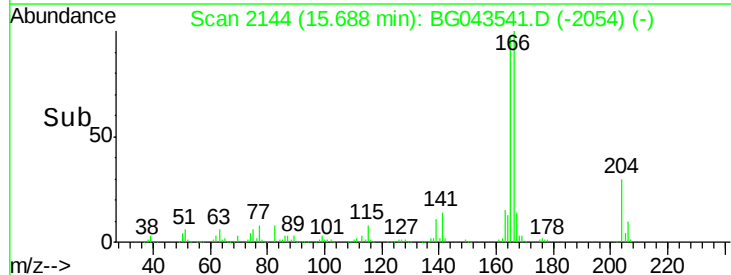
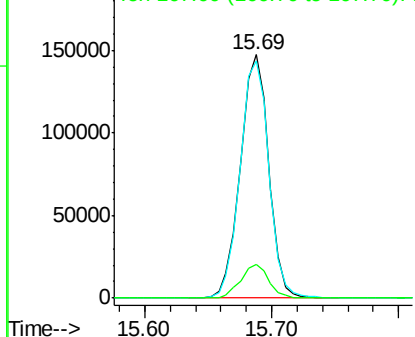


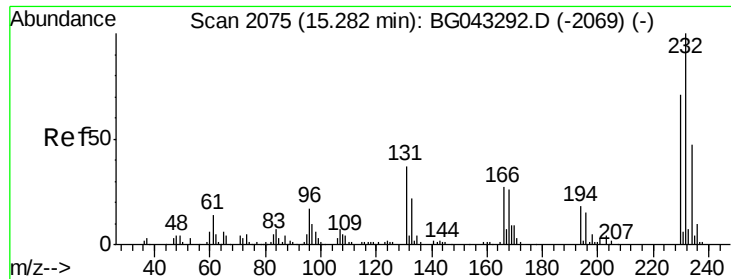
#58
Fluorene
Concen: 38.647 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion:166 Resp: 228068
Ion Ratio Lower Upper
166 100
165 97.4 79.0 118.6
167 14.0 10.5 15.7



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

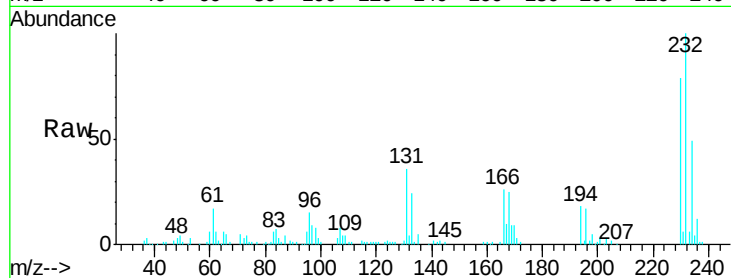




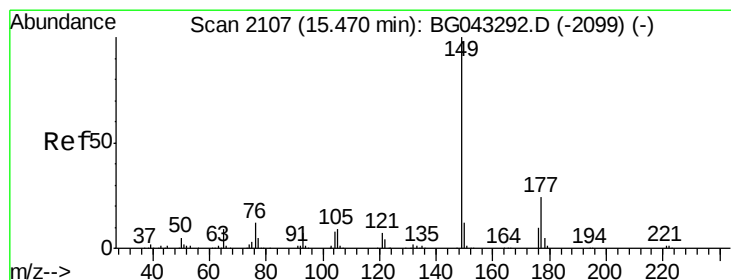
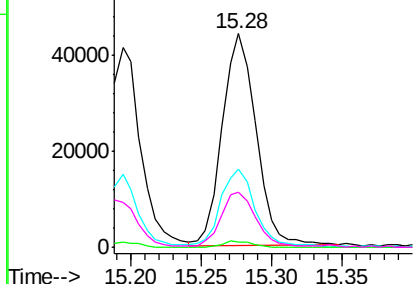
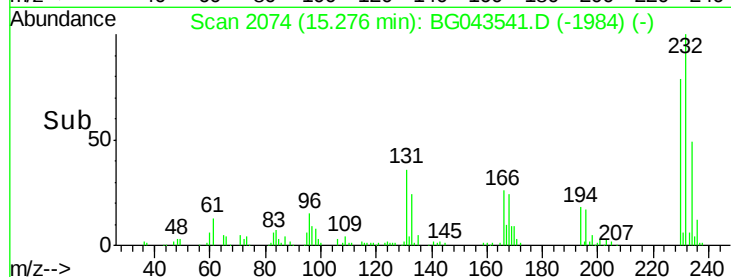
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.105 ng
 RT: 15.28 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Instrument :
 BNA_G
 ClientSampleId :
 PB124591BS

Tgt Ion:232 Resp: 74149
 Ion Ratio Lower Upper
 232 100
 131 37.9 26.9 40.3
 130 2.3 1.8 2.6
 166 26.0 20.9 31.3

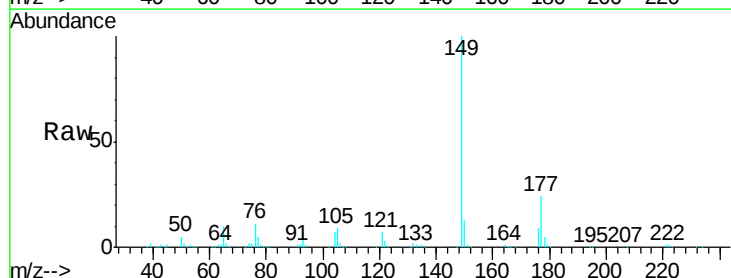


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

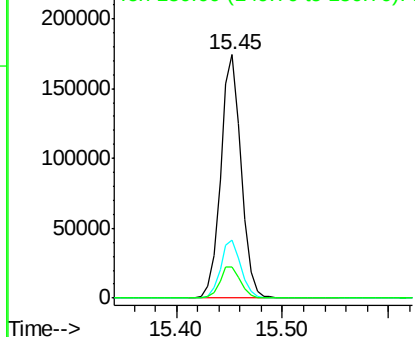
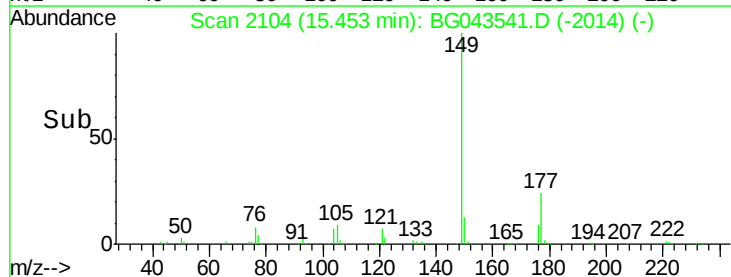


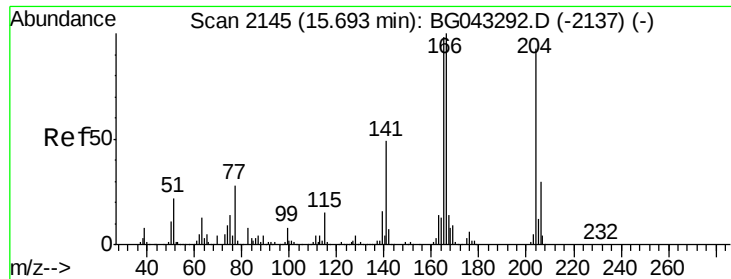
#60
 Diethylphthalate
 Concen: 38.026 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Tgt Ion:149 Resp: 233730
 Ion Ratio Lower Upper
 149 100
 177 23.8 19.6 29.4
 150 13.0 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

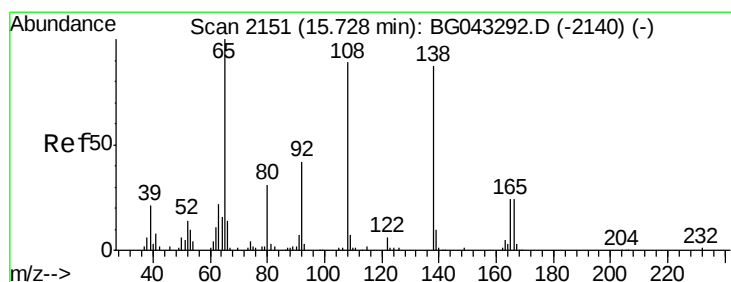
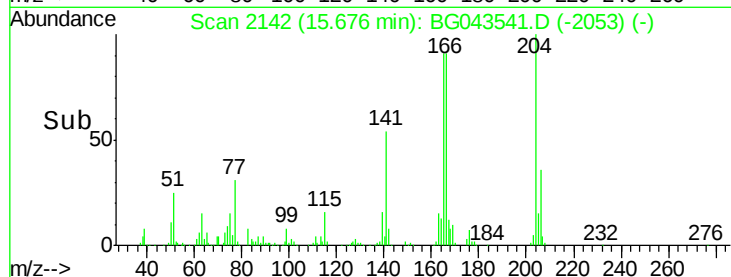
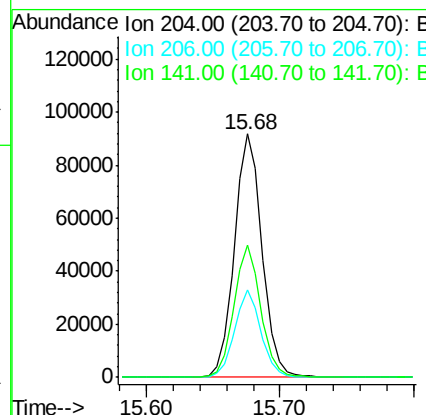
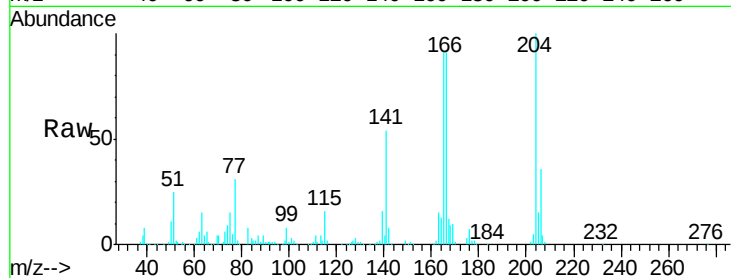




#61
 4-Chlorophenyl-phenylether
 Concen: 38.485 ng
 RT: 15.68 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

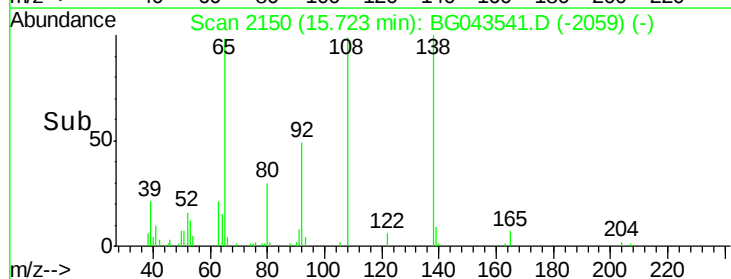
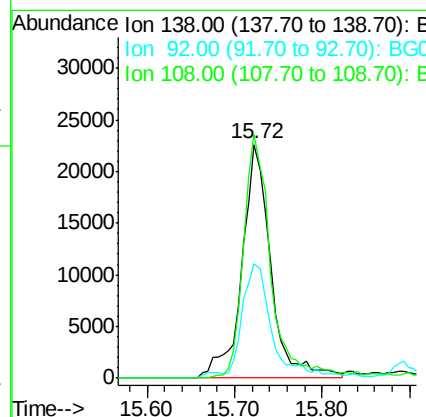
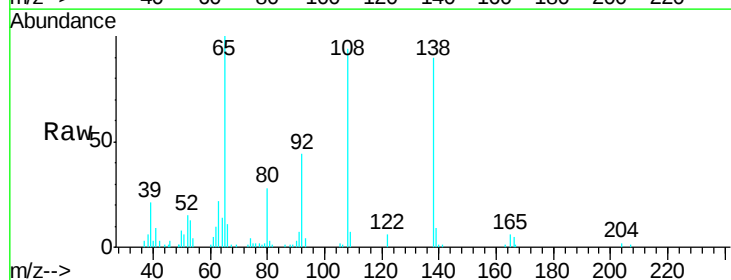
Instrument :
 BNA_G
 ClientSampleId :
 PB124591BS

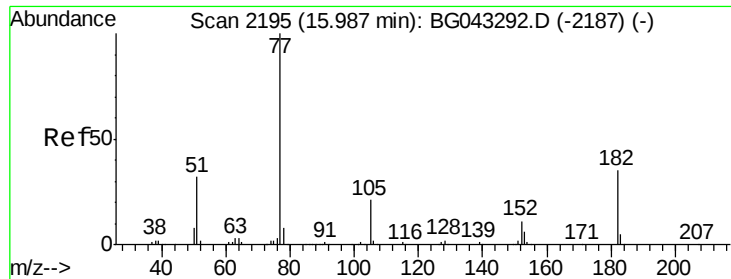
Tgt Ion: 204 Resp: 132490
 Ion Ratio Lower Upper
 204 100
 206 35.7 28.4 42.6
 141 54.3 43.0 64.6



#62
 4-Nitroaniline
 Concen: 38.188 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.01 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Tgt Ion: 138 Resp: 50604
 Ion Ratio Lower Upper
 138 100
 92 48.8 33.4 73.4
 108 104.2 78.0 118.0

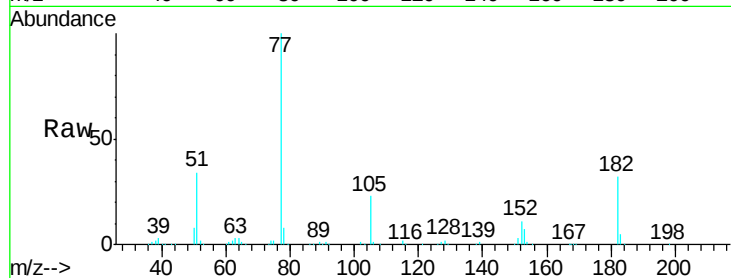




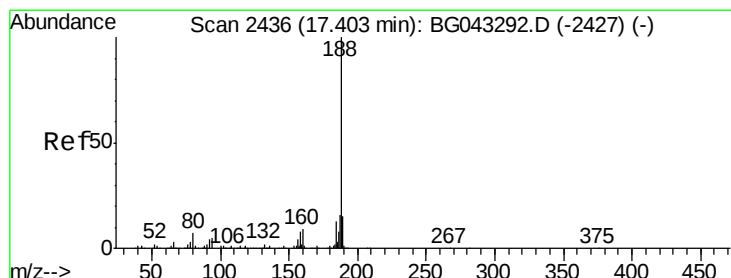
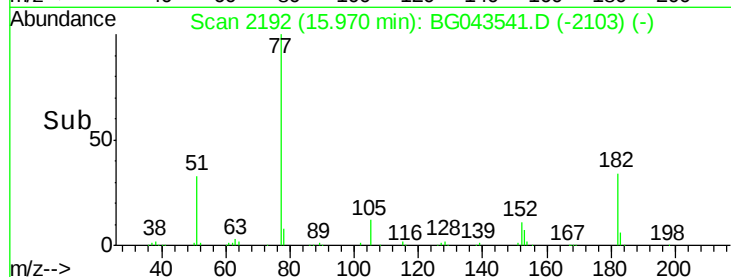
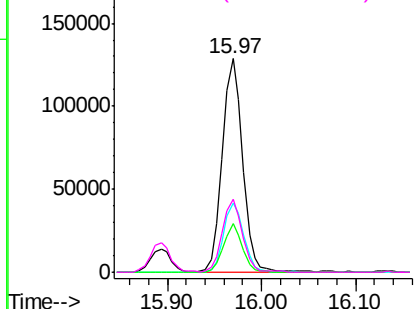
#63
Azobenzene
Concen: 38.903 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.3	13.7	53.7
105	22.6	0.4	40.4
51	33.9	11.0	51.0

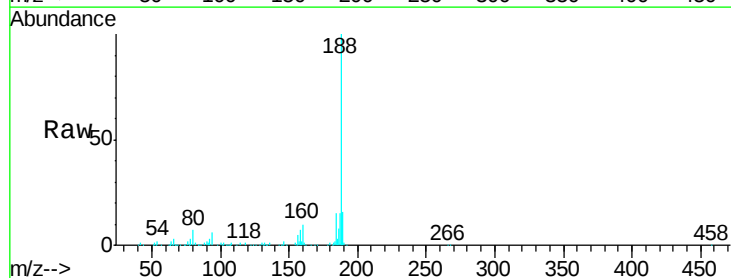


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

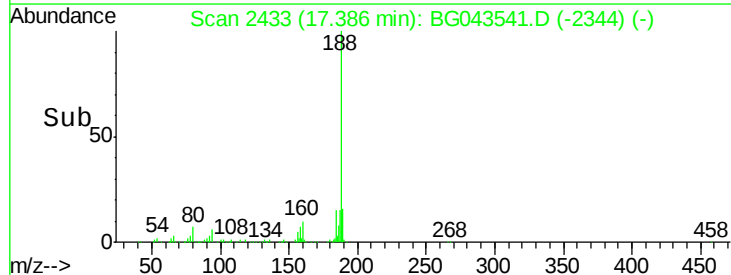
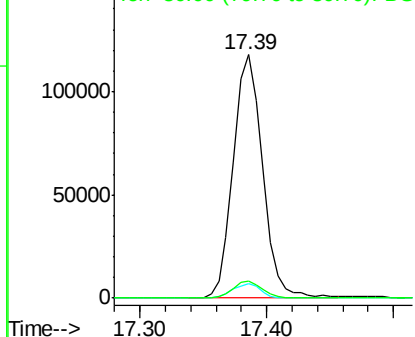


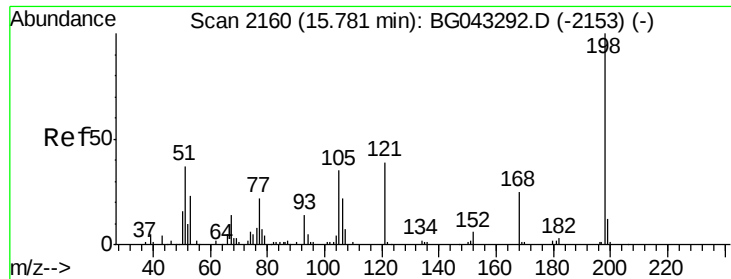
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.2	6.4
80	7.2	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

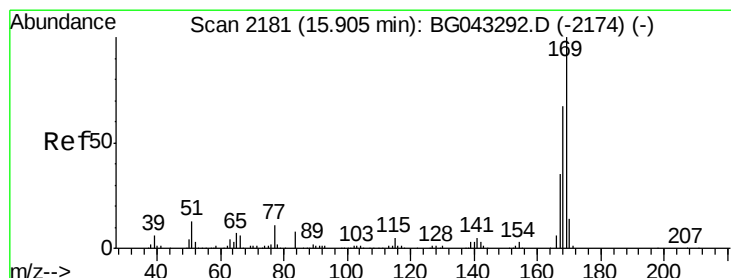
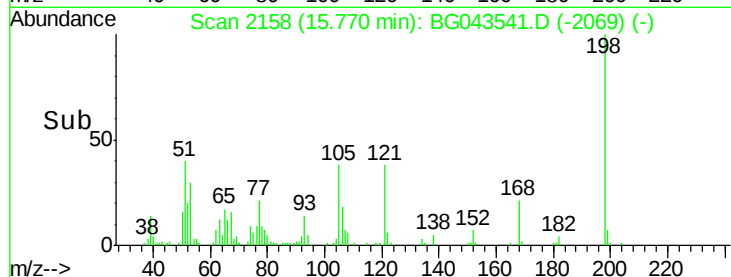
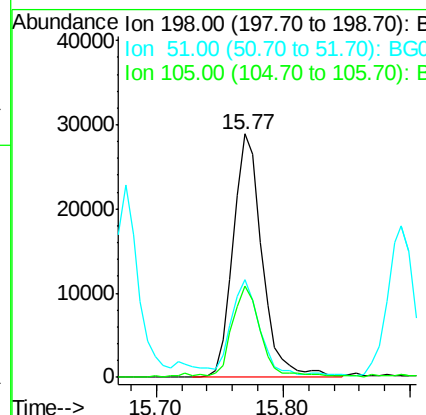
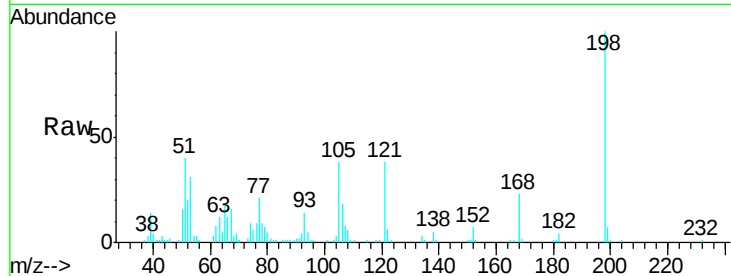




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.157 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

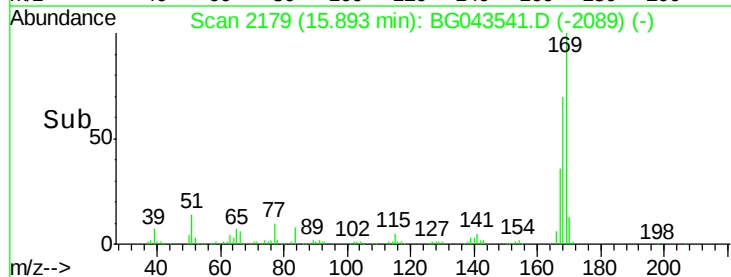
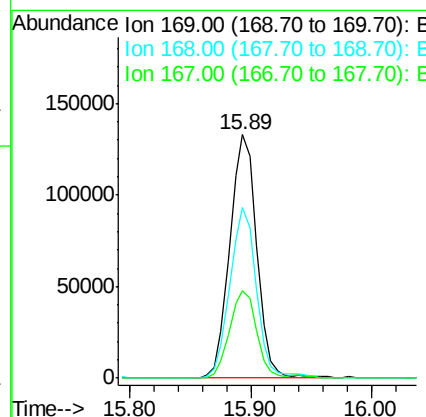
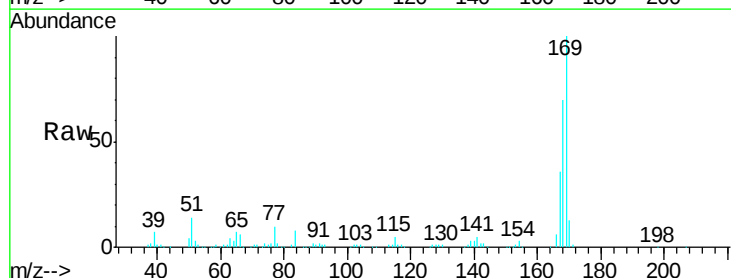
Instrument :
 BNA_G
 ClientSampleId :
 PB124591BS

Tgt Ion:198 Resp: 45692
 Ion Ratio Lower Upper
 198 100
 51 40.0 13.2 53.2
 105 37.5 15.8 55.8



#66
 n-Nitrosodiphenylamine
 Concen: 38.675 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Tgt Ion:169 Resp: 205982
 Ion Ratio Lower Upper
 169 100
 168 70.3 53.8 80.6
 167 36.1 27.5 41.3

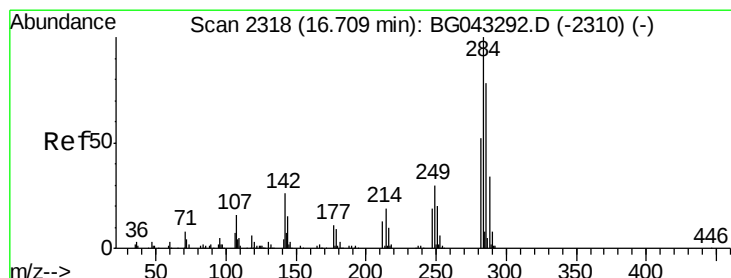
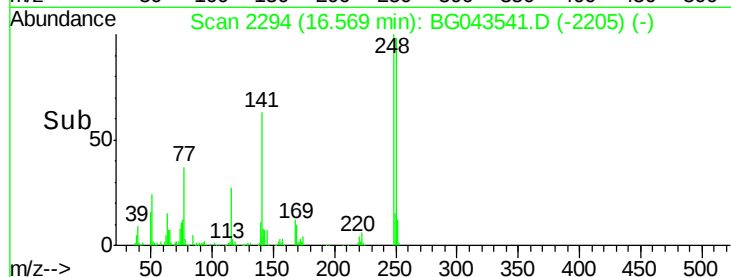
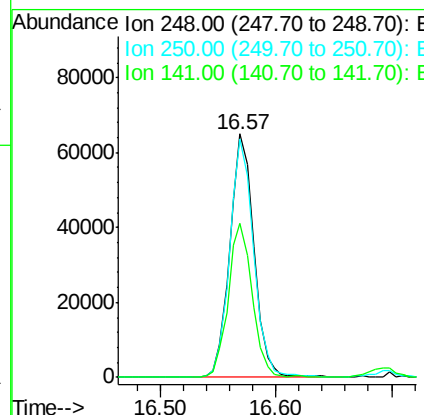
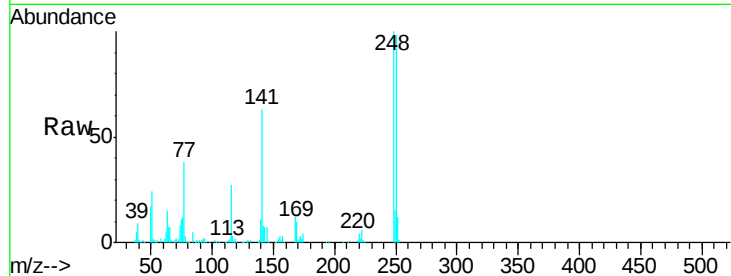




#67
4-Bromophenyl-phenylether
Concen: 36.948 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

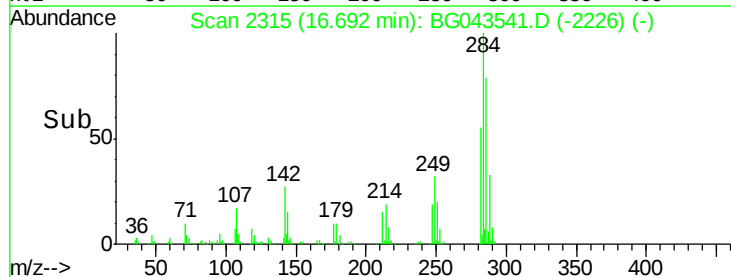
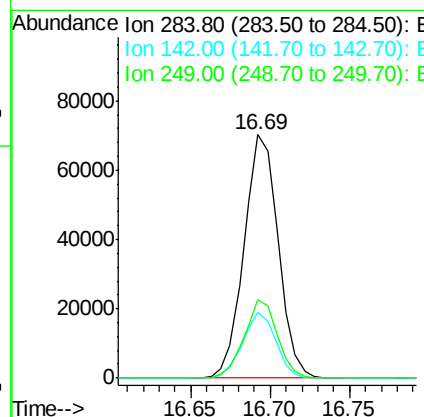
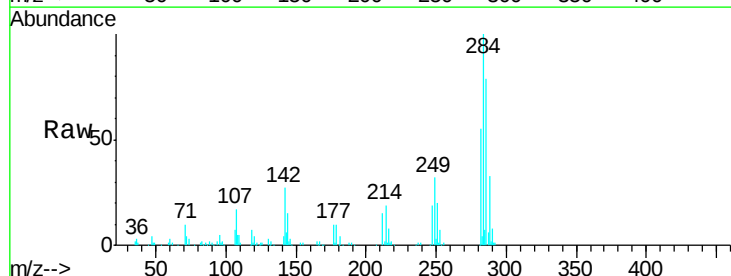
Instrument :
BNA_G
ClientSampleId :
PB124591BS

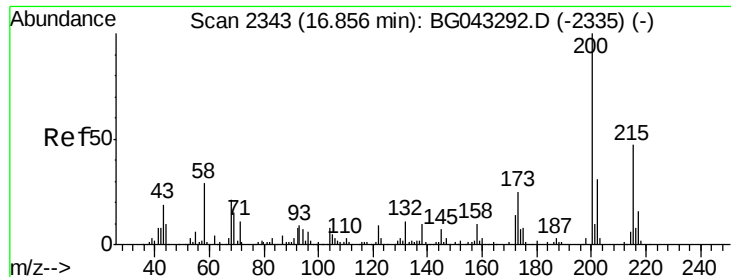
Tgt Ion:248 Resp: 93801
Ion Ratio Lower Upper
248 100
250 97.9 77.0 115.4
141 63.4 47.5 71.3



#68
Hexachlorobenzene
Concen: 36.111 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion:284 Resp: 105234
Ion Ratio Lower Upper
284 100
142 27.1 19.8 29.8
249 32.2 23.8 35.6

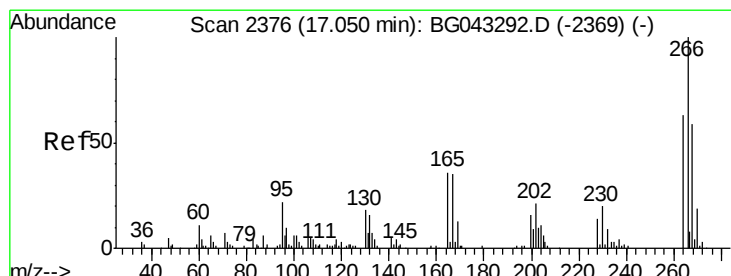
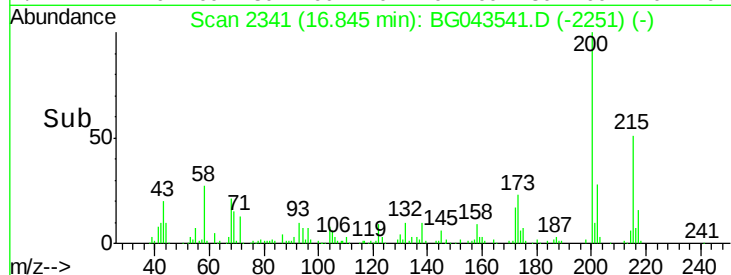
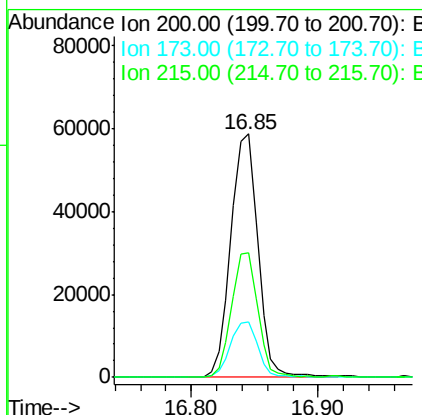
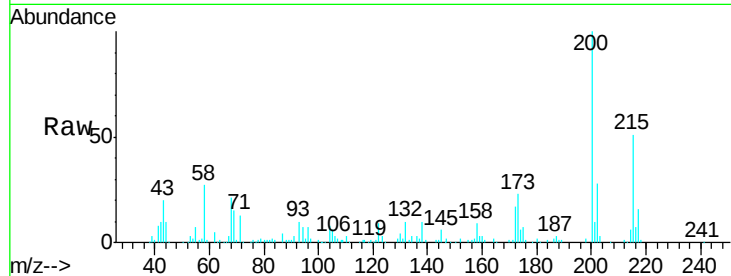




#69
Atrazine
Concen: 47.119 ng
RT: 16.85 min Scan# 2341
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

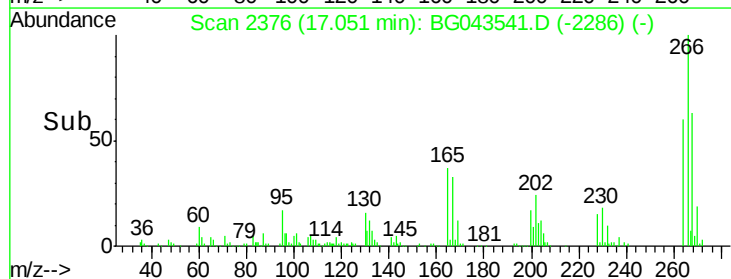
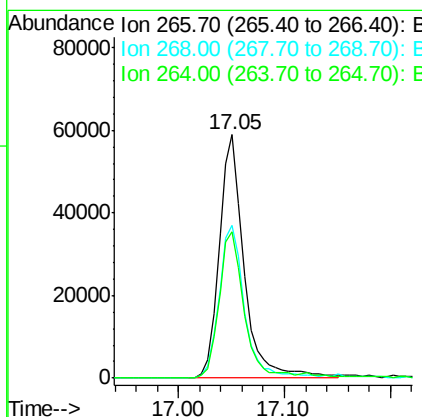
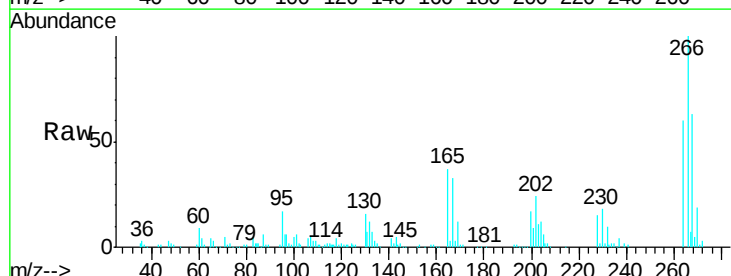
Instrument :
BNA_G
ClientSampleId :
PB124591BS

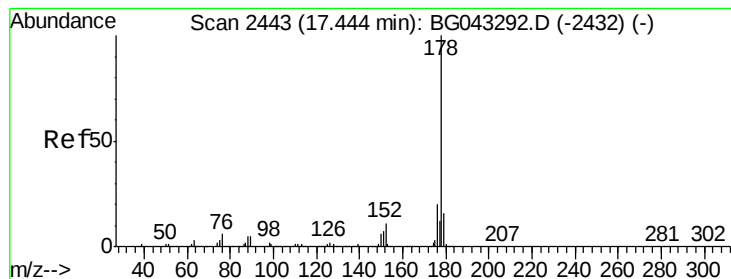
Tgt Ion:200 Resp: 87200
Ion Ratio Lower Upper
200 100
173 22.6 4.7 44.7
215 51.4 28.5 68.5



#70
Pentachlorophenol
Concen: 72.814 ng
RT: 17.05 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion:266 Resp: 96687
Ion Ratio Lower Upper
266 100
268 62.8 50.4 75.6
264 59.9 48.9 73.3





#71

Phenanthrene

Concen: 38.797 ng

RT: 17.43 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

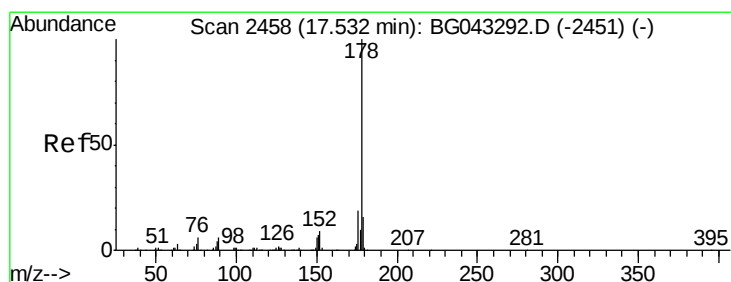
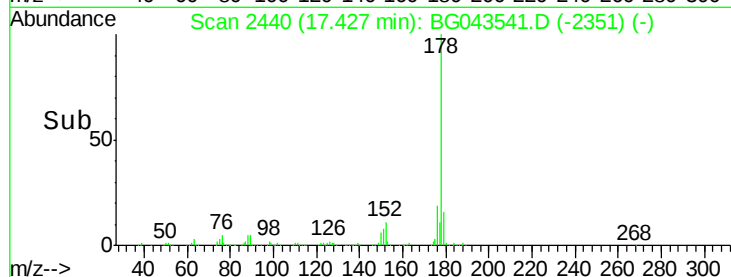
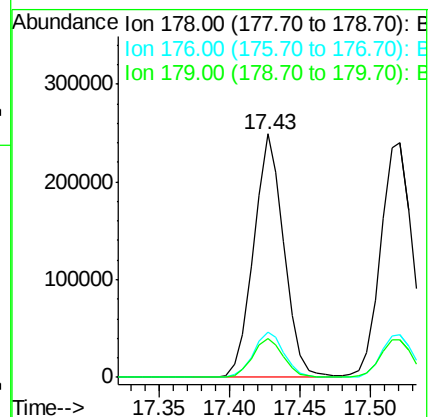
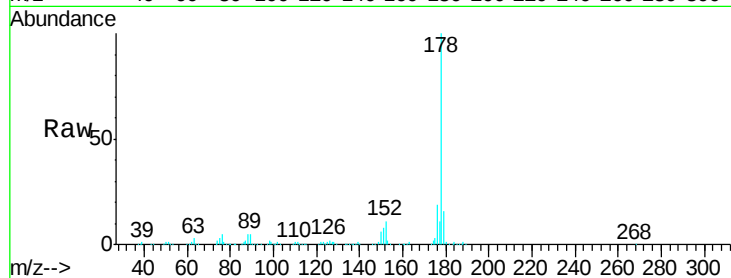
Tgt Ion:178 Resp: 374779

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

179 15.7 13.0 19.6



#72

Anthracene

Concen: 39.708 ng

RT: 17.52 min Scan# 2456

Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

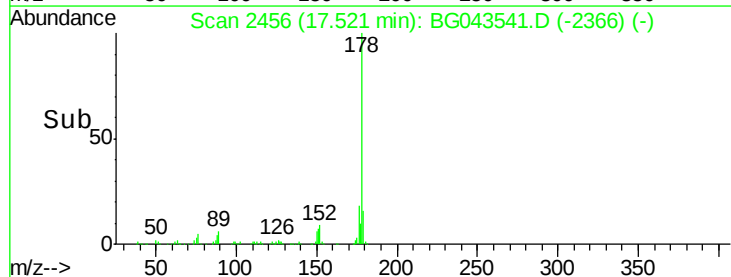
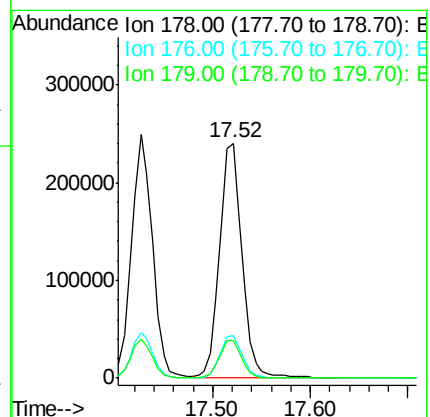
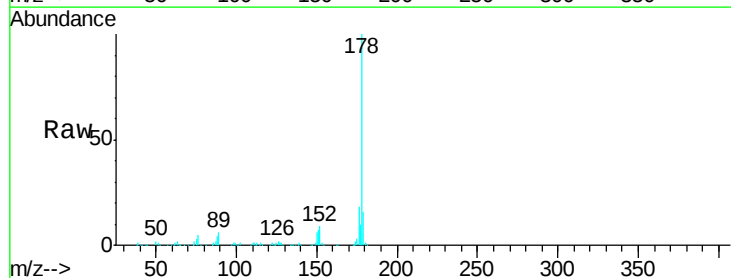
Tgt Ion:178 Resp: 383779

Ion Ratio Lower Upper

178 100

176 17.9 15.5 23.3

179 15.8 13.7 20.5

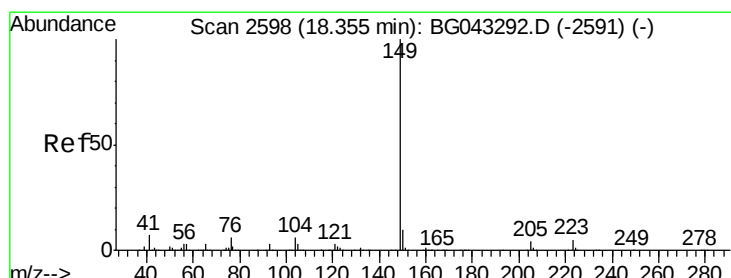
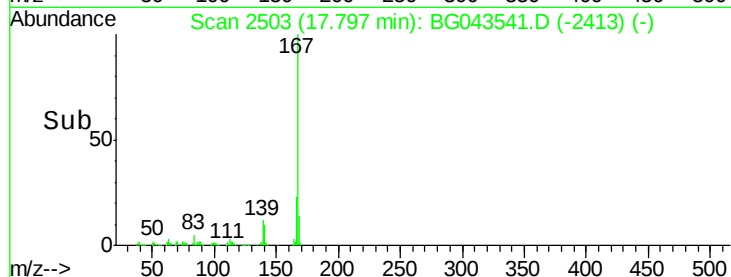
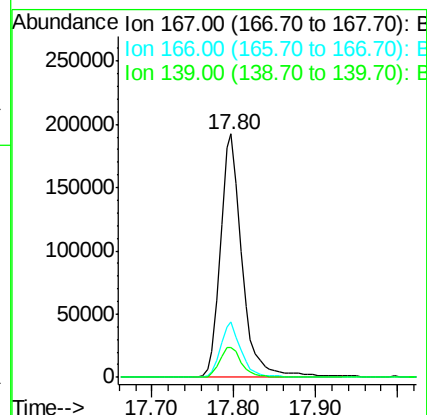
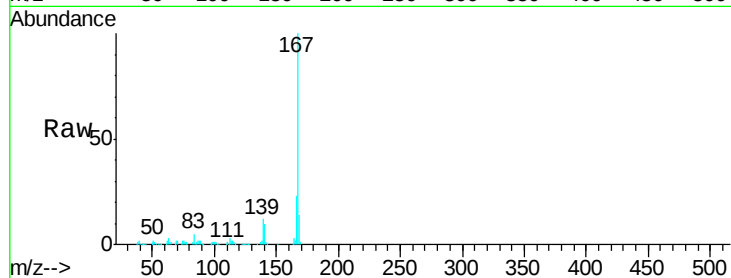




#73
 Carbazole
 Concen: 40.521 ng
 RT: 17.80 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

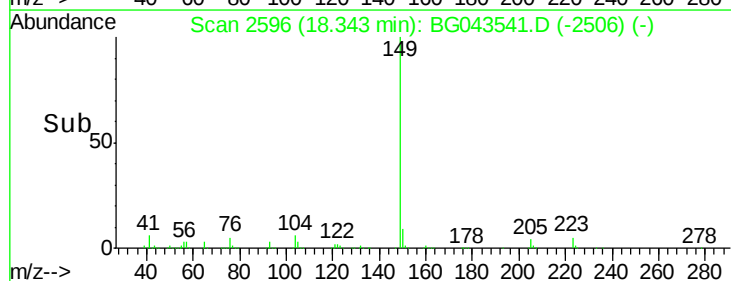
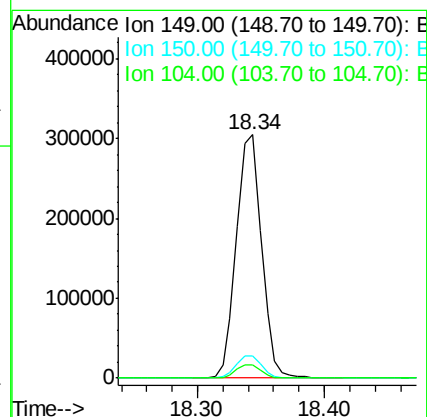
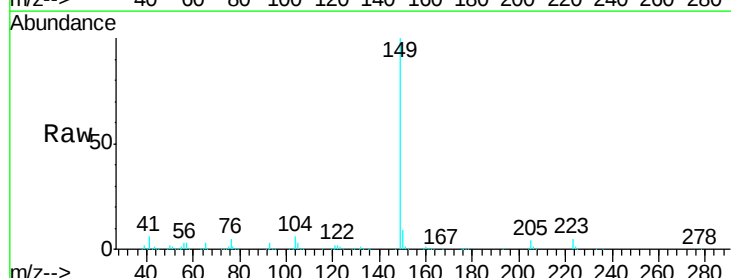
Instrument :
 BNA_G
 ClientSampleId :
 PB124591BS

Tgt Ion:167 Resp: 354654
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.7 28.1
 139 12.3 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 39.441 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. 0.00 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Tgt Ion:149 Resp: 418858
 Ion Ratio Lower Upper
 149 100
 150 9.3 8.0 12.0
 104 5.7 4.4 6.6





#75

Fluoranthene

Concen: 40.487 ng

RT: 19.44 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

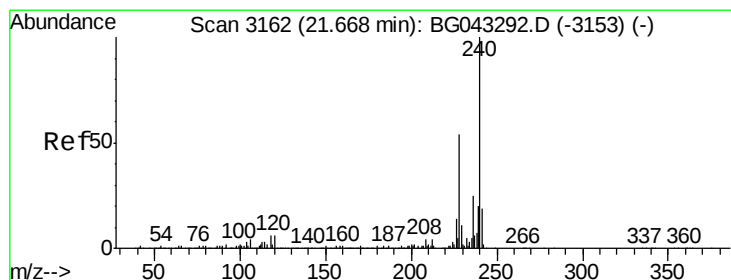
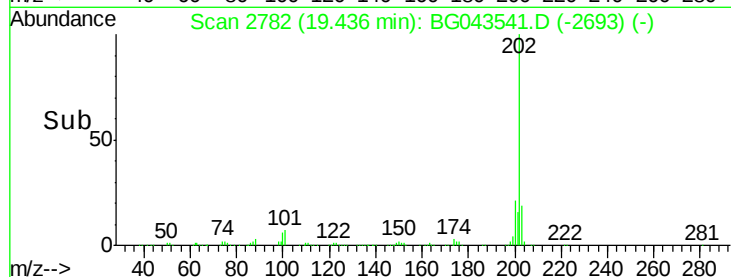
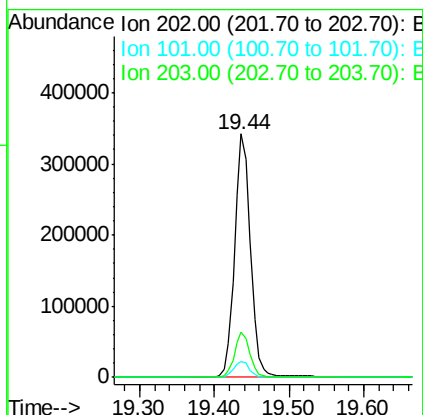
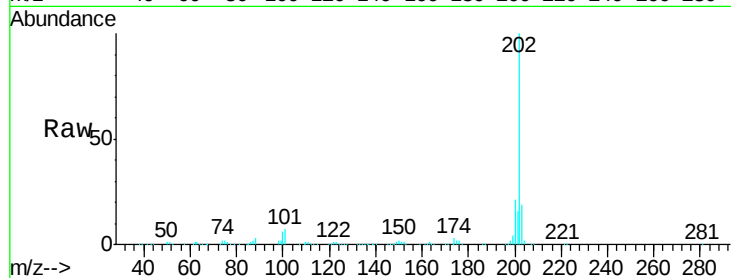
Instrument :

BNA_G

ClientSampleId :

PB124591BS

Tgt Ion:	202	Resp:	509877
Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	26.3
203	18.7	0.0	37.9



#76

Chrysene-d12

Concen: 20.000 ng

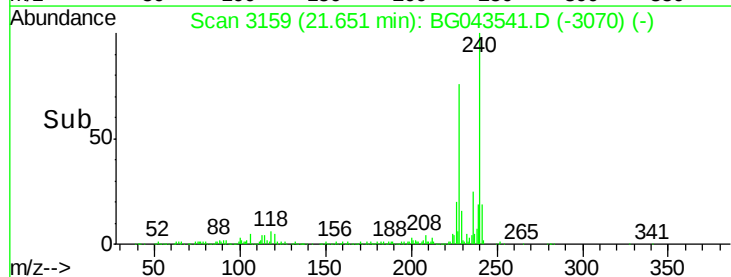
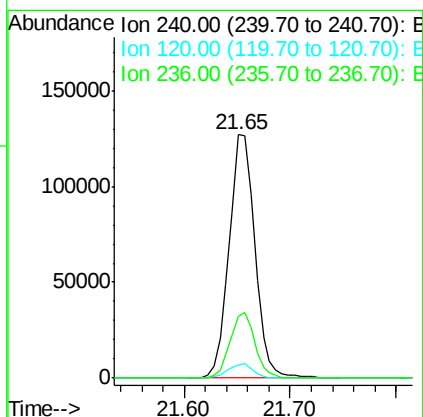
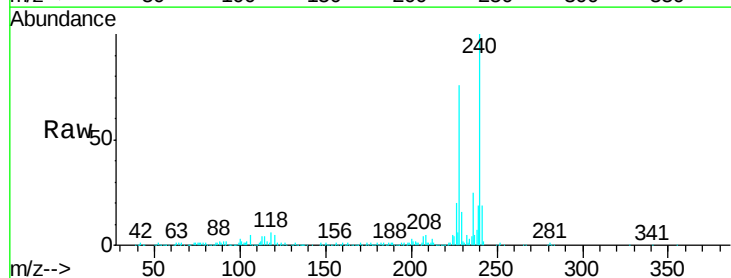
RT: 21.65 min Scan# 3159

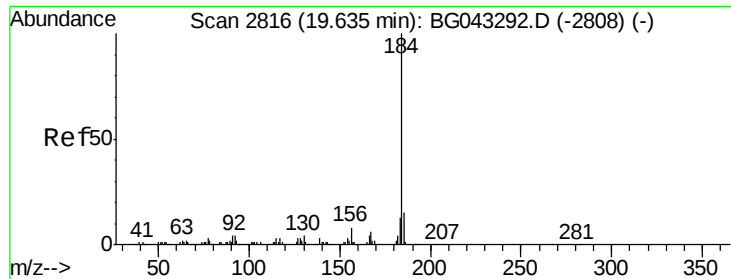
Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tgt Ion:	240	Resp:	214701
Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.6	6.8
236	25.4	19.8	29.8





#77

Benzidine

Concen: 18.873 ng

RT: 19.63 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

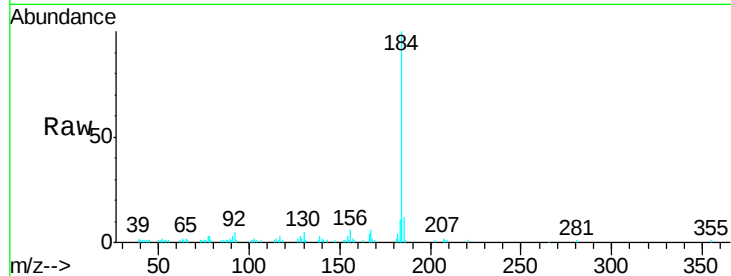
Tgt Ion:184 Resp: 81550

Ion Ratio Lower Upper

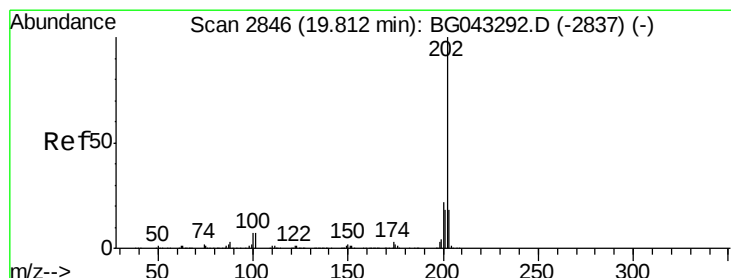
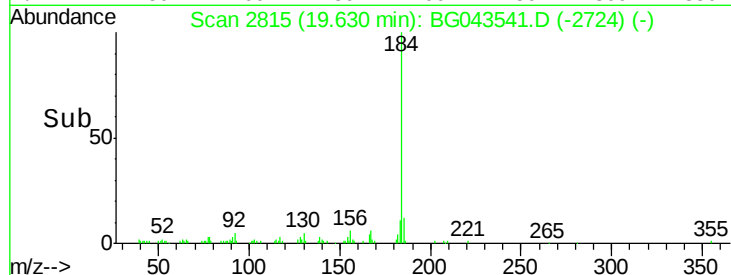
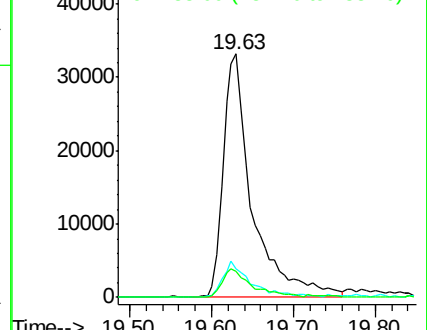
184 100

185 11.9 11.0 16.4

183 10.8 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: 39.392 ng

RT: 19.80 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

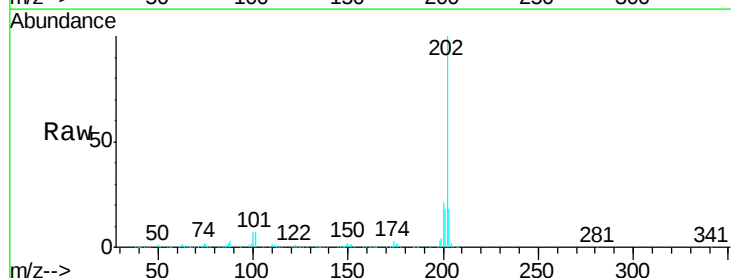
Tgt Ion:202 Resp: 523513

Ion Ratio Lower Upper

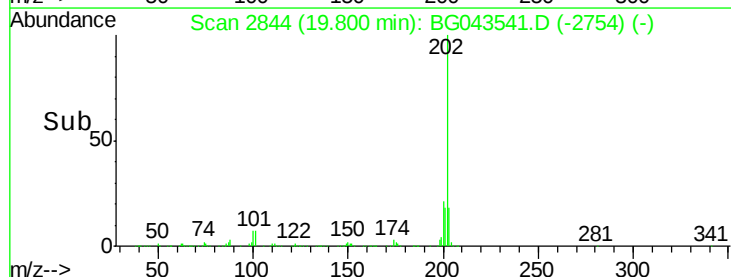
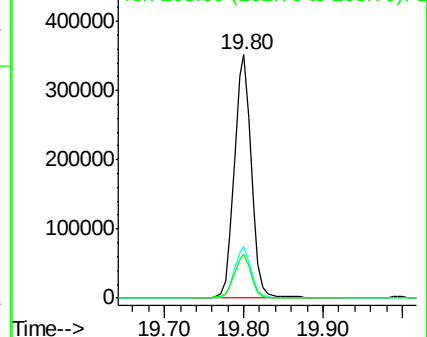
202 100

200 21.1 17.0 25.4

203 17.9 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: 61.480 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

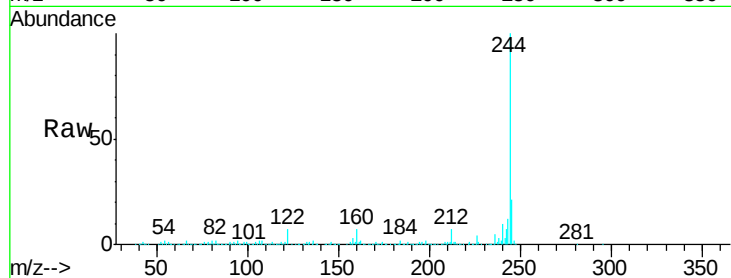
Tgt Ion:244 Resp: 703592

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

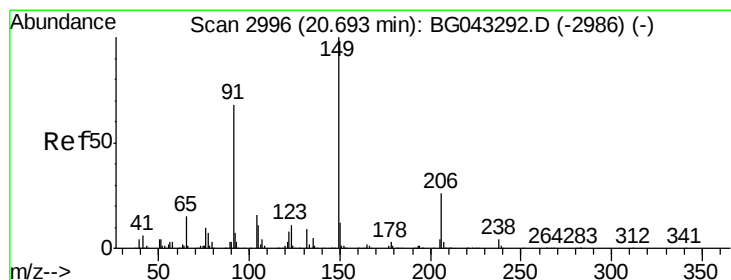
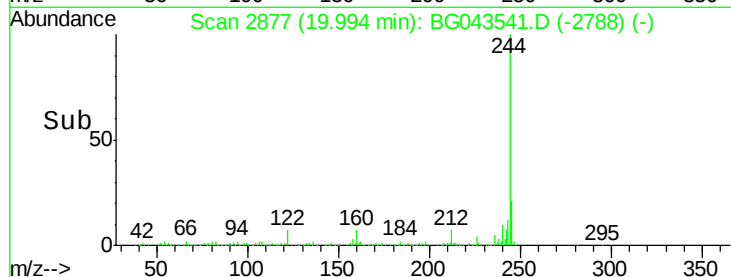
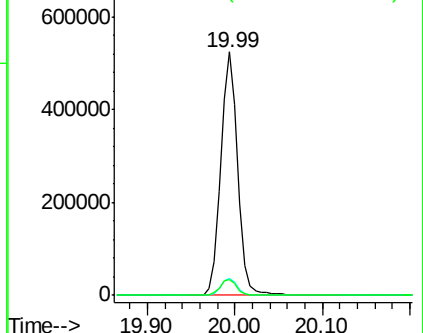
122 6.7 5.4 8.2



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: 38.427 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

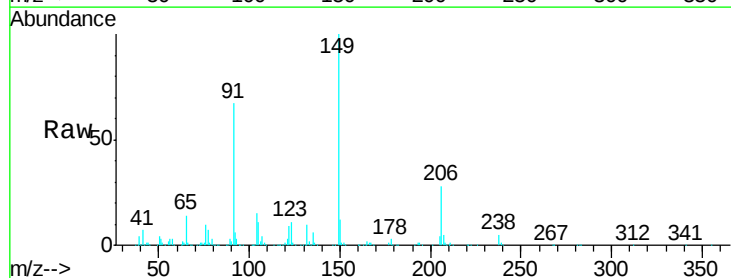
Tgt Ion:149 Resp: 193476

Ion Ratio Lower Upper

149 100

91 67.5 51.2 76.8

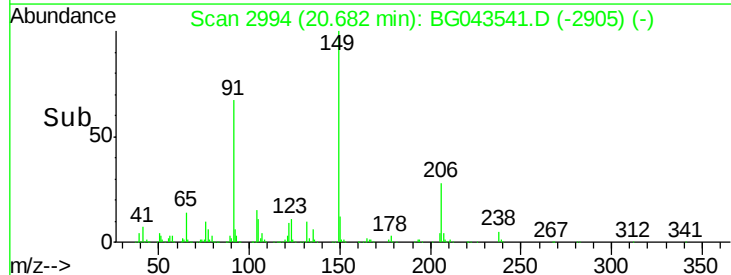
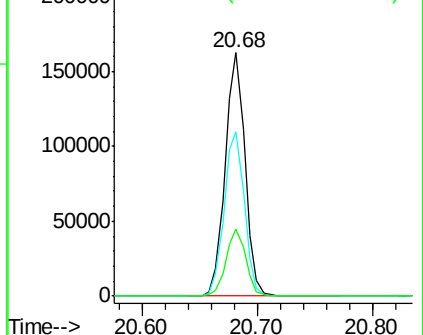
206 27.5 22.5 33.7

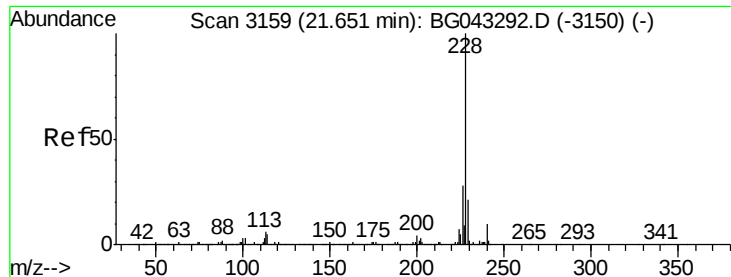


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.127 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

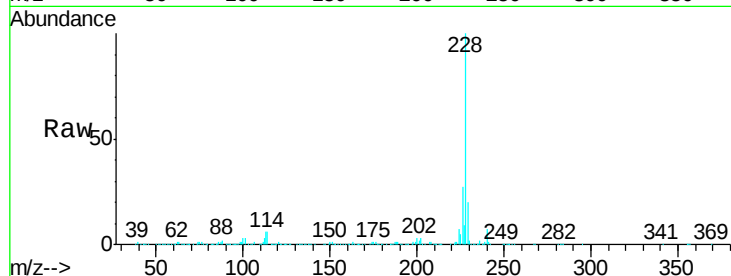
Tgt Ion:228 Resp: 526213

Ion Ratio Lower Upper

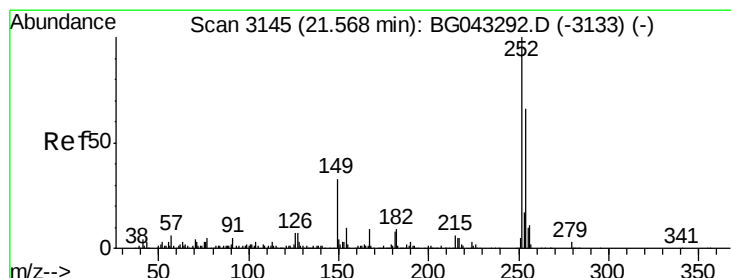
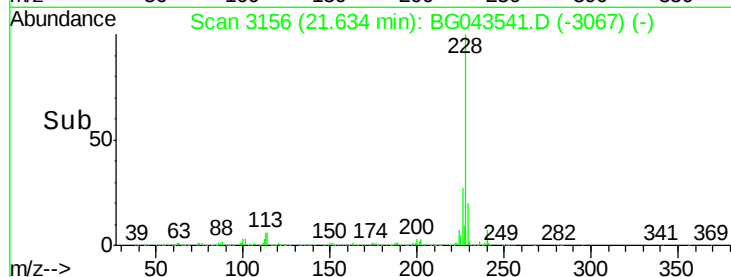
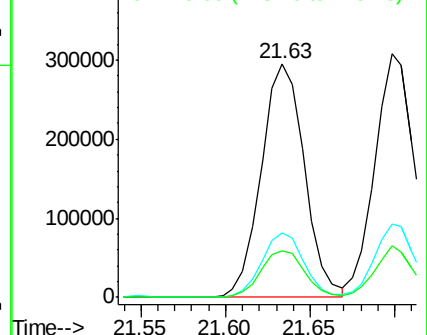
228 100

226 27.4 22.2 33.2

229 20.1 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.651 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

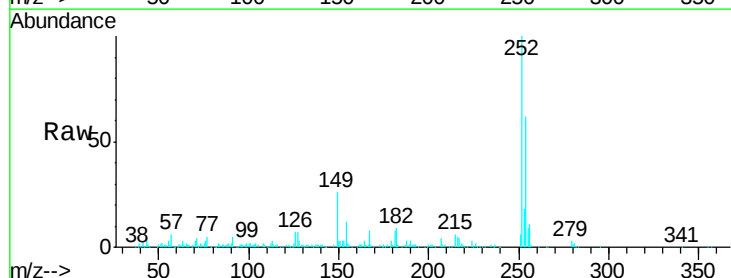
Tgt Ion:252 Resp: 169838

Ion Ratio Lower Upper

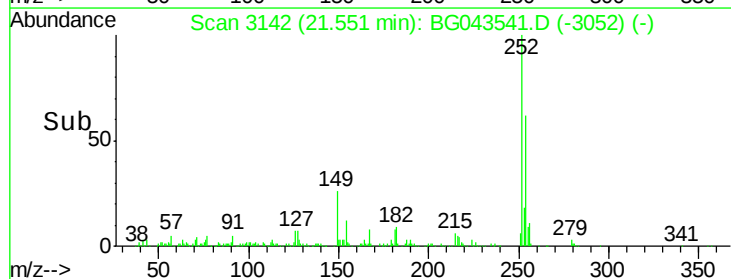
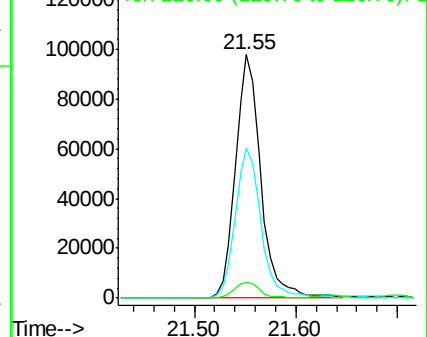
252 100

254 61.7 50.8 76.2

126 6.6 6.1 9.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.307 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

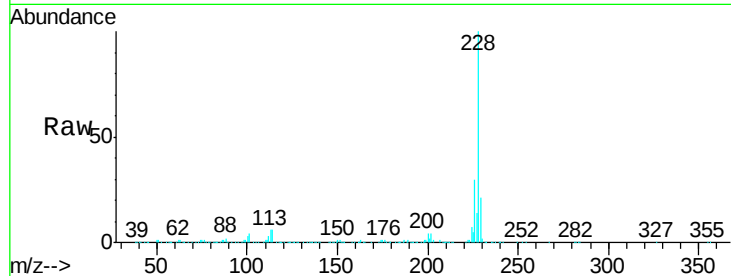
Tgt Ion:228 Resp: 511870

Ion Ratio Lower Upper

228 100

226 30.3 25.1 37.7

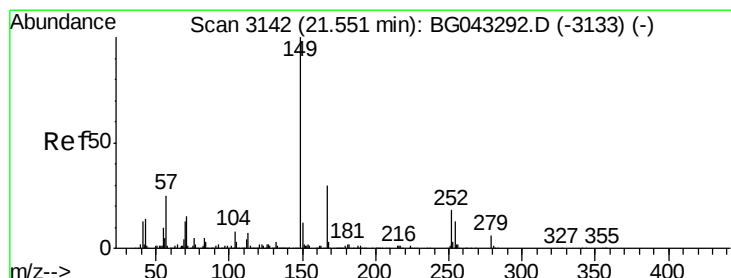
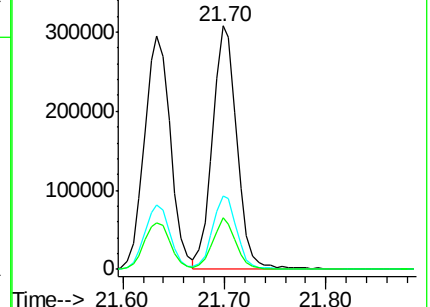
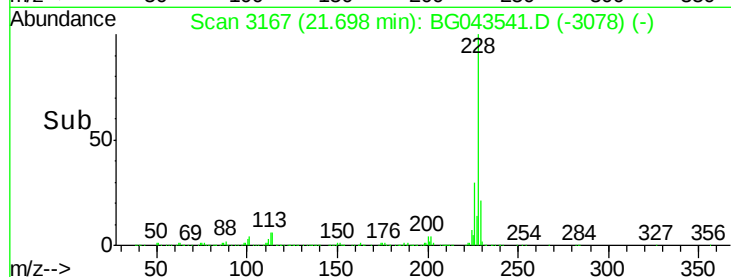
229 21.2 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.808 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

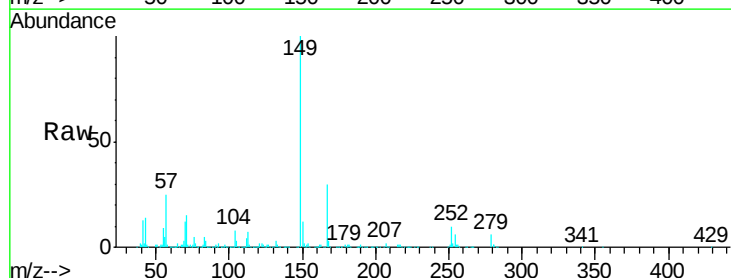
Tgt Ion:149 Resp: 284716

Ion Ratio Lower Upper

149 100

167 30.1 24.0 36.0

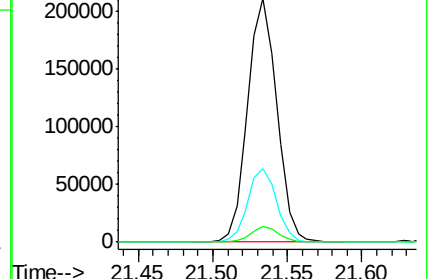
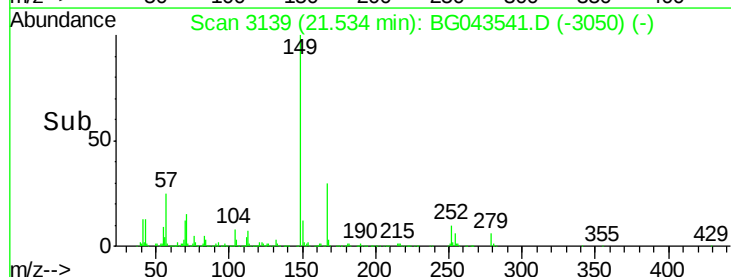
279 6.3 5.4 8.2

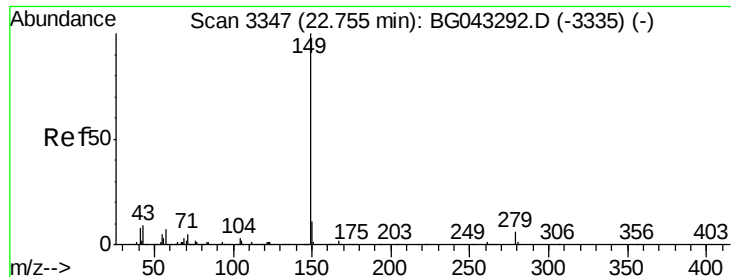


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.044 ng

RT: 22.73 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

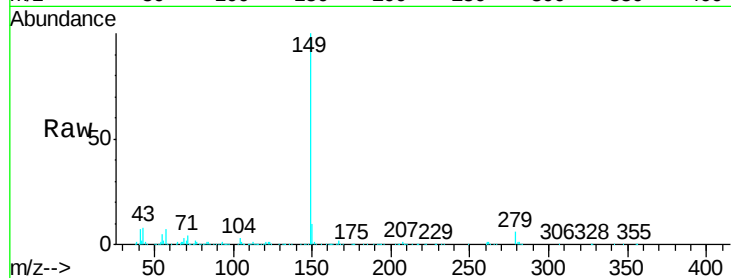
Tgt Ion:149 Resp: 473774

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

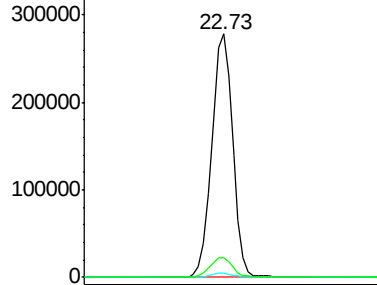
43 8.1 7.0 10.6



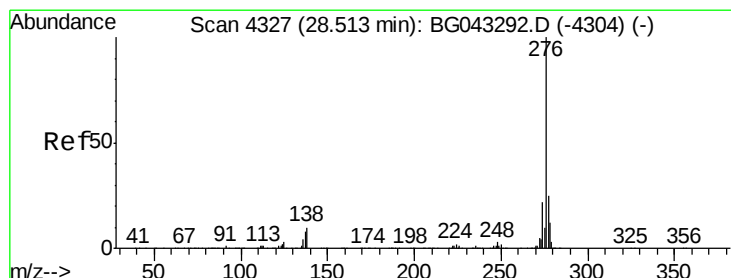
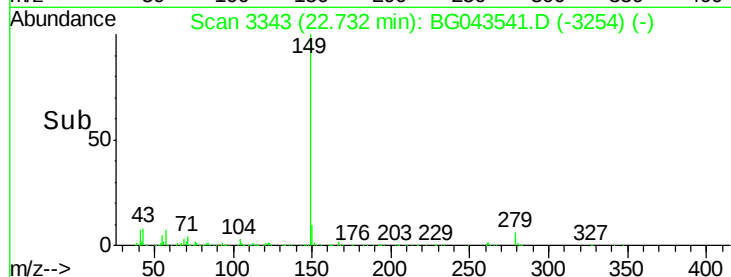
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.773 ng

RT: 28.48 min Scan# 4322

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

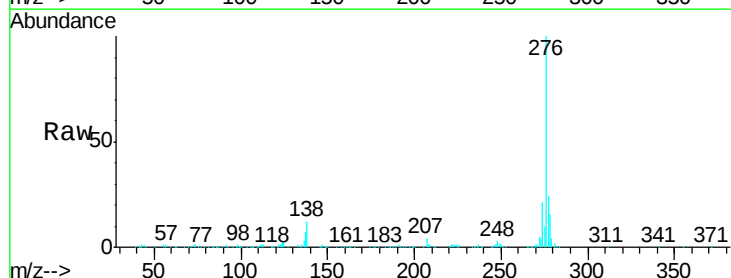
Tgt Ion:276 Resp: 633565

Ion Ratio Lower Upper

276 100

138 9.9 6.8 10.2

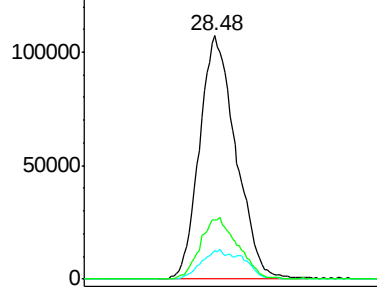
277 26.1 20.9 31.3



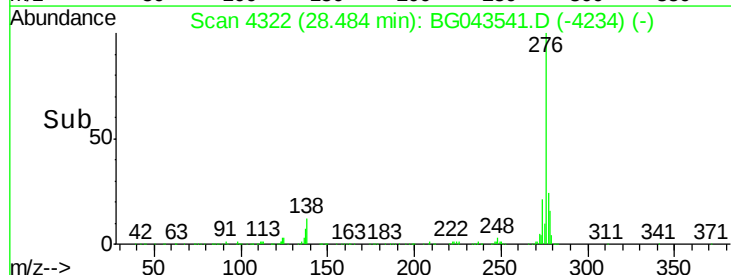
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

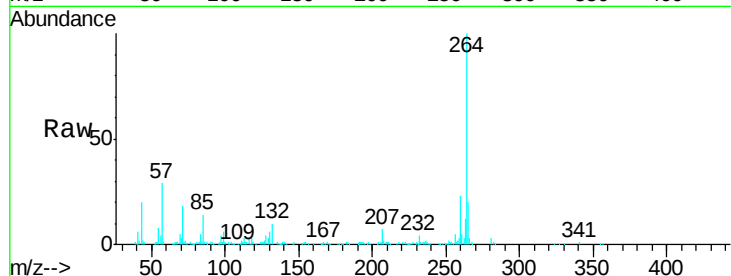
Tgt Ion:264 Resp: 184036

Ion Ratio Lower Upper

264 100

260 23.0 17.5 26.3

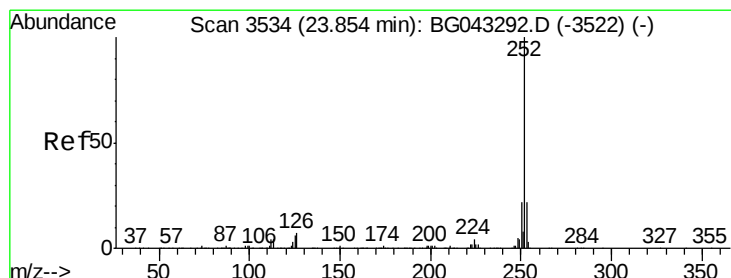
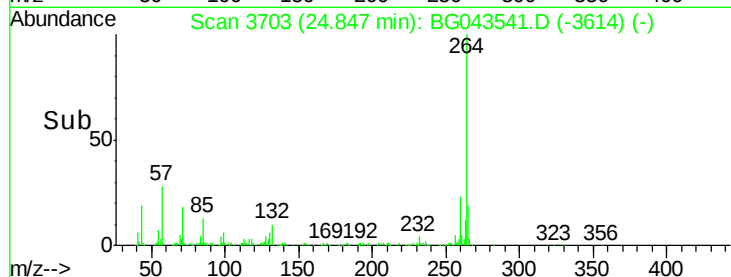
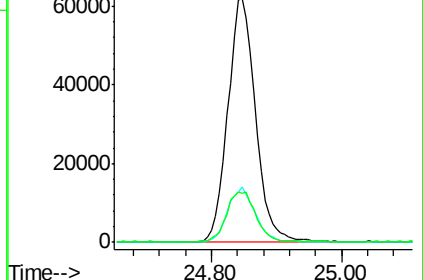
265 20.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.511 ng

RT: 23.83 min Scan# 3530

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

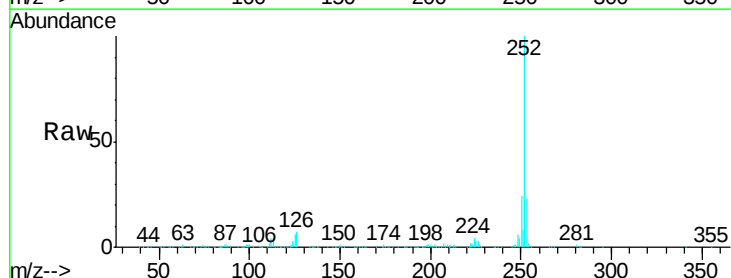
Tgt Ion:252 Resp: 536909

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

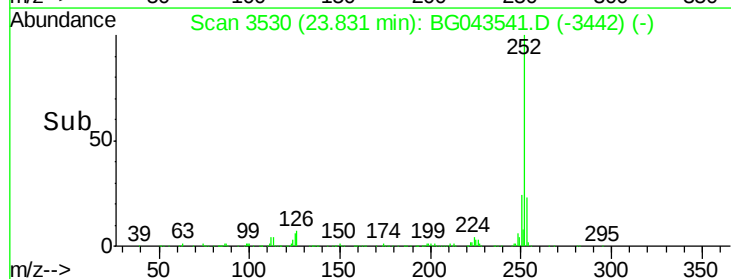
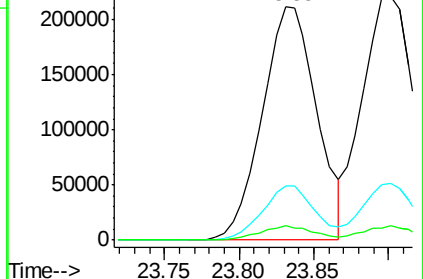
125 6.0 4.5 6.7

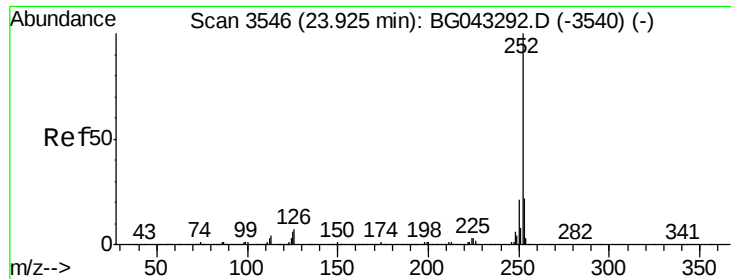


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

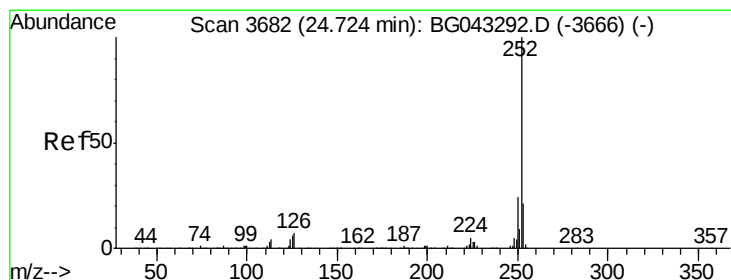
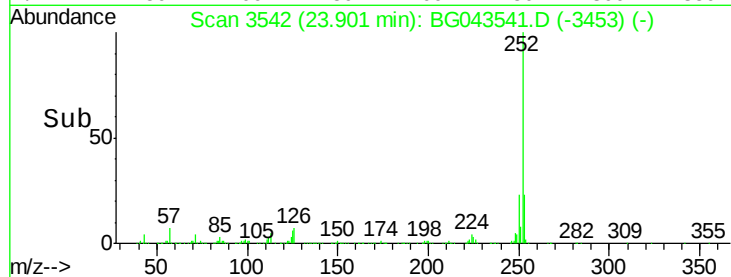
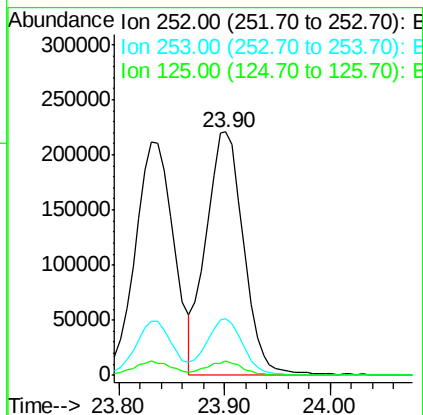
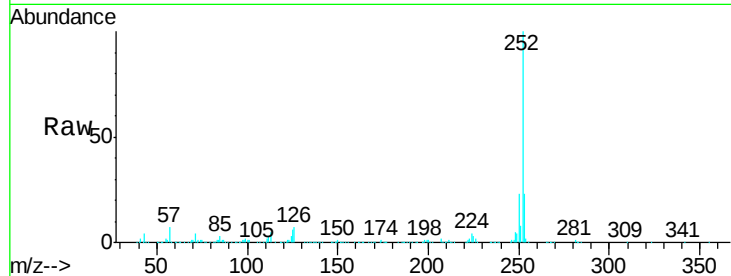




#89
Benzo(k)fluoranthene
Concen: 51.773 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

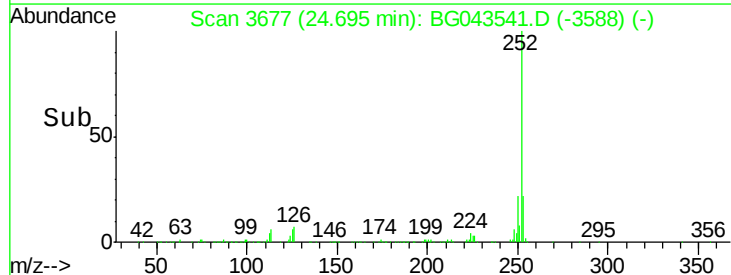
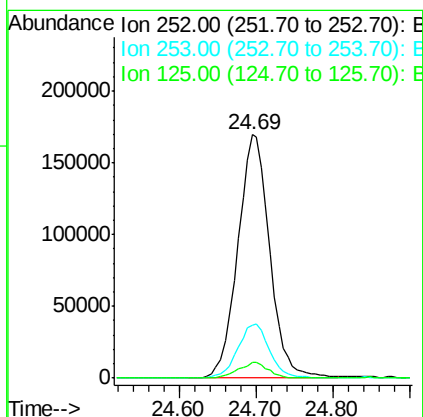
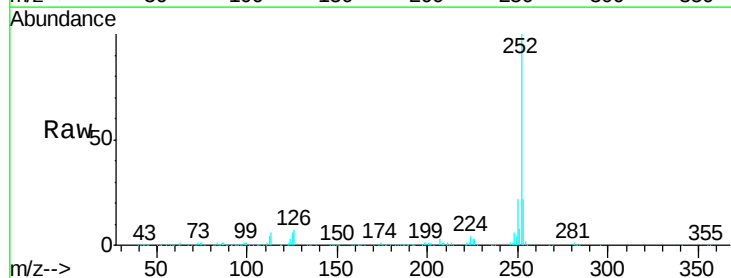
Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tgt Ion:252 Resp: 543261
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 5.9 4.6 6.8



#90
Benzo(a)pyrene
Concen: 49.347 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion:252 Resp: 491169
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 6.3 5.4 8.2

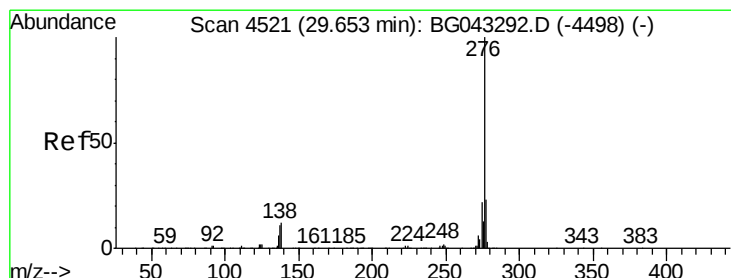
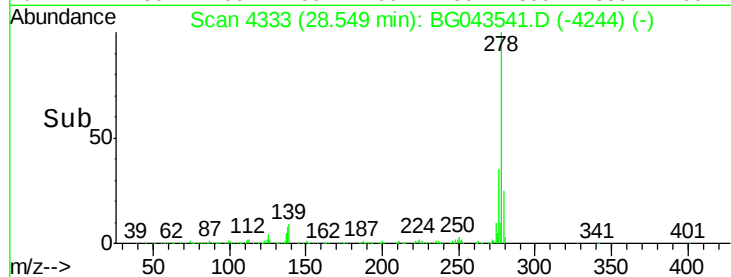
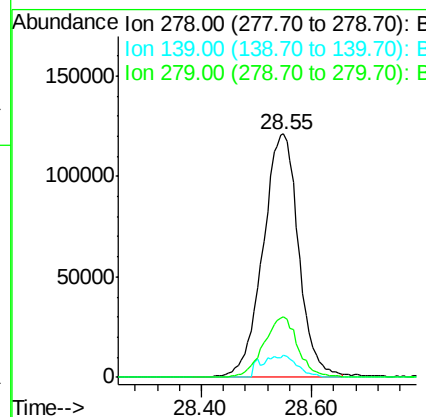
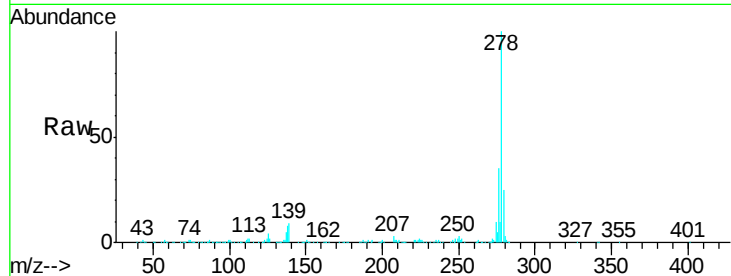




#91
Dibenzo(a,h)anthracene
Concen: 53.381 ng
RT: 28.55 min Scan# 4333
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tgt Ion: 278 Resp: 543463
Ion Ratio Lower Upper
278 100
139 8.9 7.4 11.0
279 24.8 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 53.360 ng
RT: 29.63 min Scan# 4517
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion: 276 Resp: 535865
Ion Ratio Lower Upper
276 100
277 23.4 18.9 28.3
138 10.6 8.9 13.3

