

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
 Data File : BG043562.D
 Acq On : 8 Nov 2019 6:28
 Operator : JU
 Sample : K5675-04MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MS

Quant Time: Nov 08 07:44:28 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	27800	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	107563	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	77571	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	201969	20.00	ng	0.00
76) Chrysene-d12	21.65	240	210384	20.00	ng	0.00
87) Perylene-d12	24.85	264	247198	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	218573	144.07	ng	0.01
7) Phenol-d6	7.21	99	292661	134.08	ng	0.02
23) Nitrobenzene-d5	9.17	82	177848	85.24	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	202044	136.87	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	472232	84.12	ng	0.00
79) Terphenyl-d14	20.00	244	1091585	97.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	21990	37.196	ng	# 21
3) Pyridine	3.89	79	46145	30.942	ng	95
4) n-Nitrosodimethylamine	3.79	42	37667	50.053	ng	# 96
6) Aniline	7.34	93	30573	12.159	ng	98
8) 2-Chlorophenol	7.59	128	83156	49.654	ng	94
9) Benzaldehyde	7.14	77	39124	36.473	ng	95
10) Phenol	7.24	94	107370	53.831	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	64828	42.039	ng	99
12) 1,3-Dichlorobenzene	7.89	146	78288	37.311	ng	95
13) 1,4-Dichlorobenzene	8.04	146	81474	38.378	ng	97
14) 1,2-Dichlorobenzene	8.36	146	80011	38.600	ng	96
15) Benzyl Alcohol	8.26	79	72250	47.131	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	91211	40.677	ng	97
17) 2-Methylphenol	8.48	107	72013	49.526	ng	97
18) Hexachloroethane	9.09	117	27994	36.549	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	60056	42.579	ng	96
20) 3+4-Methylphenols	8.82	107	93477	46.882	ng	# 72
22) Acetophenone	8.83	105	117244	42.563	ng	# 92
24) Nitrobenzene	9.21	77	92192	46.385	ng	# 96
25) Isophorone	9.73	82	173464	45.475	ng	99
26) 2-Nitrophenol	9.93	139	47527	49.531	ng	# 89
27) 2,4-Dimethylphenol	10.00	122	75686	55.033	ng	95
28) bis(2-Chloroethoxy)methane	10.22	93	90572	43.021	ng	99
29) 2,4-Dichlorophenol	10.49	162	85815	48.700	ng	92
30) 1,2,4-Trichlorobenzene	10.67	180	93177	41.955	ng	97
31) Naphthalene	10.86	128	246583	45.163	ng	99
32) Benzoic acid	10.19	122	41572	41.174	ng	96
33) 4-Chloroaniline	11.00	127	8834	3.947	ng	# 90
34) Hexachlorobutadiene	11.15	225	63385	38.608	ng	88
35) Caprolactam	11.75	113	17121	28.212	ng	91
36) 4-Chloro-3-methylphenol	12.12	107	96632	50.274	ng	96
37) 2-Methylnaphthalene	12.47	142	187293	44.708	ng	99
38) 1-Methylnaphthalene	12.68	142	181920	45.640	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	122428	42.646	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	100761	66.816	ng	98
43) 2,4,6-Trichlorophenol	13.08	196	81491	48.201	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	90519	52.960	ng	98
46) 1,1'-Biphenyl	13.47	154	258923	43.876	ng	96
47) 2-Chloronaphthalene	13.52	162	201574	44.894	ng	100
48) 2-Nitroaniline	13.72	65	63260	47.139	ng	94
49) Acenaphthylene	14.36	152	338211	48.398	ng	99
50) Dimethylphthalate	14.09	163	322869	53.736	ng	100
51) 2,6-Dinitrotoluene	14.22	165	62353	47.769	ng	95
52) Acenaphthene	14.70	154	198933	46.681	ng	95
53) 3-Nitroaniline	14.56	138	17444	13.842	ng	92
54) 2,4-Dinitrophenol	14.76	184	56947	70.787	ng	98
55) Dibenzofuran	15.04	168	334995	48.474	ng	97
56) 4-Nitrophenol	14.90	139	96250	113.968	ng	93
57) 2,4-Dinitrotoluene	15.00	165	93697	50.228	ng	98
58) Fluorene	15.69	166	284714	49.120	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	92533	50.956	ng	95
60) Diethylphthalate	15.45	149	281620	46.648	ng	98
61) 4-Chlorophenyl-phenylether	15.67	204	159287	47.107	ng	96
62) 4-Nitroaniline	15.72	138	59916	46.035	ng	95
63) Azobenzene	15.97	77	241803	49.489	ng	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	51629	43.437	ng	94
66) n-Nitrosodiphenylamine	15.89	169	257059	45.081	ng	98
67) 4-Bromophenyl-phenylether	16.57	248	116429	42.835	ng	96
68) Hexachlorobenzene	16.70	284	133657	42.839	ng	99
69) Atrazine	16.84	200	116566	58.831	ng	97
70) Pentachlorophenol	17.05	266	132424	93.148	ng	97
71) Phenanthrene	17.43	178	482184	46.622	ng	98
72) Anthracene	17.52	178	509217	49.211	ng	98
73) Carbazole	17.79	167	455471	48.606	ng	99
74) Di-n-butylphthalate	18.34	149	524111	46.096	ng	99
75) Fluoranthene	19.44	202	652609	48.402	ng	100
77) Benzidine	19.62	184	53913	12.733	ng	99
78) Pyrene	19.80	202	656695	50.428	ng	99
80) Butylbenzylphthalate	20.68	149	238489	48.339	ng	96
81) Benzo(a)anthracene	21.63	228	658014	49.932	ng	100
82) 3,3'-Dichlorobenzidine	21.55	252	84910	16.658	ng	99
83) Chrysene	21.70	228	639872	48.869	ng	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	340861	48.636	ng	99
85) Di-n-octyl phthalate	22.73	149	584365	49.147	ng	99
86) Indeno(1,2,3-cd)pyrene	28.49	276	823971	50.133	ng	# 96
88) Benzo(b)fluoranthene	23.83	252	674644	48.187	ng	99
89) Benzo(k)fluoranthene	23.90	252	700023	49.667	ng	97
90) Benzo(a)pyrene	24.70	252	635538	47.536	ng	# 99
91) Dibenzo(a,h)anthracene	28.55	278	695552	50.863	ng	99
92) Benzo(g,h,i)perylene	29.62	276	694454	51.483	ng	99

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

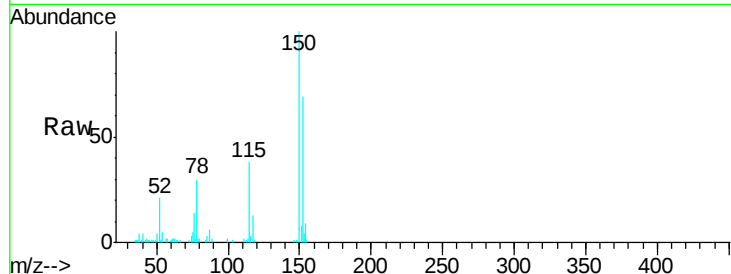


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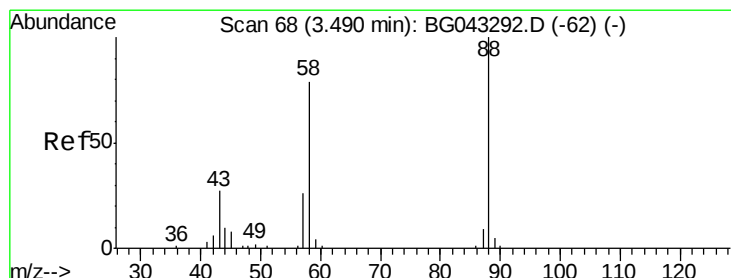
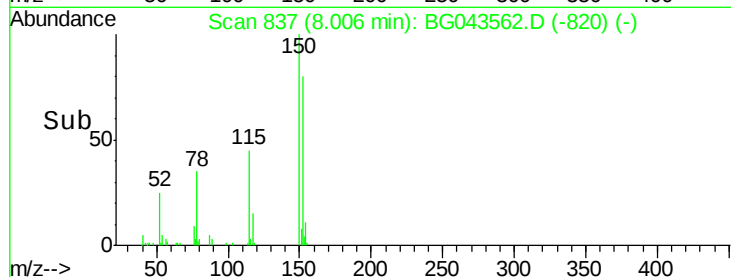
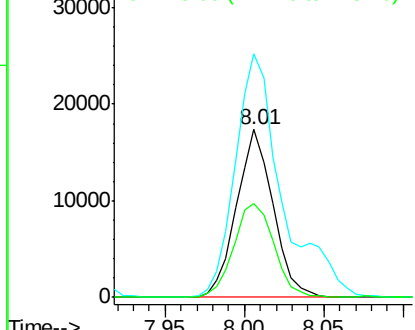
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tgt Ion:152 Resp: 27800
Ion Ratio Lower Upper
152 100
150 144.9 129.4 194.0
115 55.6 48.8 73.2



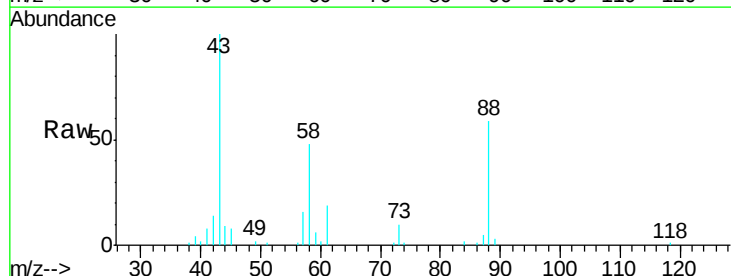
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



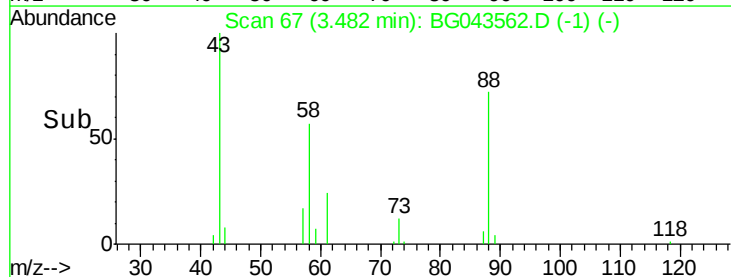
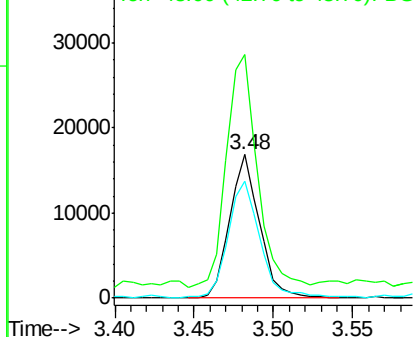
#2

1,4-Dioxane
Concen: 37.196 ng
RT: 3.48 min Scan# 67
Delta R.T. 0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion: 88 Resp: 21990
Ion Ratio Lower Upper
88 100
58 88.9 62.7 94.1
43 167.3 23.7 35.5#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 30.942 ng

RT: 3.89 min Scan# 136

Delta R.T. 0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

ClientSampleId :

TR-05-110519MS

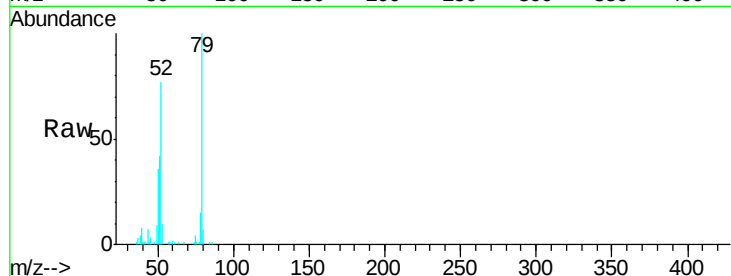
Tgt Ion: 79 Resp: 46145

Ion Ratio Lower Upper

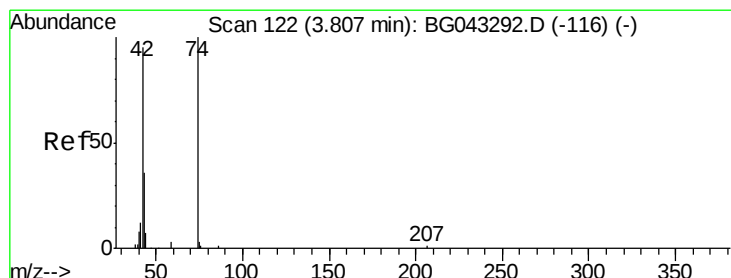
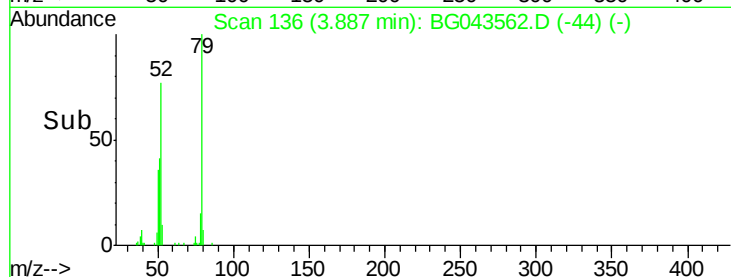
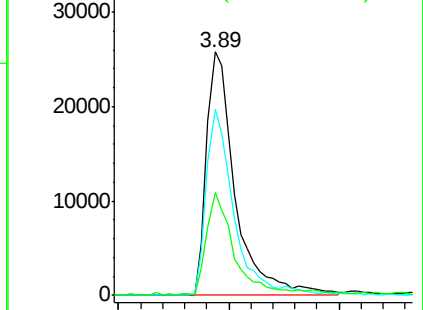
79 100

52 76.5 56.5 84.7

51 42.2 33.2 49.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 50.053 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

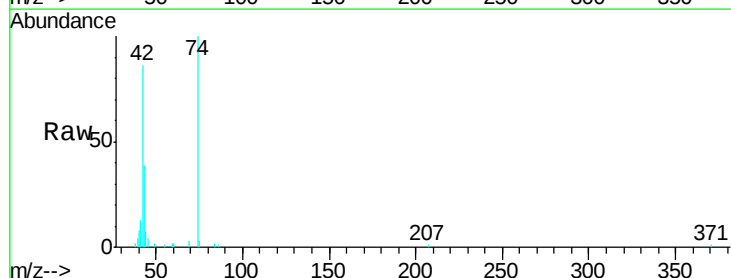
Tgt Ion: 42 Resp: 37667

Ion Ratio Lower Upper

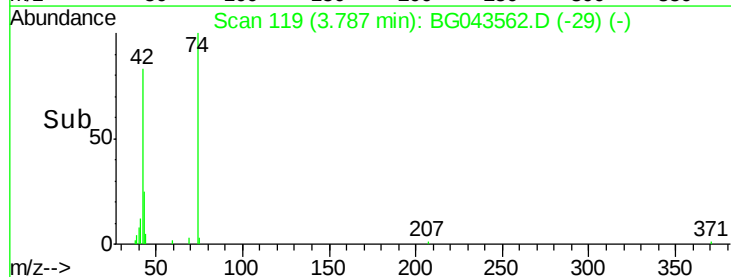
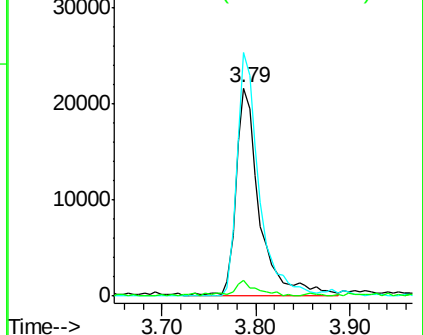
42 100

74 116.9 97.3 145.9

44 7.8 4.4 6.6#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 144.073 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

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ClientSampleId :

TR-05-110519MS

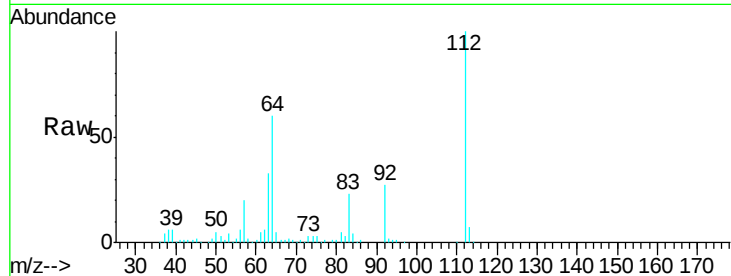
Tgt Ion: 112 Resp: 218573

Ion Ratio Lower Upper

112 100

64 60.5 50.0 75.0

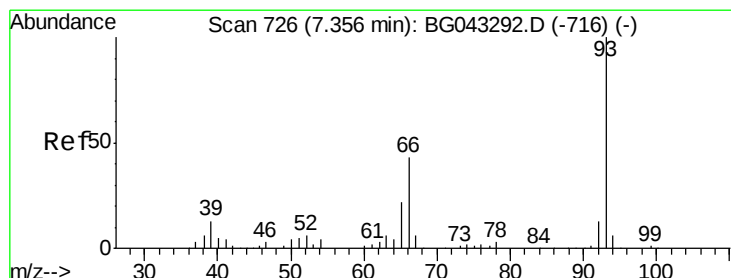
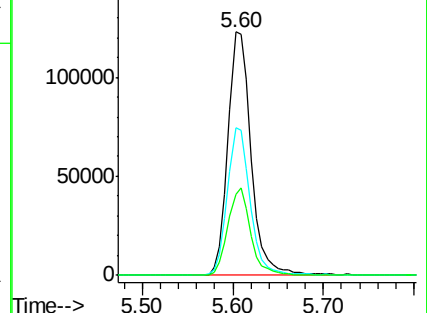
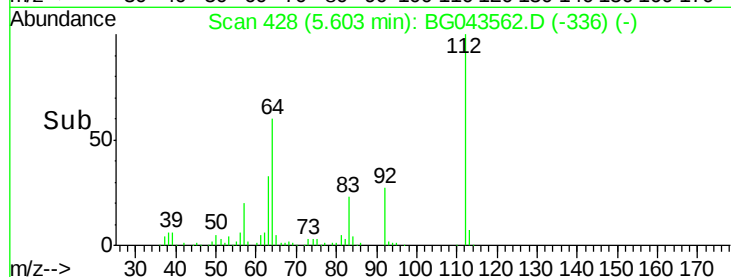
63 33.2 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.159 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

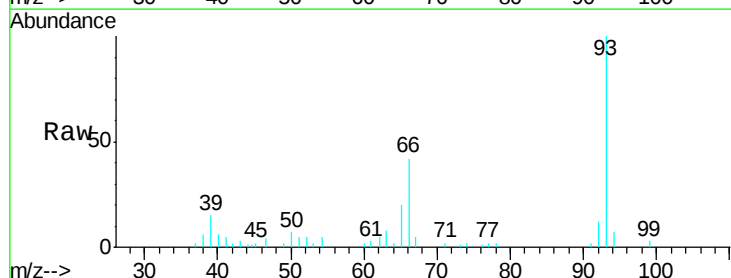
Tgt Ion: 93 Resp: 30573

Ion Ratio Lower Upper

93 100

66 42.4 32.3 48.5

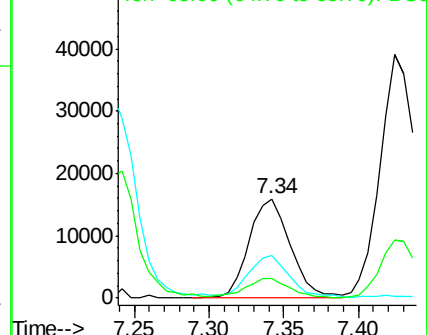
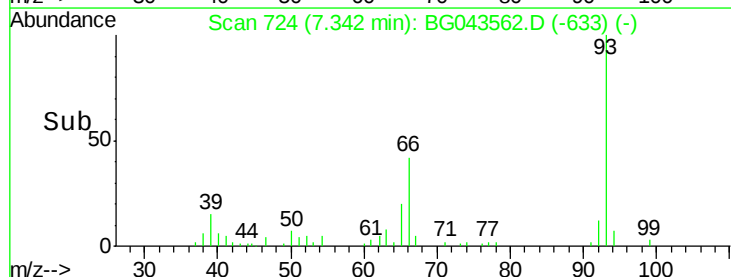
65 20.0 16.1 24.1

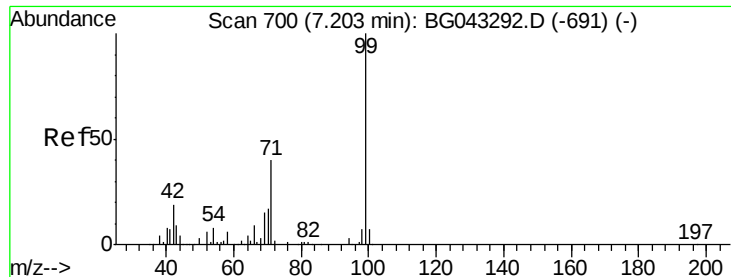


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.079 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043562.D

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TR-05-110519MS

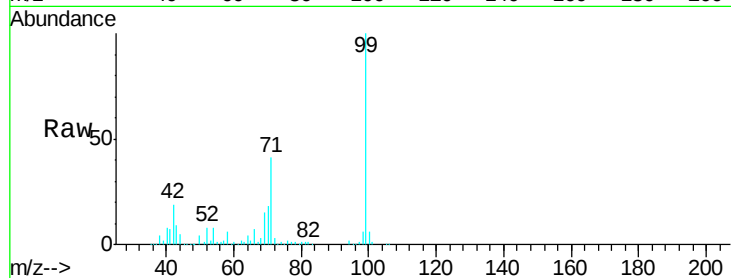
Tgt Ion: 99 Resp: 292661

Ion Ratio Lower Upper

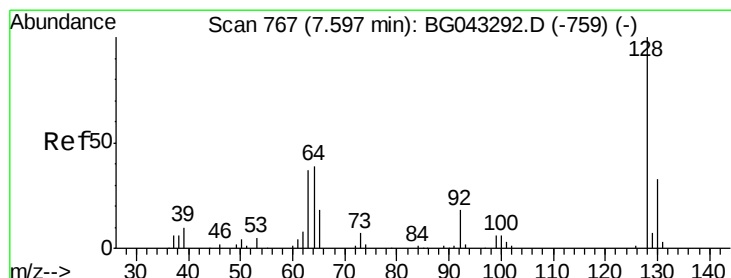
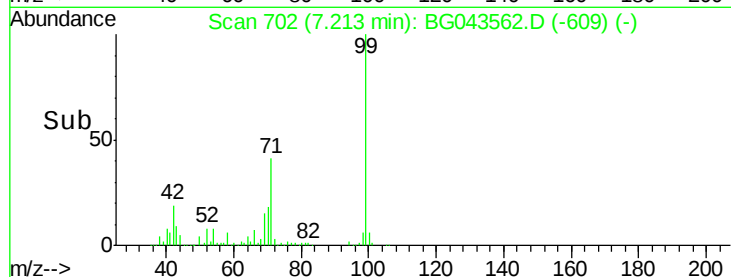
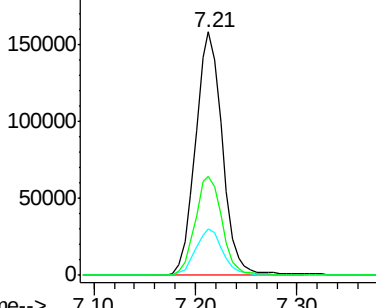
99 100

42 18.9 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: 49.654 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

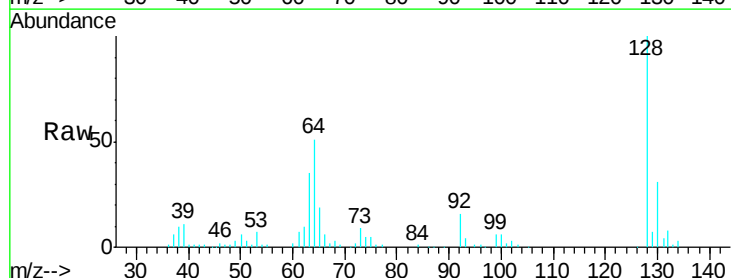
Tgt Ion: 128 Resp: 83156

Ion Ratio Lower Upper

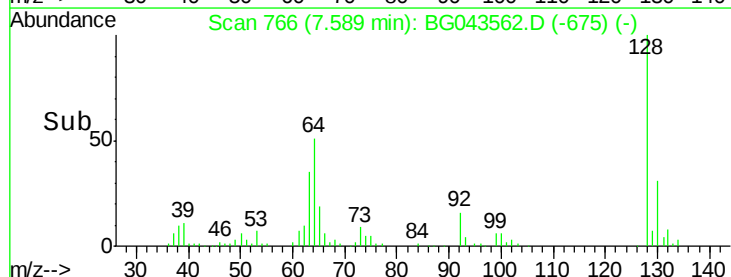
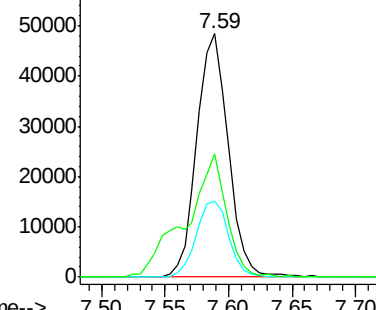
128 100

130 31.3 12.5 52.5

64 50.5 25.3 65.3



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





#9

Benzaldehyde

Concen: 36.473 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

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ClientSampleId :

TR-05-110519MS

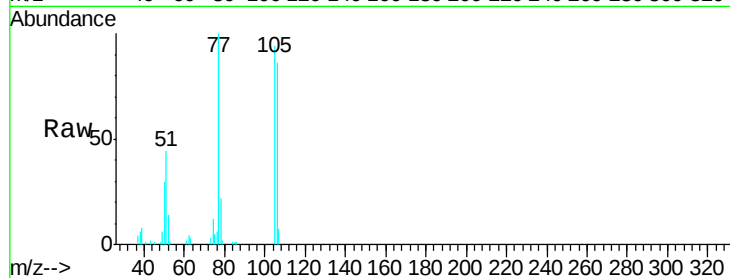
Tgt Ion: 77 Resp: 39124

Ion Ratio Lower Upper

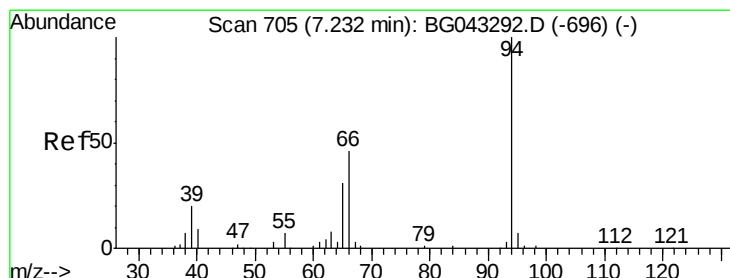
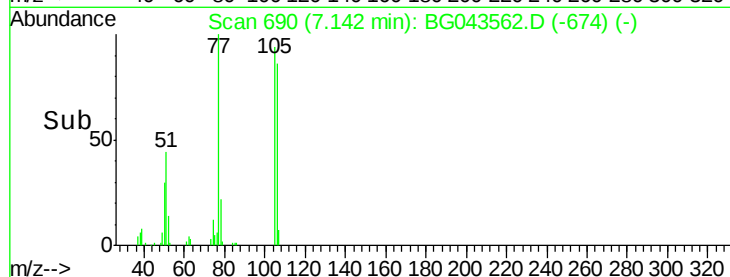
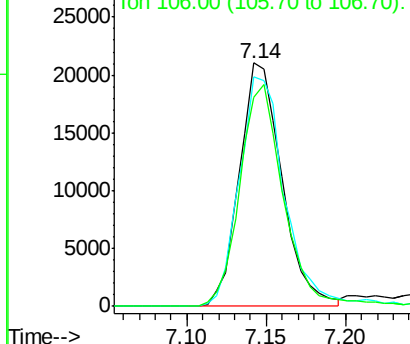
77 100

105 94.1 68.6 108.6

106 86.0 69.9 109.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 53.831 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.02 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

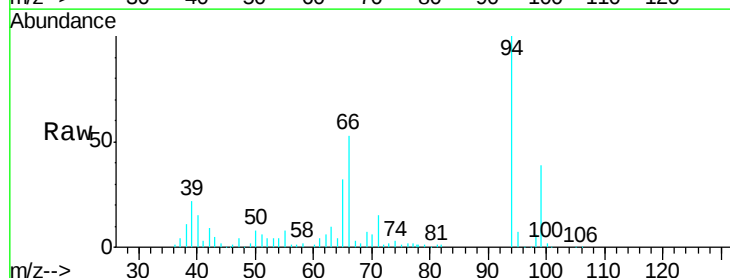
Tgt Ion: 94 Resp: 107370

Ion Ratio Lower Upper

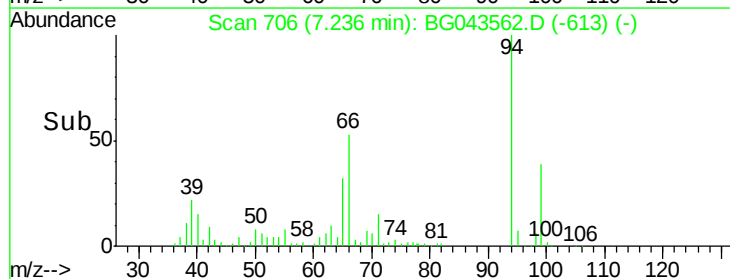
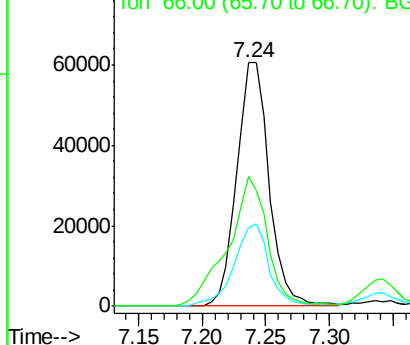
94 100

65 32.0 12.6 52.6

66 53.3 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

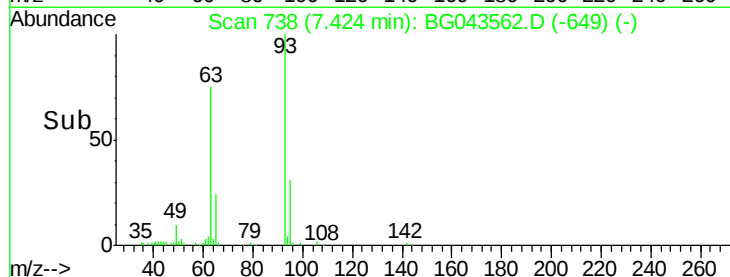
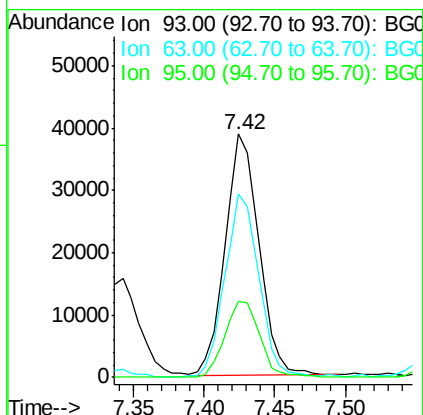
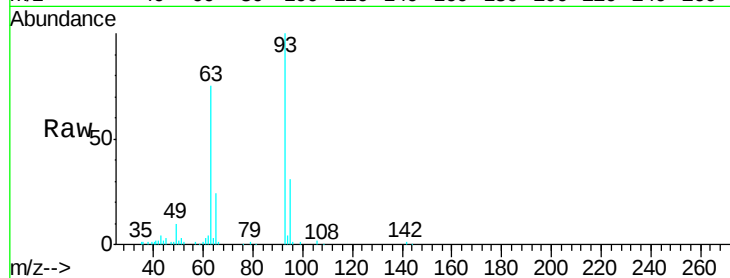




#11
 bis(2-Chloroethyl)ether
 Concen: 42.039 ng
 RT: 7.42 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

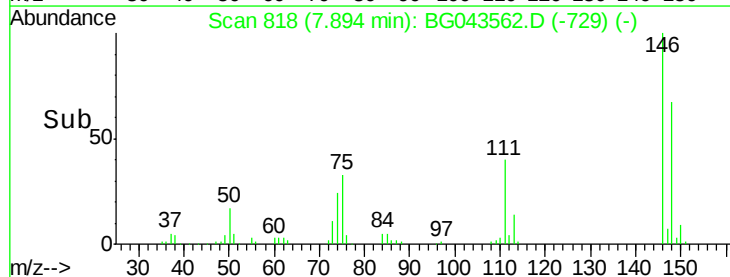
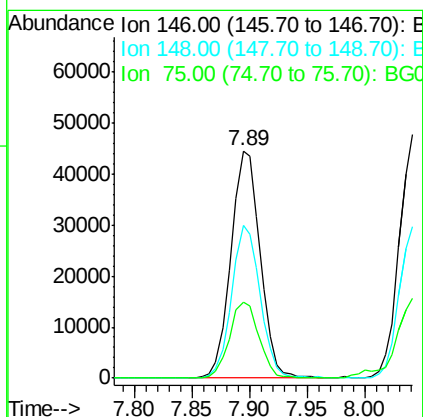
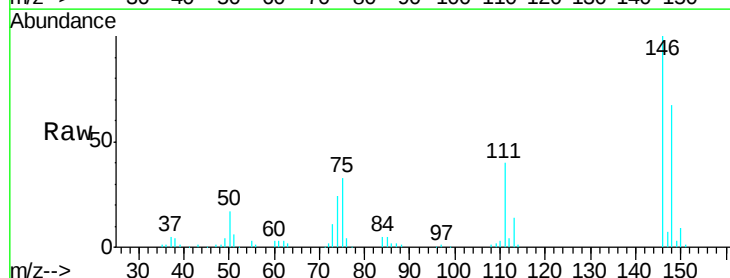
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MS

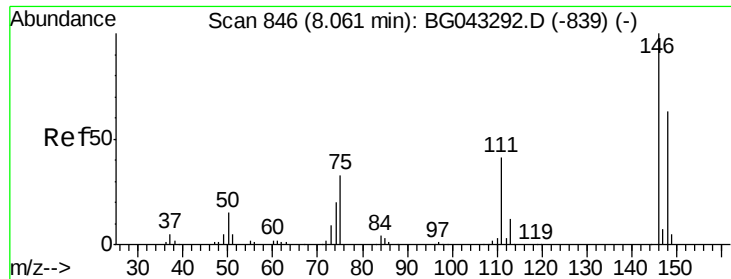
Tgt Ion: 93 Resp: 64828
 Ion Ratio Lower Upper
 93 100
 63 75.2 56.3 96.3
 95 31.1 12.2 52.2



#12
 1,3-Dichlorobenzene
 Concen: 37.311 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Tgt Ion: 146 Resp: 78288
 Ion Ratio Lower Upper
 146 100
 148 67.2 50.3 75.5
 75 33.1 24.6 37.0

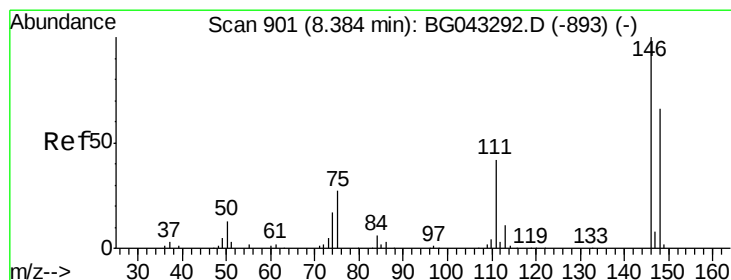
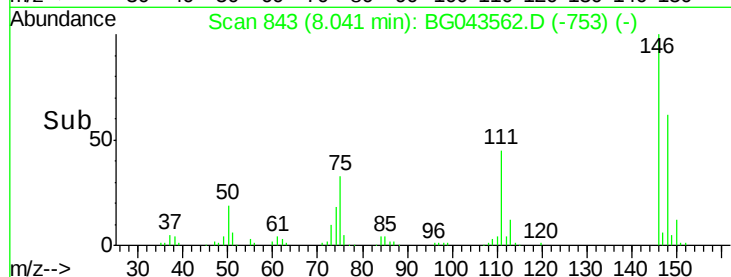
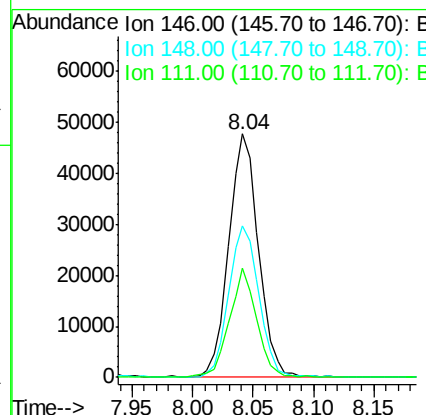
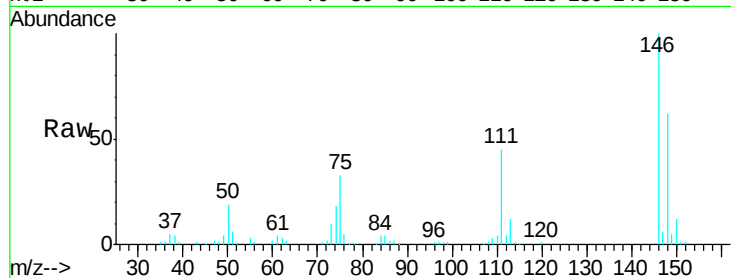




#13
 1,4-Dichlorobenzene
 Concen: 38.378 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

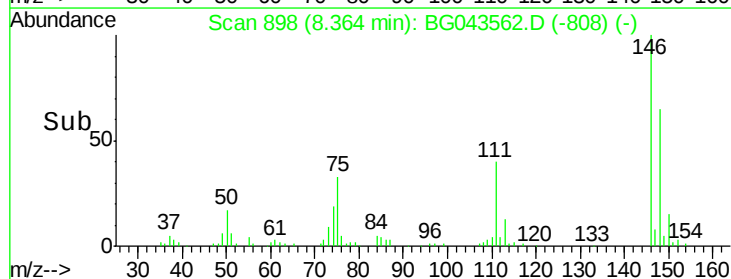
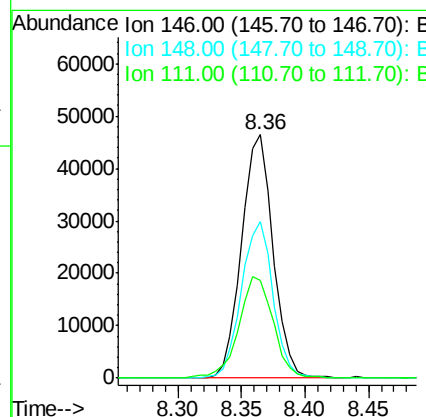
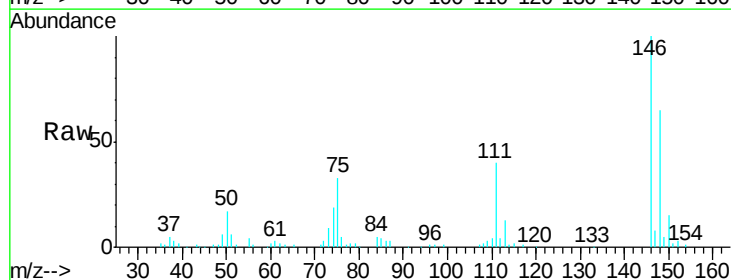
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MS

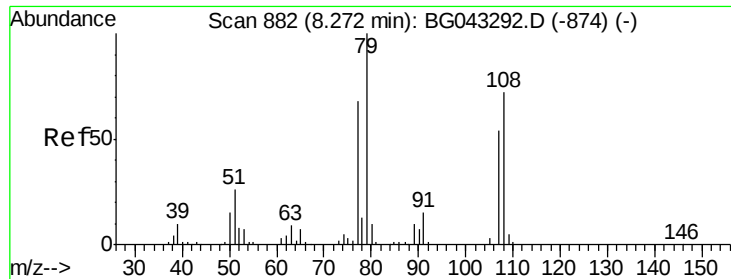
Tgt Ion:146 Resp: 81474
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.7 76.1
 111 44.8 33.4 50.2



#14
 1,2-Dichlorobenzene
 Concen: 38.600 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Tgt Ion:146 Resp: 80011
 Ion Ratio Lower Upper
 146 100
 148 64.5 53.2 79.8
 111 39.9 35.8 53.6





#15

Benzyl Alcohol

Concen: 47.131 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

ClientSampleId :

TR-05-110519MS

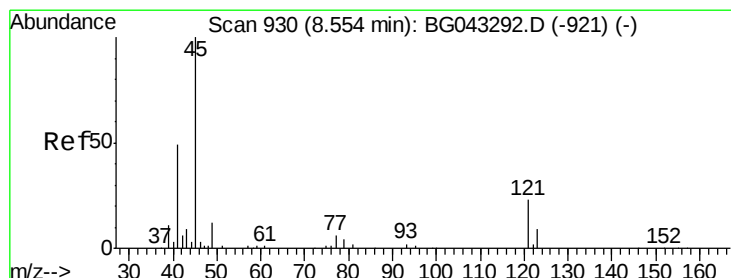
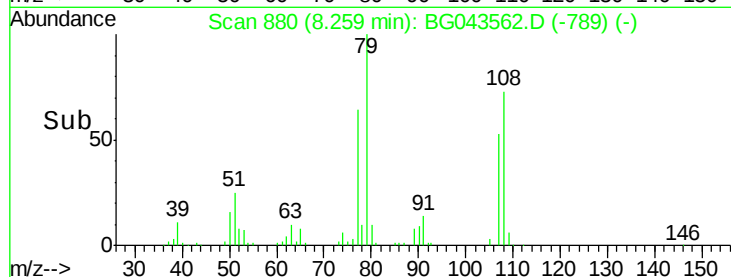
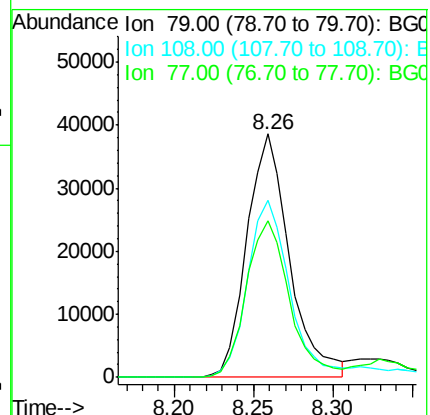
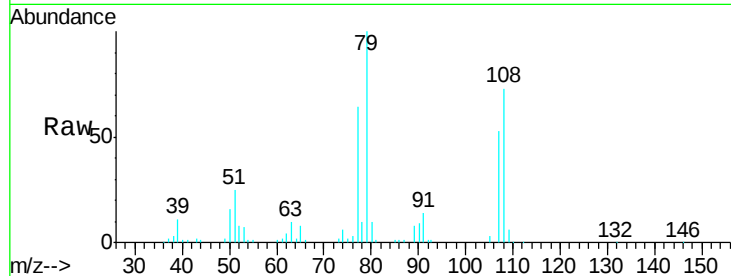
Tgt Ion: 79 Resp: 72250

Ion Ratio Lower Upper

79 100

108 72.7 53.6 80.4

77 64.4 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.677 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

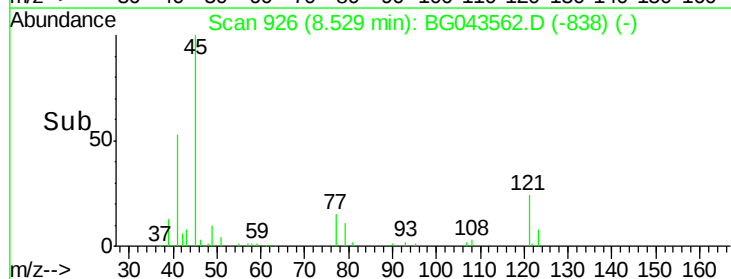
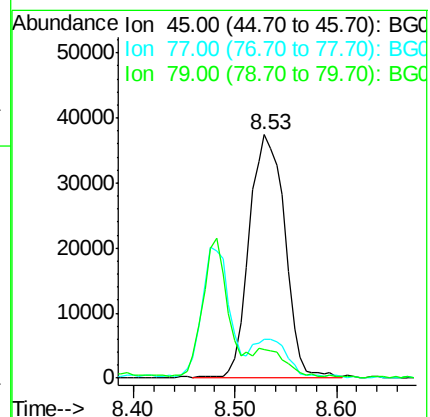
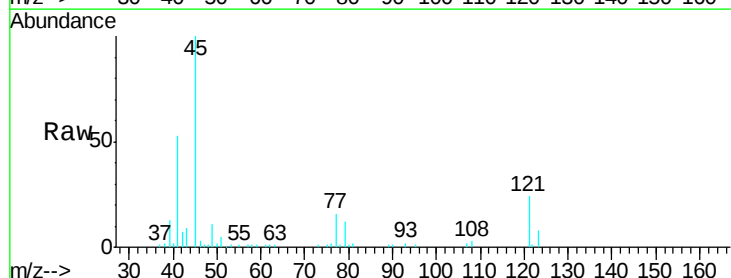
Tgt Ion: 45 Resp: 91211

Ion Ratio Lower Upper

45 100

77 16.0 0.0 34.9

79 11.8 0.0 33.0

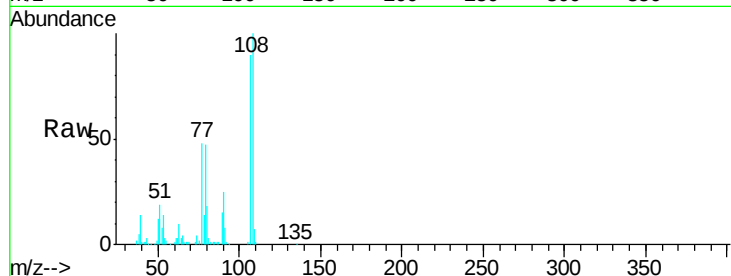




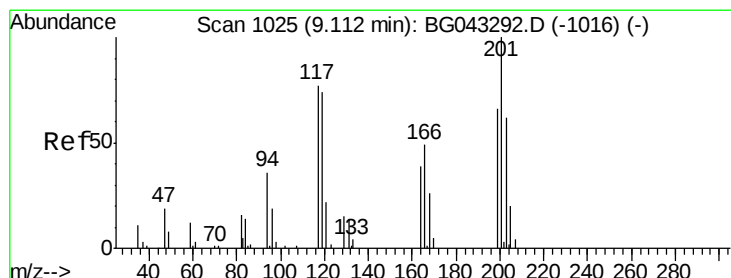
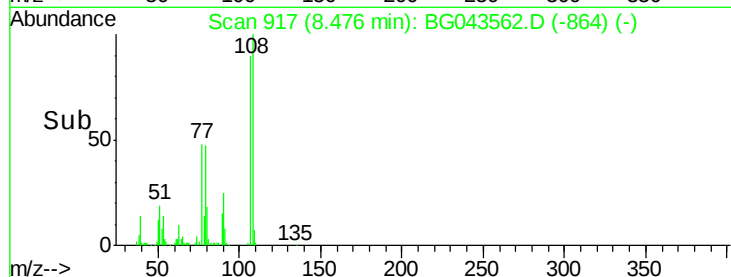
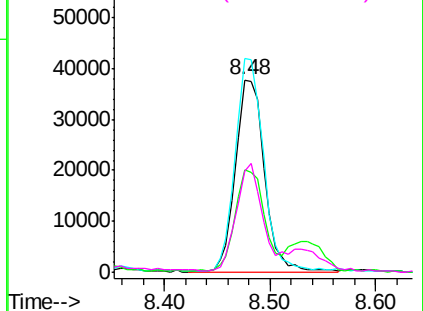
#17
2-Methylphenol
Concen: 49.526 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tgt Ion:	107	Resp:	72013
Ion	Ratio	Lower	Upper
107	100		
108	110.9	90.2	135.4
77	53.1	40.2	60.2
79	52.6	44.0	66.0

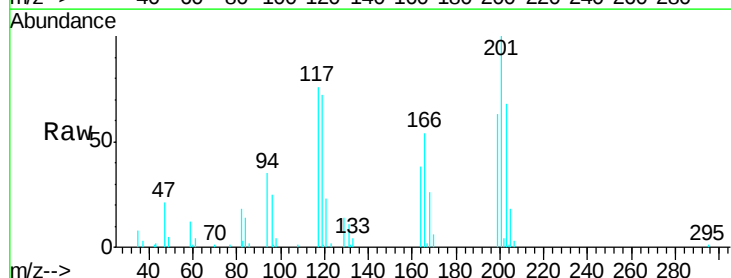


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

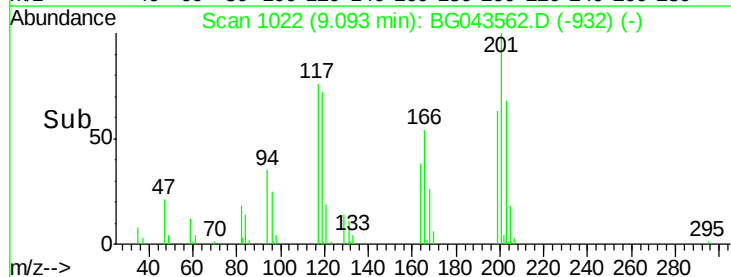
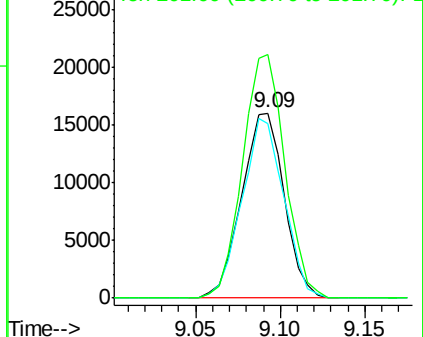


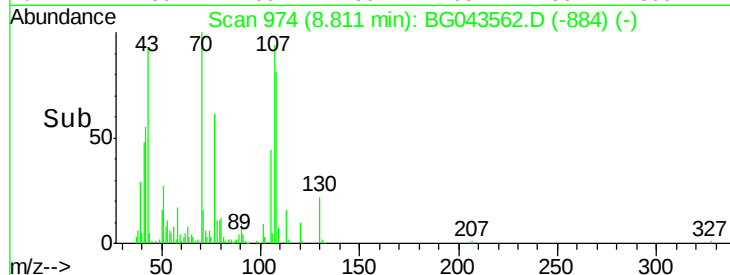
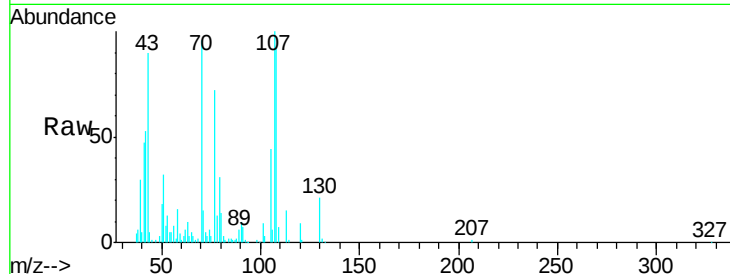
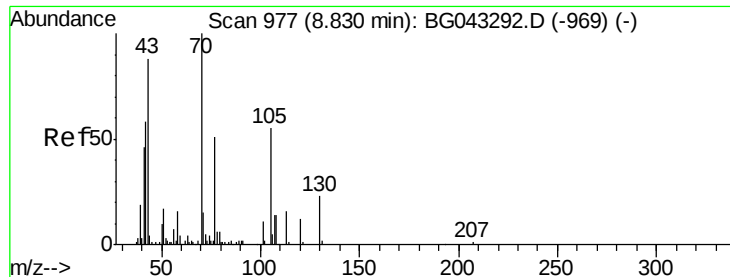
#18
Hexachloroethane
Concen: 36.549 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion:	117	Resp:	27994
Ion	Ratio	Lower	Upper
117	100		
119	94.6	79.0	118.4
201	131.7	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

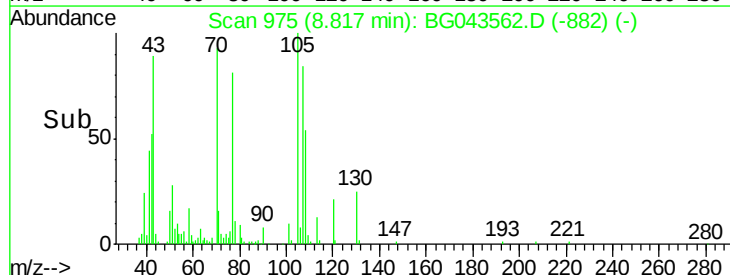
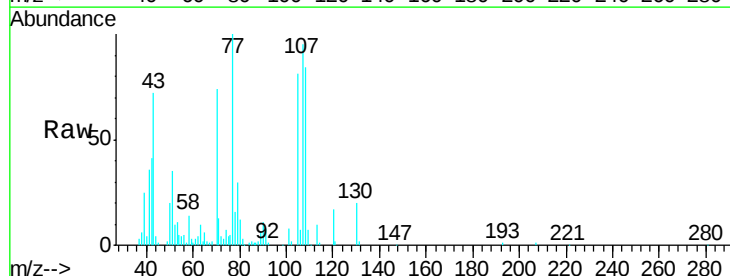
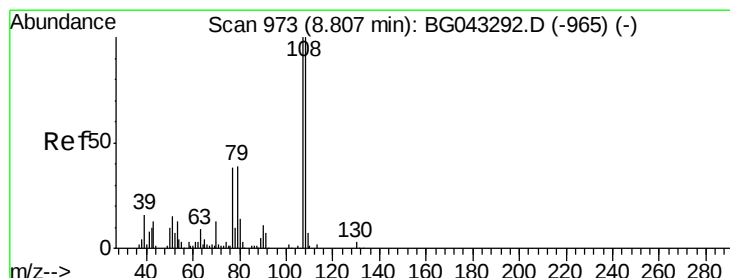
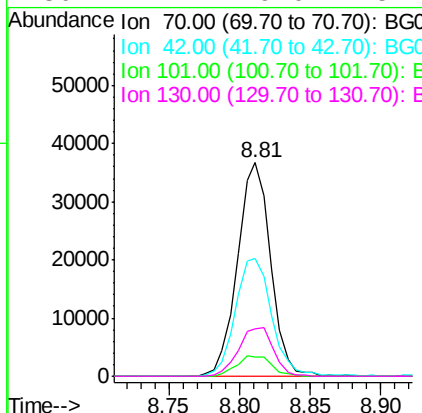




#19
n-Nitroso-di-n-propylamine
Concen: 42.579 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

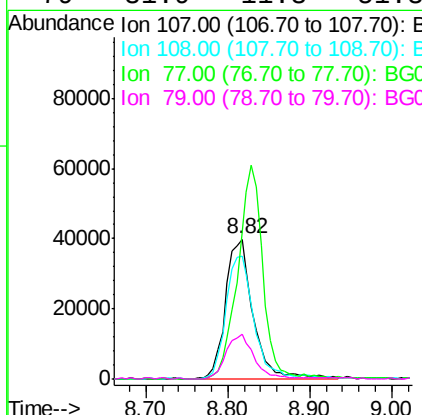
Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

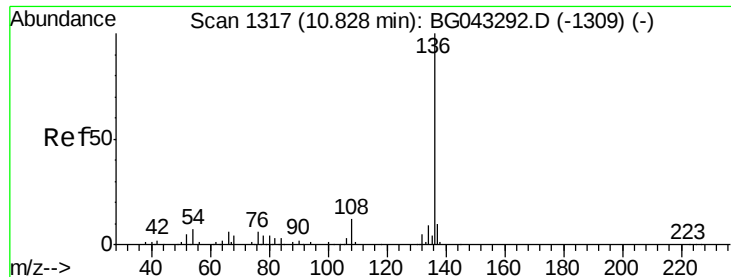
Tgt Ion:	70	Resp:	60056
Ion	Ratio	Lower	Upper
70	100		
42	55.1	41.4	62.2
101	9.1	7.9	11.9
130	22.2	19.0	28.4



#20
3+4-Methylphenols
Concen: 46.882 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.02 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion:	107	Resp:	93477
Ion	Ratio	Lower	Upper
107	100		
108	88.3	66.6	106.6
77	105.4	20.9	60.9#
79	31.9	11.3	51.3

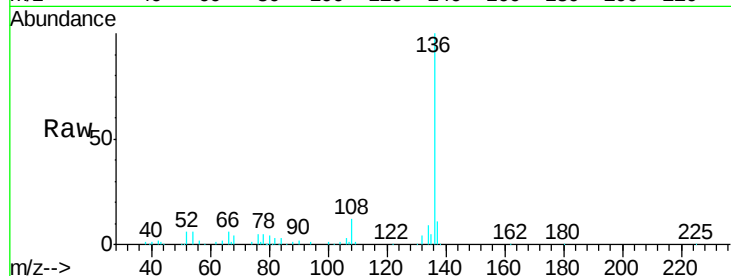




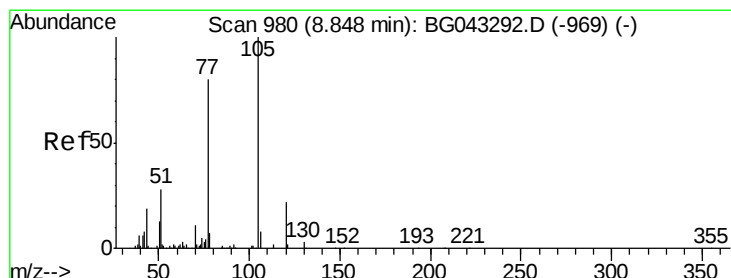
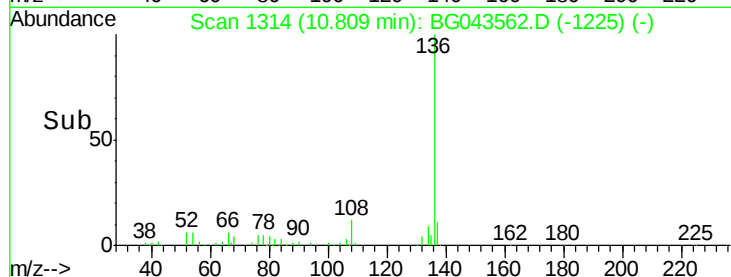
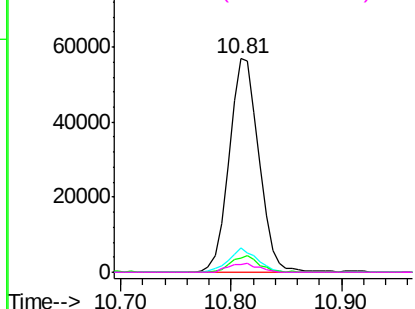
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tgt Ion:	136	Resp:	107563
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	6.3	5.4	8.2
68	3.7	3.0	4.4

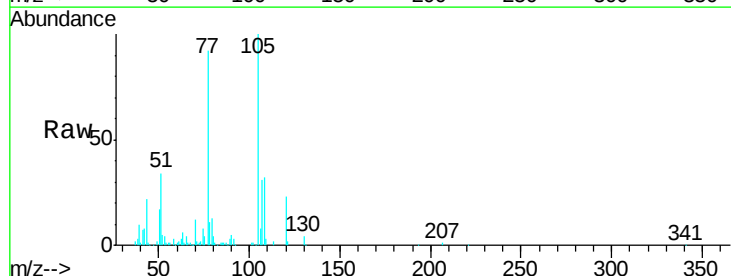


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

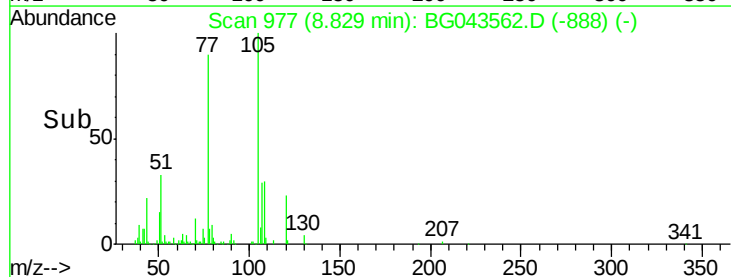
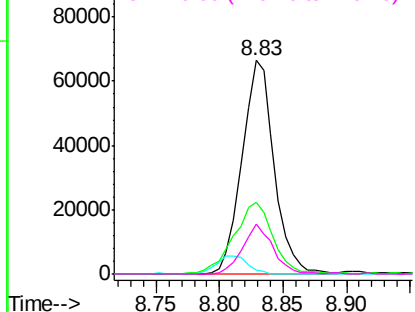


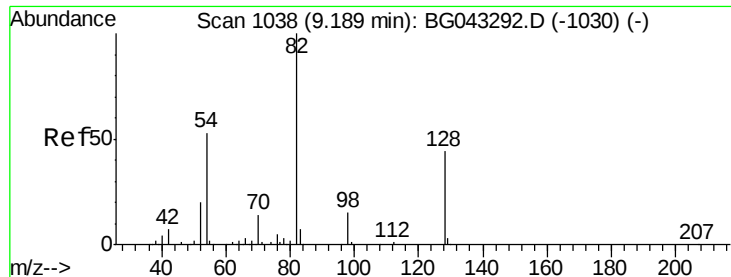
#22
Acetophenone
Concen: 42.563 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion:	105	Resp:	117244
Ion Ratio	Lower	Upper	
105	100		
71	1.7	0.8	1.2#
51	33.6	21.0	31.4#
120	23.1	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

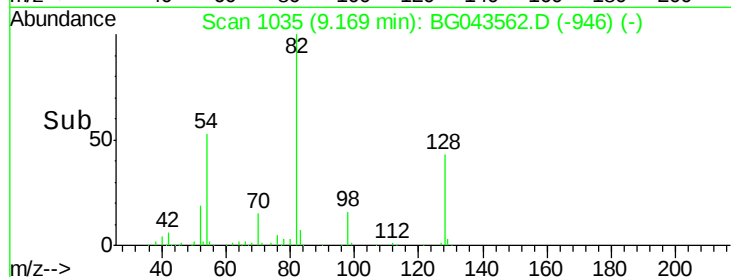
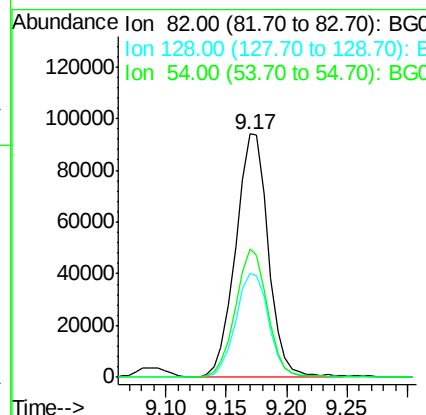
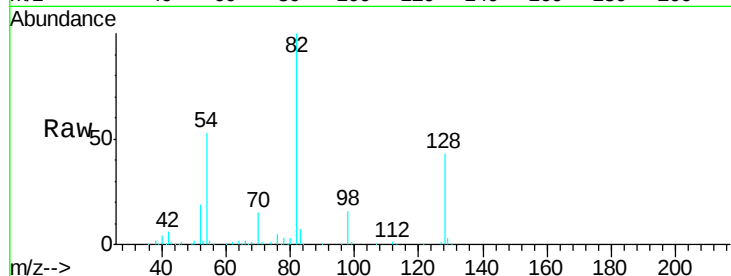




#23
 Nitrobenzene-d5
 Concen: 85.242 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

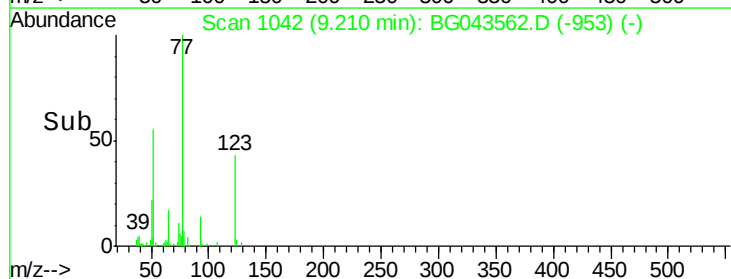
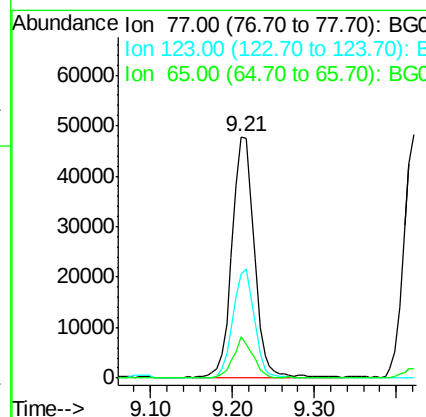
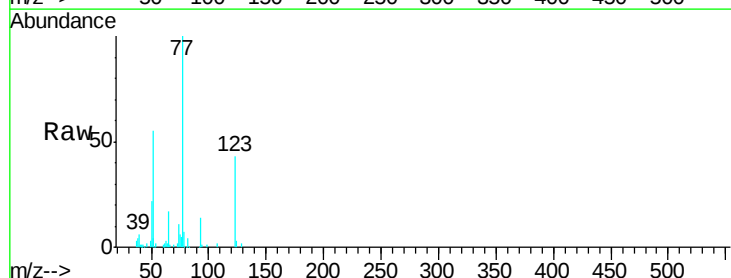
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MS

Tgt Ion: 82 Resp: 177848
 Ion Ratio Lower Upper
 82 100
 128 42.7 35.0 52.6
 54 53.0 40.2 60.2



#24
 Nitrobenzene
 Concen: 46.385 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Tgt Ion: 77 Resp: 92192
 Ion Ratio Lower Upper
 77 100
 123 43.1 35.0 52.6
 65 17.1 9.5 14.3#





#25

Isophorone

Concen: 45.475 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

ClientSampleId :

TR-05-110519MS

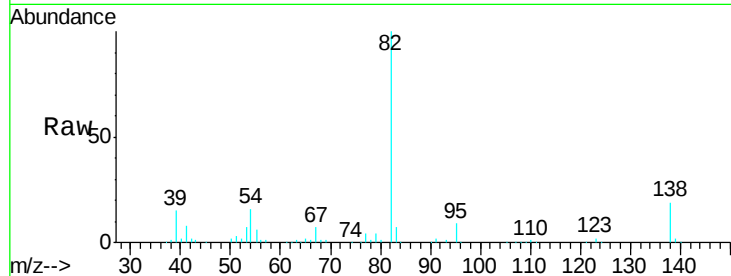
Tgt Ion: 82 Resp: 173464

Ion Ratio Lower Upper

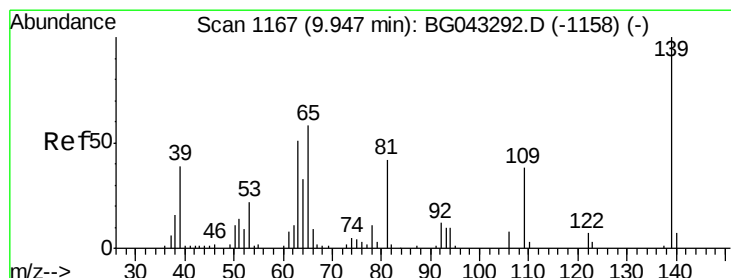
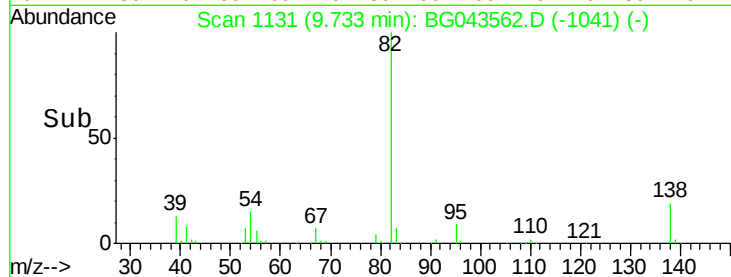
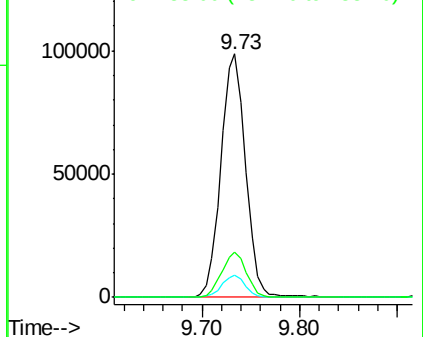
82 100

95 9.1 6.6 9.8

138 18.6 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: 49.531 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

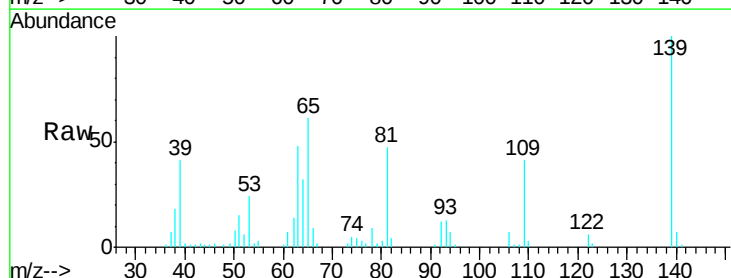
Tgt Ion: 139 Resp: 47527

Ion Ratio Lower Upper

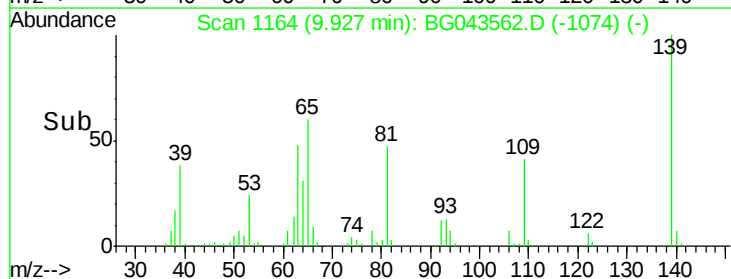
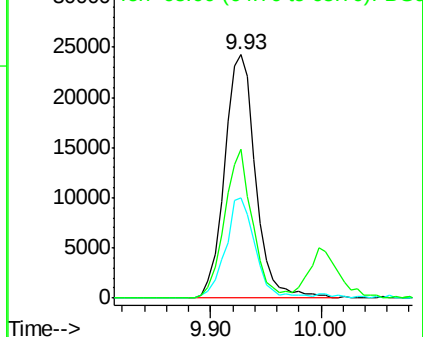
139 100

109 41.2 26.5 39.7#

65 61.4 43.8 65.8



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

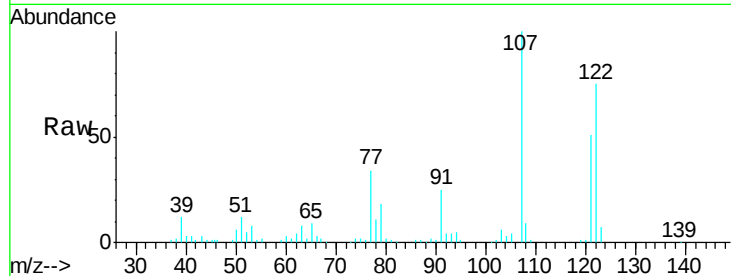




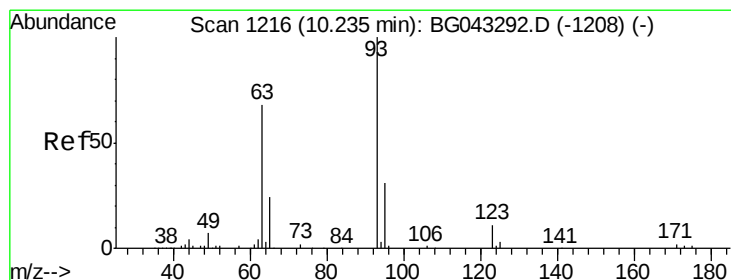
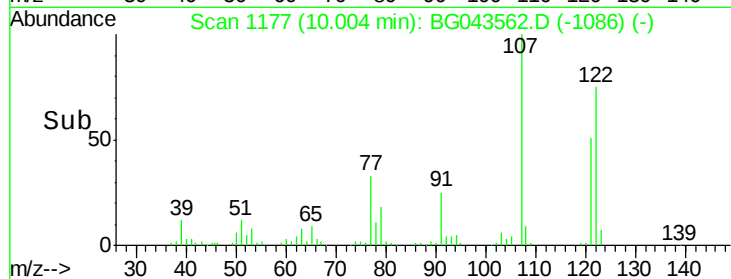
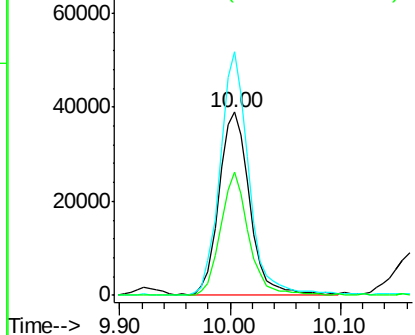
#27
 2,4-Dimethylphenol
 Concen: 55.033 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MS

Tgt Ion:122 Resp: 75686
 Ion Ratio Lower Upper
 122 100
 107 133.0 104.4 156.6
 121 67.5 47.2 70.8

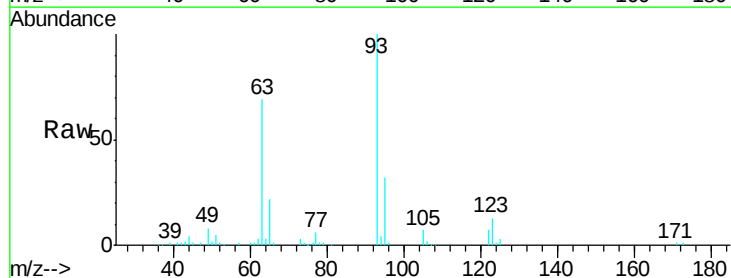


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

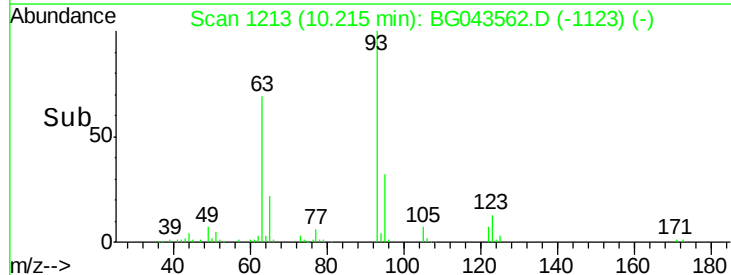
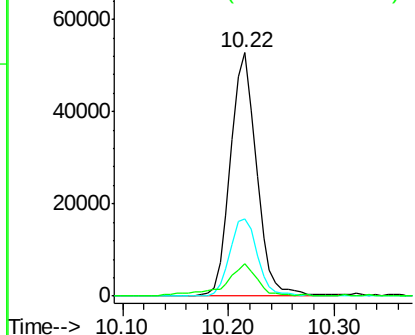


#28
 bis(2-Chloroethoxy)methane
 Concen: 43.021 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Tgt Ion: 93 Resp: 90572
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.0 39.0
 123 13.4 10.6 15.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

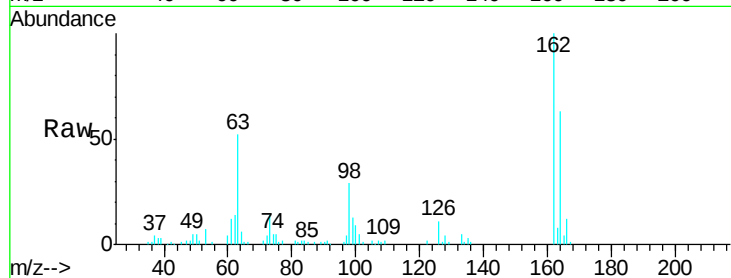




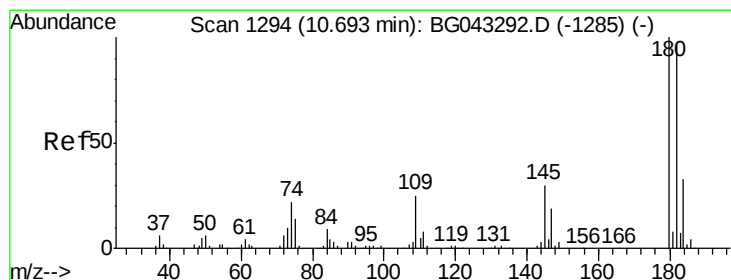
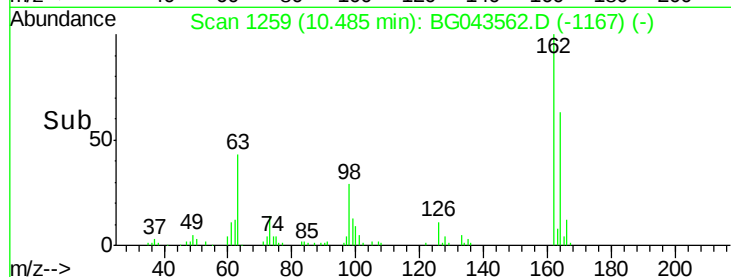
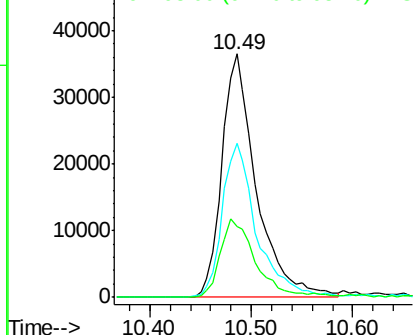
#29
2,4-Dichlorophenol
Concen: 48.700 ng
RT: 10.49 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	48.9	88.9
98	29.3	15.1	55.1

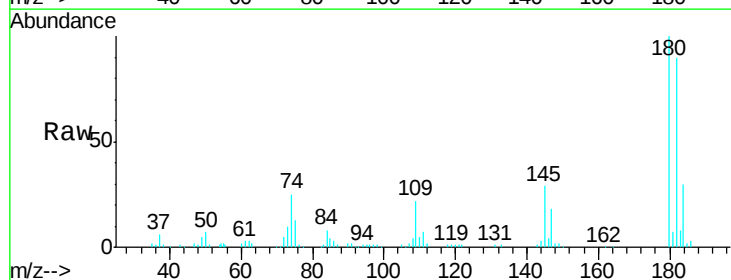


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

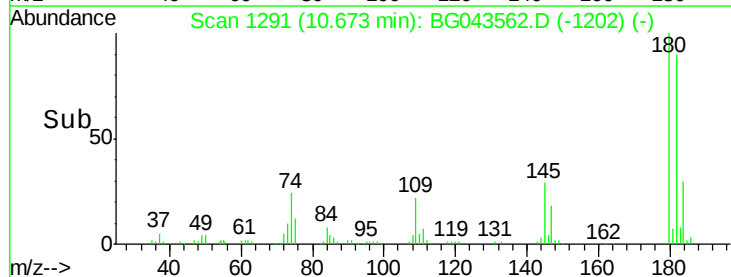
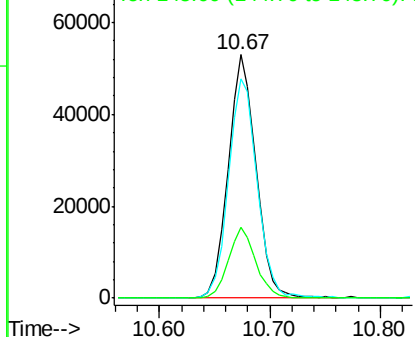


#30
1,2,4-Trichlorobenzene
Concen: 41.955 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.2	75.1	112.7
145	29.1	23.9	35.9



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

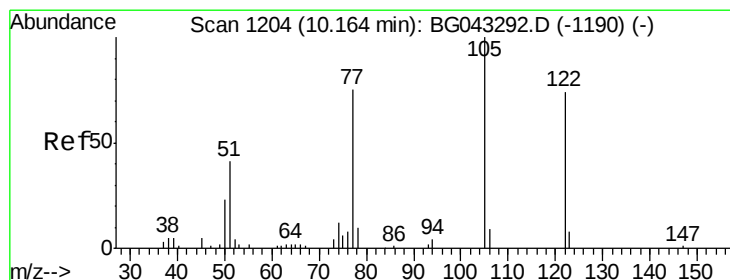
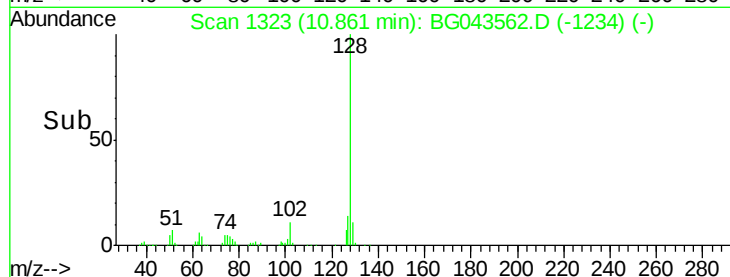
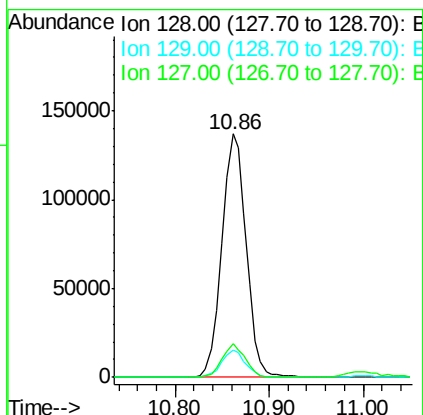
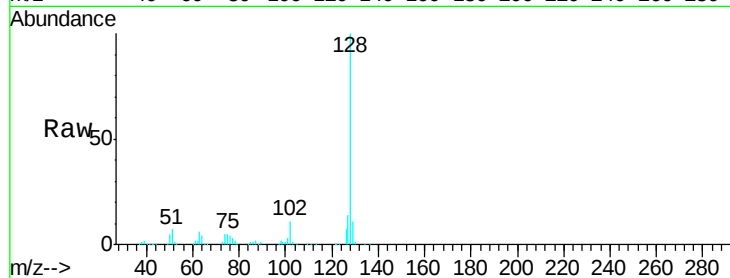




#31
Naphthalene
Concen: 45.163 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

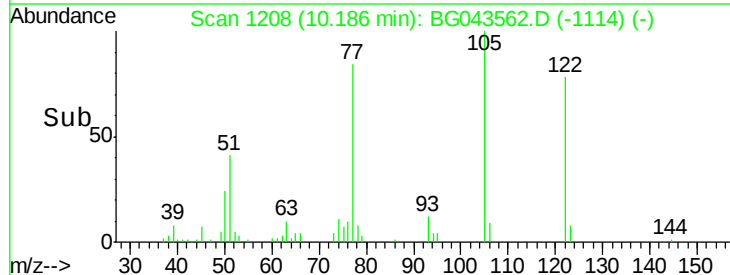
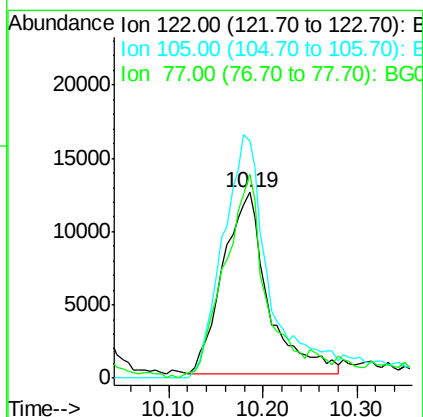
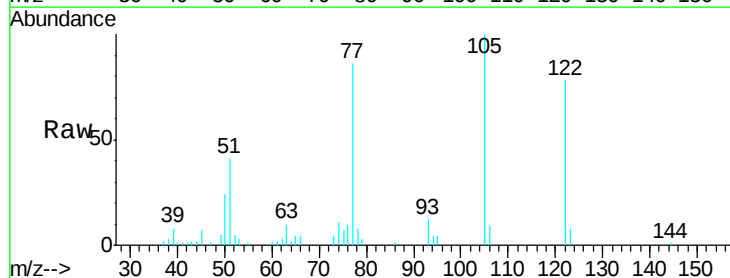
Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tgt Ion:128 Resp: 246583
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 14.0 11.1 16.7



#32
Benzoic acid
Concen: 41.174 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion:122 Resp: 41572
Ion Ratio Lower Upper
122 100
105 127.9 103.3 143.3
77 109.8 84.9 124.9

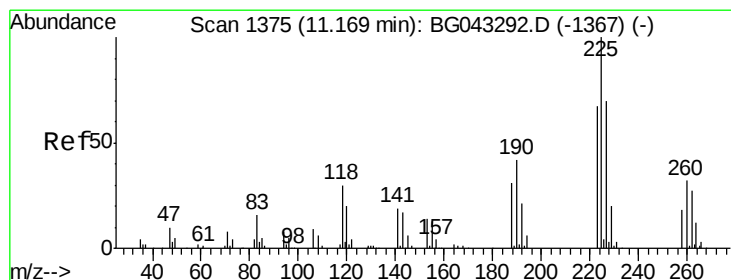
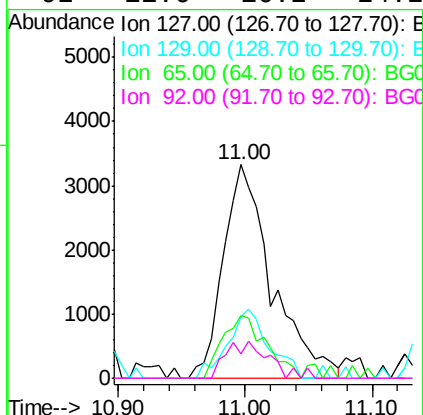
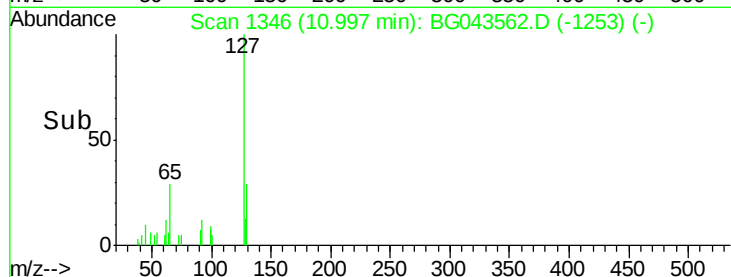
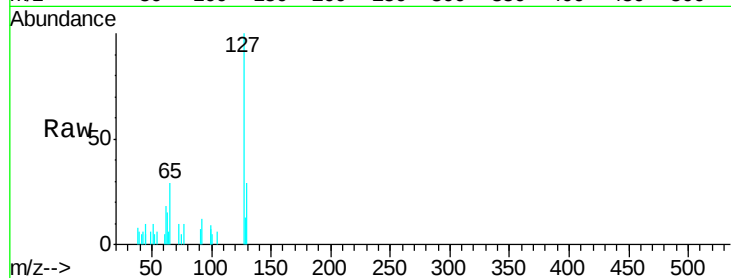




#33
4-Chloroaniline
Concen: 3.947 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

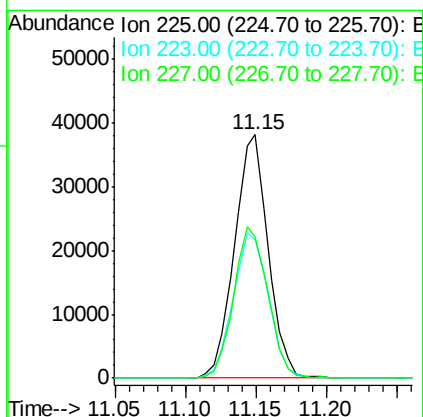
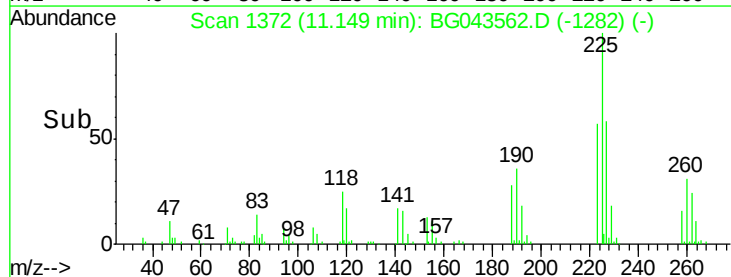
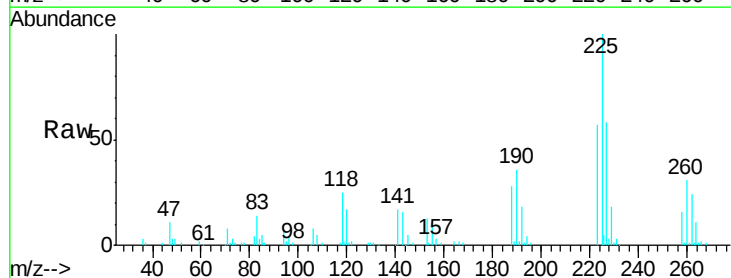
Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

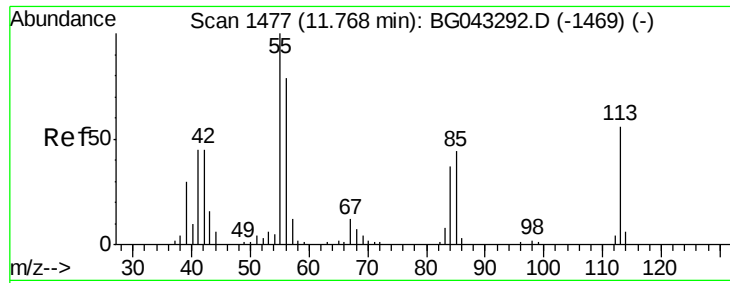
Tgt Ion:	127	Resp:	8834
Ion	Ratio	Lower	Upper
127	100		
129	28.6	26.5	39.7
65	29.2	26.4	39.6
92	11.6	16.2	24.2#



#34
Hexachlorobutadiene
Concen: 38.608 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion:	225	Resp:	63385
Ion	Ratio	Lower	Upper
225	100		
223	56.7	52.7	79.1
227	58.1	54.8	82.2

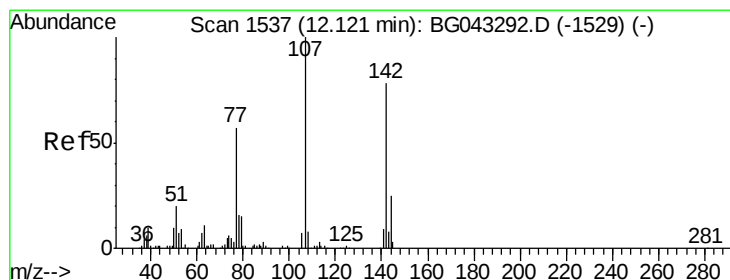
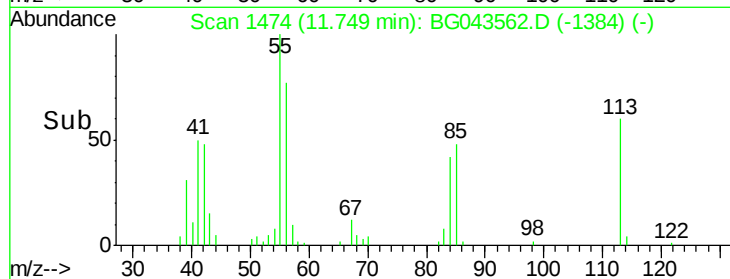
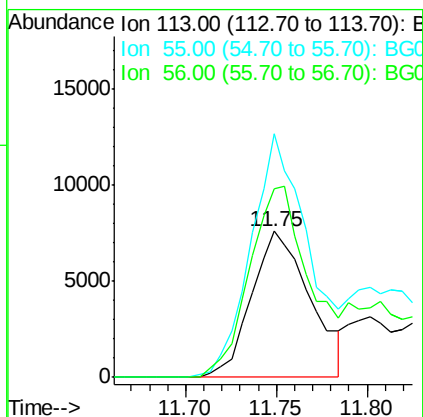
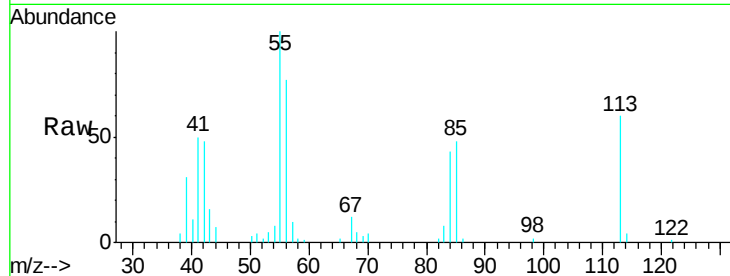




#35
 Caprolactam
 Concen: 28.212 ng
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

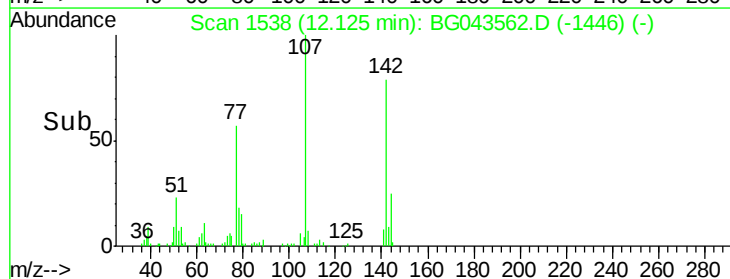
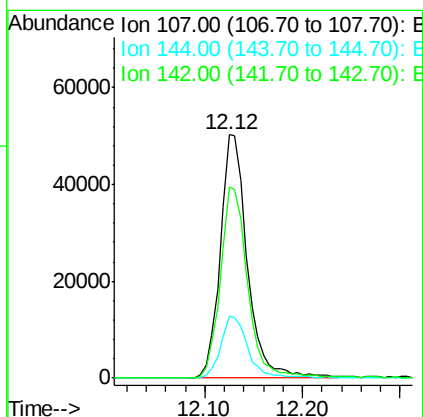
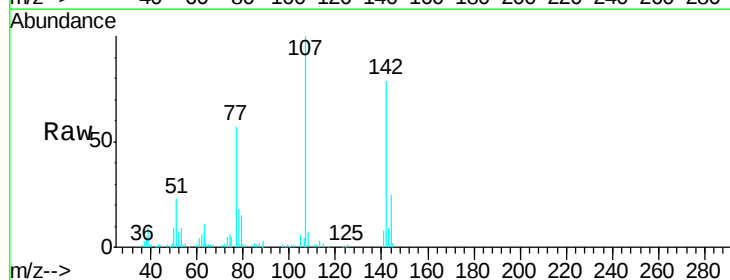
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MS

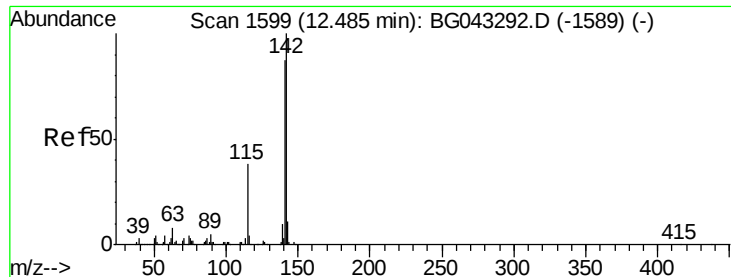
Tgt Ion:113 Resp: 17121
 Ion Ratio Lower Upper
 113 100
 55 166.9 134.1 174.1
 56 128.9 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 50.274 ng
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Tgt Ion:107 Resp: 96632
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.9 31.3
 142 78.7 59.6 89.4

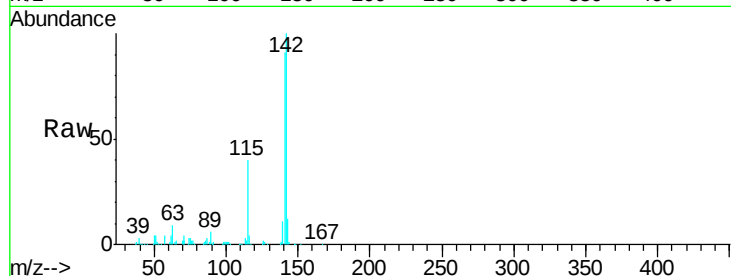




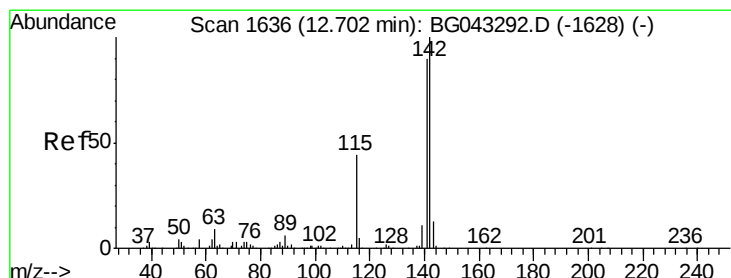
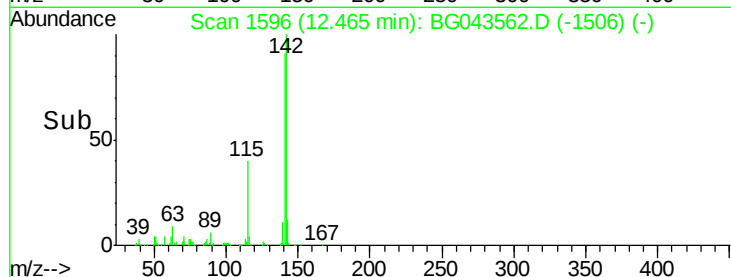
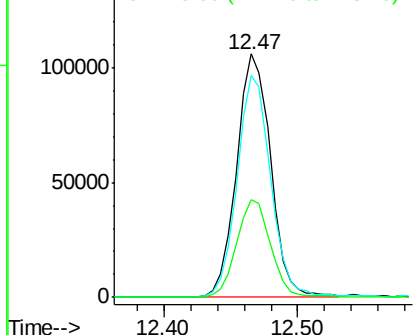
#37
 2-Methylnaphthalene
 Concen: 44.708 ng
 RT: 12.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.2	108.2
115	40.2	33.2	49.8

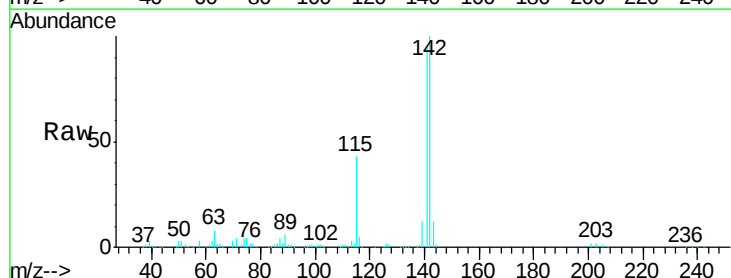


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

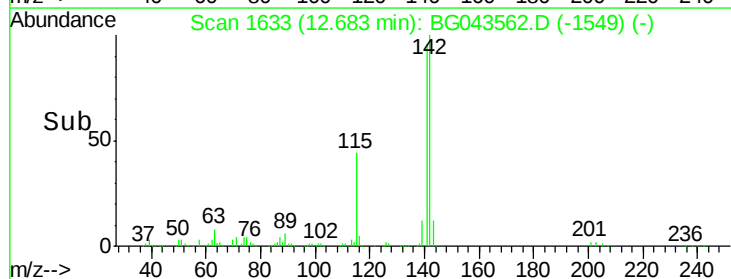
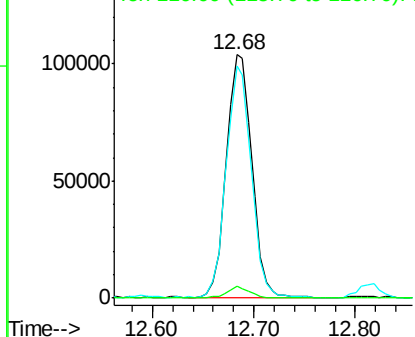


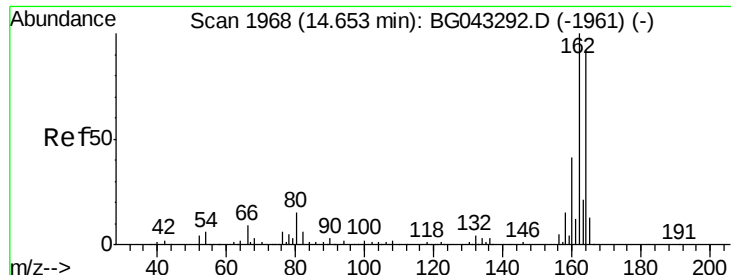
#38
 1-Methylnaphthalene
 Concen: 45.640 ng
 RT: 12.68 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	73.2	109.8
116	4.9	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# 1966

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

ClientSampleId :

TR-05-110519MS

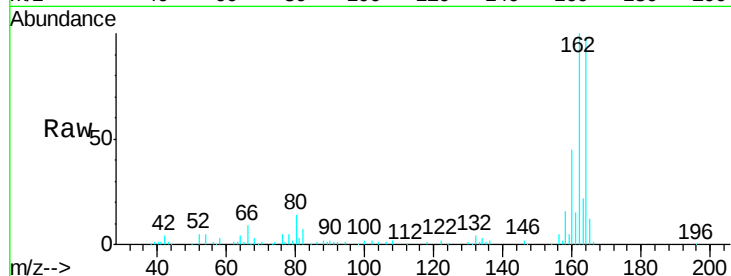
Tgt Ion:164 Resp: 77571

Ion Ratio Lower Upper

164 100

162 102.5 83.5 125.3

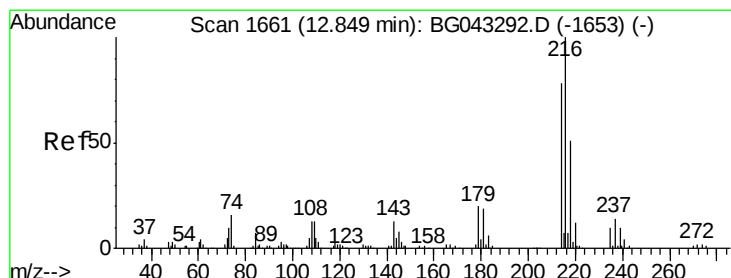
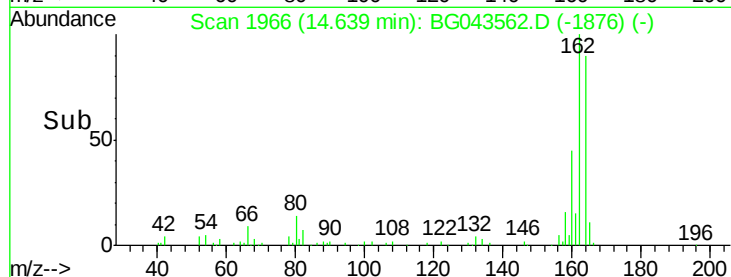
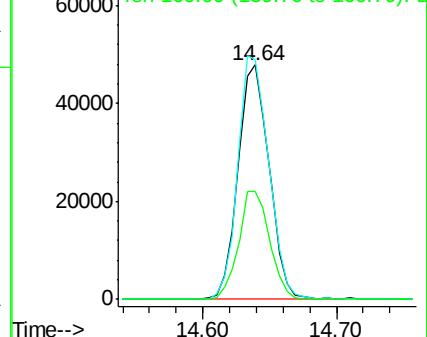
160 46.1 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.646 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Tgt Ion:216 Resp: 122428

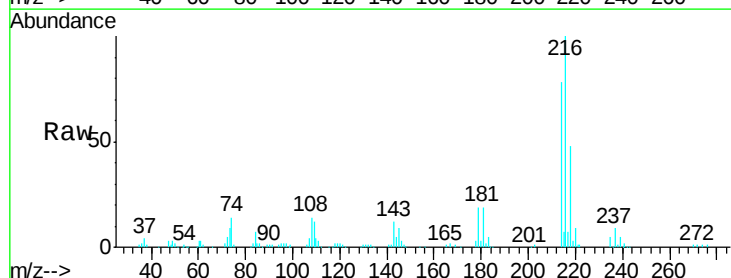
Ion Ratio Lower Upper

216 100

214 78.4 61.7 92.5

179 19.4 15.8 23.8

108 15.5 11.5 17.3

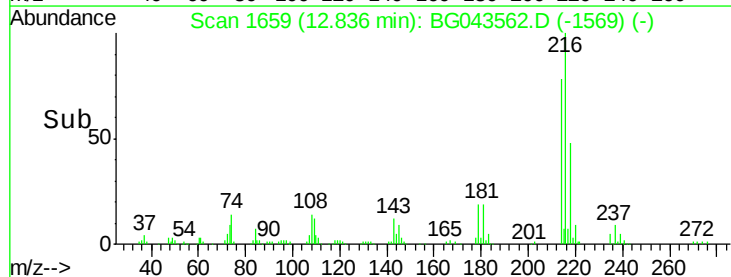
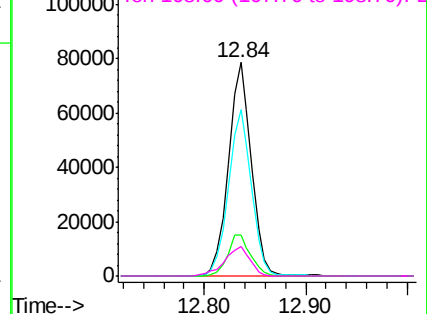


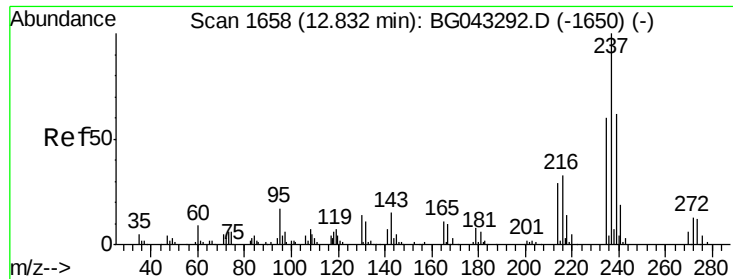
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 66.816 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

ClientSampleId :

TR-05-110519MS

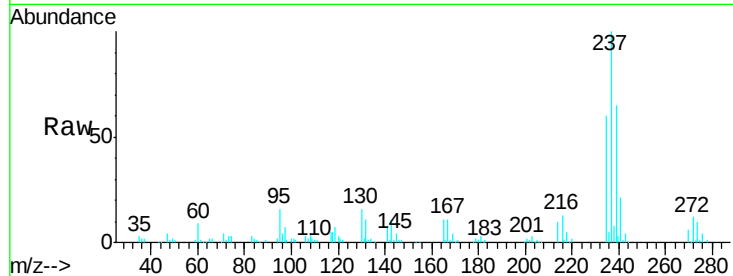
Tgt Ion: 237 Resp: 100761

Ion Ratio Lower Upper

237 100

235 60.1 41.6 81.6

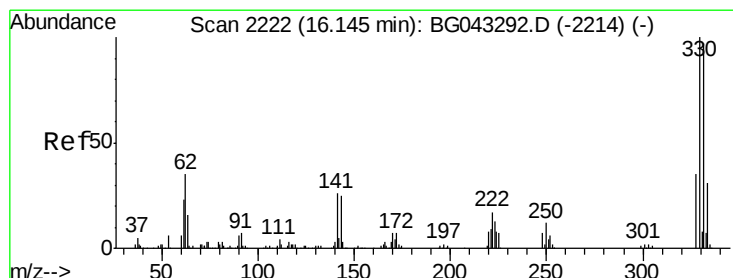
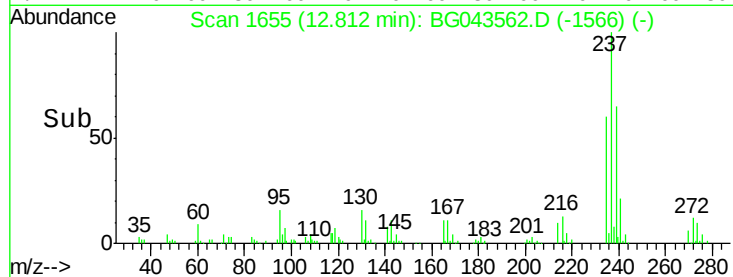
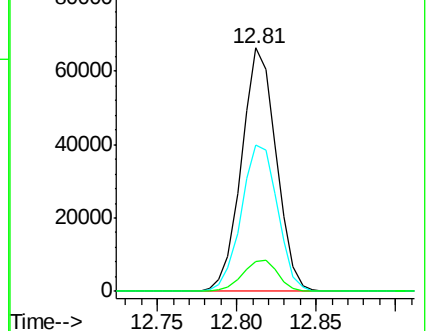
272 12.3 0.0 32.5



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: 136.870 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

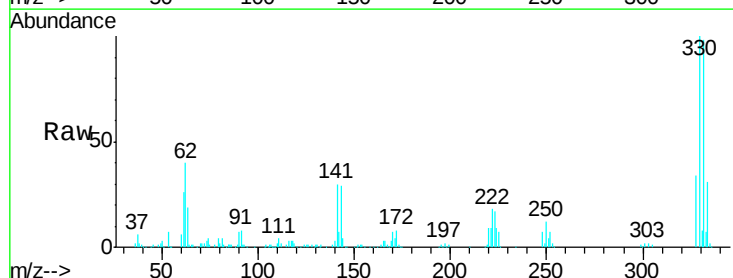
Tgt Ion: 330 Resp: 202044

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

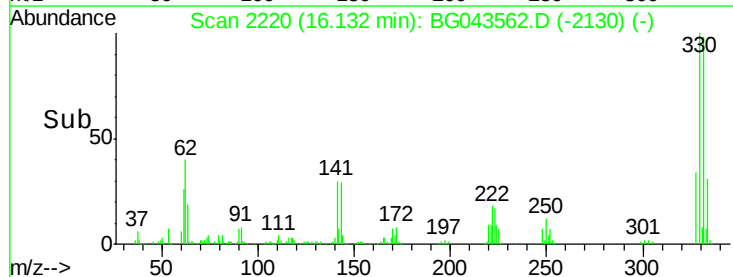
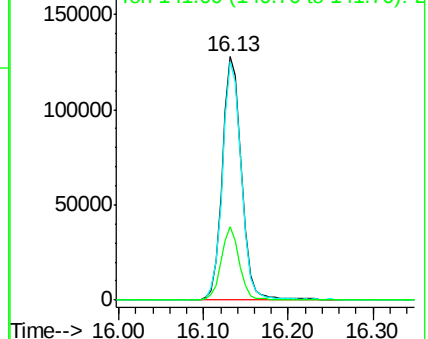
141 28.6 22.8 34.2



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

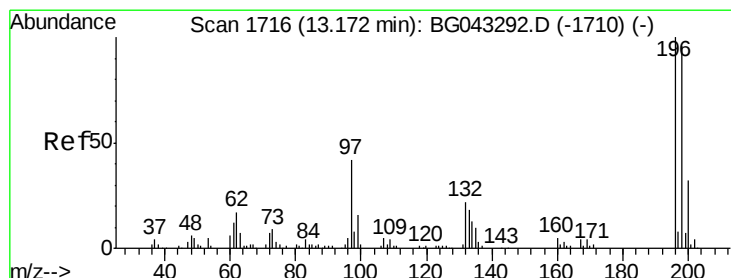
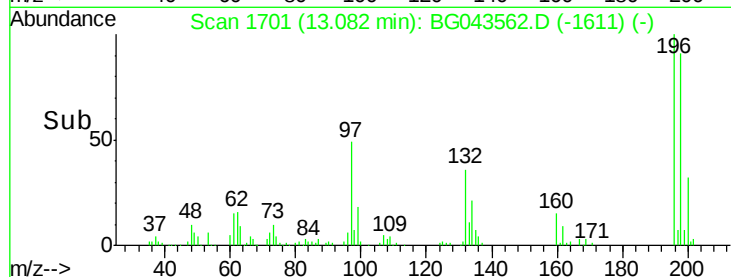
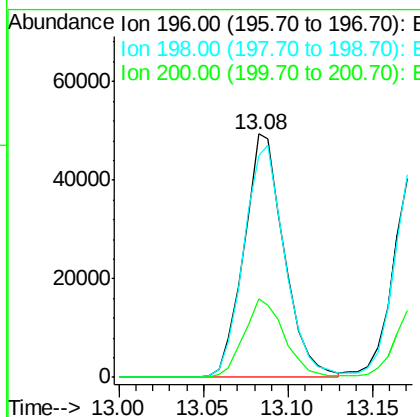
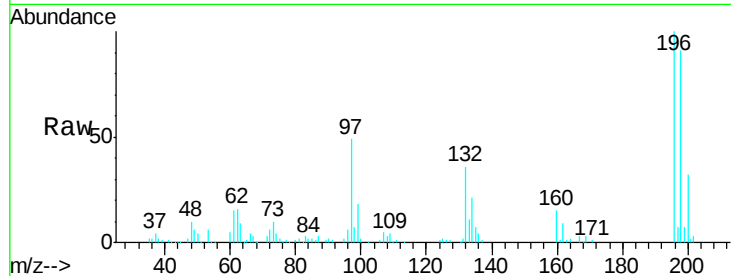




#43
 2,4,6-Trichlorophenol
 Concen: 48.201 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

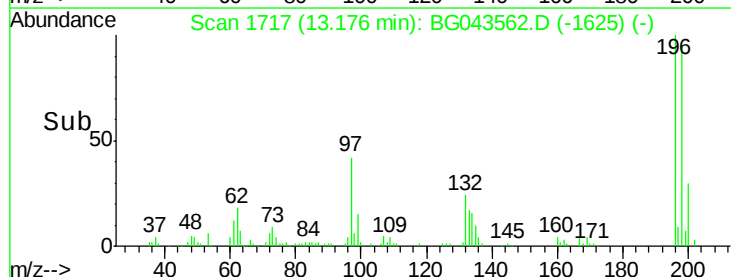
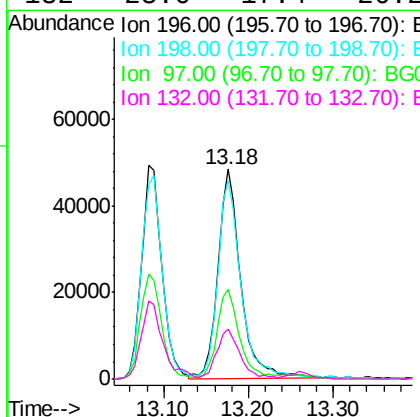
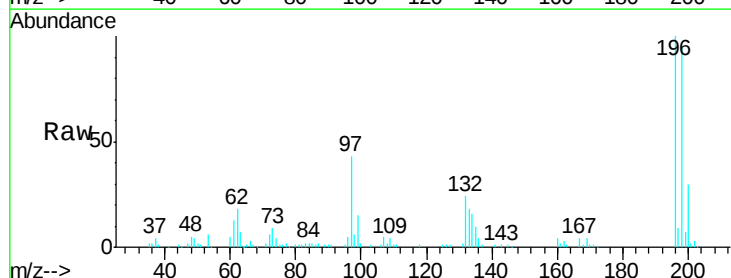
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MS

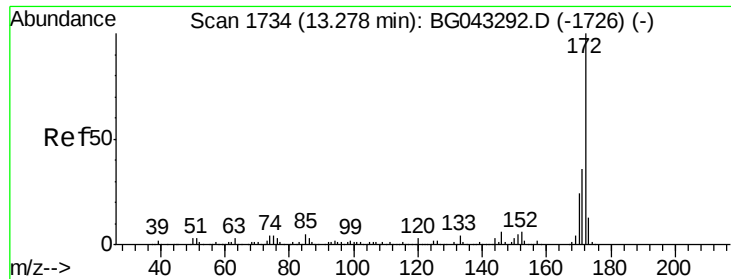
Tgt Ion:196 Resp: 81491
 Ion Ratio Lower Upper
 196 100
 198 91.1 75.8 113.6
 200 32.3 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 52.960 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Tgt Ion:196 Resp: 90519
 Ion Ratio Lower Upper
 196 100
 198 94.5 74.5 111.7
 97 42.8 36.3 54.5
 132 23.6 17.4 26.2

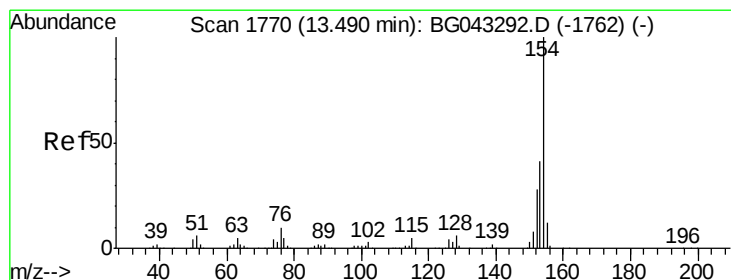
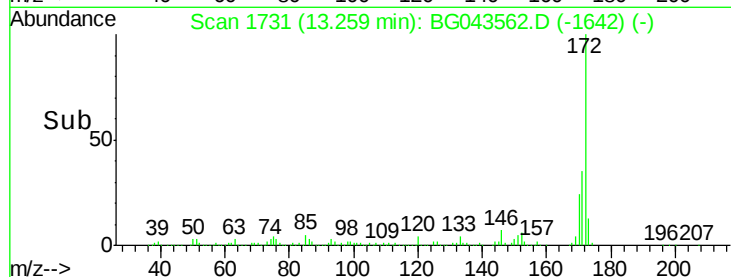
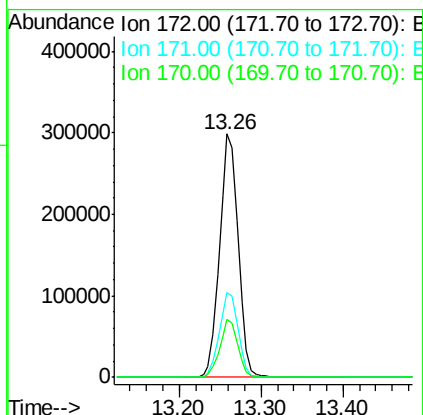
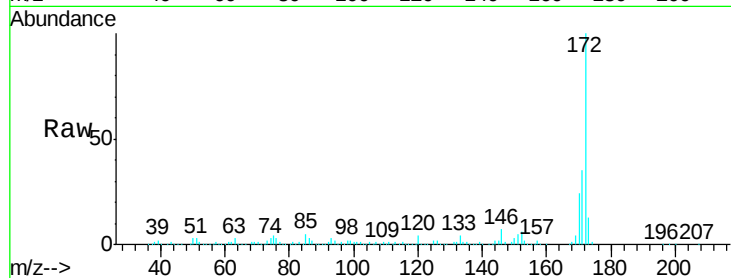




#45
 2-Fluorobiphenyl
 Concen: 84.121 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

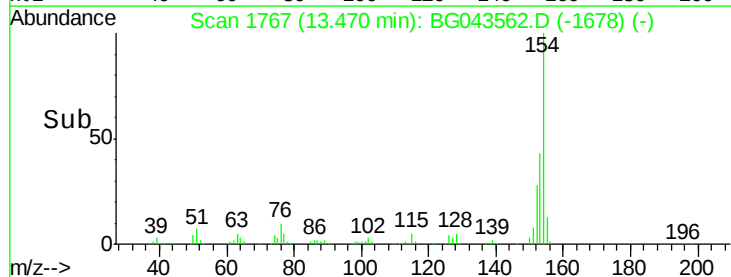
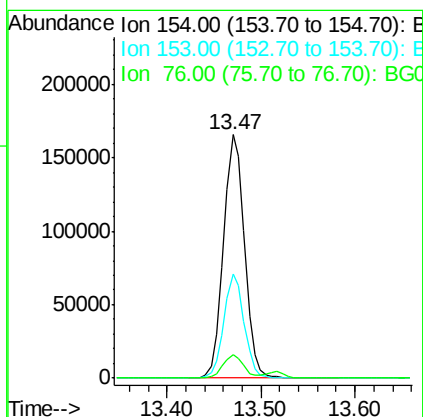
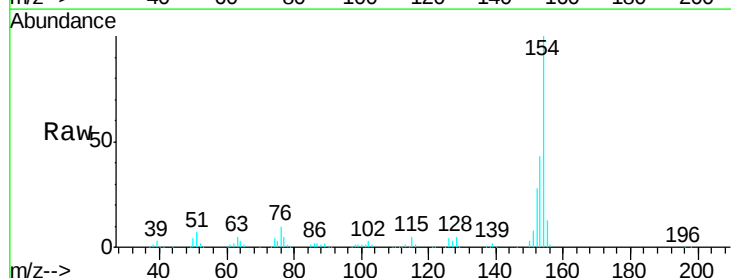
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MS

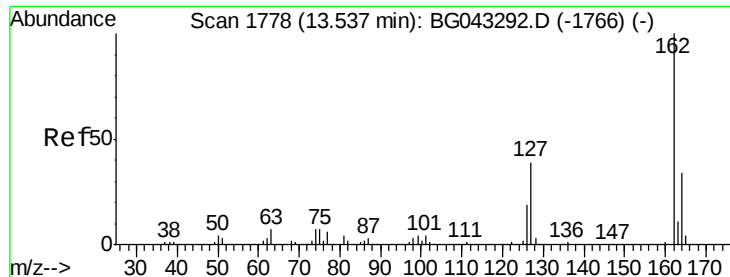
Tgt Ion:172 Resp: 472232
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.9 43.3
 170 23.6 18.5 27.7



#46
 1,1'-Biphenyl
 Concen: 43.876 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Tgt Ion:154 Resp: 258923
 Ion Ratio Lower Upper
 154 100
 153 42.8 19.9 59.9
 76 9.9 0.0 29.4

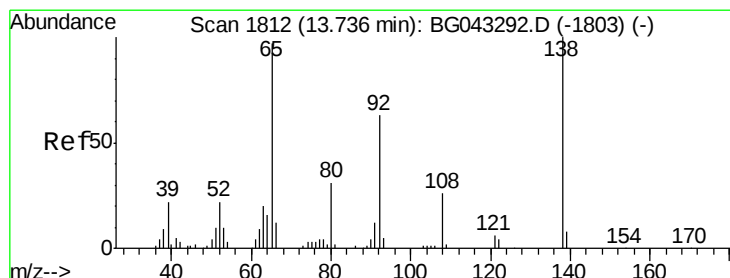
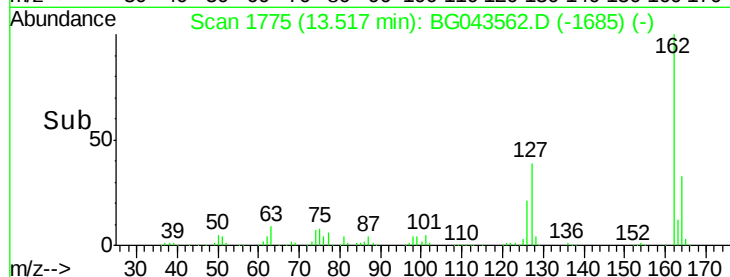
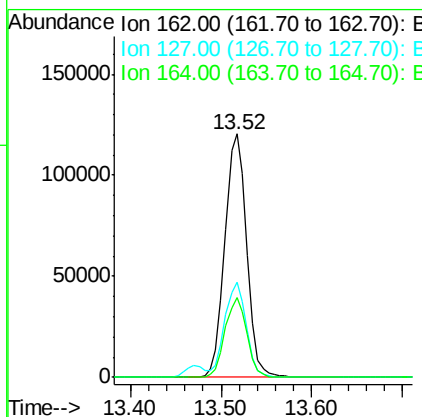
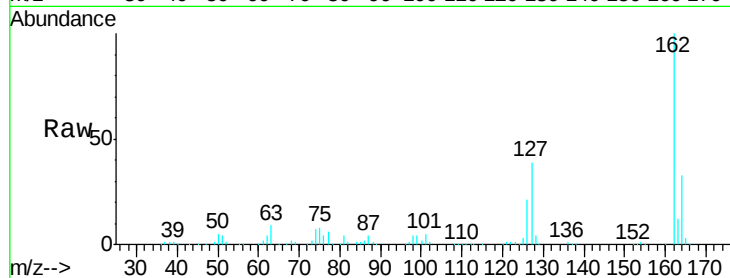




#47
2-Chloronaphthalene
Concen: 44.894 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

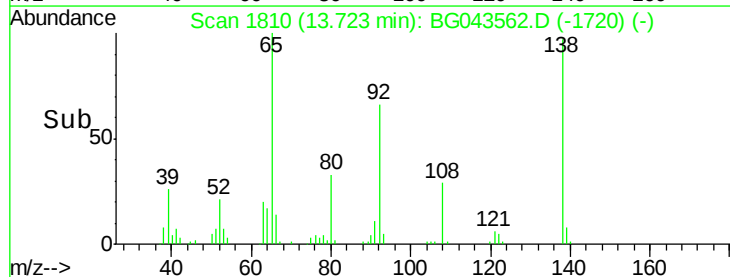
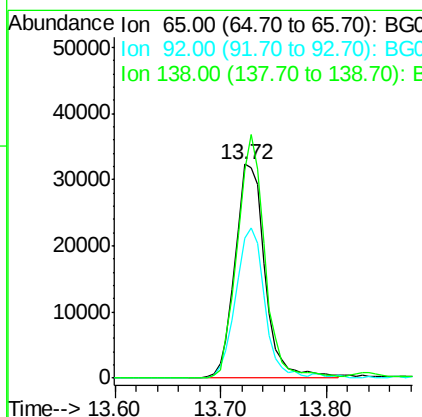
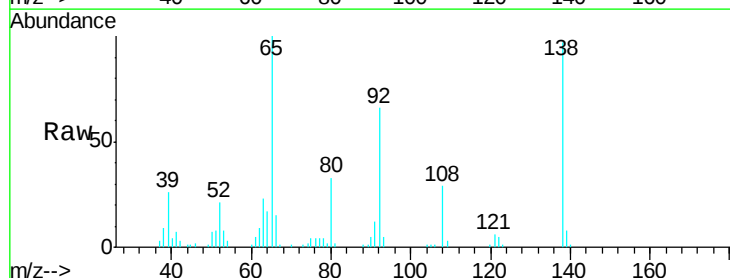
Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

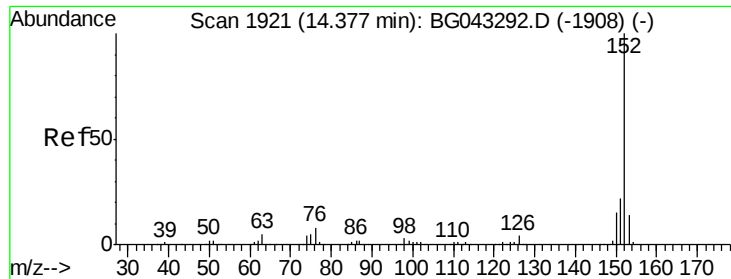
Tgt Ion: 162 Resp: 201574
Ion Ratio Lower Upper
162 100
127 39.1 31.2 46.8
164 32.7 25.8 38.8



#48
2-Nitroaniline
Concen: 47.139 ng
RT: 13.72 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion: 65 Resp: 63260
Ion Ratio Lower Upper
65 100
92 65.7 56.2 84.2
138 97.2 82.6 123.8





#49

Acenaphthylene

Concen: 48.398 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

ClientSampleId :

TR-05-110519MS

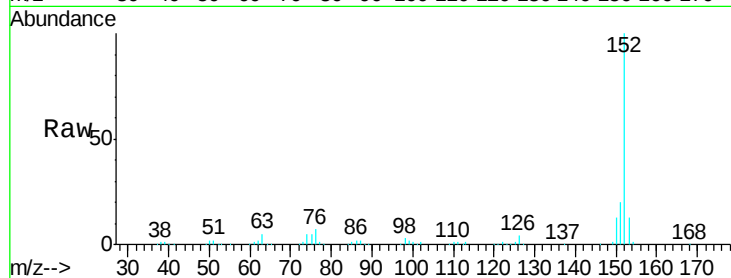
Tgt Ion:152 Resp: 338211

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.4

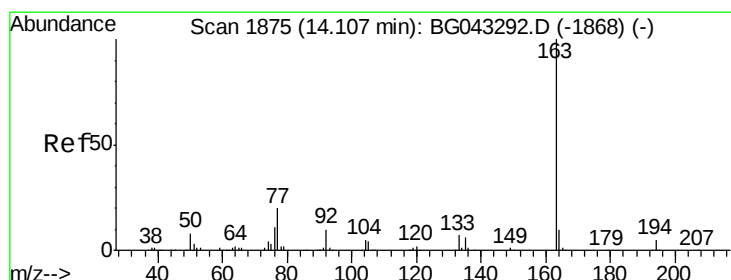
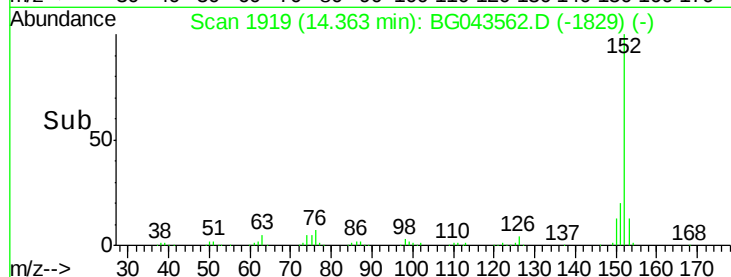
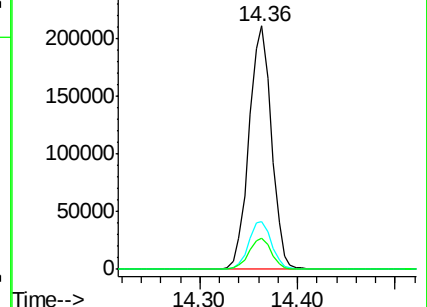
153 13.0 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.736 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

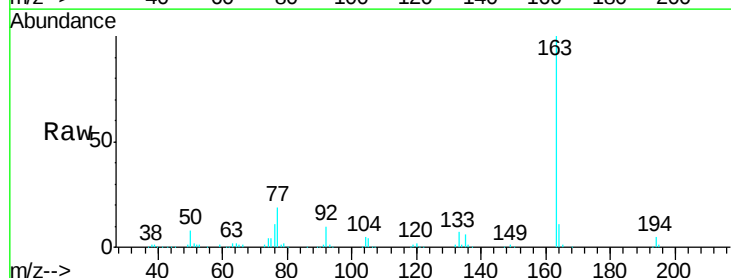
Tgt Ion:163 Resp: 322869

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

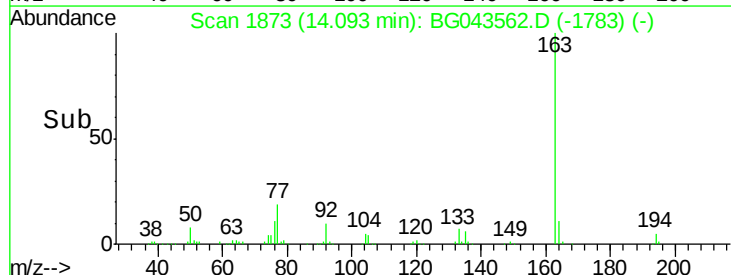
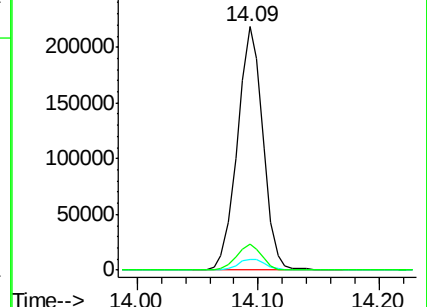
164 10.9 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.769 ng

RT: 14.22 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

ClientSampleId :

TR-05-110519MS

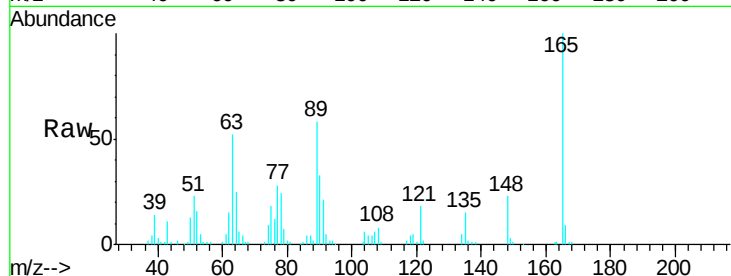
Tgt Ion:165 Resp: 62353

Ion Ratio Lower Upper

165 100

63 52.0 46.6 69.8

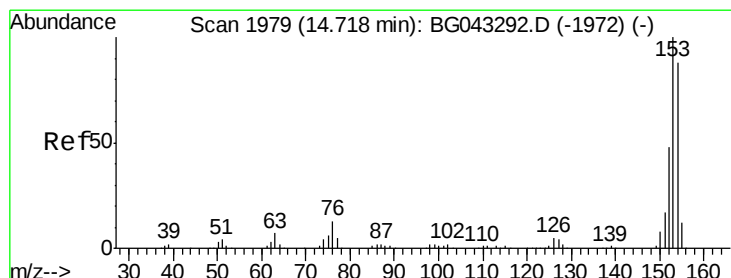
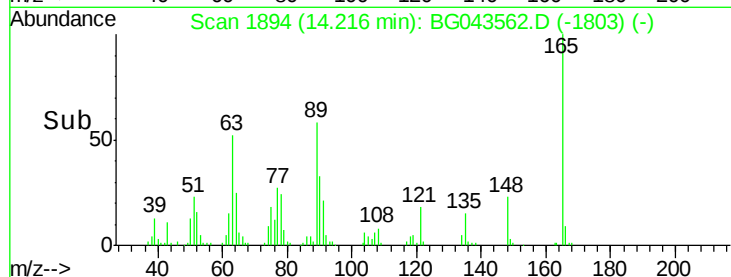
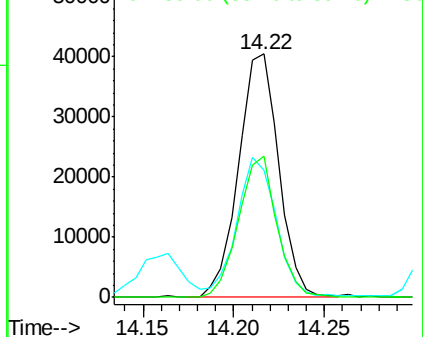
89 57.8 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 46.681 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

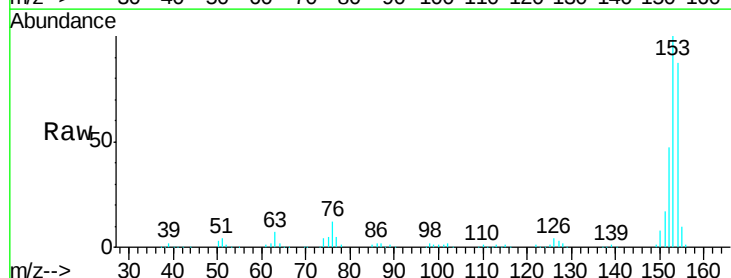
Tgt Ion:154 Resp: 198933

Ion Ratio Lower Upper

154 100

153 115.4 88.2 132.2

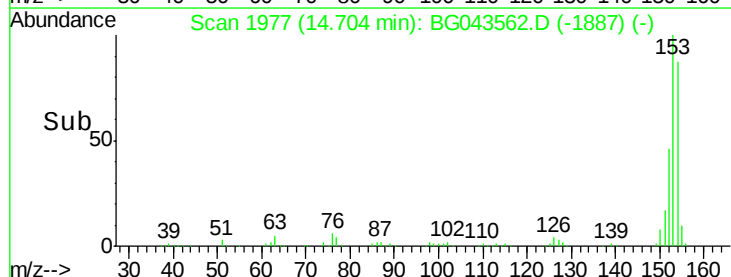
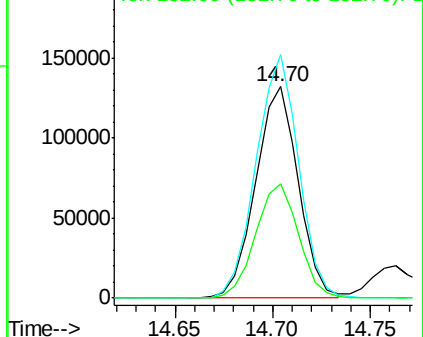
152 53.9 40.0 60.0

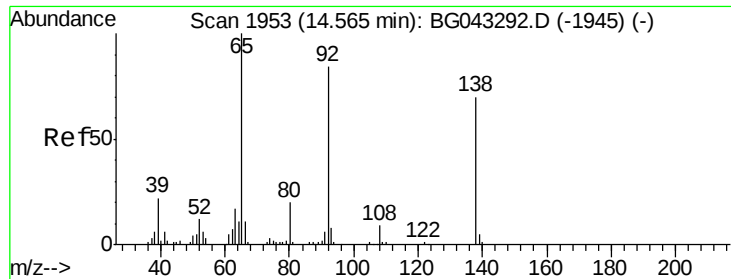


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

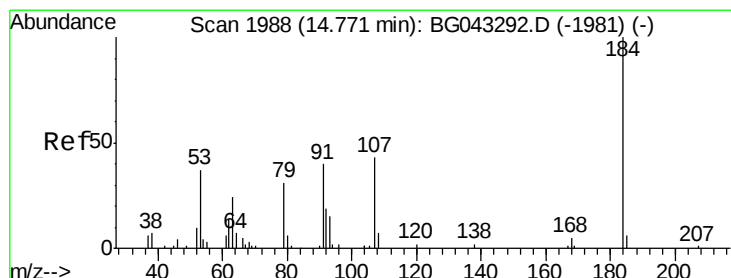
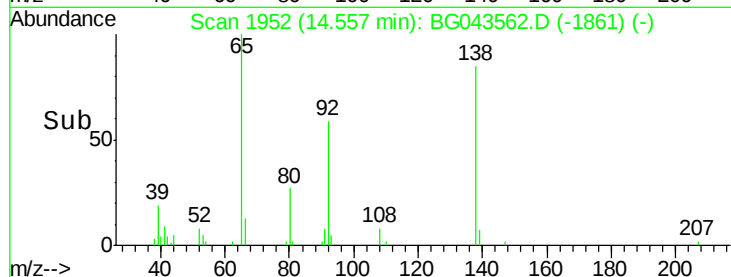
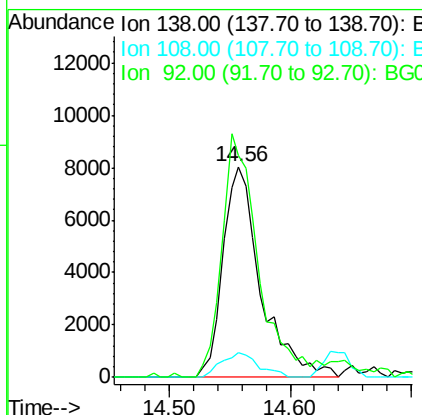
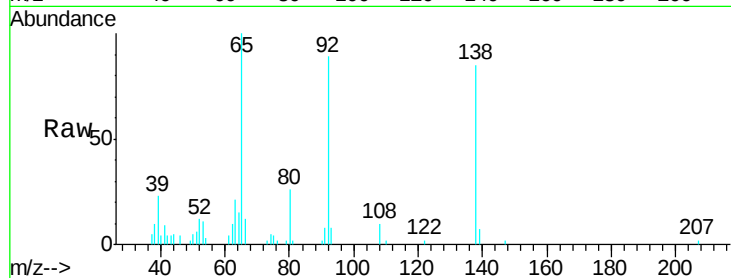




#53
 3-Nitroaniline
 Concen: 13.842 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

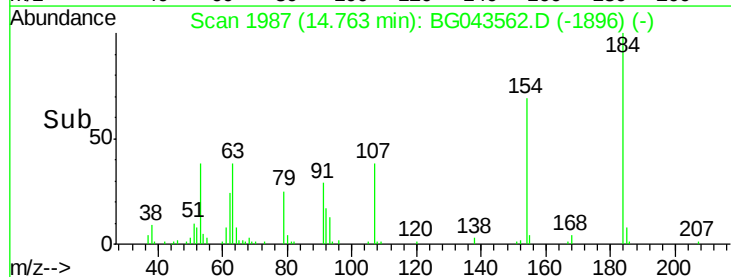
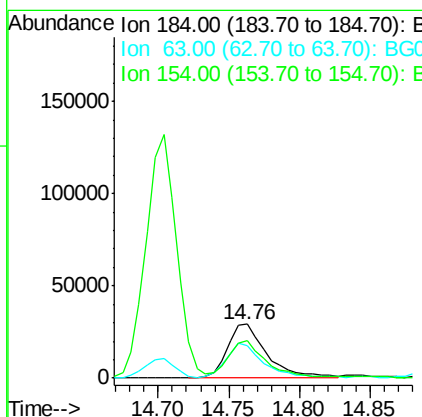
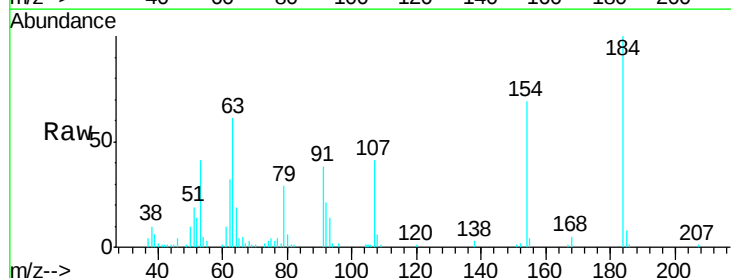
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MS

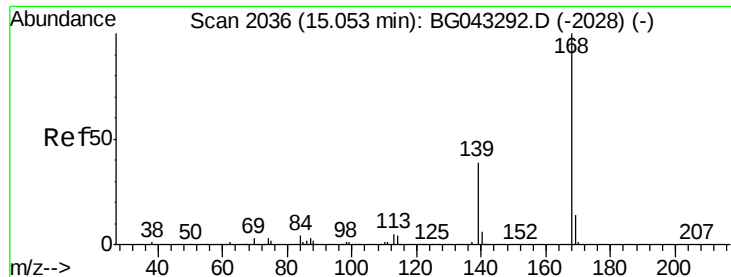
Tgt Ion:138 Resp: 17444
 Ion Ratio Lower Upper
 138 100
 108 11.8 8.0 12.0
 92 105.1 90.9 136.3



#54
 2,4-Dinitrophenol
 Concen: 70.787 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Tgt Ion:184 Resp: 56947
 Ion Ratio Lower Upper
 184 100
 63 60.9 51.3 76.9
 154 68.7 55.4 83.0

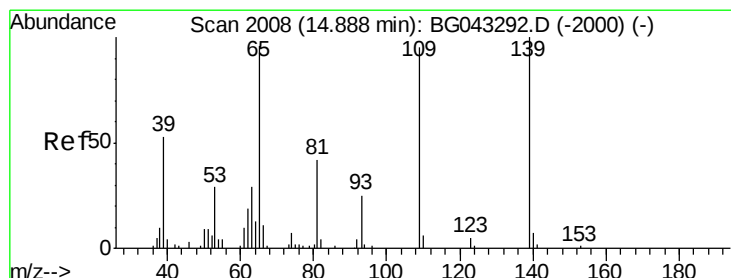
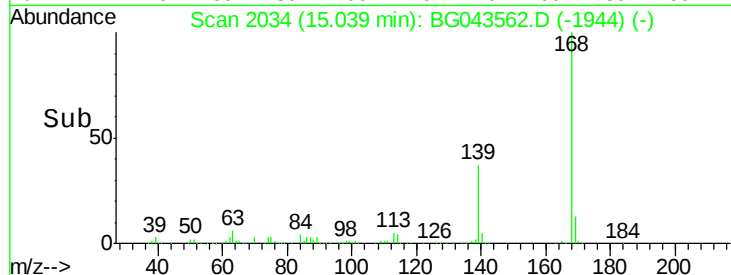
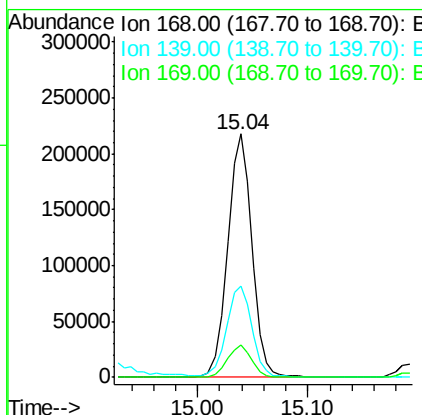
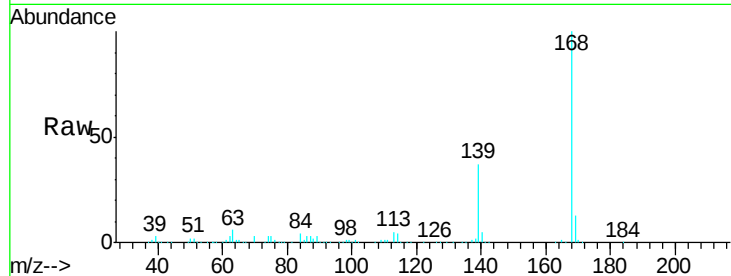




#55
Dibenzenofuran
Concen: 48.474 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

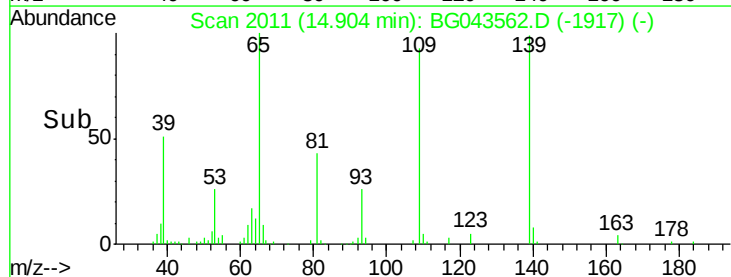
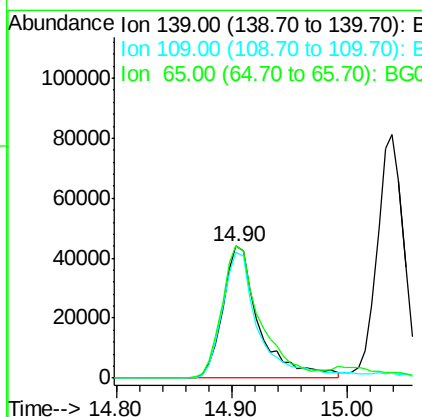
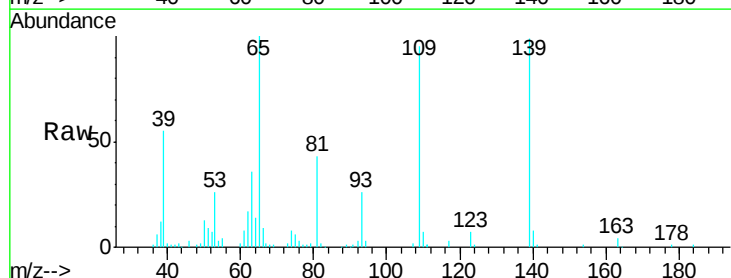
Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

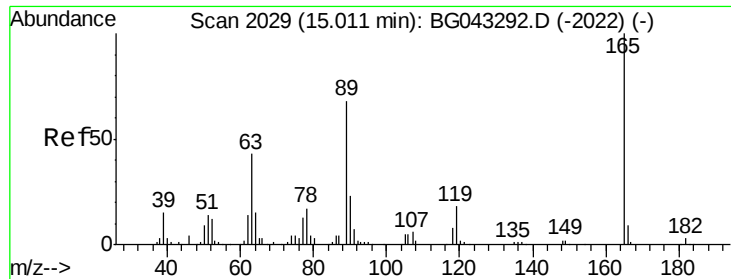
Tgt Ion:168 Resp: 334995
Ion Ratio Lower Upper
168 100
139 37.3 31.0 46.6
169 13.3 11.7 17.5



#56
4-Nitrophenol
Concen: 113.968 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.02 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion:139 Resp: 96250
Ion Ratio Lower Upper
139 100
109 95.5 87.2 127.2
65 100.7 83.8 123.8

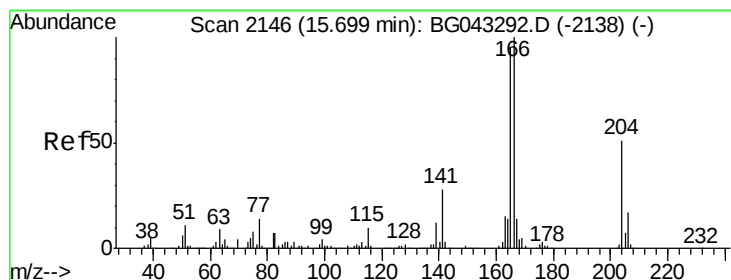
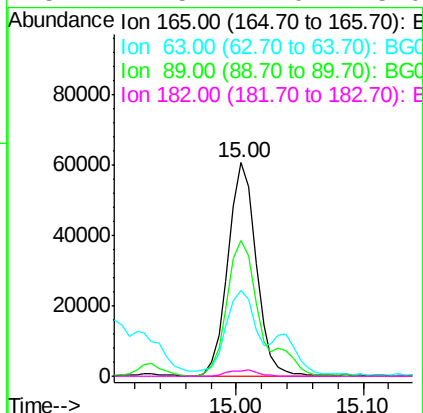
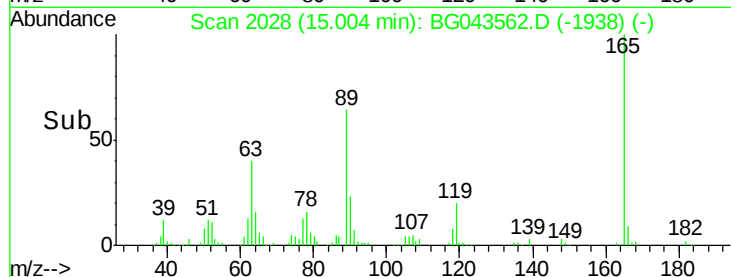
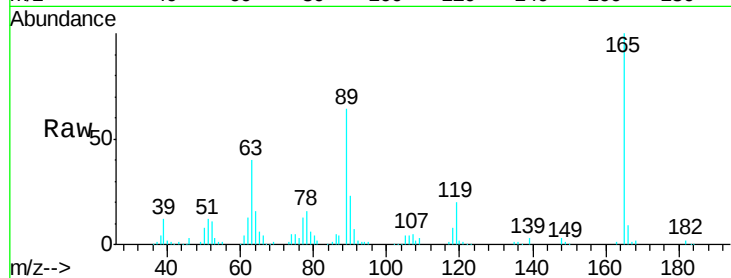




#57
2,4-Dinitrotoluene
Concen: 50.228 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

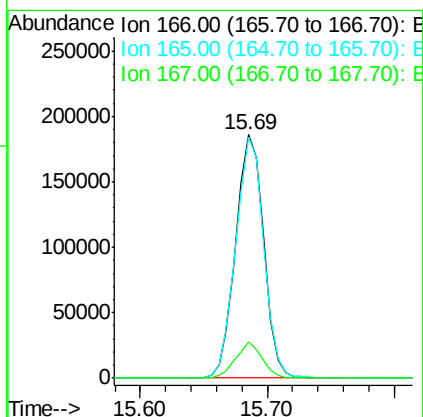
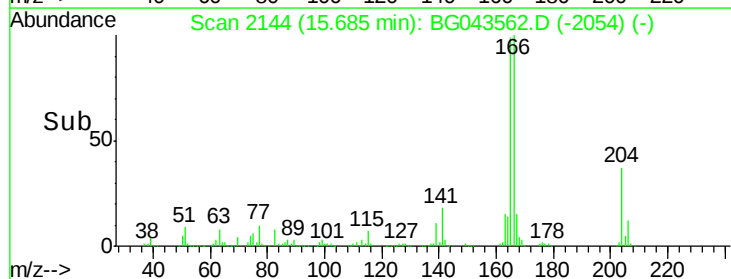
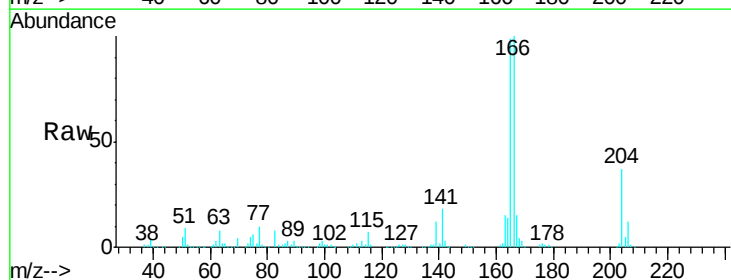
Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

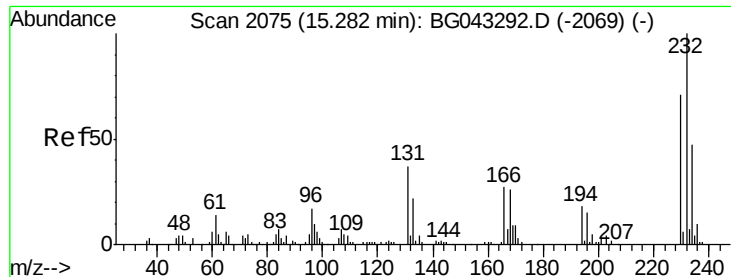
Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.3	33.2	49.8
89	63.5	52.2	78.4
182	2.5	2.0	3.0



#58
Fluorene
Concen: 49.120 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.0	118.6
167	14.6	10.5	15.7

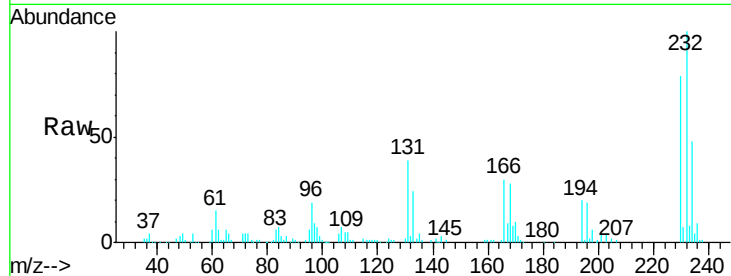




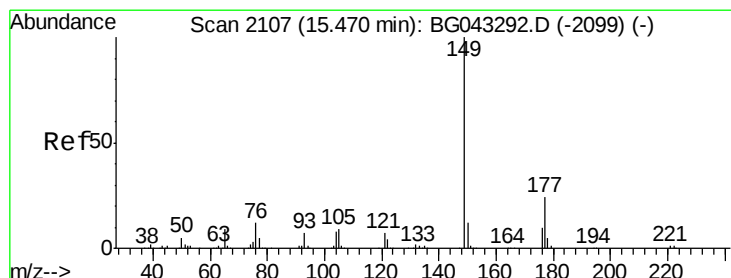
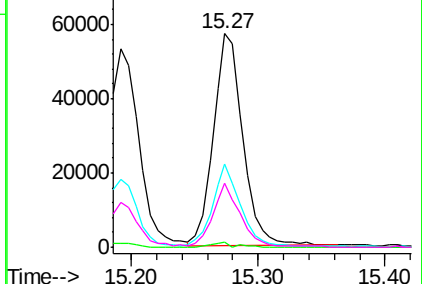
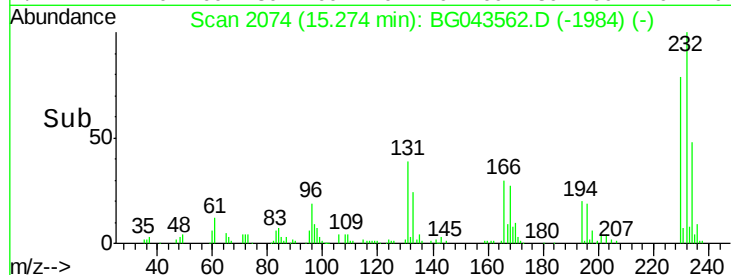
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.956 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MS

Tgt Ion:	232	Resp:	92533
Ion	Ratio	Lower	Upper
232	100		
131	38.1	26.9	40.3
130	2.0	1.8	2.6
166	27.1	20.9	31.3

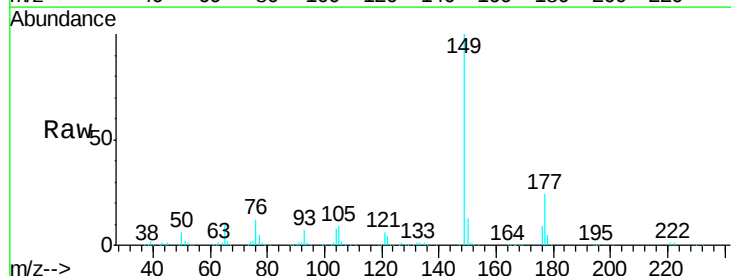


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

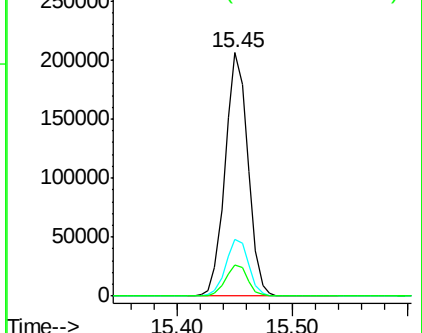
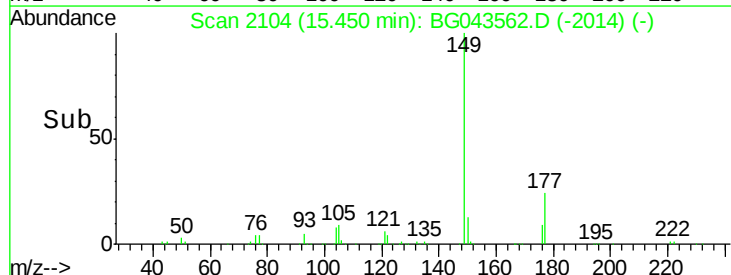


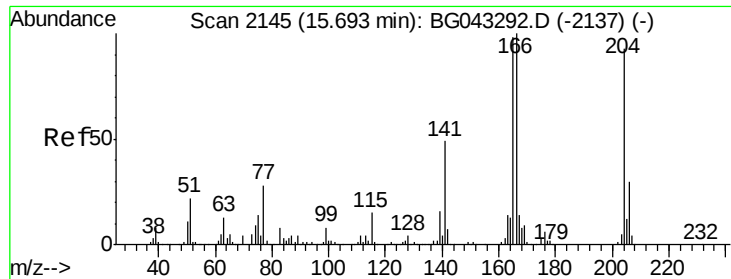
#60
 Diethylphthalate
 Concen: 46.648 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Tgt Ion:	149	Resp:	281620
Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.6	29.4
150	12.7	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

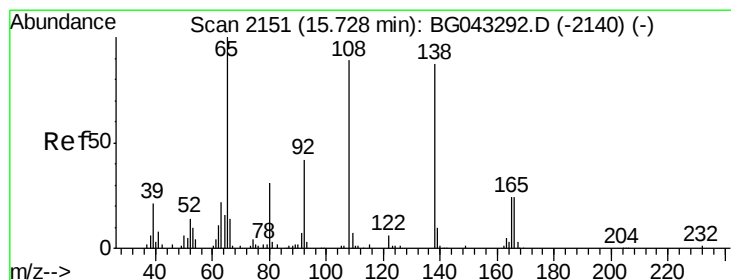
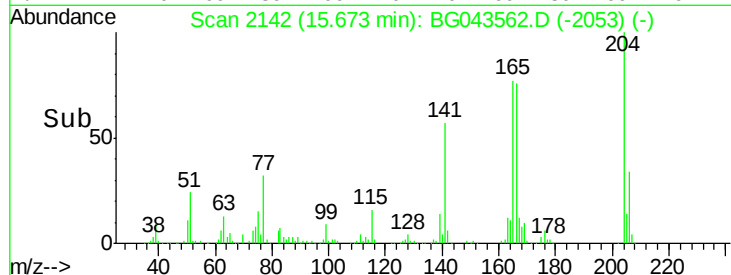
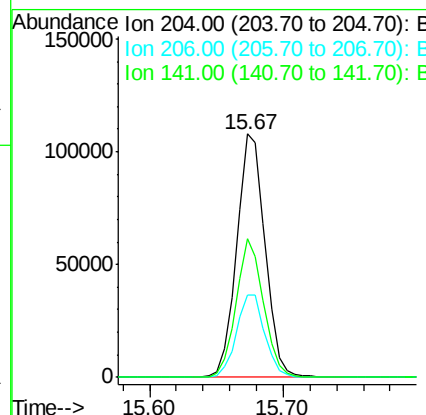
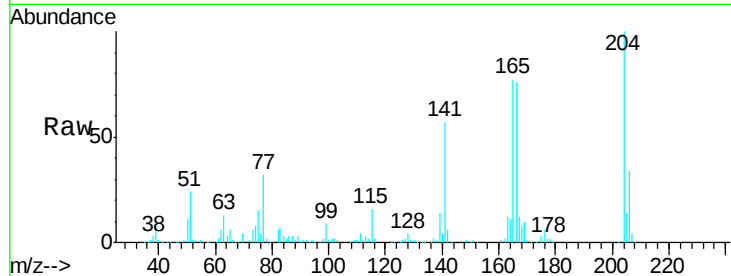




#61
 4-Chlorophenyl-phenylether
 Concen: 47.107 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

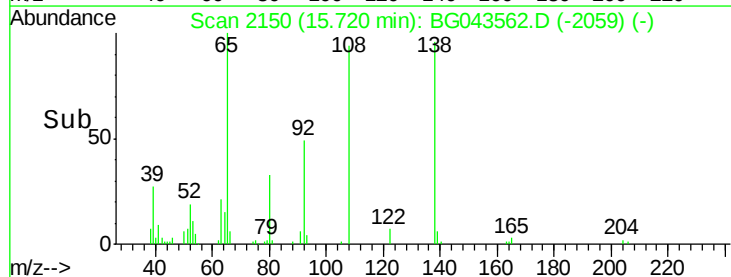
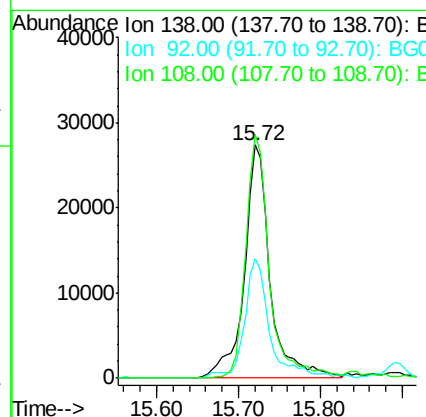
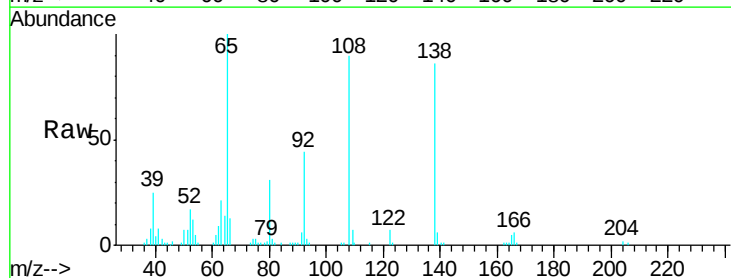
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MS

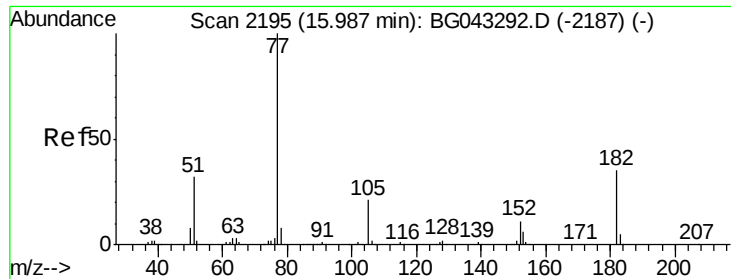
Tgt Ion: 204 Resp: 159287
 Ion Ratio Lower Upper
 204 100
 206 33.9 28.4 42.6
 141 57.2 43.0 64.6



#62
 4-Nitroaniline
 Concen: 46.035 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Tgt Ion: 138 Resp: 59916
 Ion Ratio Lower Upper
 138 100
 92 51.2 33.4 73.4
 108 104.6 78.0 118.0

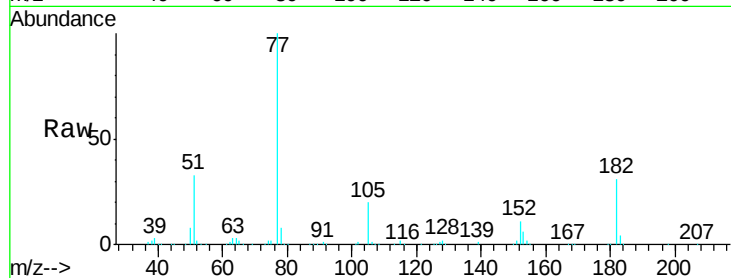




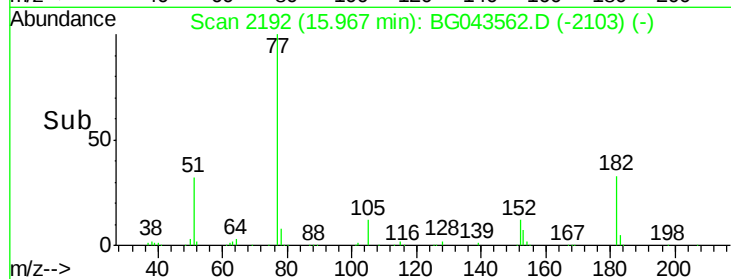
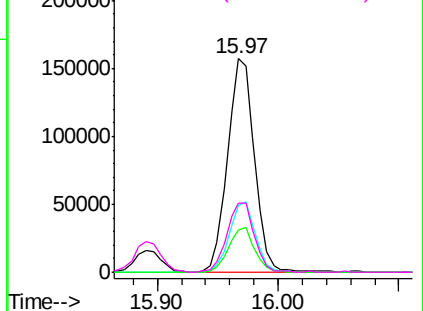
#63
Azobenzene
Concen: 49.489 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tgt Ion: 77 Resp: 241803
Ion Ratio Lower Upper
77 100
182 31.3 13.7 53.7
105 19.6 0.4 40.4
51 32.6 11.0 51.0

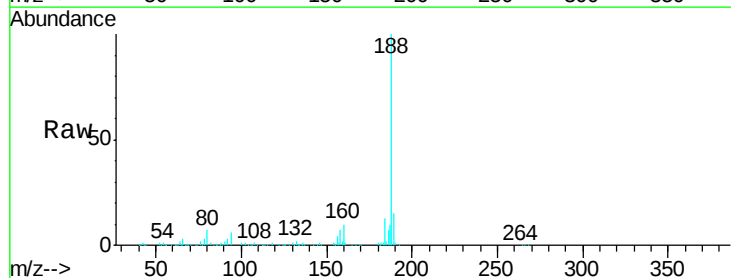


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

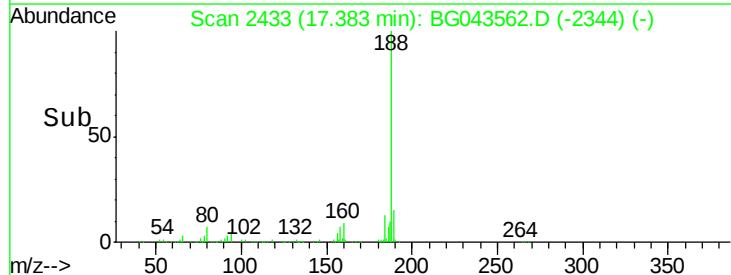
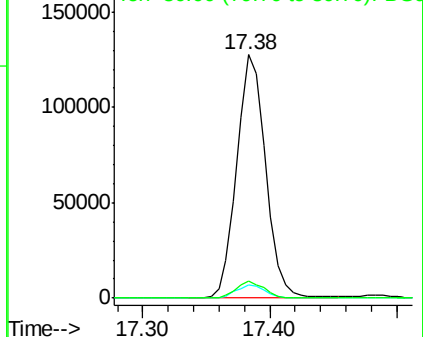


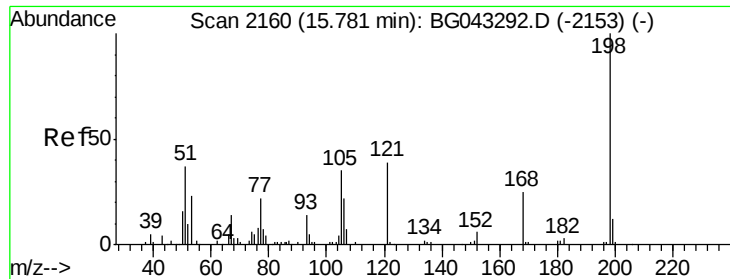
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion: 188 Resp: 201969
Ion Ratio Lower Upper
188 100
94 5.5 4.2 6.4
80 7.0 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: 43.437 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

ClientSampleId :

TR-05-110519MS

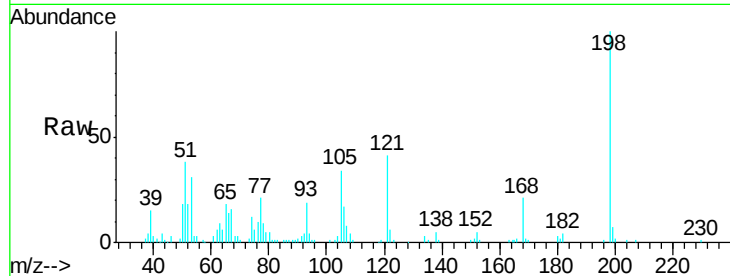
Tgt Ion:198 Resp: 51629

Ion Ratio Lower Upper

198 100

51 38.2 13.2 53.2

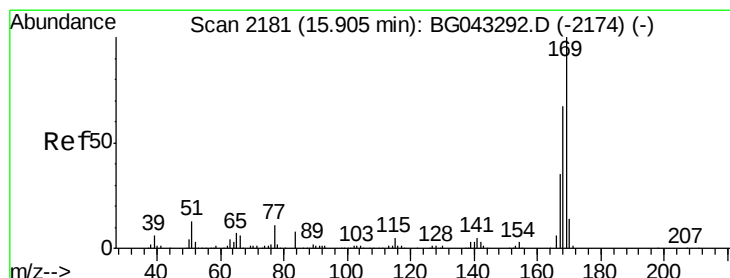
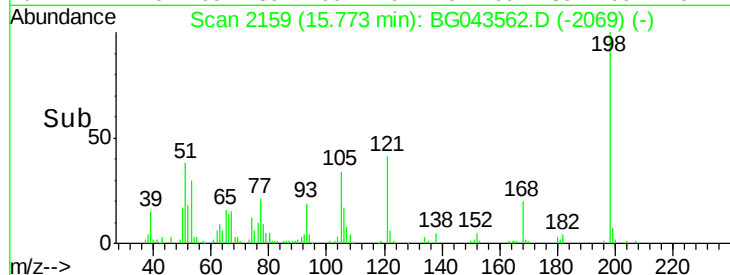
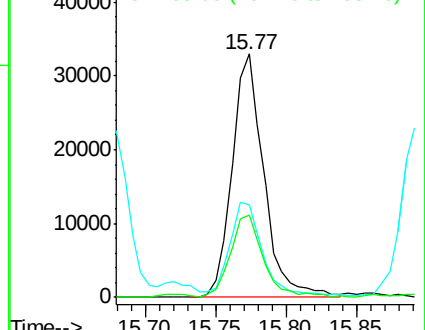
105 33.9 15.8 55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043562.D (-2069) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.081 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

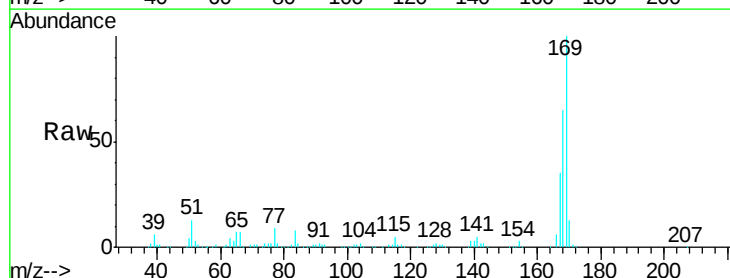
Tgt Ion:169 Resp: 257059

Ion Ratio Lower Upper

169 100

168 64.9 53.8 80.6

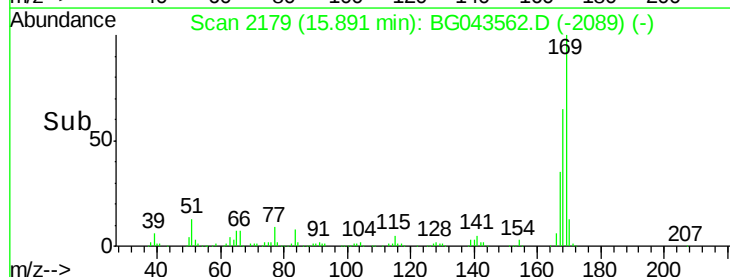
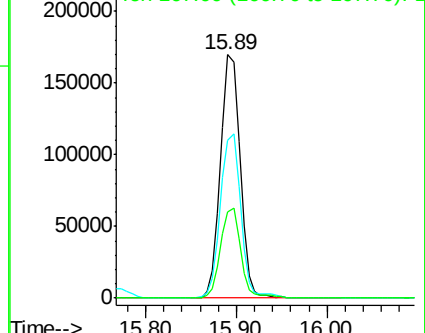
167 35.4 27.5 41.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

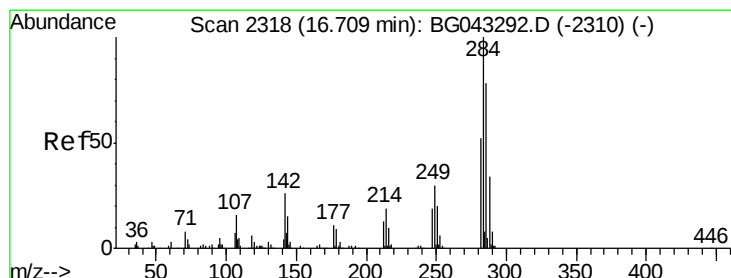
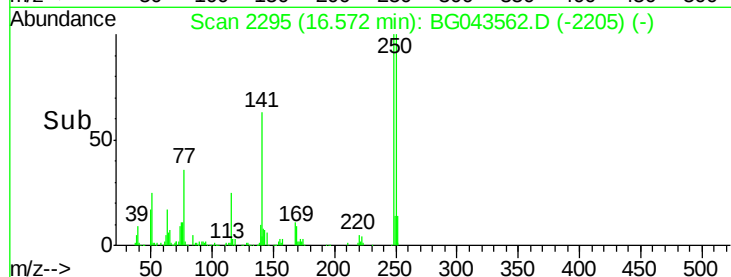
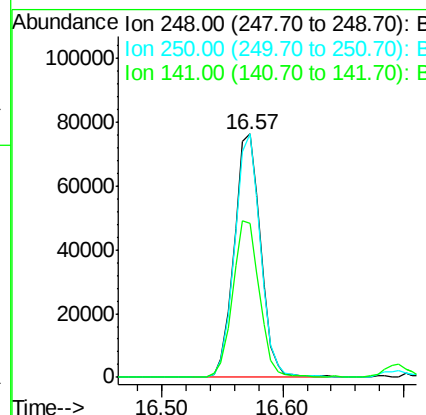
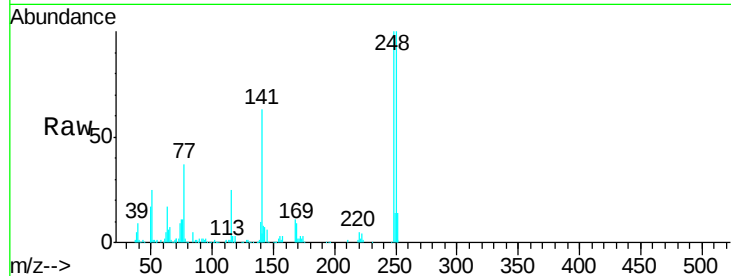




#67
4-Bromophenyl-phenylether
Concen: 42.835 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

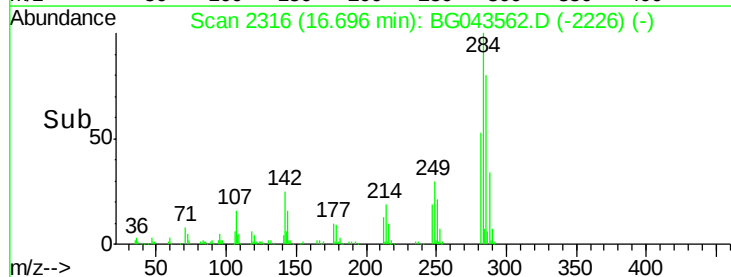
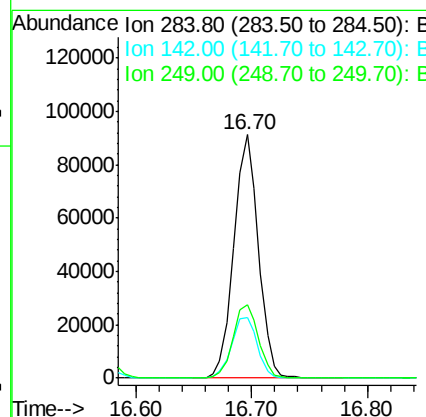
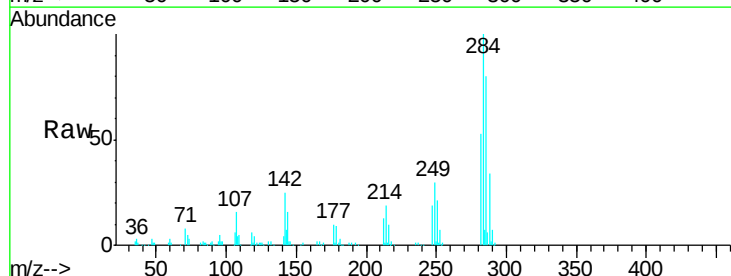
Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

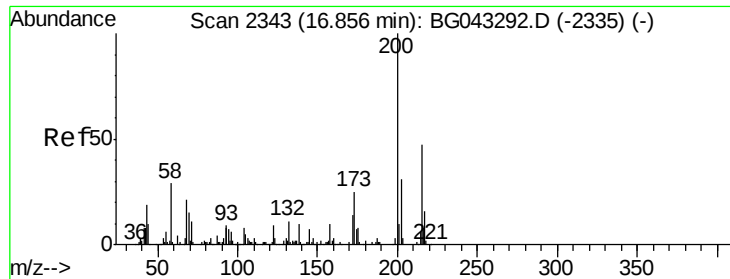
Tgt Ion:248 Resp: 116429
Ion Ratio Lower Upper
248 100
250 99.9 77.0 115.4
141 63.1 47.5 71.3



#68
Hexachlorobenzene
Concen: 42.839 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion:284 Resp: 133657
Ion Ratio Lower Upper
284 100
142 25.1 19.8 29.8
249 30.3 23.8 35.6

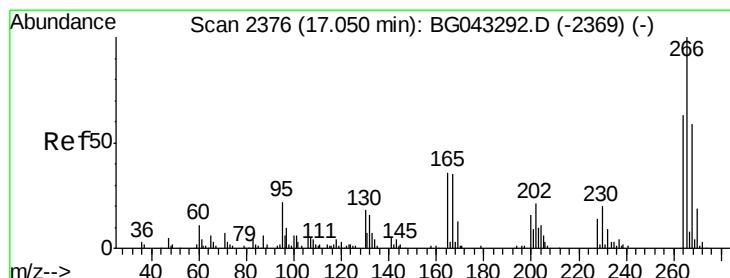
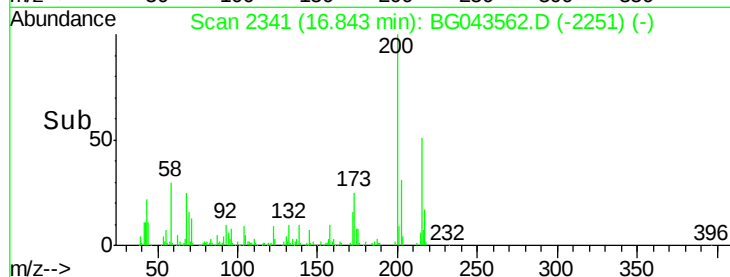
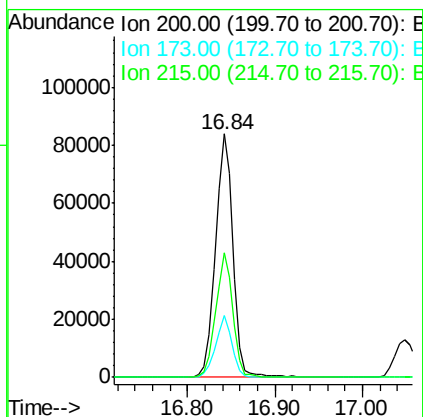
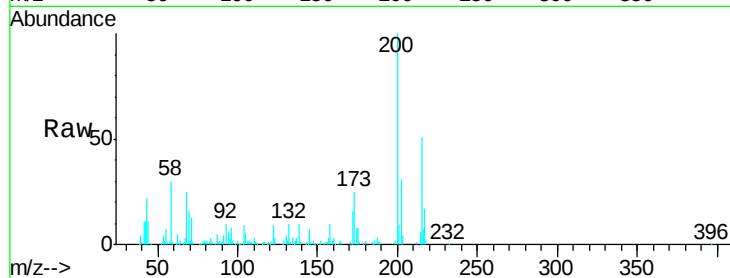




#69
 Atrazine
 Concen: 58.831 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

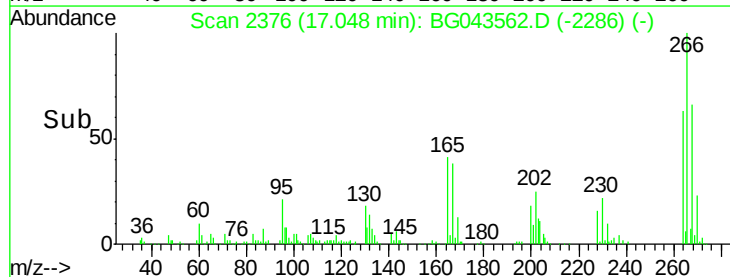
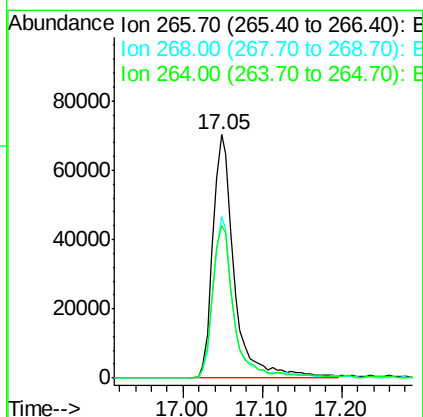
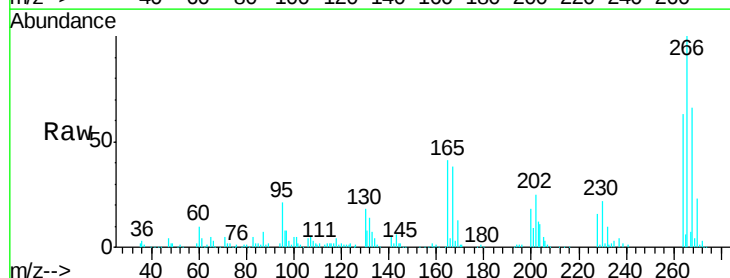
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MS

Tgt Ion:200 Resp: 116566
 Ion Ratio Lower Upper
 200 100
 173 25.3 4.7 44.7
 215 51.3 28.5 68.5



#70
 Pentachlorophenol
 Concen: 93.148 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Tgt Ion:266 Resp: 132424
 Ion Ratio Lower Upper
 266 100
 268 66.2 50.4 75.6
 264 62.8 48.9 73.3

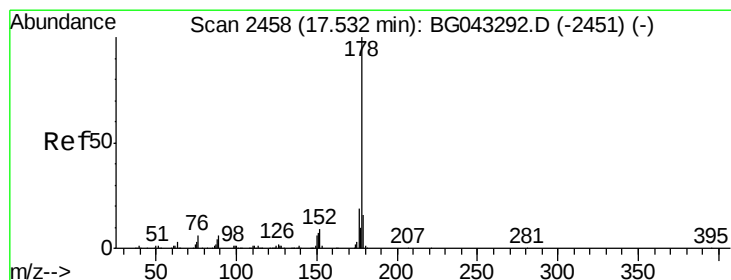
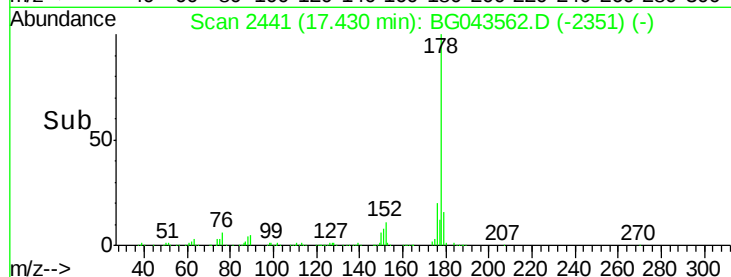
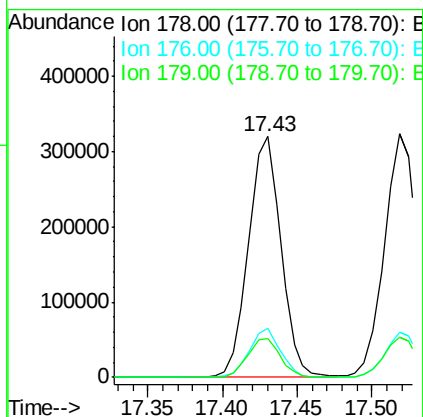
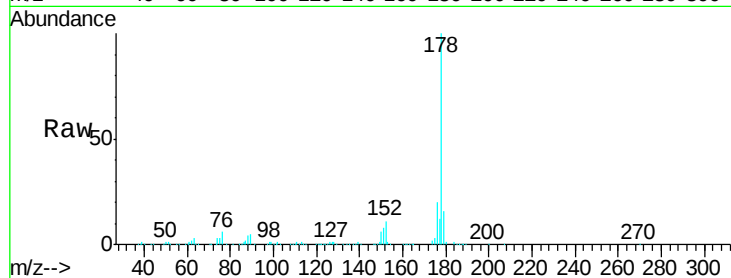




#71
Phenanthrene
Concen: 46.622 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

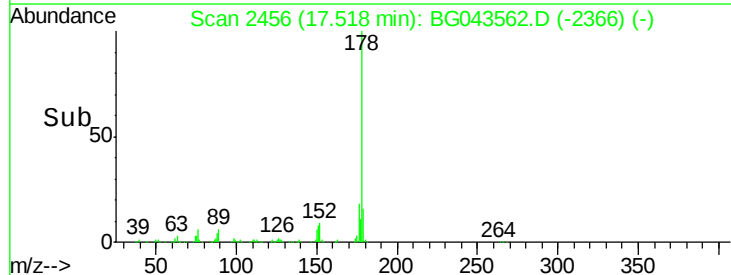
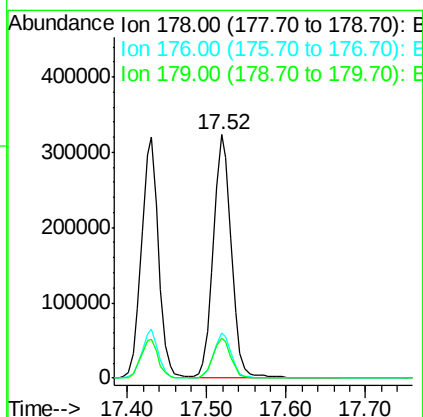
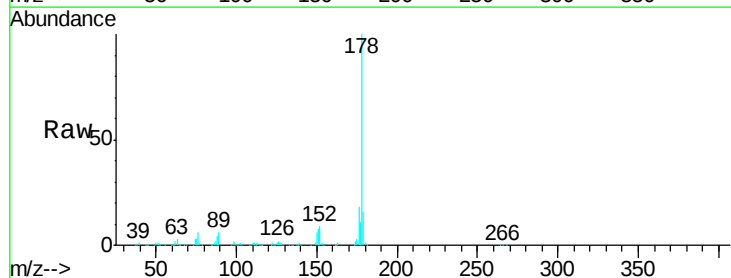
Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tgt Ion:178 Resp: 482184
Ion Ratio Lower Upper
178 100
176 20.2 15.4 23.0
179 15.9 13.0 19.6



#72
Anthracene
Concen: 49.211 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion:178 Resp: 509217
Ion Ratio Lower Upper
178 100
176 18.3 15.5 23.3
179 16.3 13.7 20.5





#73

Carbazole

Concen: 48.606 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

ClientSampleId :

TR-05-110519MS

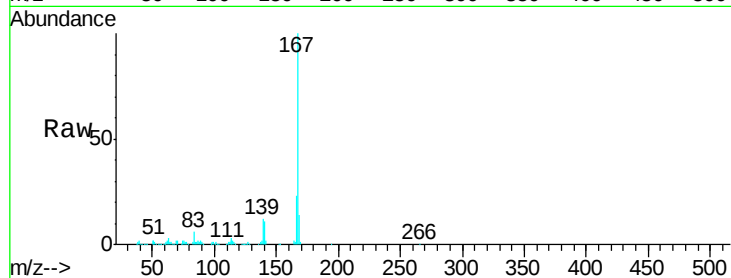
Tgt Ion:167 Resp: 455471

Ion Ratio Lower Upper

167 100

166 22.6 18.7 28.1

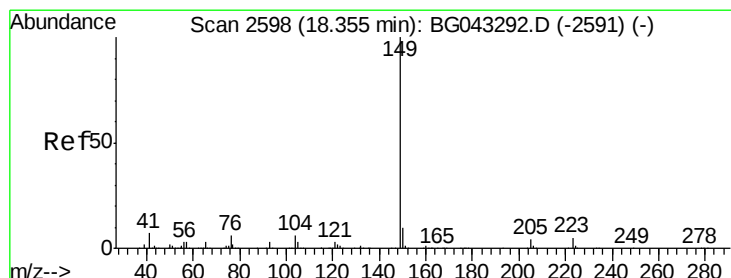
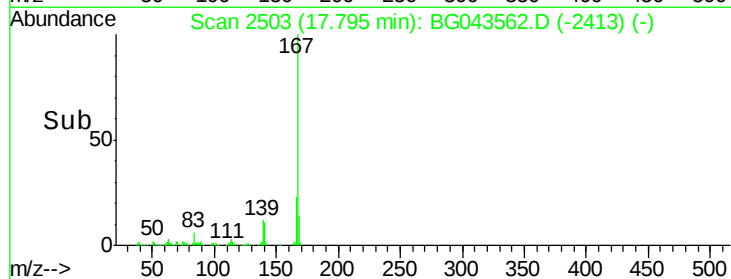
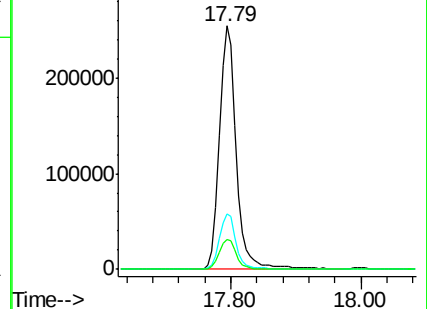
139 12.3 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.096 ng

RT: 18.34 min Scan# 2596

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

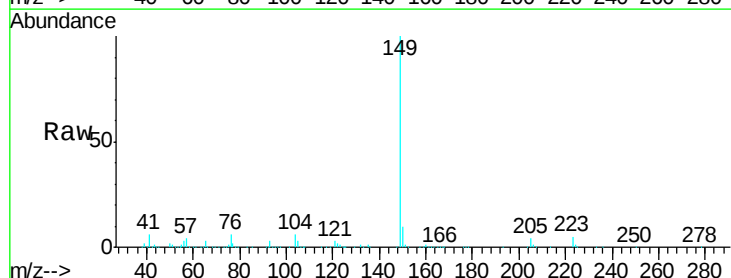
Tgt Ion:149 Resp: 524111

Ion Ratio Lower Upper

149 100

150 9.8 8.0 12.0

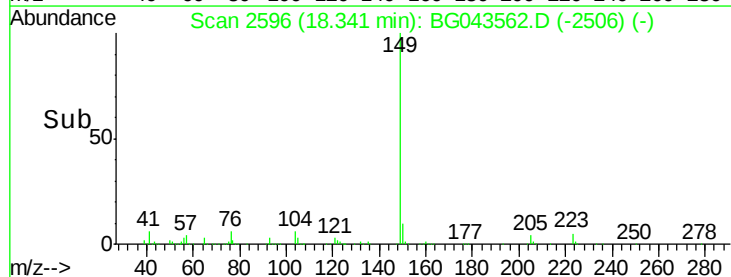
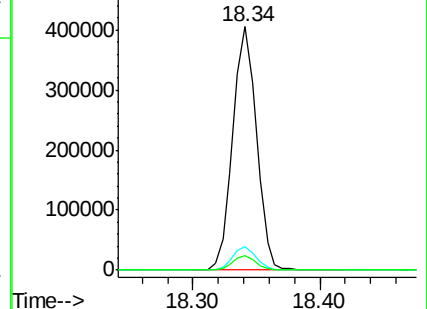
104 5.9 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.402 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

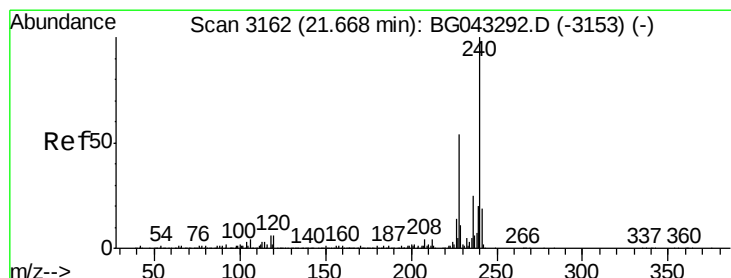
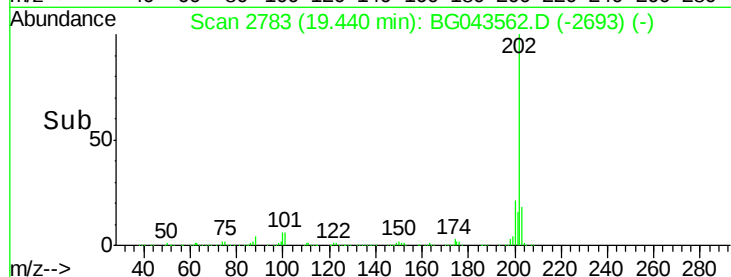
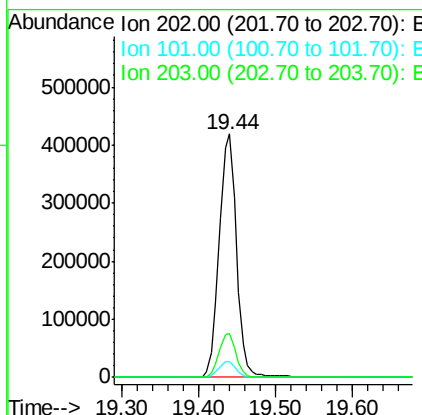
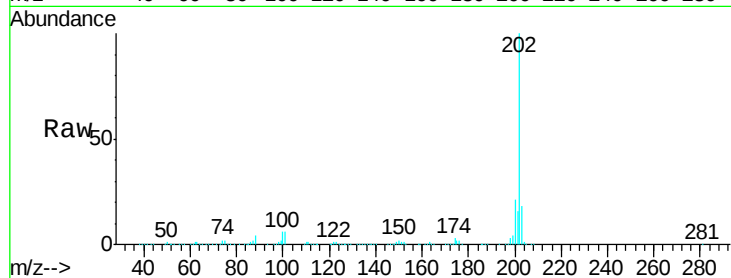
Instrument :

BNA_G

ClientSampleId :

TR-05-110519MS

Tgt Ion:	202	Resp:	652609
Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	26.3
203	18.1	0.0	37.9



#76

Chrysene-d12

Concen: 20.000 ng

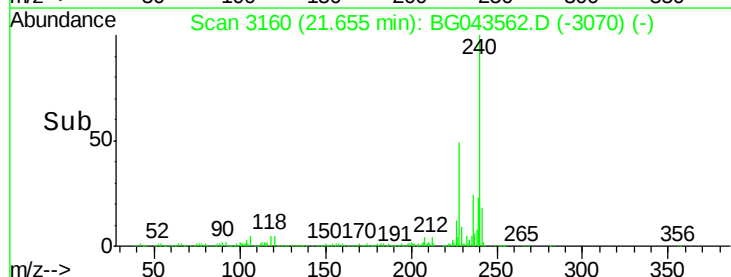
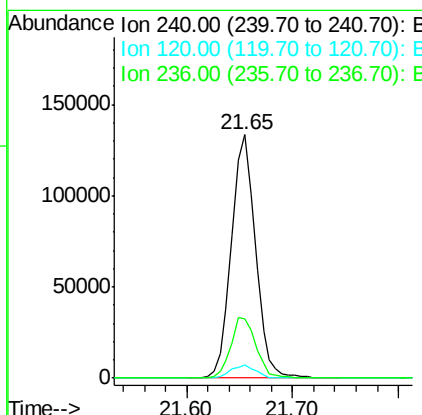
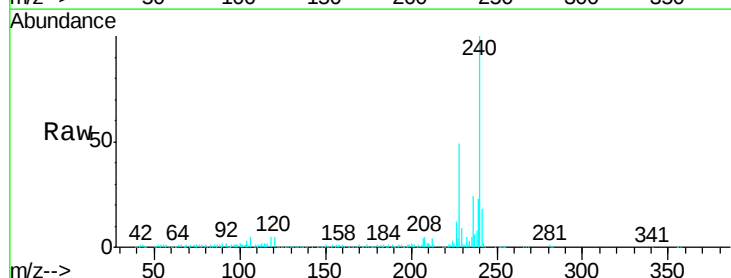
RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Tgt Ion:	240	Resp:	210384
Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.6	6.8
236	24.2	19.8	29.8





#77

Benzidine

Concen: 12.733 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

ClientSampleId :

TR-05-110519MS

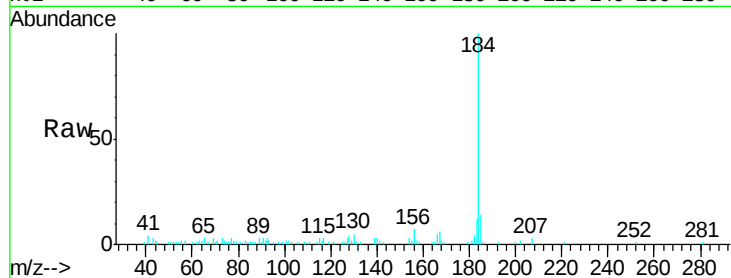
Tgt Ion:184 Resp: 53913

Ion Ratio Lower Upper

184 100

185 13.8 11.0 16.4

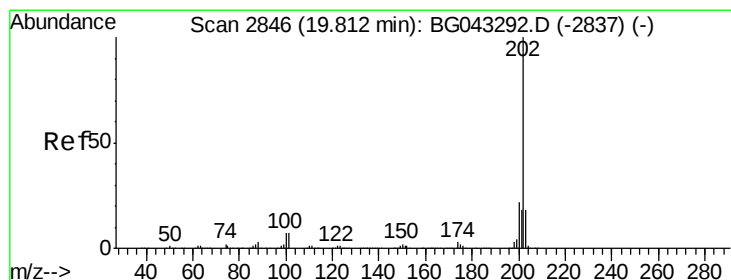
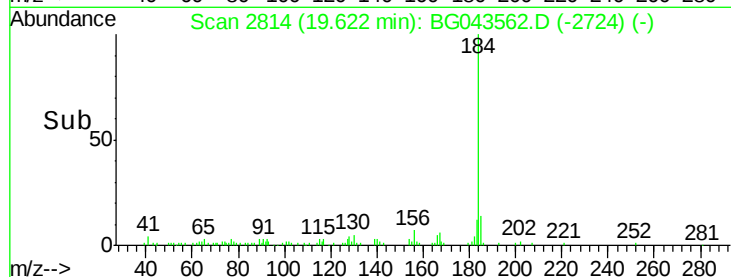
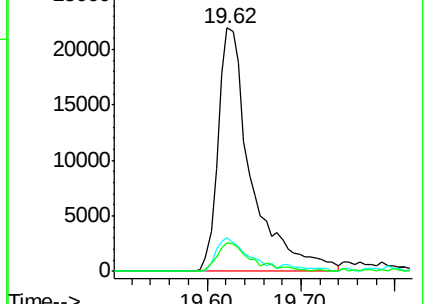
183 11.7 10.0 15.0



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: 50.428 ng

RT: 19.80 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

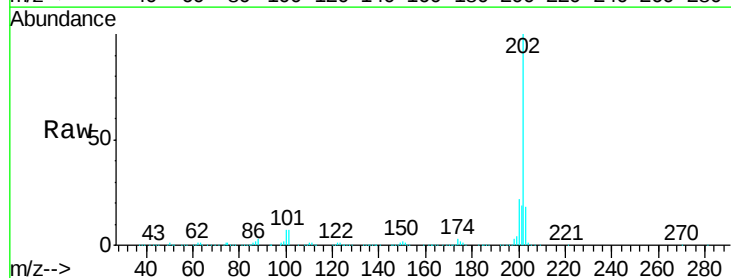
Tgt Ion:202 Resp: 656695

Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.4

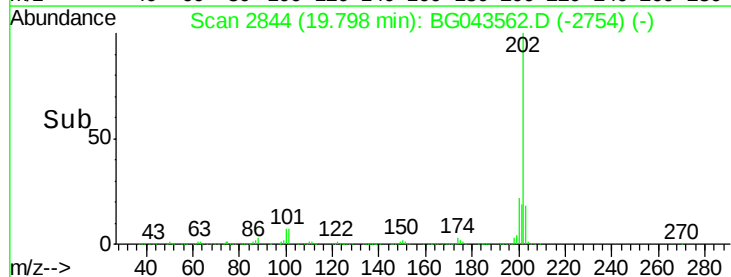
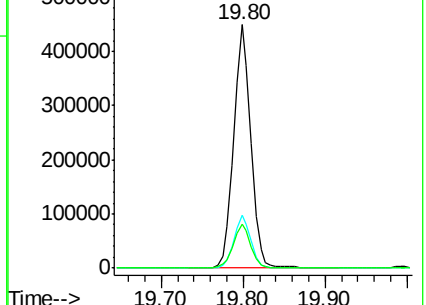
203 18.0 14.7 22.1



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: 97.340 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

ClientSampleId :

TR-05-110519MS

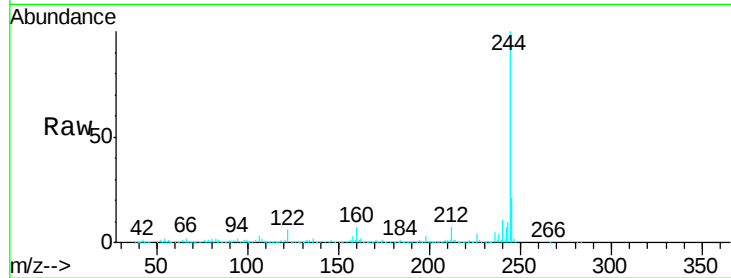
Tgt Ion:244 Resp: 1091585

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

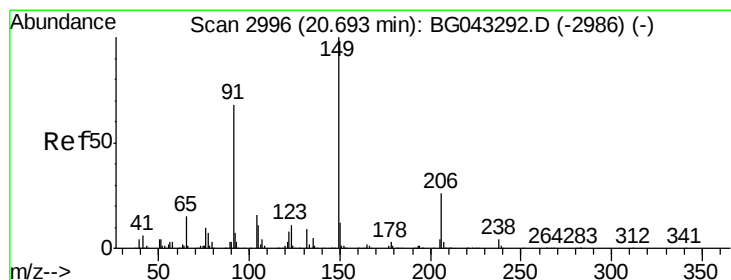
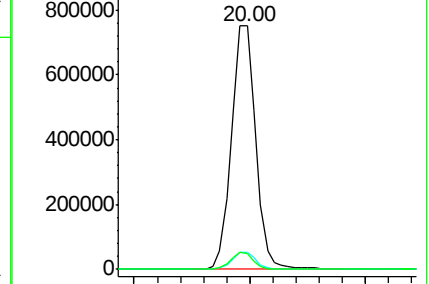
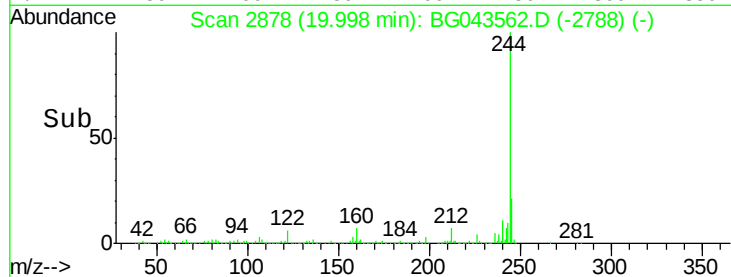
122 6.5 5.4 8.2



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: 48.339 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

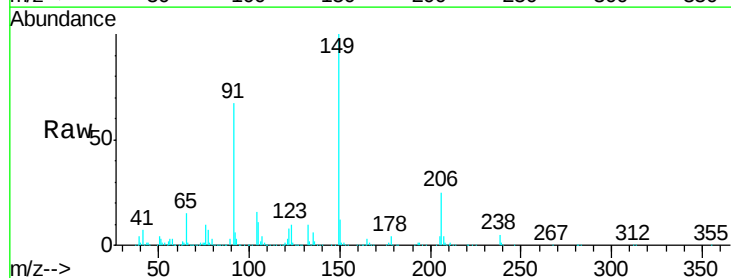
Tgt Ion:149 Resp: 238489

Ion Ratio Lower Upper

149 100

91 67.3 51.2 76.8

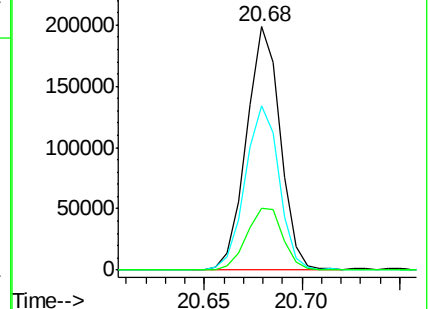
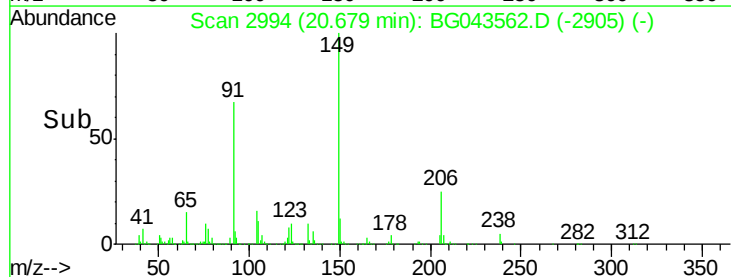
206 25.4 22.5 33.7

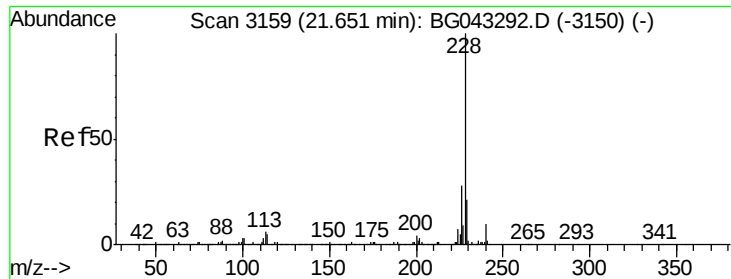


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.932 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

ClientSampleId :

TR-05-110519MS

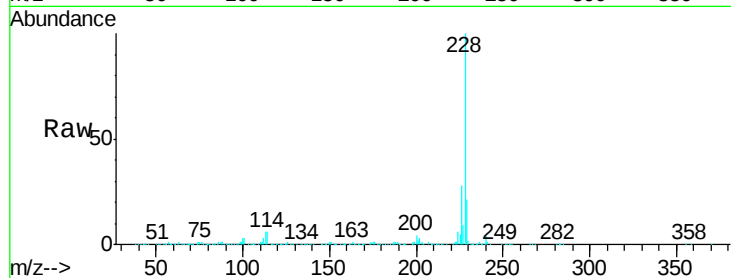
Tgt Ion:228 Resp: 658014

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.2

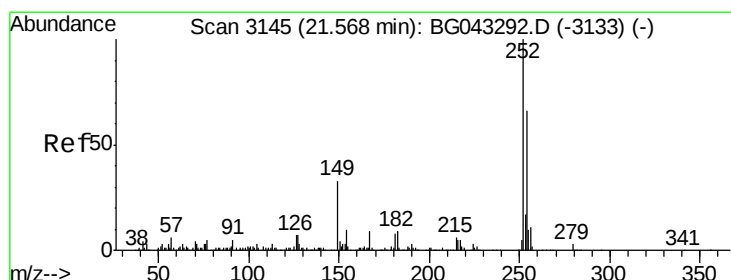
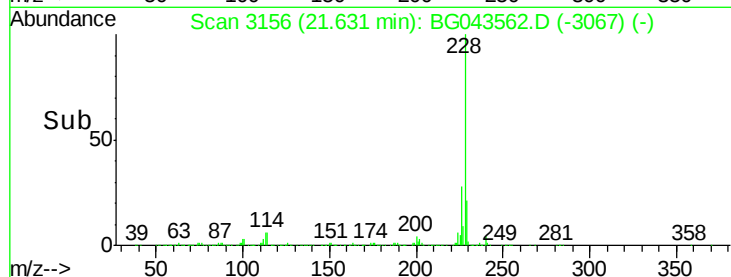
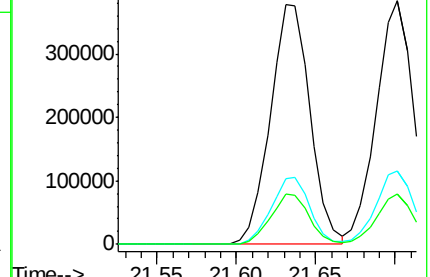
229 21.2 17.0 25.4



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



#82

3,3'-Dichlorobenzidine

Concen: 16.658 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

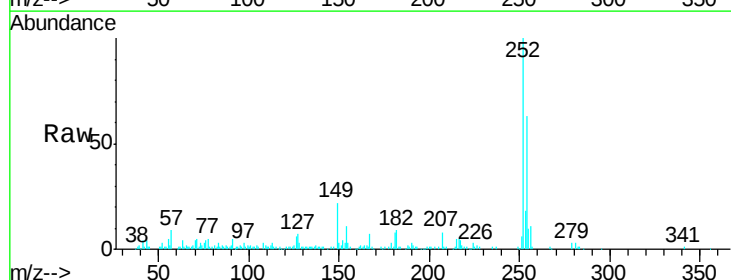
Tgt Ion:252 Resp: 84910

Ion Ratio Lower Upper

252 100

254 63.1 50.8 76.2

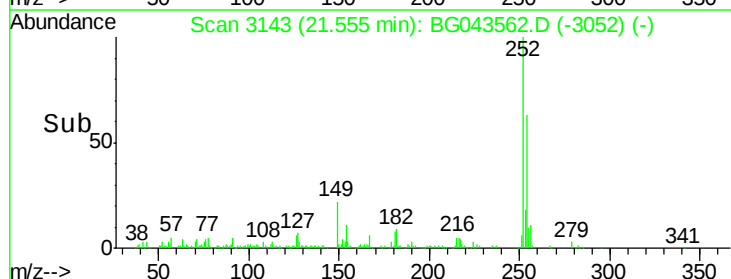
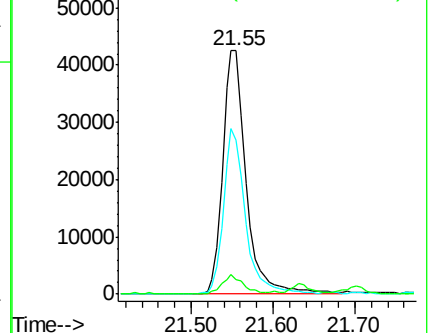
126 6.1 6.1 9.1

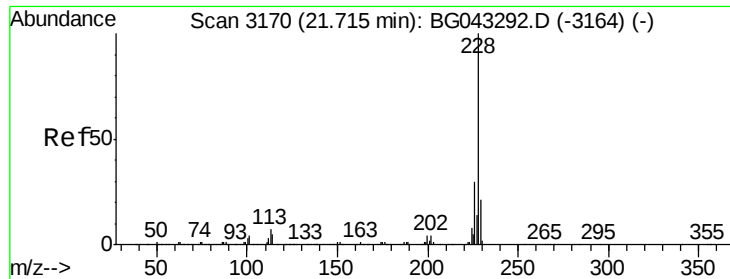


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.869 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

ClientSampleId :

TR-05-110519MS

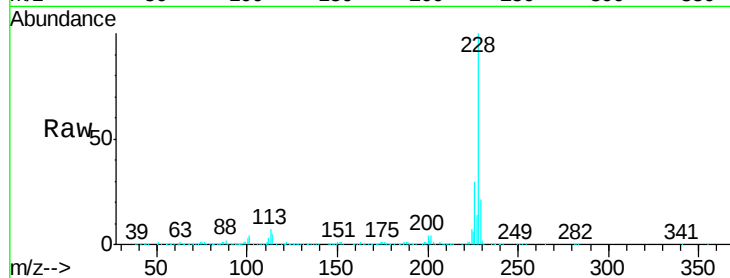
Tgt Ion: 228 Resp: 639872

Ion Ratio Lower Upper

228 100

226 30.0 25.1 37.7

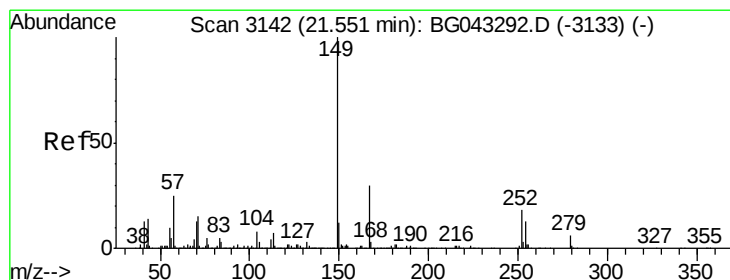
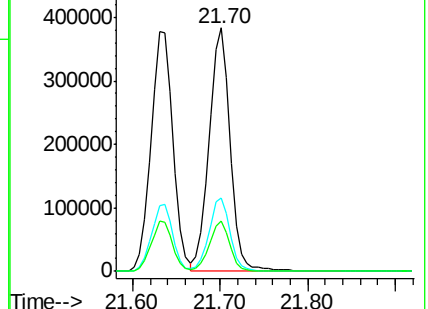
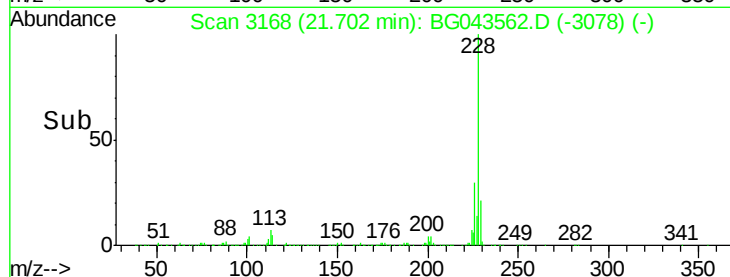
229 20.7 17.0 25.4



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: 48.636 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

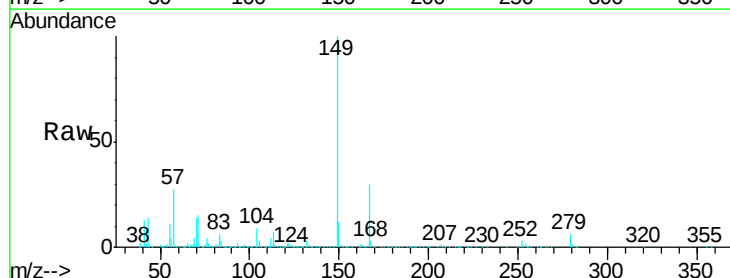
Tgt Ion: 149 Resp: 340861

Ion Ratio Lower Upper

149 100

167 29.7 24.0 36.0

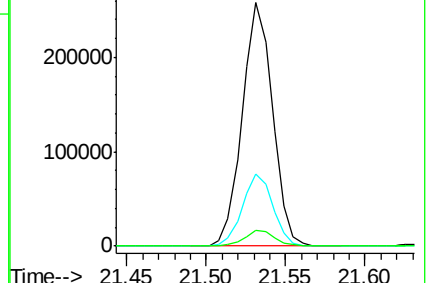
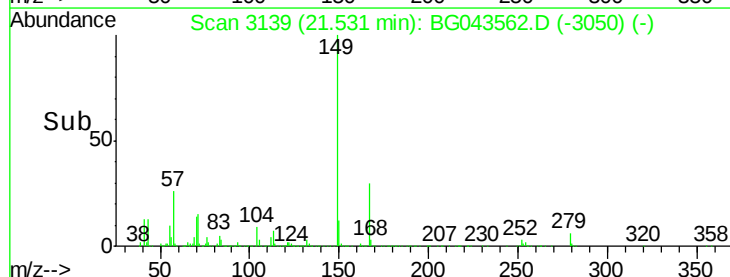
279 6.3 5.4 8.2

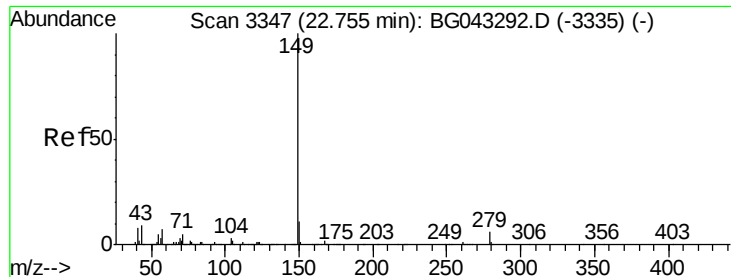


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.147 ng

RT: 22.73 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

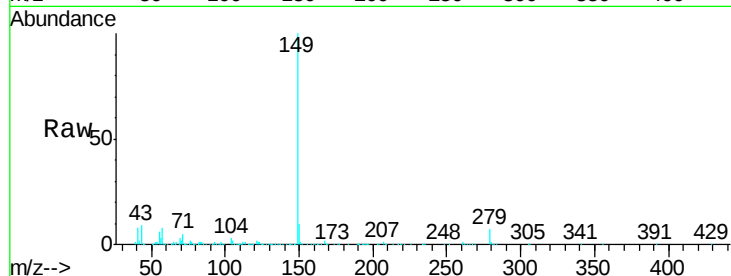
Instrument :

BNA_G

ClientSampleId :

TR-05-110519MS

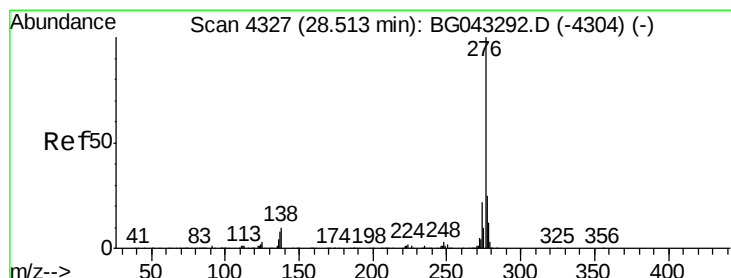
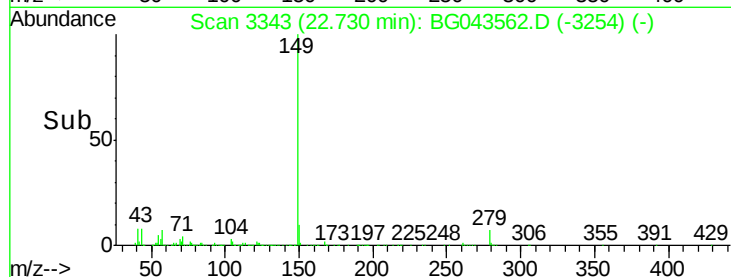
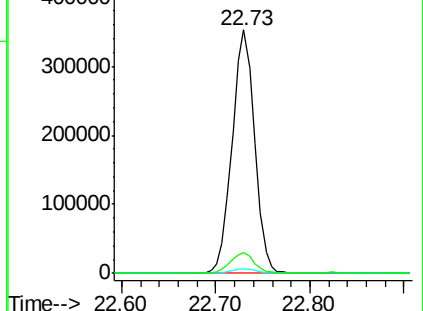
Tgt Ion:	149	Resp:	584365
Ion Ratio	Lower	Upper	
149	100		
167	2.0	1.4	2.2
43	8.5	7.0	10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.133 ng

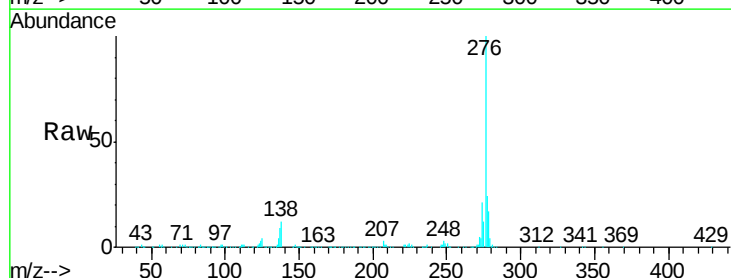
RT: 28.49 min Scan# 4323

Delta R.T. -0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

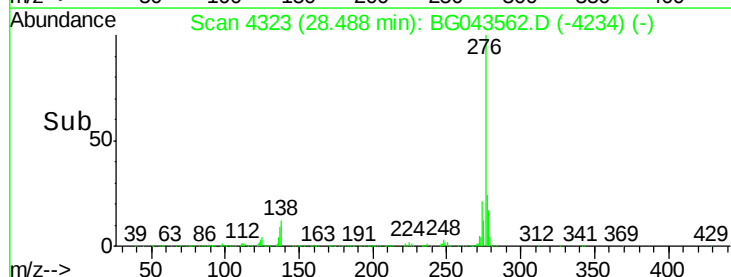
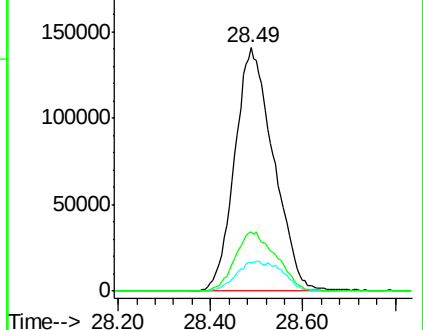
Tgt Ion:	276	Resp:	823971
Ion Ratio	Lower	Upper	
276	100		
138	14.4	6.8	10.2#
277	26.0	20.9	31.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

ClientSampleId :

TR-05-110519MS

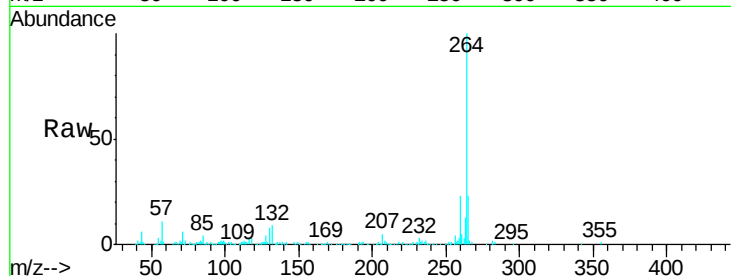
Tgt Ion:264 Resp: 247198

Ion Ratio Lower Upper

264 100

260 22.7 17.5 26.3

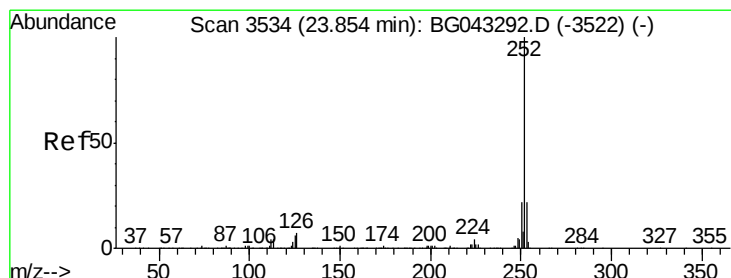
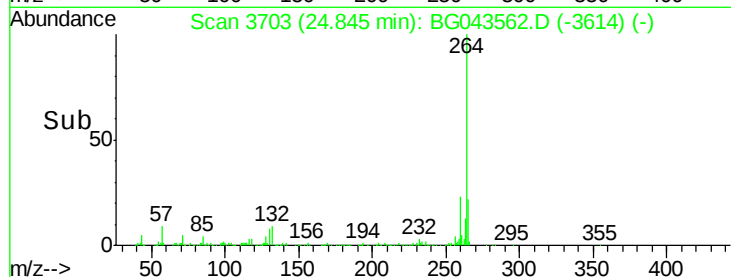
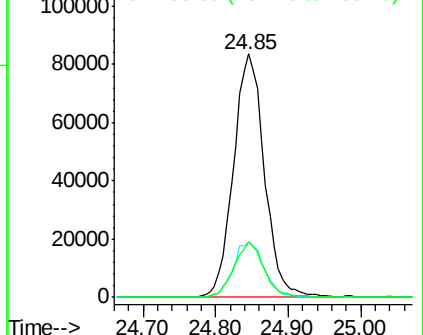
265 22.8 17.4 26.0



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: 48.187 ng

RT: 23.83 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

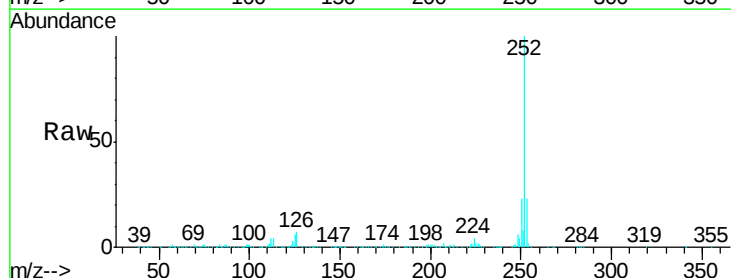
Tgt Ion:252 Resp: 674644

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

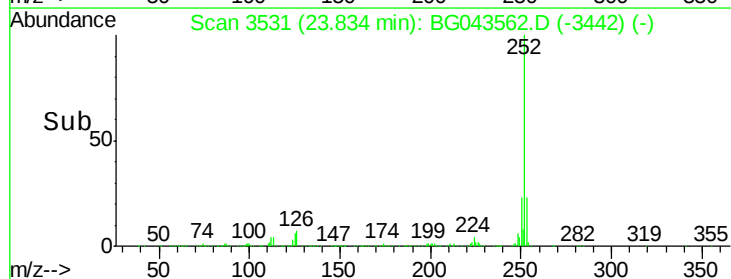
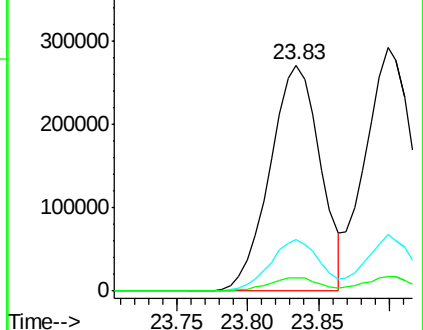
125 6.0 4.5 6.7

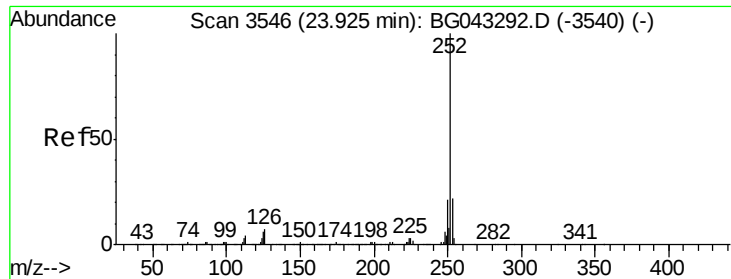


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.667 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

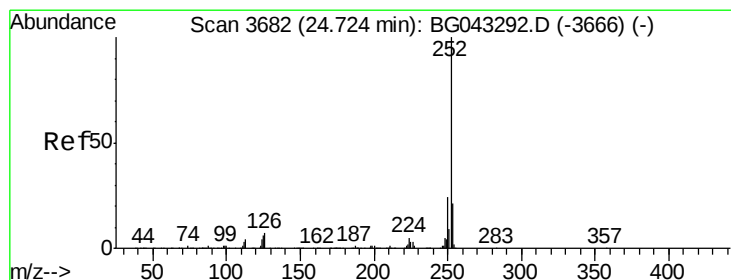
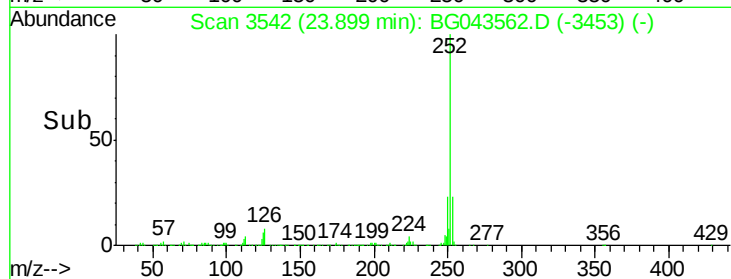
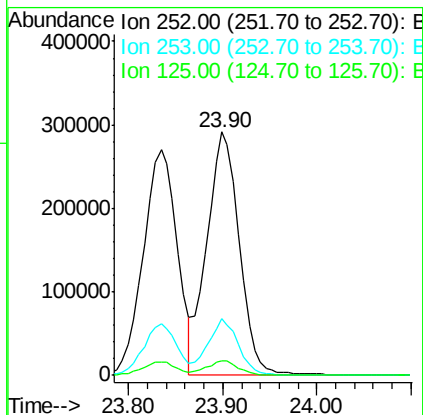
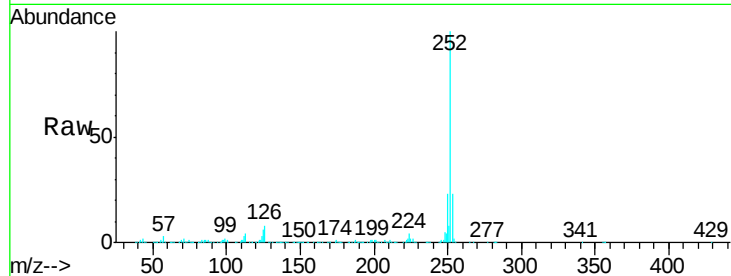
Instrument :

BNA_G

ClientSampleId :

TR-05-110519MS

Tgt Ion:	252	Resp:	700023
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	6.2	4.6	6.8



#90

Benzo(a)pyrene

Concen: 47.536 ng

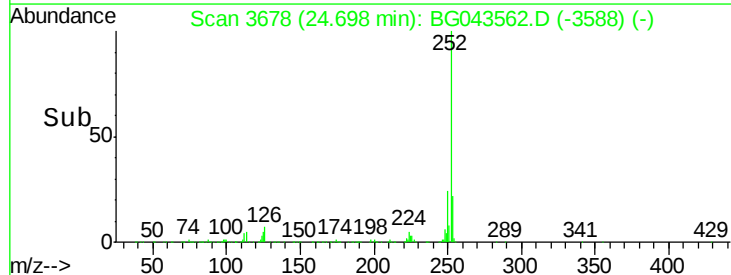
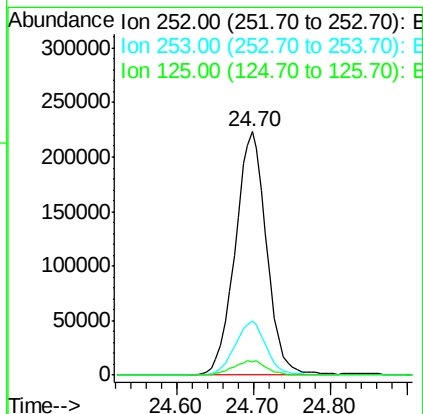
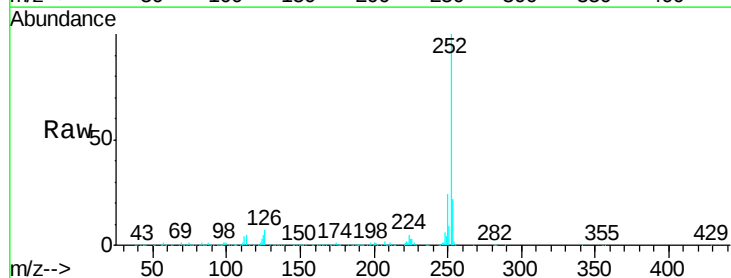
RT: 24.70 min Scan# 3678

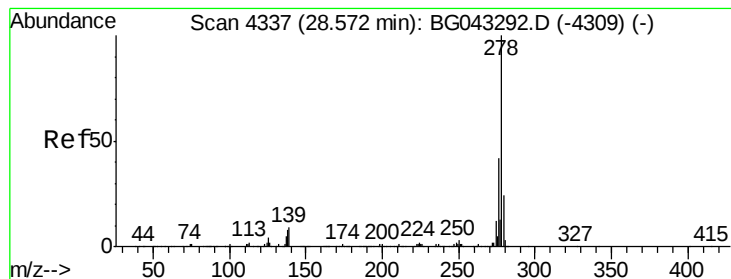
Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Tgt Ion:	252	Resp:	635538
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	5.2	5.4	8.2#





#91

Dibenzo(a,h)anthracene

Concen: 50.863 ng

RT: 28.55 min Scan# 4334

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

ClientSampleId :

TR-05-110519MS

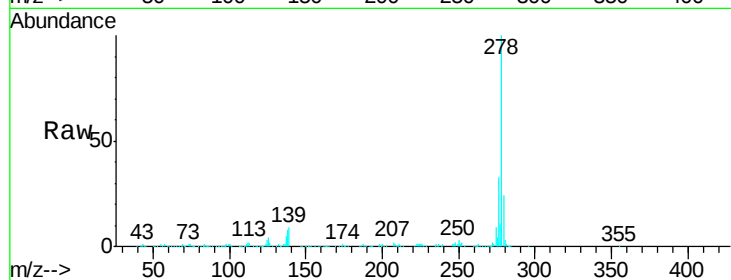
Tgt Ion: 278 Resp: 695552

Ion Ratio Lower Upper

278 100

139 8.6 7.4 11.0

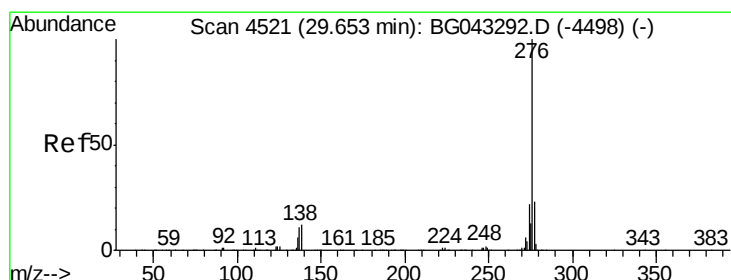
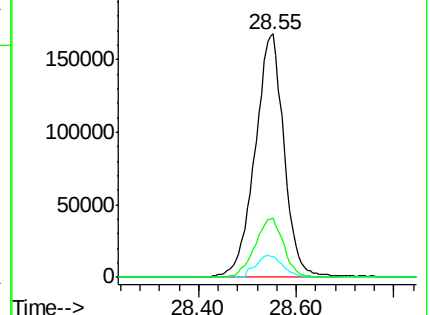
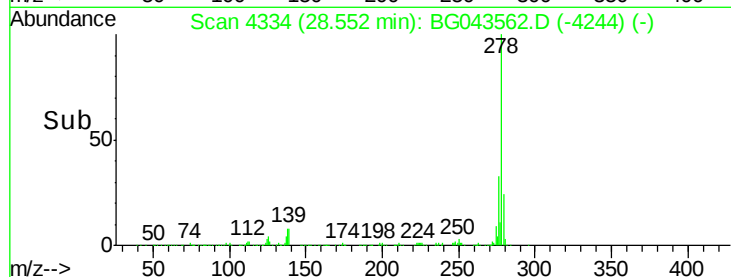
279 24.5 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.483 ng

RT: 29.62 min Scan# 4516

Delta R.T. -0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

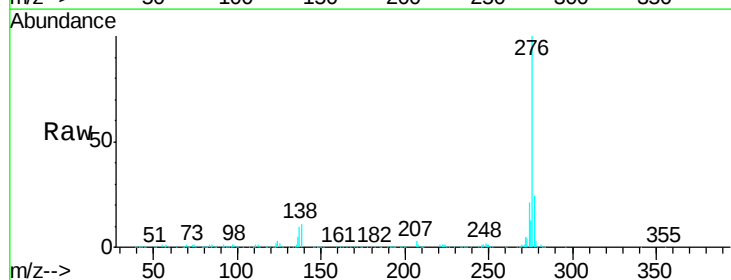
Tgt Ion: 276 Resp: 694454

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 11.2 8.9 13.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

