

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
 Data File : BG043532.D
 Acq On : 6 Nov 2019 22:44
 Operator : JU
 Sample : K5701-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 01:08:40 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	31930	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	124540	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	86648	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	210432	20.00	ng	0.00
76) Chrysene-d12	21.65	240	225885	20.00	ng	0.00
87) Perylene-d12	24.85	264	265926	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	226371	129.91	ng	0.00
7) Phenol-d6	7.19	99	321444	128.22	ng	0.00
23) Nitrobenzene-d5	9.17	82	194237	80.41	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	190687	115.64	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	492103	78.48	ng	0.00
79) Terphenyl-d14	20.00	244	930135	77.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	22994	33.863	ng	# 95
3) Pyridine	3.87	79	59676	34.840	ng	97
4) n-Nitrosodimethylamine	3.79	42	37661	43.572	ng	# 95
6) Aniline	7.34	93	78382	27.141	ng	94
8) 2-Chlorophenol	7.58	128	90162	46.874	ng	98
9) Benzaldehyde	7.15	77	48132	39.066	ng	87
10) Phenol	7.22	94	119234	52.047	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	72847	41.129	ng	98
12) 1,3-Dichlorobenzene	7.90	146	97012	40.254	ng	97
13) 1,4-Dichlorobenzene	8.04	146	101338	41.561	ng	96
14) 1,2-Dichlorobenzene	8.36	146	95904	40.283	ng	98
15) Benzyl Alcohol	8.25	79	79916	45.389	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	99968	38.816	ng	97
17) 2-Methylphenol	8.47	107	77896	46.643	ng	96
18) Hexachloroethane	9.09	117	34995	39.780	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	65706	40.560	ng	# 90
20) 3+4-Methylphenols	8.80	107	106490	46.501	ng	97
22) Acetophenone	8.83	105	130363	40.875	ng	97
24) Nitrobenzene	9.22	77	101537	44.123	ng	98
25) Isophorone	9.73	82	186910	42.320	ng	99
26) 2-Nitrophenol	9.93	139	51411	46.275	ng	96
27) 2,4-Dimethylphenol	9.99	122	83842	52.653	ng	96
28) bis(2-Chloroethoxy)methane	10.21	93	103736	42.557	ng	98
29) 2,4-Dichlorophenol	10.47	162	96222	47.162	ng	92
30) 1,2,4-Trichlorobenzene	10.68	180	106179	41.292	ng	98
31) Naphthalene	10.87	128	278903	44.119	ng	99
32) Benzoic acid	10.17	122	38311	34.618	ng	96
33) 4-Chloroaniline	10.98	127	40923	15.792	ng	95
34) Hexachlorobutadiene	11.15	225	74764	39.332	ng	94
35) Caprolactam	11.75	113	19850	28.250	ng	96
36) 4-Chloro-3-methylphenol	12.11	107	100790	45.289	ng	99
37) 2-Methylnaphthalene	12.47	142	211847	43.676	ng	98
38) 1-Methylnaphthalene	12.69	142	201176	43.591	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	134646	41.989	ng	98

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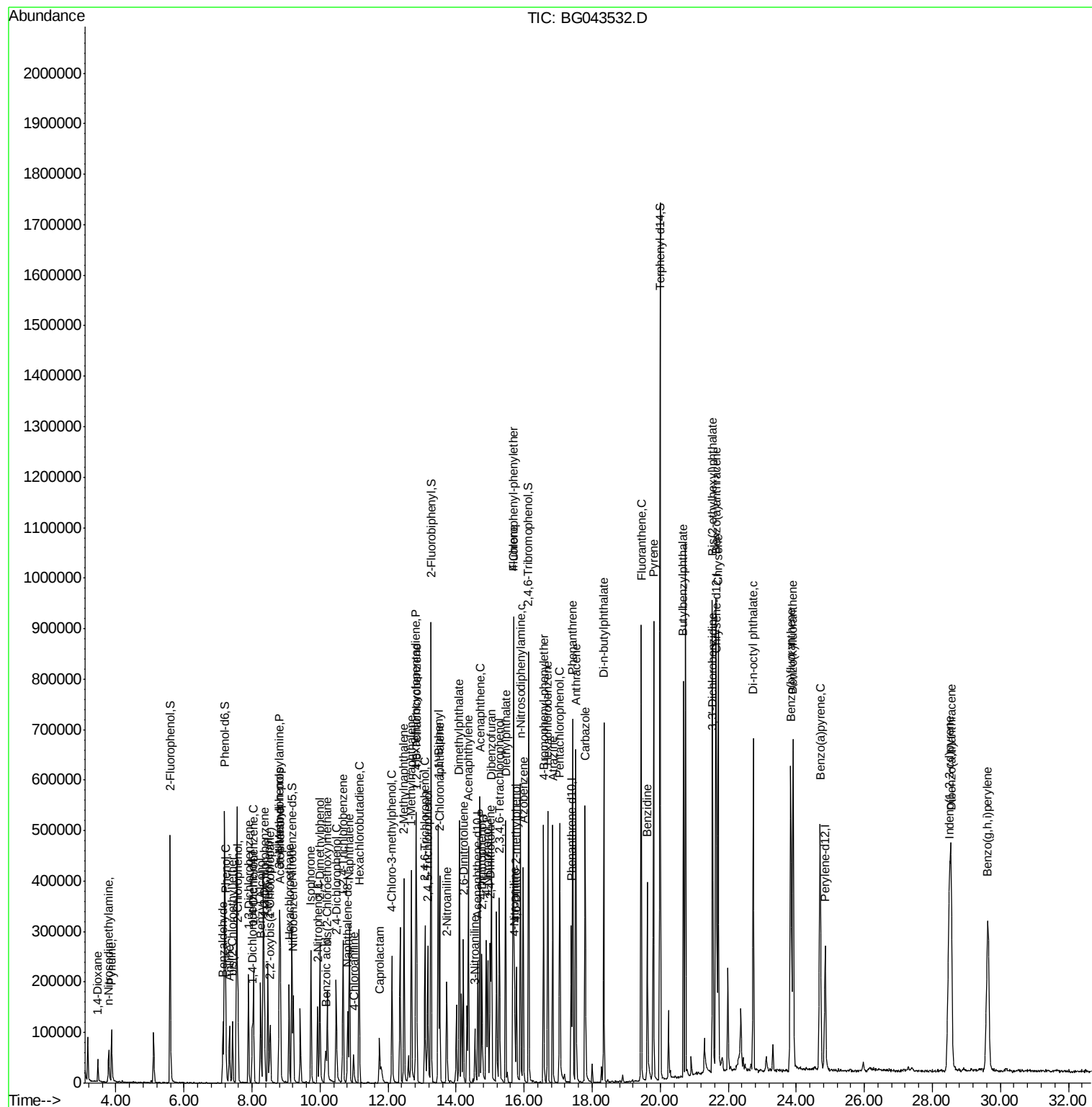
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	136662	81.129	ng	97
43) 2,4,6-Trichlorophenol	13.08	196	84971	44.995	ng	94
44) 2,4,5-Trichlorophenol	13.16	196	91691	48.026	ng	98
46) 1,1'-Biphenyl	13.48	154	283949	43.077	ng	95
47) 2-Chloronaphthalene	13.52	162	218191	43.504	ng	99
48) 2-Nitroaniline	13.73	65	66001	44.030	ng	94
49) Acenaphthylene	14.36	152	361169	46.269	ng	99
50) Dimethylphthalate	14.09	163	362112	53.954	ng	98
51) 2,6-Dinitrotoluene	14.22	165	65610	44.998	ng	94
52) Acenaphthene	14.70	154	213154	44.778	ng	98
53) 3-Nitroaniline	14.55	138	32405	23.019	ng	100
54) 2,4-Dinitrophenol	14.76	184	74996	82.154	ng	98
55) Dibenzofuran	15.04	168	347839	45.060	ng	98
56) 4-Nitrophenol	14.89	139	93153	98.746	ng	90
57) 2,4-Dinitrotoluene	15.00	165	92381	44.334	ng	98
58) Fluorene	15.69	166	291077	44.958	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.27	232	89590	44.167	ng	96
60) Diethylphthalate	15.46	149	292037	43.306	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	162554	43.037	ng	99
62) 4-Nitroaniline	15.72	138	63064	43.378	ng	91
63) Azobenzene	15.97	77	244152	44.735	ng	96
65) 4,6-Dinitro-2-methylphenol	15.77	198	59717	48.221	ng	96
66) n-Nitrosodiphenylamine	15.90	169	258537	43.517	ng	98
67) 4-Bromophenyl-phenylether	16.57	248	117320	41.427	ng	99
68) Hexachlorobenzene	16.70	284	132179	40.662	ng	98
69) Atrazine	16.84	200	111175	53.854	ng	97
70) Pentachlorophenol	17.05	266	127777	86.264	ng	97
71) Phenanthrene	17.43	178	464949	43.148	ng	99
72) Anthracene	17.52	178	483502	44.846	ng	97
73) Carbazole	17.79	167	434104	44.463	ng	99
74) Di-n-butylphthalate	18.34	149	514692	43.447	ng	100
75) Fluoranthene	19.44	202	620040	44.137	ng	100
77) Benzidine	19.62	184	289059	63.585	ng	100
78) Pyrene	19.80	202	622159	44.497	ng	99
80) Butylbenzylphthalate	20.68	149	234357	44.241	ng	99
81) Benzo(a)anthracene	21.64	228	633935	44.803	ng	99
82) 3,3'-Dichlorobenzidine	21.55	252	130183	23.788	ng	# 99
83) Chrysene	21.70	228	611290	43.482	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	338723	45.014	ng	99
85) Di-n-octyl phthalate	22.74	149	577079	45.203	ng	99
86) Indeno(1,2,3-cd)pyrene	28.49	276	804280	45.577	ng	# 96
88) Benzo(b)fluoranthene	23.84	252	656184	43.568	ng	99
89) Benzo(k)fluoranthene	23.90	252	678629	44.758	ng	99
90) Benzo(a)pyrene	24.70	252	621603	43.220	ng	99
91) Dibenzo(a,h)anthracene	28.55	278	687273	46.718	ng	100
92) Benzo(g,h,i)perylene	29.63	276	664695	45.806	ng	100

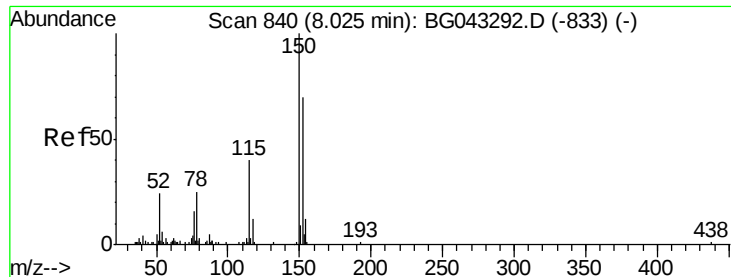
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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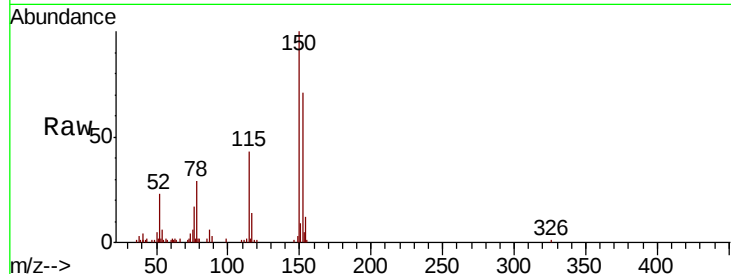


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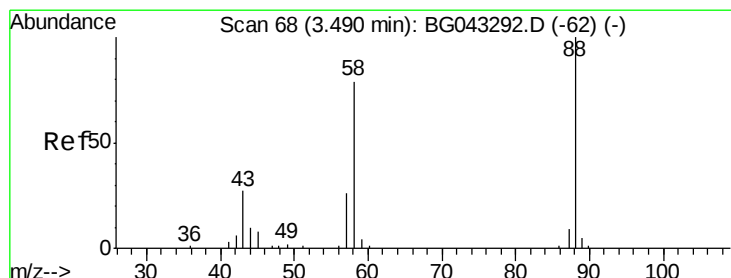
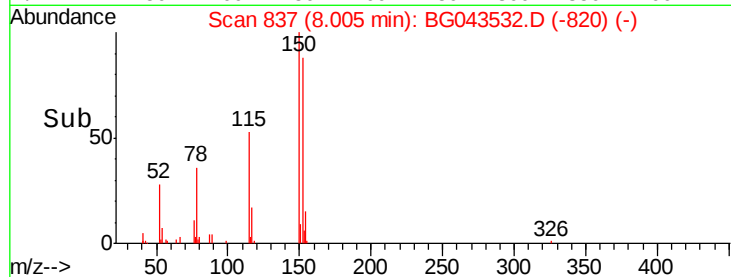
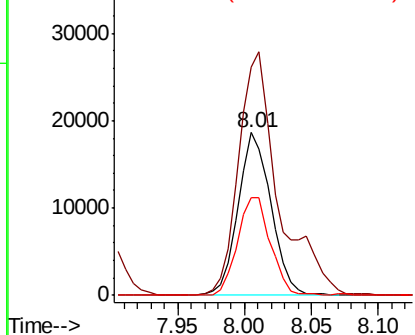
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31930
Ion Ratio Lower Upper
152 100
150 140.5 129.4 194.0
115 60.1 48.8 73.2



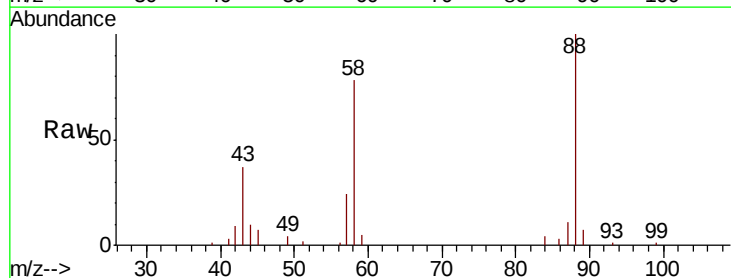
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



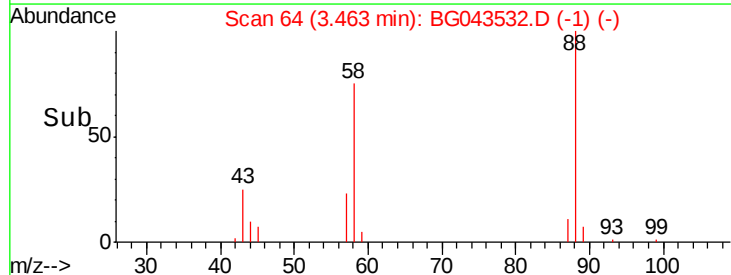
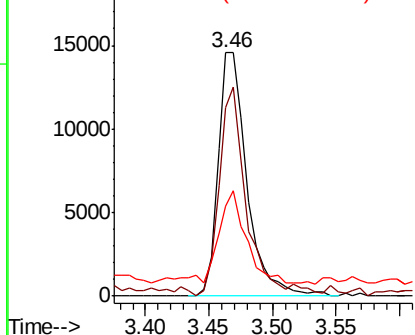
#2

1,4-Dioxane
Concen: 33.863 ng
RT: 3.46 min Scan# 64
Delta R.T. -0.01 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

Tgt Ion: 88 Resp: 22994
Ion Ratio Lower Upper
88 100
58 79.1 62.7 94.1
43 38.5 23.7 35.5#



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





#3

Pvridine

Concen: 34.840 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

Instrument :

BNA_G

ClientSampleId :

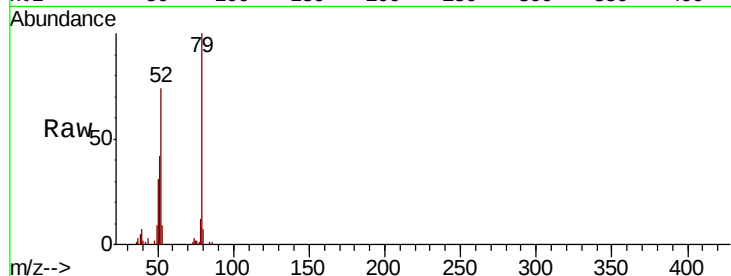
Tot Ion: 79 Resp: 59676

Ion Ratio Lower Upper

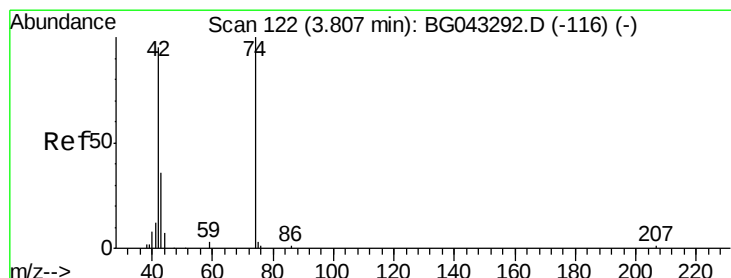
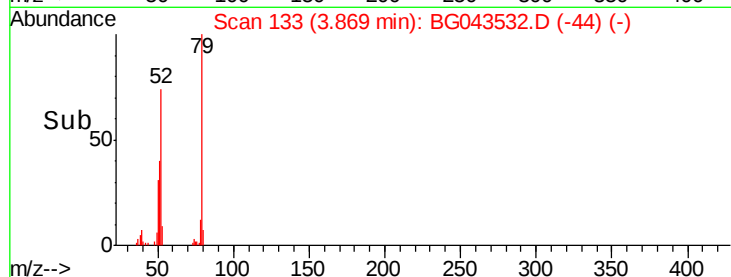
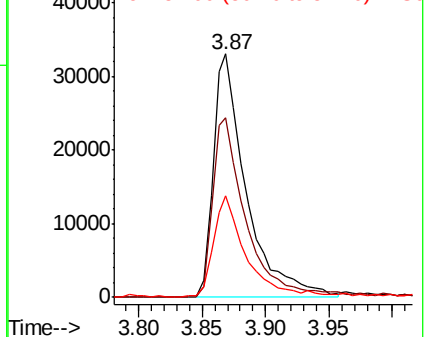
79 100

52 73.8 56.5 84.7

51 41.6 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: 43.572 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

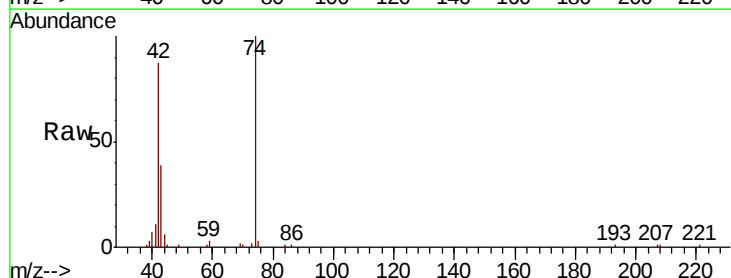
Tgt Ion: 42 Resp: 37661

Ion Ratio Lower Upper

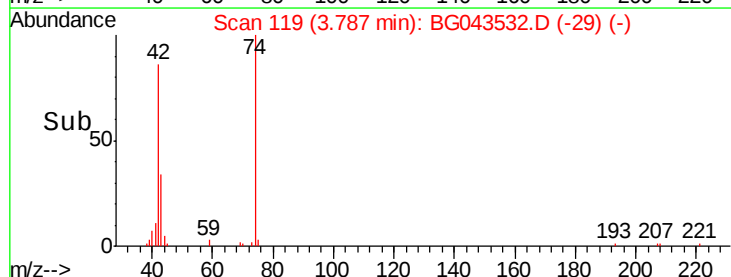
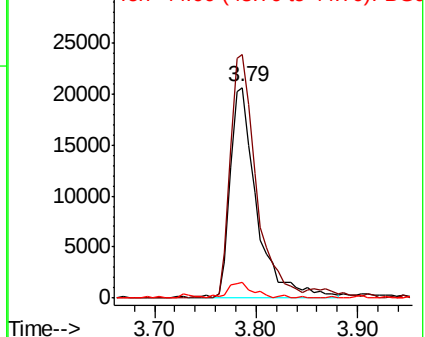
42 100

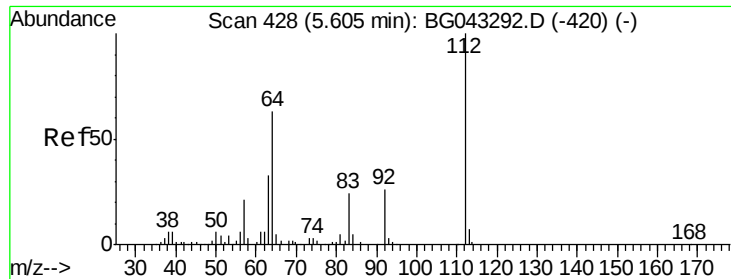
74 115.6 97.3 145.9

44 7.3 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: 129.913 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

Instrument :

BNA_G

ClientSampleId :

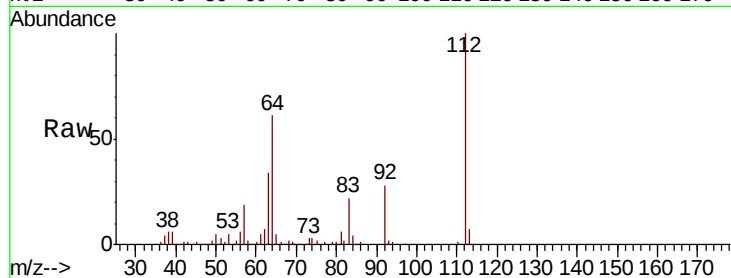
Tot Ion:112 Resp: 226371

Ion Ratio Lower Upper

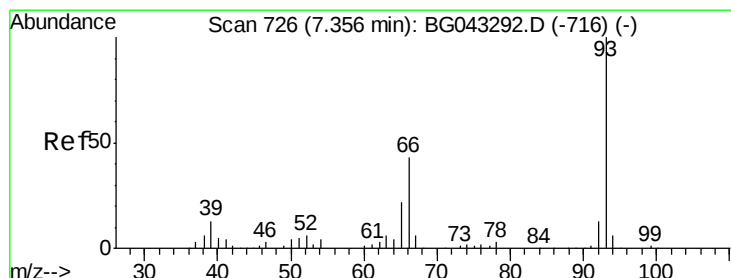
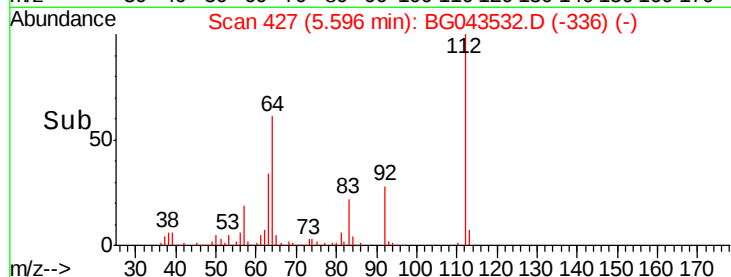
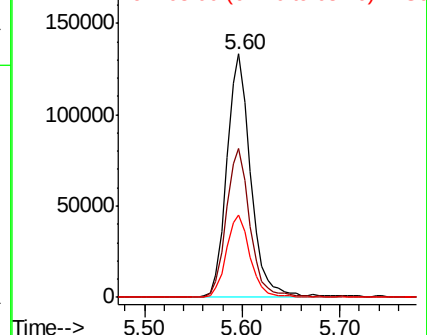
112 100

64 61.1 50.0 75.0

63 33.6 26.6 40.0



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



#6

Aniline

Concen: 27.141 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

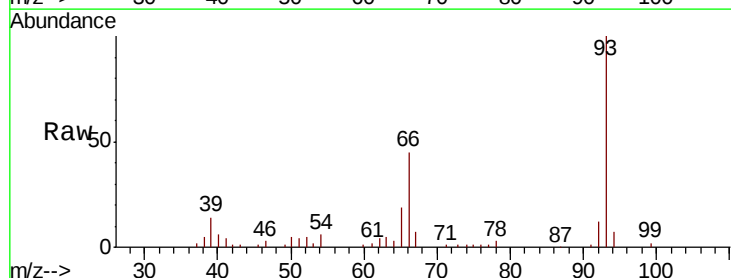
Tgt Ion: 93 Resp: 78382

Ion Ratio Lower Upper

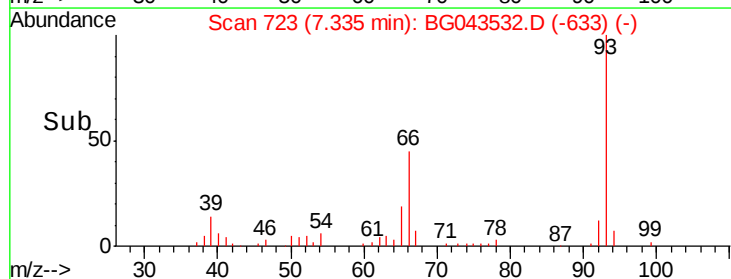
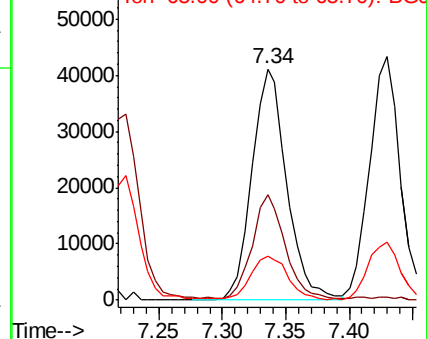
93 100

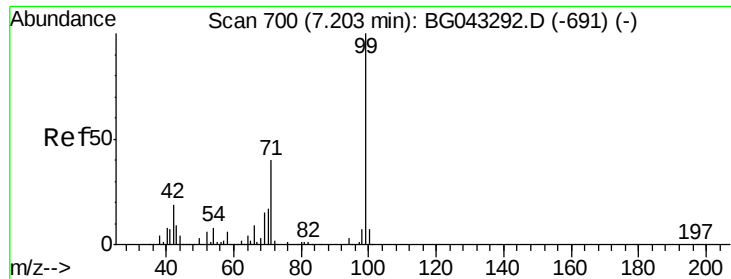
66 45.5 32.3 48.5

65 19.2 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: 128.218 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

Instrument :

BNA_G

ClientSampled :

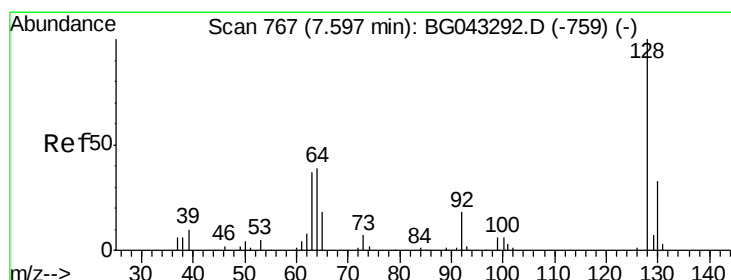
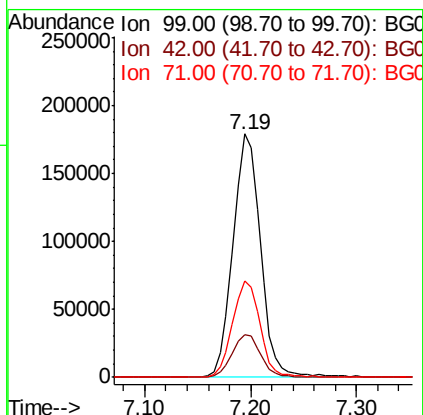
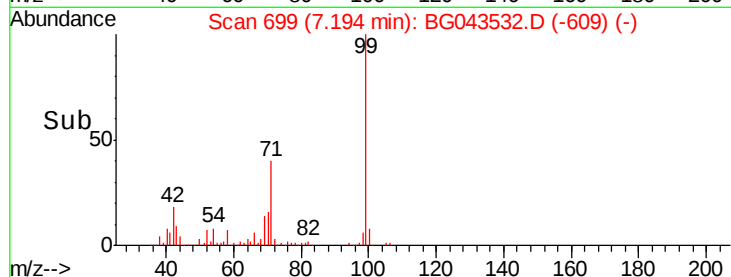
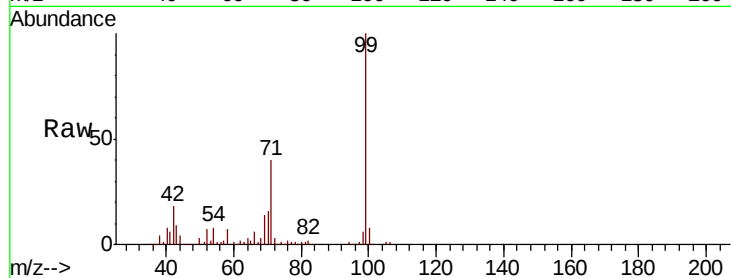
Tot Ion: 99 Resp: 321444

Ion Ratio Lower Upper

99 100

42 17.7 14.6 21.8

71 39.8 32.5 48.7



#8

2-Chlorophenol

Concen: 46.874 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

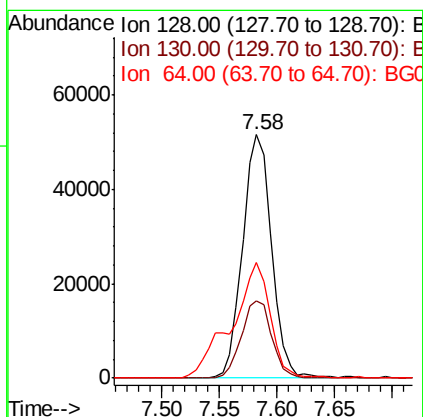
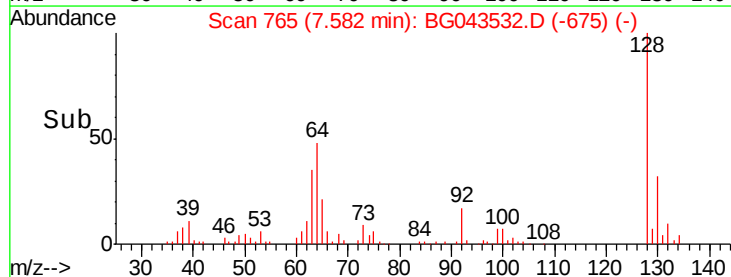
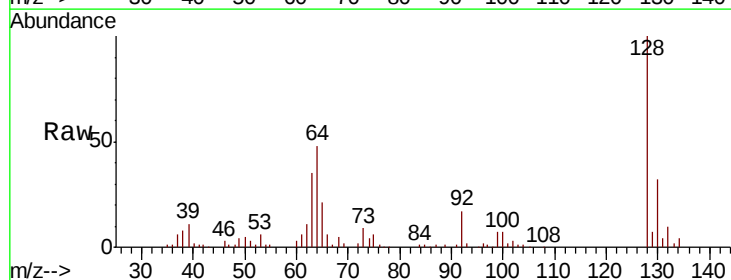
Tgt Ion: 128 Resp: 90162

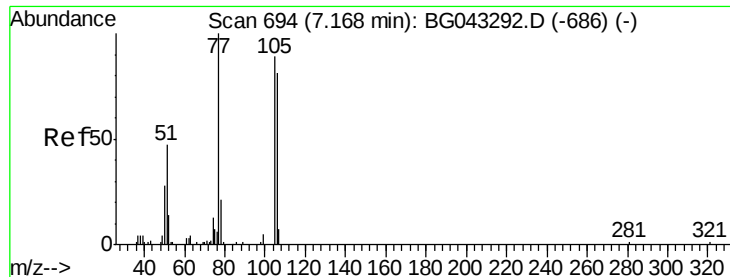
Ion Ratio Lower Upper

128 100

130 31.9 12.5 52.5

64 47.5 25.3 65.3





#9

Benzaldehyde

Concen: 39.066 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

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ClientSampleId :

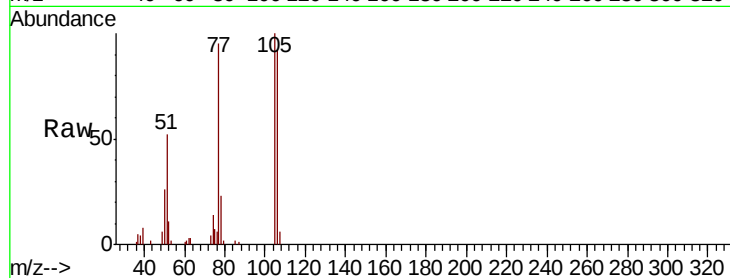
Tot Ion: 77 Resp: 48132

Ion Ratio Lower Upper

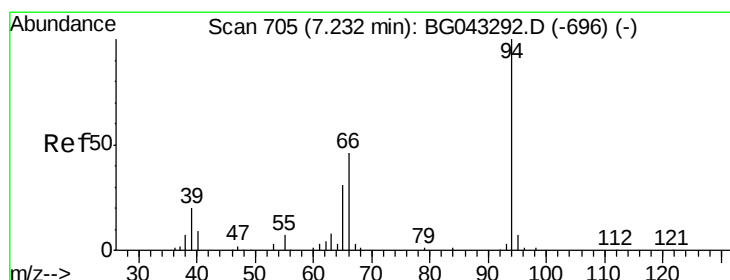
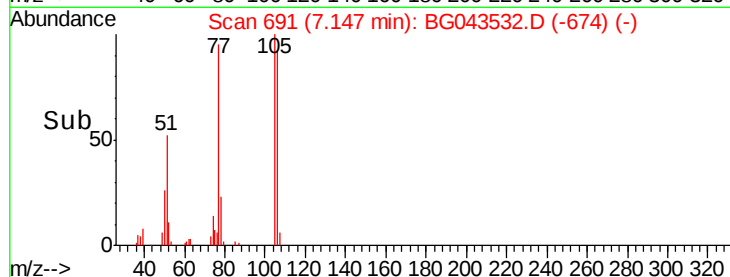
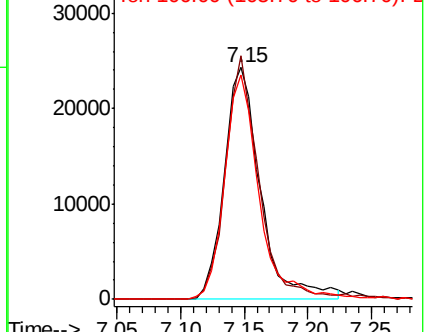
77 100

105 105.0 68.6 108.6

106 97.0 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: 52.047 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

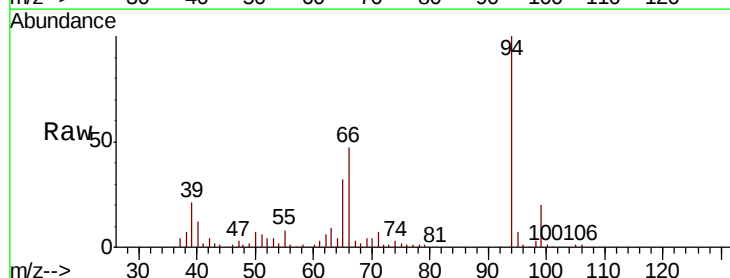
Tgt Ion: 94 Resp: 119234

Ion Ratio Lower Upper

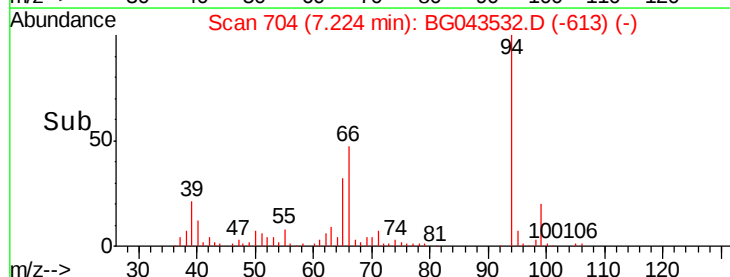
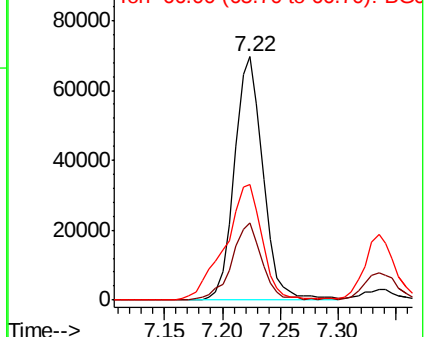
94 100

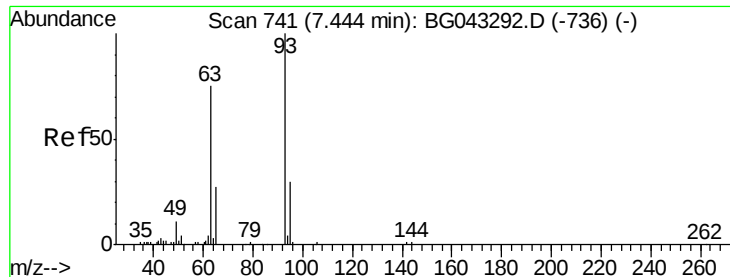
65 31.9 12.6 52.6

66 47.5 30.7 70.7



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

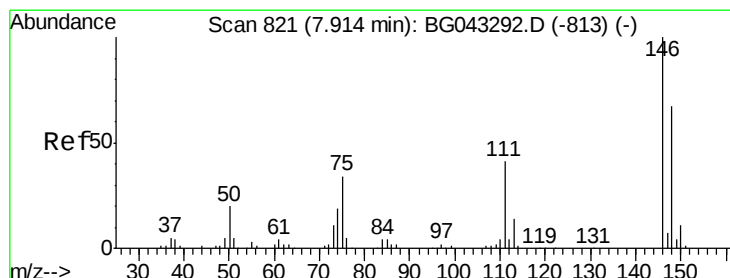
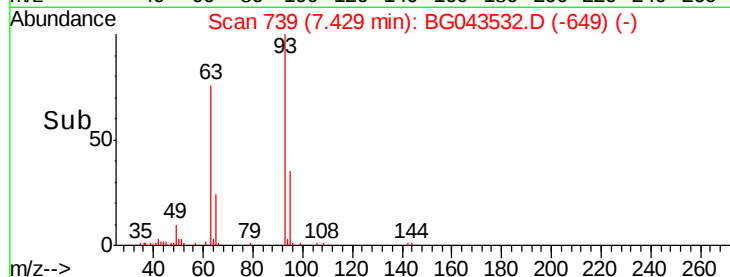
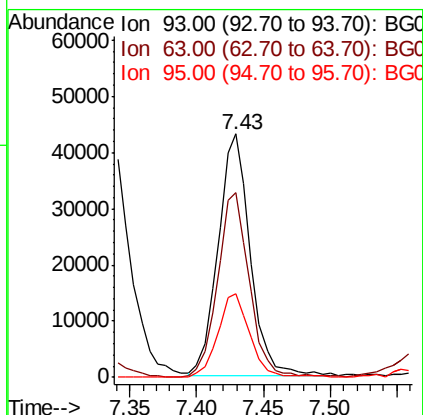
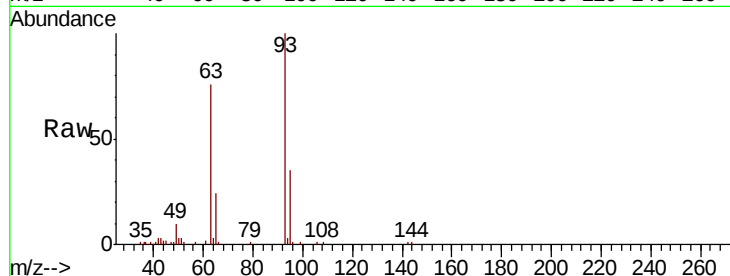




#11
bis(2-Chloroethyl)ether
Concen: 41.129 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

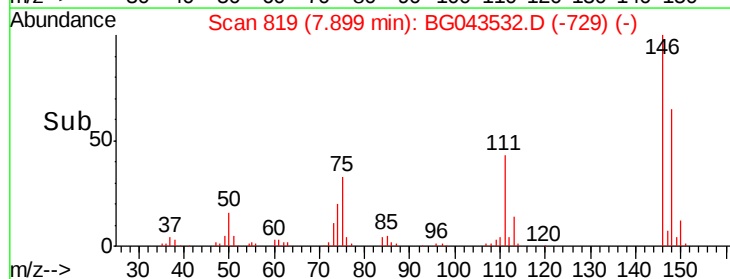
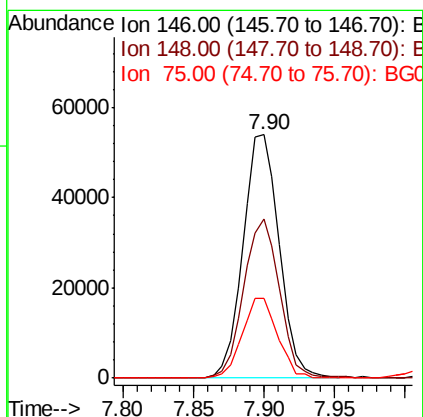
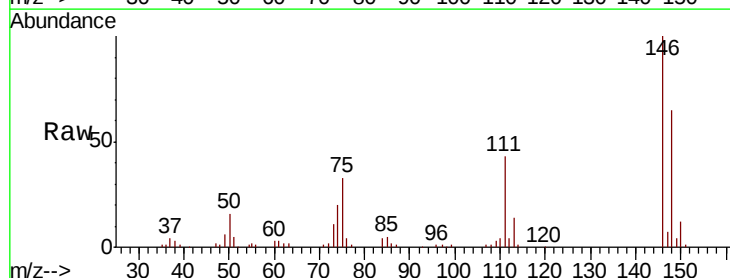
Instrument :
BNA_G
ClientSampleId :

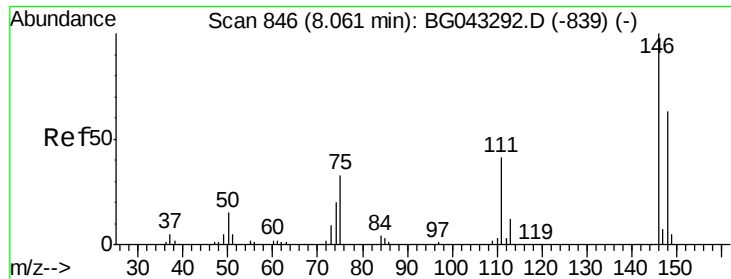
Tot Ion: 93 Resp: 72847
Ion Ratio Lower Upper
93 100
63 75.9 56.3 96.3
95 34.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 40.254 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

Tgt Ion: 146 Resp: 97012
Ion Ratio Lower Upper
146 100
148 65.2 50.3 75.5
75 33.0 24.6 37.0

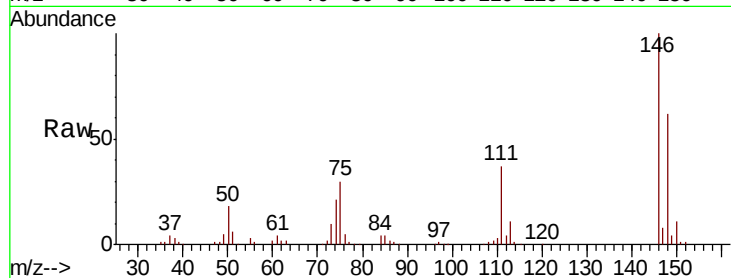




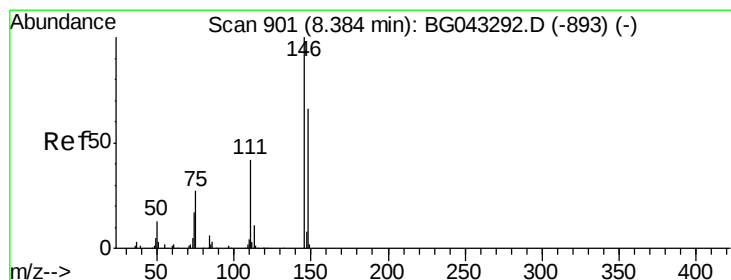
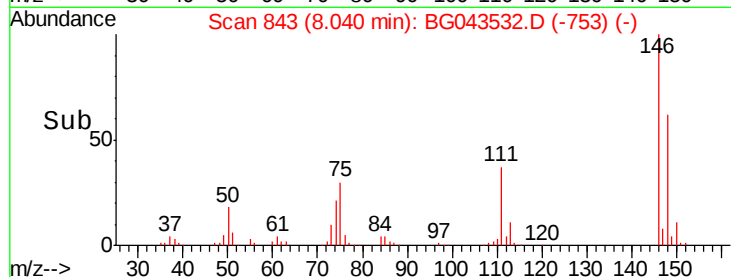
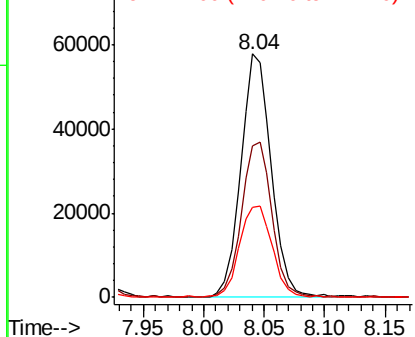
#13
 1,4-Dichlorobenzene
 Concen: 41.561 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 101338
 Ion Ratio Lower Upper
 146 100
 148 62.0 50.7 76.1
 111 37.0 33.4 50.2

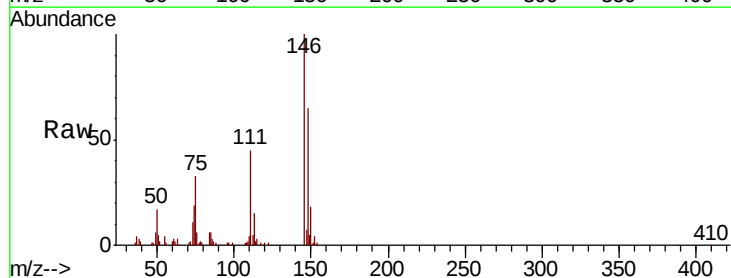


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

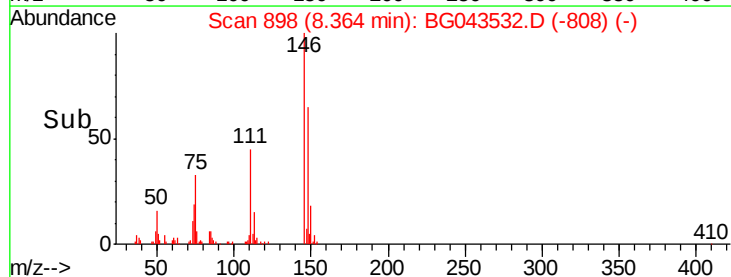
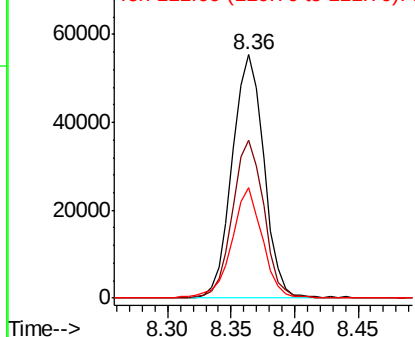


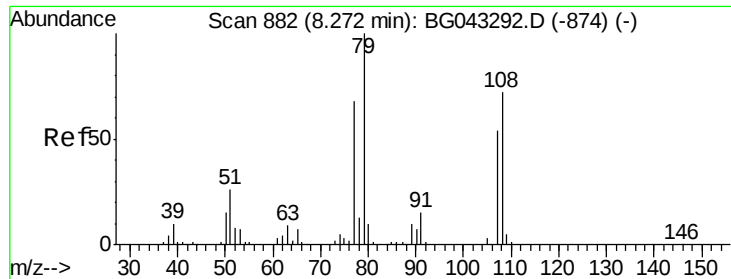
#14
 1,2-Dichlorobenzene
 Concen: 40.283 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

Tgt Ion:146 Resp: 95904
 Ion Ratio Lower Upper
 146 100
 148 64.9 53.2 79.8
 111 45.5 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 45.389 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

Instrument :

BNA_G

ClientSampled :

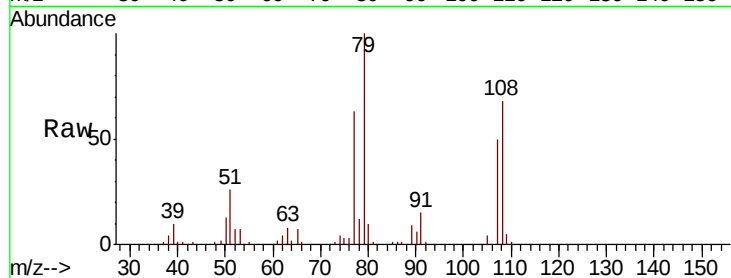
Tot Ion: 79 Resp: 79916

Ion Ratio Lower Upper

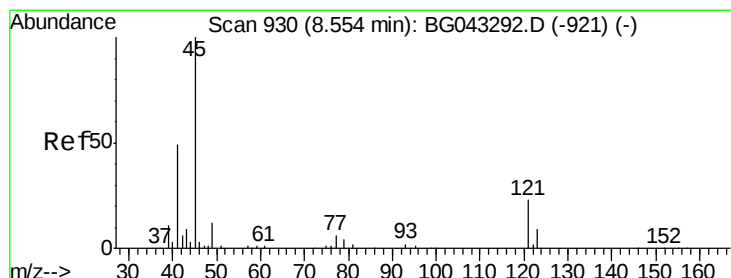
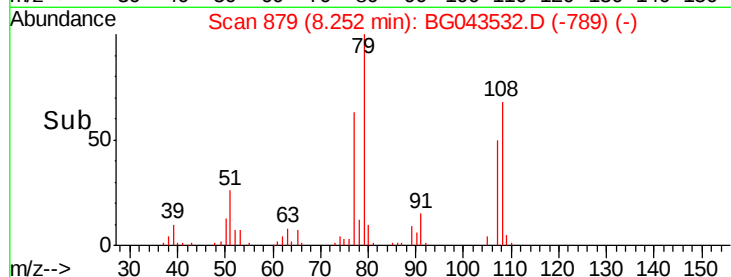
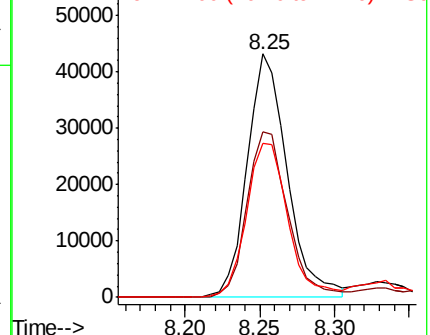
79 100

108 68.0 53.6 80.4

77 63.3 49.6 74.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.816 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

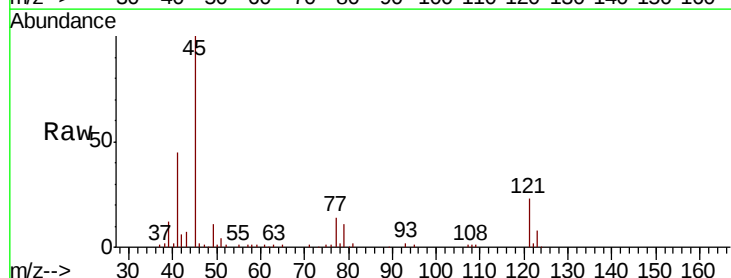
Tgt Ion: 45 Resp: 99968

Ion Ratio Lower Upper

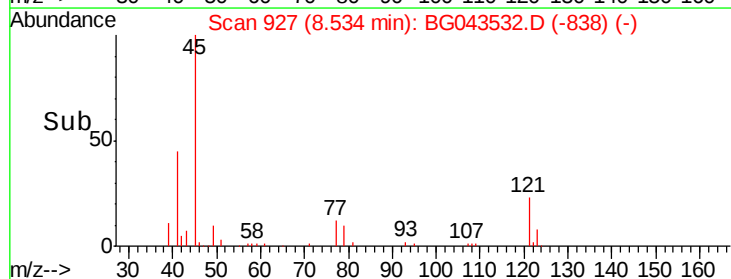
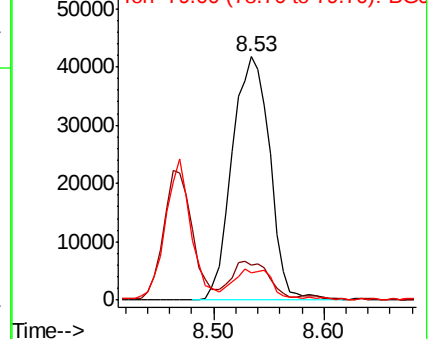
45 100

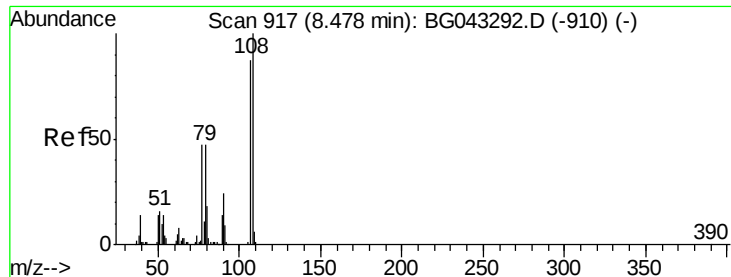
77 14.2 0.0 34.9

79 11.0 0.0 33.0



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





#17

2-Methylphenol

Concen: 46.643 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 77896

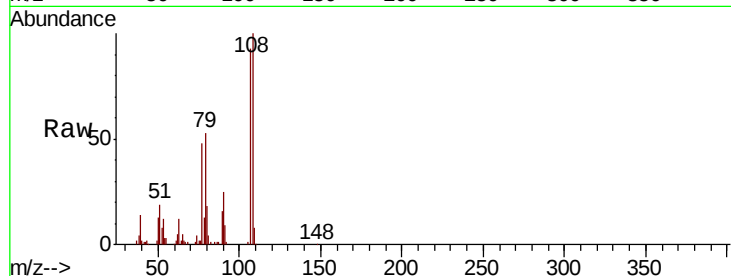
Ion Ratio Lower Upper

107 100

108 107.0 90.2 135.4

77 50.9 40.2 60.2

79 56.5 44.0 66.0

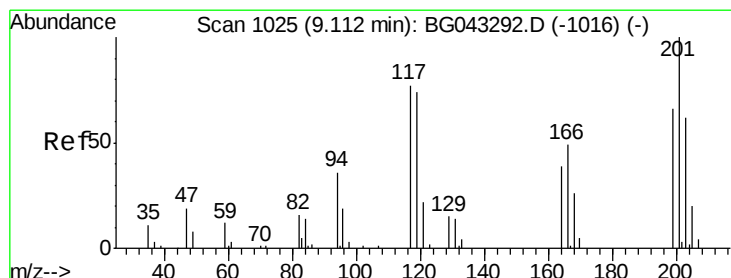
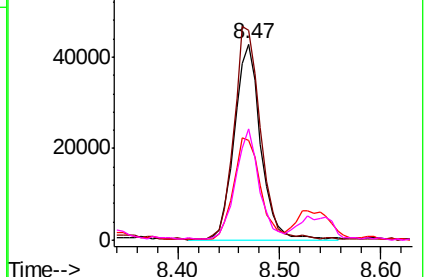
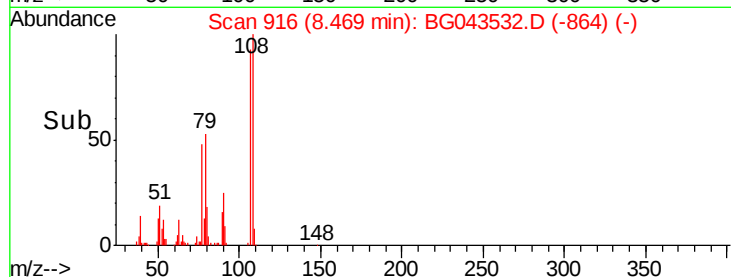


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.780 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

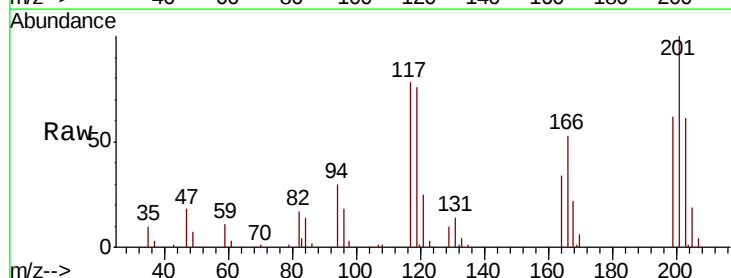
Tgt Ion:117 Resp: 34995

Ion Ratio Lower Upper

117 100

119 97.6 79.0 118.4

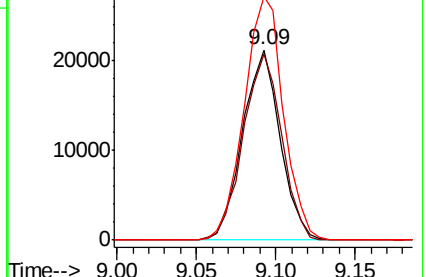
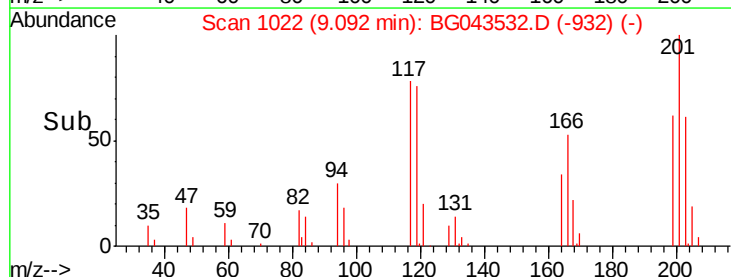
201 128.0 105.4 158.2

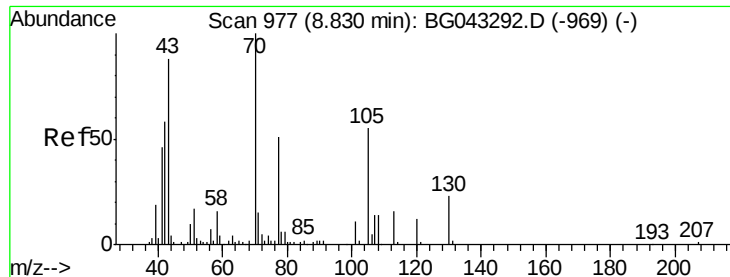


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

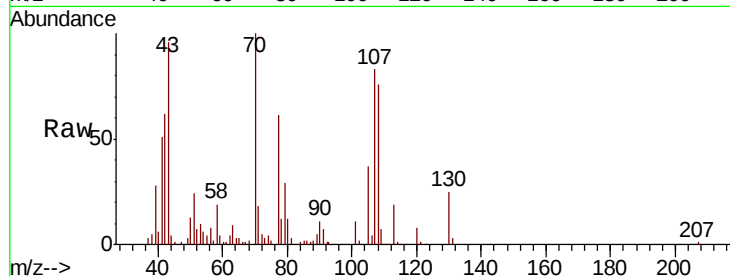




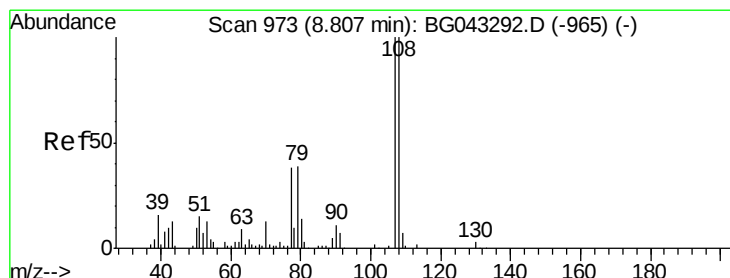
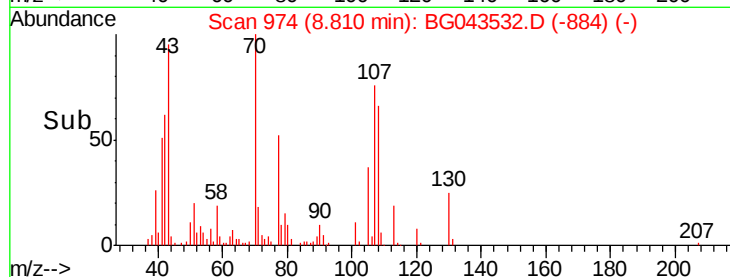
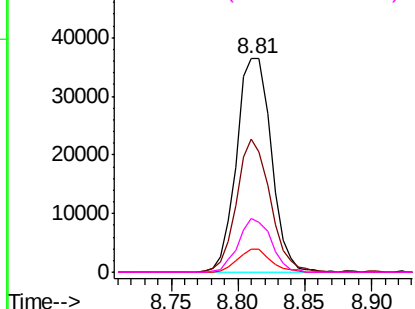
#19
n-Nitroso-di-n-propylamine
Concen: 40.560 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 65706
Ion Ratio Lower Upper
70 100
42 62.3 41.4 62.2#
101 10.8 7.9 11.9
130 25.3 19.0 28.4

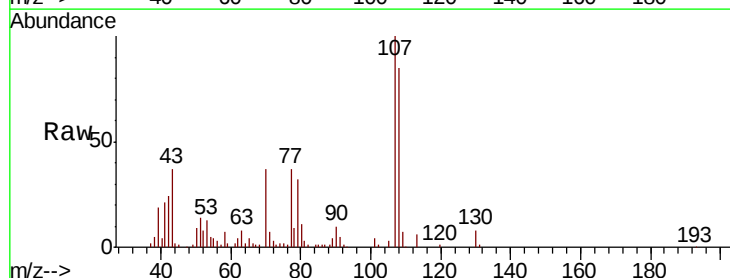


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

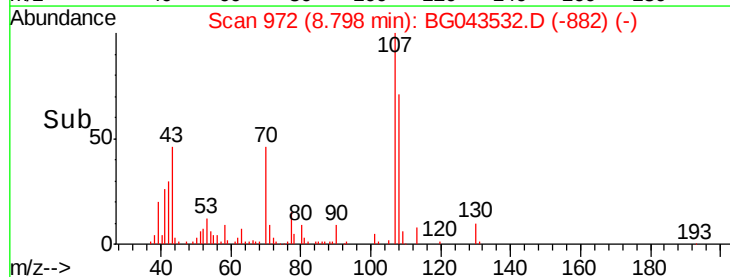
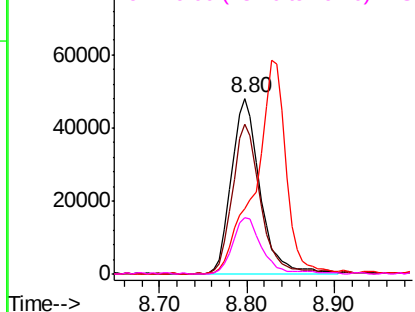


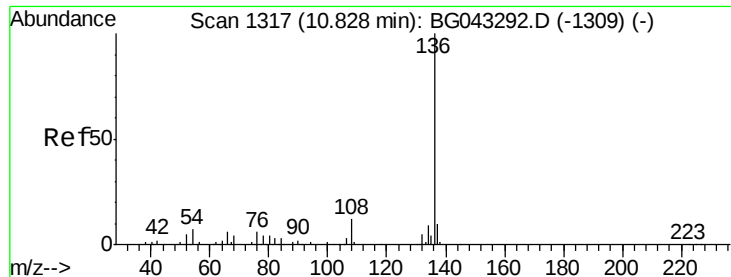
#20
3+4-Methylphenols
Concen: 46.501 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

Tgt Ion:107 Resp: 106490
Ion Ratio Lower Upper
107 100
108 84.9 66.6 106.6
77 37.3 20.9 60.9
79 32.2 11.3 51.3



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

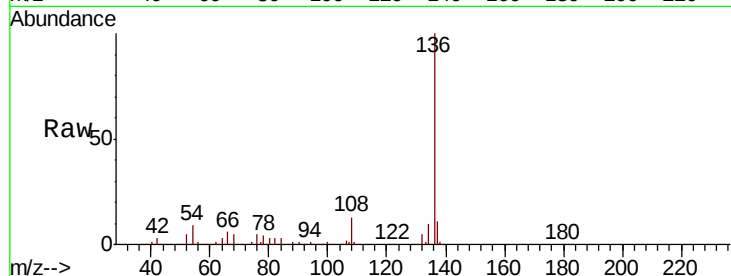




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	124540
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.7 13.1
54	8.5	5.4 8.2#
68	4.5	3.0 4.4#



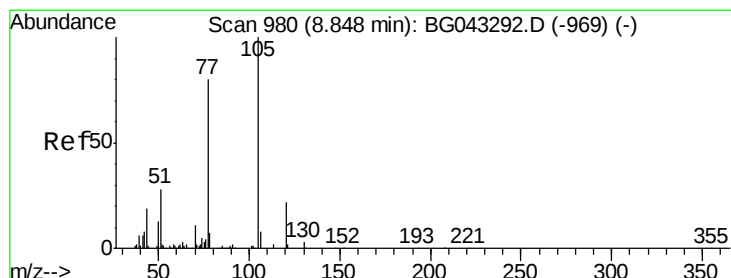
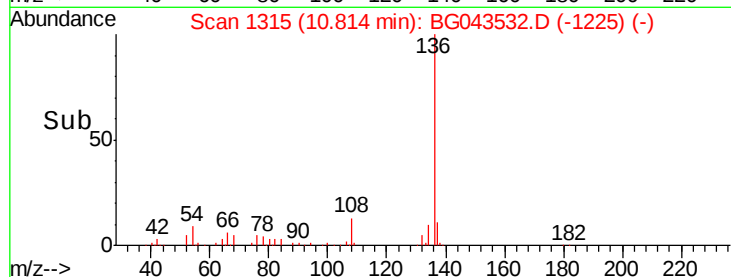
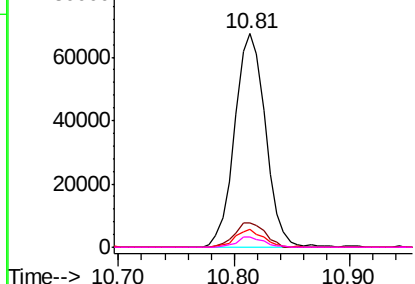
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

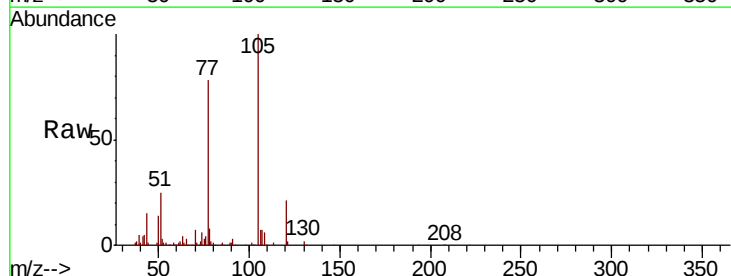
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.875 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

Tgt Ion:105	Resp:	130363
Ion	Ratio	Lower Upper
105	100	
71	1.0	0.8 1.2
51	25.2	21.0 31.4
120	20.9	18.0 27.0



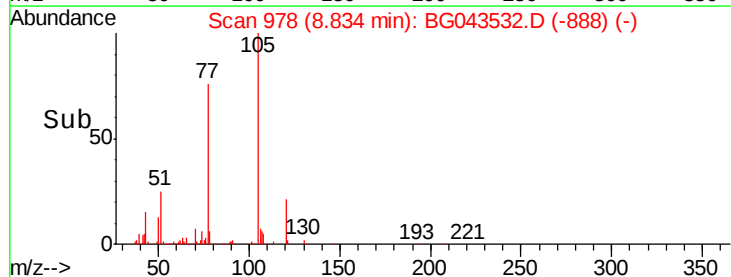
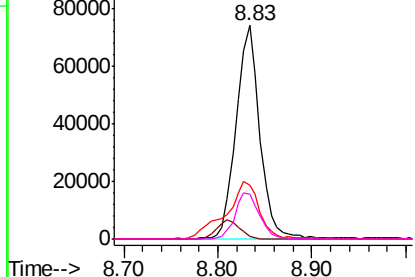
Abundance

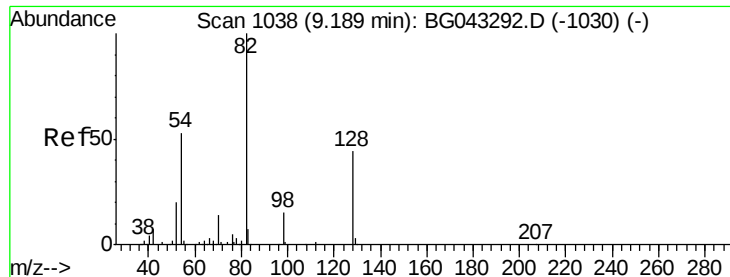
Ion 105.00 (104.70 to 105.70): E

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

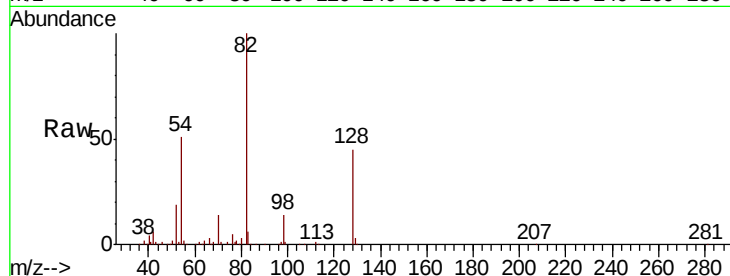




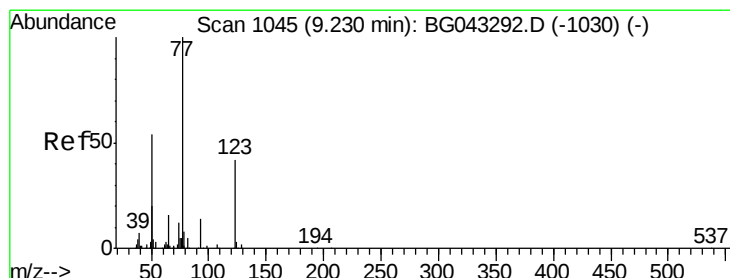
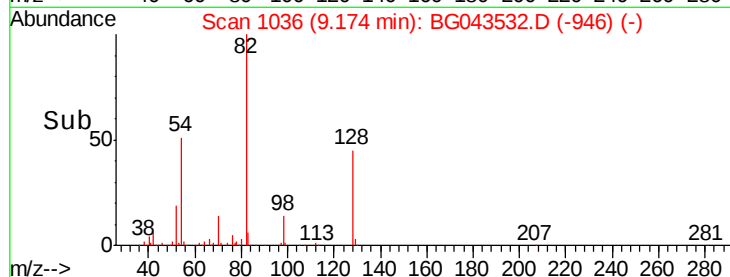
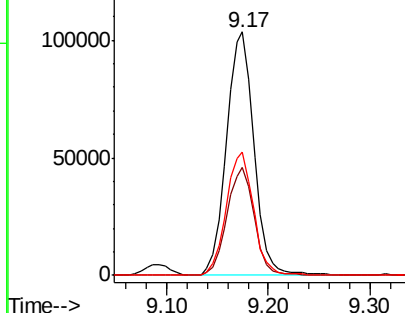
#23
 Nitrobenzene-d5
 Concen: 80.406 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	194237
Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.0	52.6
54	50.7	40.2	60.2

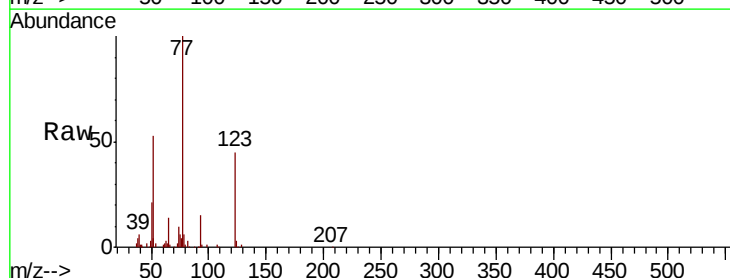


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

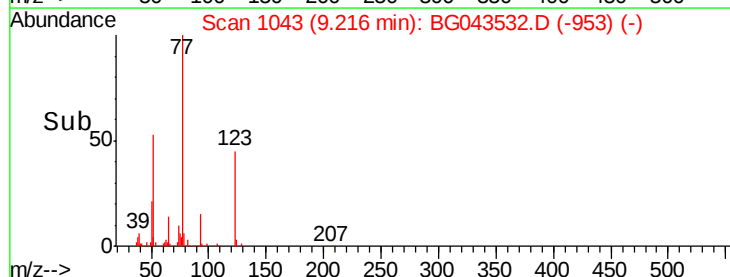
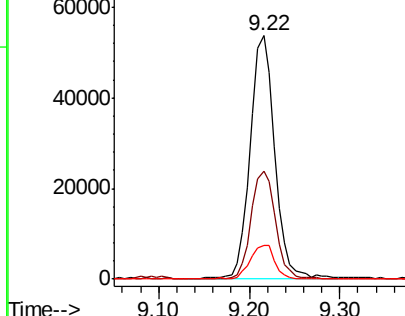


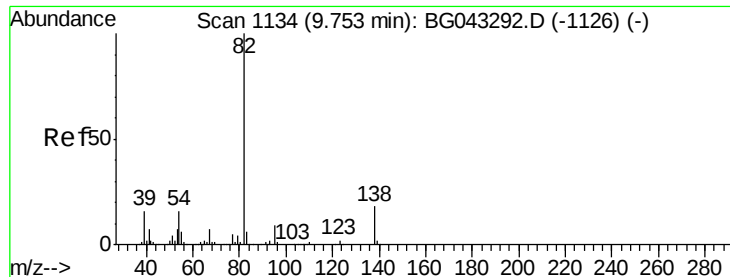
#24
 Nitrobenzene
 Concen: 44.123 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

Tgt Ion	77	Resp	101537
Ion	Ratio	Lower	Upper
77	100		
123	44.6	35.0	52.6
65	14.0	9.5	14.3



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





#25

Isophorone

Concen: 42.320 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

Instrument :

BNA_G

ClientSampleId :

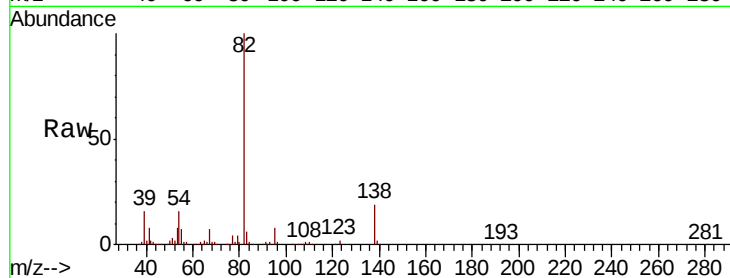
Tot Ion: 82 Resp: 186910

Ion Ratio Lower Upper

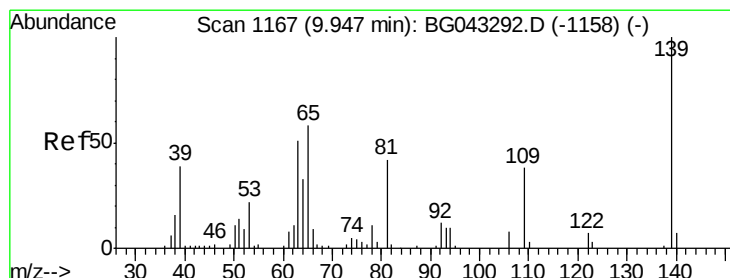
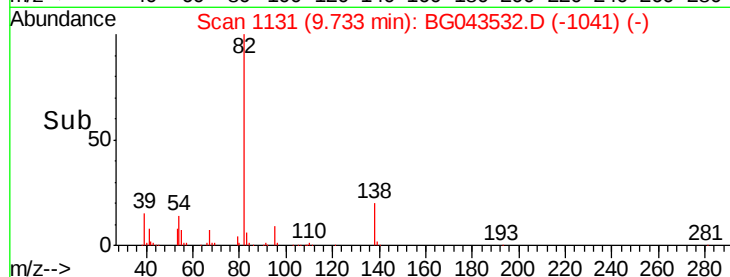
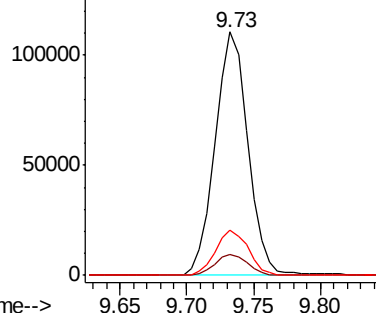
82 100

95 8.4 6.6 9.8

138 18.7 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: 46.275 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

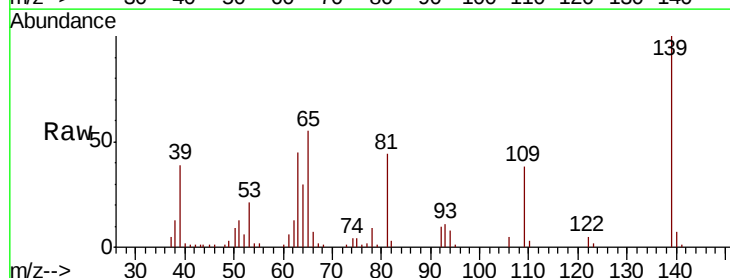
Tgt Ion: 139 Resp: 51411

Ion Ratio Lower Upper

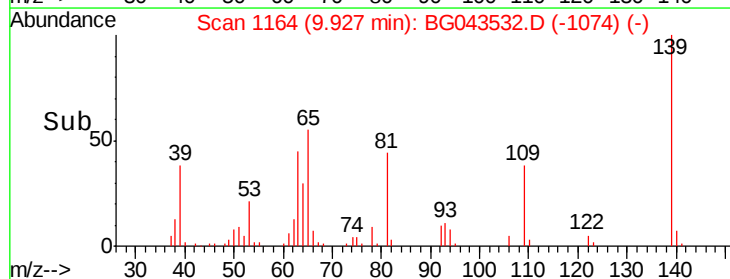
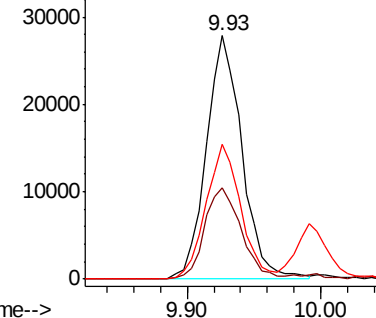
139 100

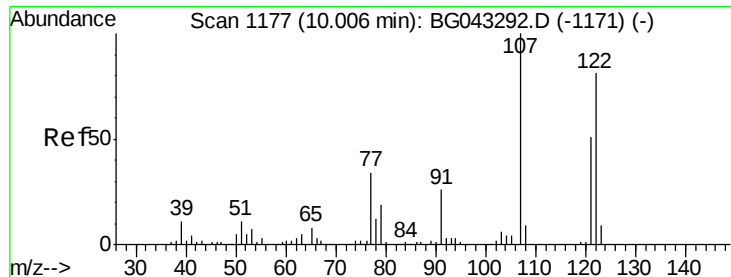
109 37.7 26.5 39.7

65 55.4 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

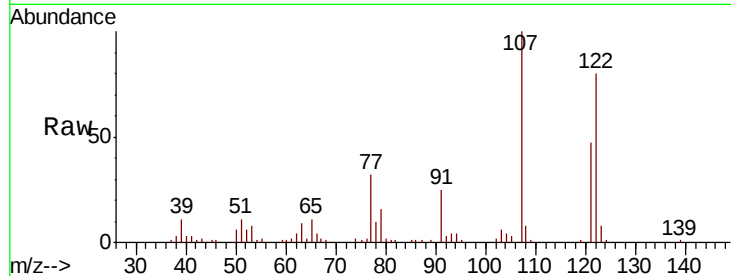




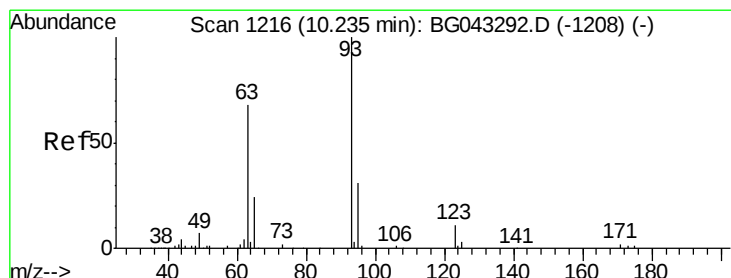
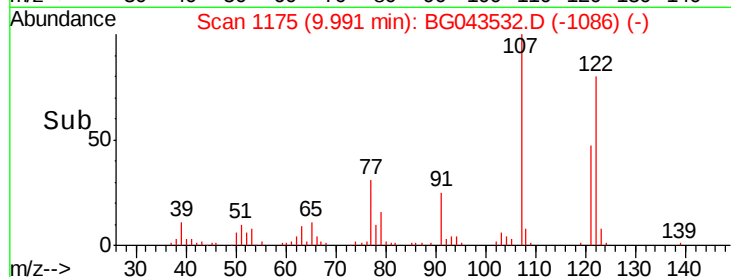
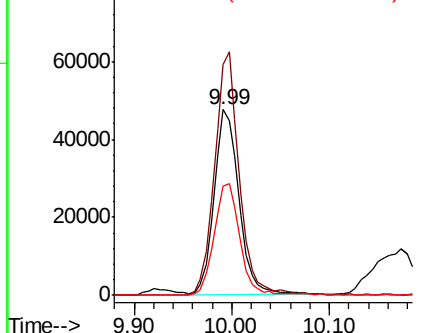
#27
 2,4-Dimethylphenol
 Concen: 52.653 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 83842
 Ion Ratio Lower Upper
 122 100
 107 124.6 104.4 156.6
 121 58.8 47.2 70.8

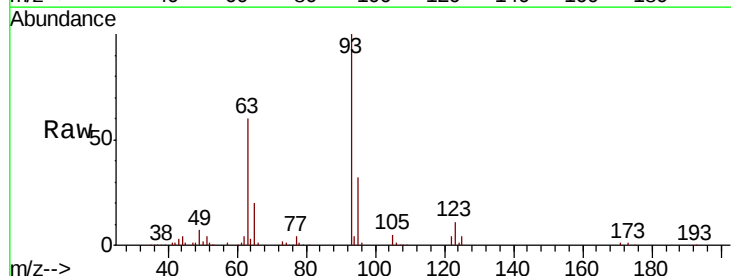


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

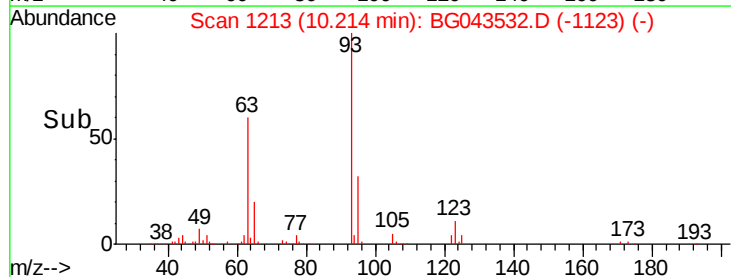
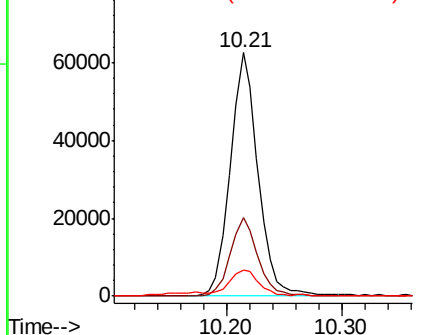


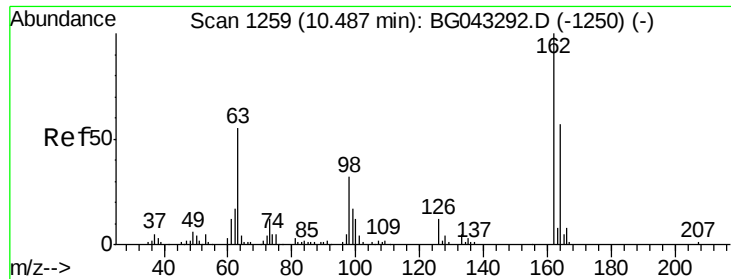
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.557 ng
 RT: 10.21 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

Tgt Ion: 93 Resp: 103736
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.0 39.0
 123 10.7 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

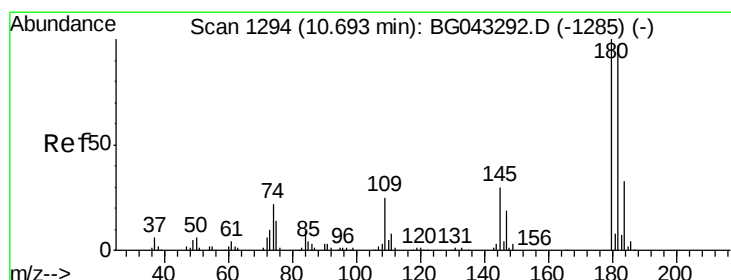
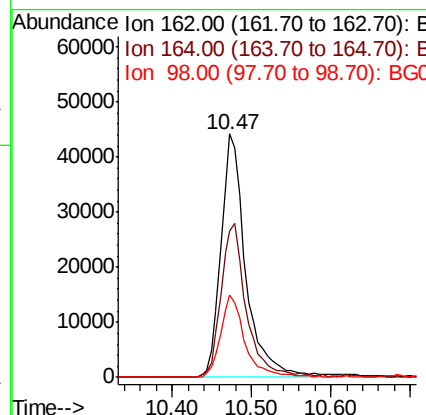
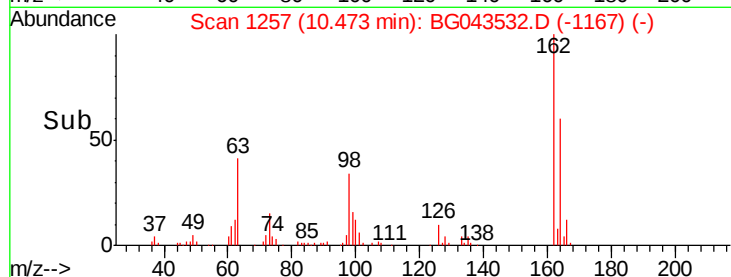
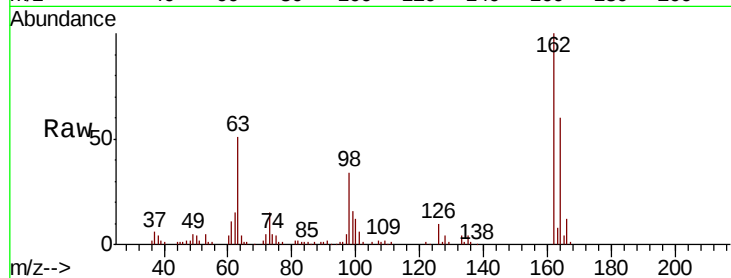




#29
 2,4-Dichlorophenol
 Concen: 47.162 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

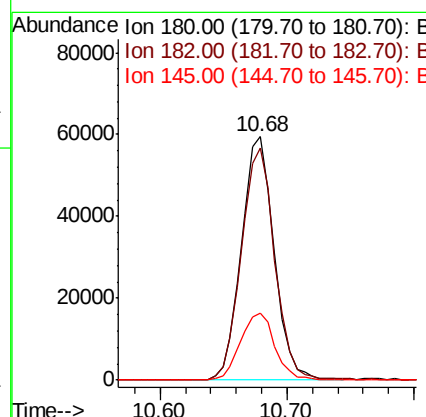
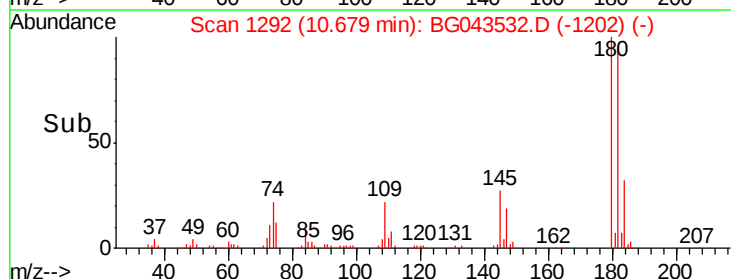
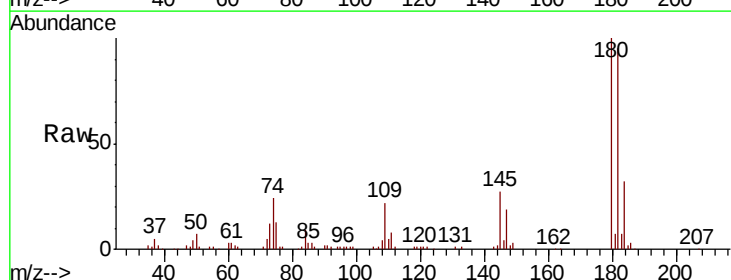
Instrument :
 BNA_G
 ClientSampleId :

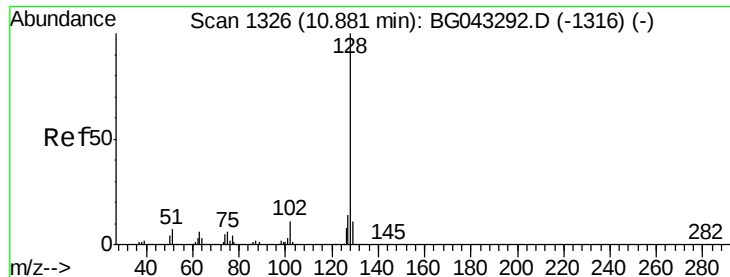
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.1	48.9	88.9
98	33.7	15.1	55.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.292 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.1	112.7
145	27.4	23.9	35.9

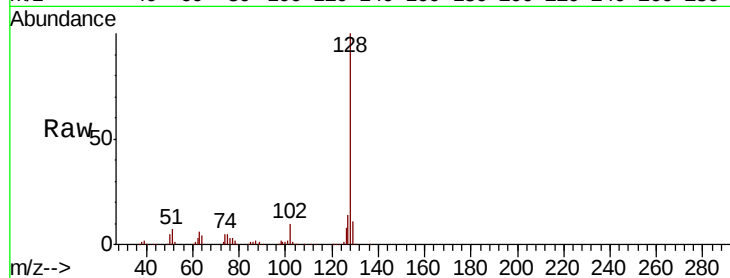




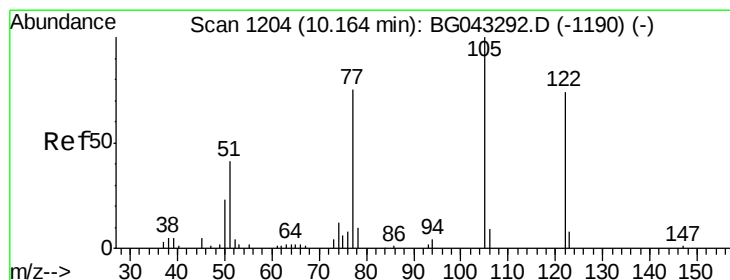
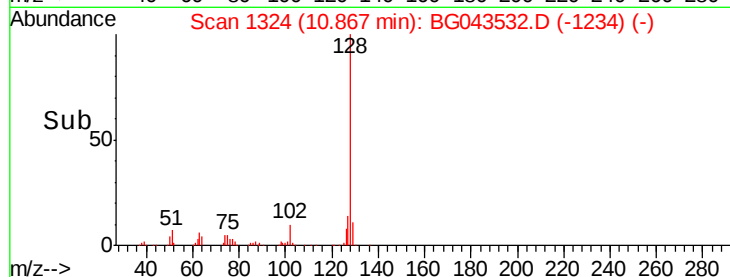
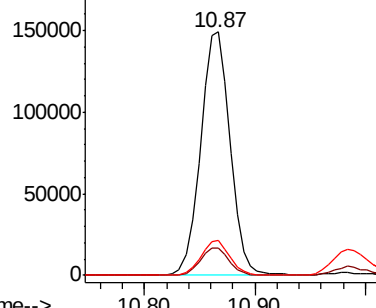
#31
Naphthalene
Concen: 44.119 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.0
127	14.1	11.1	16.7

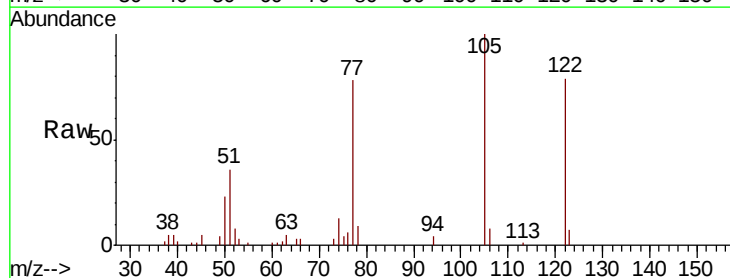


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

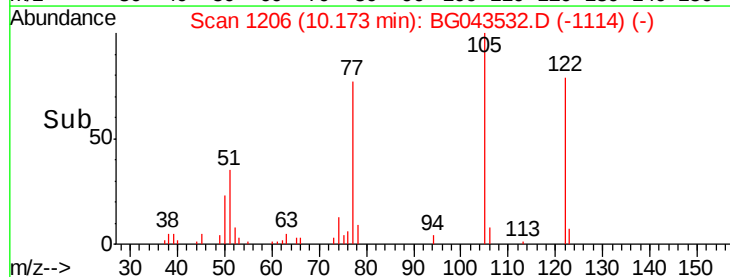
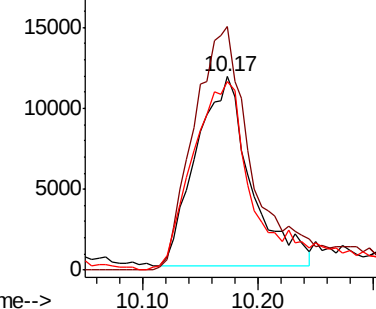


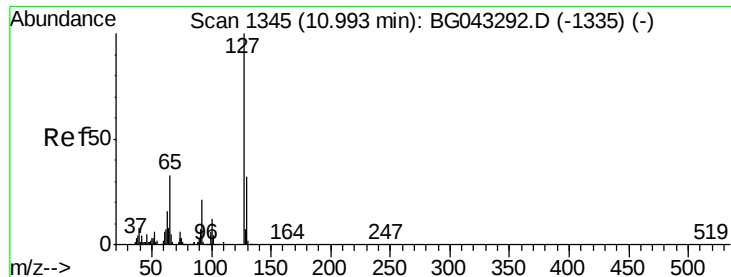
#32
Benzoic acid
Concen: 34.618 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.0	103.3	143.3
77	97.8	84.9	124.9



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

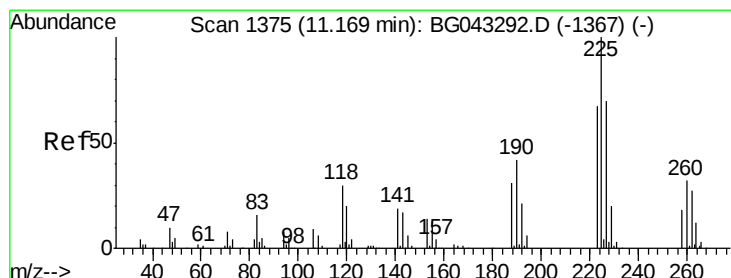
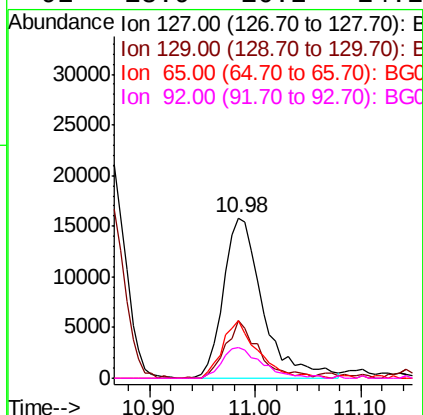
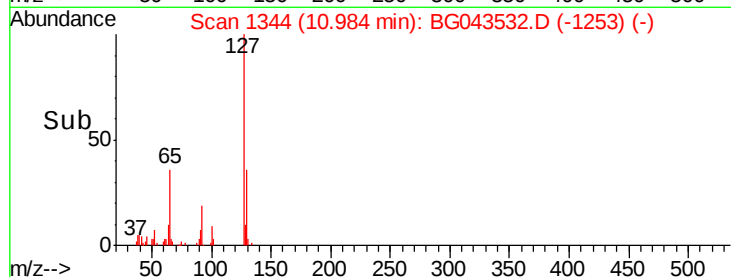
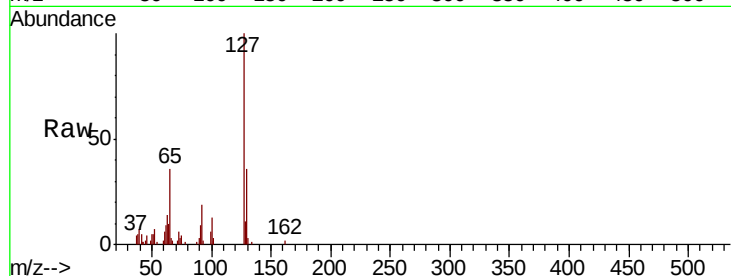




#33
4-Chloroaniline
Concen: 15.792 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

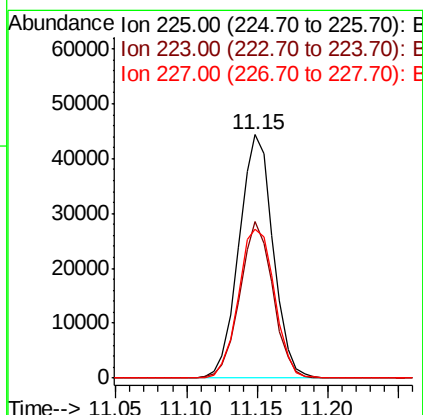
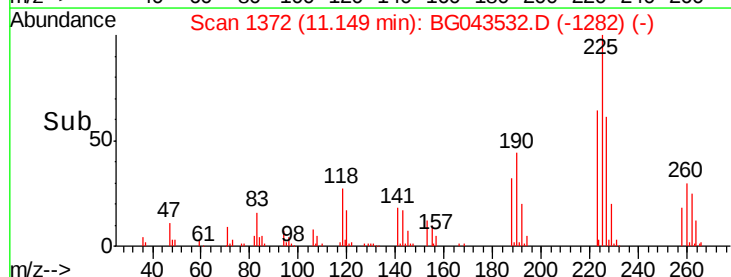
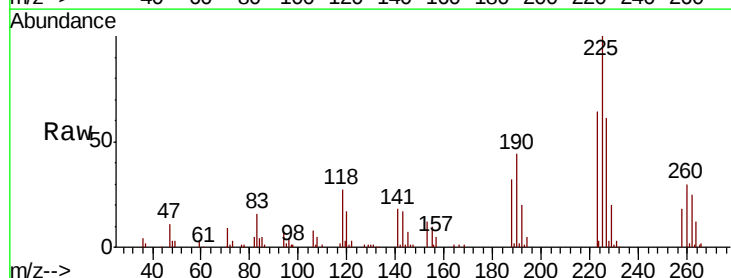
Instrument :
BNA_G
ClientSampleId :

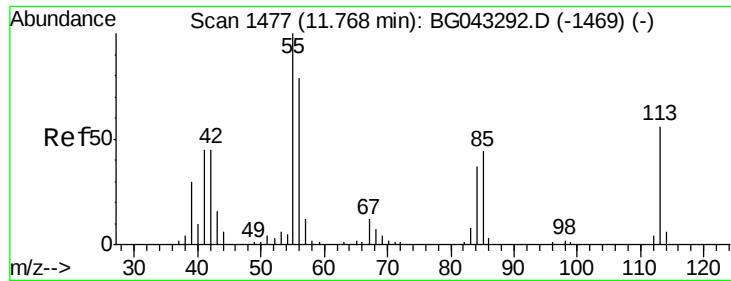
Tot Ion:	127	Resp:	40923
Ion	Ratio	Lower	Upper
127	100		
129	36.1	26.5	39.7
65	36.2	26.4	39.6
92	18.9	16.2	24.2



#34
Hexachlorobutadiene
Concen: 39.332 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

Tgt Ion:	225	Resp:	74764
Ion	Ratio	Lower	Upper
225	100		
223	64.1	52.7	79.1
227	61.4	54.8	82.2





#35

Caprolactam

Concen: 28.250 ng

RT: 11.75 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

Instrument :

BNA_G

ClientSampled :

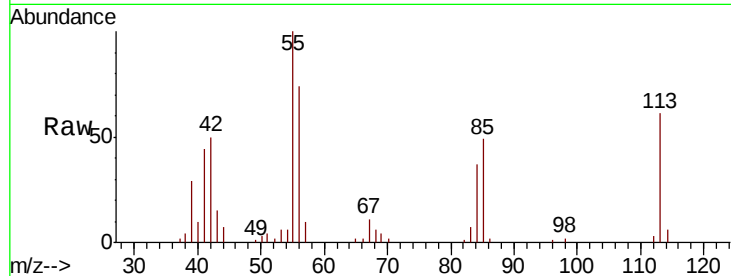
Tot Ion:113 Resp: 19850

Ion Ratio Lower Upper

113 100

55 164.0 134.1 174.1

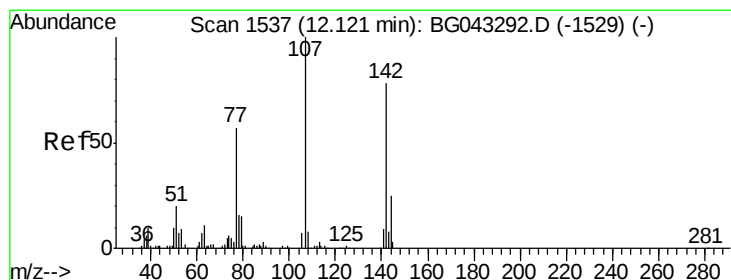
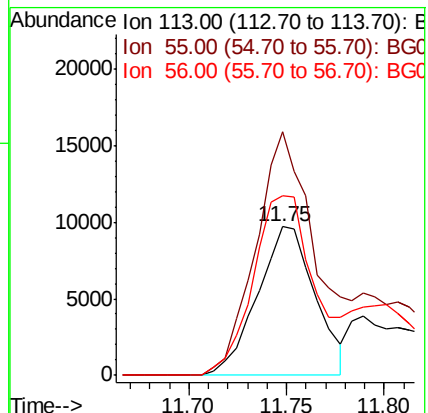
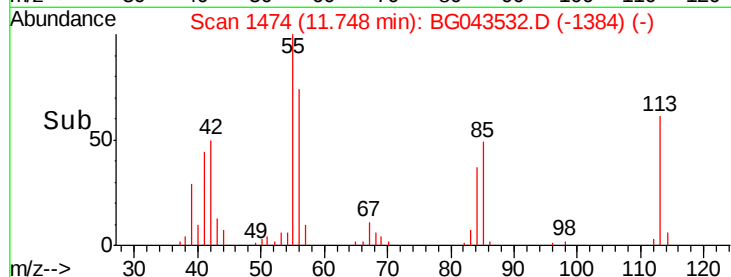
56 120.8 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 45.289 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

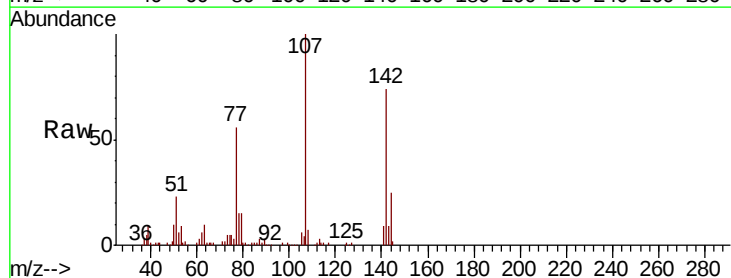
Tgt Ion:107 Resp: 100790

Ion Ratio Lower Upper

107 100

144 24.5 20.9 31.3

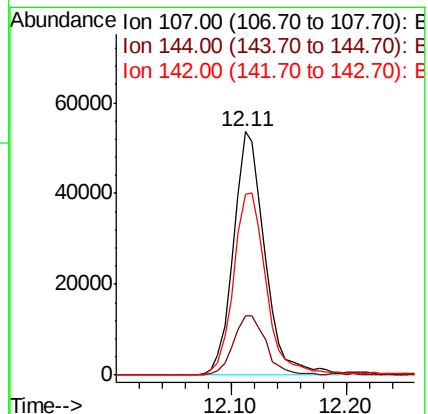
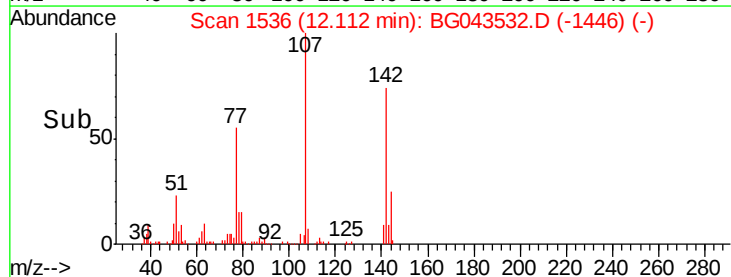
142 74.4 59.6 89.4

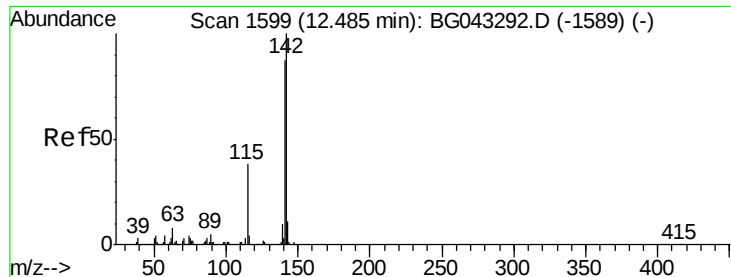


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

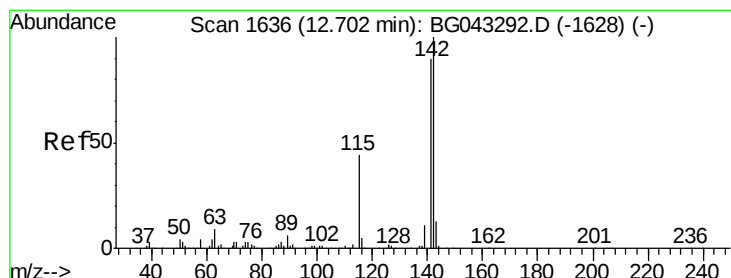
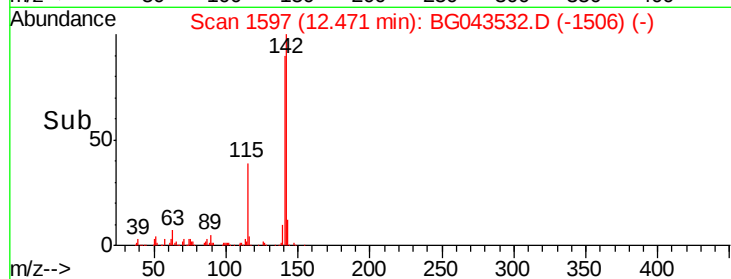
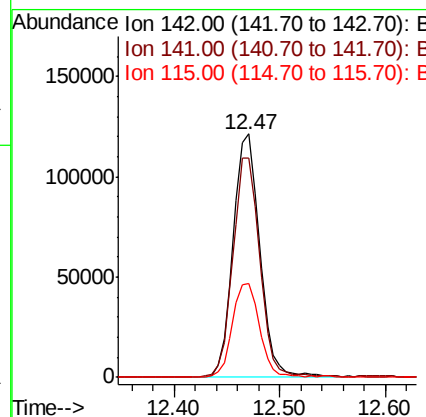
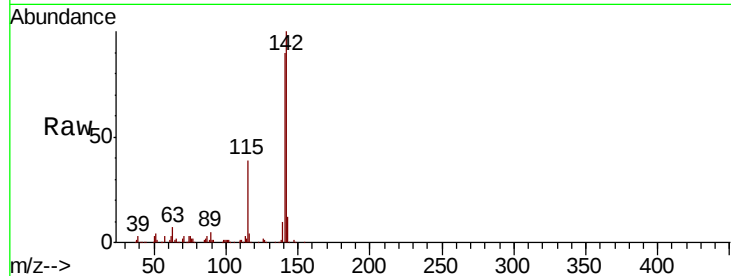




#37
2-Methylnaphthalene
Concen: 43.676 ng
RT: 12.47 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

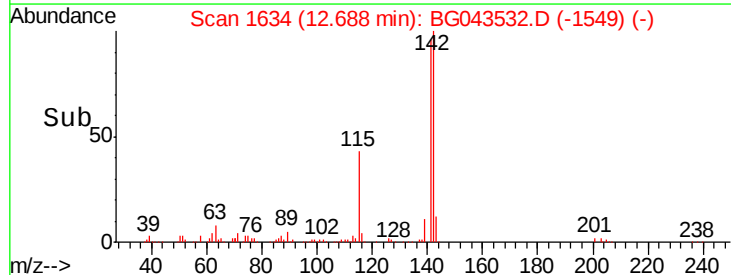
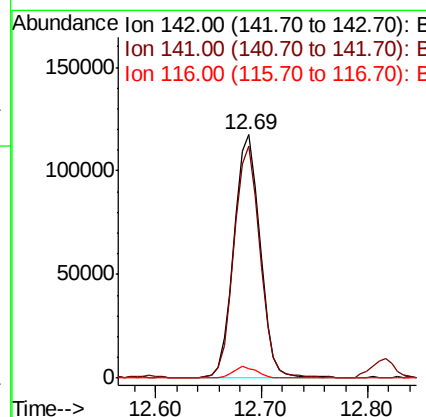
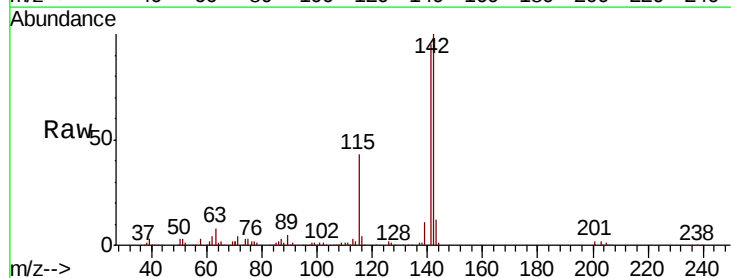
Instrument :
BNA_G
ClientSampleId :

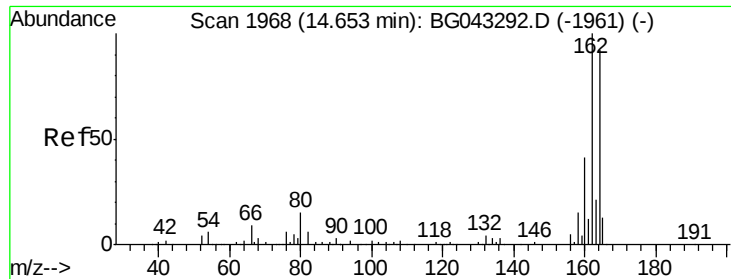
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.2	108.2
115	38.6	33.2	49.8



#38
1-Methylnaphthalene
Concen: 43.591 ng
RT: 12.69 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	73.2	109.8
116	3.9	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

Instrument :

BNA_G

ClientSampleId :

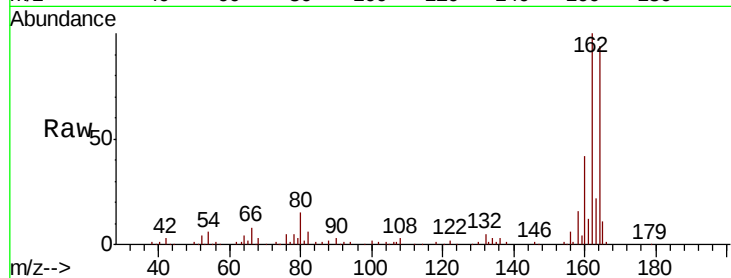
Tot Ion:164 Resp: 86648

Ion Ratio Lower Upper

164 100

162 106.3 83.5 125.3

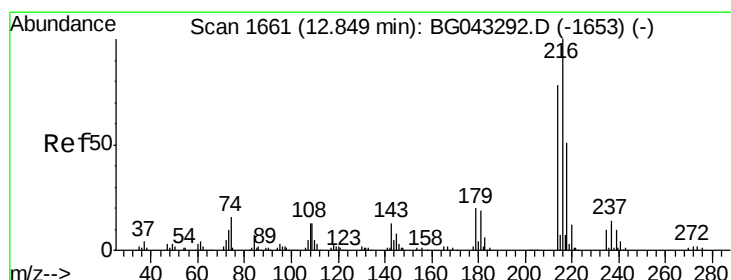
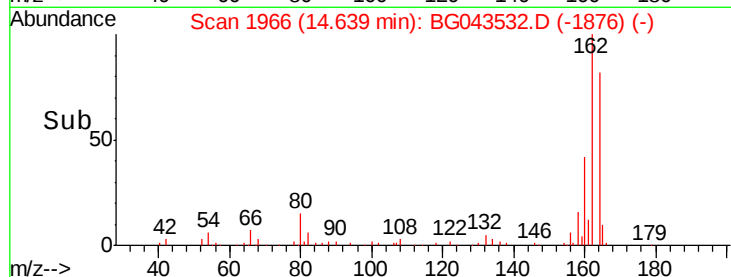
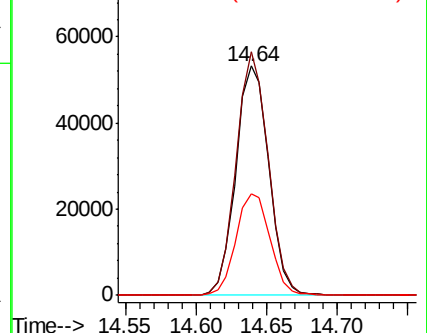
160 44.6 36.5 54.7



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: 41.989 ng

RT: 12.83 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

Tgt Ion:216 Resp: 134646

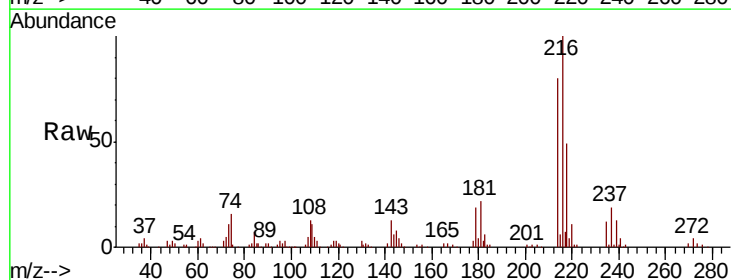
Ion Ratio Lower Upper

216 100

214 78.6 61.7 92.5

179 19.7 15.8 23.8

108 15.8 11.5 17.3

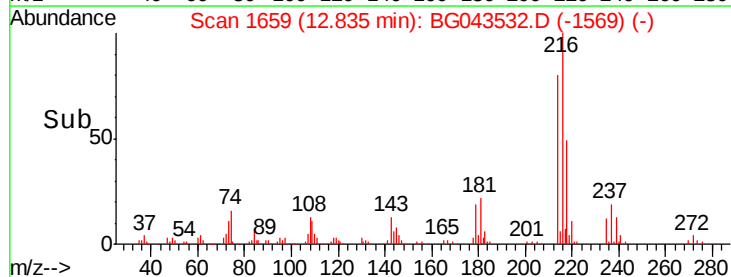
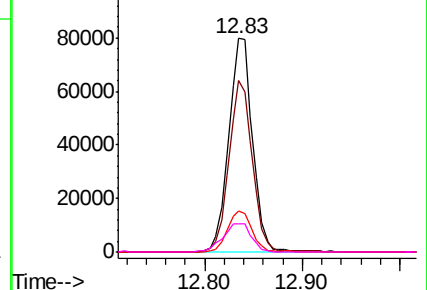


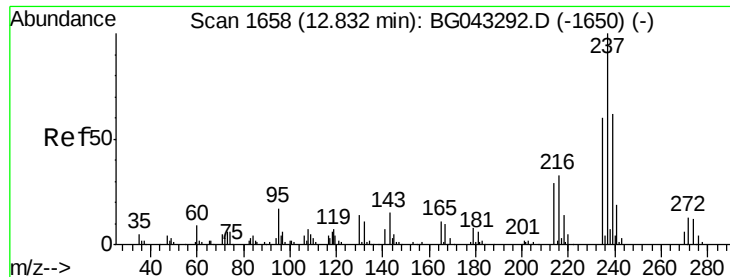
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.129 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

Instrument :

BNA_G

ClientSampleId :

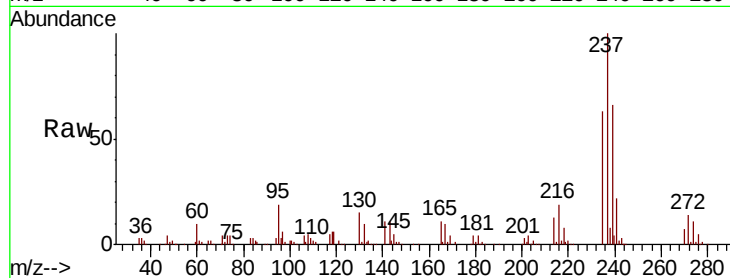
Tot Ion:237 Resp: 136662

Ion Ratio Lower Upper

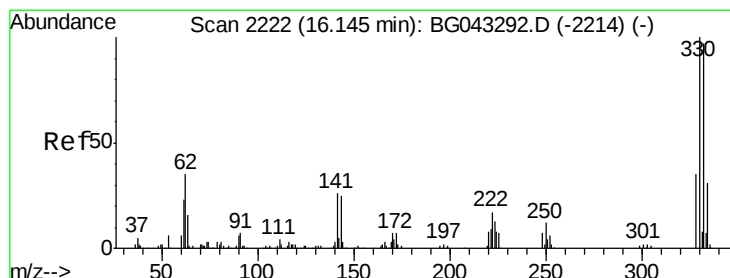
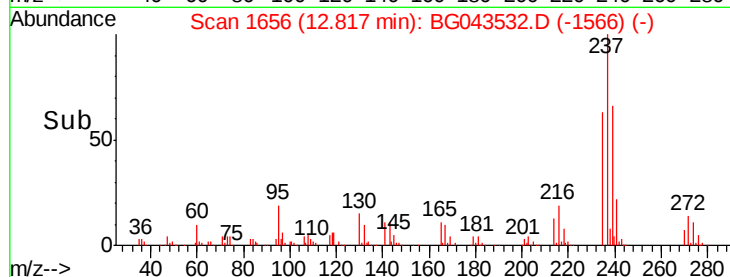
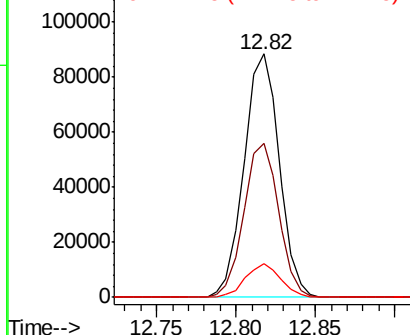
237 100

235 63.5 41.6 81.6

272 14.1 0.0 32.5



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



#42

2,4,6-Tribromophenol

Concen: 115.644 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

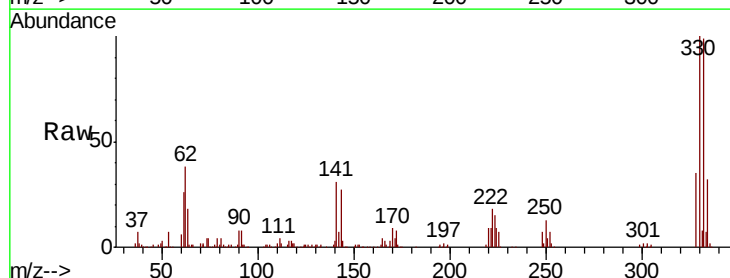
Tgt Ion:330 Resp: 190687

Ion Ratio Lower Upper

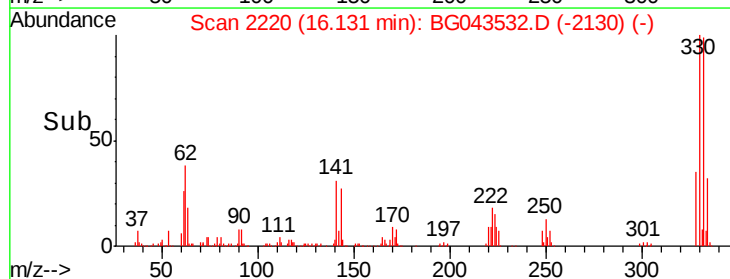
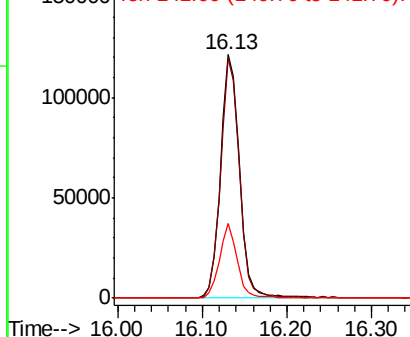
330 100

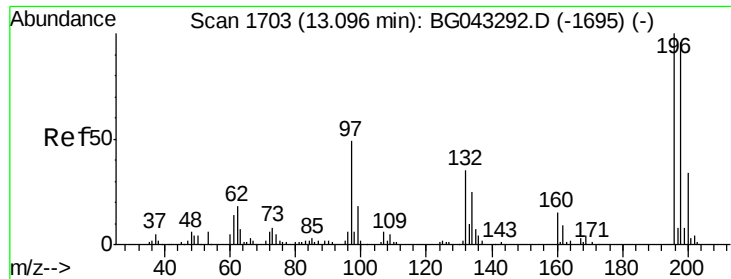
332 96.8 77.4 116.0

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

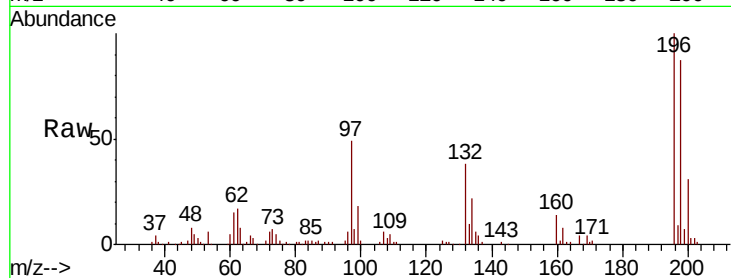




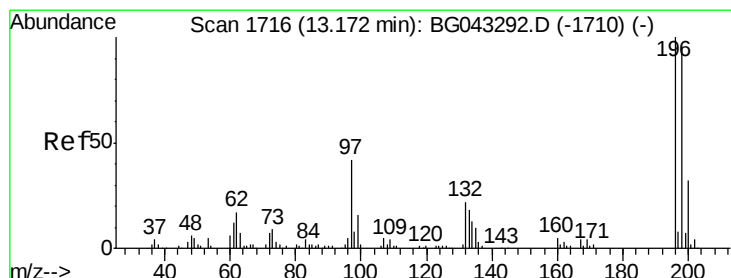
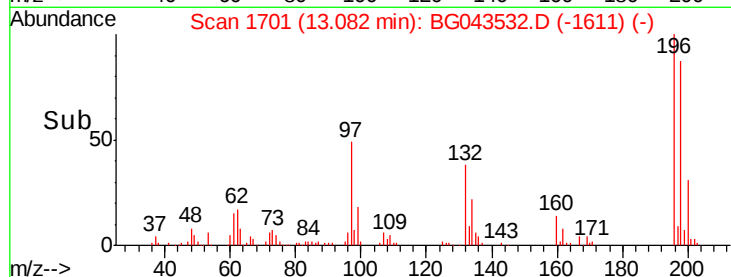
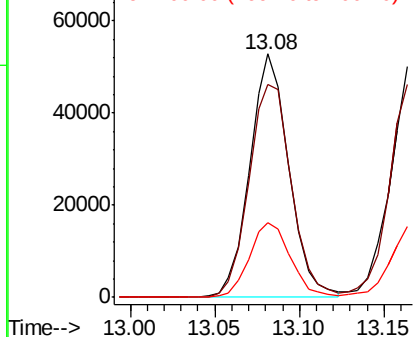
#43
 2,4,6-Trichlorophenol
 Concen: 44.995 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 84971
 Ion Ratio Lower Upper
 196 100
 198 87.4 75.8 113.6
 200 30.6 23.9 35.9

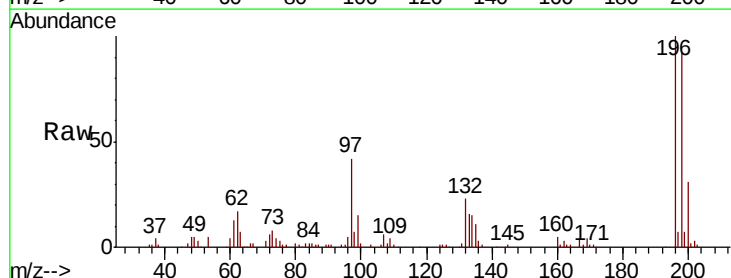


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

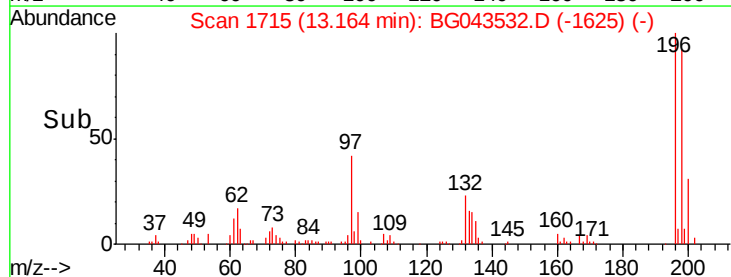
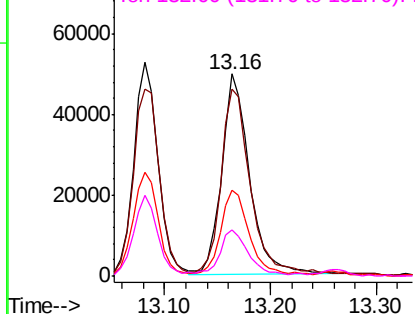


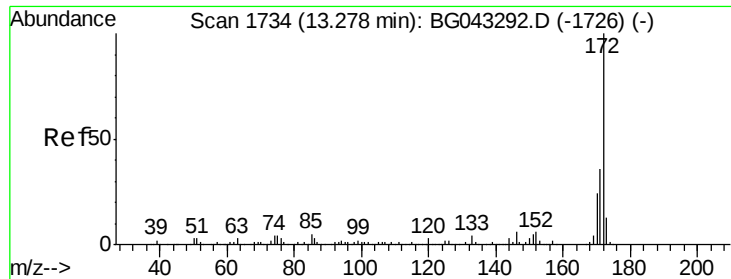
#44
 2,4,5-Trichlorophenol
 Concen: 48.026 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

Tgt Ion:196 Resp: 91691
 Ion Ratio Lower Upper
 196 100
 198 92.4 74.5 111.7
 97 42.4 36.3 54.5
 132 22.9 17.4 26.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

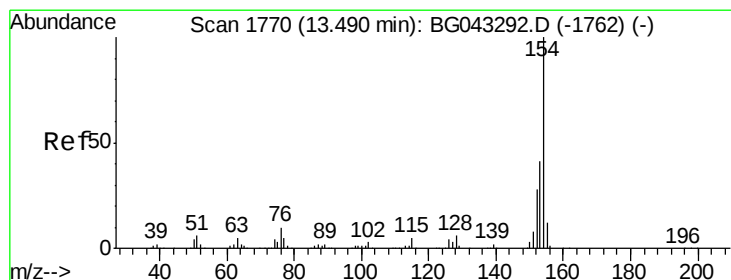
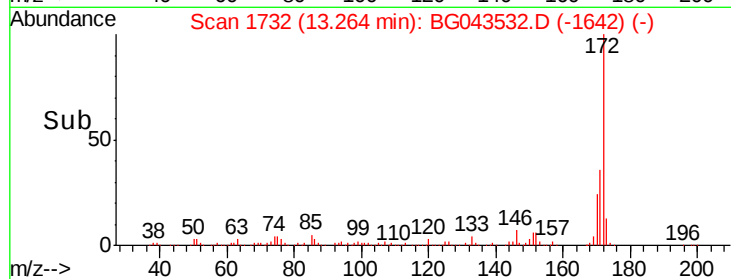
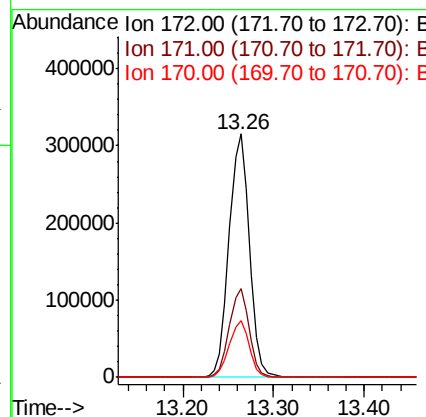
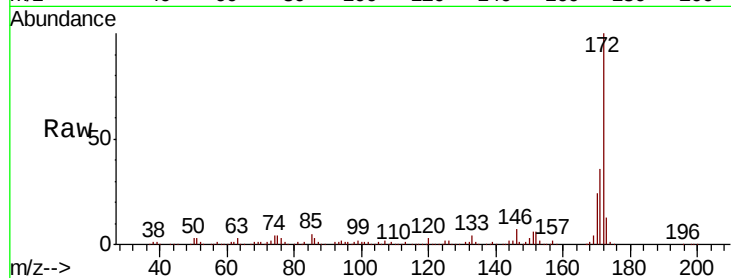




#45
 2-Fluorobiphenyl
 Concen: 78.477 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

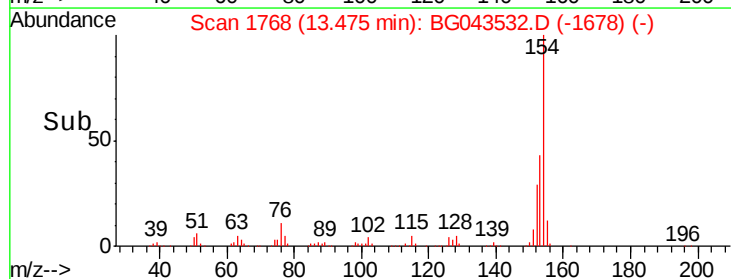
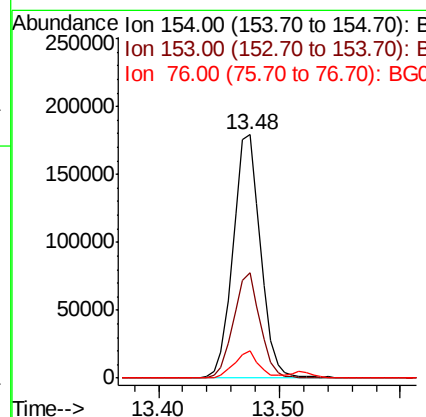
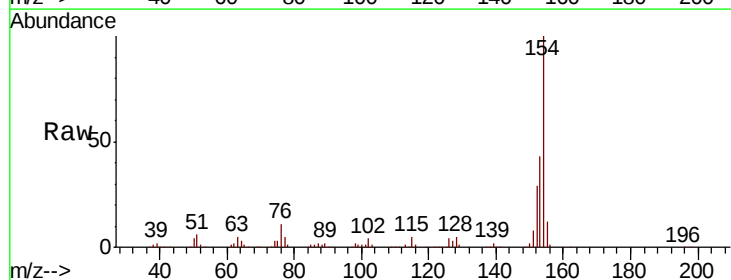
Instrument :
 BNA_G
 ClientSampleId :

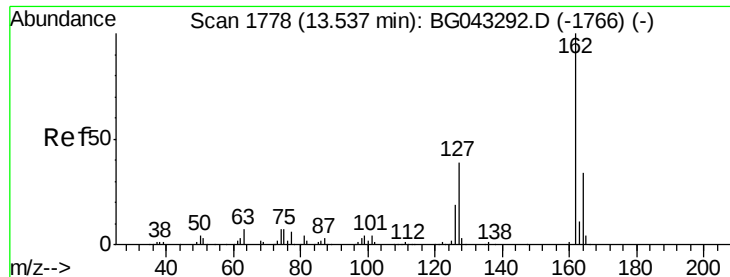
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	23.5	18.5	27.7



#46
 1,1'-Biphenyl
 Concen: 43.077 ng
 RT: 13.48 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	19.9	59.9
76	11.2	0.0	29.4





#47

2-Chloronaphthalene

Concen: 43.504 ng

RT: 13.52 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

Instrument :

BNA_G

ClientSampleId :

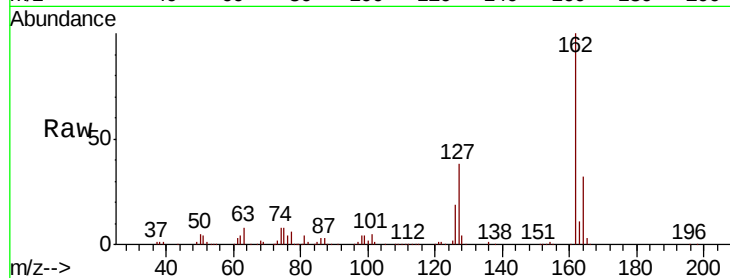
Tot Ion:162 Resp: 218191

Ion Ratio Lower Upper

162 100

127 37.9 31.2 46.8

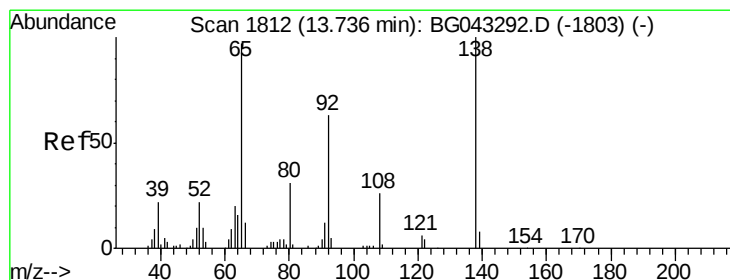
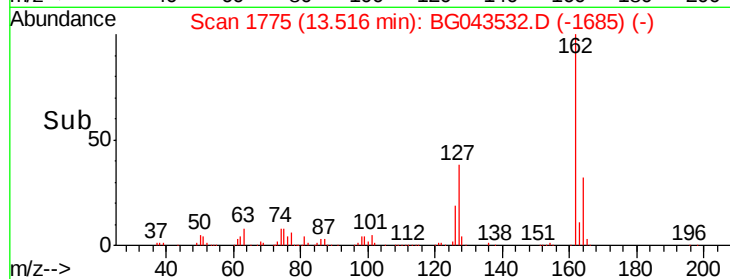
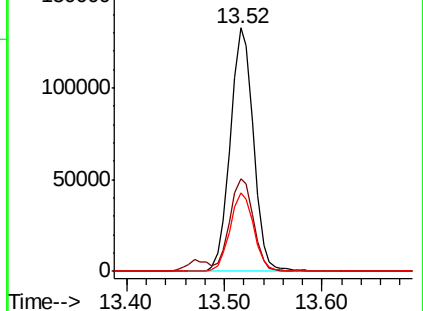
164 32.3 25.8 38.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.030 ng

RT: 13.73 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

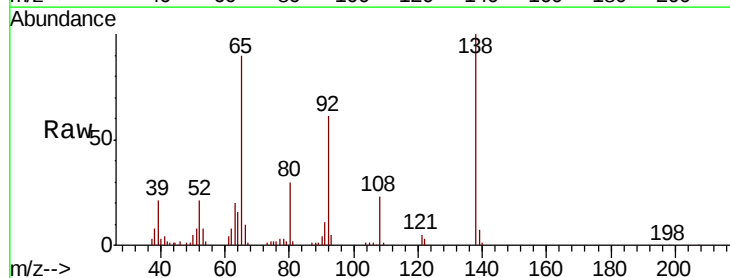
Tgt Ion: 65 Resp: 66001

Ion Ratio Lower Upper

65 100

92 68.2 56.2 84.2

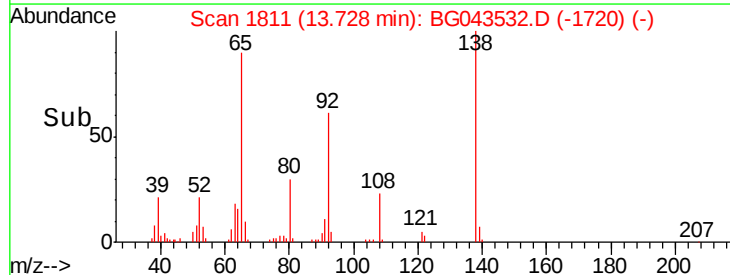
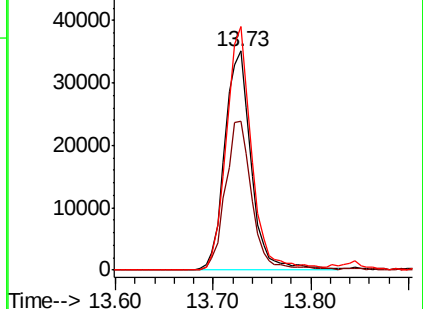
138 111.3 82.6 123.8

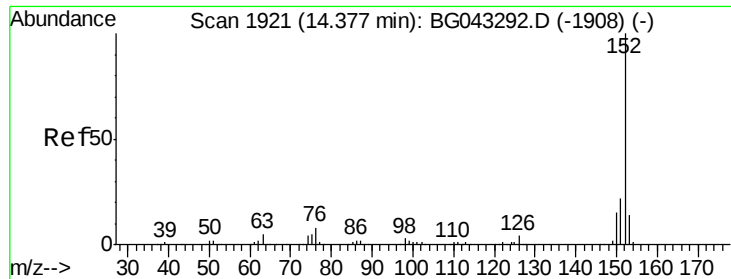


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.269 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

Instrument :

BNA_G

ClientSampleId :

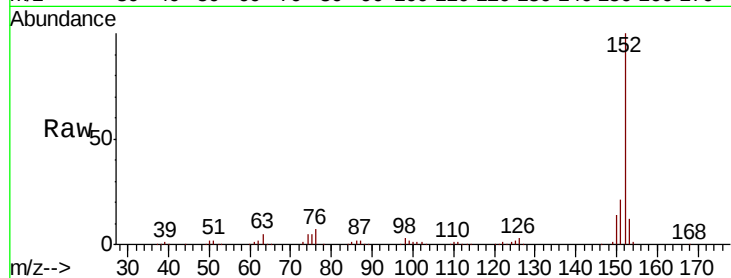
Tot Ion:152 Resp: 361169

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

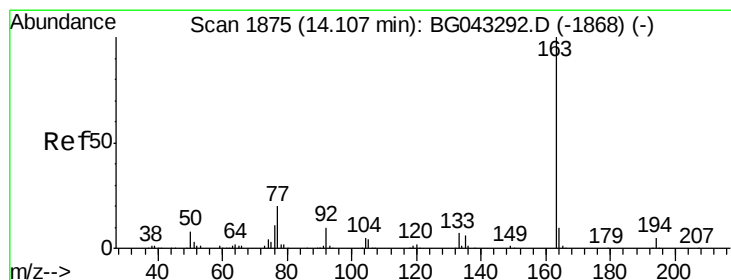
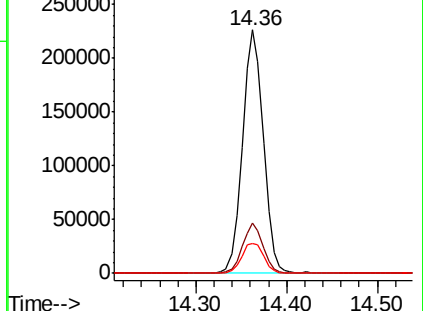
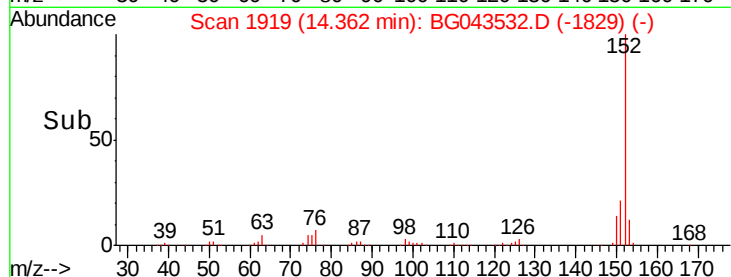
153 12.4 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.954 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

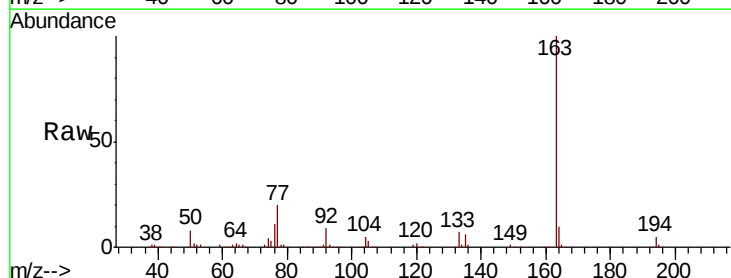
Tgt Ion:163 Resp: 362112

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.6

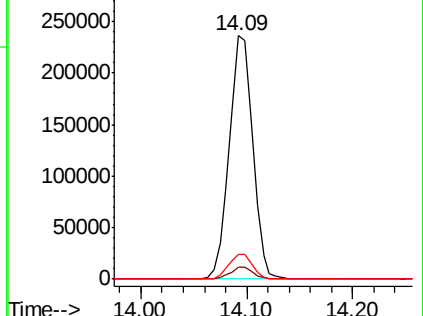
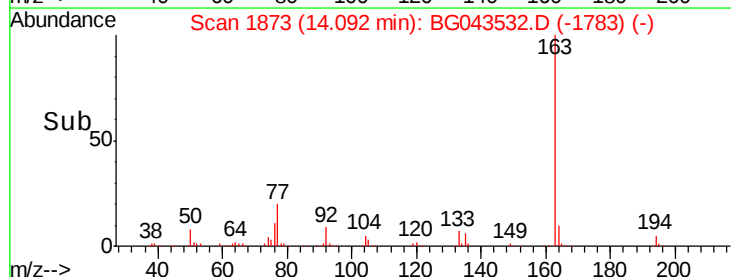
164 10.3 8.9 13.3

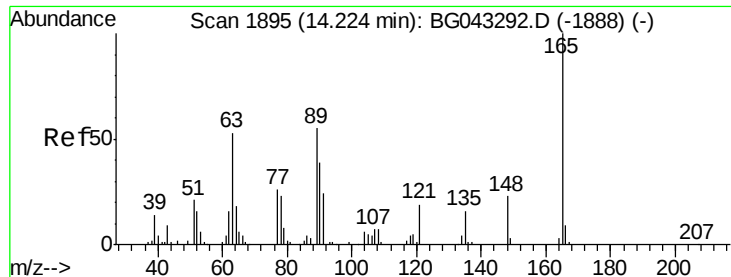


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.998 ng

RT: 14.22 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

Instrument :

BNA_G

ClientSampled :

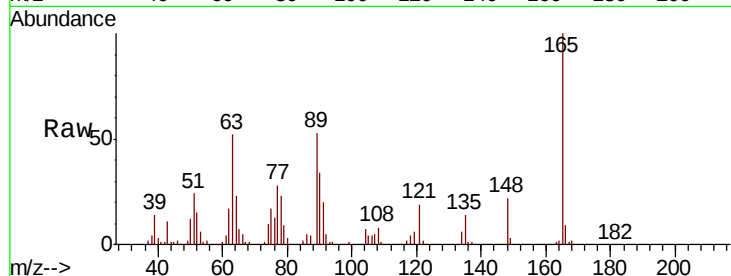
Tot Ion:165 Resp: 65610

Ion Ratio Lower Upper

165 100

63 52.3 46.6 69.8

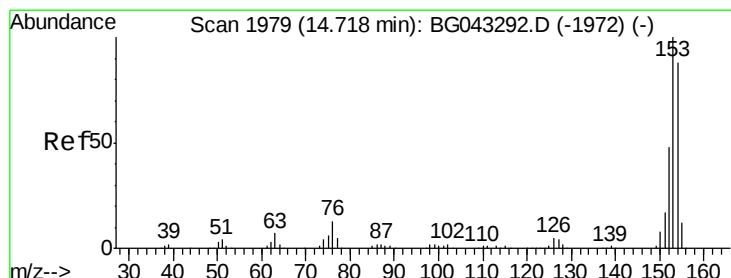
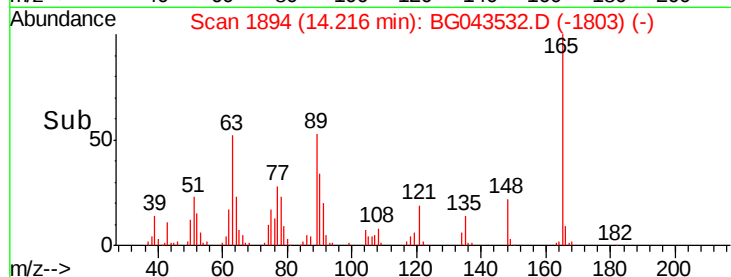
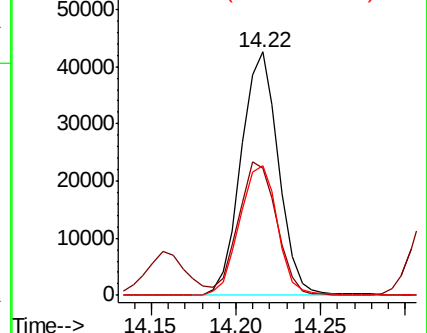
89 53.3 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 44.778 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

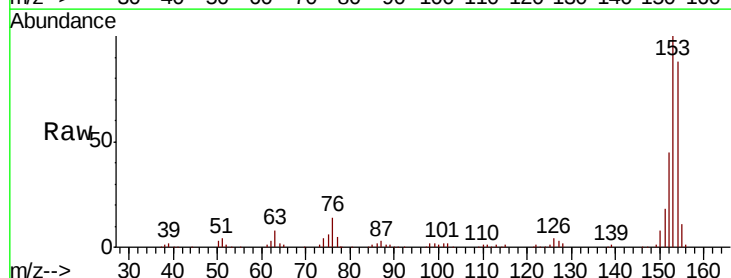
Tgt Ion:154 Resp: 213154

Ion Ratio Lower Upper

154 100

153 113.2 88.2 132.2

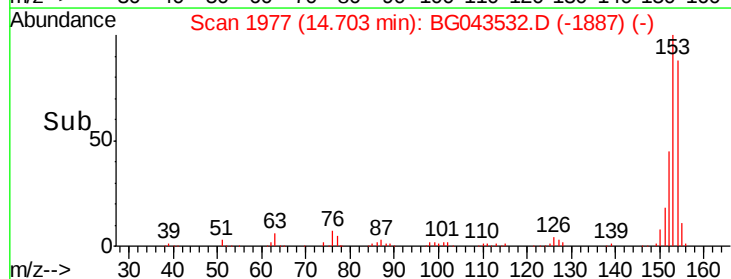
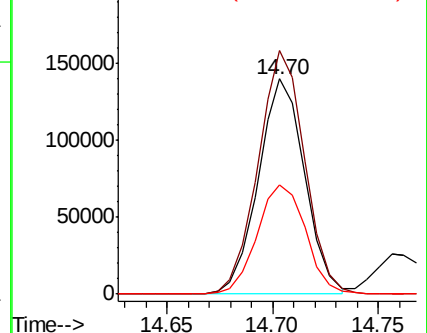
152 50.9 40.0 60.0

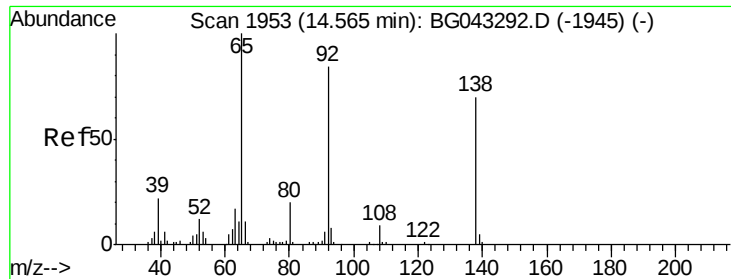


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

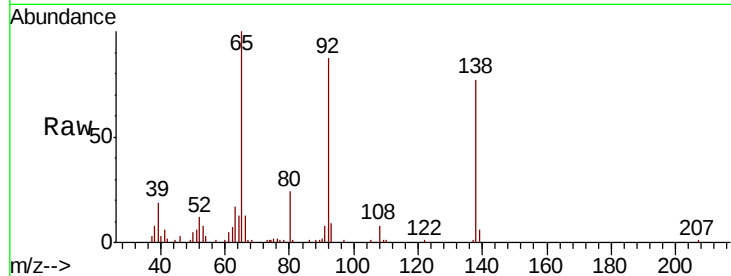




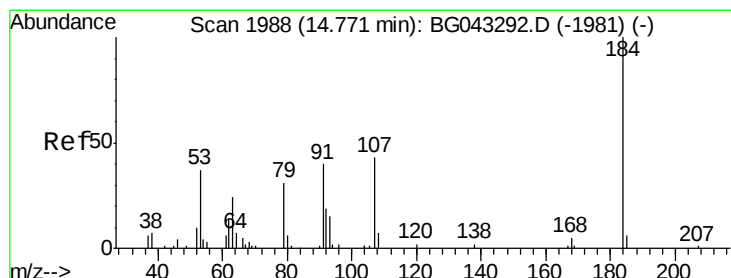
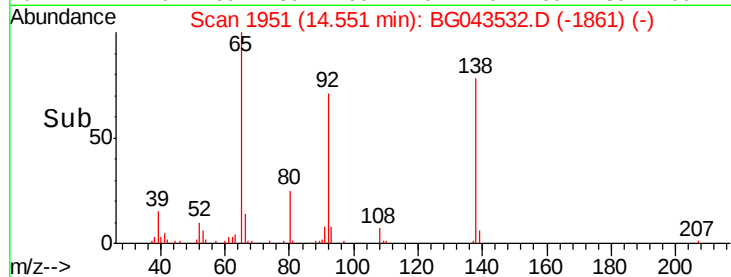
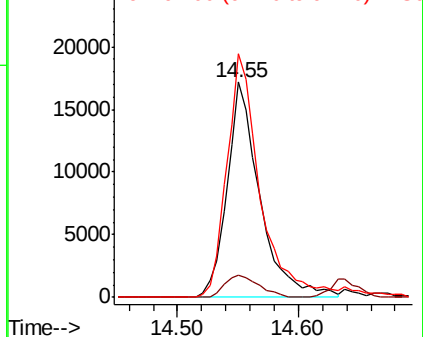
#53
 3-Nitroaniline
 Concen: 23.019 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:138 Resp: 32405
 Ion Ratio Lower Upper
 138 100
 108 10.2 8.0 12.0
 92 113.2 90.9 136.3

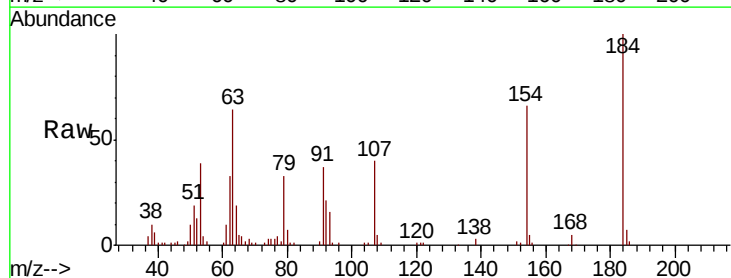


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

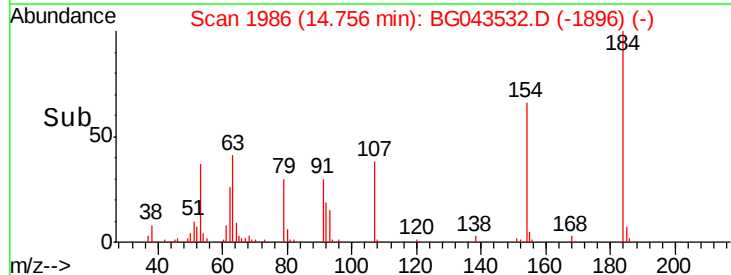
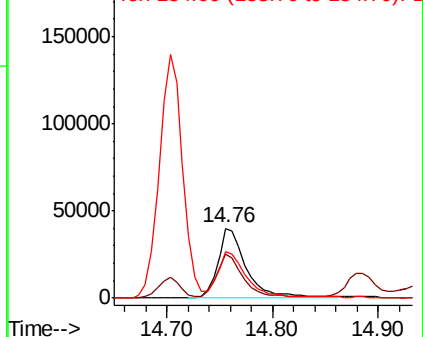


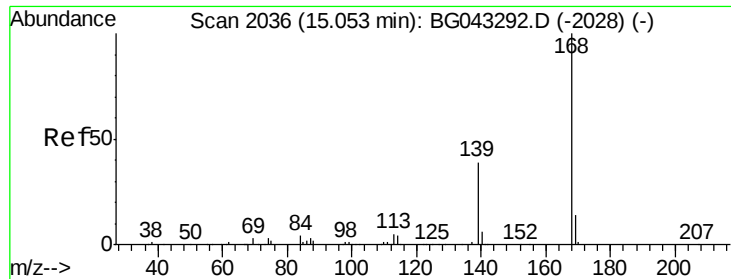
#54
 2,4-Dinitrophenol
 Concen: 82.154 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

Tgt Ion:184 Resp: 74996
 Ion Ratio Lower Upper
 184 100
 63 63.6 51.3 76.9
 154 66.2 55.4 83.0



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 45.060 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

Instrument :

BNA_G

ClientSampleId :

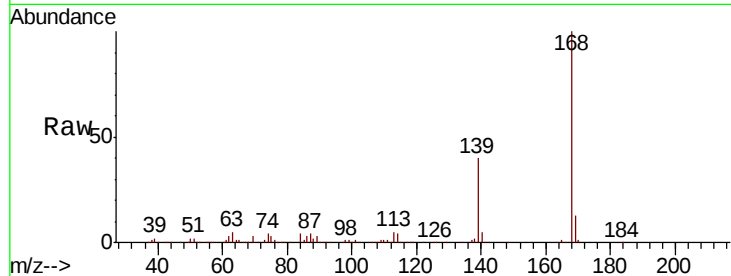
Tot Ion:168 Resp: 347839

Ion Ratio Lower Upper

168 100

139 39.9 31.0 46.6

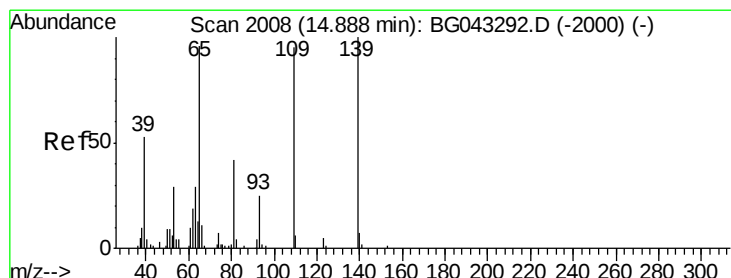
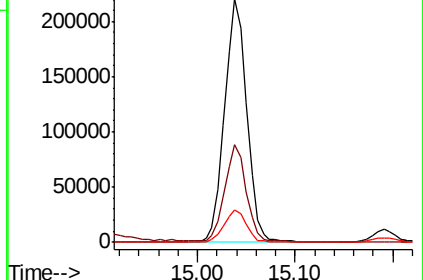
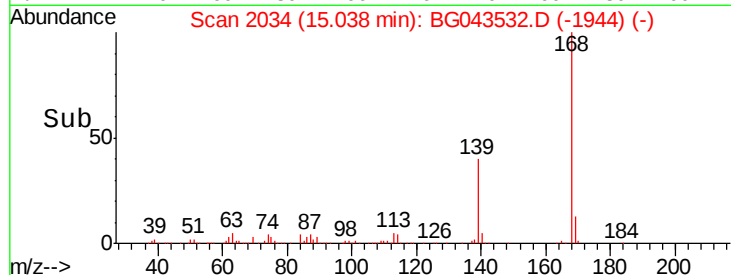
169 13.4 11.7 17.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 98.746 ng

RT: 14.89 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

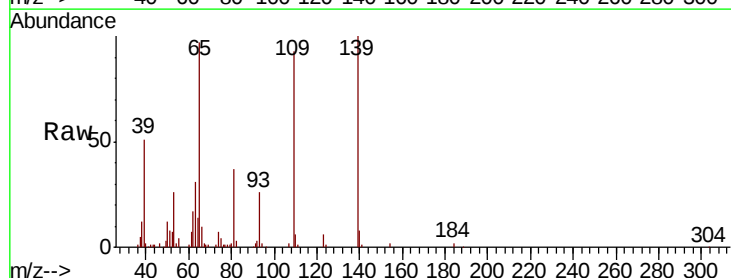
Tgt Ion:139 Resp: 93153

Ion Ratio Lower Upper

139 100

109 93.0 87.2 127.2

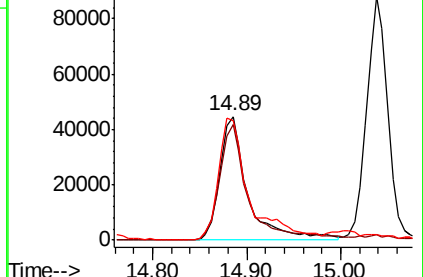
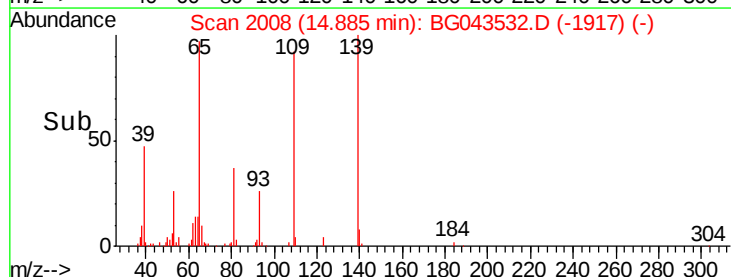
65 96.8 83.8 123.8

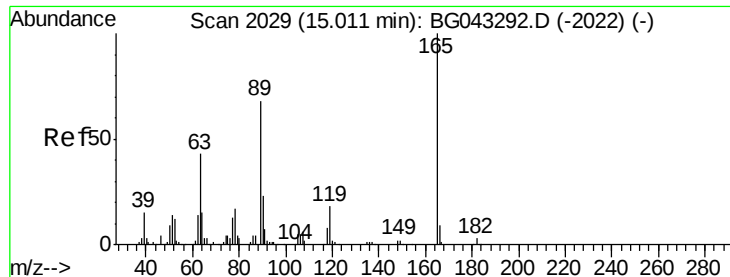


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

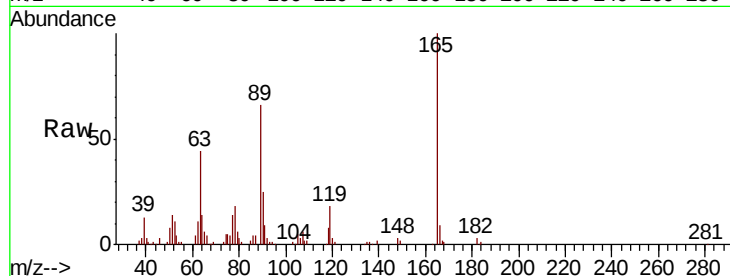




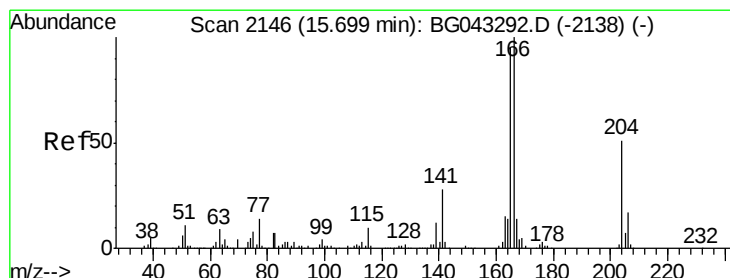
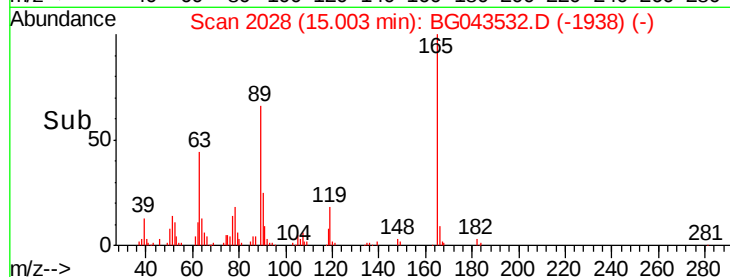
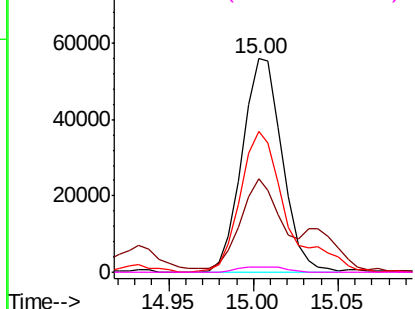
#57
2,4-Dinitrotoluene
Concen: 44.334 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 92381
Ion Ratio Lower Upper
165 100
63 43.9 33.2 49.8
89 66.1 52.2 78.4
182 2.6 2.0 3.0

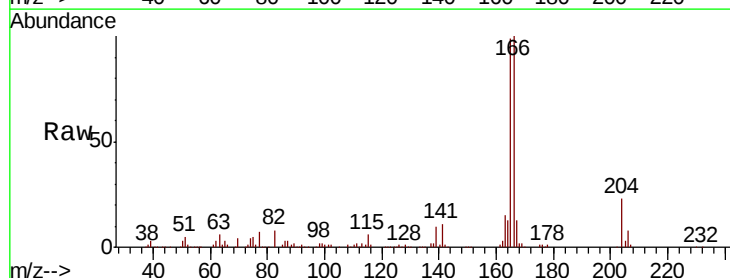


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

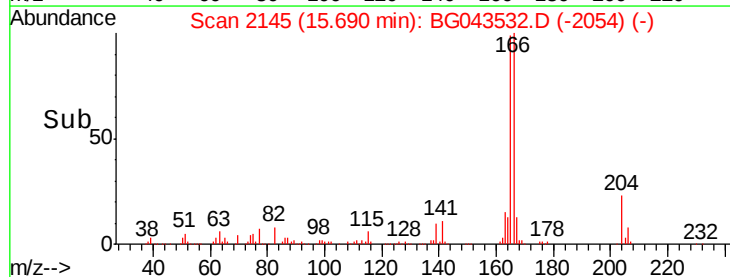
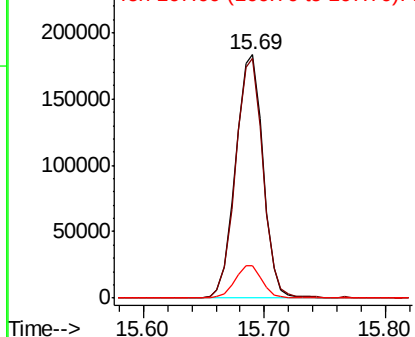


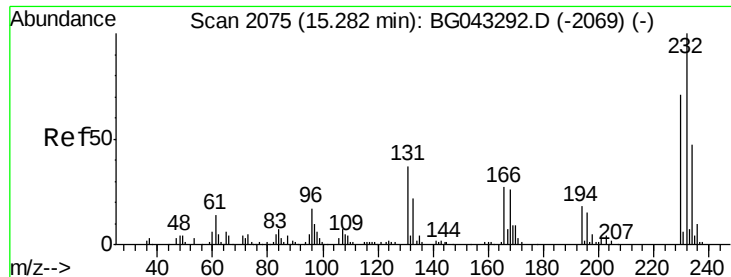
#58
Fluorene
Concen: 44.958 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

Tgt Ion:166 Resp: 291077
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.6
167 13.4 10.5 15.7



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

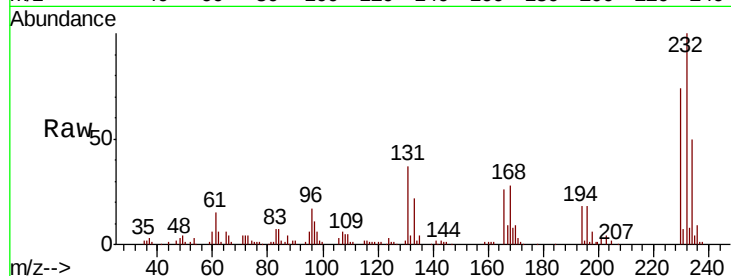




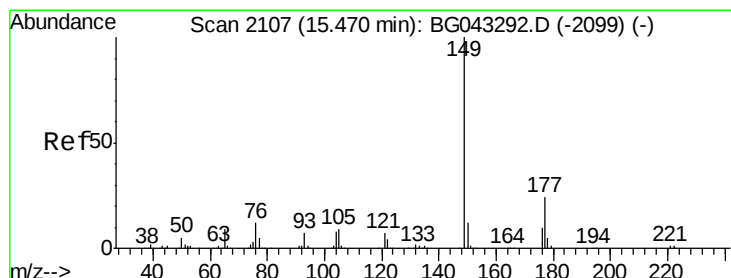
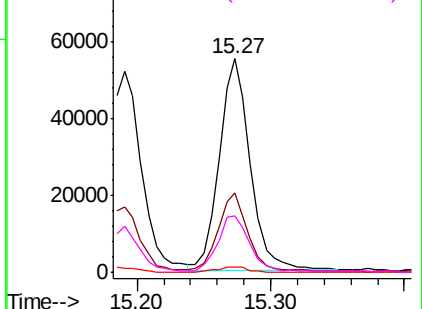
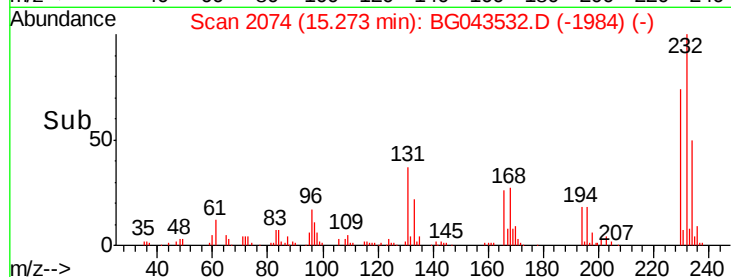
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.167 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	89590
Ion	Ratio	Lower	Upper
232	100		
131	36.7	26.9	40.3
130	2.4	1.8	2.6
166	27.5	20.9	31.3

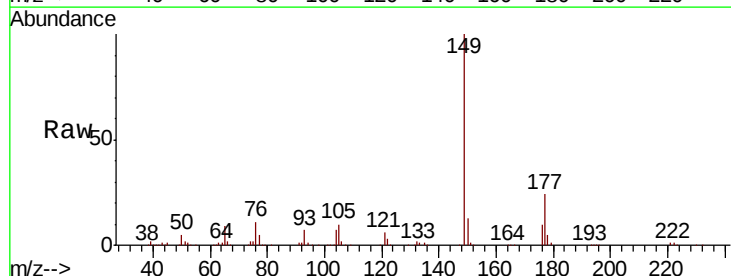


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

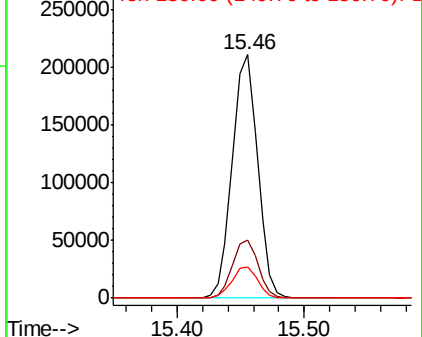
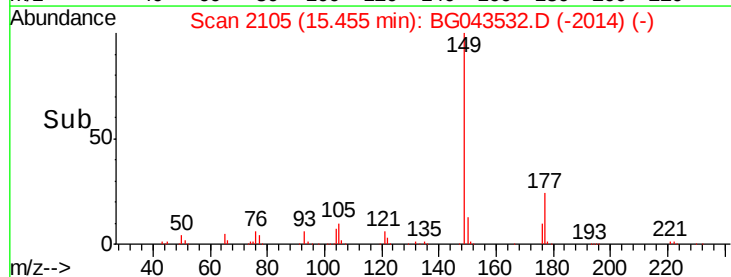


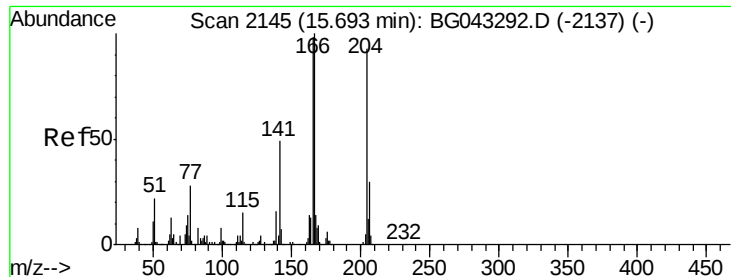
#60
 Diethylphthalate
 Concen: 43.306 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

Tgt Ion:	149	Resp:	292037
Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.6	29.4
150	13.0	10.8	16.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

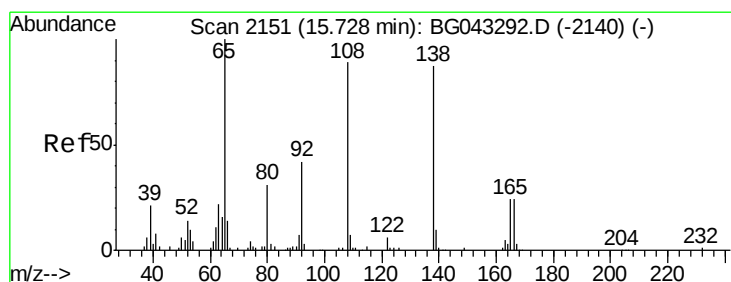
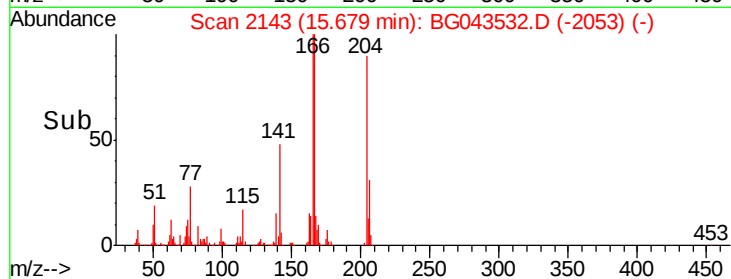
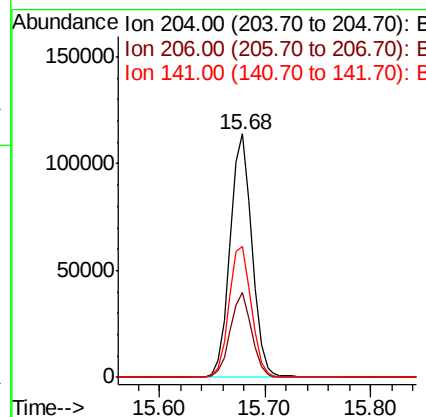
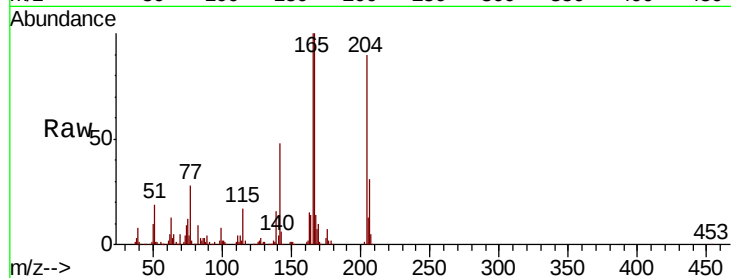




#61
 4-Chlorophenyl-phenylether
 Concen: 43.037 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

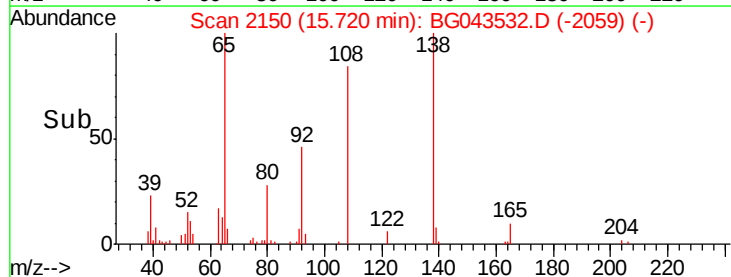
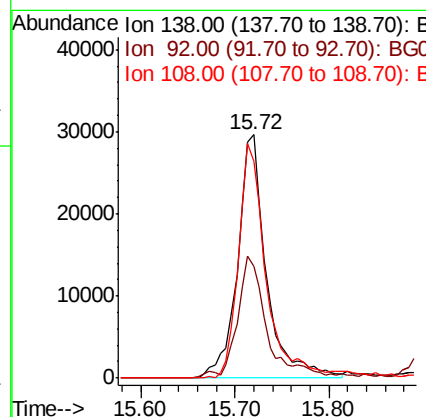
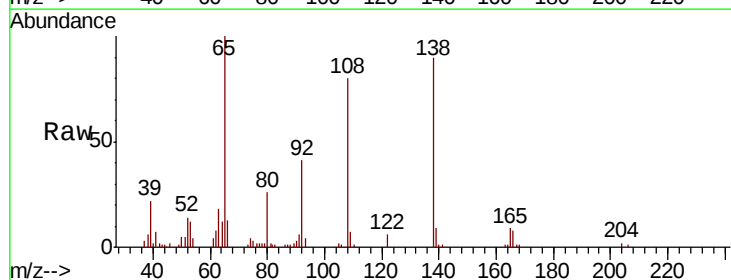
Instrument :
 BNA_G
 ClientSampleId :

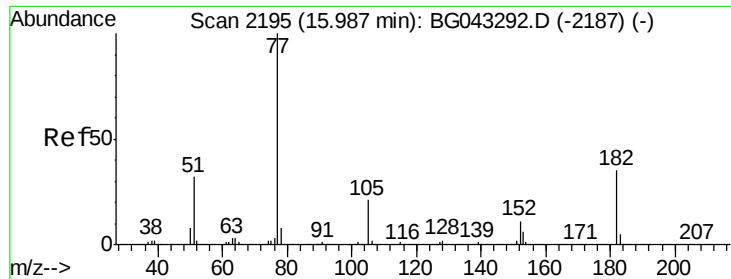
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	28.4	42.6
141	53.7	43.0	64.6



#62
 4-Nitroaniline
 Concen: 43.378 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.1	33.4	73.4
108	89.0	78.0	118.0

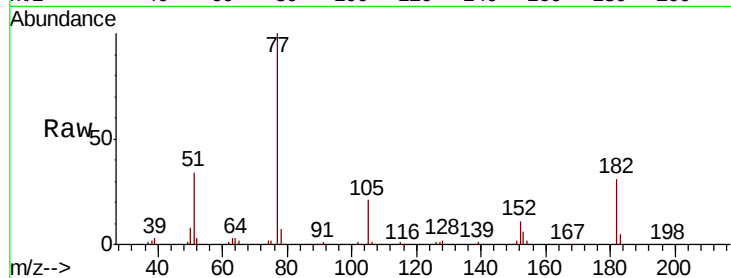




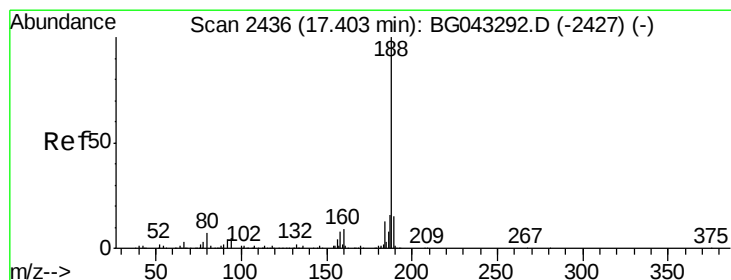
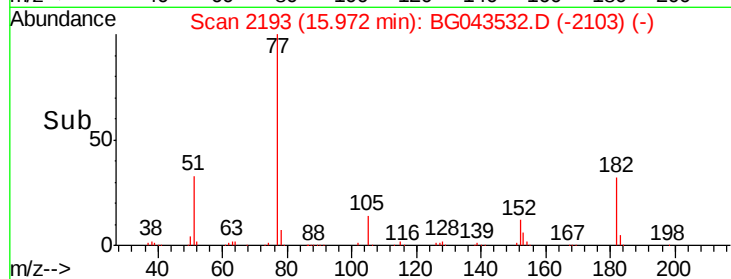
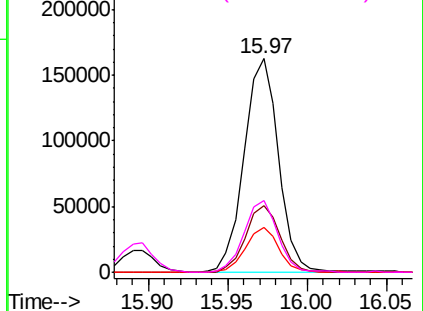
#63
Azobenzene
Concen: 44.735 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:	77	Resp:	244152
Ion	Ratio	Lower	Upper
77	100		
182	30.9	13.7	53.7
105	20.9	0.4	40.4
51	33.6	11.0	51.0

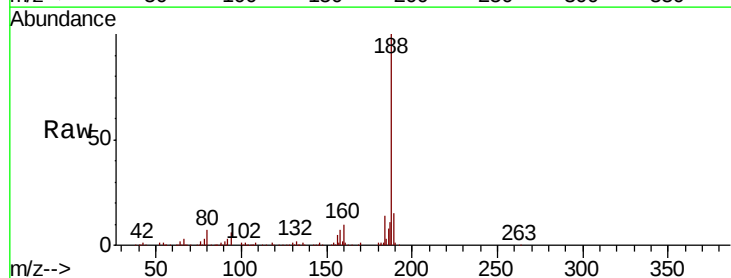


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

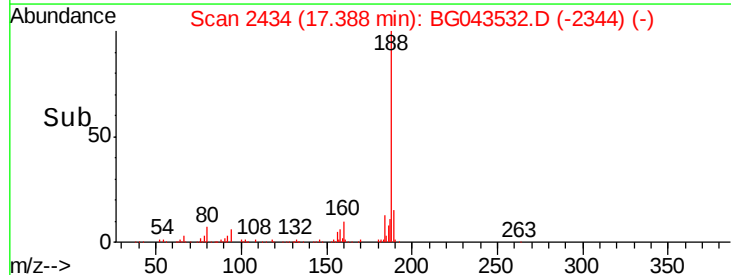
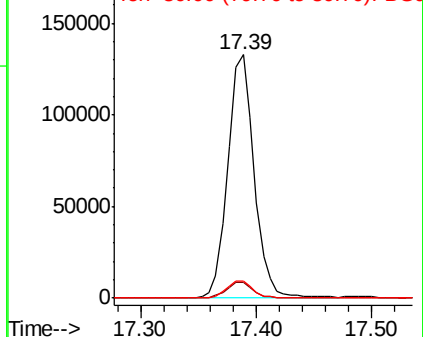


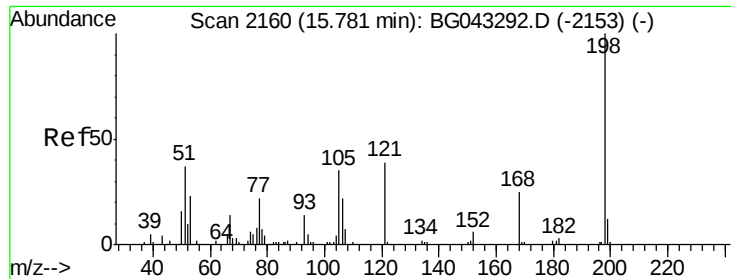
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

Tgt Ion:	188	Resp:	210432
Ion	Ratio	Lower	Upper
188	100		
94	6.4	4.2	6.4#
80	7.1	4.5	6.7#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

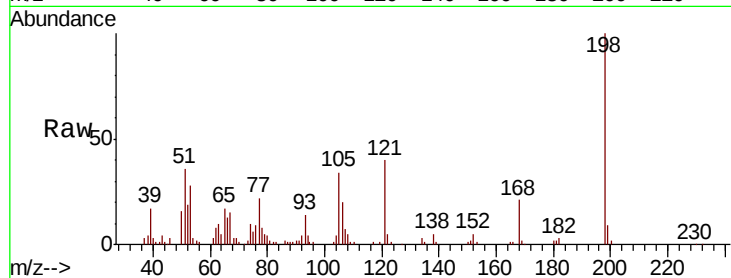




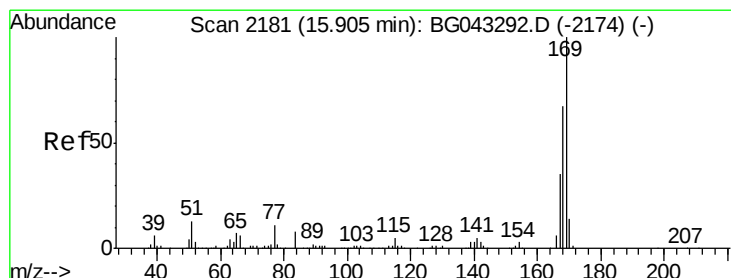
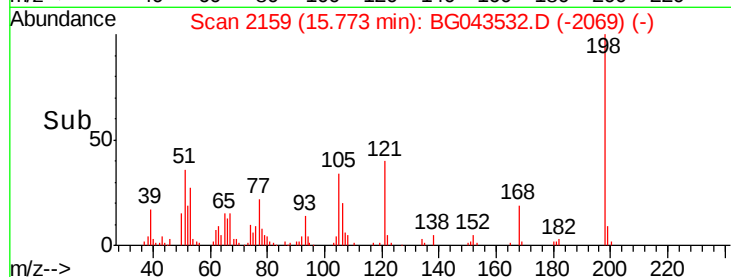
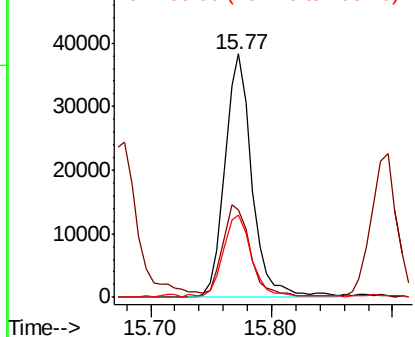
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.221 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.0	13.2	53.2
105	33.6	15.8	55.8

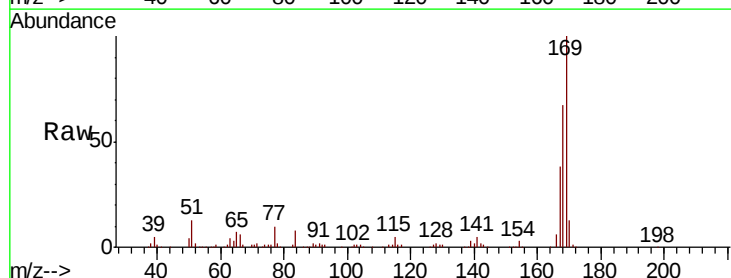


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

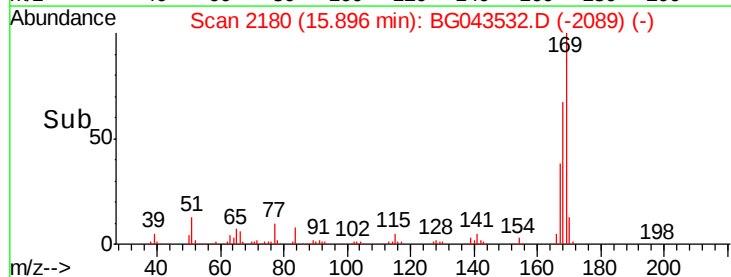
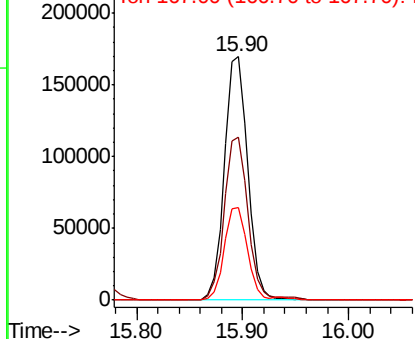


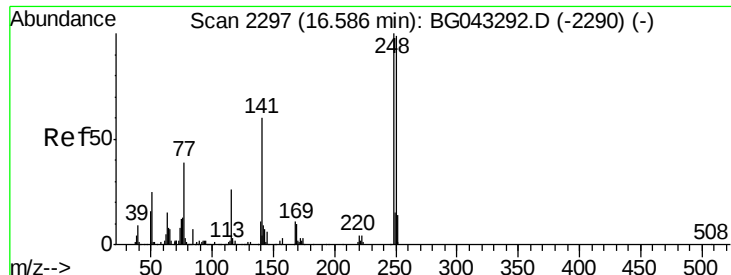
#66
 n-Nitrosodiphenylamine
 Concen: 43.517 ng
 RT: 15.90 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.8	80.6
167	37.8	27.5	41.3



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

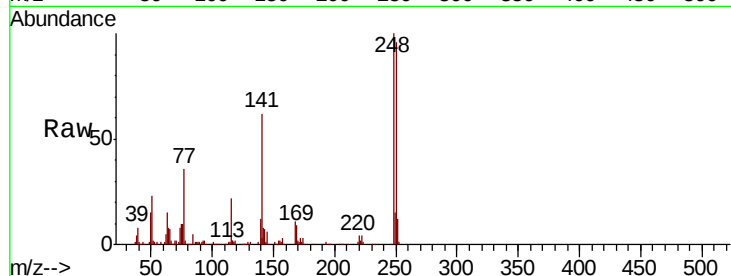




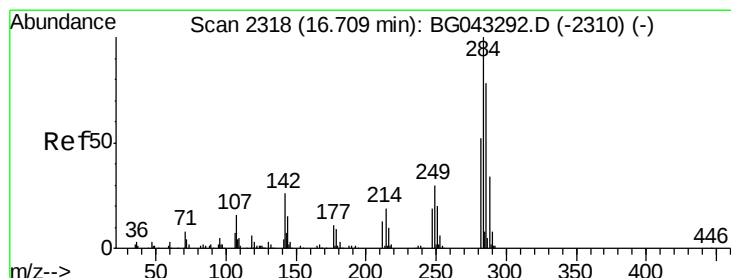
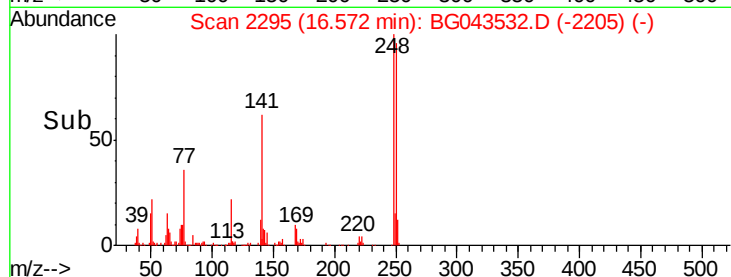
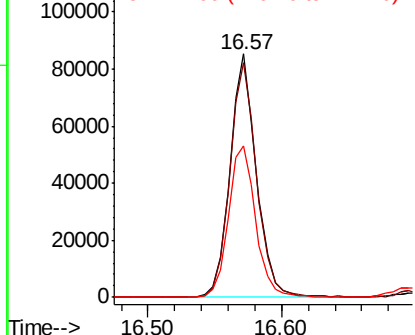
#67
4-Bromophenyl-phenylether
Concen: 41.427 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 117320
Ion Ratio Lower Upper
248 100
250 96.1 77.0 115.4
141 62.2 47.5 71.3

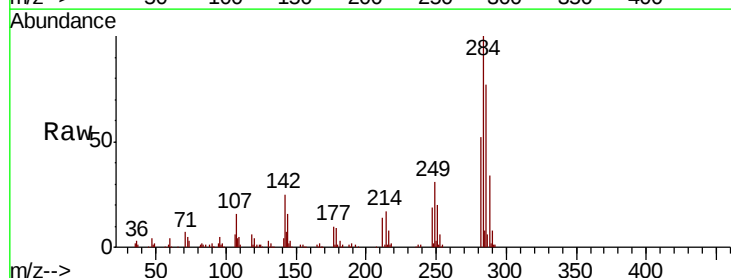


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

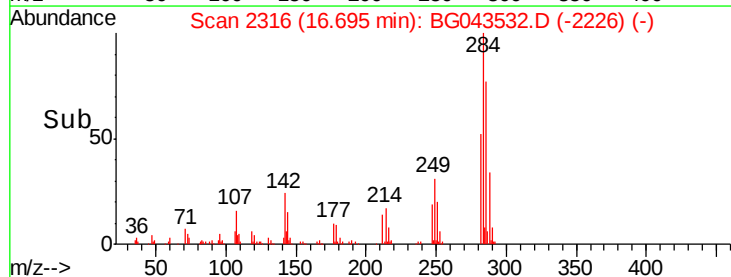
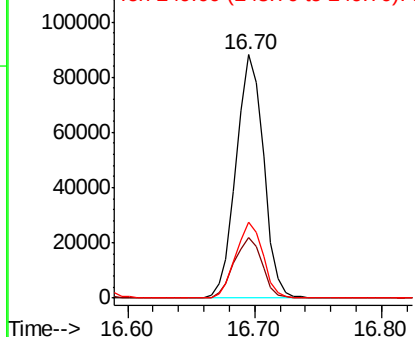


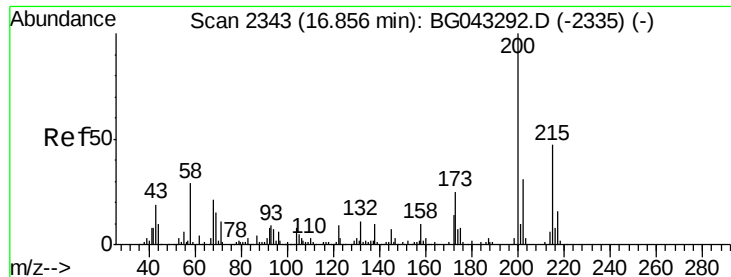
#68
Hexachlorobenzene
Concen: 40.662 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

Tgt Ion:284 Resp: 132179
Ion Ratio Lower Upper
284 100
142 24.7 19.8 29.8
249 31.3 23.8 35.6



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

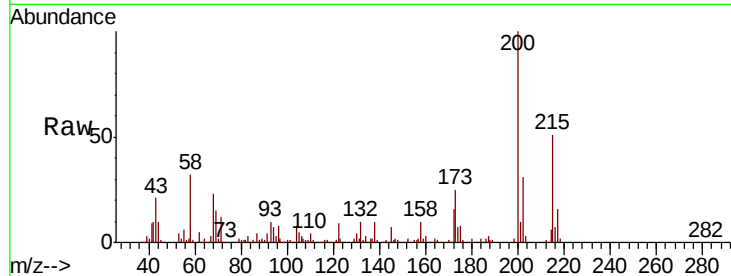




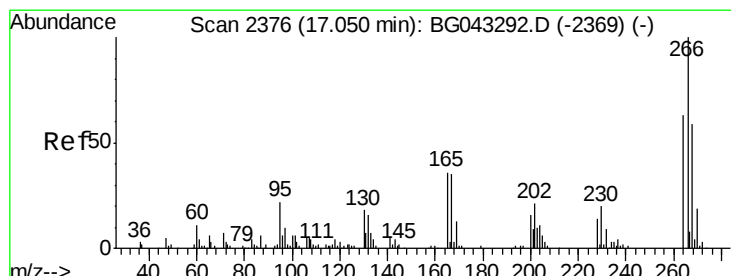
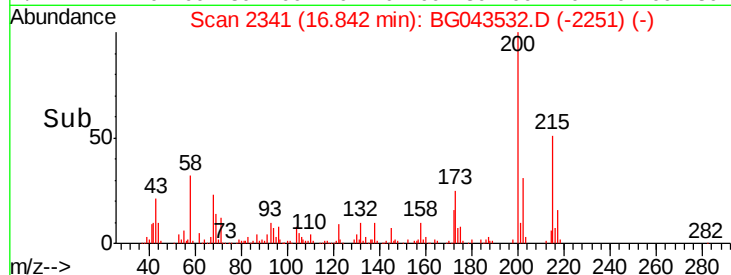
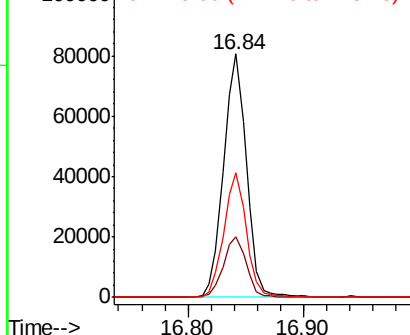
#69
 Atrazine
 Concen: 53.854 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:200 Resp: 111175
 Ion Ratio Lower Upper
 200 100
 173 24.8 4.7 44.7
 215 51.1 28.5 68.5

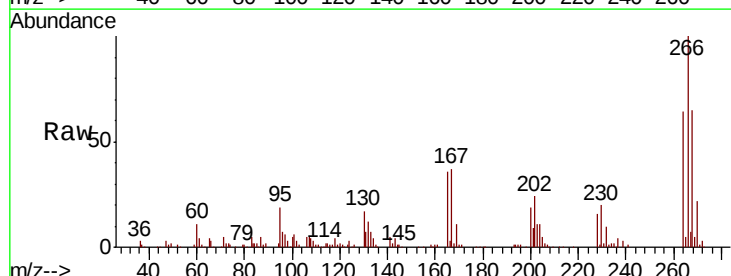


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

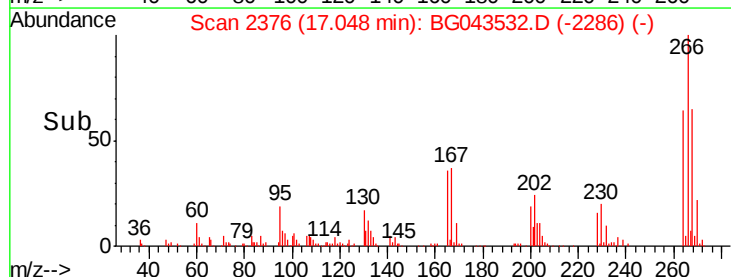
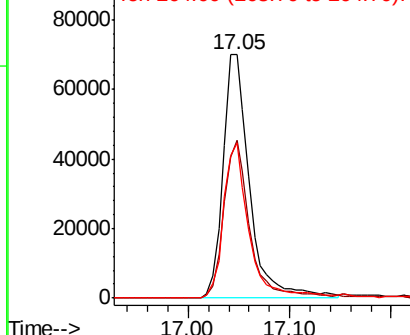


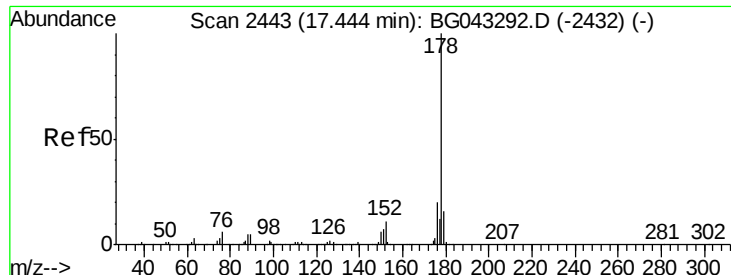
#70
 Pentachlorophenol
 Concen: 86.264 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BG043532.D
 Acq: 6 Nov 2019 22:44

Tgt Ion:266 Resp: 127777
 Ion Ratio Lower Upper
 266 100
 268 64.9 50.4 75.6
 264 63.8 48.9 73.3



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

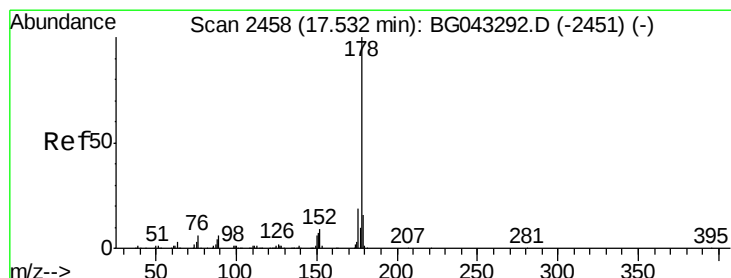
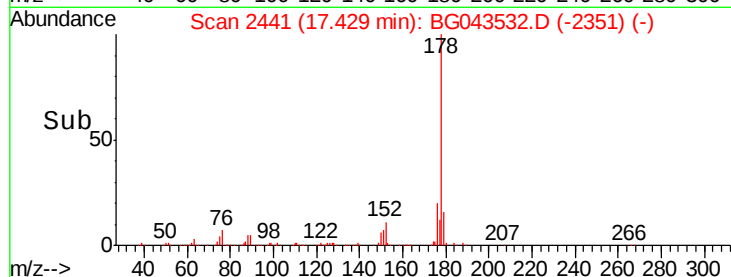
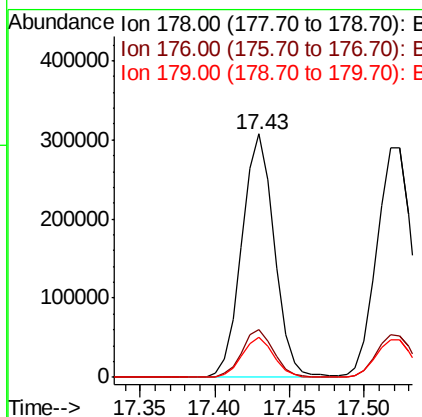
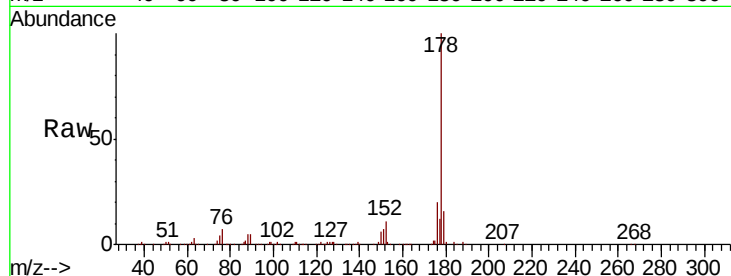




#71
Phenanthrene
Concen: 43.148 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

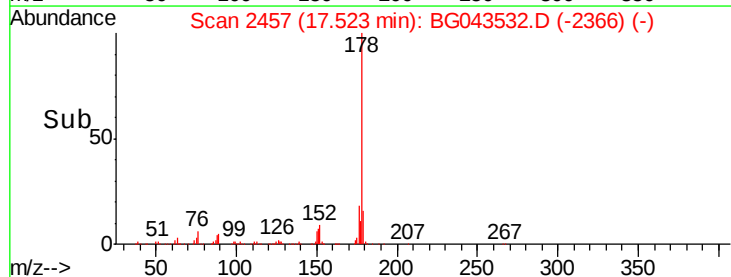
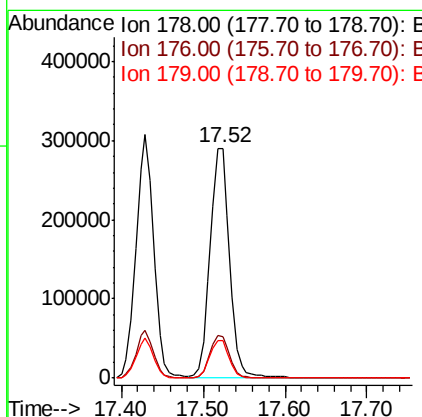
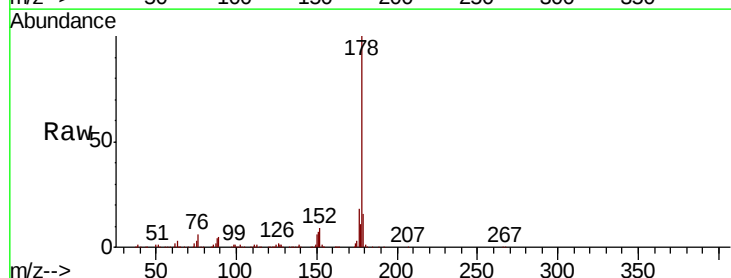
Instrument :
BNA_G
ClientSampleId :

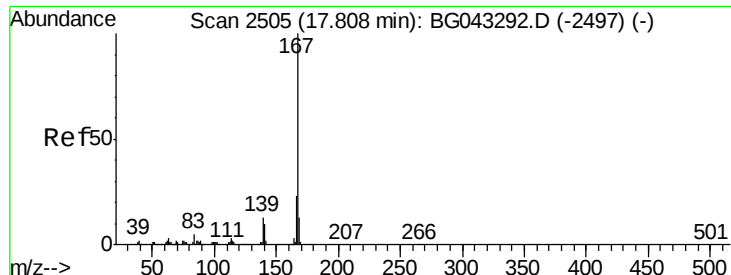
Tot Ion:178 Resp: 464949
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 16.4 13.0 19.6



#72
Anthracene
Concen: 44.846 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

Tgt Ion:178 Resp: 483502
Ion Ratio Lower Upper
178 100
176 17.9 15.5 23.3
179 16.3 13.7 20.5





#73

Carbazole

Concen: 44.463 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

Instrument :

BNA_G

ClientSampleId :

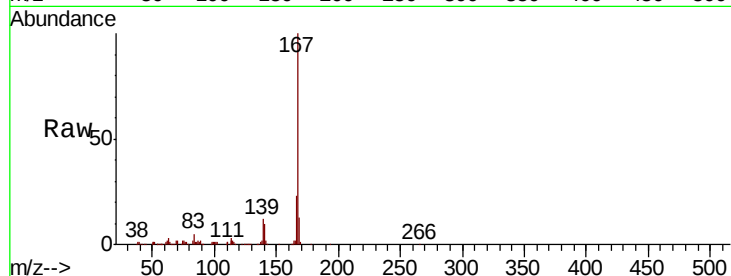
Tot Ion:167 Resp: 434104

Ion Ratio Lower Upper

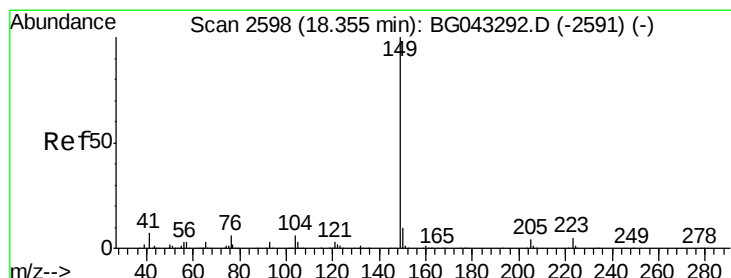
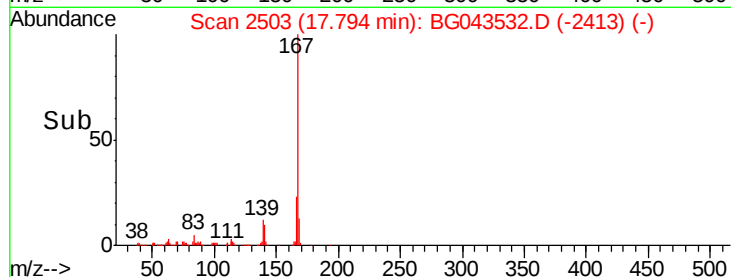
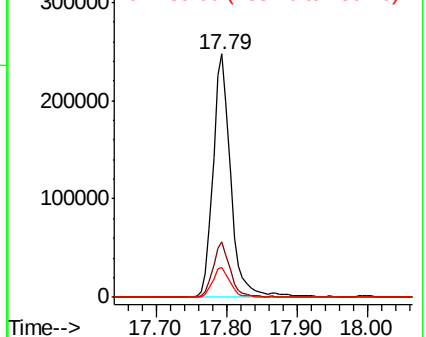
167 100

166 22.8 18.7 28.1

139 12.5 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: 43.447 ng

RT: 18.34 min Scan# 2596

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

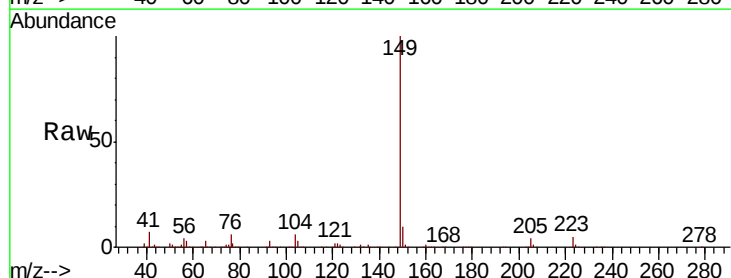
Tgt Ion:149 Resp: 514692

Ion Ratio Lower Upper

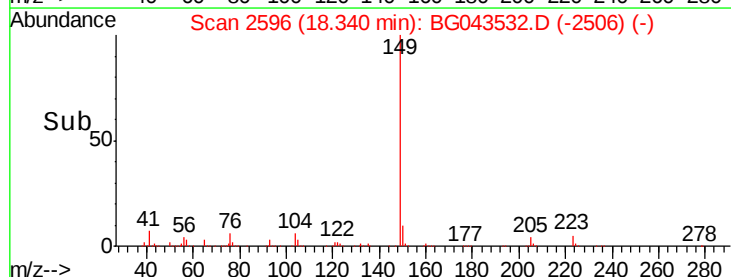
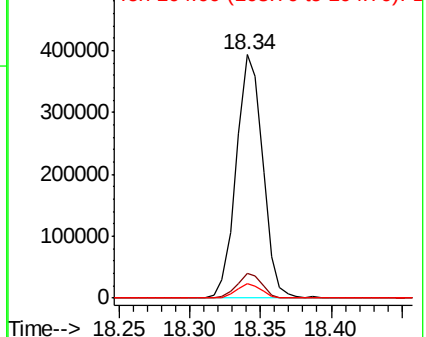
149 100

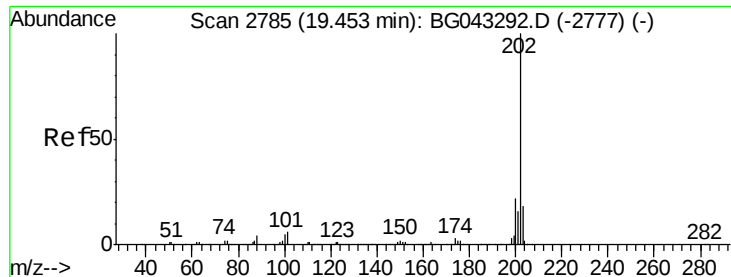
150 10.1 8.0 12.0

104 5.7 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: 44.137 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

Instrument :

BNA_G

ClientSampled :

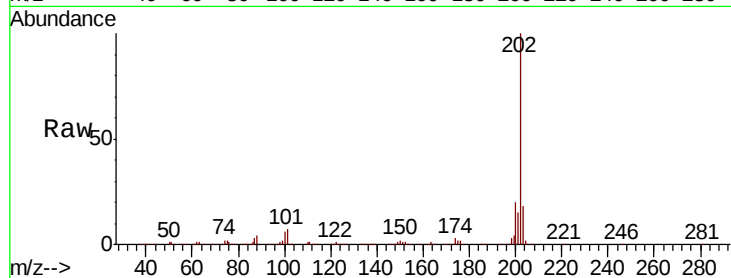
Tot Ion:202 Resp: 620040

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.3

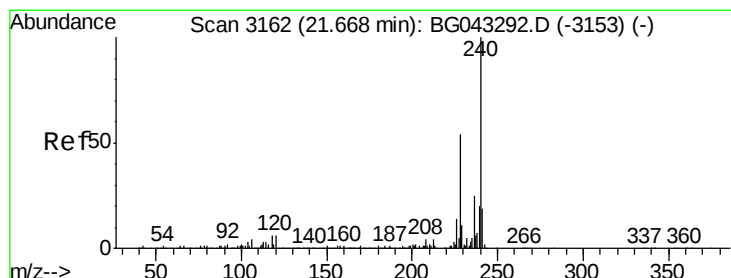
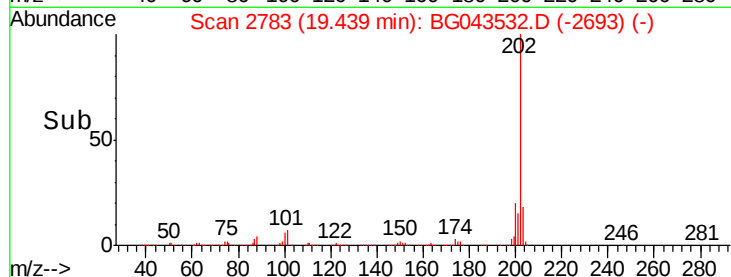
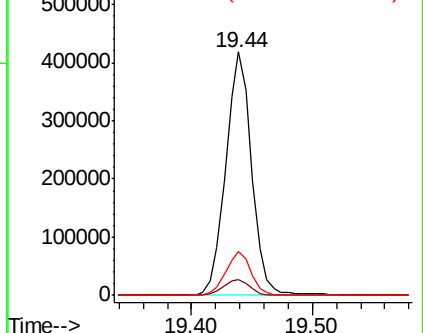
203 17.8 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

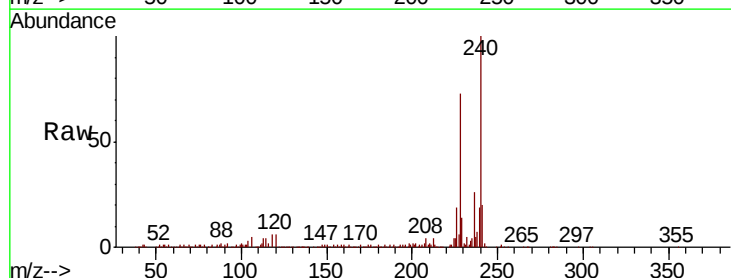
Tgt Ion:240 Resp: 225885

Ion Ratio Lower Upper

240 100

120 5.8 4.6 6.8

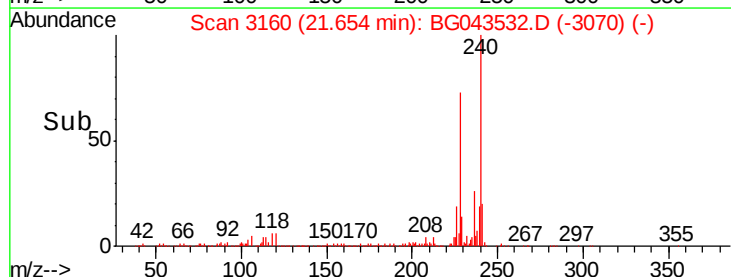
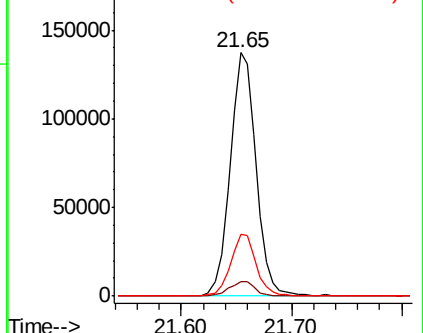
236 25.5 19.8 29.8

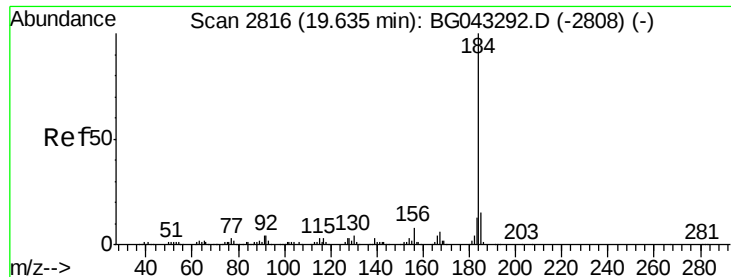


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 63.585 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

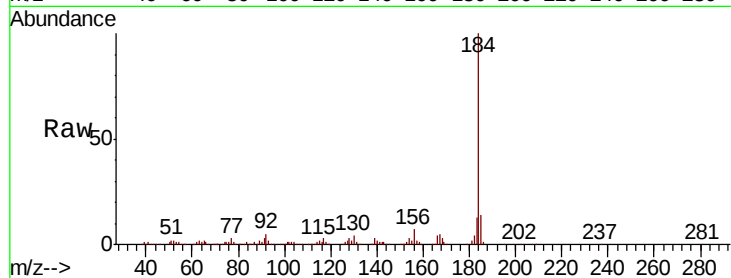
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 289059

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.0	16.4
183	12.8	10.0	15.0



Abundance

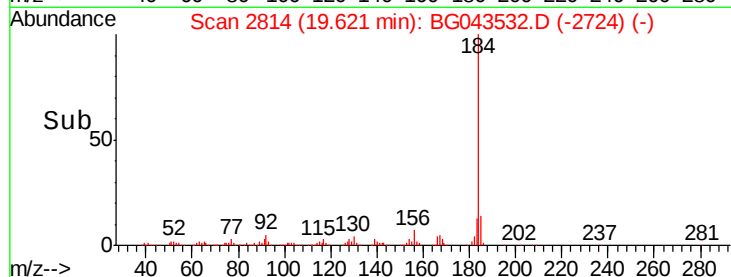
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

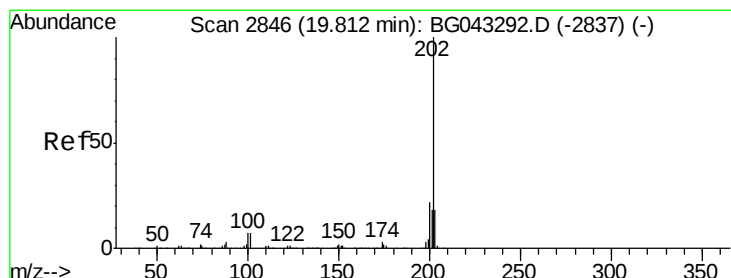
Ion 183.00 (182.70 to 183.70): E

19.62

Time-->



Time-->



#78

Pyrene

Concen: 44.497 ng

RT: 19.80 min Scan# 2845

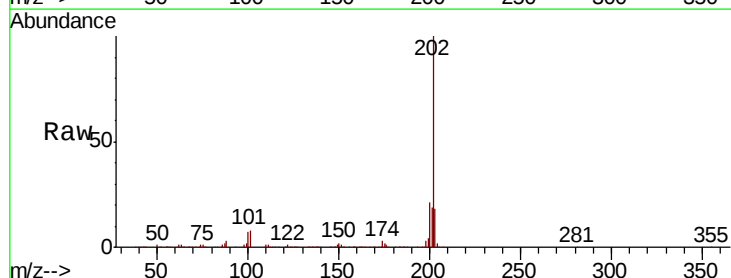
Delta R.T. 0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

Tgt Ion:202 Resp: 622159

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.4
203	18.5	14.7	22.1



Abundance

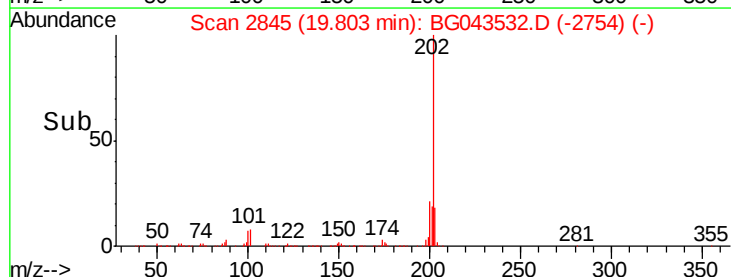
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

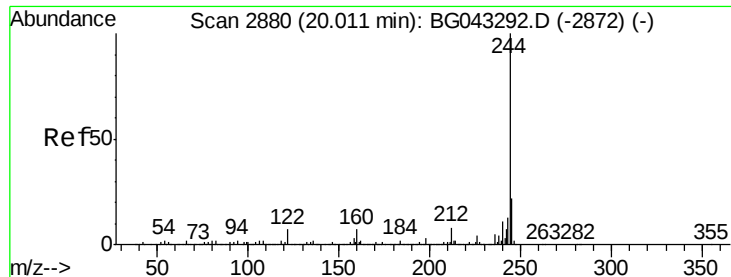
Ion 203.00 (202.70 to 203.70): E

19.80

Time-->



Time-->



#79

Terphenyl-d14

Concen: 77.251 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

Instrument :

BNA_G

ClientSampled :

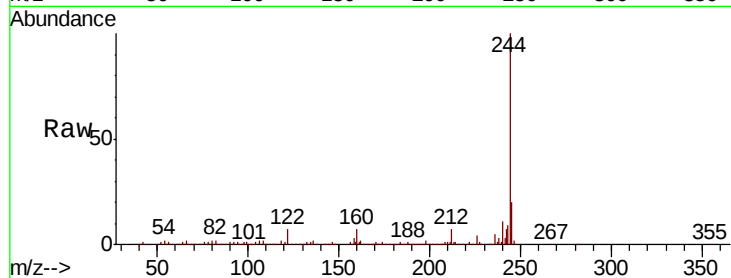
Tot Ion:244 Resp: 930135

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

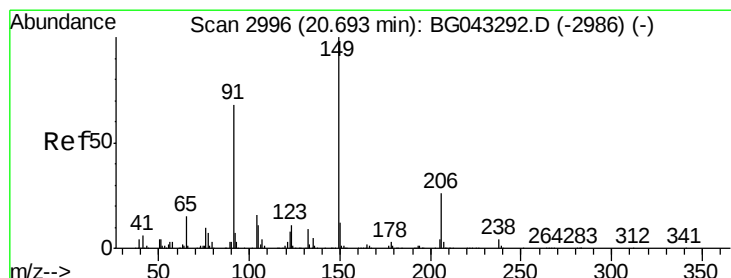
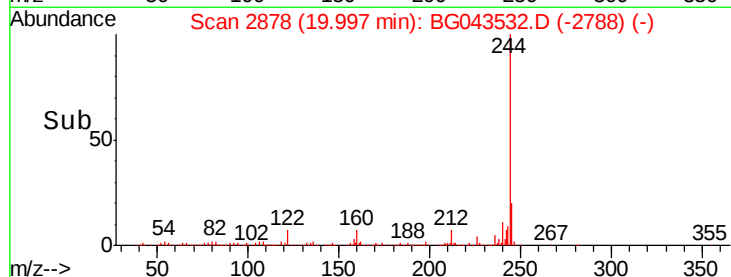
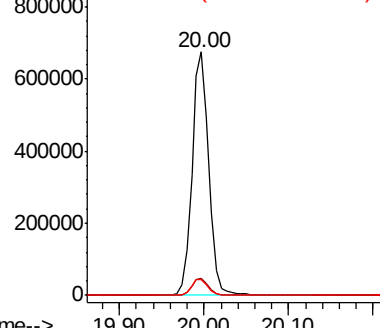
122 6.7 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.241 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

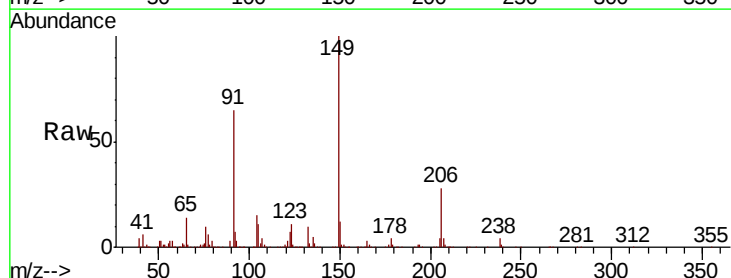
Tgt Ion:149 Resp: 234357

Ion Ratio Lower Upper

149 100

91 65.0 51.2 76.8

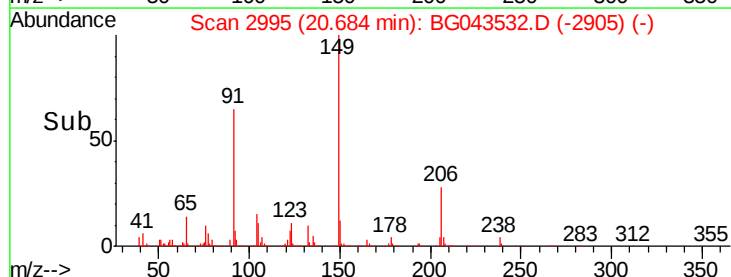
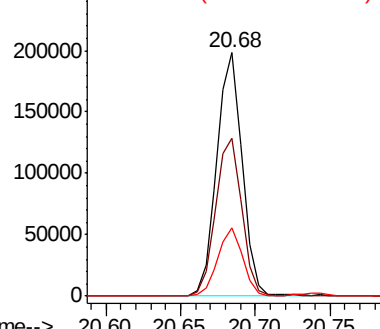
206 27.8 22.5 33.7

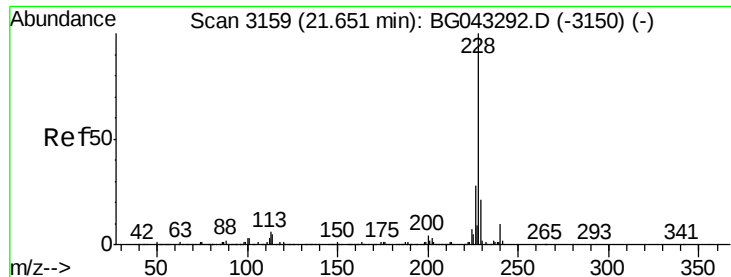


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

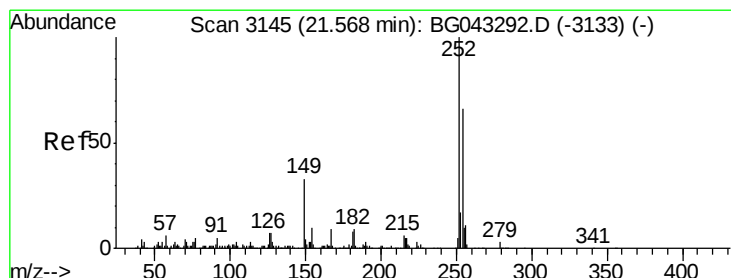
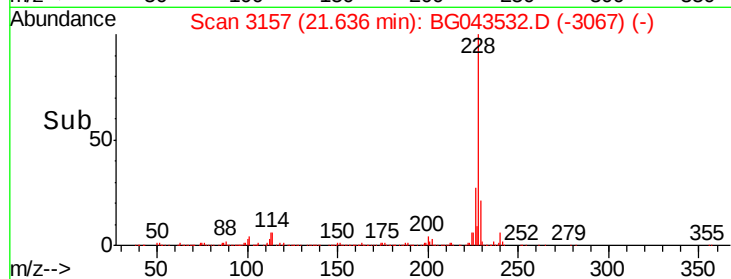
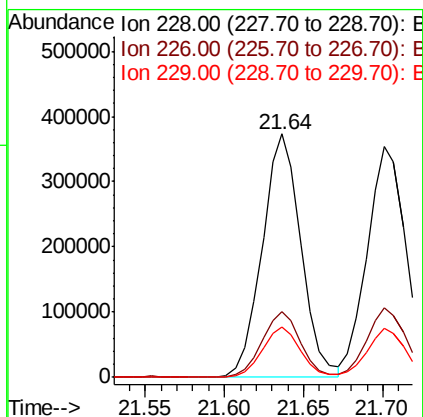
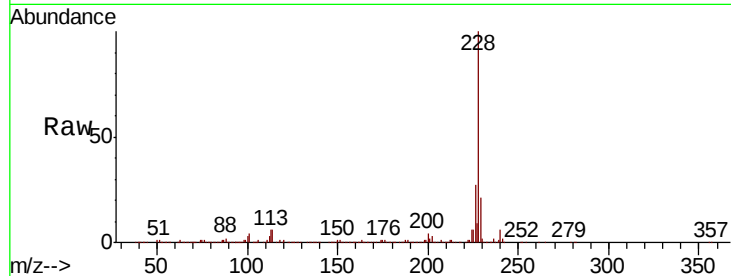




#81
Benzo(a)anthracene
Concen: 44.803 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

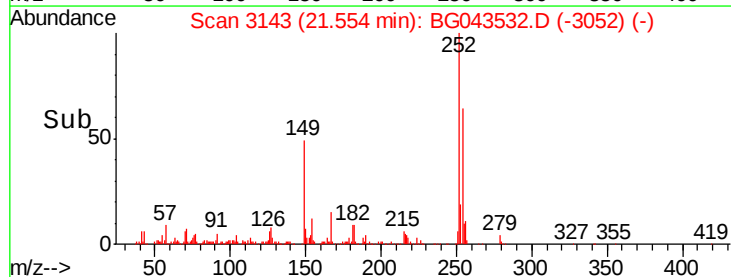
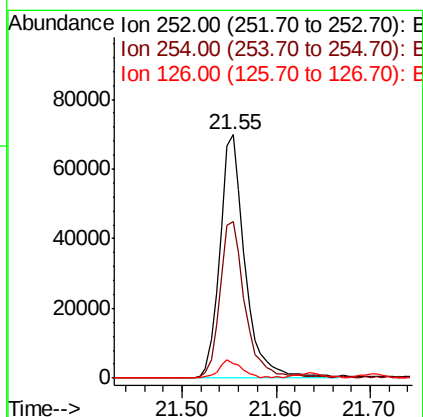
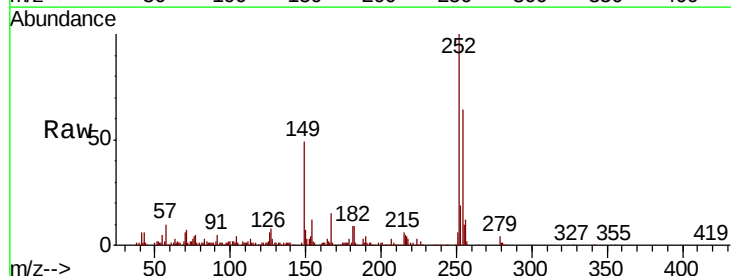
Instrument :
BNA_G
ClientSampleId :

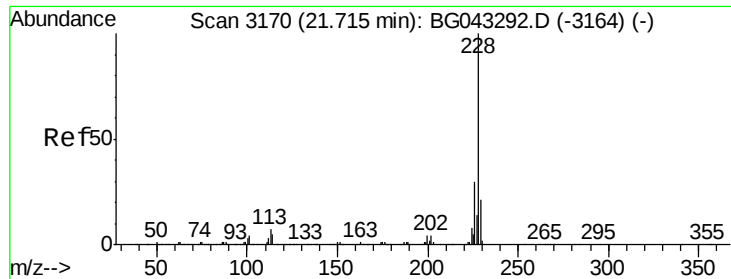
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.2	33.2
229	20.7	17.0	25.4



#82
3,3'-Dichlorobenzidine
Concen: 23.788 ng
RT: 21.55 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.8	76.2
126	6.1	6.1	9.1#





#83

Chrysene

Concen: 43.482 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

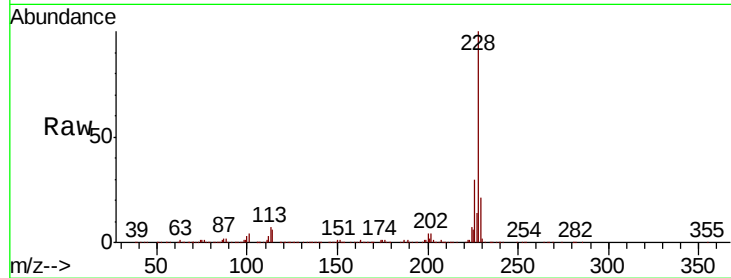
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 611290

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.1	37.7
229	21.1	17.0	25.4

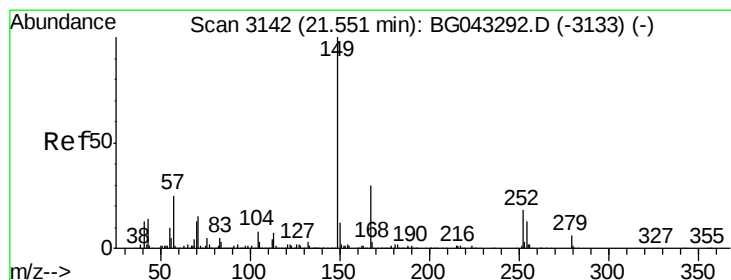
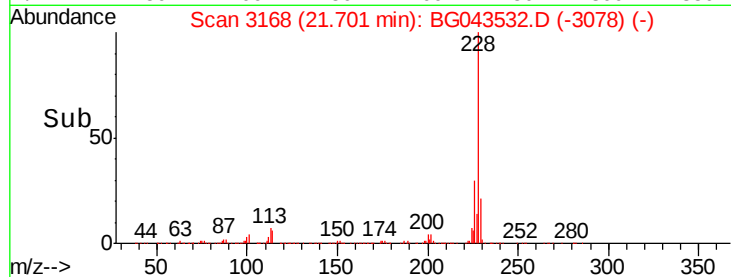
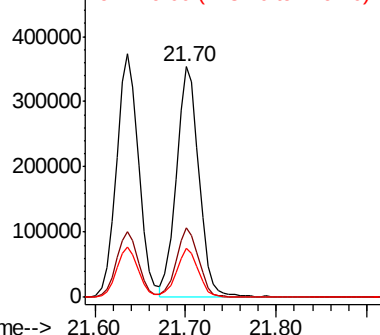


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.014 ng

RT: 21.54 min Scan# 3140

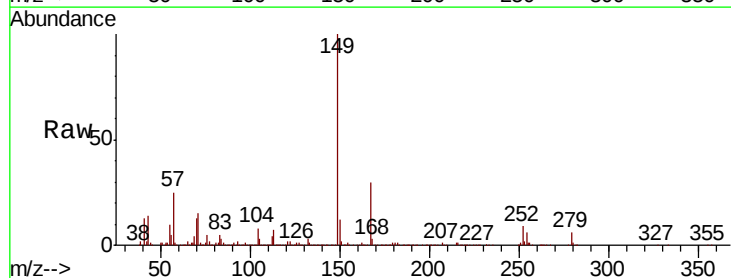
Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

Tgt Ion:149 Resp: 338723

Ion	Ratio	Lower	Upper
149	100		
167	30.4	24.0	36.0
279	6.2	5.4	8.2

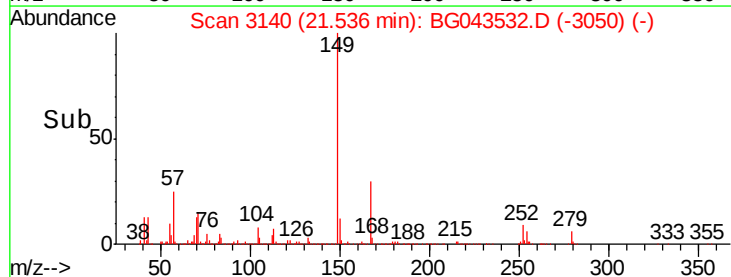
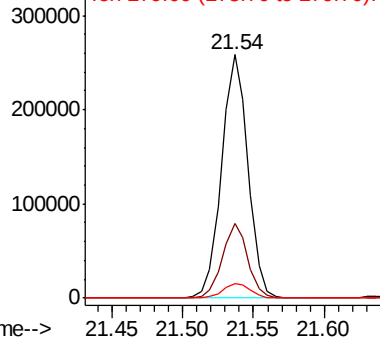


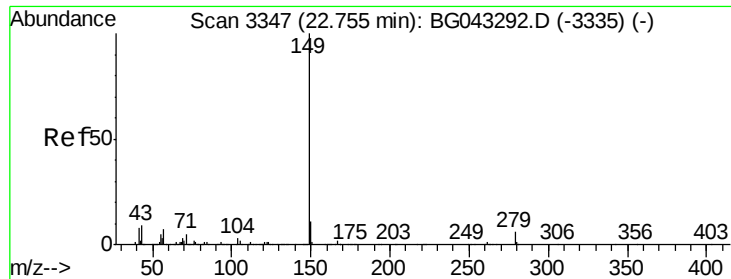
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

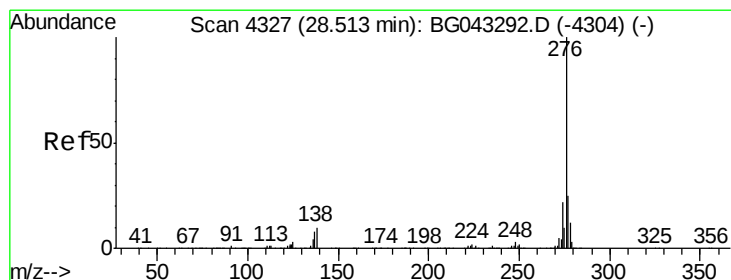
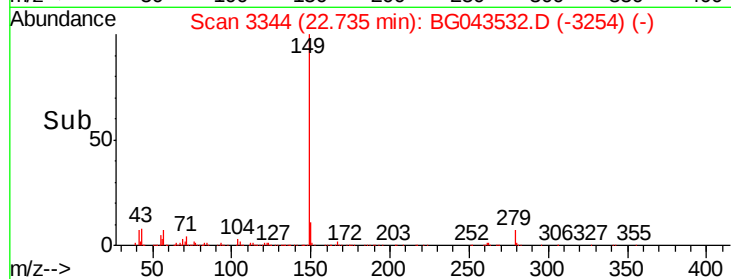
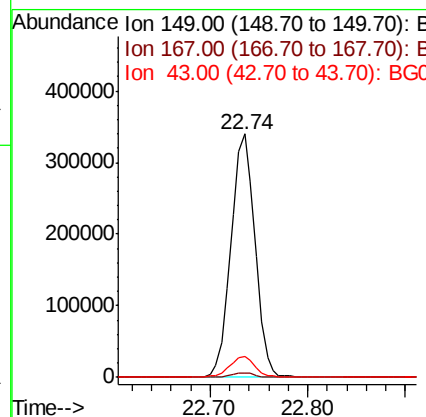
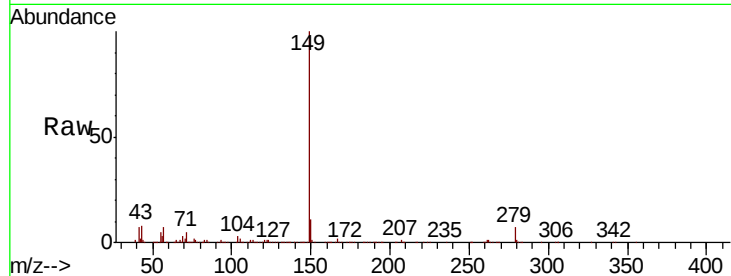




#85
Di-n-octyl phthalate
Concen: 45.203 ng
RT: 22.74 min Scan# 3344
Delta R.T. -0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

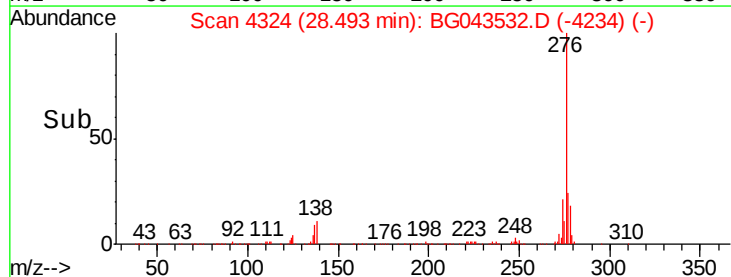
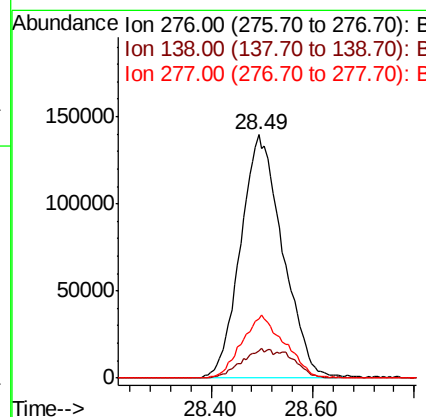
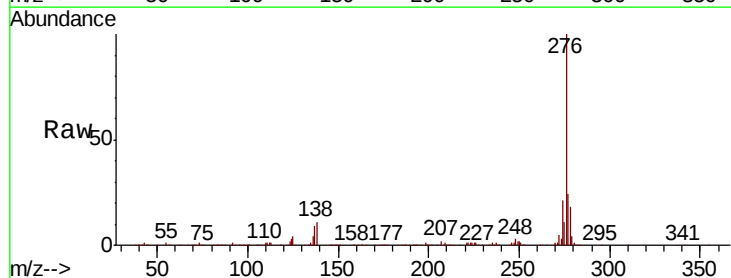
Instrument :
BNA_G
ClientSampleId :

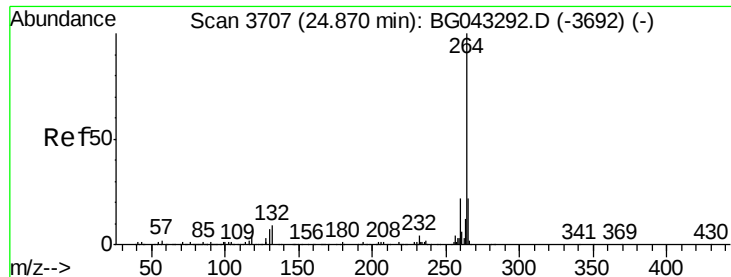
Tot Ion:149 Resp: 577079
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 8.6 7.0 10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.577 ng
RT: 28.49 min Scan# 4324
Delta R.T. -0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

Tgt Ion:276 Resp: 804280
Ion Ratio Lower Upper
276 100
138 14.5 6.8 10.2#
277 26.3 20.9 31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

Instrument :

BNA_G

ClientSampleId :

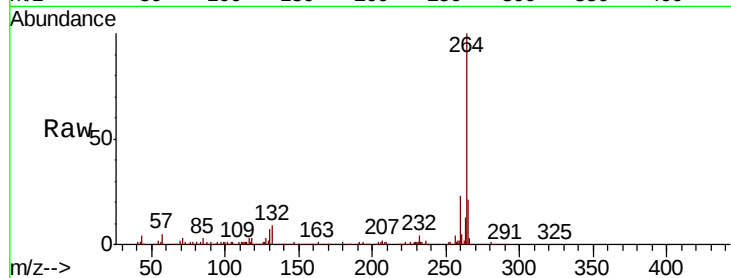
Tot Ion:264 Resp: 265926

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.5	26.3
265	21.4	17.4	26.0

264 100

260 23.1 17.5 26.3

265 21.4 17.4 26.0

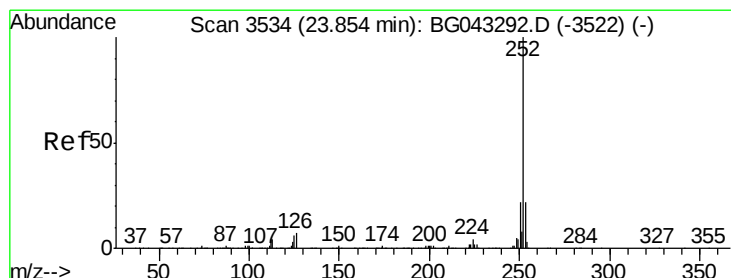
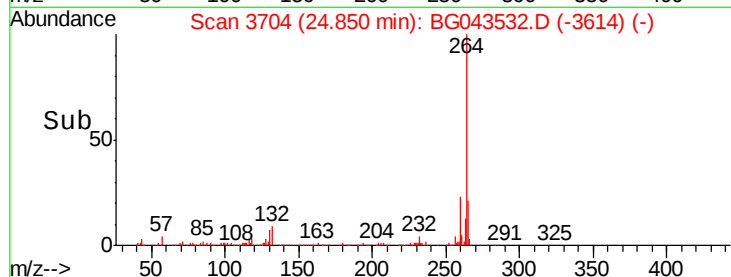
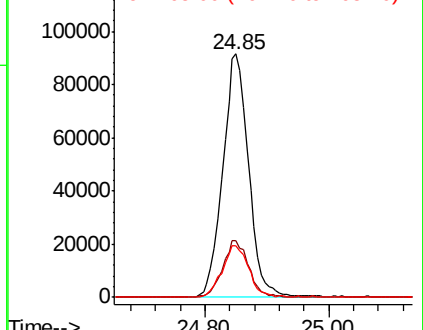


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.568 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

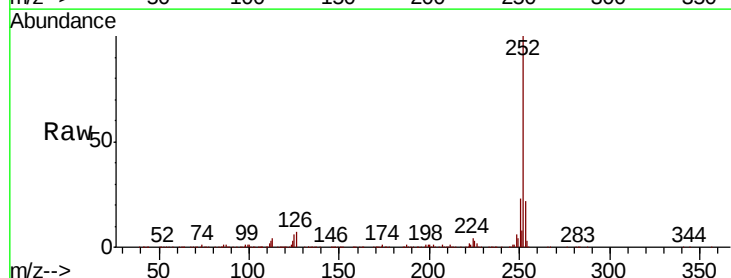
Tgt Ion:252 Resp: 656184

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	5.8	4.5	6.7

252 100

253 21.6 17.7 26.5

125 5.8 4.5 6.7

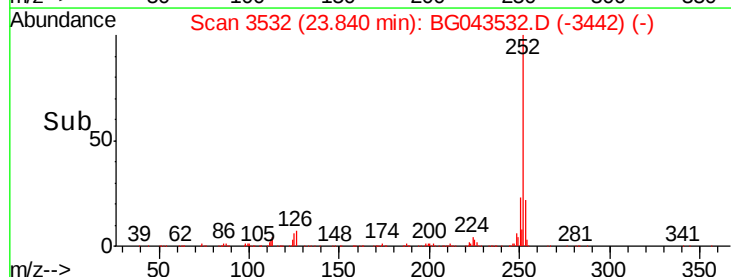
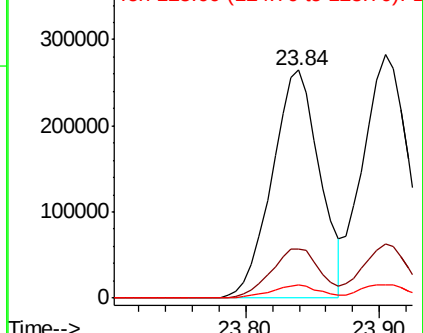


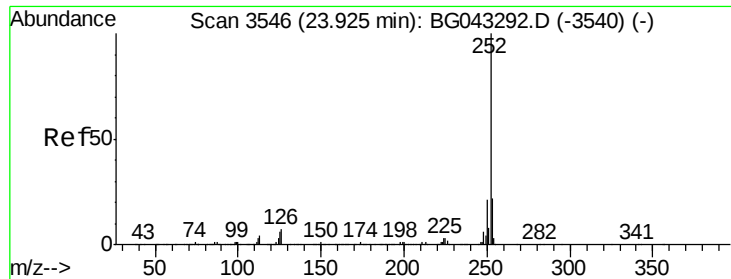
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

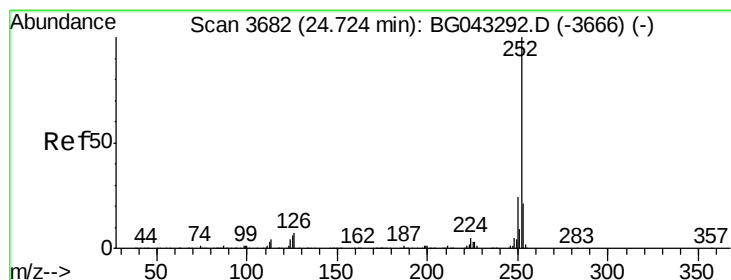
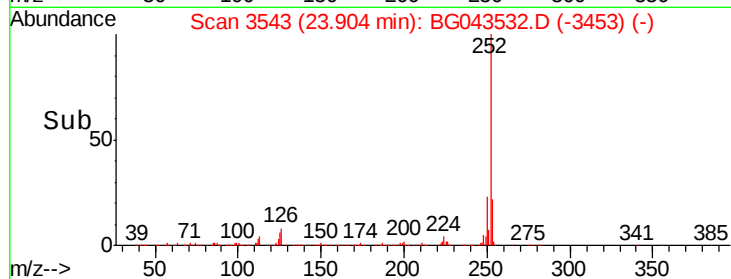
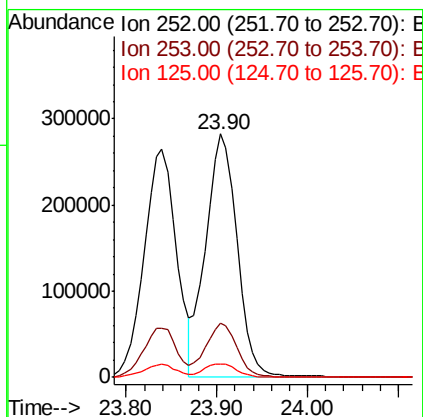
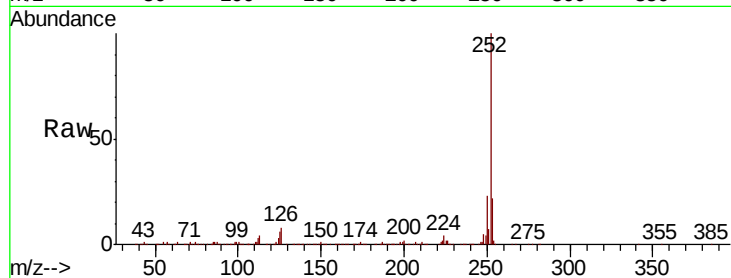




#89
Benzo(k)fluoranthene
Concen: 44.758 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

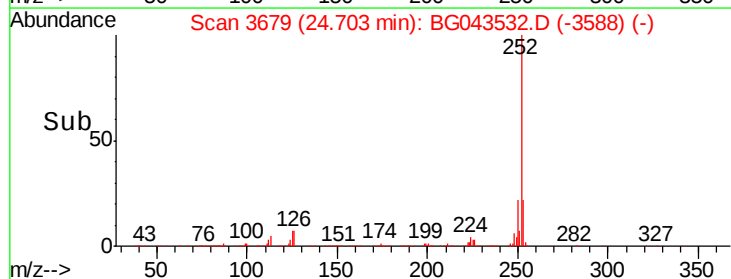
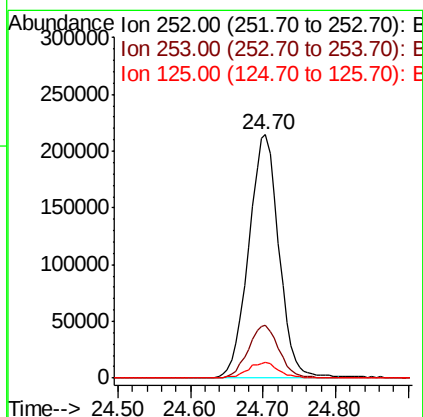
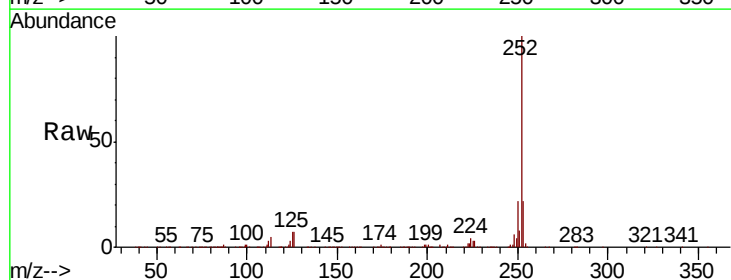
Instrument :
BNA_G
ClientSampleId :

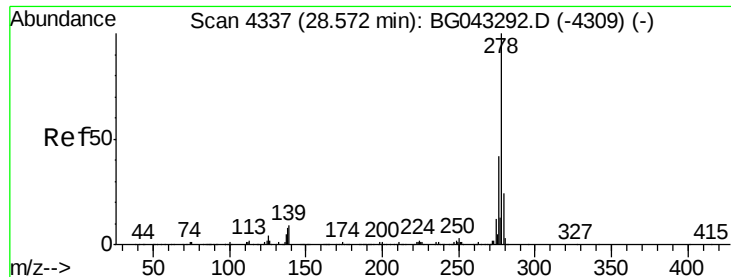
Tot Ion:252 Resp: 678629
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 5.6 4.6 6.8



#90
Benzo(a)pyrene
Concen: 43.220 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG043532.D
Acq: 6 Nov 2019 22:44

Tgt Ion:252 Resp: 621603
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 6.6 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 46.718 ng

RT: 28.55 min Scan# 4334

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

Instrument :

BNA_G

ClientSampleId :

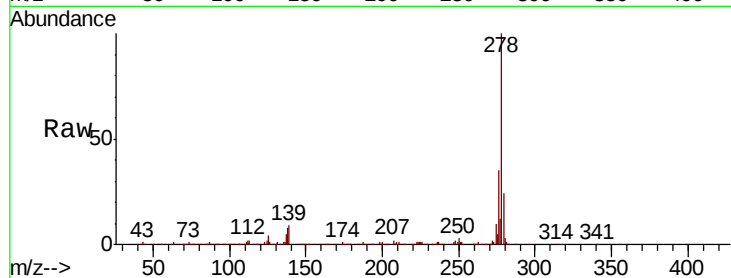
Tot Ion:278 Resp: 687273

Ion Ratio Lower Upper

278 100

139 9.2 7.4 11.0

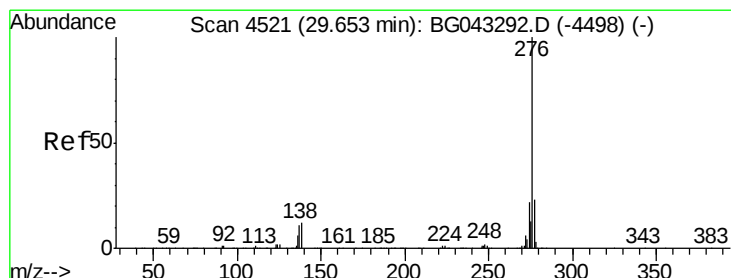
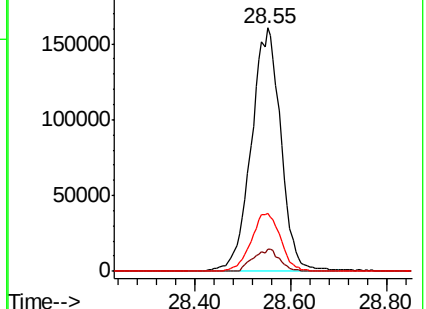
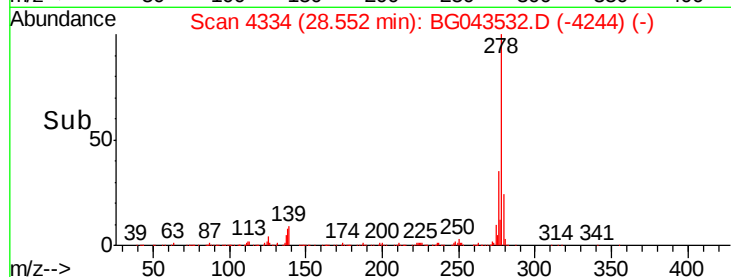
279 23.9 19.1 28.7



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: 45.806 ng

RT: 29.63 min Scan# 4517

Delta R.T. -0.00 min

Lab File: BG043532.D

Acq: 6 Nov 2019 22:44

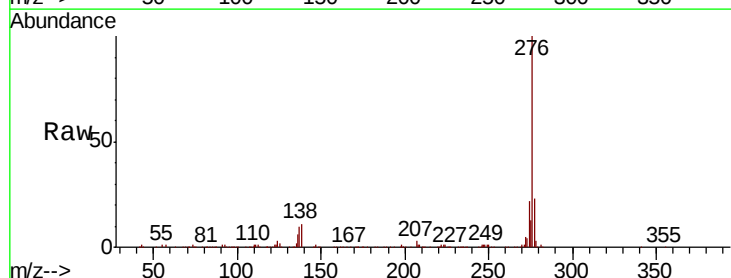
Tgt Ion:276 Resp: 664695

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 11.3 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

