

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043384.D
 Acq On : 29 Oct 2019 21:32
 Operator : JU
 Sample : K5541-11MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:25:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	44458	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	162494	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	117657	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	269617	20.00	ng	0.00
76) Chrysene-d12	21.67	240	292176	20.00	ng	0.00
87) Perylene-d12	24.86	264	349357	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	276227	113.85	ng	0.00
7) Phenol-d6	7.22	99	399992	114.59	ng	0.02
23) Nitrobenzene-d5	9.19	82	241328	76.57	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	242165	108.16	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	547888	64.35	ng	0.00
79) Terphenyl-d14	20.00	244	982485	63.09	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	34222	36.196	ng	# 94
3) Pyridine	3.89	79	88438	37.082	ng	98
4) n-Nitrosodimethylamine	3.80	42	52570	43.682	ng	# 92
6) Aniline	7.35	93	134546	33.460	ng	98
8) 2-Chlorophenol	7.60	128	126598	47.270	ng	99
9) Benzaldehyde	7.17	77	67884	39.572	ng	96
10) Phenol	7.24	94	162713	51.011	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	107624	43.641	ng	96
12) 1,3-Dichlorobenzene	7.91	146	142326	42.415	ng	97
13) 1,4-Dichlorobenzene	8.06	146	141329	41.629	ng	99
14) 1,2-Dichlorobenzene	8.38	146	136274	41.110	ng	98
15) Benzyl Alcohol	8.27	79	109534	44.680	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	141963	39.589	ng	96
17) 2-Methylphenol	8.49	107	108535	46.675	ng	99
18) Hexachloroethane	9.11	117	49555	40.457	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	93523	41.463	ng	98
20) 3+4-Methylphenols	8.82	107	142345	44.642	ng	92
22) Acetophenone	8.85	105	179640	43.169	ng	97
24) Nitrobenzene	9.23	77	140003	46.628	ng	97
25) Isophorone	9.75	82	262896	45.622	ng	99
26) 2-Nitrophenol	9.94	139	74620	51.477	ng	91
27) 2,4-Dimethylphenol	10.01	122	116334	55.994	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	144016	45.282	ng	98
29) 2,4-Dichlorophenol	10.49	162	137554	51.673	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	152398	45.423	ng	99
31) Naphthalene	10.88	128	402382	48.785	ng	99
32) Benzoic acid	10.18	122	64911	42.253	ng	89
33) 4-Chloroaniline	11.00	127	69510	20.559	ng	97
34) Hexachlorobutadiene	11.17	225	106777	43.052	ng	96
35) Caprolactam	11.77	113	24256	26.457	ng	# 82
36) 4-Chloro-3-methylphenol	12.13	107	141964	48.891	ng	100
37) 2-Methylnaphthalene	12.48	142	303544	47.964	ng	98
38) 1-Methylnaphthalene	12.70	142	285948	47.488	ng	92
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	198021	45.477	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	191905	83.899	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	125040	48.762	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	133923	51.659	nq	96
46) 1,1'-Biphenyl	13.49	154	404419	45.183	nq	98
47) 2-Chloronaphthalene	13.53	162	312982	45.957	nq	99
48) 2-Nitroaniline	13.74	65	93237	45.806	nq	92
49) Acenaphthylene	14.37	152	507967	47.925	nq	98
50) Dimethylphthalate	14.11	163	486753	53.411	nq	99
51) 2,6-Dinitrotoluene	14.23	165	94555	47.759	nq	95
52) Acenaphthene	14.72	154	312147	48.292	nq	99
53) 3-Nitroaniline	14.56	138	58409	30.556	nq	99
54) 2,4-Dinitrophenol	14.77	184	63068	53.651	nq	93
55) Dibenzofuran	15.05	168	501330	47.827	nq	100
56) 4-Nitrophenol	14.90	139	138030	107.755	nq	97
57) 2,4-Dinitrotoluene	15.01	165	131549	46.493	nq	95
58) Fluorene	15.70	166	424645	48.302	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	138297	50.210	nq	# 97
60) Diethylphthalate	15.47	149	406702	44.415	nq	98
61) 4-Chlorophenyl-phenylether	15.69	204	233518	45.531	nq	99
62) 4-Nitroaniline	15.73	138	81715	41.393	nq	98
63) Azobenzene	15.98	77	343634	46.369	nq	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	57682	36.353	nq	97
66) n-Nitrosodiphenylamine	15.90	169	363842	47.799	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	169387	46.683	nq	99
68) Hexachlorobenzene	16.71	284	188139	45.172	nq	98
69) Atrazine	16.85	200	157261	59.456	nq	95
70) Pentachlorophenol	17.05	266	201483	106.165	nq	93
71) Phenanthrene	17.44	178	812428	58.844	nq	99
72) Anthracene	17.53	178	705574	51.078	nq	99
73) Carbazole	17.80	167	616941	49.319	nq	99
74) Di-n-butylphthalate	18.35	149	701851	46.241	nq	100
75) Fluoranthene	19.45	202	1085916	60.331	nq	99
77) Benzidine	19.63	184	353554	60.127	nq	98
78) Pyrene	19.81	202	1050998	58.113	nq	98
80) Butylbenzylphthalate	20.69	149	321410	46.909	nq	98
81) Benzo(a)anthracene	21.64	228	987442	53.954	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	289417	40.885	nq	97
83) Chrysene	21.71	228	938876	51.632	nq	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	475139	48.817	nq	99
85) Di-n-octyl phthalate	22.75	149	818492	49.567	nq	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	1202375	52.676	nq	# 96
88) Benzo(b)fluoranthene	23.85	252	1046633	52.896	nq	97
89) Benzo(k)fluoranthene	23.92	252	1004821	50.445	nq	98
90) Benzo(a)pyrene	24.72	252	974530	51.577	nq	97
91) Dibenzo(a,h)anthracene	28.56	278	968188	50.097	nq	100
92) Benzo(g,h,i)perylene	29.64	276	1022653	53.644	nq	97

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

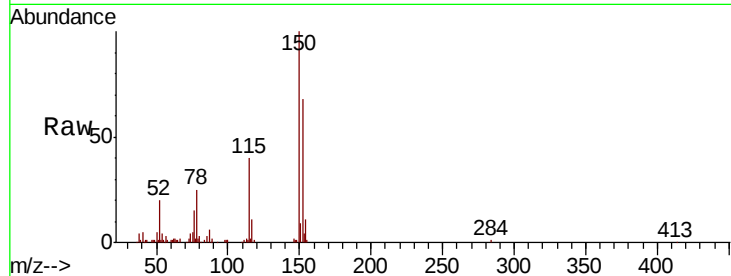


#1

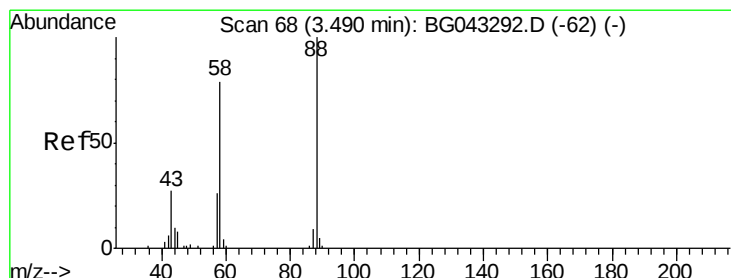
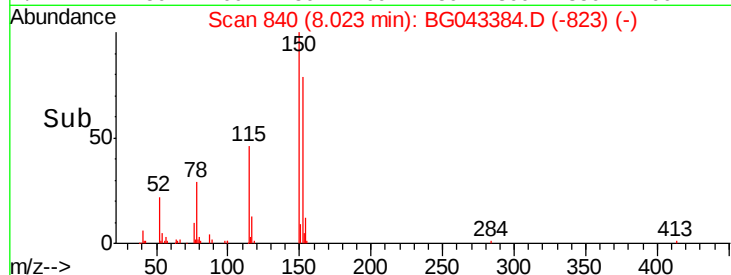
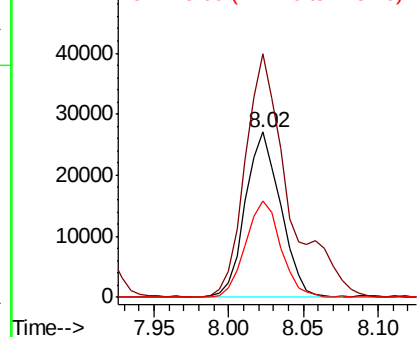
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 44458
Ion Ratio Lower Upper
152 100
150 147.6 113.6 170.4
115 58.6 45.9 68.9



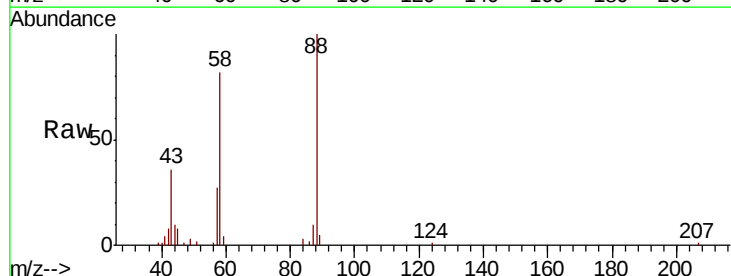
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



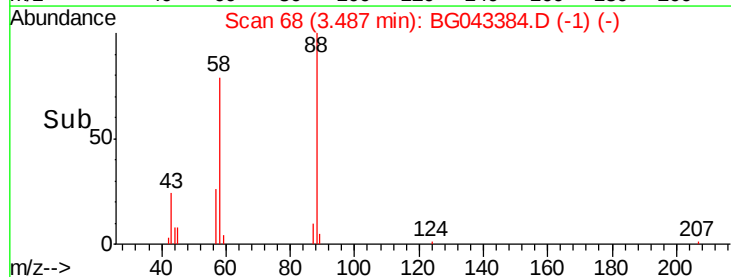
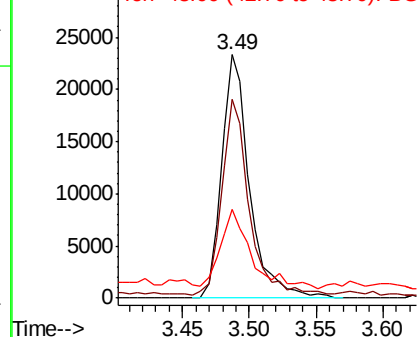
#2

1,4-Dioxane
Concen: 36.196 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

Tgt Ion: 88 Resp: 34222
Ion Ratio Lower Upper
88 100
58 78.4 60.2 90.2
43 34.9 22.7 34.1#



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: 37.082 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Instrument :

BNA_G

ClientSampleId :

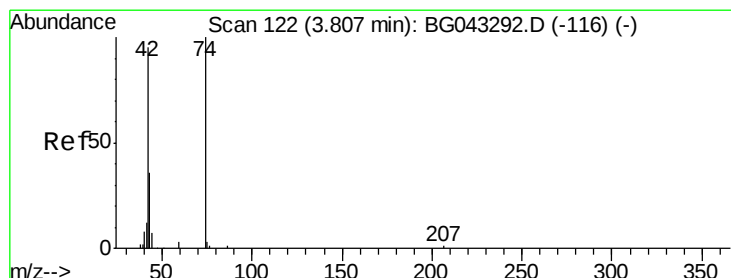
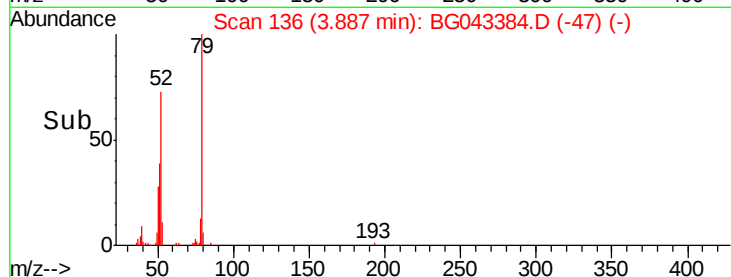
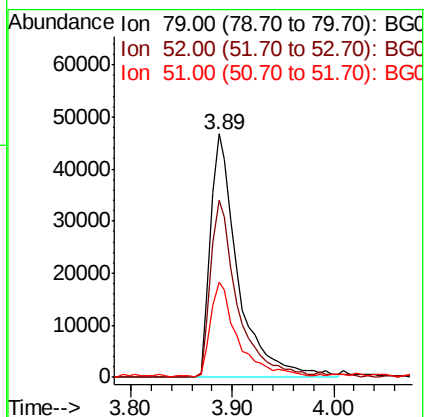
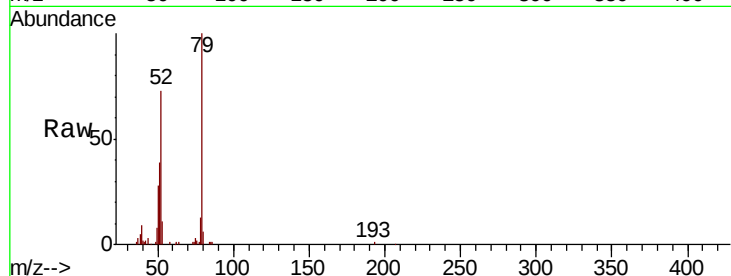
Tot Ion: 79 Resp: 88438

Ion Ratio Lower Upper

79 100

52 72.7 59.7 89.5

51 39.3 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 43.682 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

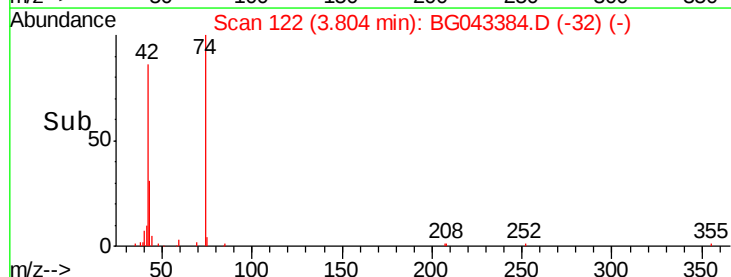
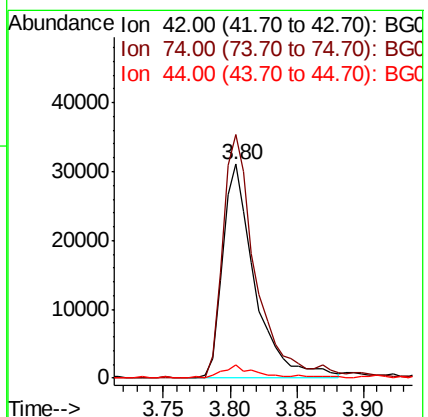
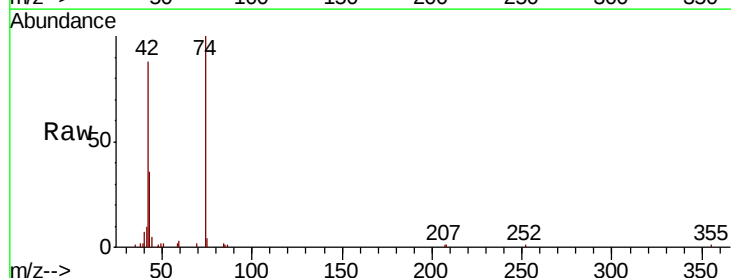
Tgt Ion: 42 Resp: 52570

Ion Ratio Lower Upper

42 100

74 114.0 84.2 126.2

44 6.0 6.0 9.0#





#5

2-Fluorophenol

Concen: 113.854 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Instrument :

BNA_G

ClientSampleId :

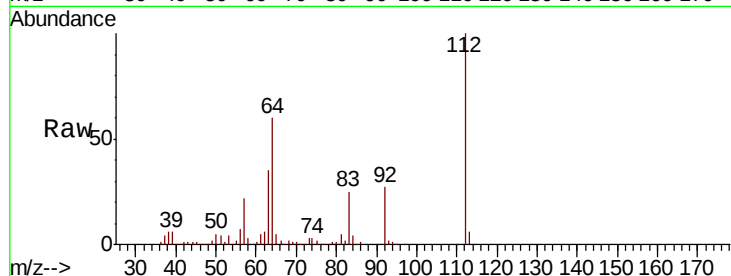
Tot Ion:112 Resp: 276227

Ion Ratio Lower Upper

112 100

64 59.7 50.2 75.2

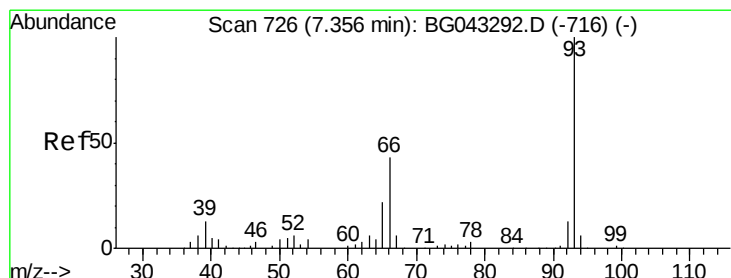
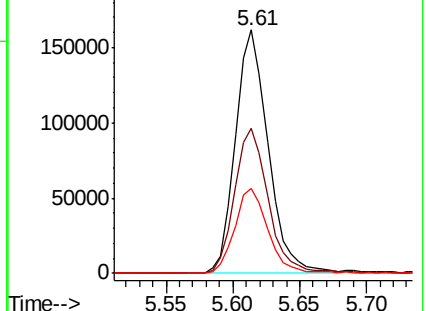
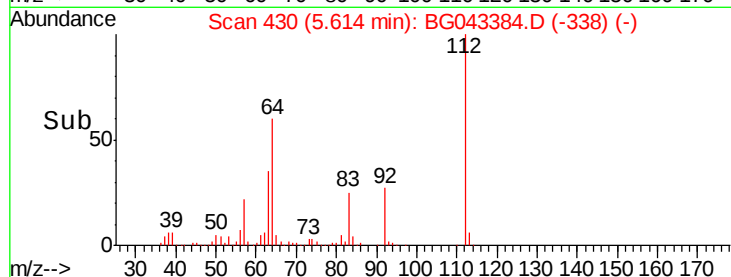
63 35.1 26.7 40.1



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: 33.460 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

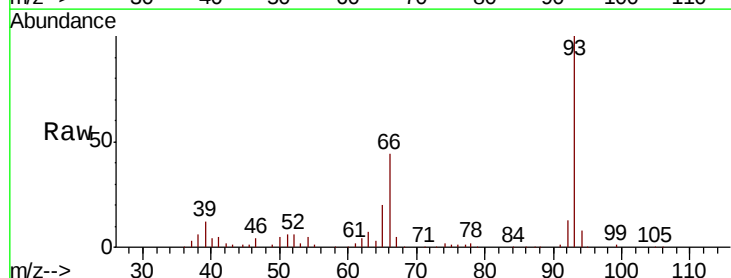
Tgt Ion: 93 Resp: 134546

Ion Ratio Lower Upper

93 100

66 43.6 34.5 51.7

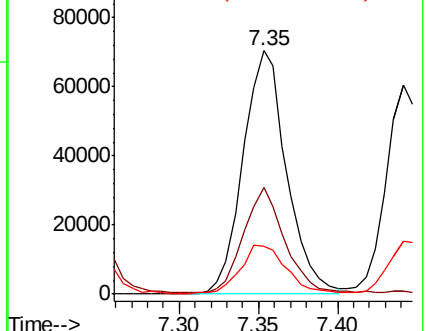
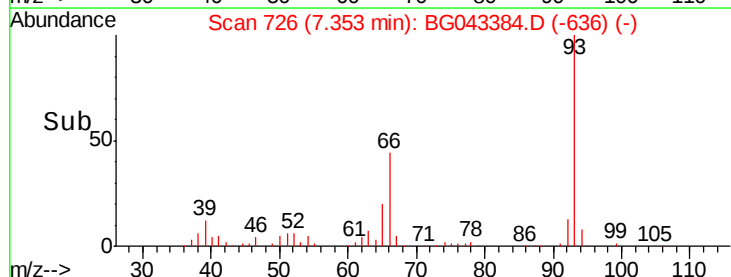
65 19.7 18.0 27.0

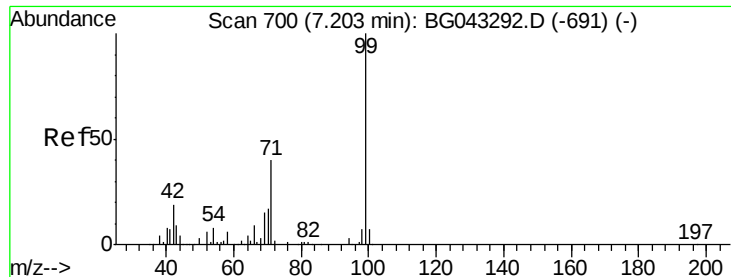


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 114.589 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Instrument :

BNA_G

ClientSampled :

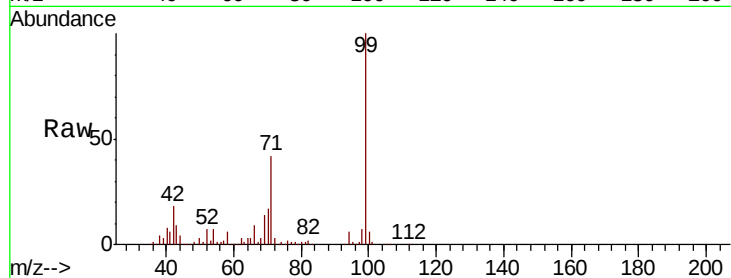
Tot Ion: 99 Resp: 399992

Ion Ratio Lower Upper

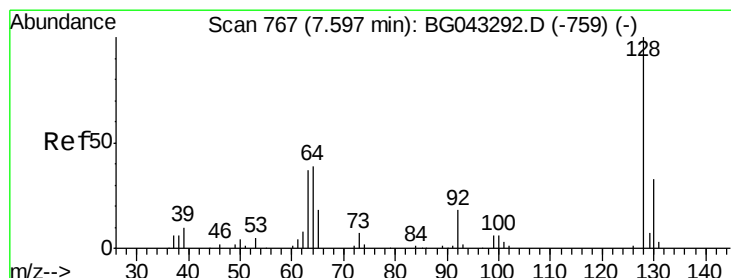
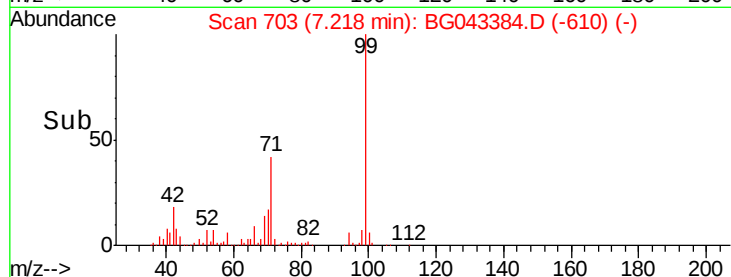
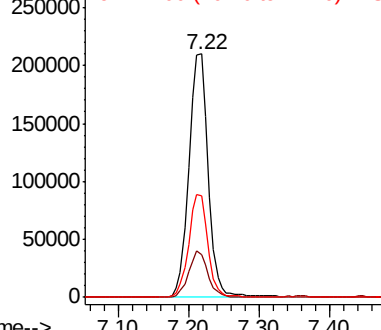
99 100

42 17.6 14.9 22.3

71 41.7 32.2 48.2



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



#8

2-Chlorophenol

Concen: 47.270 ng

RT: 7.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

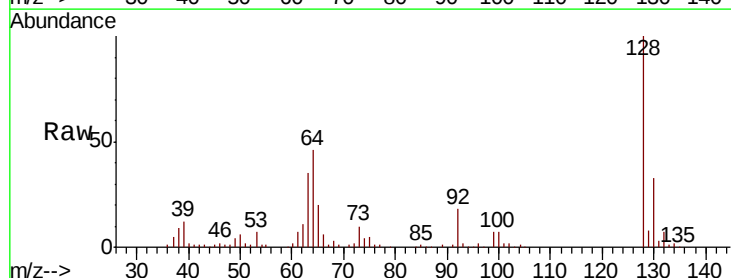
Tgt Ion: 128 Resp: 126598

Ion Ratio Lower Upper

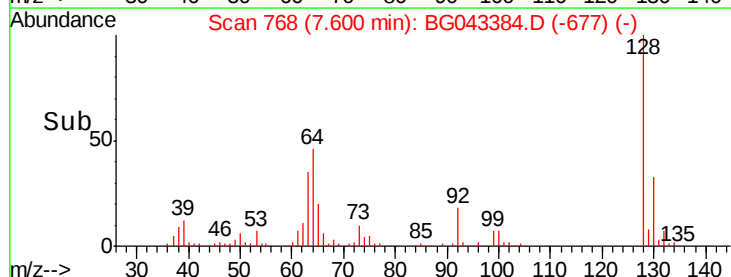
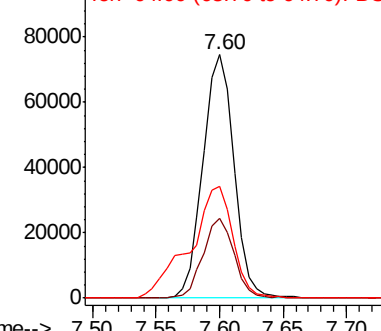
128 100

130 32.9 12.9 52.9

64 45.8 24.9 64.9



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





#9

Benzaldehyde

Concen: 39.572 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Instrument :

BNA_G

ClientSampled :

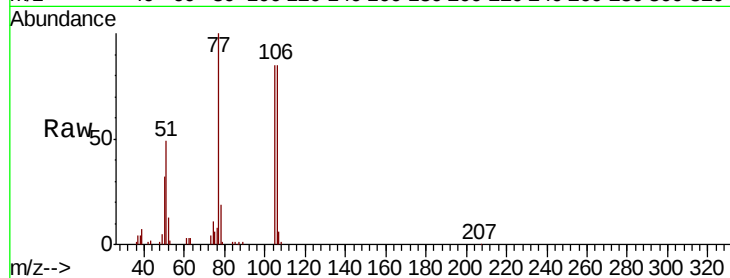
Tot Ion: 77 Resp: 67884

Ion Ratio Lower Upper

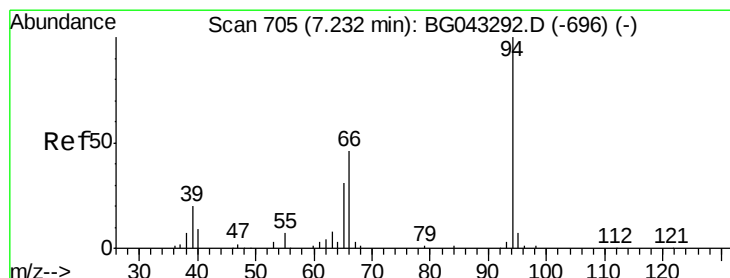
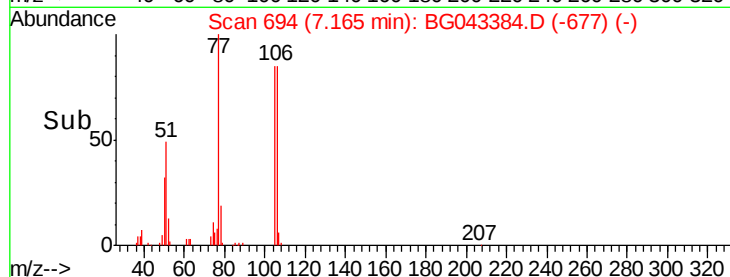
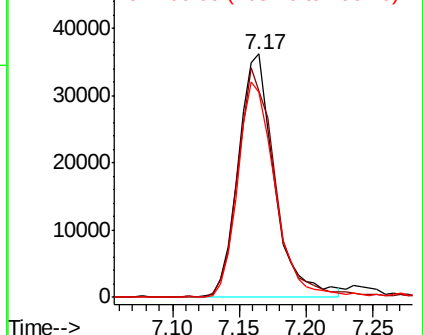
77 100

105 84.9 68.7 108.7

106 84.5 60.5 100.5



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: 51.011 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

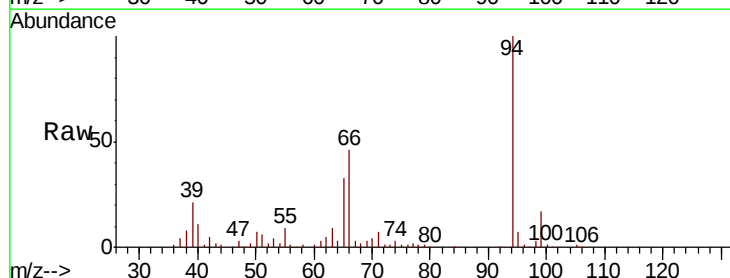
Tgt Ion: 94 Resp: 162713

Ion Ratio Lower Upper

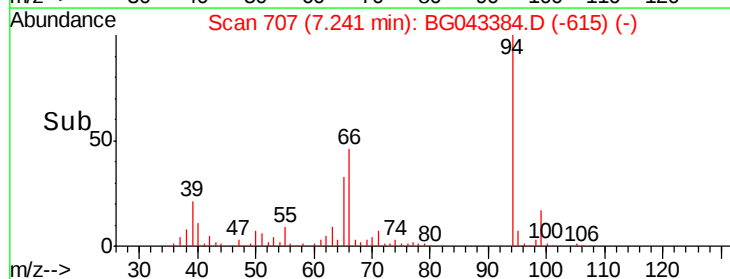
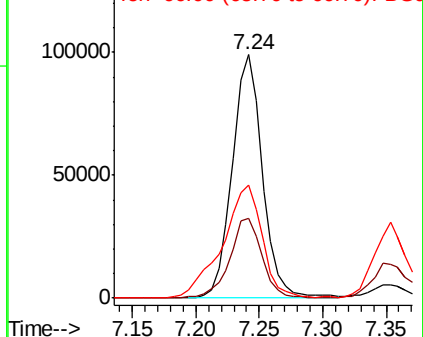
94 100

65 32.8 11.1 51.1

66 46.4 27.8 67.8



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

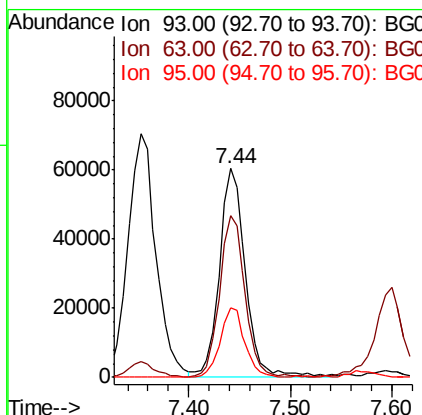
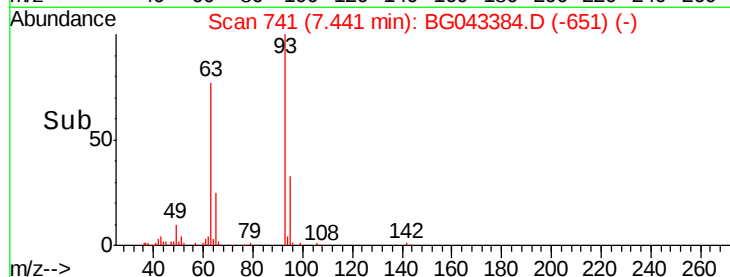
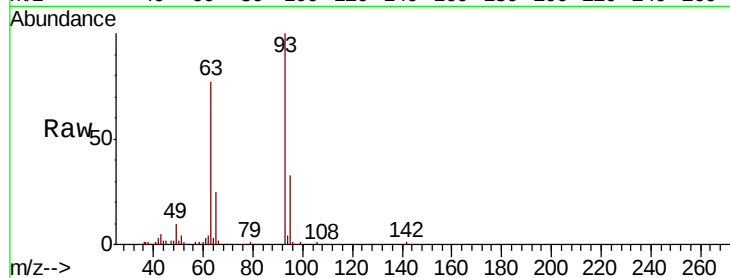




#11
 bis(2-Chloroethyl)ether
 Concen: 43.641 ng
 RT: 7.44 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BG043384.D
 Acq: 29 Oct 2019 21:32

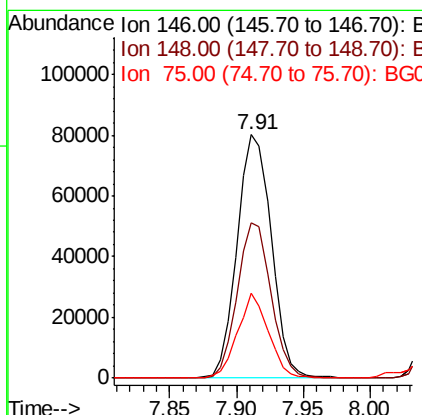
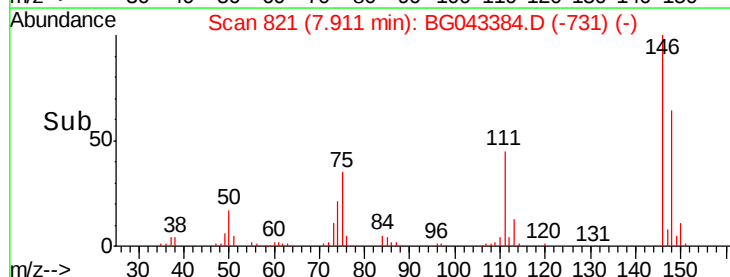
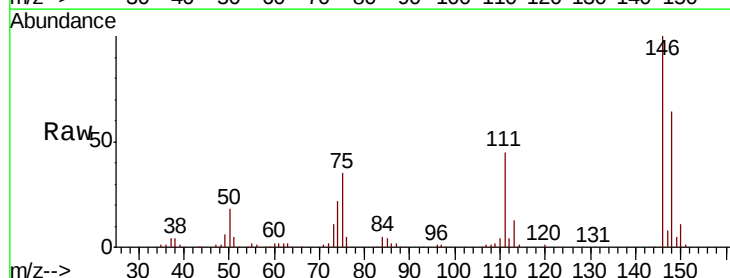
Instrument :
 BNA_G
 ClientSampleId :

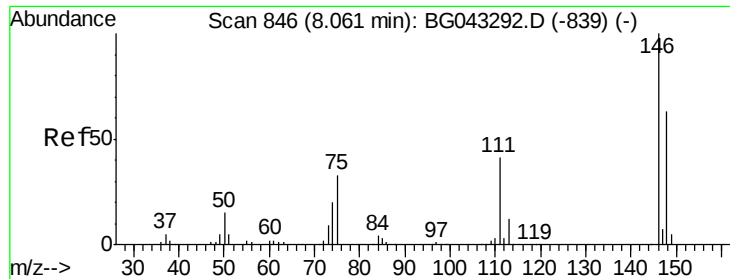
Tot Ion: 93 Resp: 107624
 Ion Ratio Lower Upper
 93 100
 63 77.2 54.6 94.6
 95 33.2 9.7 49.7



#12
 1,3-Dichlorobenzene
 Concen: 42.415 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG043384.D
 Acq: 29 Oct 2019 21:32

Tgt Ion: 146 Resp: 142326
 Ion Ratio Lower Upper
 146 100
 148 63.8 53.4 80.2
 75 34.8 27.0 40.4

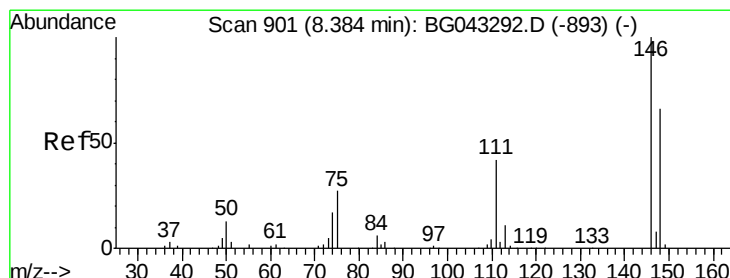
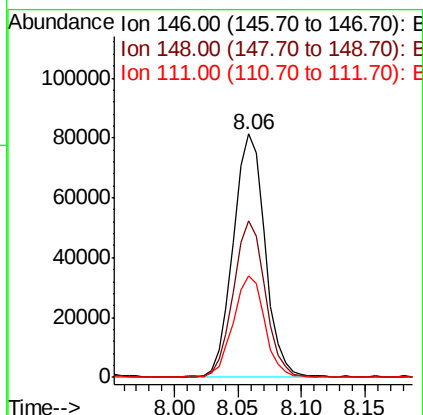
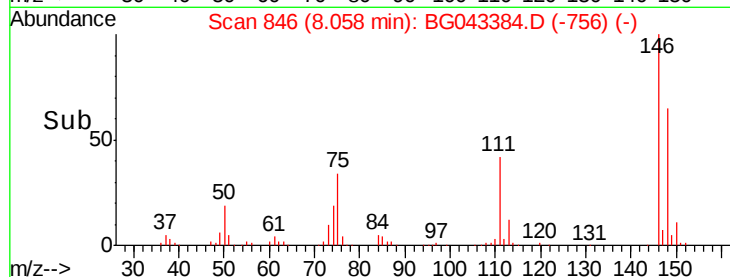
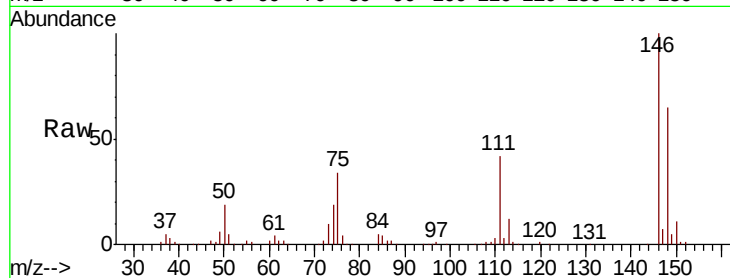




#13
 1,4-Dichlorobenzene
 Concen: 41.629 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043384.D
 Acq: 29 Oct 2019 21:32

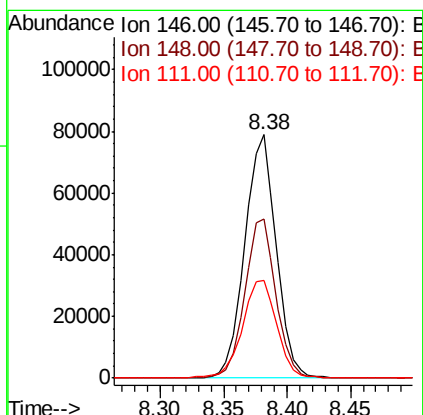
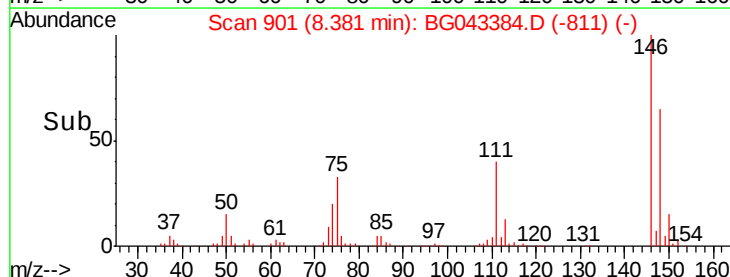
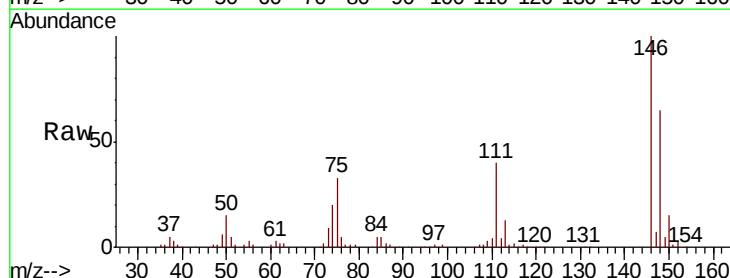
Instrument :
 BNA_G
 ClientSampled :

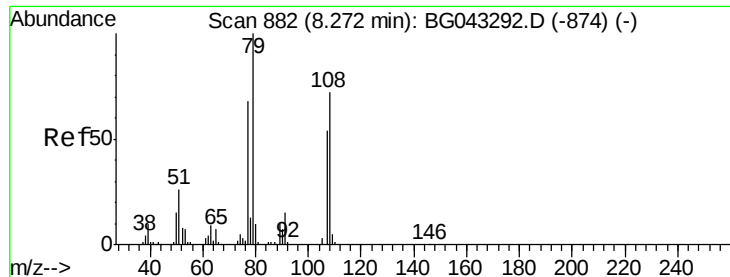
Tot Ion:146 Resp: 141329
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.7 76.1
 111 41.7 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 41.110 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG043384.D
 Acq: 29 Oct 2019 21:32

Tgt Ion:146 Resp: 136274
 Ion Ratio Lower Upper
 146 100
 148 65.5 53.0 79.4
 111 40.3 34.5 51.7





#15

Benzyl Alcohol

Concen: 44.680 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Instrument :

BNA_G

ClientSampleId :

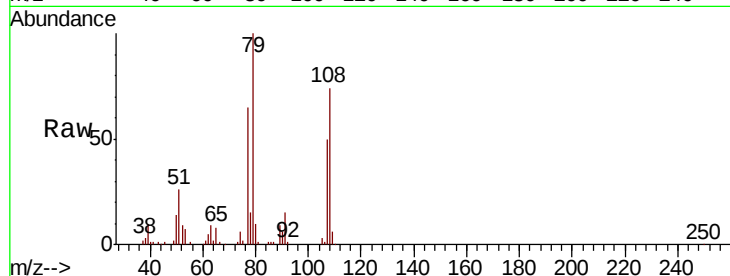
Tot Ion: 79 Resp: 109534

Ion Ratio Lower Upper

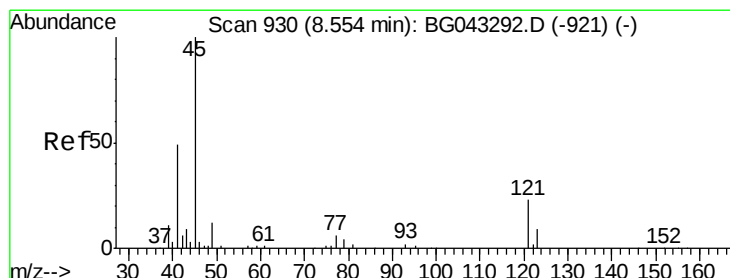
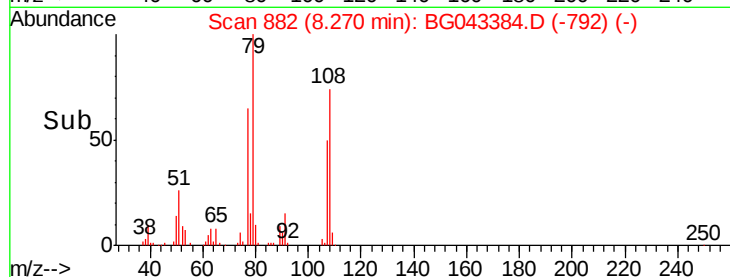
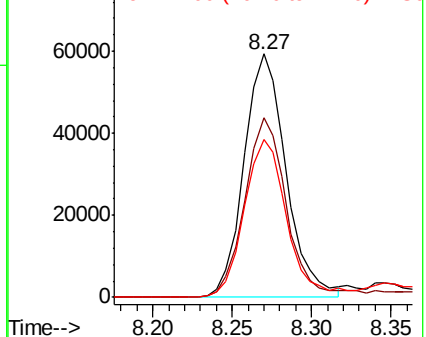
79 100

108 73.8 57.3 85.9

77 65.0 54.6 81.8



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: 39.589 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

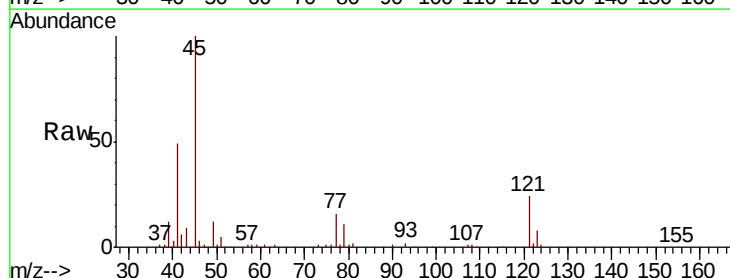
Tgt Ion: 45 Resp: 141963

Ion Ratio Lower Upper

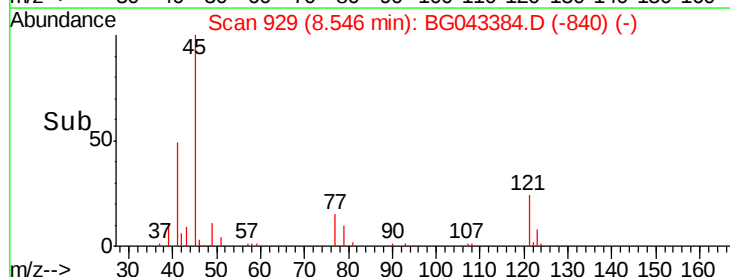
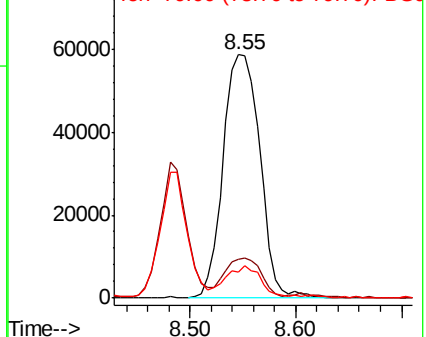
45 100

77 16.0 0.0 34.2

79 10.8 0.0 32.3



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: 46.675 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 108535

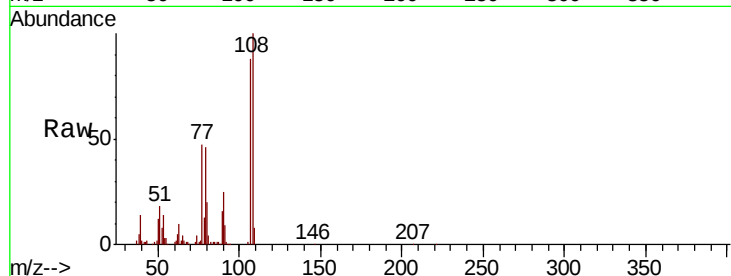
Ion Ratio Lower Upper

107 100

108 113.9 91.3 136.9

77 53.4 43.0 64.6

79 52.4 43.4 65.2

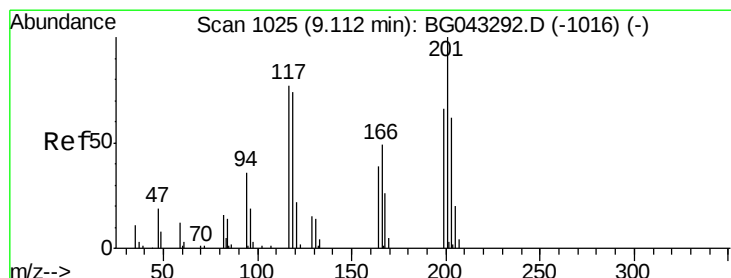
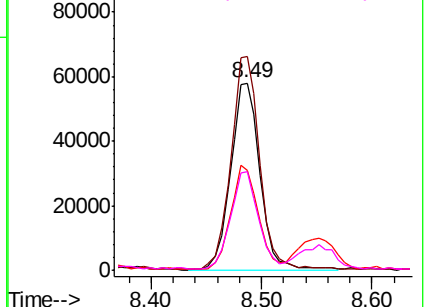
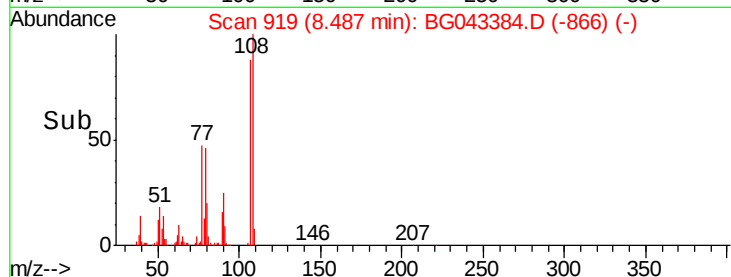


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.457 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

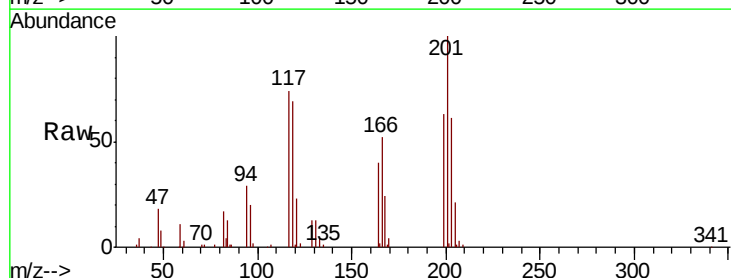
Tgt Ion:117 Resp: 49555

Ion Ratio Lower Upper

117 100

119 94.2 77.3 115.9

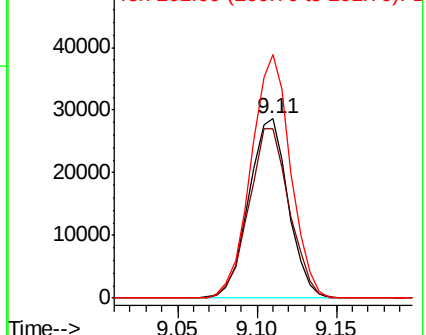
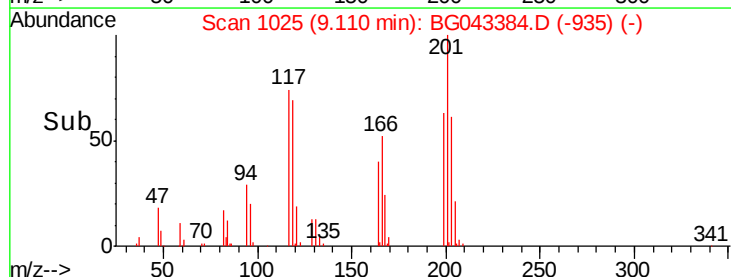
201 135.9 104.2 156.4

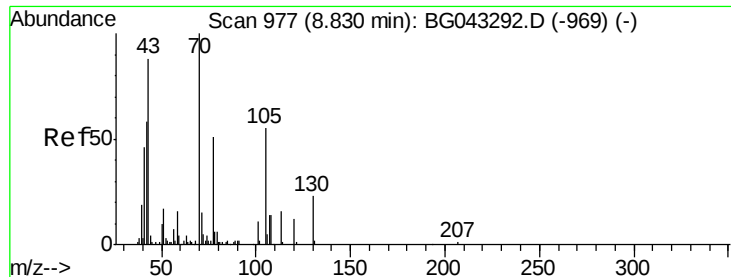


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

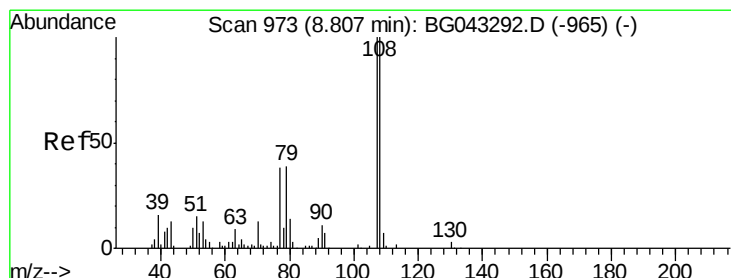
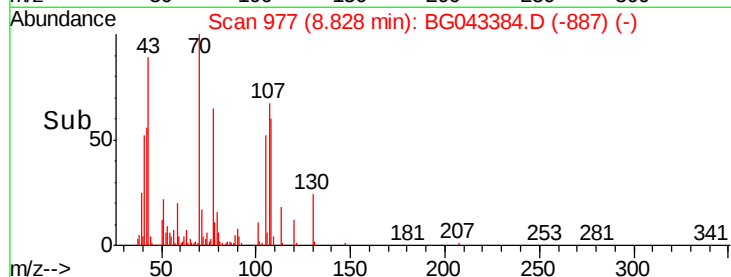
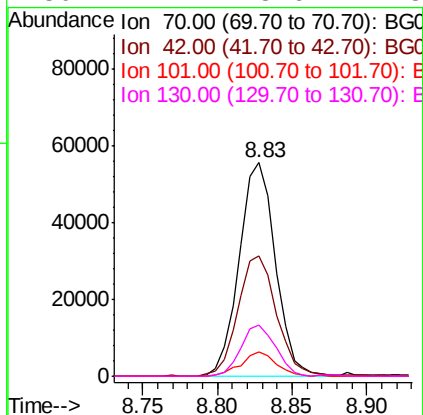
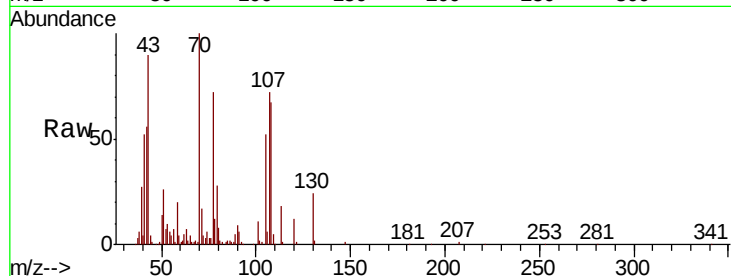




#19
n-Nitroso-di-n-propylamine
Concen: 41.463 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

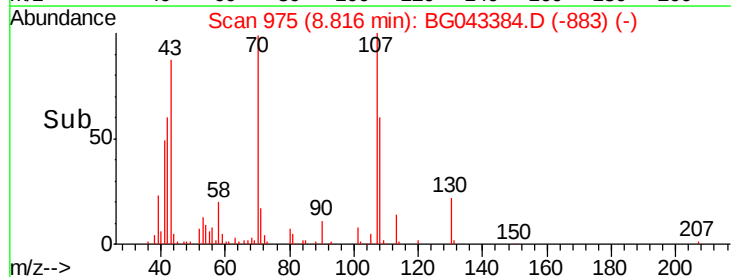
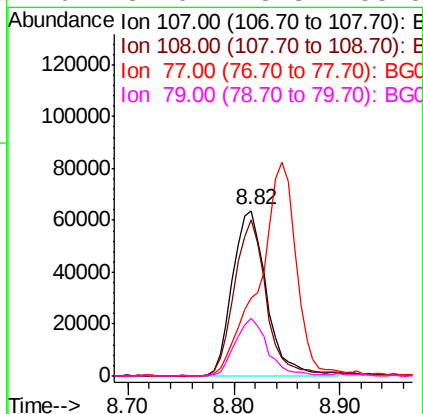
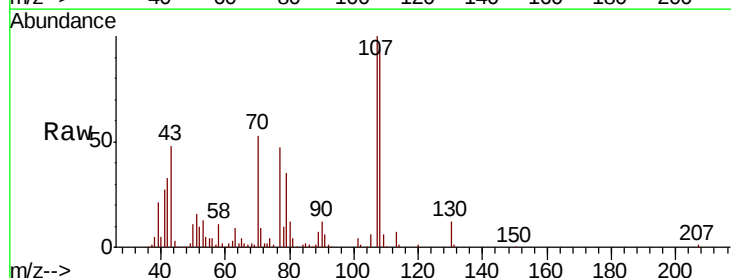
Instrument :
BNA_G
ClientSampleId :

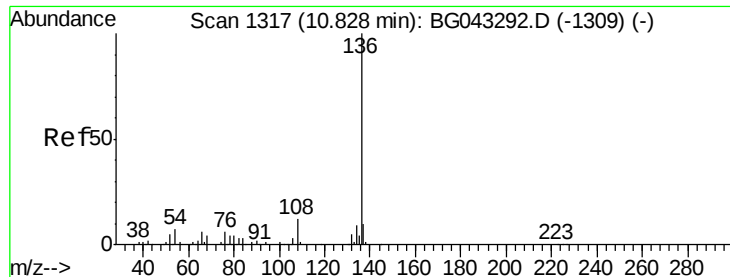
Tot Ion:	70	Resp:	93523
Ion	Ratio	Lower	Upper
70	100		
42	56.3	46.2	69.2
101	11.2	8.6	13.0
130	24.1	18.6	27.8



#20
3+4-Methylphenols
Concen: 44.642 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

Tgt Ion:	107	Resp:	142345
Ion	Ratio	Lower	Upper
107	100		
108	94.2	80.3	120.3
77	47.3	18.2	58.2
79	34.6	18.8	58.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 162494

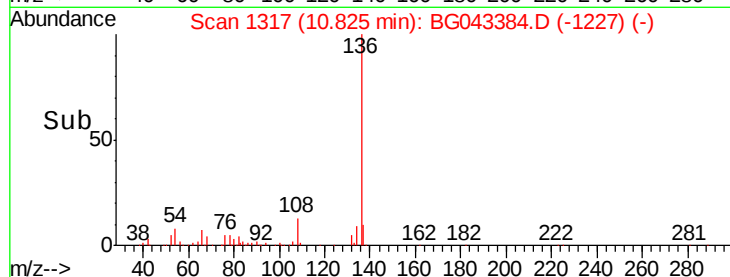
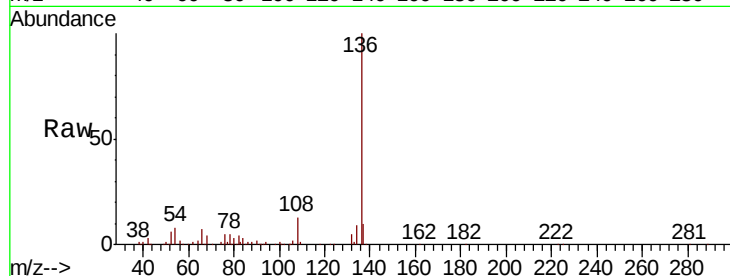
Ion Ratio Lower Upper

136 100

137 10.0 8.2 12.2

54 7.7 5.4 8.2

68 3.7 3.3 4.9

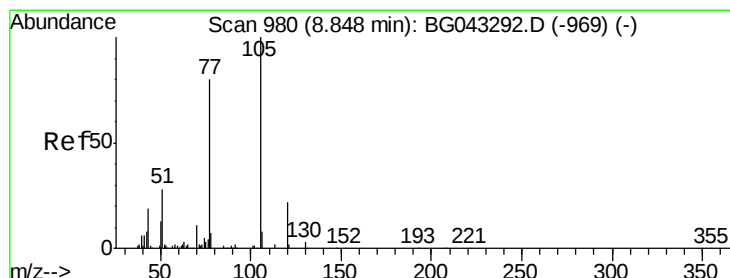
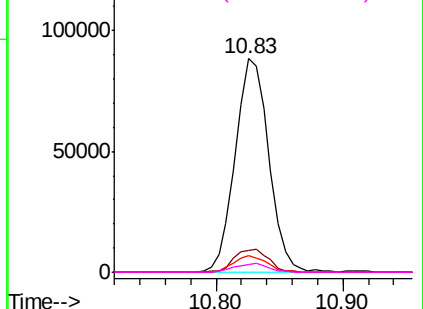


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.169 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Tgt Ion:105 Resp: 179640

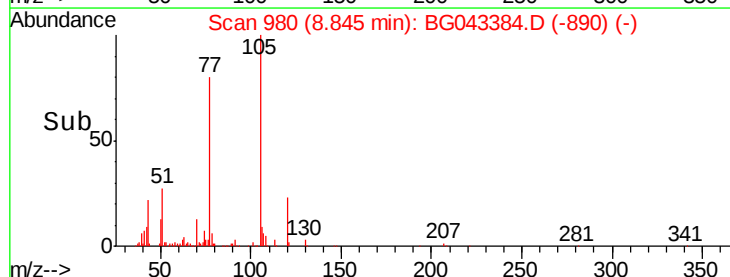
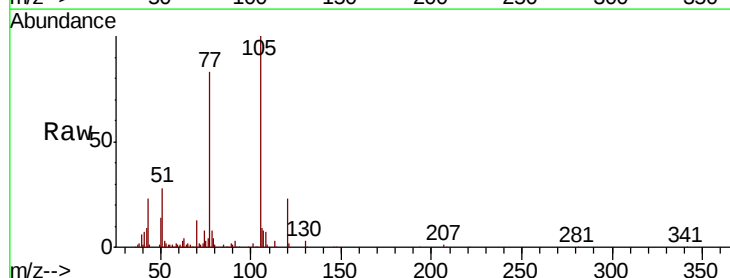
Ion Ratio Lower Upper

105 100

71 1.9 1.5 2.3

51 28.0 23.9 35.9

120 22.8 17.3 25.9

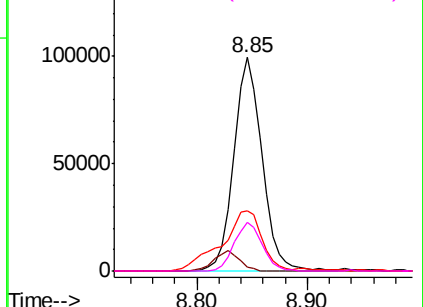


Abundance Ion 105.00 (104.70 to 105.70): E

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: 76.566 ng

RT: 9.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Instrument :

BNA_G

ClientSampleId :

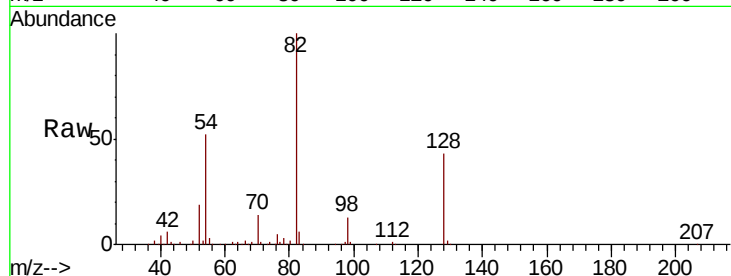
Tot Ion: 82 Resp: 241328

Ion Ratio Lower Upper

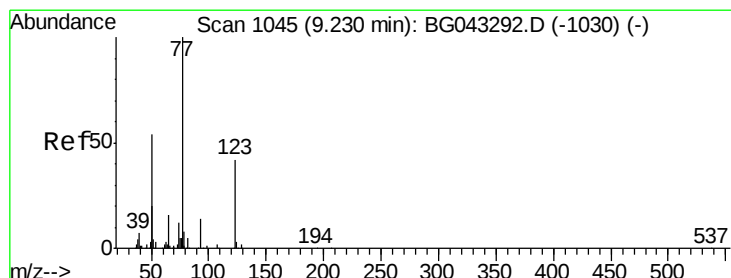
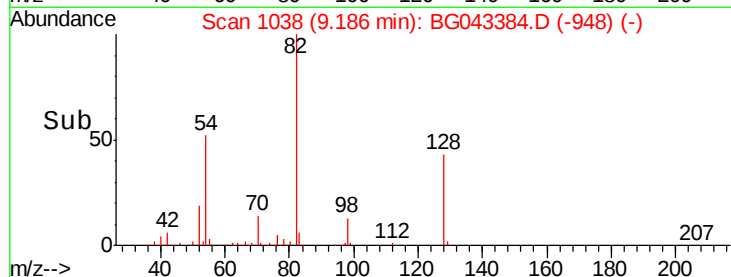
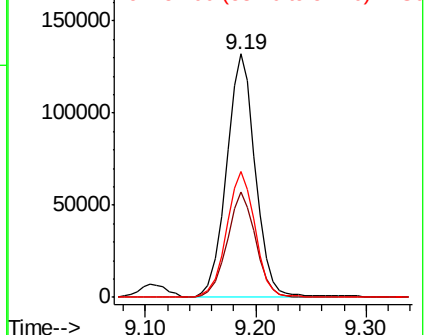
82 100

128 43.3 35.3 52.9

54 51.6 42.3 63.5



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: 46.628 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

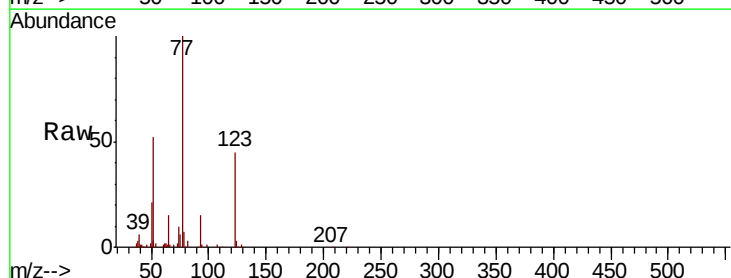
Tgt Ion: 77 Resp: 140003

Ion Ratio Lower Upper

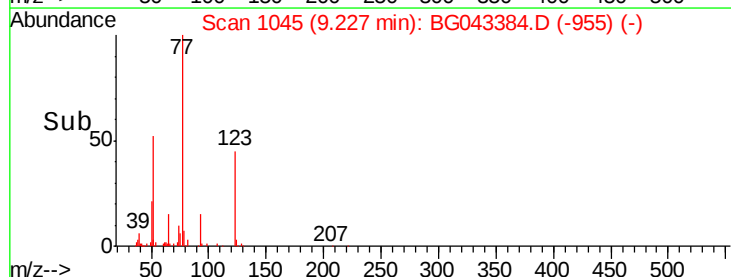
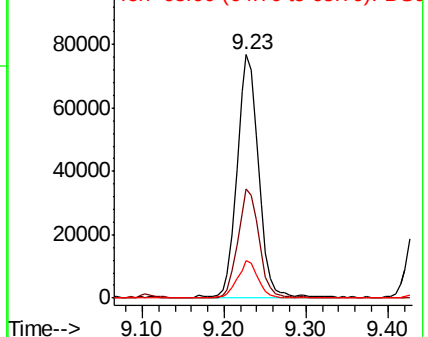
77 100

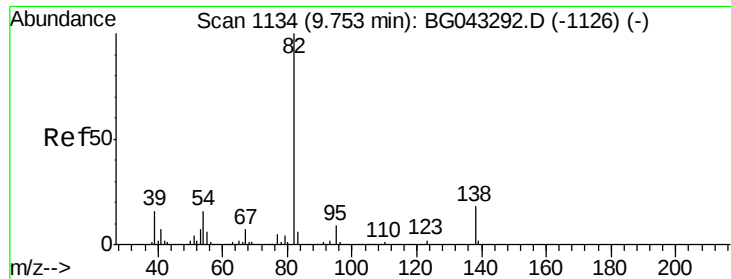
123 44.7 33.8 50.8

65 15.5 13.0 19.4



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: 45.622 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Instrument :

BNA_G

ClientSampleId :

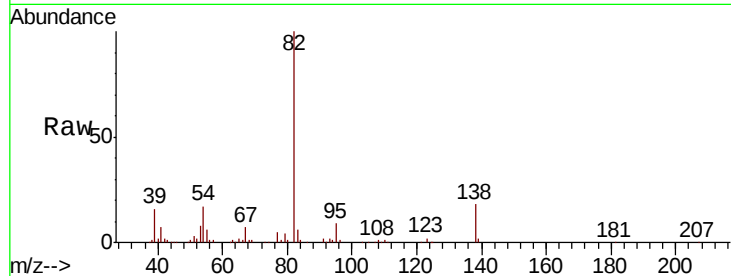
Tot Ion: 82 Resp: 262896

Ion Ratio Lower Upper

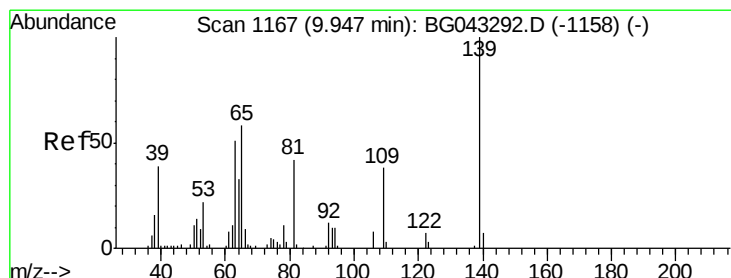
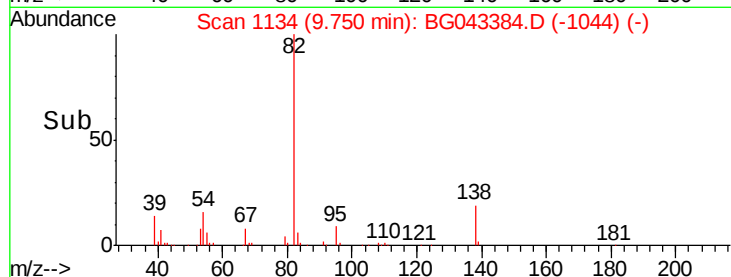
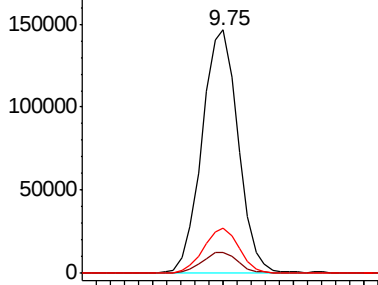
82 100

95 8.8 6.9 10.3

138 18.4 14.2 21.2



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: 51.477 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

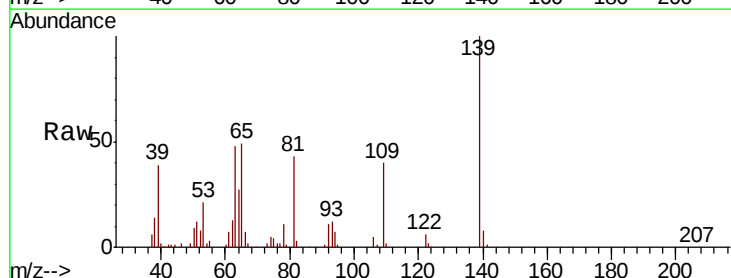
Tgt Ion: 139 Resp: 74620

Ion Ratio Lower Upper

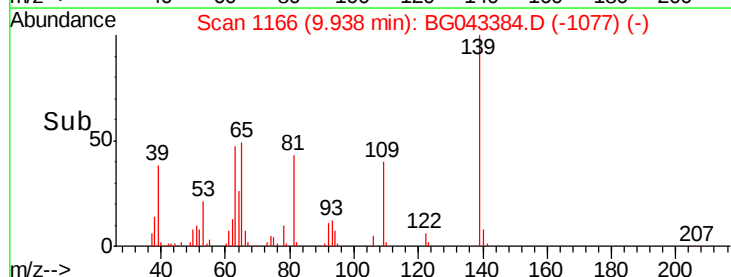
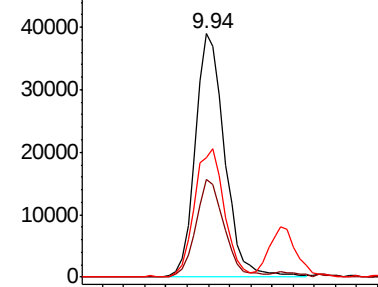
139 100

109 40.1 30.1 45.1

65 49.2 46.1 69.1



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

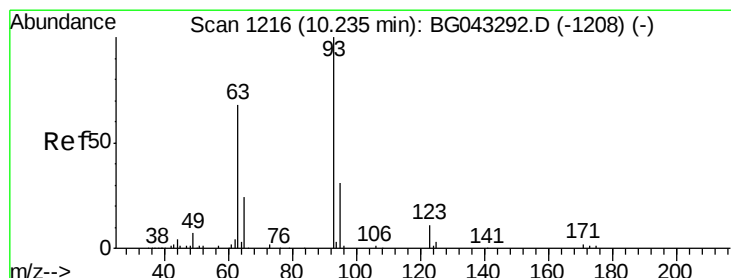
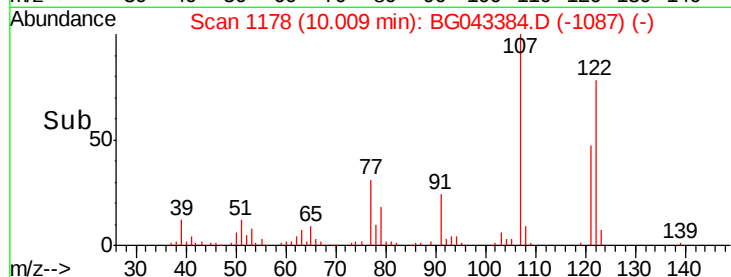
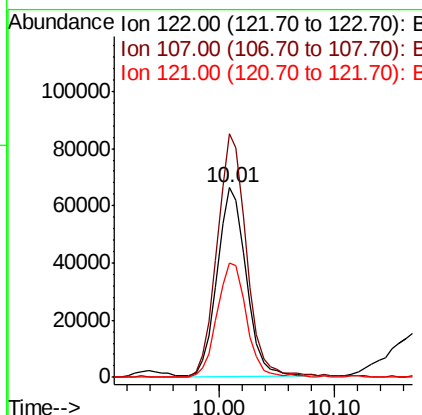
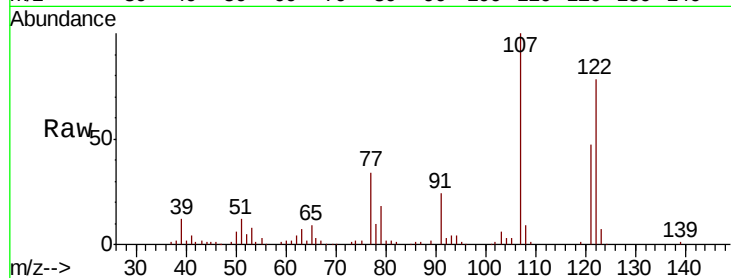




#27
 2,4-Dimethylphenol
 Concen: 55.994 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG043384.D
 Acq: 29 Oct 2019 21:32

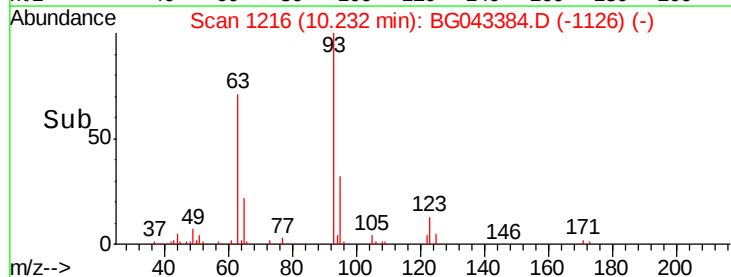
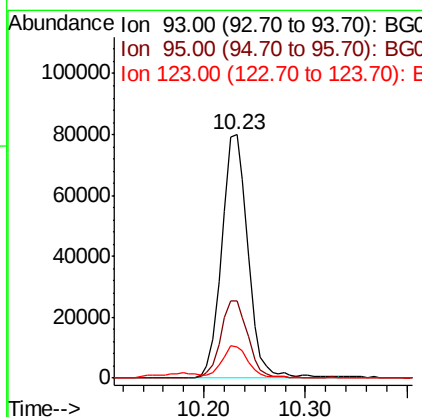
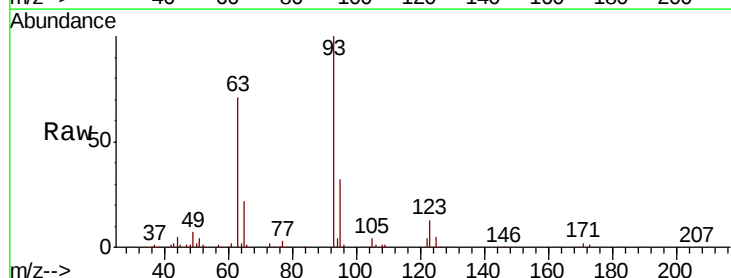
Instrument :
 BNA_G
 ClientSampled :

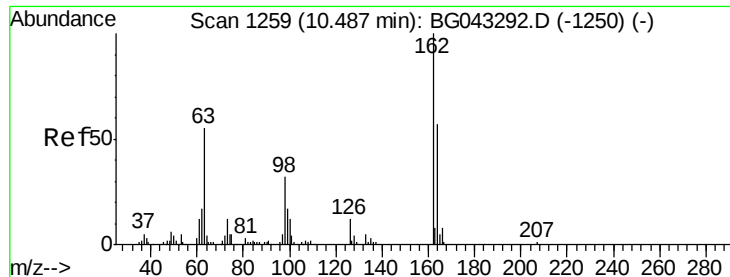
Tot Ion:122 Resp: 116334
 Ion Ratio Lower Upper
 122 100
 107 128.5 98.6 147.8
 121 60.5 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.282 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG043384.D
 Acq: 29 Oct 2019 21:32

Tgt Ion: 93 Resp: 144016
 Ion Ratio Lower Upper
 93 100
 95 31.9 24.9 37.3
 123 13.0 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 51.673 ng

RT: 10.49 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Instrument :

BNA_G

ClientSampleId :

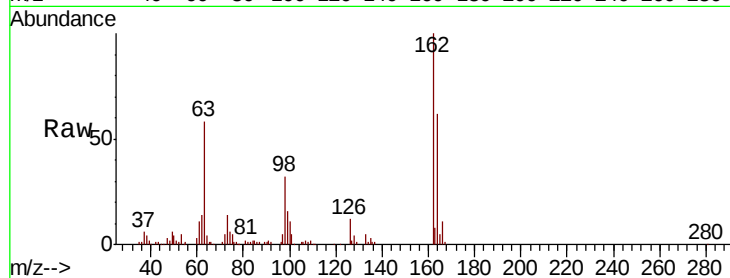
Tot Ion:162 Resp: 137554

Ion Ratio Lower Upper

162 100

164 62.2 37.3 77.3

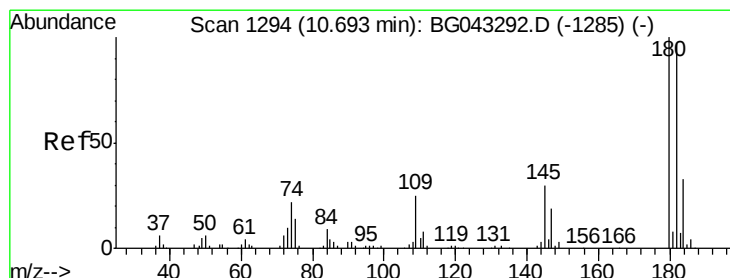
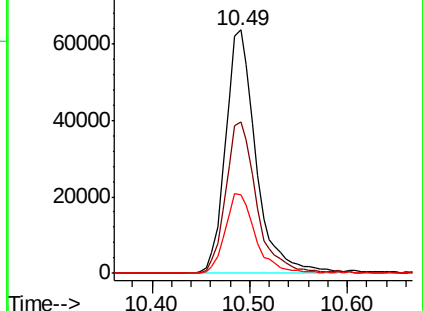
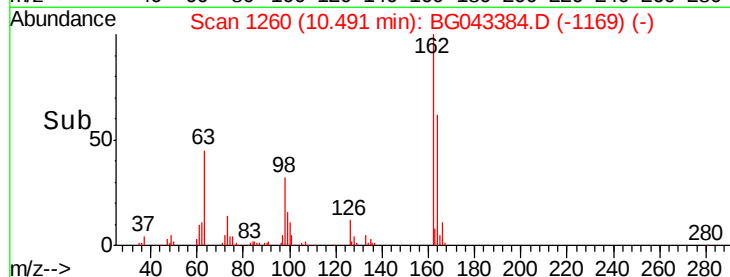
98 32.1 11.8 51.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 45.423 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

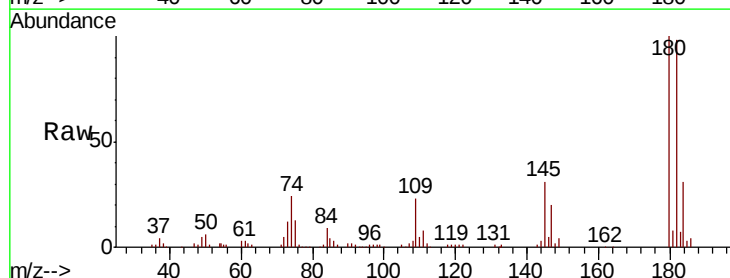
Tgt Ion:180 Resp: 152398

Ion Ratio Lower Upper

180 100

182 98.0 77.8 116.8

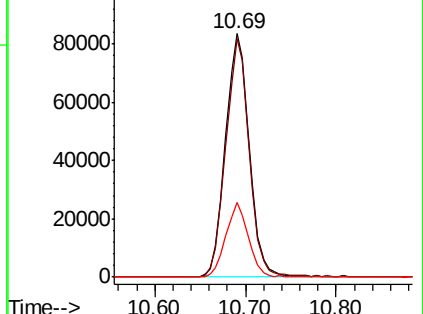
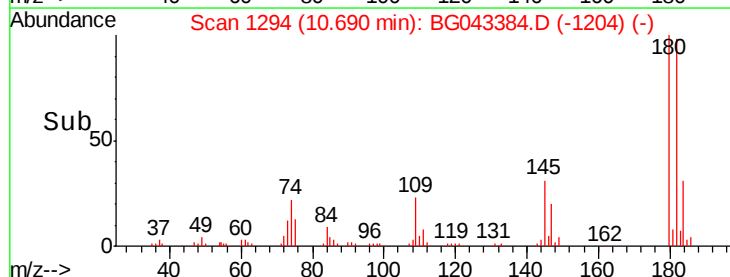
145 30.7 23.6 35.4



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

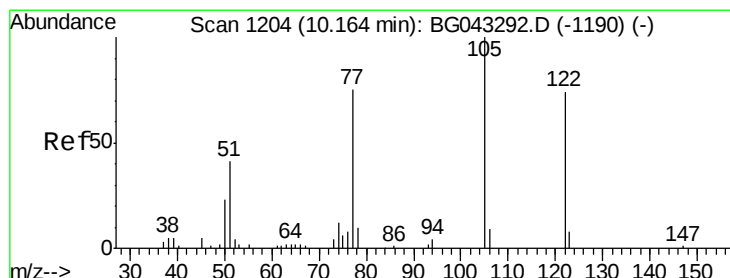
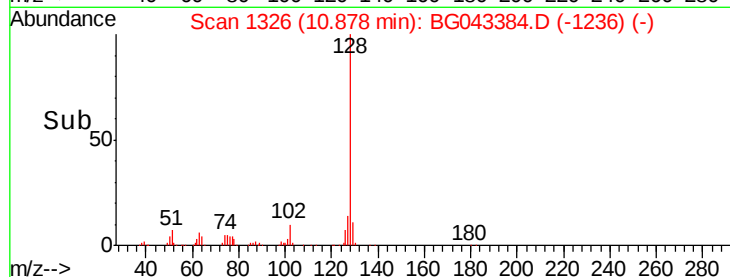
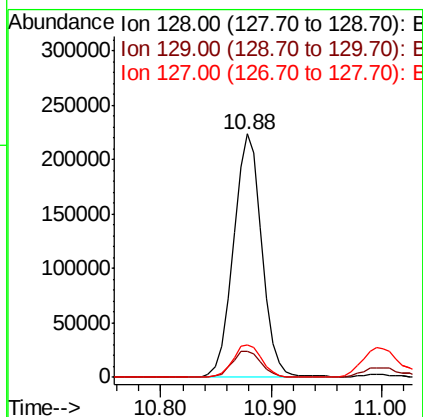
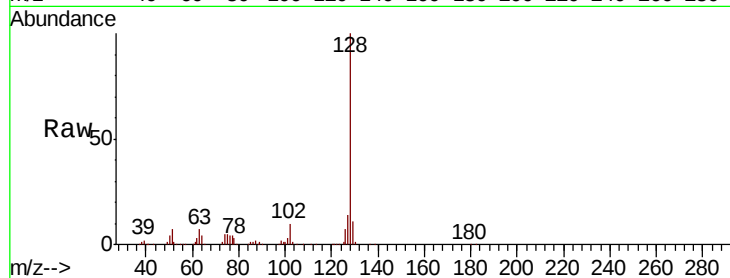




#31
Naphthalene
Concen: 48.785 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

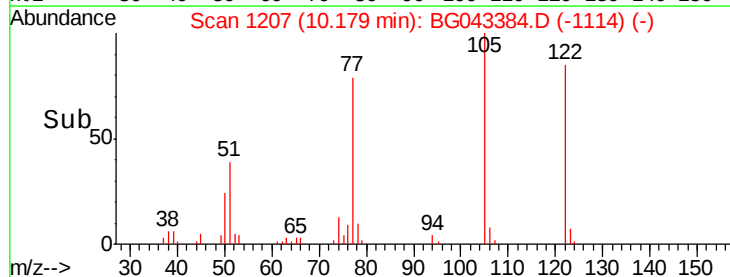
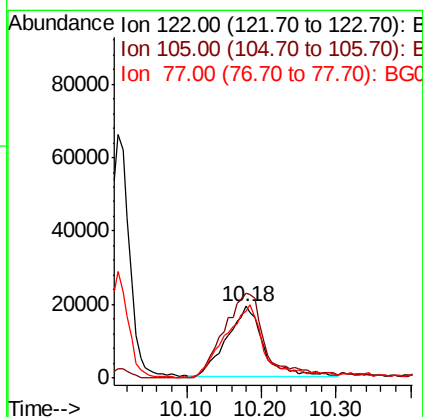
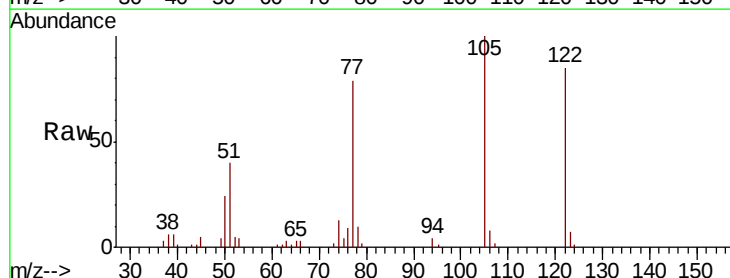
Instrument :
BNA_G
ClientSampleId :

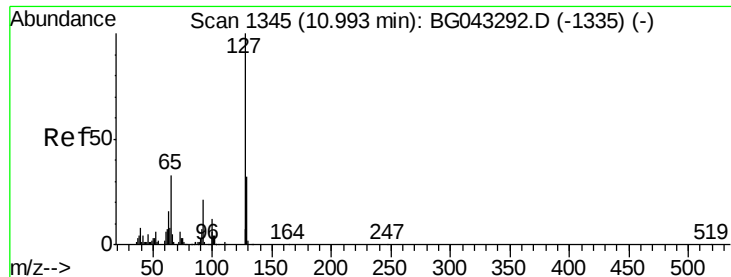
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.5	11.5	17.3



#32
Benzoic acid
Concen: 42.253 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.3	112.4	152.4
77	93.5	82.7	122.7

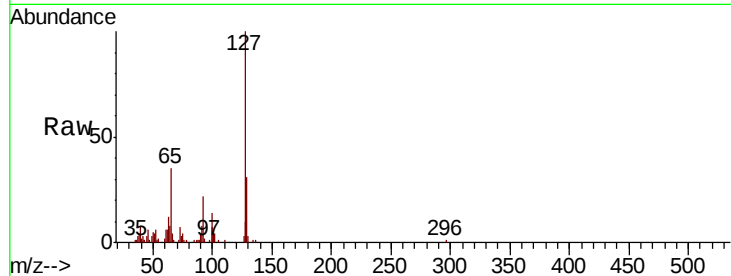




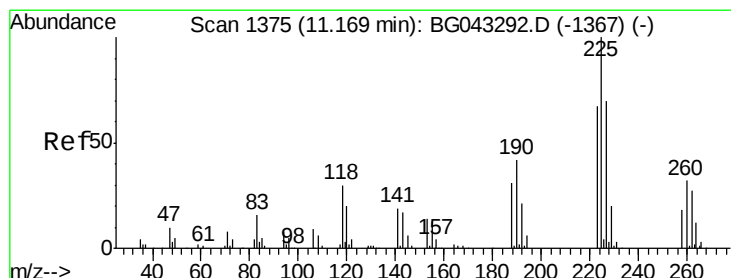
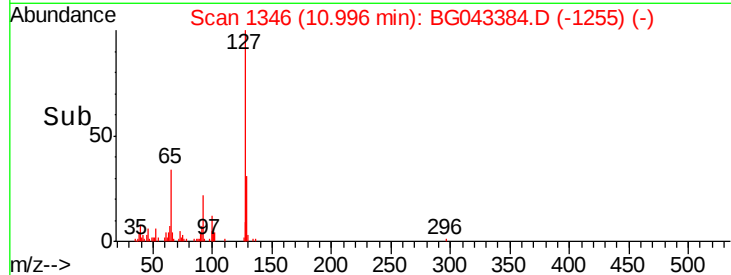
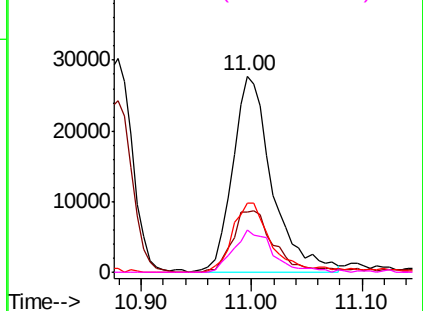
#33
4-Chloroaniline
Concen: 20.559 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	69510
Ion Ratio	Lower	Upper
127	100	
129	30.8	25.8 38.8
65	35.0	26.2 39.2
92	21.8	17.0 25.4

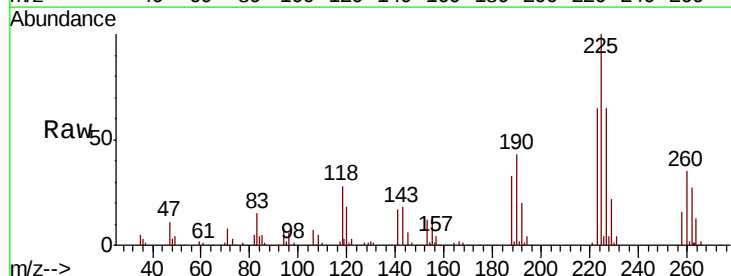


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

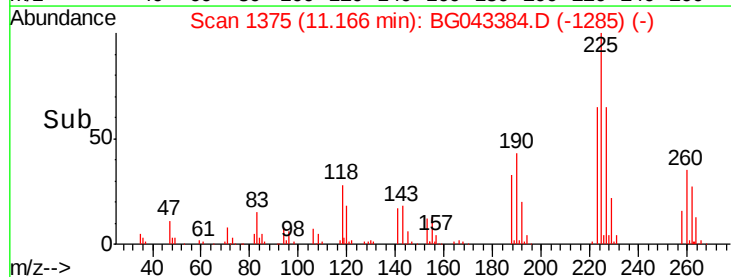
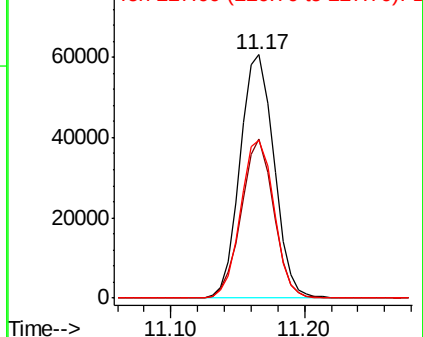


#34
Hexachlorobutadiene
Concen: 43.052 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

Tgt Ion:225	Resp:	106777
Ion Ratio	Lower	Upper
225	100	
223	65.2	53.2 79.8
227	64.8	56.2 84.2



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





#35

Caprolactam

Concen: 26.457 ng

RT: 11.77 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Instrument :

BNA_G

ClientSampled :

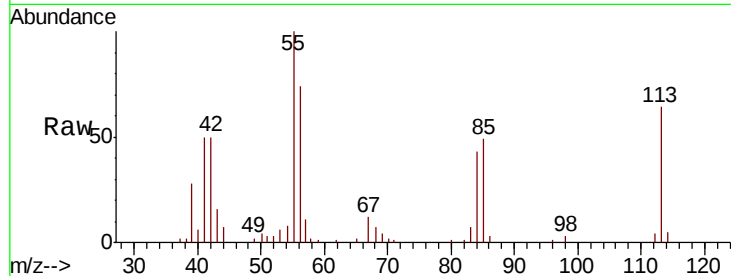
Tot Ion:113 Resp: 24256

Ion Ratio Lower Upper

113 100

55 156.0 158.9 198.9#

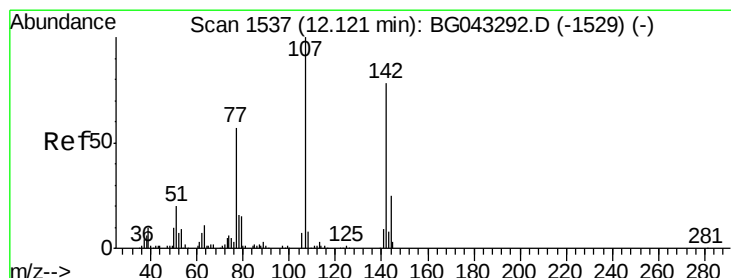
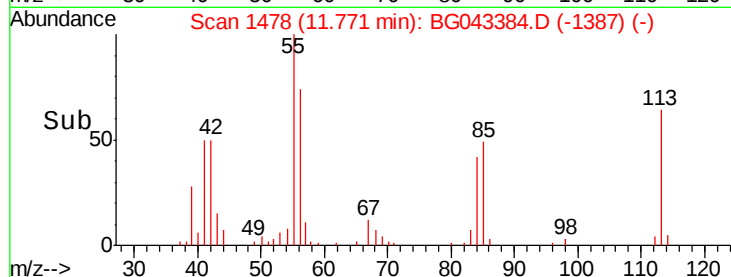
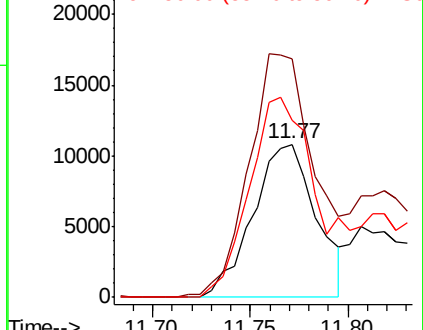
56 115.8 121.4 161.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 48.891 ng

RT: 12.13 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

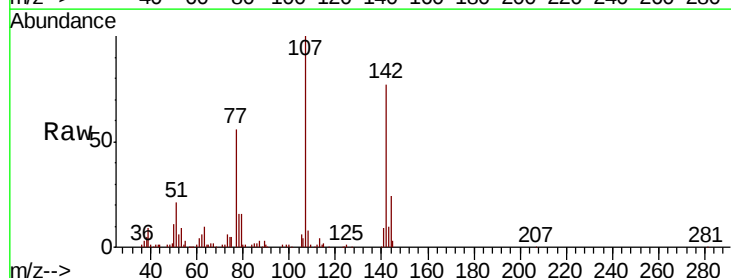
Tgt Ion:107 Resp: 141964

Ion Ratio Lower Upper

107 100

144 24.2 19.9 29.9

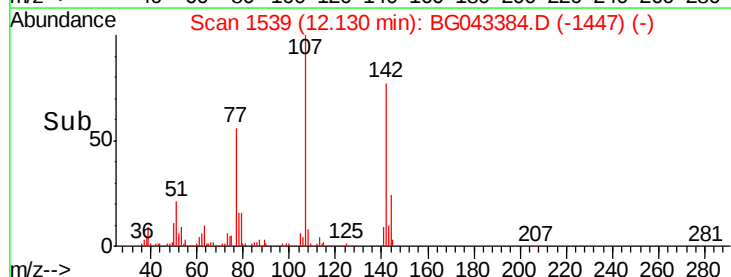
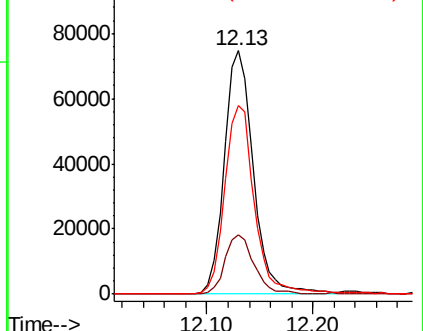
142 77.5 62.1 93.1



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

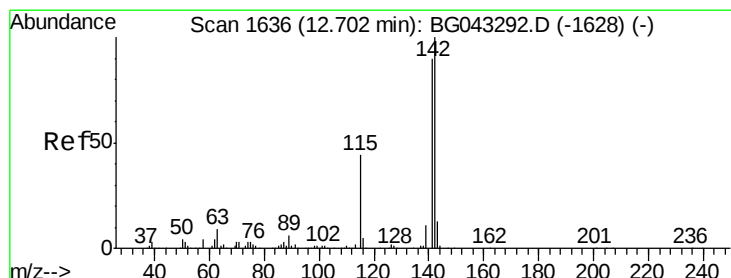
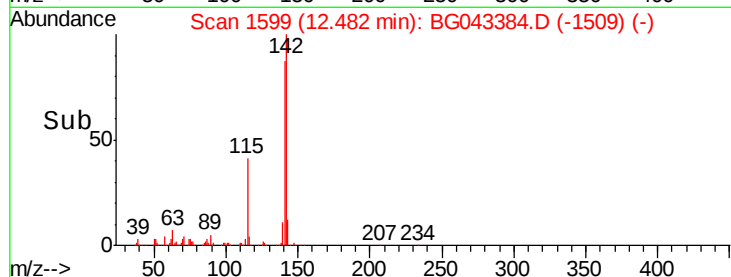
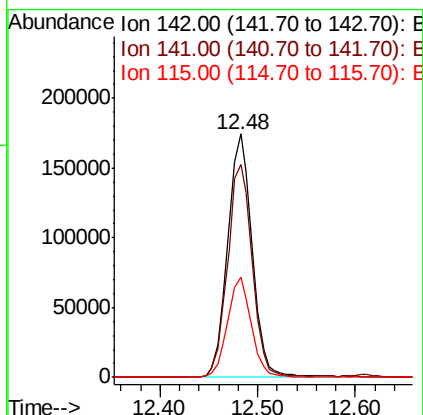
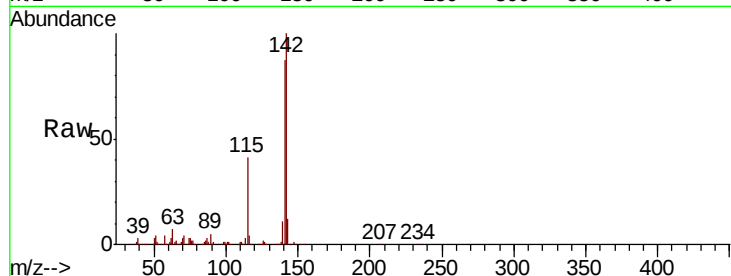




#37
2-Methylnaphthalene
Concen: 47.964 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

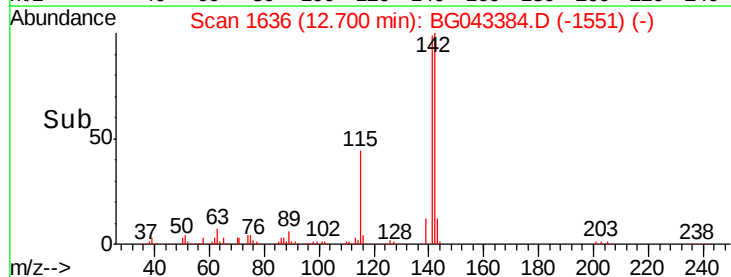
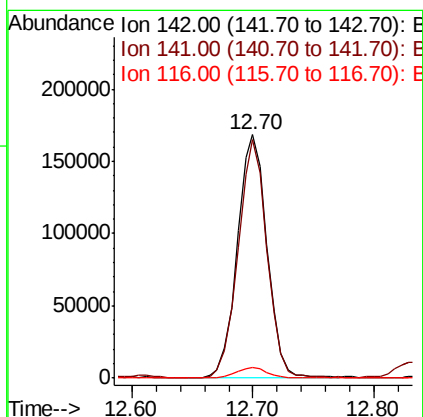
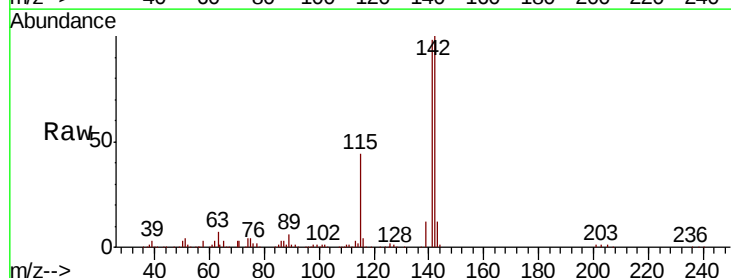
Instrument :
BNA_G
ClientSampleId :

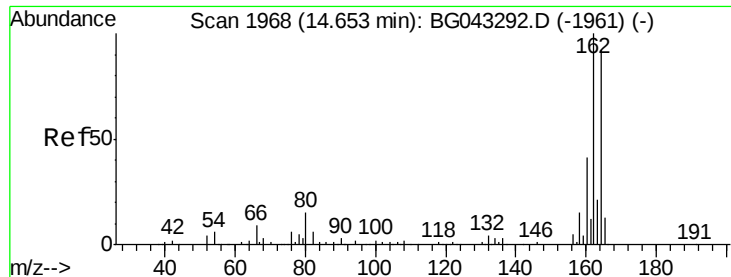
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.7	104.5
115	41.0	30.6	46.0



#38
1-Methylnaphthalene
Concen: 47.488 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.2	72.3	108.5
116	4.4	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Instrument :

BNA_G

ClientSampled :

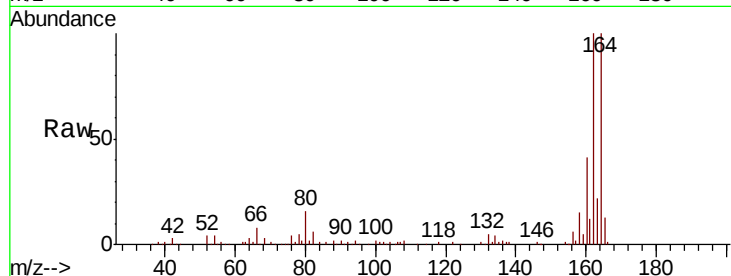
Tot Ion:164 Resp: 117657

Ion Ratio Lower Upper

164 100

162 99.6 87.0 130.4

160 41.1 35.5 53.3

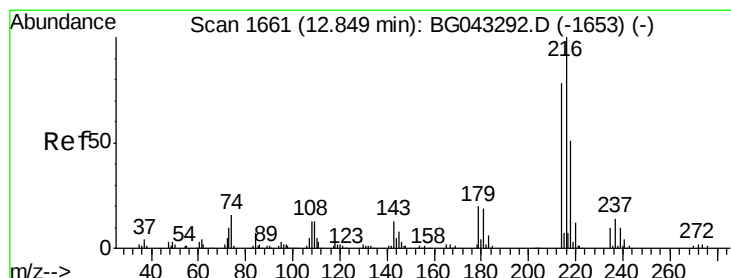
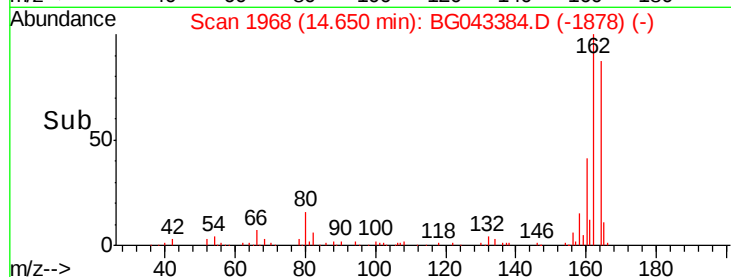
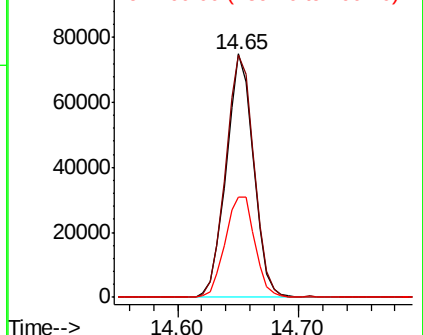


Abundance

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: 45.477 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Tgt Ion:216 Resp: 198021

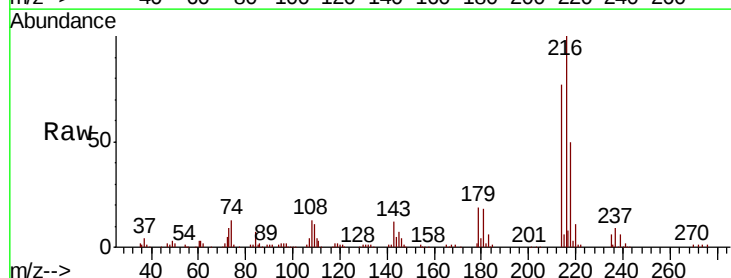
Ion Ratio Lower Upper

216 100

214 77.9 63.5 95.3

179 19.5 16.2 24.2

108 15.5 11.2 16.8



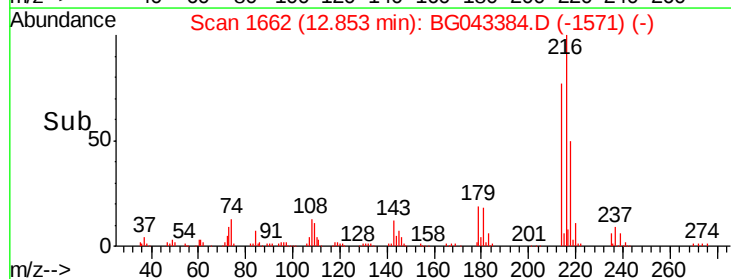
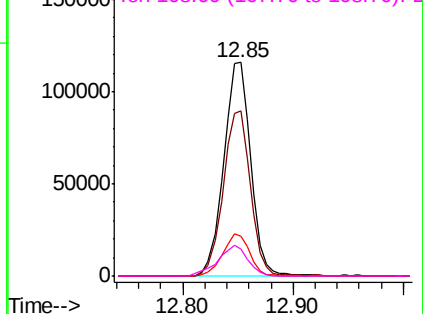
Abundance

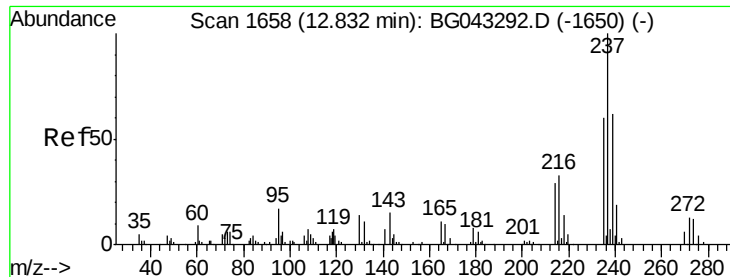
Ion 216.00 (215.70 to 216.70): E

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: 83.899 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Instrument :

BNA_G

ClientSampleId :

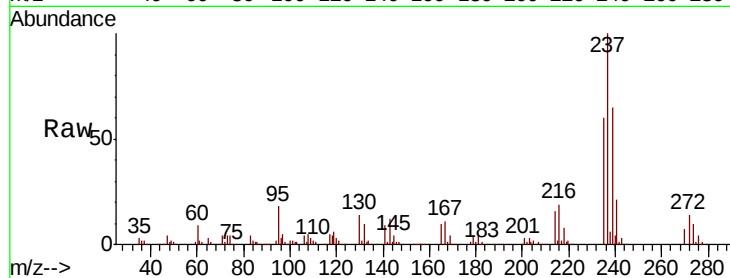
Tot Ion:237 Resp: 191905

Ion Ratio Lower Upper

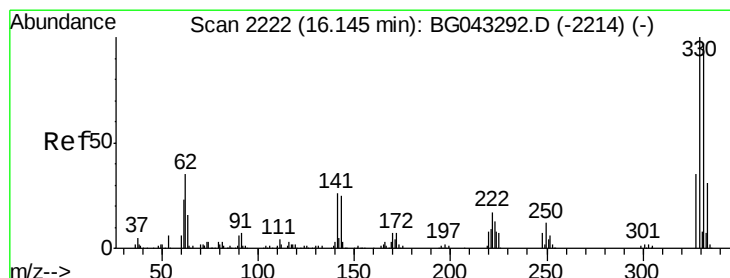
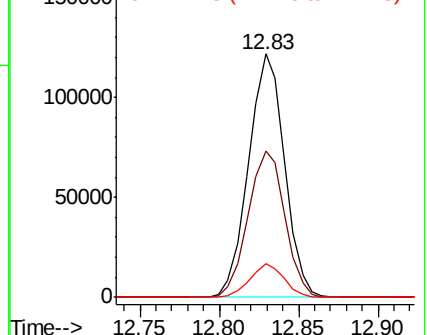
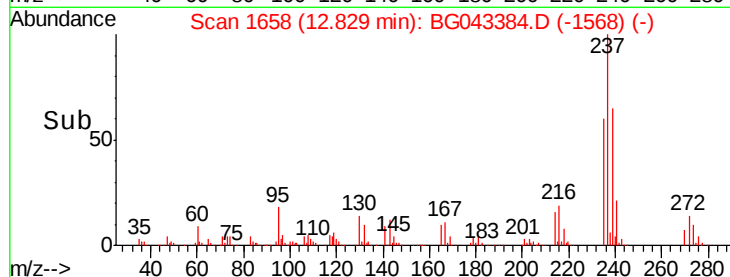
237 100

235 60.3 40.3 80.3

272 14.1 0.0 32.9



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: 108.157 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

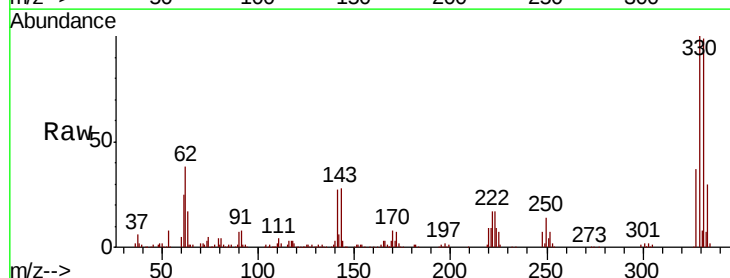
Tgt Ion:330 Resp: 242165

Ion Ratio Lower Upper

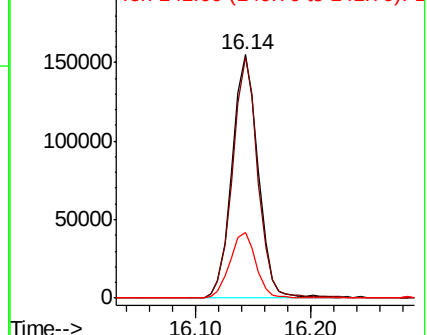
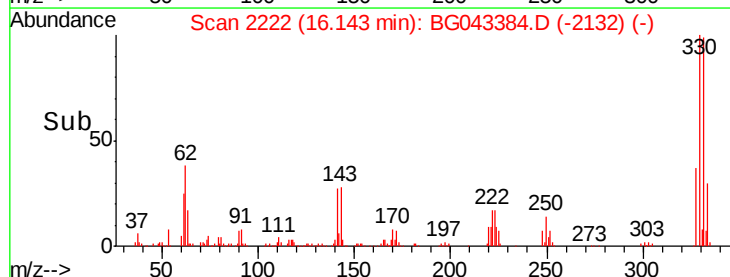
330 100

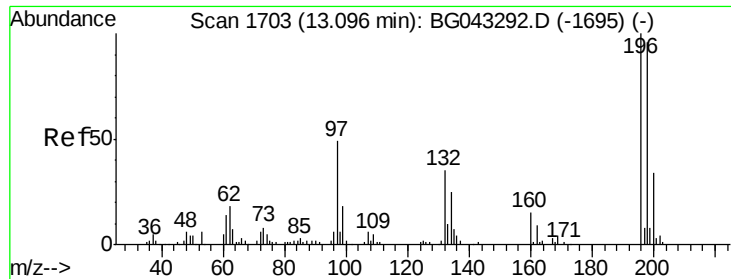
332 96.4 76.4 114.6

141 27.5 21.4 32.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

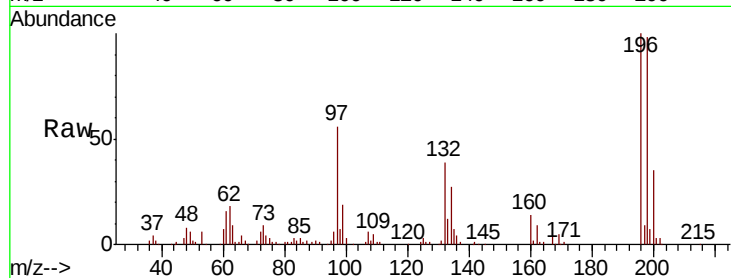




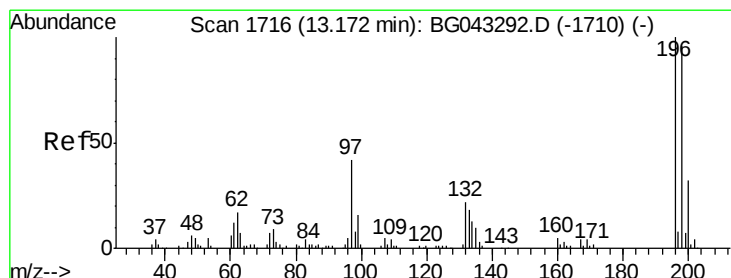
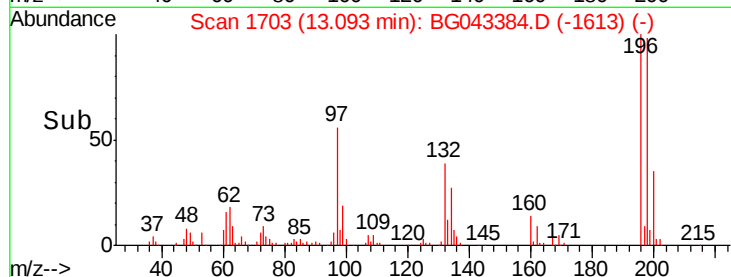
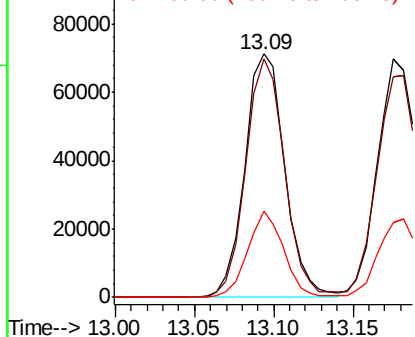
#43
 2,4,6-Trichlorophenol
 Concen: 48.762 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043384.D
 Acq: 29 Oct 2019 21:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 125040
 Ion Ratio Lower Upper
 196 100
 198 98.1 77.0 115.4
 200 35.3 27.4 41.2

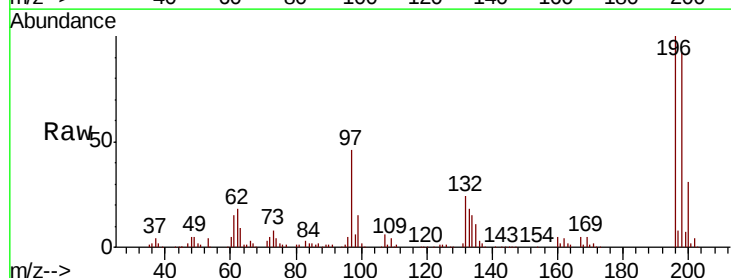


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

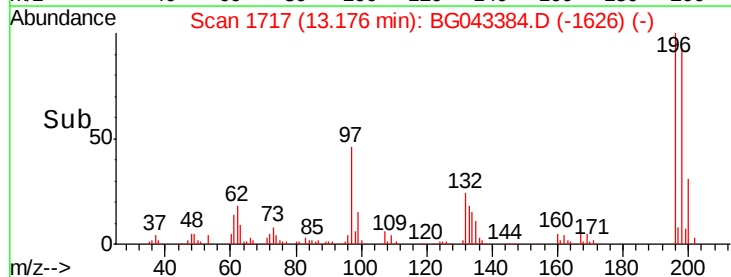
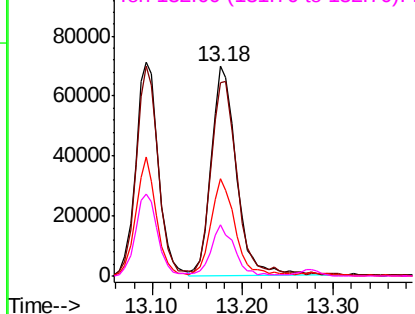


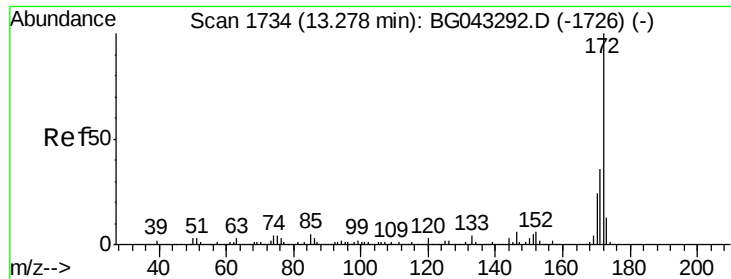
#44
 2,4,5-Trichlorophenol
 Concen: 51.659 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043384.D
 Acq: 29 Oct 2019 21:32

Tgt Ion:196 Resp: 133923
 Ion Ratio Lower Upper
 196 100
 198 92.3 76.6 114.8
 97 46.2 34.1 51.1
 132 24.3 18.2 27.4



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

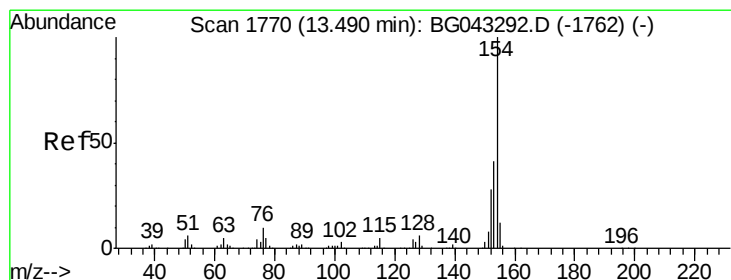
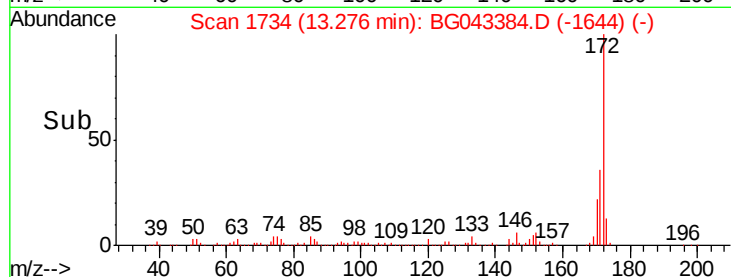
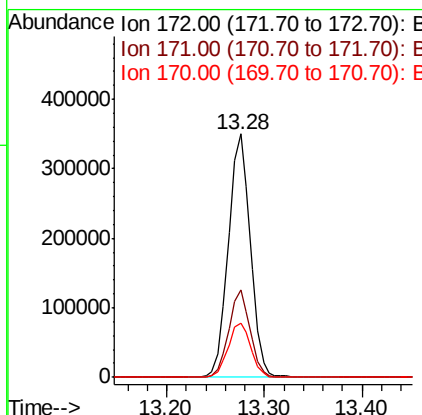
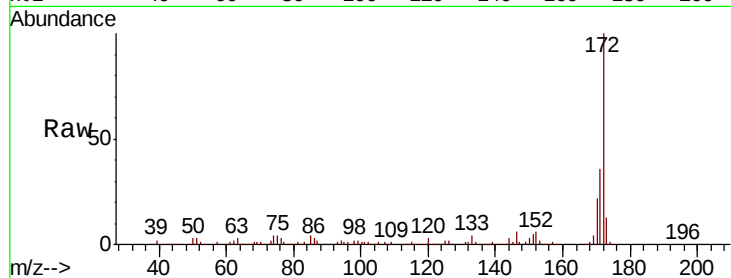




#45
2-Fluorobiphenyl
Concen: 64.346 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

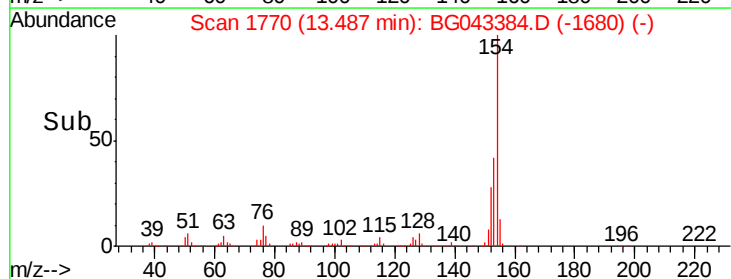
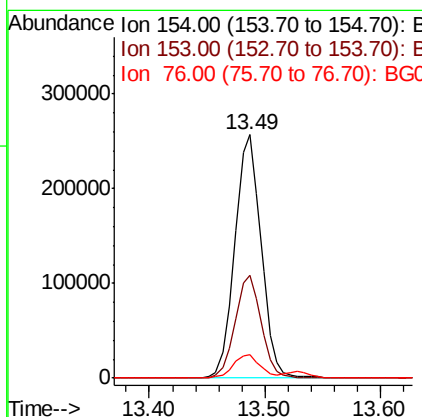
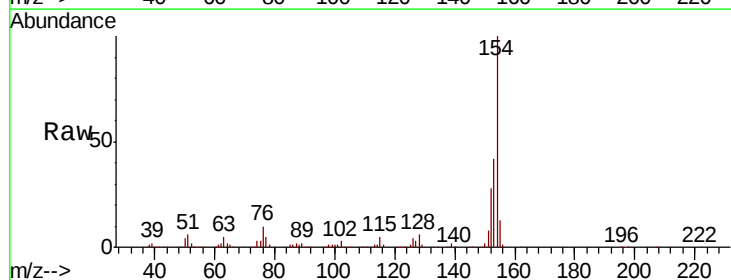
Instrument :
BNA_G
ClientSampleId :

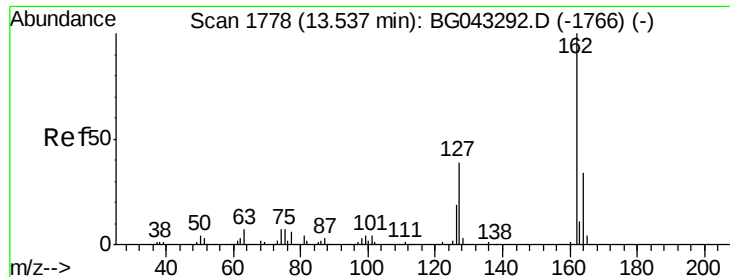
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	22.2	18.8	28.2



#46
1,1'-Biphenyl
Concen: 45.183 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.0	61.0
76	9.6	0.0	29.8

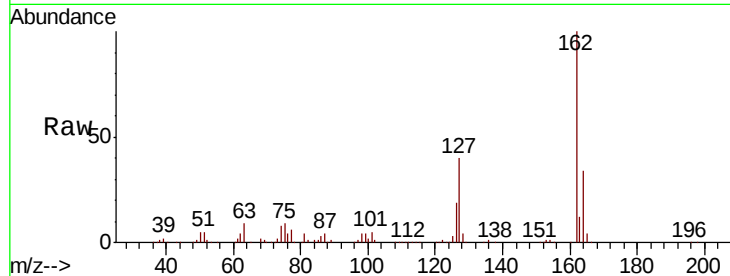




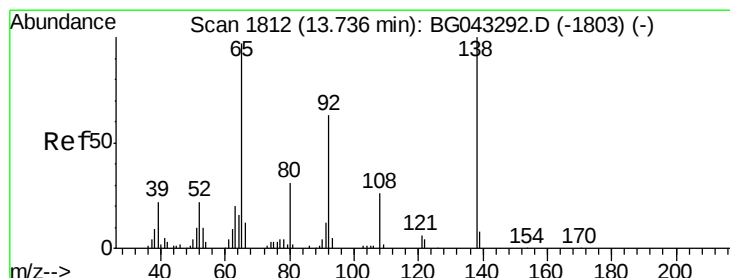
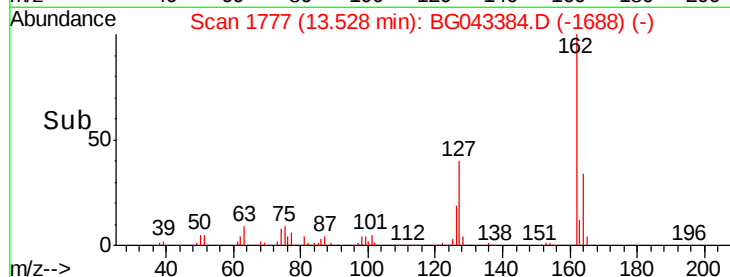
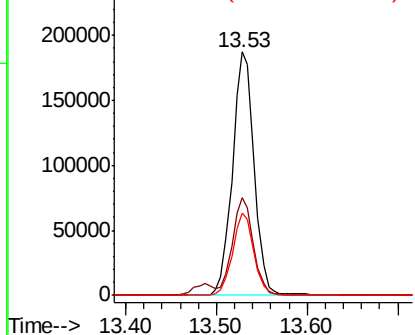
#47
2-Chloronaphthalene
Concen: 45.957 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:162 Resp: 312982
Ion Ratio Lower Upper
162 100
127 40.4 31.3 46.9
164 33.9 26.8 40.2

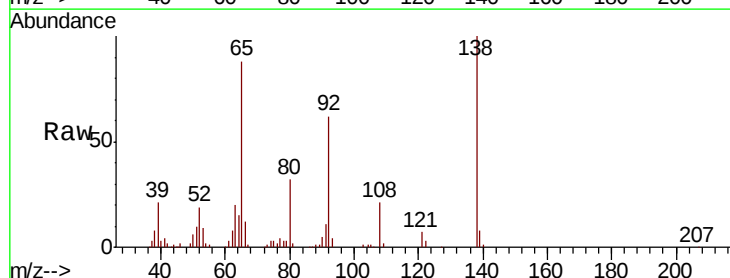


Abundance Ion 162.00 (161.70 to 162.70): E
250000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

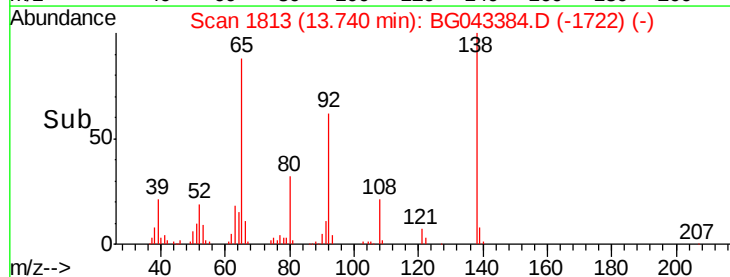
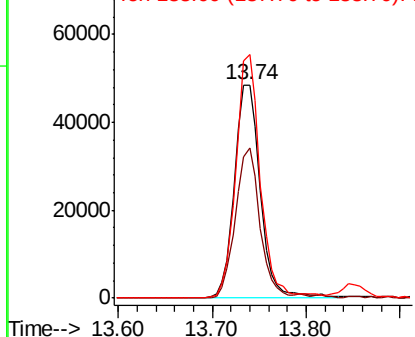


#48
2-Nitroaniline
Concen: 45.806 ng
RT: 13.74 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

Tgt Ion: 65 Resp: 93237
Ion Ratio Lower Upper
65 100
92 70.3 52.6 79.0
138 114.0 82.9 124.3



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: 47.925 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

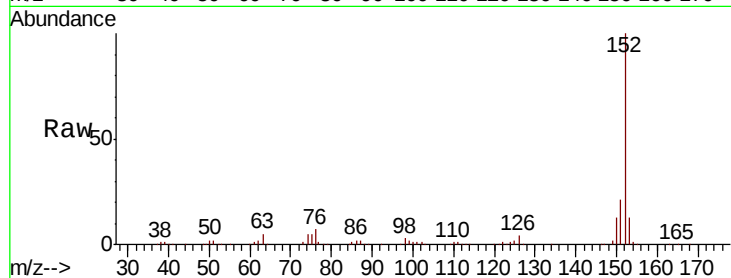
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 507967

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.2	25.8
153	13.2	11.0	16.6

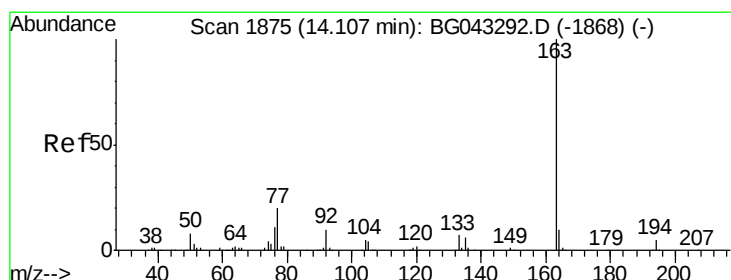
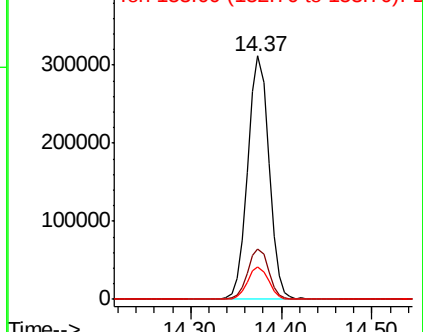
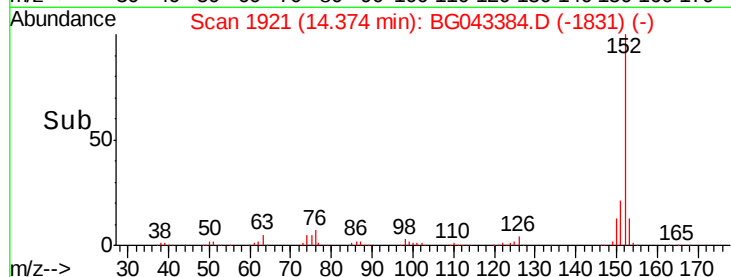


Abundance

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: 53.411 ng

RT: 14.11 min Scan# 1876

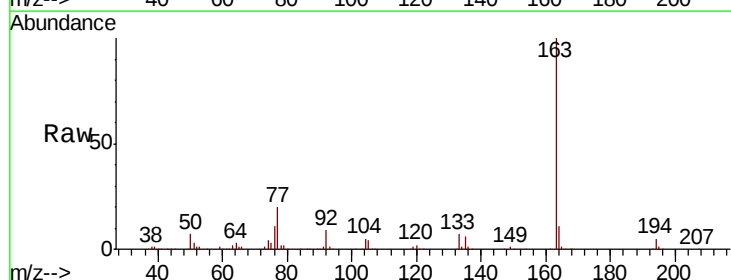
Delta R.T. 0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Tgt Ion:163 Resp: 486753

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.7	5.5
164	10.7	8.1	12.1

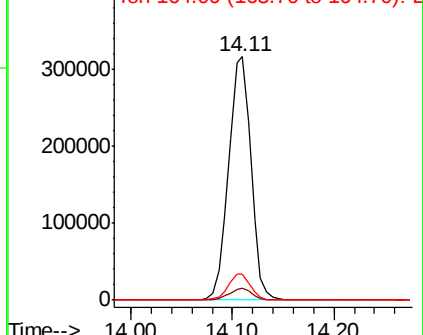
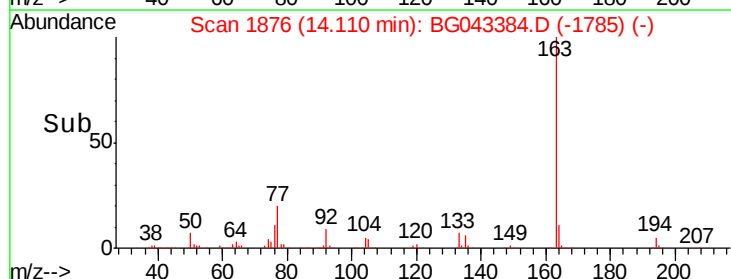


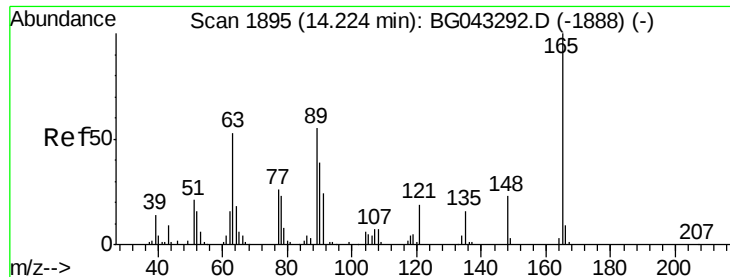
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.759 ng

RT: 14.23 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Instrument :

BNA_G

ClientSampled :

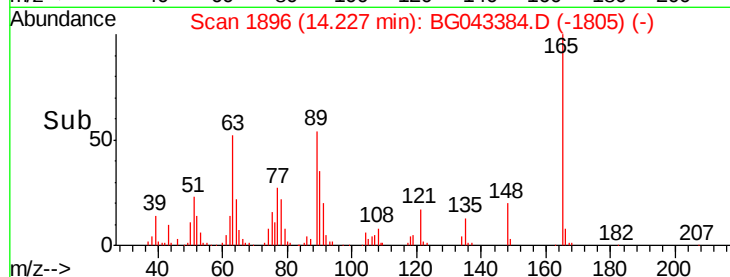
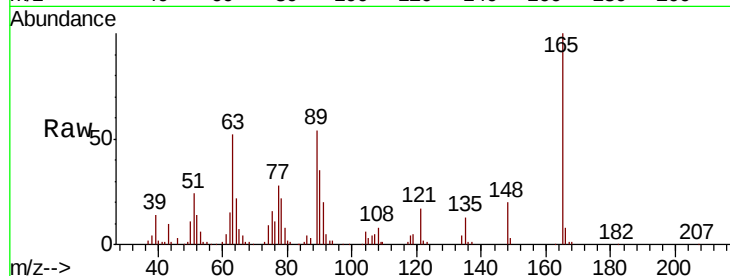
Tot Ion:165 Resp: 94555

Ion Ratio Lower Upper

165 100

63 52.5 47.1 70.7

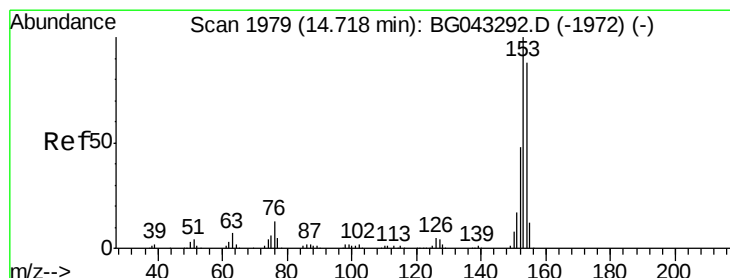
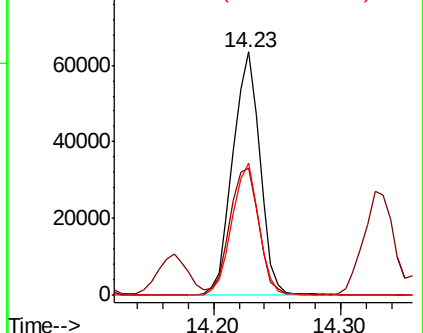
89 54.5 43.7 65.5



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: 48.292 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

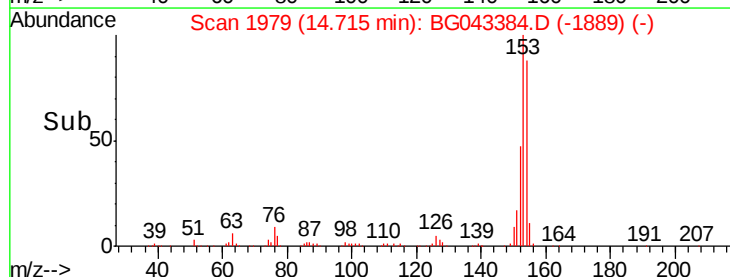
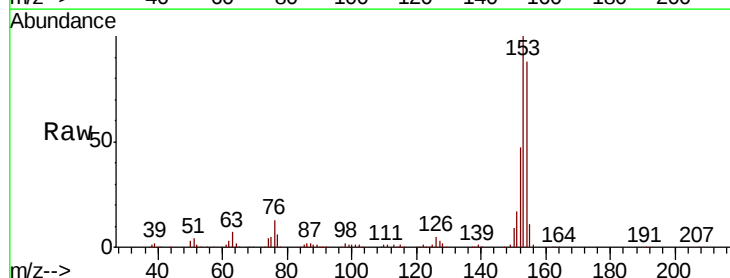
Tgt Ion:154 Resp: 312147

Ion Ratio Lower Upper

154 100

153 113.6 90.9 136.3

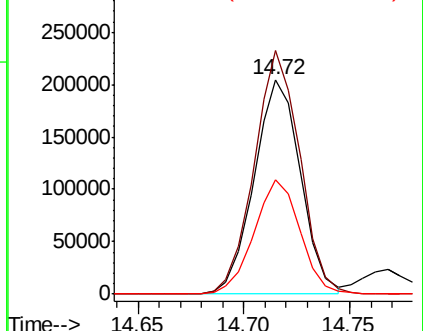
152 53.3 43.9 65.9

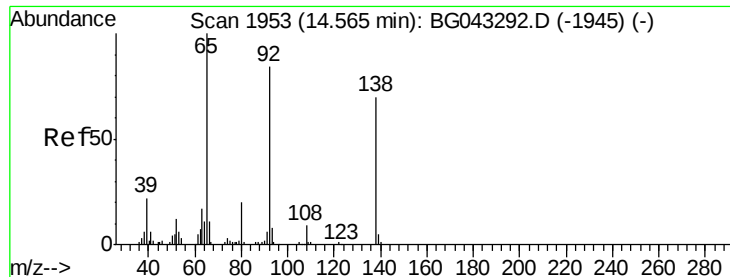


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

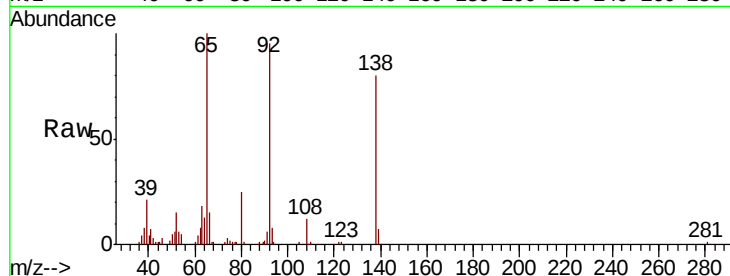




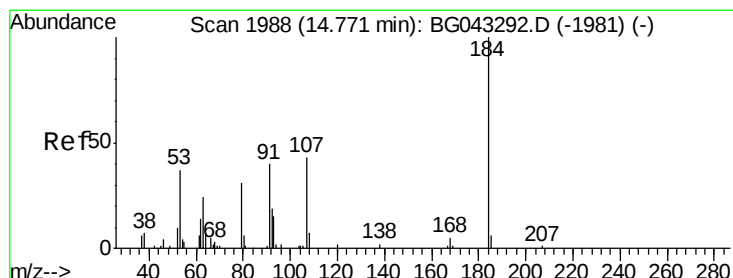
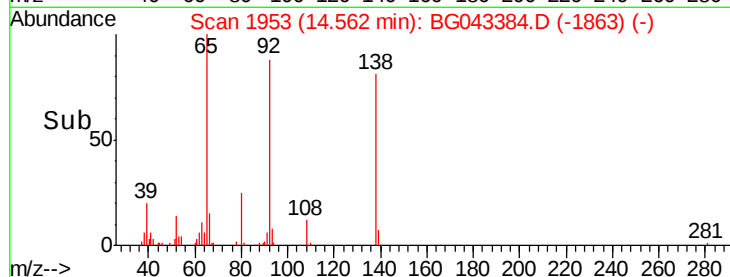
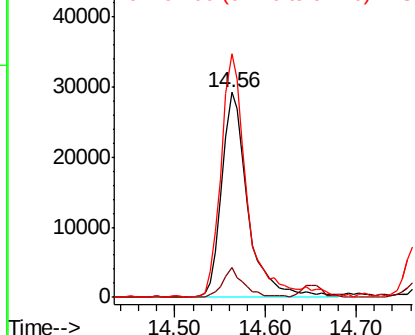
#53
3-Nitroaniline
Concen: 30.556 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 58409
Ion Ratio Lower Upper
138 100
108 14.4 9.8 14.6
92 118.7 95.8 143.6

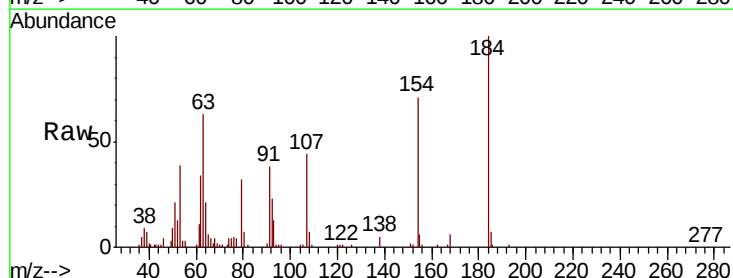


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

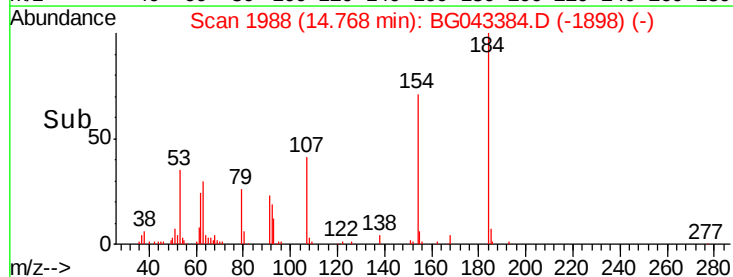
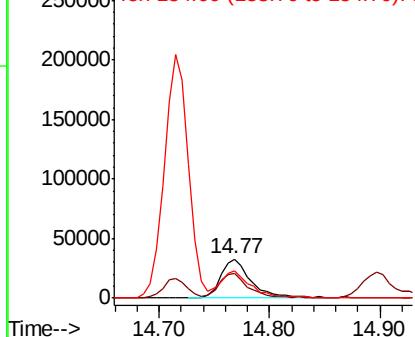


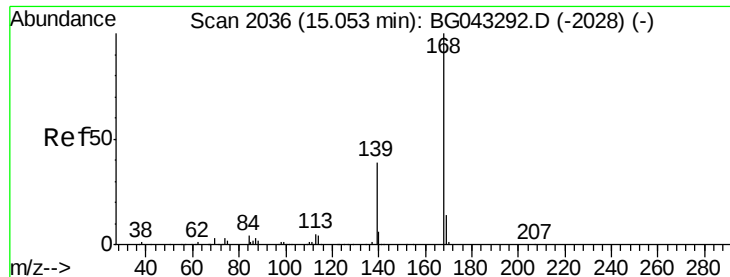
#54
2,4-Dinitrophenol
Concen: 53.651 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

Tgt Ion:184 Resp: 63068
Ion Ratio Lower Upper
184 100
63 62.7 48.8 73.2
154 71.1 49.4 74.0



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





#55

Dibenzenofuran

Concen: 47.827 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Instrument :

BNA_G

ClientSampleId :

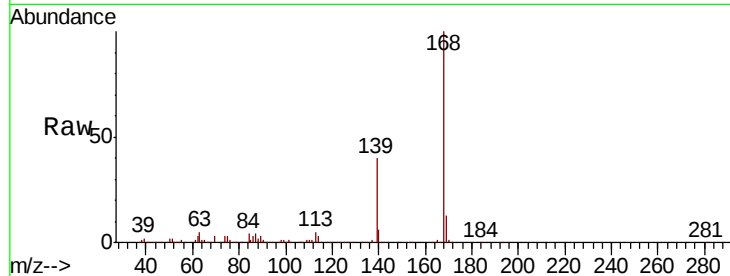
Tot Ion:168 Resp: 501330

Ion Ratio Lower Upper

168 100

139 39.6 31.7 47.5

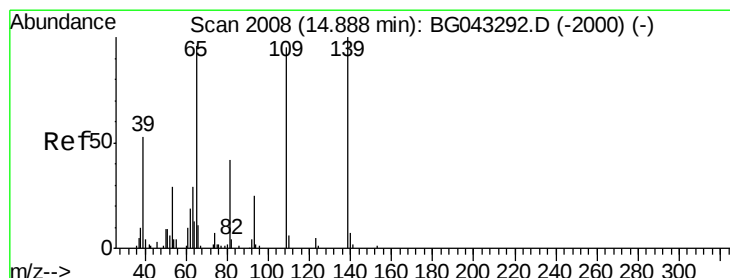
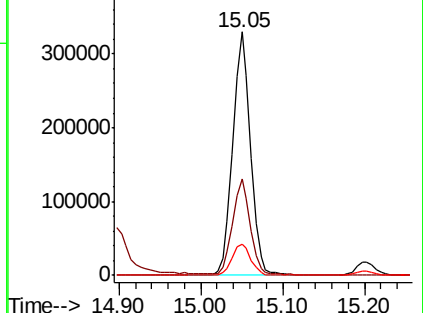
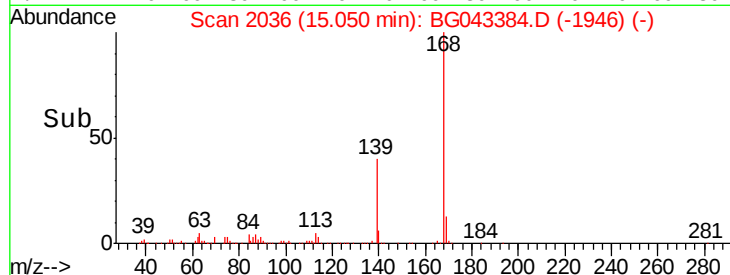
169 13.1 11.0 16.4



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: 107.755 ng

RT: 14.90 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

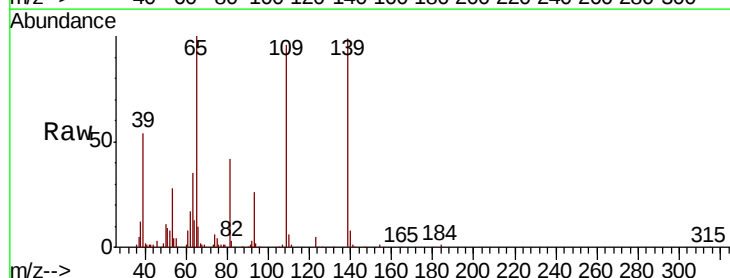
Tgt Ion:139 Resp: 138030

Ion Ratio Lower Upper

139 100

109 96.5 75.4 115.4

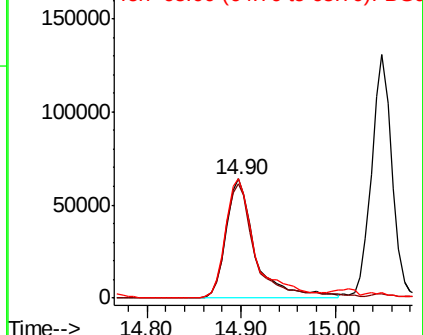
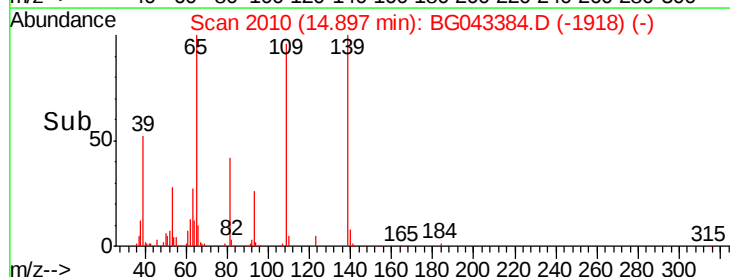
65 100.7 76.6 116.6

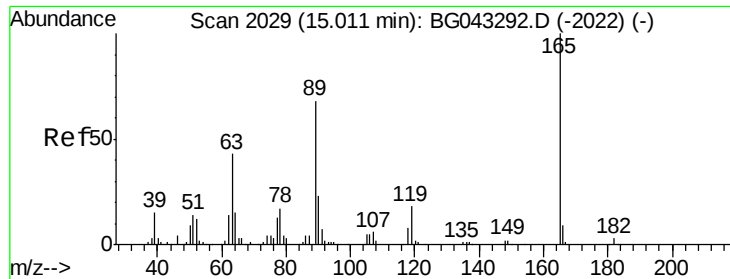


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

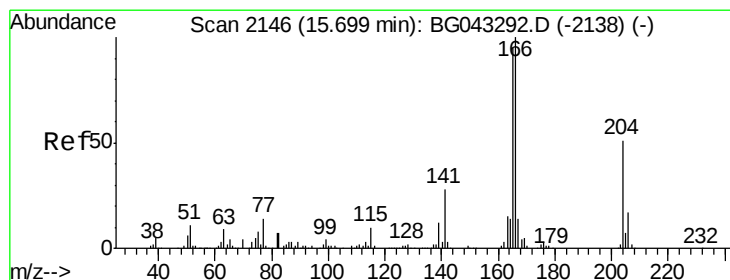
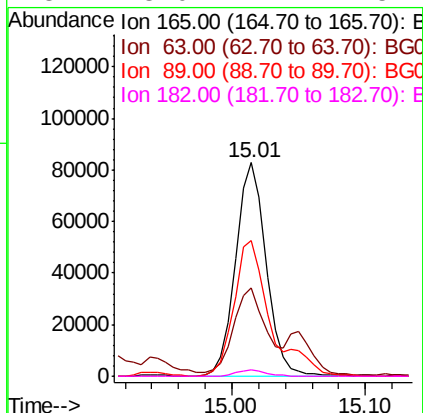
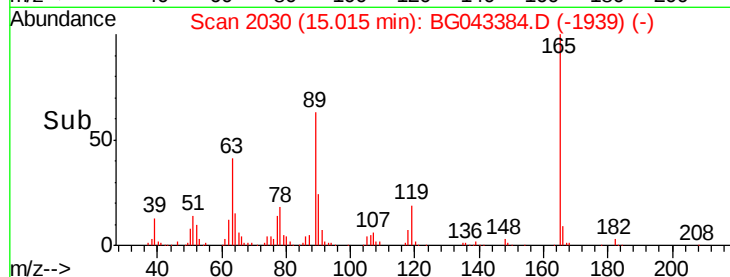
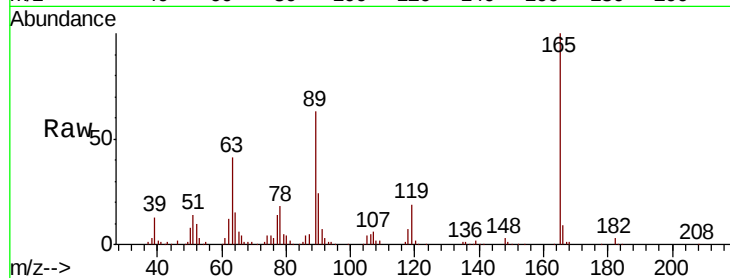




#57
2,4-Dinitrotoluene
Concen: 46.493 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

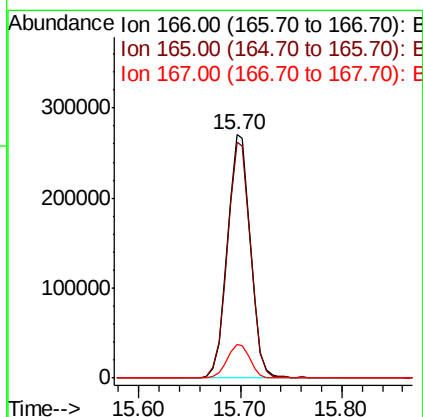
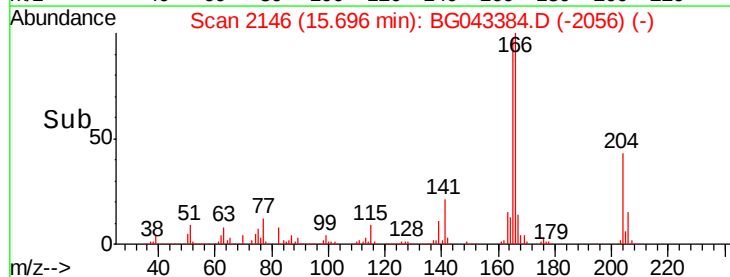
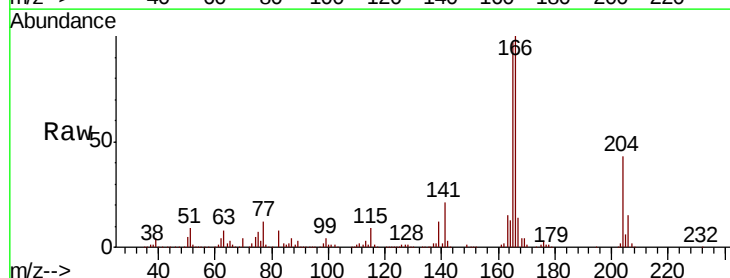
Instrument :
BNA_G
ClientSampleId :

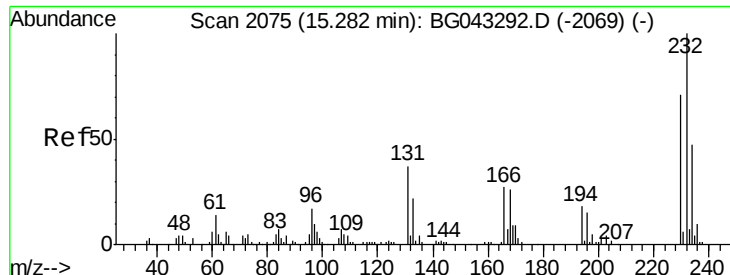
Tot Ion:165 Resp: 131549
Ion Ratio Lower Upper
165 100
63 41.2 35.0 52.6
89 63.3 54.1 81.1
182 3.0 2.2 3.2



#58
Fluorene
Concen: 48.302 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

Tgt Ion:166 Resp: 424645
Ion Ratio Lower Upper
166 100
165 96.8 76.4 114.6
167 13.8 11.1 16.7

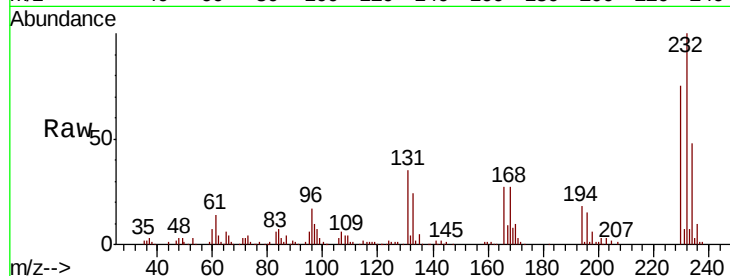




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.210 ng
 RT: 15.28 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG043384.D
 Acq: 29 Oct 2019 21:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	34.3	28.7	43.1
130	1.6	0.6	0.8
166	27.7	21.1	31.7



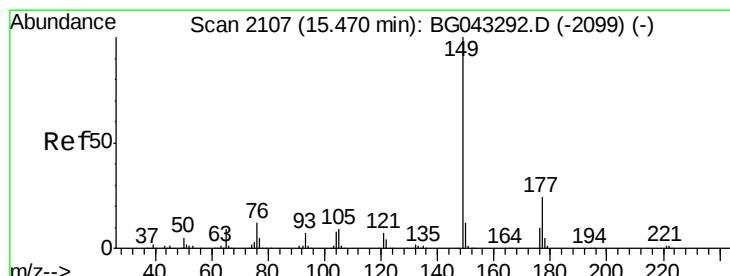
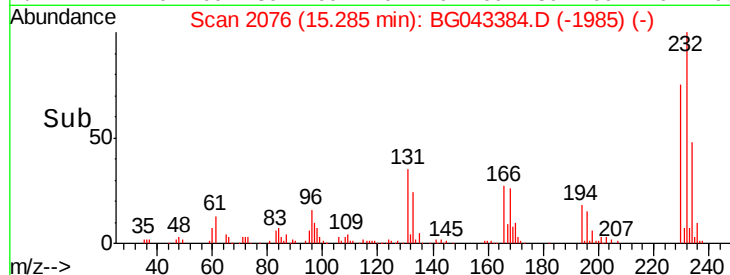
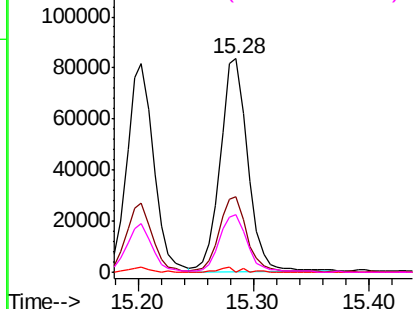
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

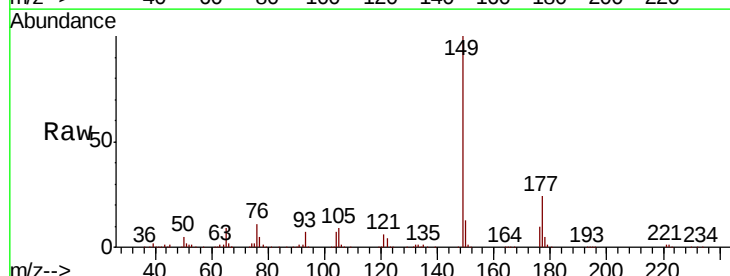
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.415 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BG043384.D
 Acq: 29 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.0	28.4
150	13.0	9.4	14.0

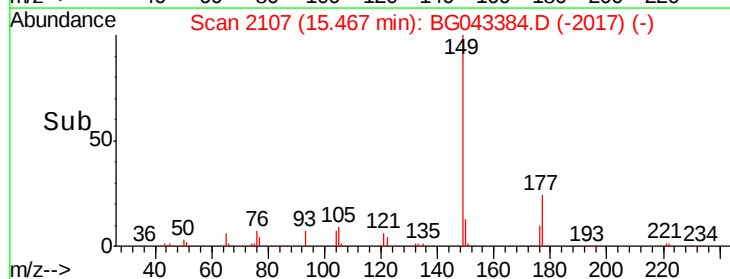
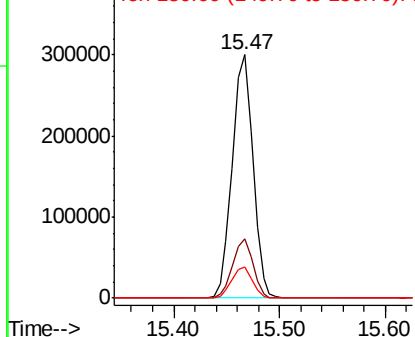


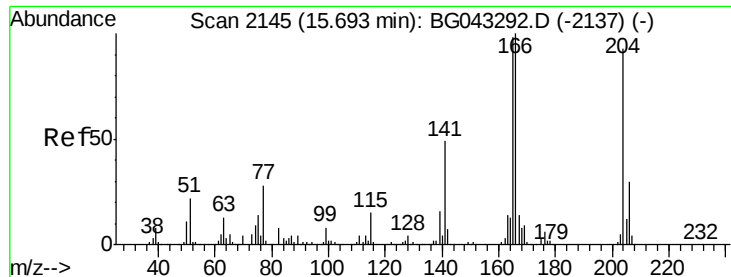
Abundance

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

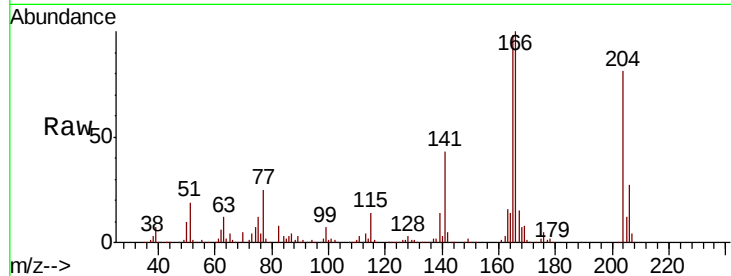




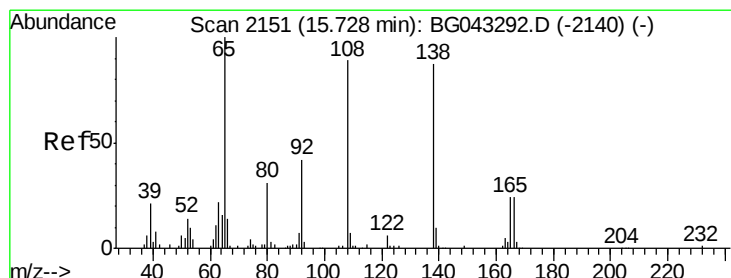
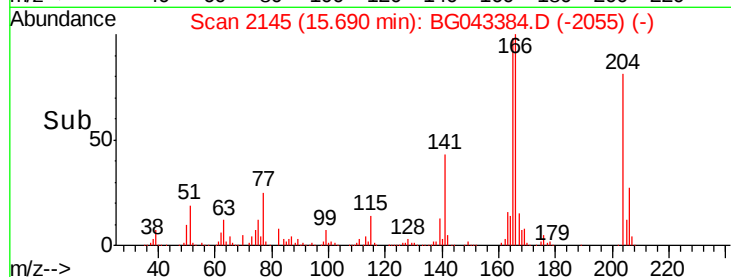
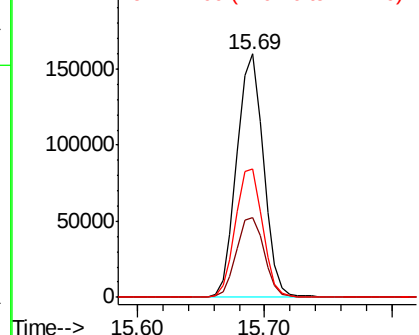
#61
4-Chlorophenyl-phenylether
Concen: 45.531 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 233518
Ion Ratio Lower Upper
204 100
206 33.0 25.7 38.5
141 53.0 42.3 63.5

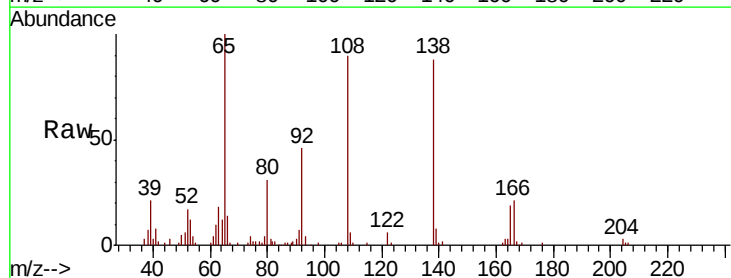


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

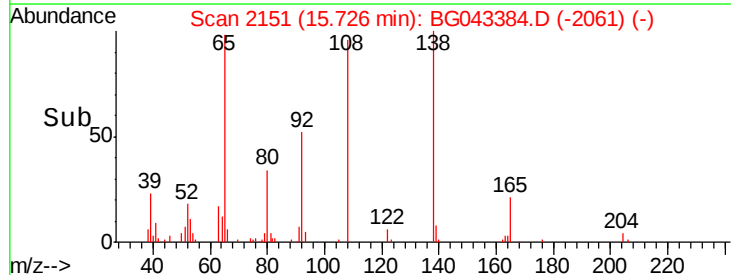
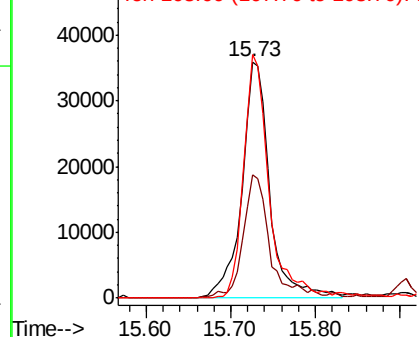


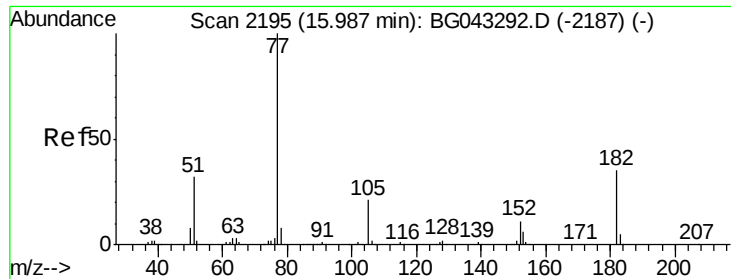
#62
4-Nitroaniline
Concen: 41.393 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

Tgt Ion:138 Resp: 81715
Ion Ratio Lower Upper
138 100
92 52.3 28.8 68.8
108 102.9 82.7 122.7



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





#63

Azobenzene

Concen: 46.369 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 343634

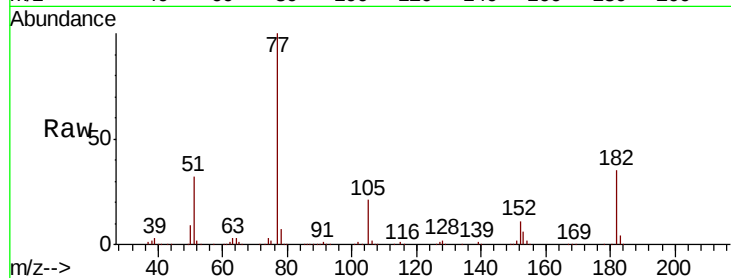
Ion Ratio Lower Upper

77 100

182 34.5 14.9 54.9

105 20.8 0.6 40.6

51 32.2 12.5 52.5

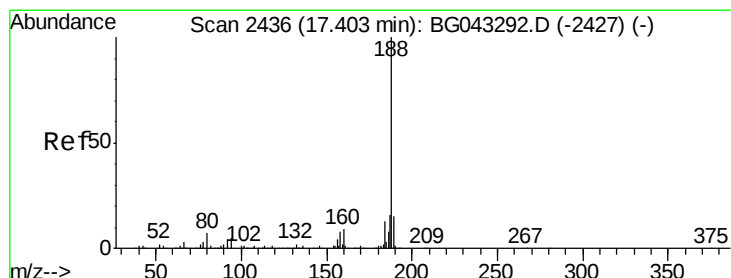
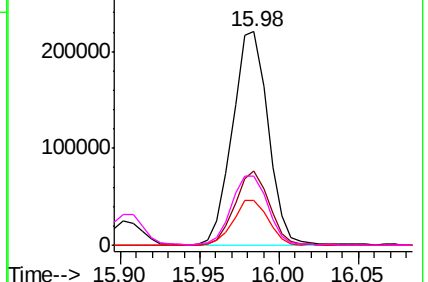
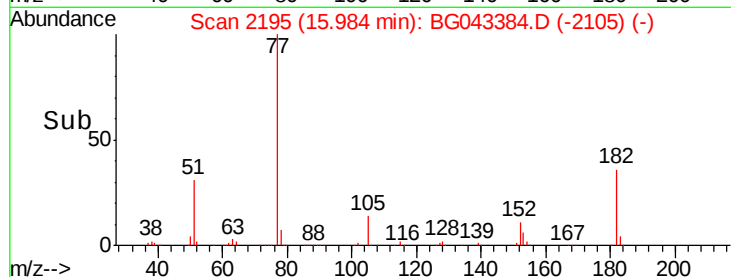


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

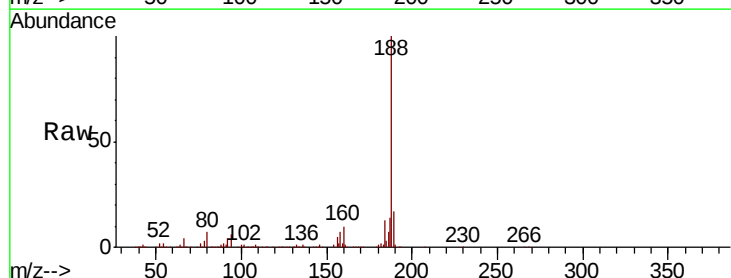
Tgt Ion: 188 Resp: 269617

Ion Ratio Lower Upper

188 100

94 6.5 4.2 6.2#

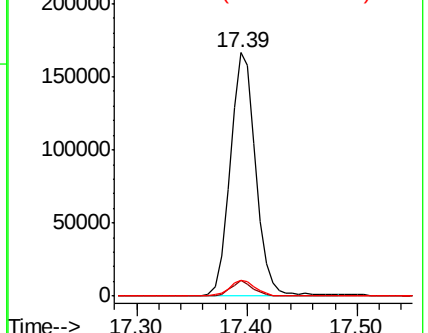
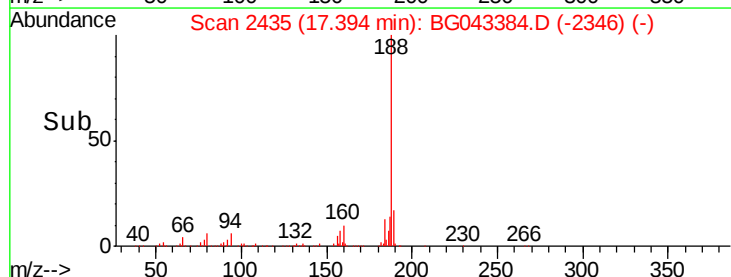
80 6.6 5.2 7.8

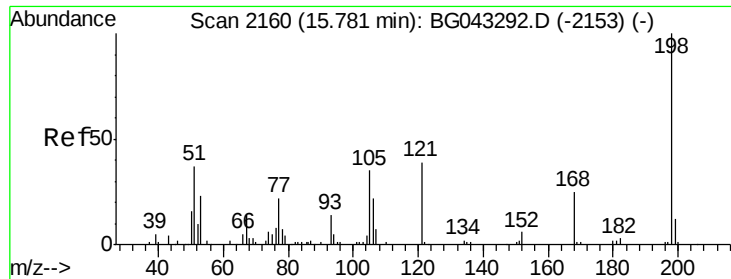


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

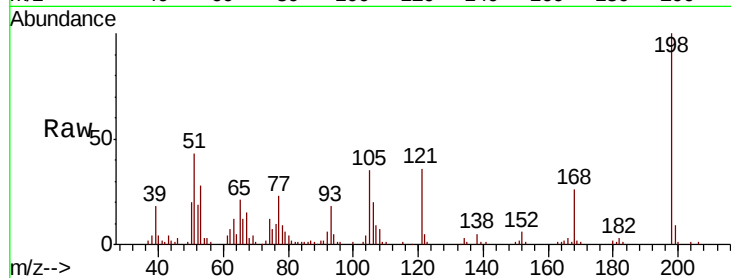




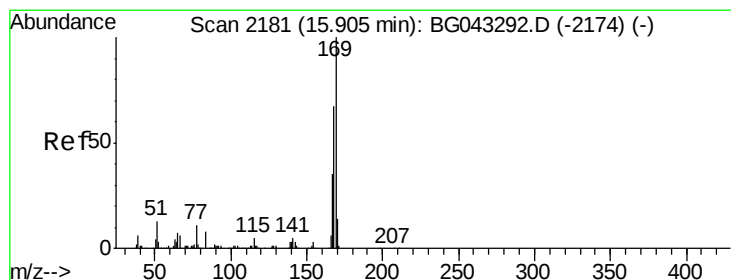
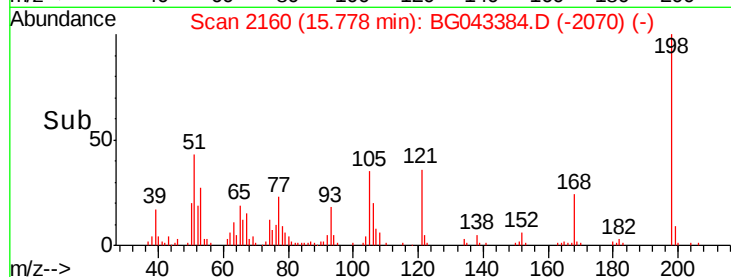
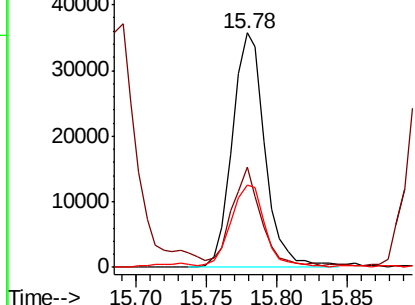
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.353 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG043384.D
 Acq: 29 Oct 2019 21:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 57682
 Ion Ratio Lower Upper
 198 100
 51 43.0 21.4 61.4
 105 34.9 16.5 56.5

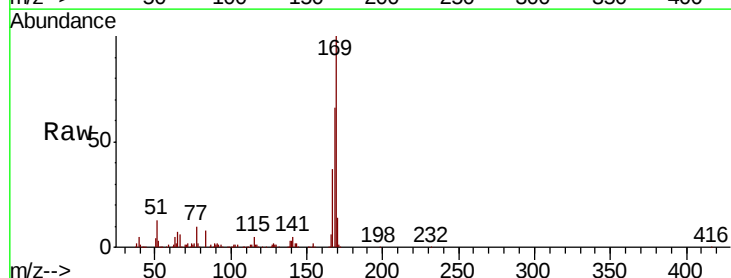


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

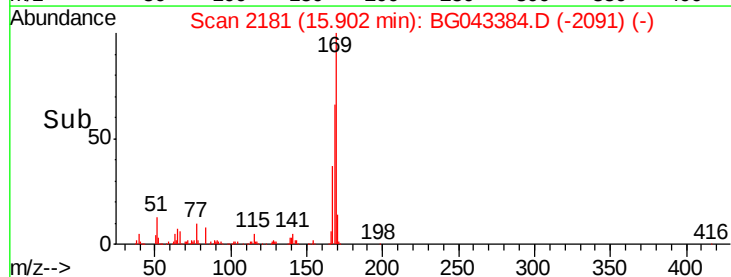
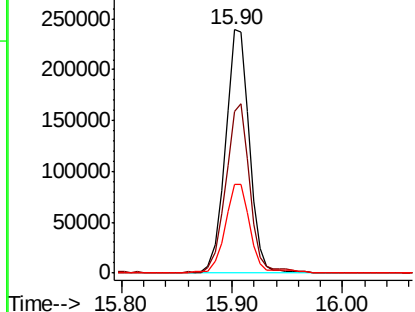


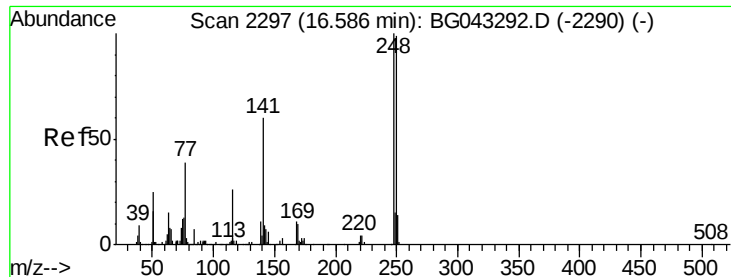
#66
 n-Nitrosodiphenylamine
 Concen: 47.799 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BG043384.D
 Acq: 29 Oct 2019 21:32

Tgt Ion:169 Resp: 363842
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.9 80.9
 167 36.6 28.3 42.5



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

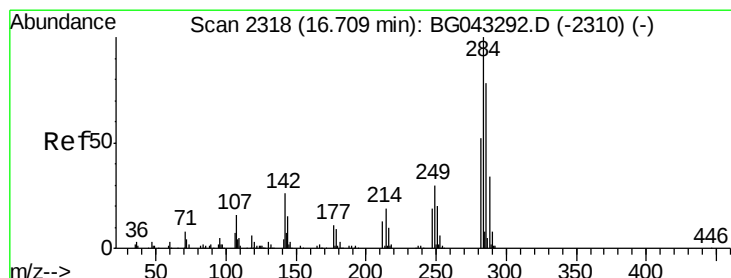
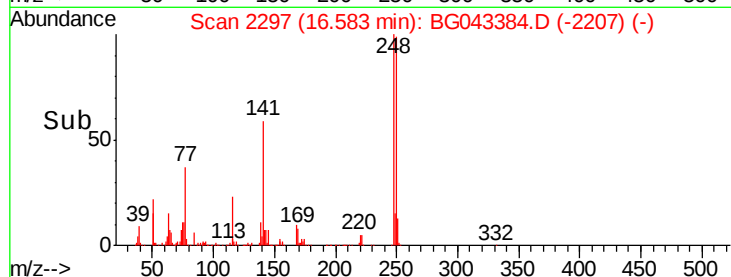
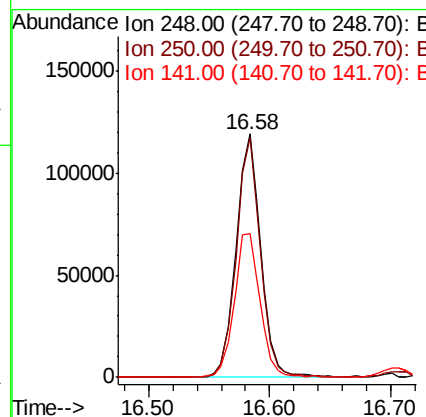
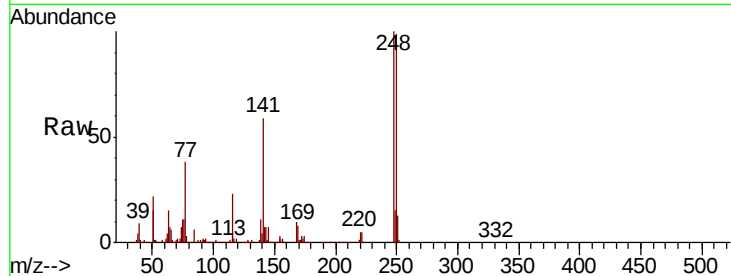




#67
4-Bromophenyl-phenylether
Concen: 46.683 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

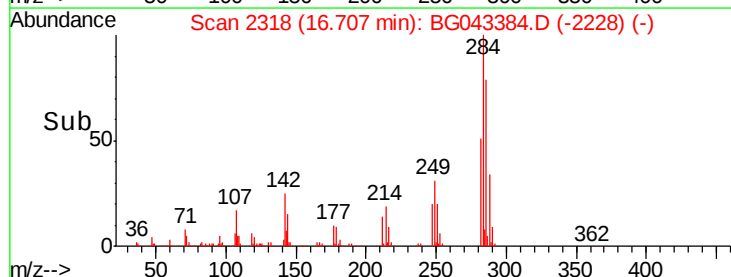
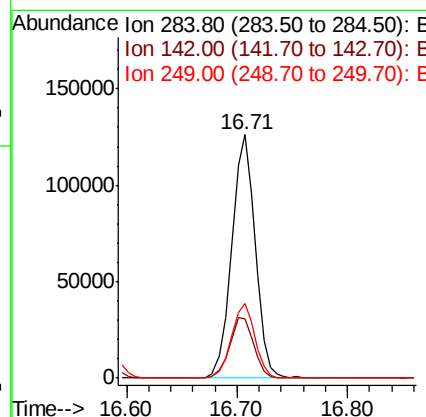
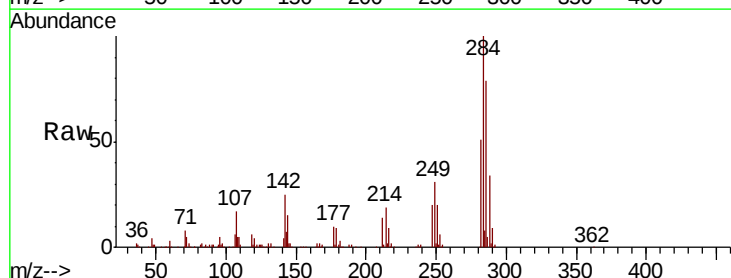
Instrument :
BNA_G
ClientSampleId :

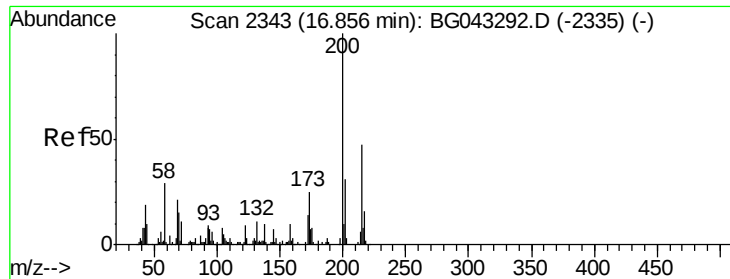
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	79.3	118.9
141	59.0	47.9	71.9



#68
Hexachlorobenzene
Concen: 45.172 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.6	21.1	31.7
249	30.6	24.4	36.6

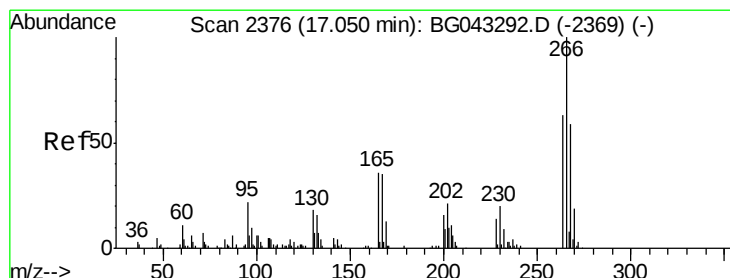
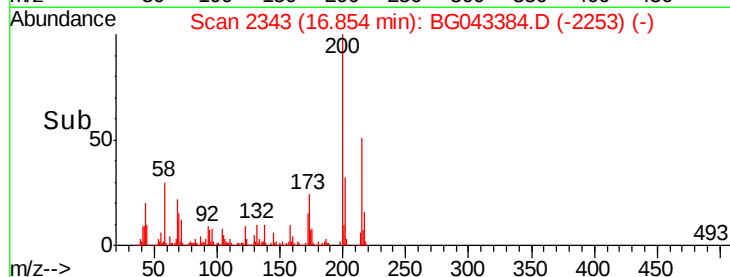
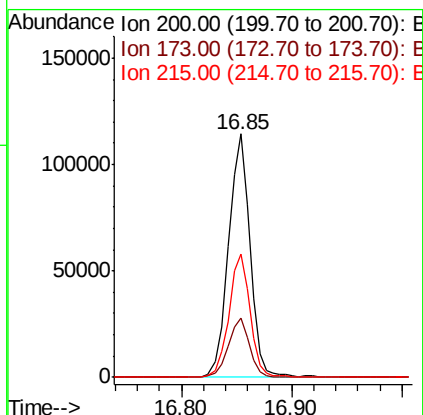
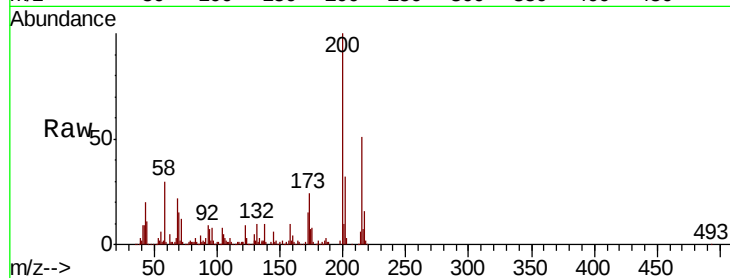




#69
 Atrazine
 Concen: 59.456 ng
 RT: 16.85 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BG043384.D
 Acq: 29 Oct 2019 21:32

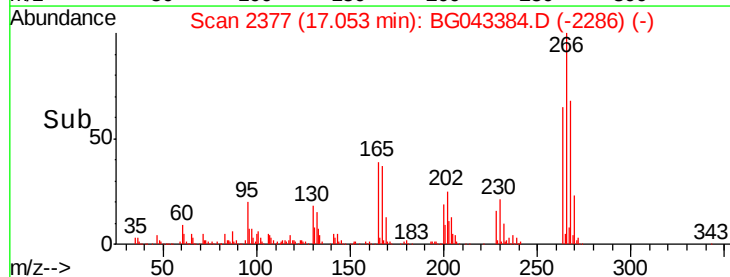
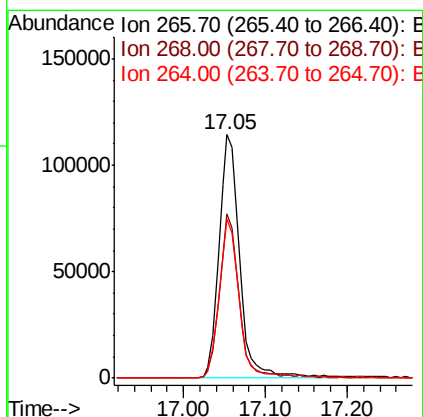
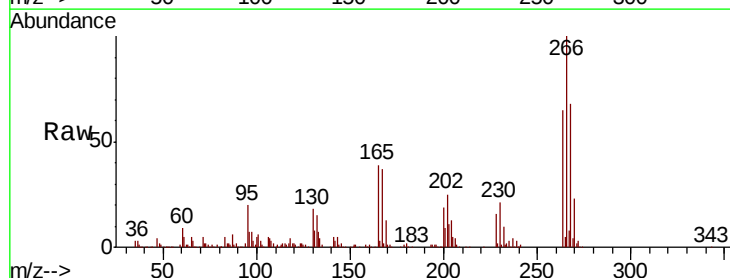
Instrument :
 BNA_G
 ClientSampleId :

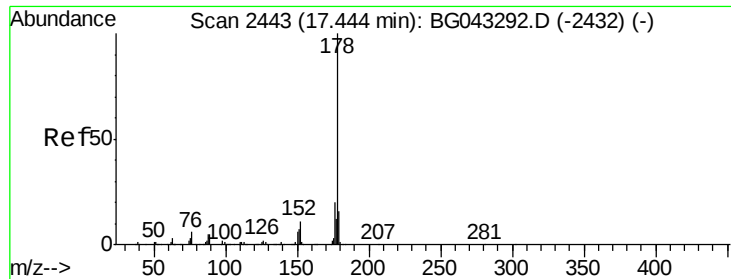
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.4	5.1	45.1
215	50.9	26.6	66.6



#70
 Pentachlorophenol
 Concen: 106.165 ng
 RT: 17.05 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: BG043384.D
 Acq: 29 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.7	47.1	70.7
264	65.3	50.4	75.6

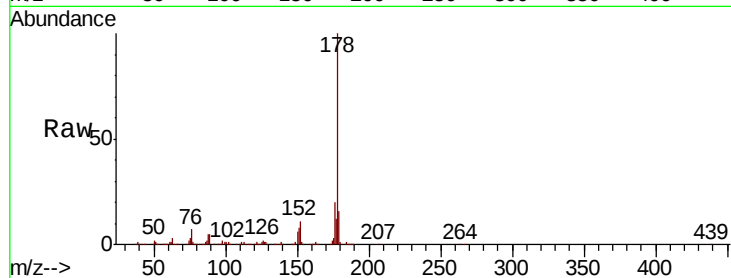




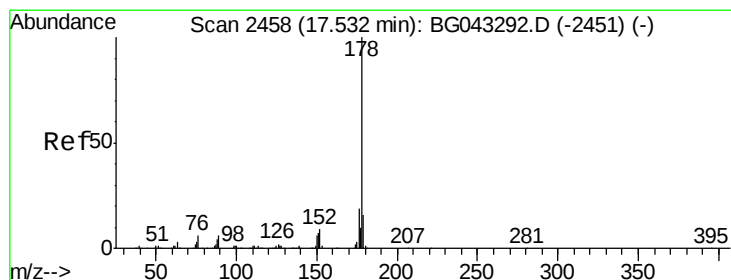
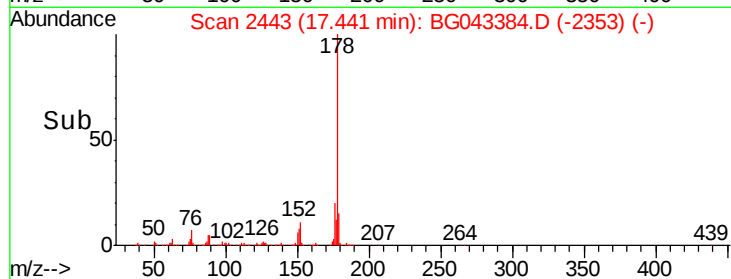
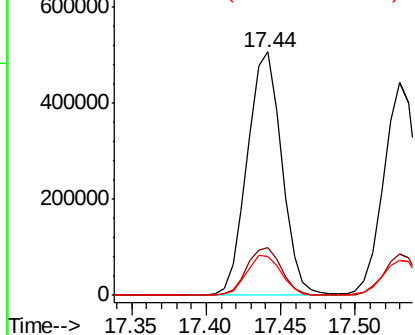
#71
Phenanthrene
Concen: 58.844 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 812428
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 16.0 13.1 19.7

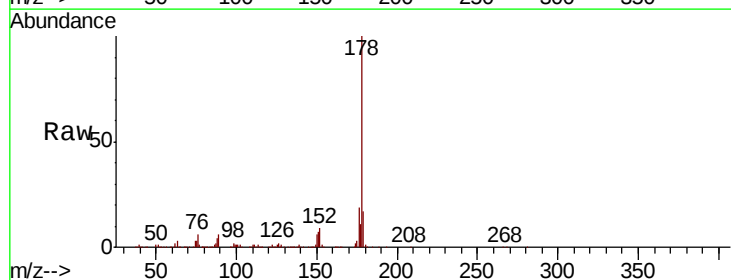


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

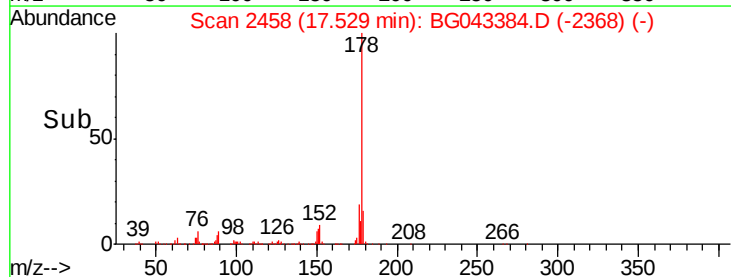
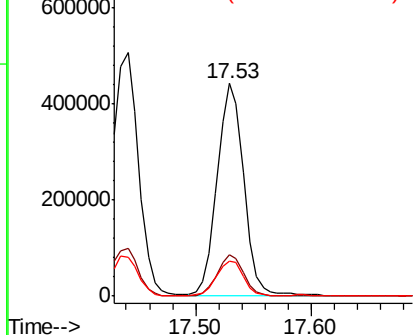


#72
Anthracene
Concen: 51.078 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

Tgt Ion:178 Resp: 705574
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 16.6 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

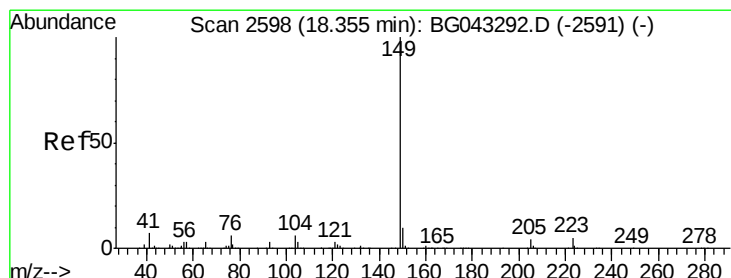
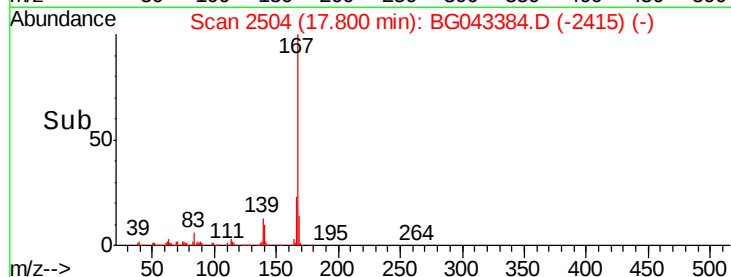
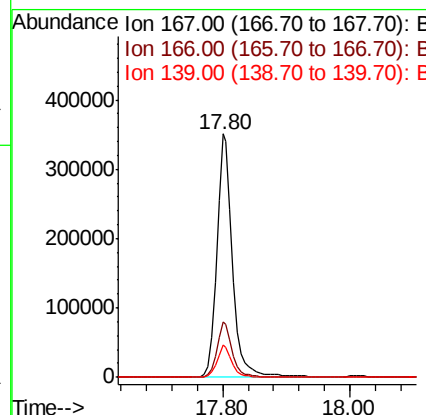
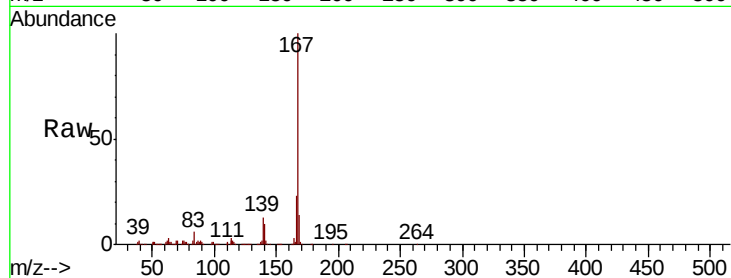




#73
 Carbazole
 Concen: 49.319 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG043384.D
 Acq: 29 Oct 2019 21:32

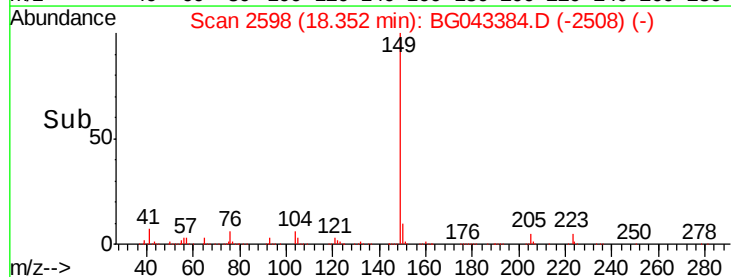
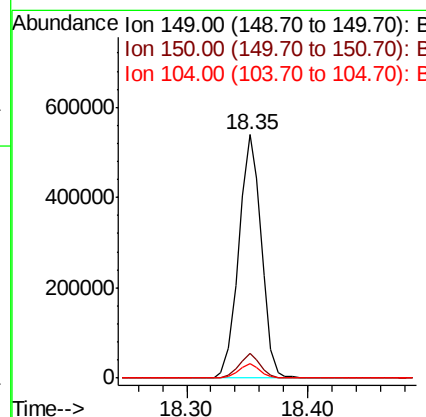
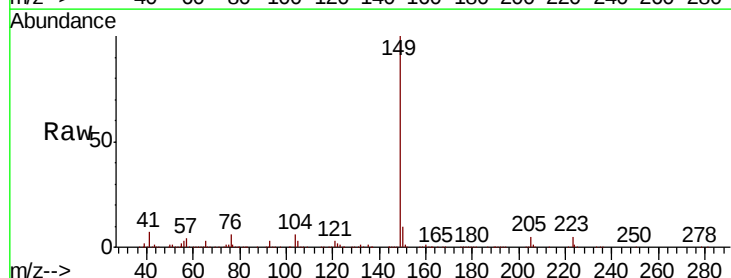
Instrument :
 BNA_G
 ClientSampleId :

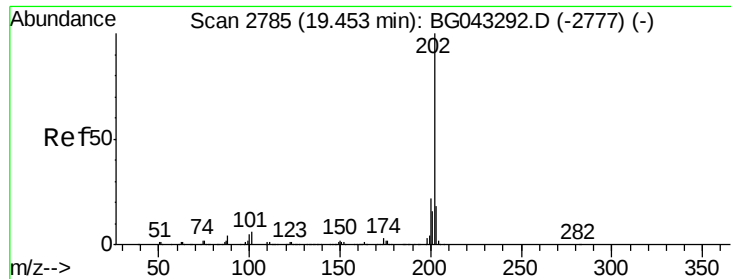
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.4	27.6
139	13.5	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 46.241 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG043384.D
 Acq: 29 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.0	12.0
104	5.9	4.7	7.1





#75

Fluoranthene

Concen: 60.331 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Instrument :

BNA_G

ClientSampleId :

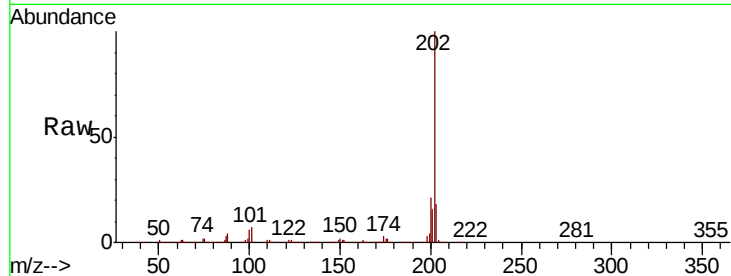
Tot Ion:202 Resp: 1085916

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.0

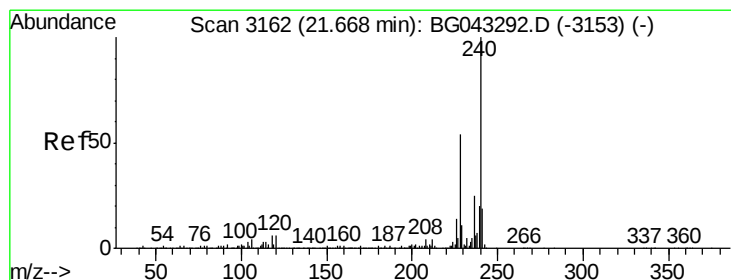
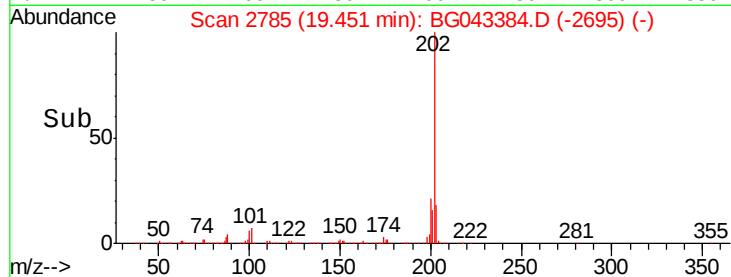
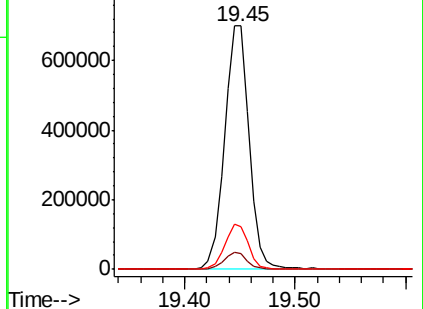
203 17.7 0.0 38.2



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: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

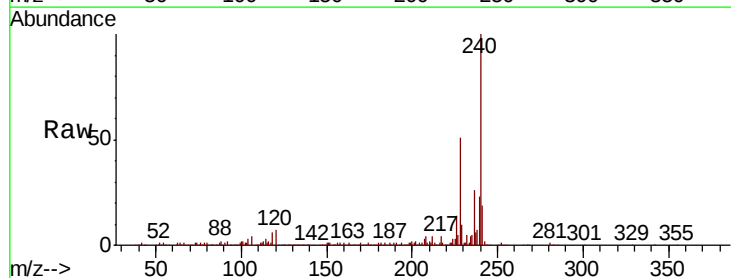
Tgt Ion:240 Resp: 292176

Ion Ratio Lower Upper

240 100

120 6.5 4.6 7.0

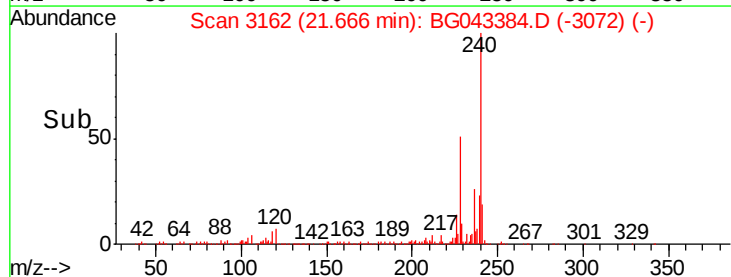
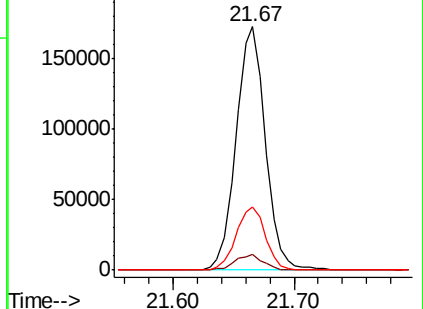
236 25.7 20.2 30.4



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: 60.127 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

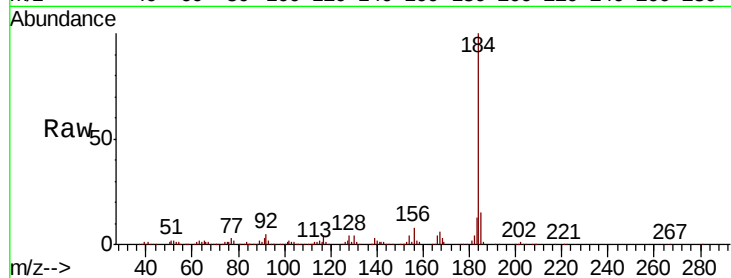
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 353554

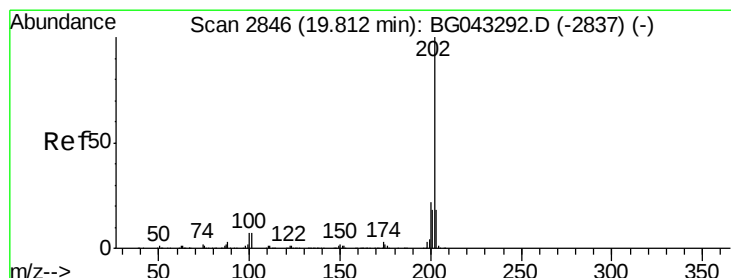
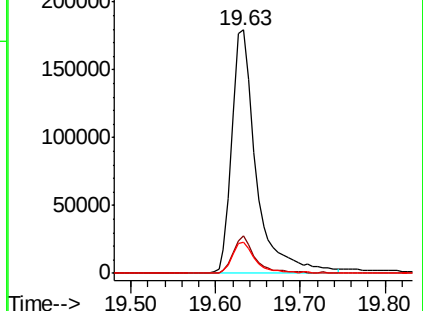
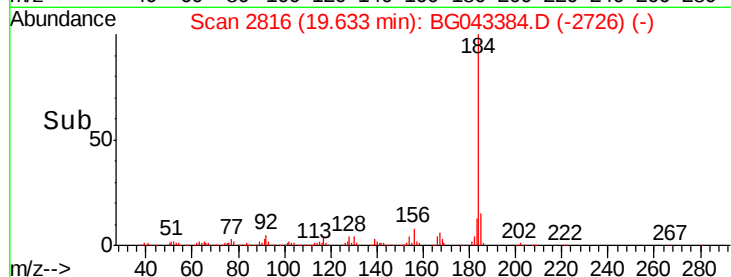
Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.8	17.6
183	12.6	10.6	16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 58.113 ng

RT: 19.81 min Scan# 2846

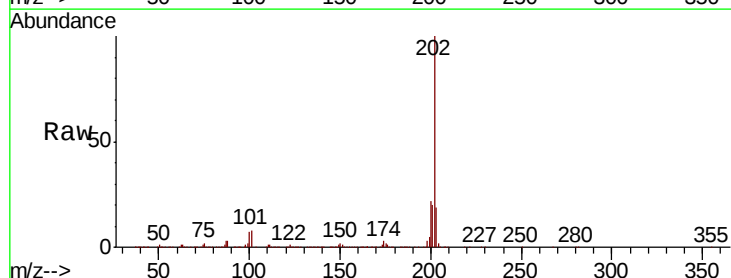
Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Tgt Ion:202 Resp: 1050998

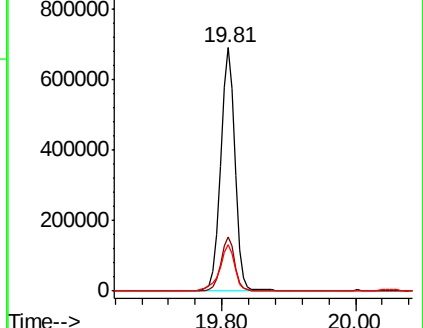
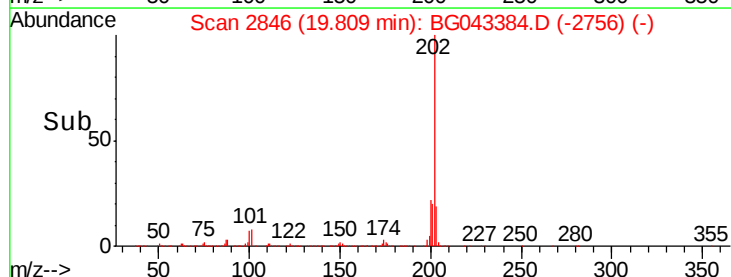
Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.3	25.9
203	19.2	14.5	21.7

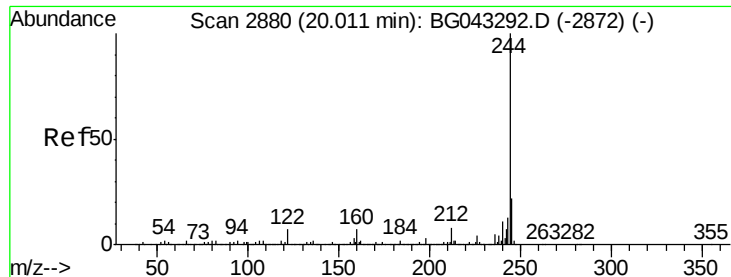


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.085 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Instrument :

BNA_G

ClientSampleId :

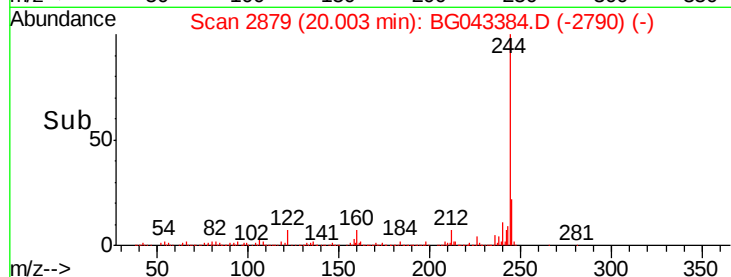
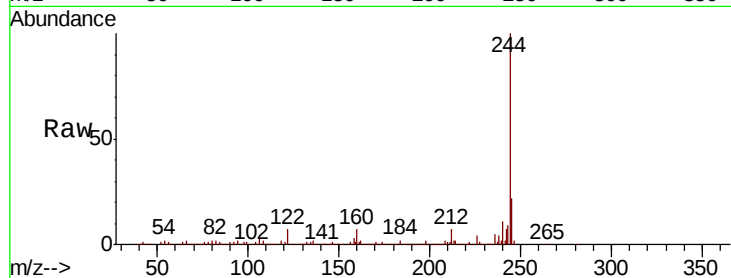
Tot Ion:244 Resp: 982485

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

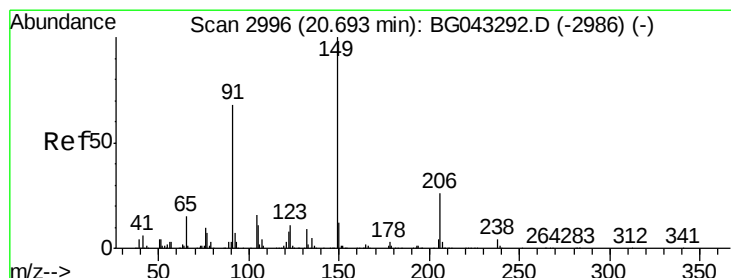
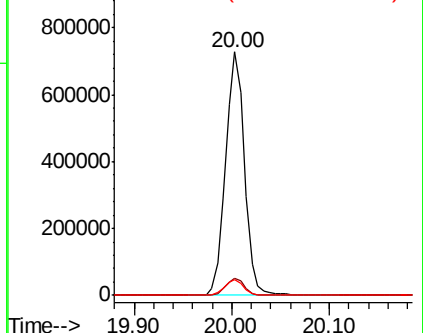
122 6.7 5.3 7.9



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: 46.909 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

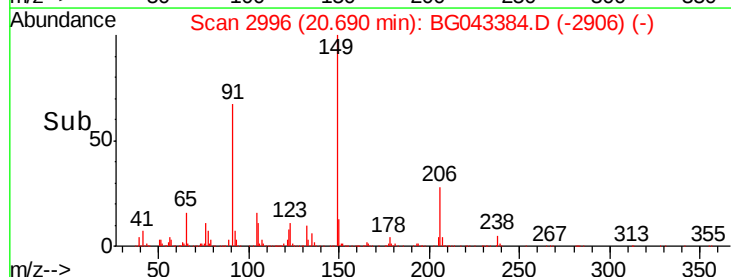
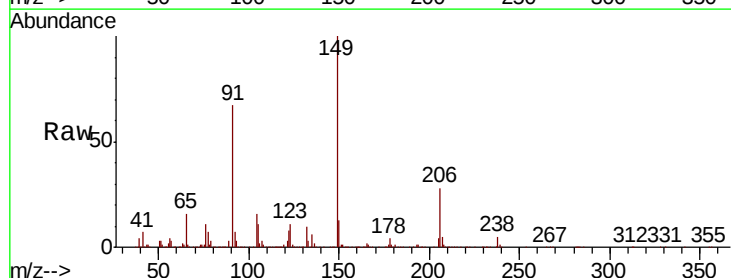
Tgt Ion:149 Resp: 321410

Ion Ratio Lower Upper

149 100

91 67.2 54.6 82.0

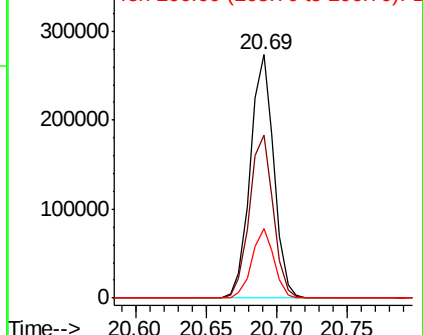
206 28.3 20.5 30.7

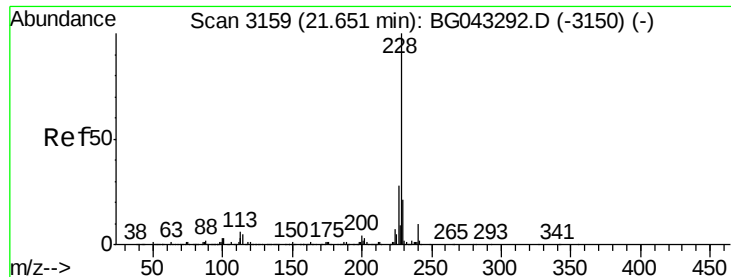


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 53.954 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Instrument :

BNA_G

ClientSampleId :

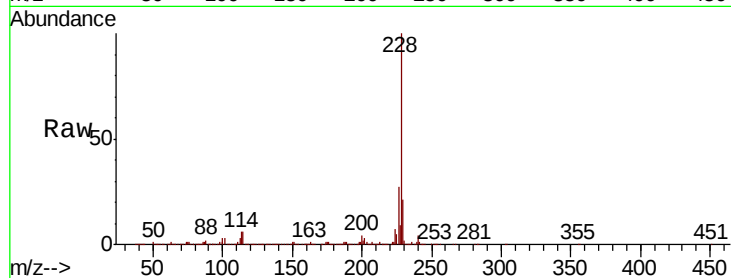
Tot Ion:228 Resp: 987442

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.2	33.4
229	21.0	16.9	25.3

228 100

226 27.3 22.2 33.4

229 21.0 16.9 25.3

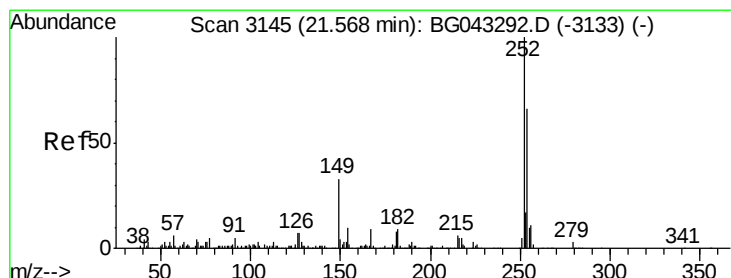
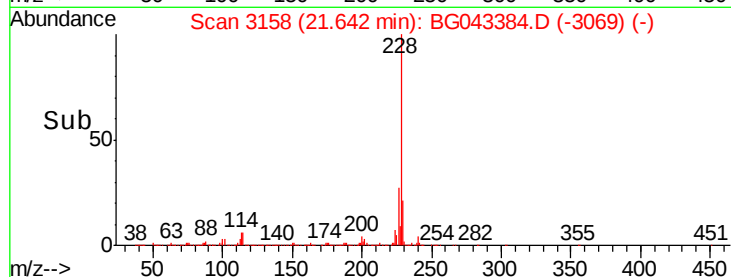
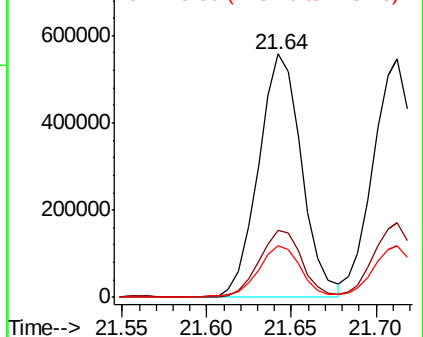


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.885 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

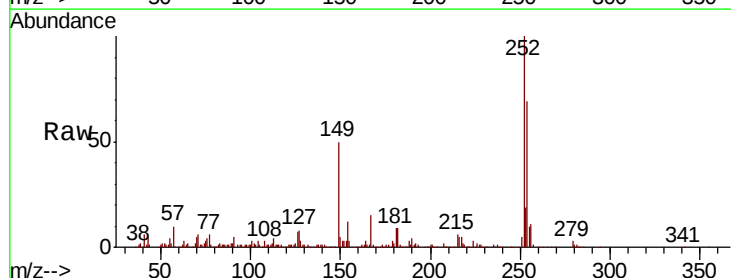
Tgt Ion:252 Resp: 289417

Ion	Ratio	Lower	Upper
252	100		
254	68.8	52.7	79.1
126	6.9	5.6	8.4

252 100

254 68.8 52.7 79.1

126 6.9 5.6 8.4

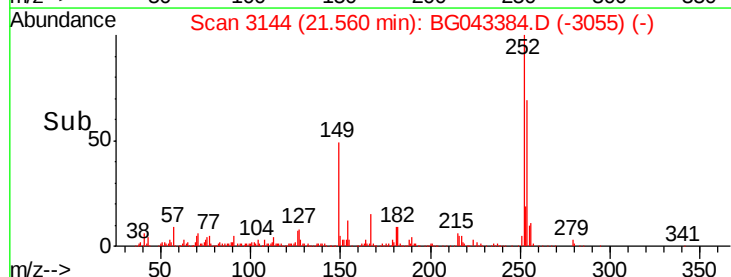
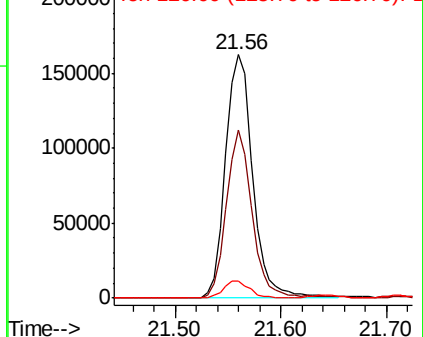


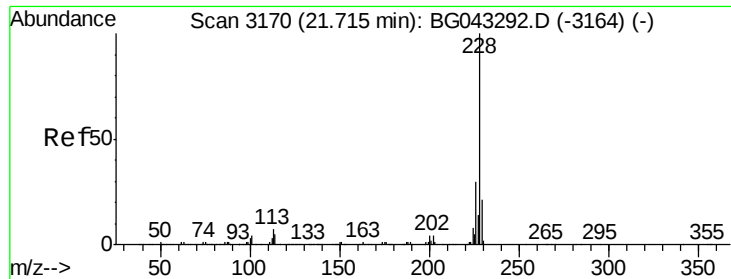
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 51.632 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

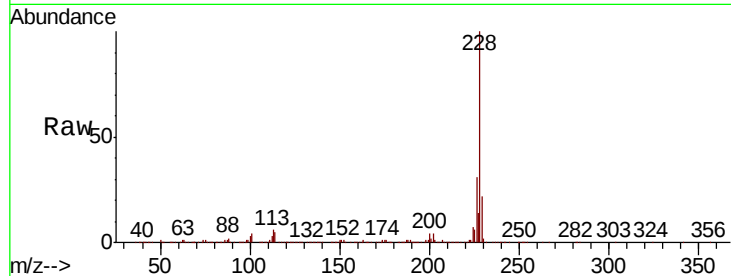
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 938876

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.8	35.8
229	21.8	16.3	24.5

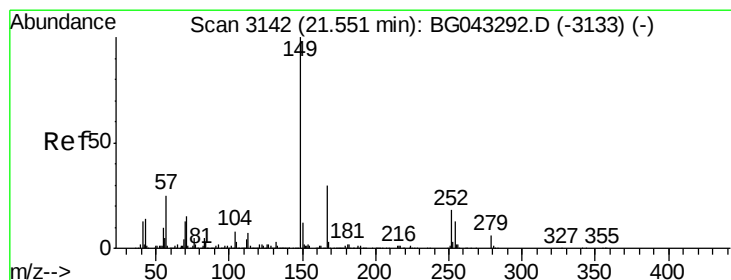
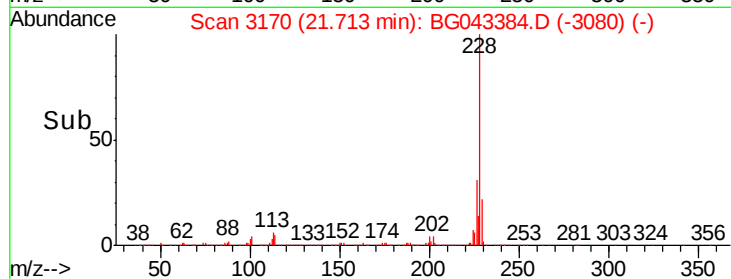
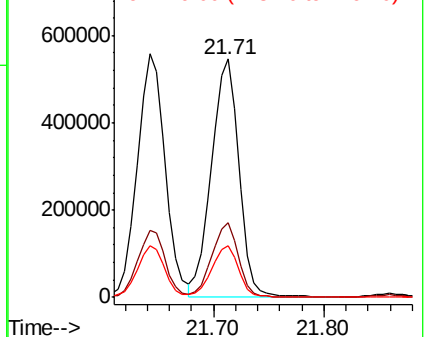


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.817 ng

RT: 21.54 min Scan# 3141

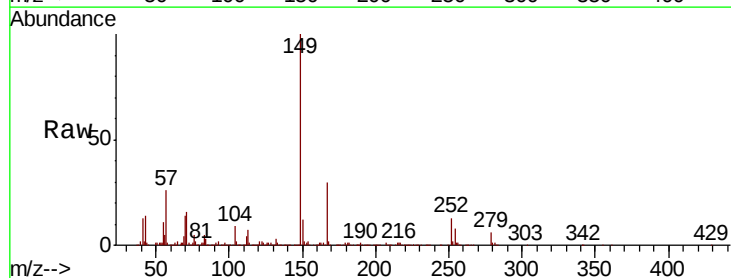
Delta R.T. -0.01 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Tgt Ion:149 Resp: 475139

Ion	Ratio	Lower	Upper
149	100		
167	30.3	23.9	35.9
279	6.3	4.8	7.2

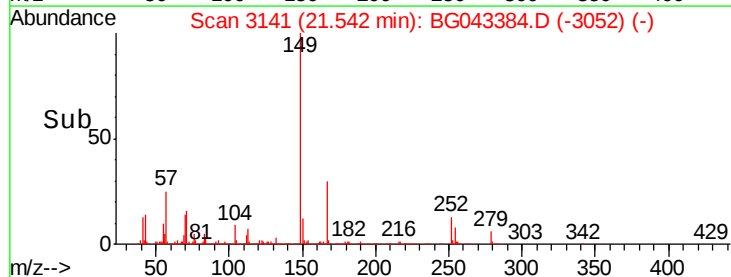
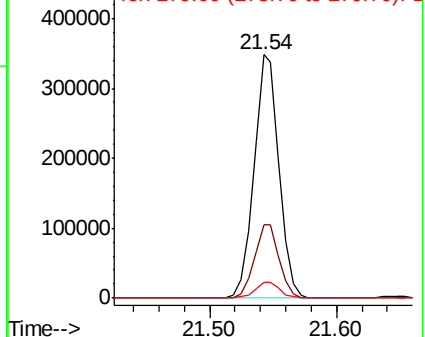


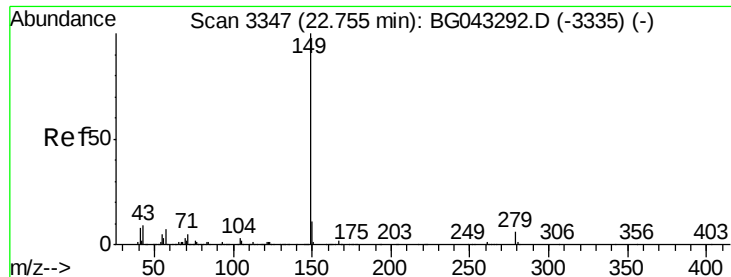
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.567 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Instrument :

BNA_G

ClientSampleId :

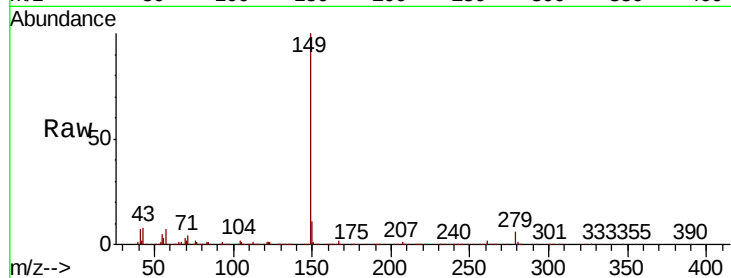
Tot Ion:149 Resp: 818492

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

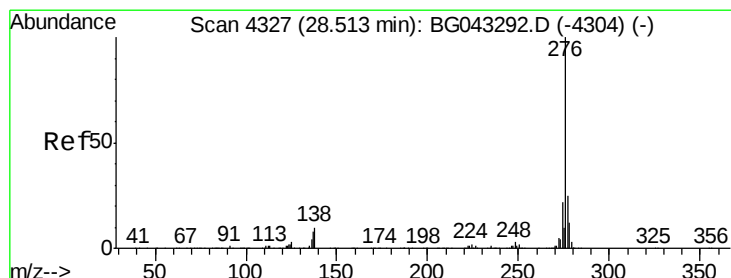
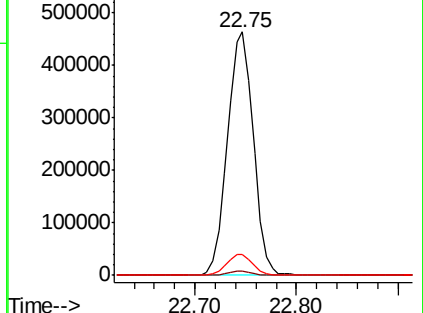
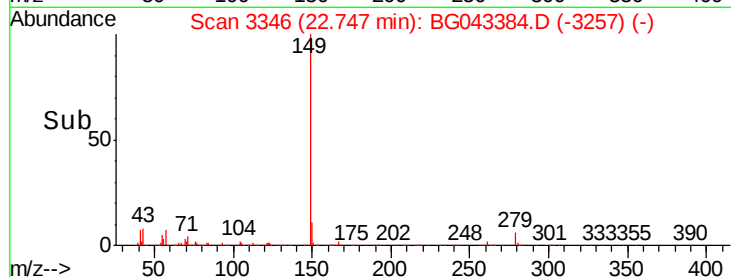
43 8.4 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.676 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.01 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

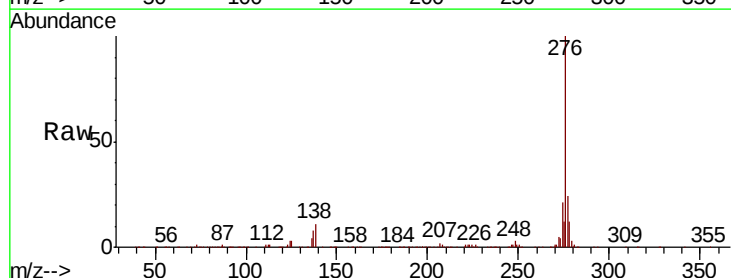
Tgt Ion:276 Resp: 1202375

Ion Ratio Lower Upper

276 100

138 13.9 7.2 10.8#

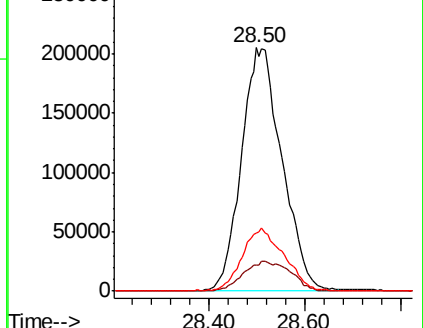
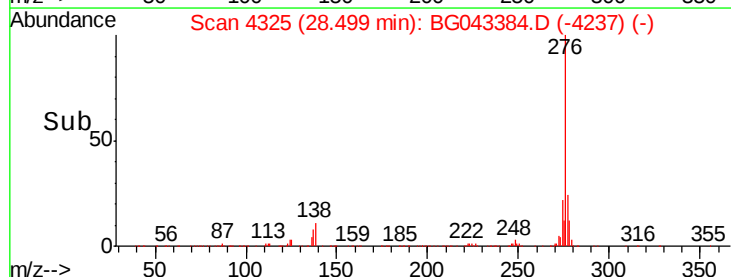
277 26.1 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

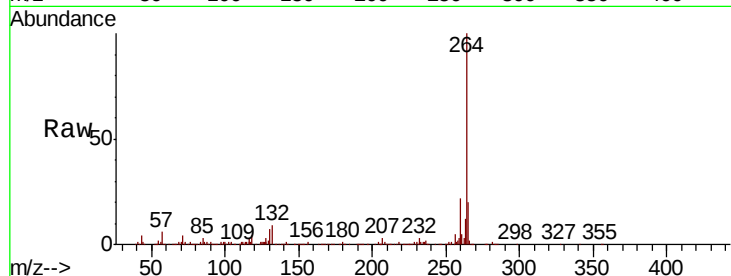
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 349357

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.9	26.9
265	20.0	17.4	26.2

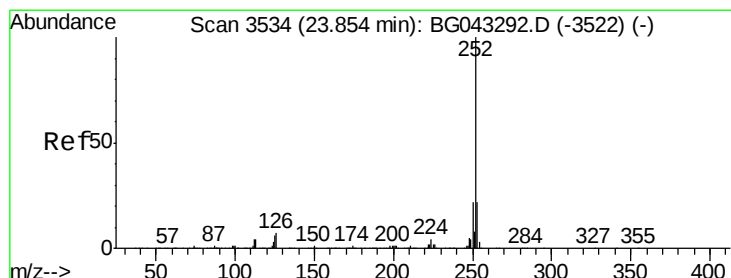
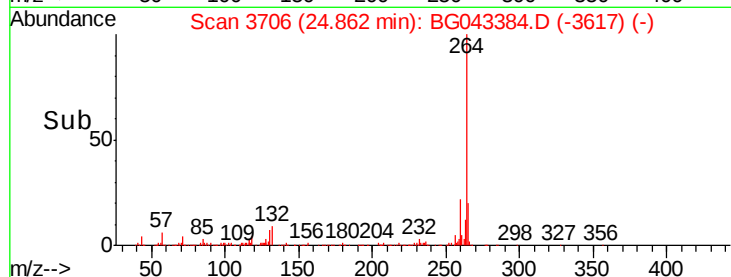
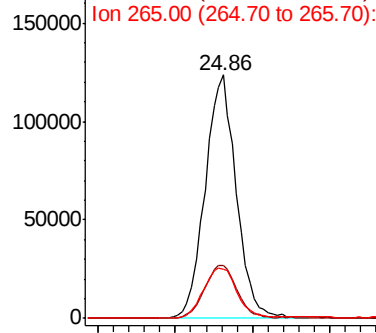


Abundance

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: 52.896 ng

RT: 23.85 min Scan# 3533

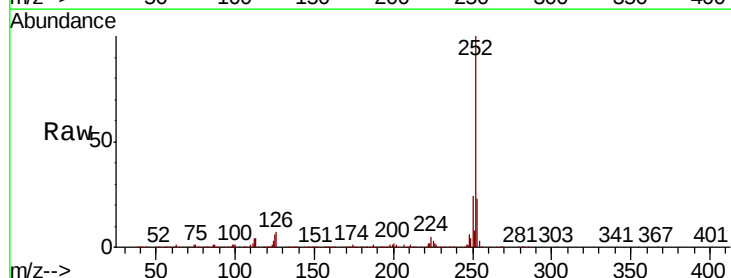
Delta R.T. -0.01 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Tgt Ion:252 Resp: 1046633

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	5.7	5.0	7.6

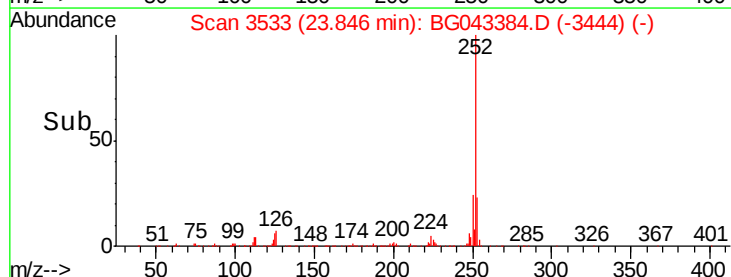
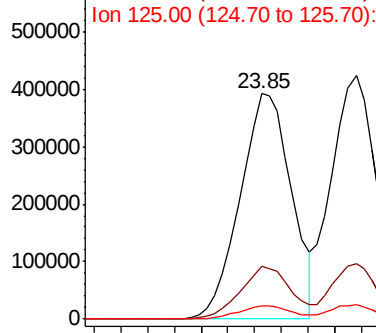


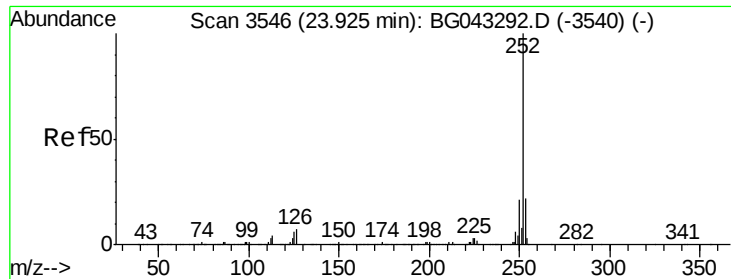
Abundance

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

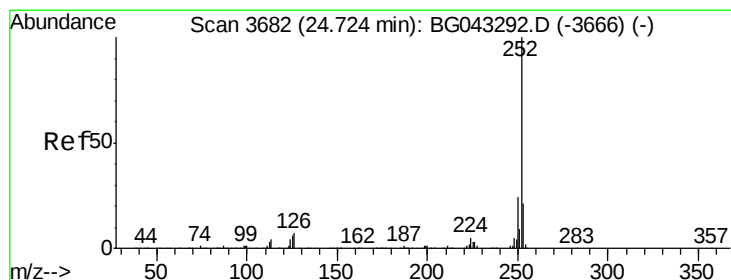
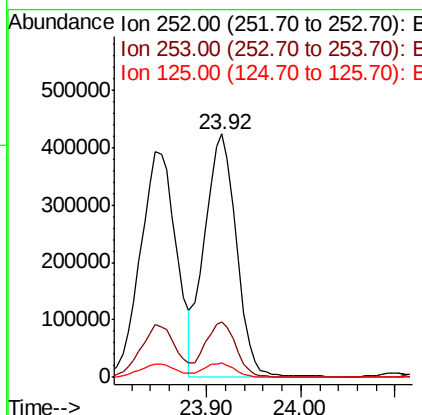
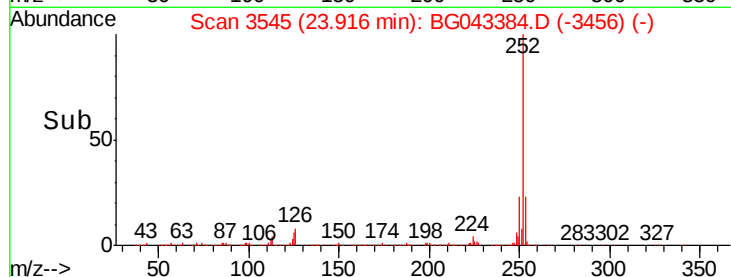
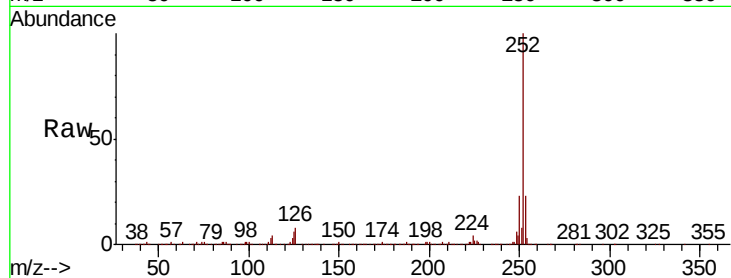




#89
Benzo(k)fluoranthene
Concen: 50.445 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

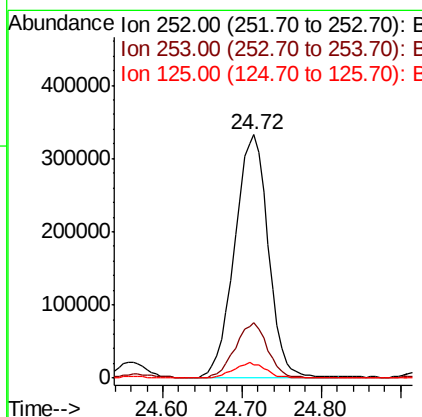
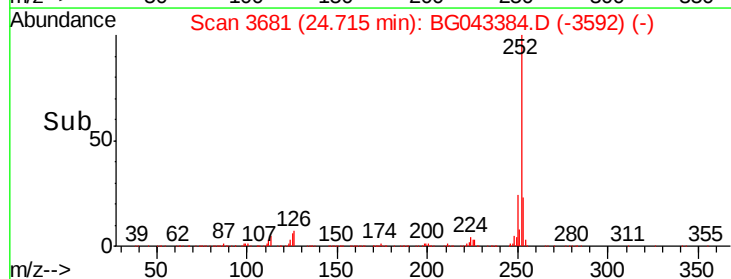
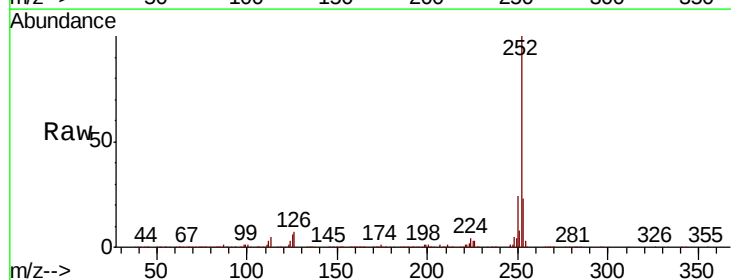
Instrument :
BNA_G
ClientSampled :

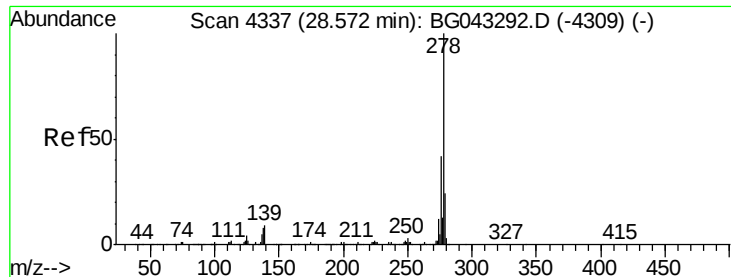
Tot Ion:252 Resp: 1004821
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 5.7 4.5 6.7



#90
Benzo(a)pyrene
Concen: 51.577 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043384.D
Acq: 29 Oct 2019 21:32

Tgt Ion:252 Resp: 974530
Ion Ratio Lower Upper
252 100
253 22.9 17.2 25.8
125 5.6 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 50.097 ng

RT: 28.56 min Scan# 4336

Delta R.T. -0.01 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

Instrument :

BNA_G

ClientSampleId :

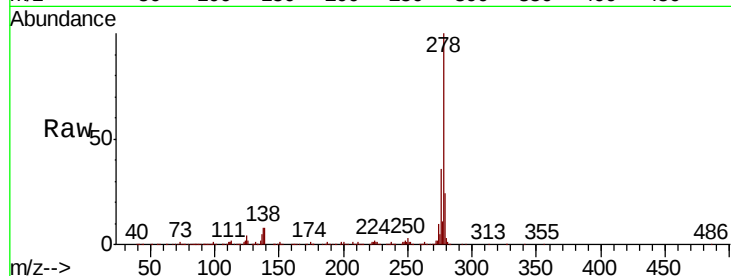
Tot Ion:278 Resp: 968188

Ion Ratio Lower Upper

278 100

139 8.3 6.8 10.2

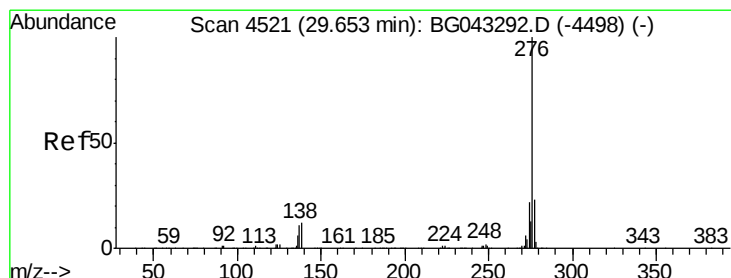
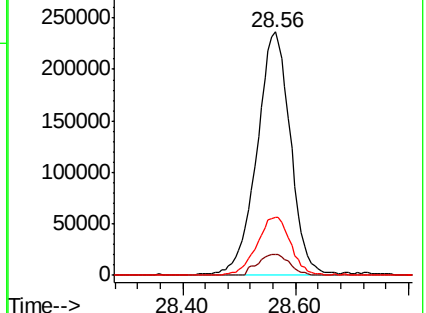
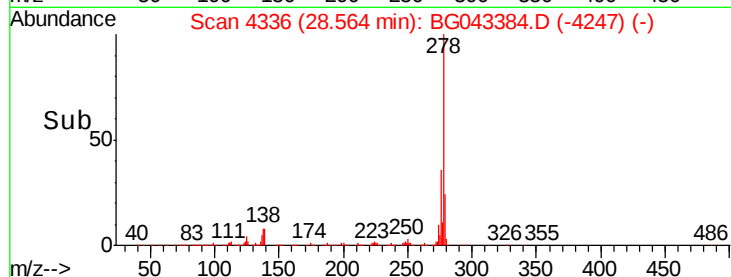
279 23.6 19.0 28.6



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: 53.644 ng

RT: 29.64 min Scan# 4520

Delta R.T. -0.01 min

Lab File: BG043384.D

Acq: 29 Oct 2019 21:32

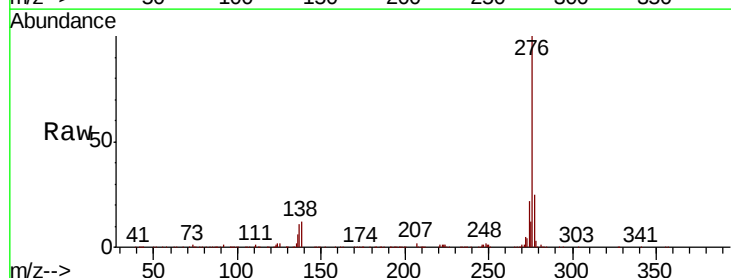
Tgt Ion:276 Resp: 1022653

Ion Ratio Lower Upper

276 100

277 24.6 18.3 27.5

138 11.9 9.3 13.9



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

