

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043393.D
 Acq On : 30 Oct 2019 4:36
 Operator : JU
 Sample : K5140-09MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:28:00 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	47068	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	178295	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	124482	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	282565	20.00	ng	0.00
76) Chrysene-d12	21.67	240	315854	20.00	ng	0.00
87) Perylene-d12	24.86	264	374020	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	334179	130.10	ng	0.00
7) Phenol-d6	7.22	99	440042	119.07	ng	0.01
23) Nitrobenzene-d5	9.19	82	283700	82.03	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	287927	121.54	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	731125	81.16	ng	0.00
79) Terphenyl-d14	20.00	244	1423714	84.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	35319	35.285	ng	# 12
3) Pyridine	3.91	79	89155	35.309	ng	96
4) n-Nitrosodimethylamine	3.81	42	57596	45.205	ng	94
6) Aniline	7.36	93	42297	9.935	ng	98
8) 2-Chlorophenol	7.60	128	129089	45.527	ng	99
9) Benzaldehyde	7.16	77	62838	34.599	ng	83
10) Phenol	7.24	94	152161	45.058	ng	95
11) bis(2-Chloroethyl)ether	7.45	93	113283	43.388	ng	98
12) 1,3-Dichlorobenzene	7.92	146	140933	39.671	ng	99
13) 1,4-Dichlorobenzene	8.06	146	141955	39.494	ng	99
14) 1,2-Dichlorobenzene	8.38	146	136076	38.774	ng	98
15) Benzyl Alcohol	8.27	79	112105	43.193	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	147944	38.969	ng	98
17) 2-Methylphenol	8.49	107	109384	44.432	ng	98
18) Hexachloroethane	9.11	117	52114	40.187	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	96074	40.232	ng	98
20) 3+4-Methylphenols	8.82	107	146214	43.312	ng	89
22) Acetophenone	8.85	105	193746	42.433	ng	# 99
24) Nitrobenzene	9.23	77	146088	44.343	ng	99
25) Isophorone	9.75	82	273168	43.203	ng	98
26) 2-Nitrophenol	9.94	139	75496	47.466	ng	99
27) 2,4-Dimethylphenol	10.01	122	117051	51.346	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	148250	42.482	ng	98
29) 2,4-Dichlorophenol	10.49	162	140244	48.015	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	156626	42.546	ng	96
31) Naphthalene	10.88	128	408727	45.162	ng	100
32) Benzoic acid	10.18	122	60496	37.252	ng	94
33) 4-Chloroaniline	11.02	127	10879	2.933	ng	96
34) Hexachlorobutadiene	11.17	225	108595	39.905	ng	95
35) Caprolactam	11.77	113	22823	22.688	ng	90
36) 4-Chloro-3-methylphenol	12.13	107	148403	46.579	ng	97
37) 2-Methylnaphthalene	12.48	142	305850	44.045	ng	98
38) 1-Methylnaphthalene	12.70	142	287611	43.531	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	198582	43.105	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	201379	83.213	nq	96
43) 2,4,6-Trichlorophenol	13.09	196	126439	46.604	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	135237	49.306	nq	98
46) 1,1'-Biphenyl	13.49	154	410175	43.314	nq	100
47) 2-Chloronaphthalene	13.53	162	314523	43.651	nq	98
48) 2-Nitroaniline	13.74	65	94169	43.728	nq	96
49) Acenaphthylene	14.37	152	510285	45.504	nq	98
50) Dimethylphthalate	14.11	163	417967	43.349	nq	99
51) 2,6-Dinitrotoluene	14.23	165	96816	46.219	nq	92
52) Acenaphthene	14.71	154	304223	44.485	nq	97
53) 3-Nitroaniline	14.56	138	24785	12.255	nq	99
54) 2,4-Dinitrophenol	14.77	184	84986	66.340	nq	96
55) Dibenzofuran	15.05	168	494666	44.604	nq	99
56) 4-Nitrophenol	14.90	139	134195	99.017	nq	95
57) 2,4-Dinitrotoluene	15.01	165	129618	43.299	nq	94
58) Fluorene	15.70	166	413027	44.404	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	139098	47.732	nq	# 99
60) Diethylphthalate	15.47	149	408397	42.154	nq	96
61) 4-Chlorophenyl-phenylether	15.69	204	240291	44.283	nq	99
62) 4-Nitroaniline	15.73	138	77617	37.162	nq	94
63) Azobenzene	15.98	77	349804	44.613	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	71057	42.731	nq	95
66) n-Nitrosodiphenylamine	15.91	169	363500	45.565	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	167803	44.127	nq	98
68) Hexachlorobenzene	16.71	284	187444	42.942	nq	96
69) Atrazine	16.85	200	156225	56.358	nq	97
70) Pentachlorophenol	17.05	266	215244	108.219	nq	96
71) Phenanthrene	17.44	178	646971	44.713	nq	99
72) Anthracene	17.53	178	675666	46.672	nq	100
73) Carbazole	17.81	167	598565	45.657	nq	99
74) Di-n-butylphthalate	18.35	149	716011	45.012	nq	99
75) Fluoranthene	19.44	202	852941	45.216	nq	98
77) Benzidine	19.63	184	136081	21.408	nq	99
78) Pyrene	19.81	202	863166	44.150	nq	99
80) Butylbenzylphthalate	20.69	149	330598	44.633	nq	97
81) Benzo(a)anthracene	21.64	228	913208	46.157	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	163348	21.346	nq	96
83) Chrysene	21.71	228	874662	44.494	nq	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	483349	45.938	nq	99
85) Di-n-octyl phthalate	22.75	149	825378	46.237	nq	100
86) Indeno(1,2,3-cd)pyrene	28.51	276	1165049	47.215	nq	99
88) Benzo(b)fluoranthene	23.85	252	947105	44.710	nq	97
89) Benzo(k)fluoranthene	23.92	252	987070	46.286	nq	100
90) Benzo(a)pyrene	24.71	252	894360	44.213	nq	99
91) Dibenzo(a,h)anthracene	28.56	278	978347	47.284	nq	98
92) Benzo(g,h,i)perylene	29.64	276	977117	47.876	nq	97

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

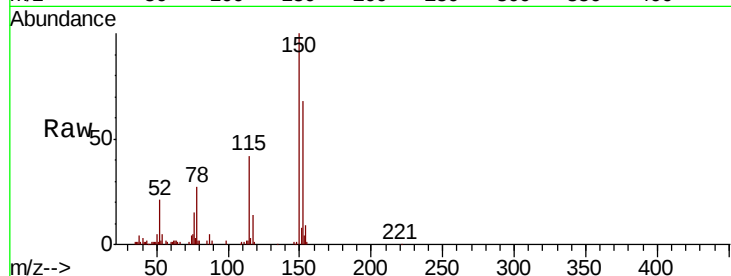


#1

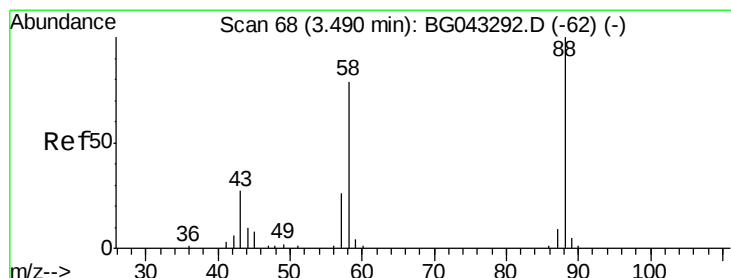
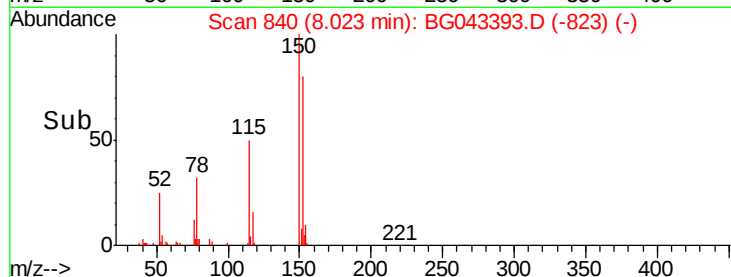
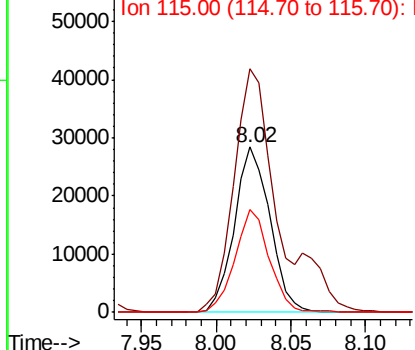
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 47068
Ion Ratio Lower Upper
152 100
150 147.3 113.6 170.4
115 62.5 45.9 68.9



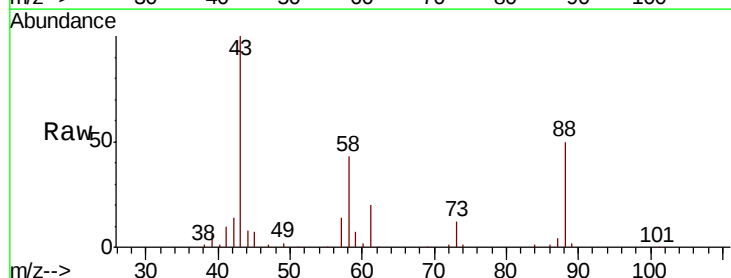
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



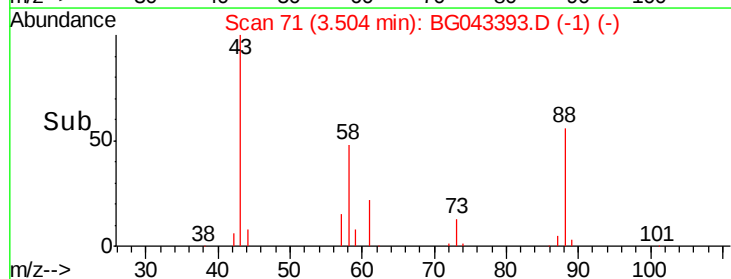
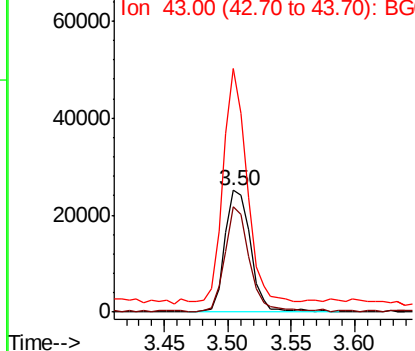
#2

1,4-Dioxane
Concen: 35.285 ng
RT: 3.50 min Scan# 71
Delta R.T. 0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion: 88 Resp: 35319
Ion Ratio Lower Upper
88 100
58 83.5 60.2 90.2
43 184.2 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: 35.309 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampleId :

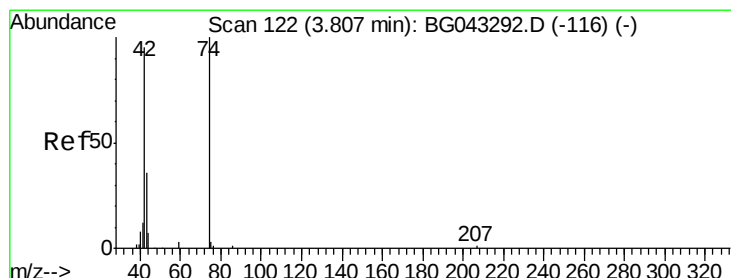
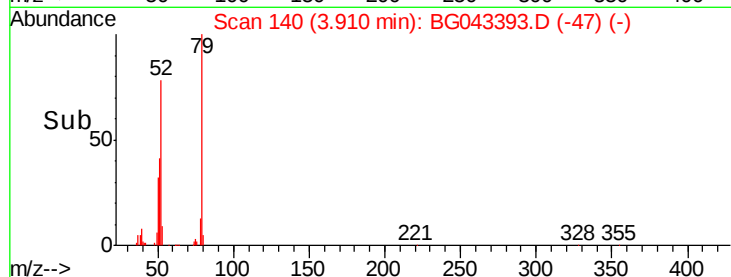
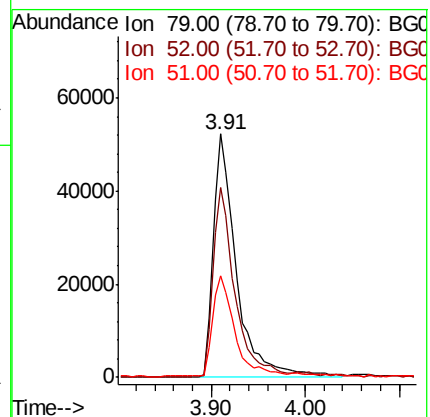
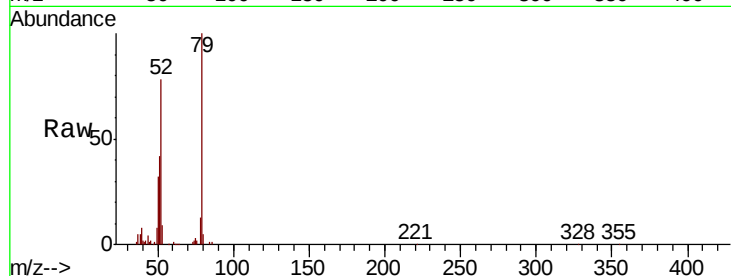
Tot Ion: 79 Resp: 89155

Ion Ratio Lower Upper

79 100

52 78.1 59.7 89.5

51 41.9 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 45.205 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

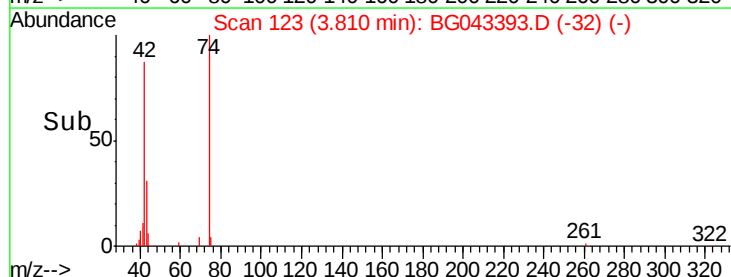
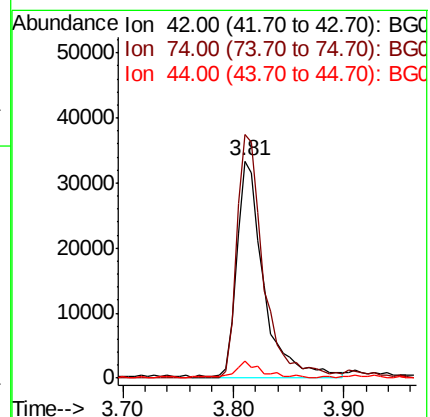
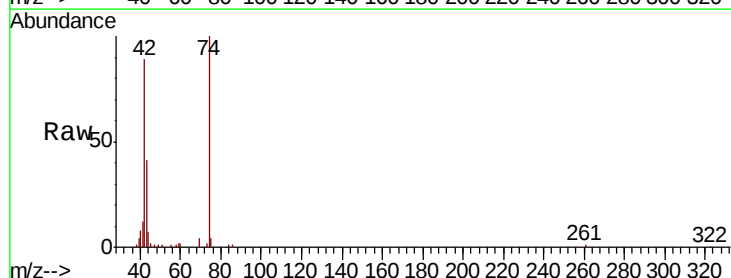
Tgt Ion: 42 Resp: 57596

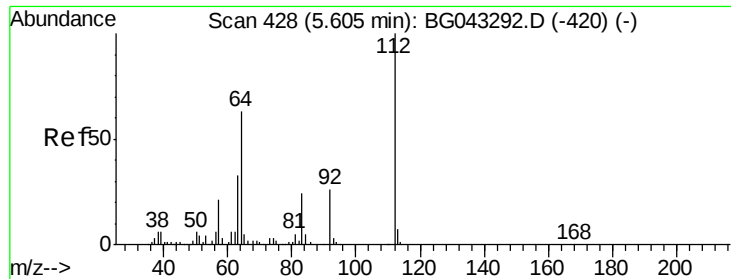
Ion Ratio Lower Upper

42 100

74 112.2 84.2 126.2

44 7.9 6.0 9.0





#5

2-Fluorophenol

Concen: 130.102 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampleId :

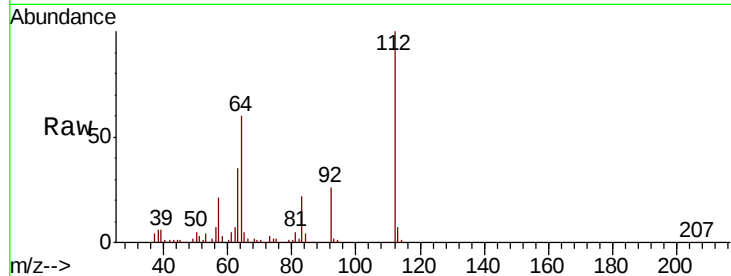
Tot Ion:112 Resp: 334179

Ion Ratio Lower Upper

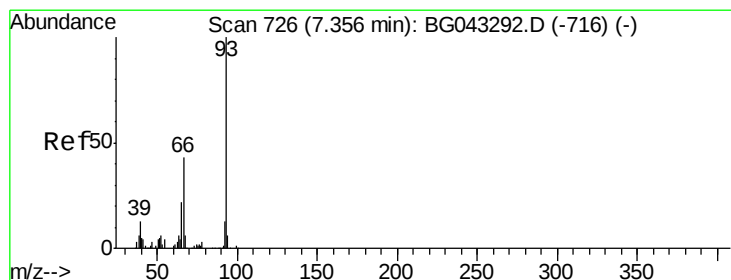
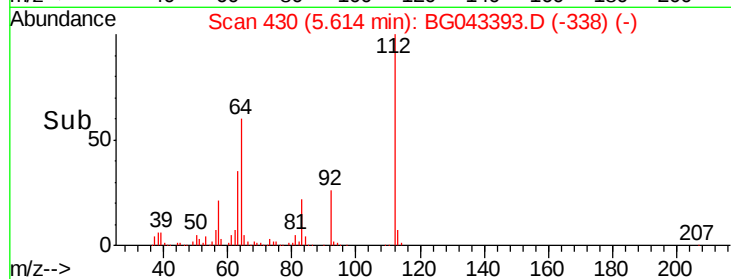
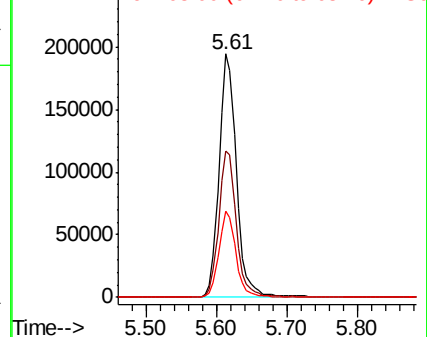
112 100

64 60.2 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: 9.935 ng

RT: 7.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

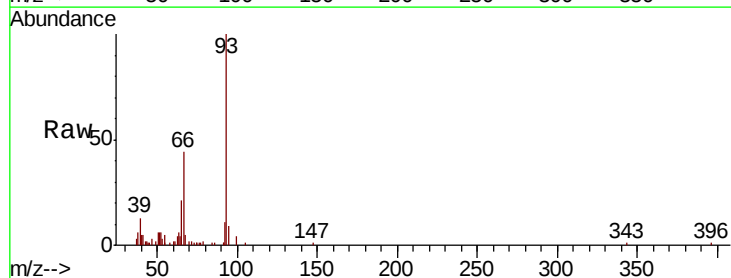
Tgt Ion: 93 Resp: 42297

Ion Ratio Lower Upper

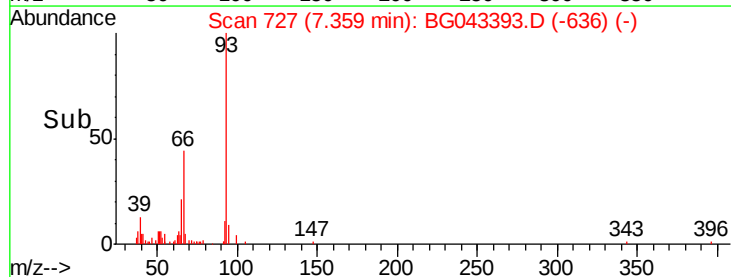
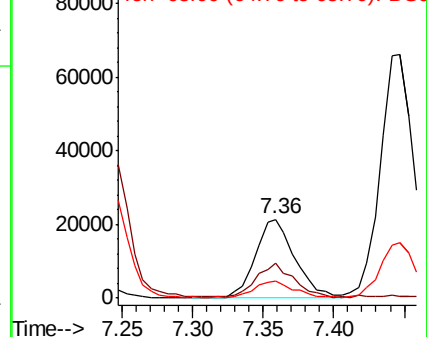
93 100

66 44.0 34.5 51.7

65 21.3 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: 119.072 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampleId :

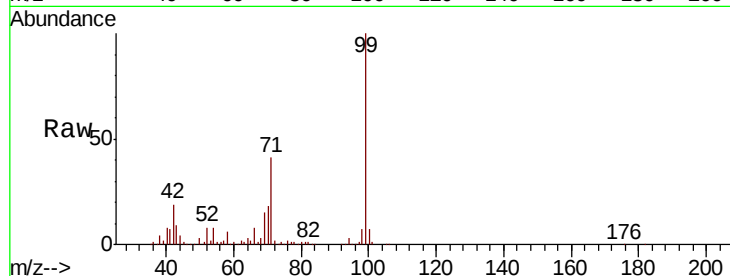
Tot Ion: 99 Resp: 440042

Ion Ratio Lower Upper

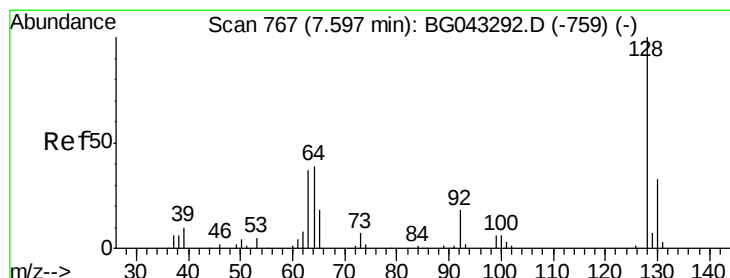
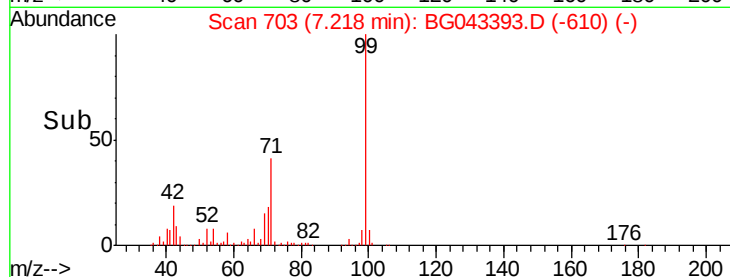
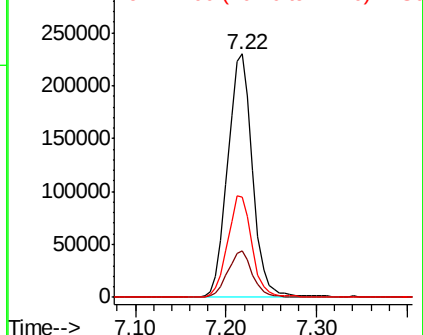
99 100

42 19.0 14.9 22.3

71 41.3 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: 45.527 ng

RT: 7.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

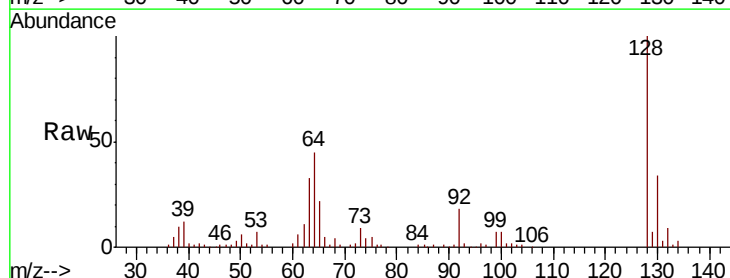
Tgt Ion: 128 Resp: 129089

Ion Ratio Lower Upper

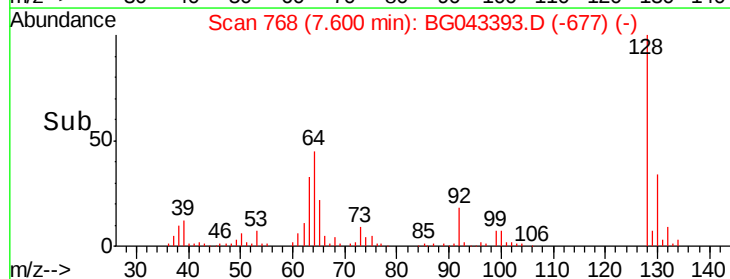
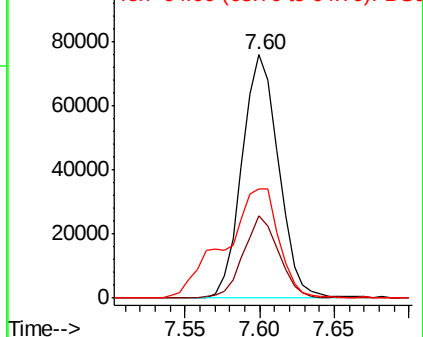
128 100

130 33.6 12.9 52.9

64 44.9 24.9 64.9



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





#9

Benzaldehyde

Concen: 34.599 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampled :

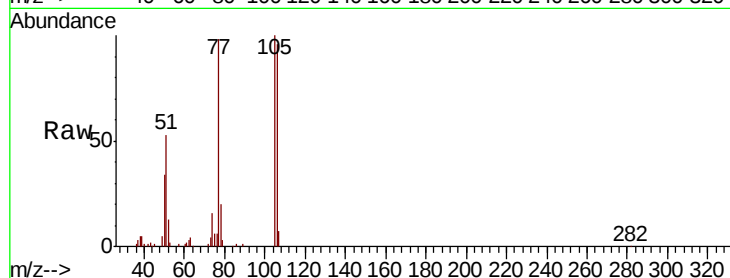
Tot Ion: 77 Resp: 62838

Ion Ratio Lower Upper

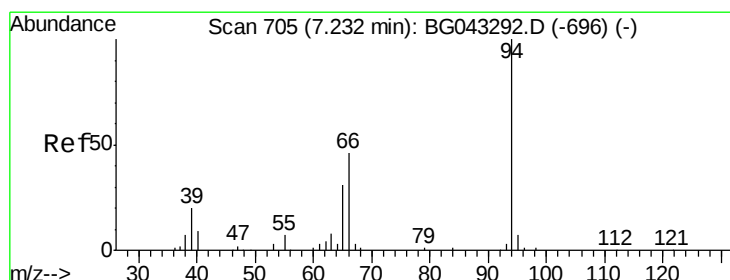
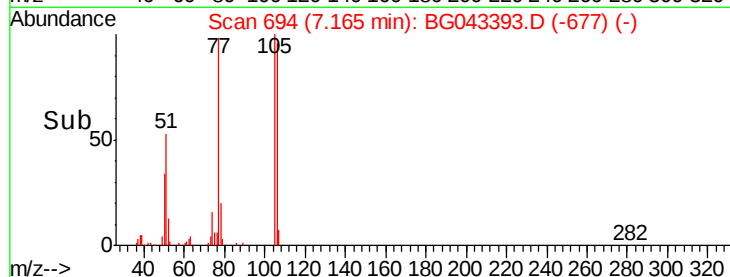
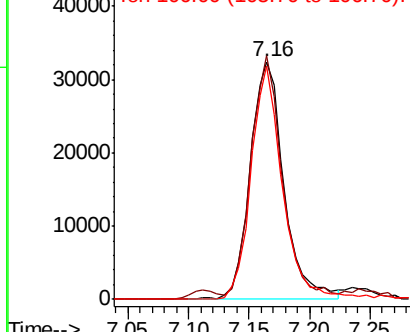
77 100

105 102.4 68.7 108.7

106 98.4 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: 45.058 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

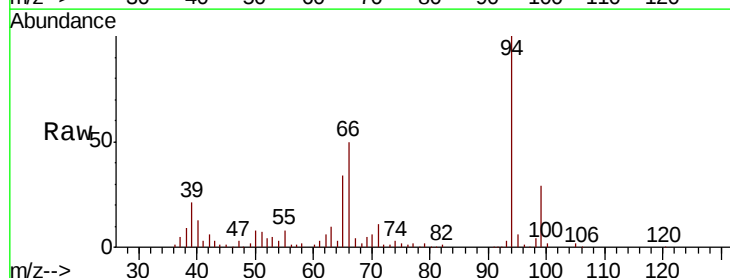
Tgt Ion: 94 Resp: 152161

Ion Ratio Lower Upper

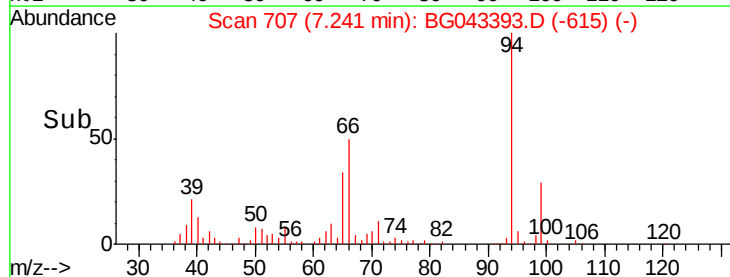
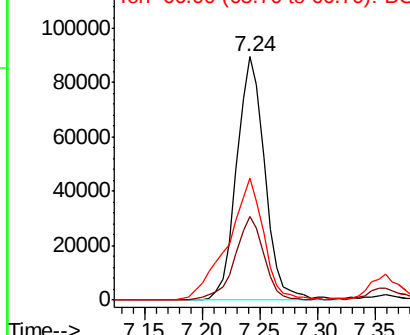
94 100

65 34.4 11.1 51.1

66 50.3 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



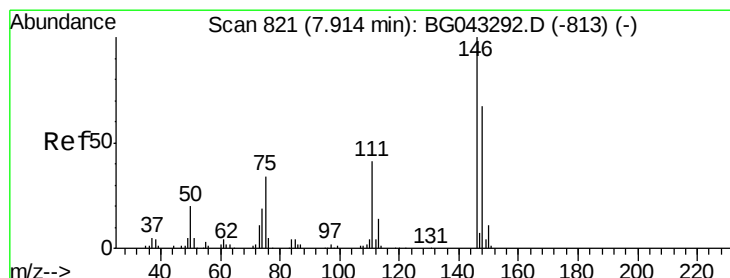
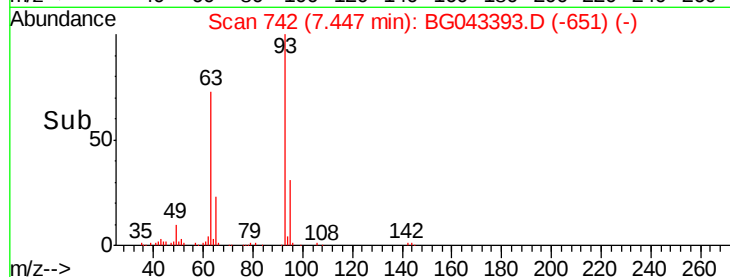
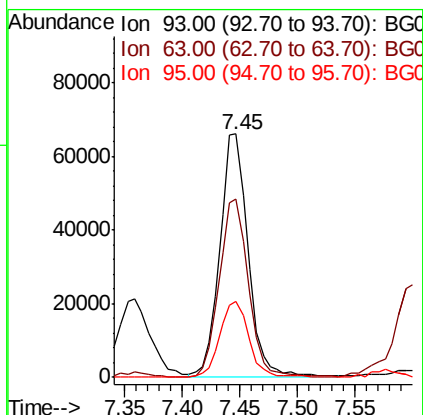
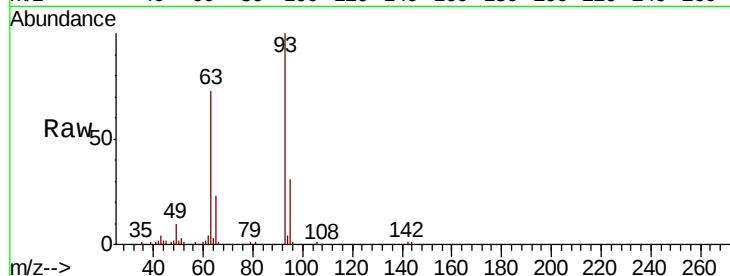


#11
bis(2-Chloroethyl)ether
Concen: 43.388 ng
RT: 7.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 113283

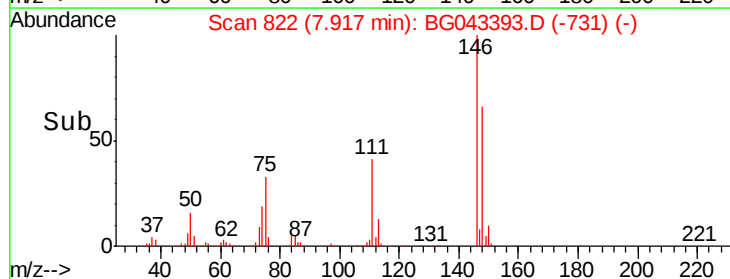
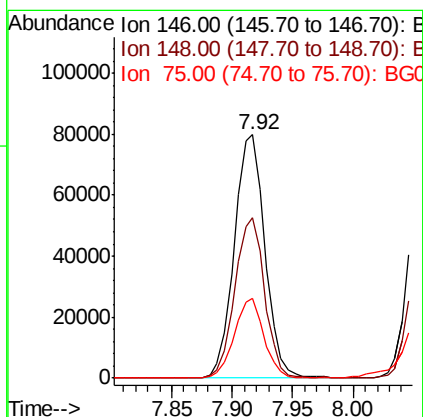
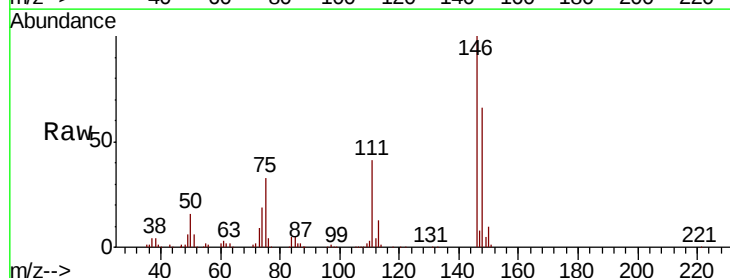
Ion	Ratio	Lower	Upper
93	100		
63	73.1	54.6	94.6
95	31.2	9.7	49.7

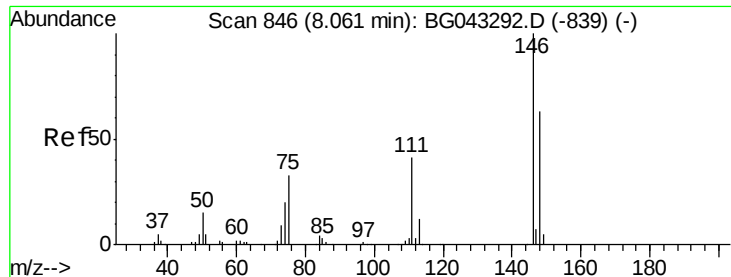


#12
1,3-Dichlorobenzene
Concen: 39.671 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion: 146 Resp: 140933

Ion	Ratio	Lower	Upper
146	100		
148	65.7	53.4	80.2
75	32.8	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 39.494 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampled :

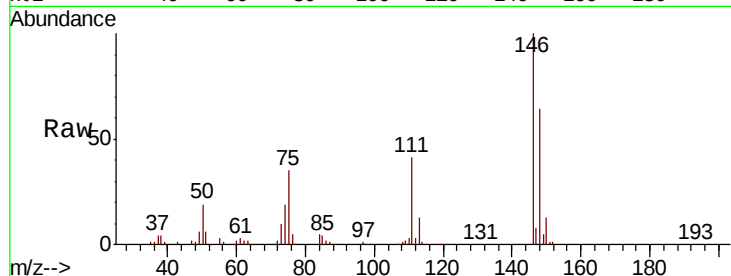
Tot Ion:146 Resp: 141955

Ion Ratio Lower Upper

146 100

148 63.6 50.7 76.1

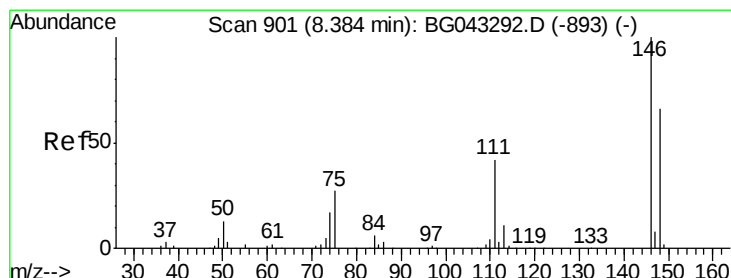
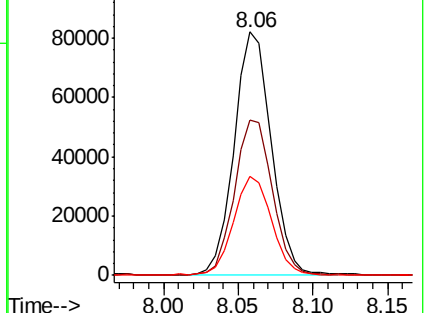
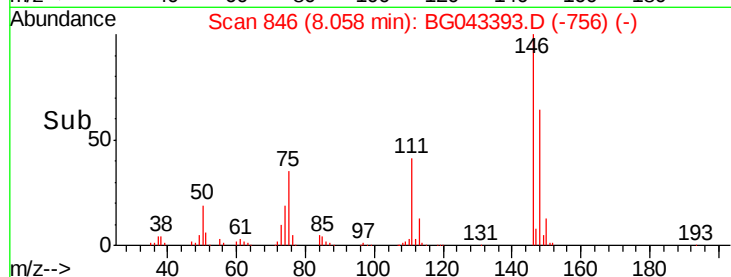
111 40.7 33.0 49.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.774 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

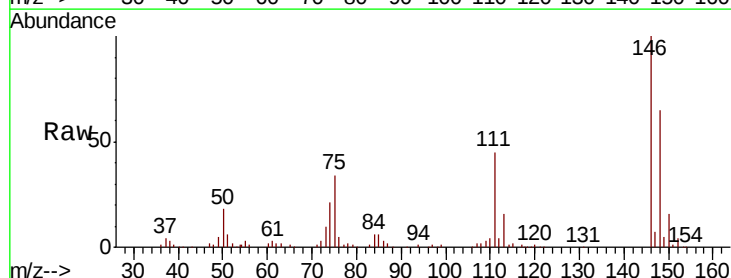
Tgt Ion:146 Resp: 136076

Ion Ratio Lower Upper

146 100

148 65.5 53.0 79.4

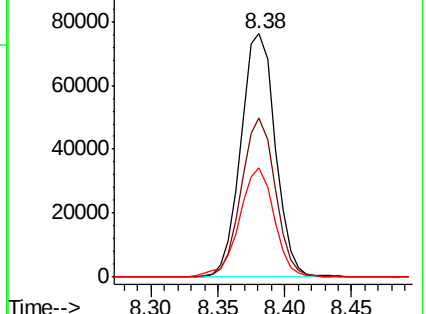
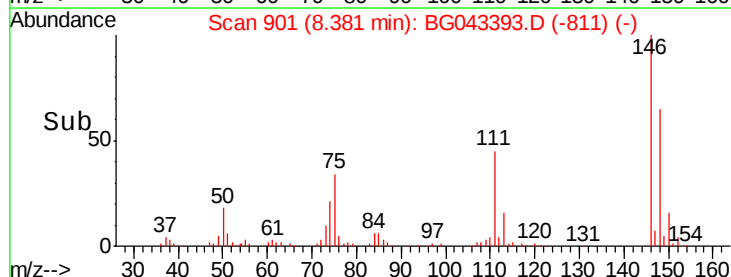
111 44.8 34.5 51.7

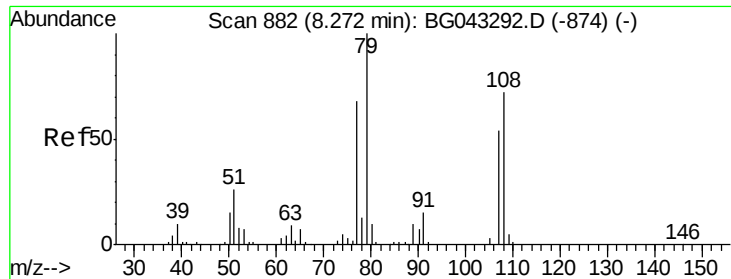


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.193 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampleId :

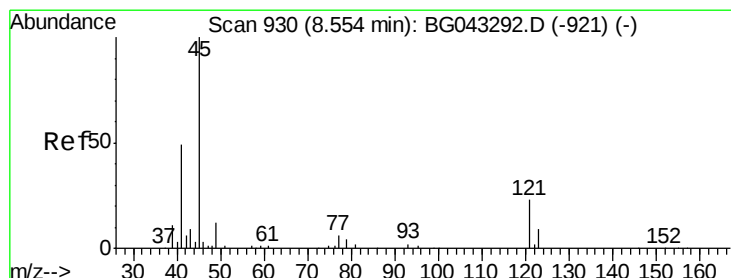
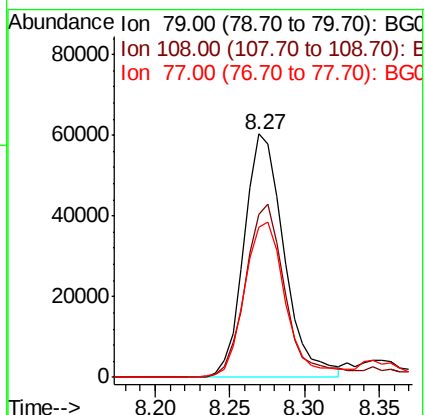
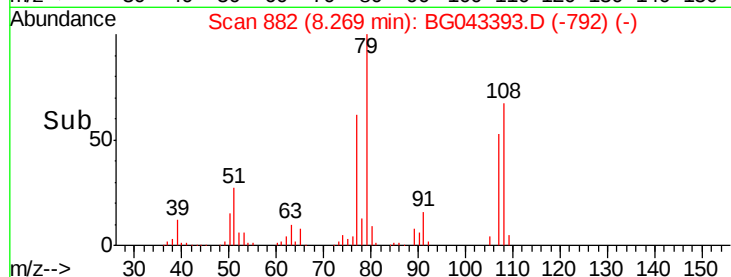
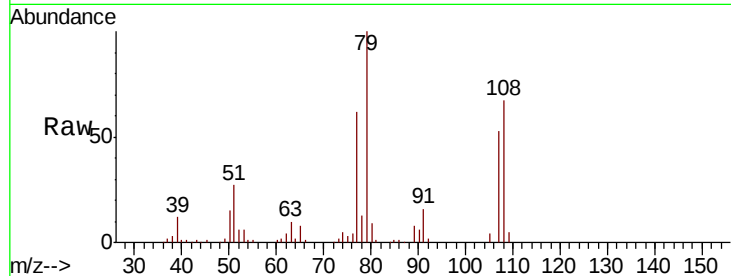
Tot Ion: 79 Resp: 112105

Ion Ratio Lower Upper

79 100

108 67.0 57.3 85.9

77 61.8 54.6 81.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.969 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

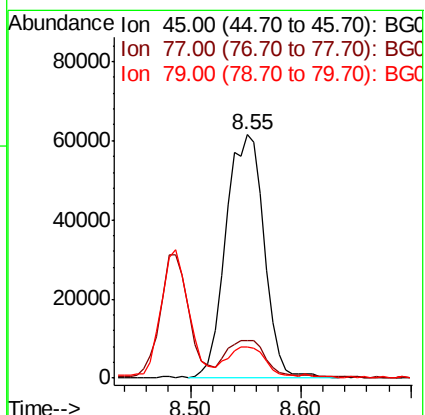
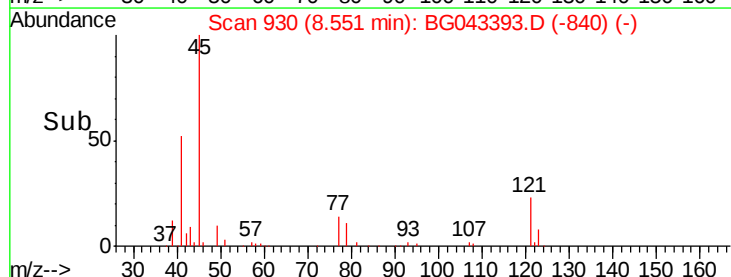
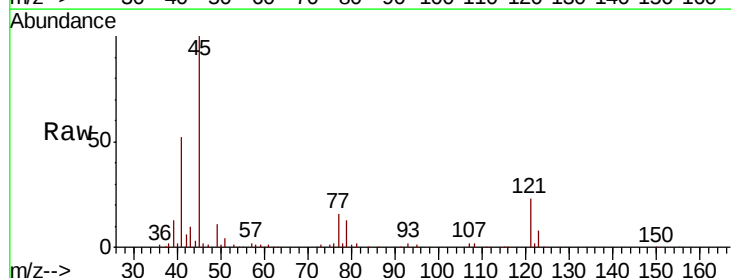
Tgt Ion: 45 Resp: 147944

Ion Ratio Lower Upper

45 100

77 15.5 0.0 34.2

79 12.9 0.0 32.3





#17

2-Methylphenol

Concen: 44.432 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 109384

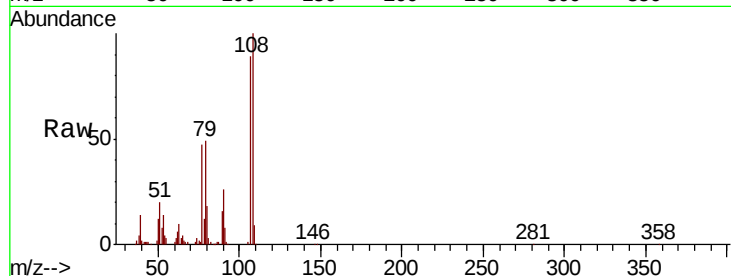
Ion Ratio Lower Upper

107 100

108 111.8 91.3 136.9

77 52.6 43.0 64.6

79 54.6 43.4 65.2

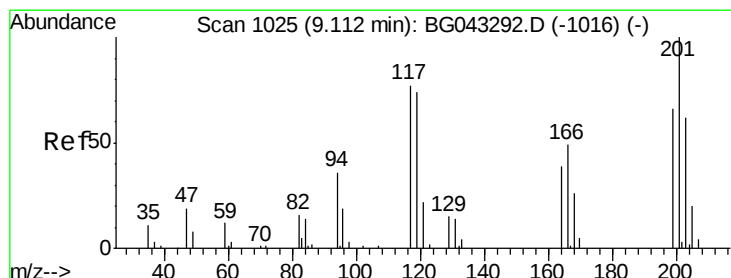
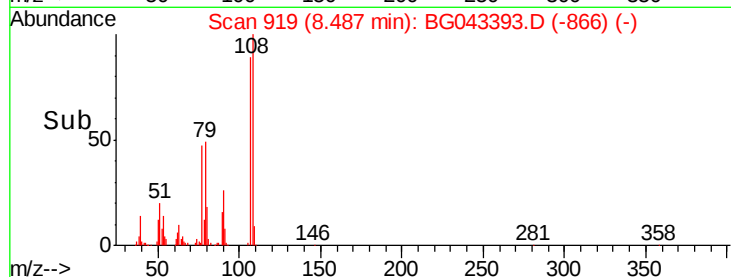
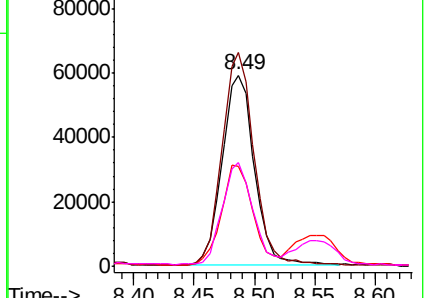


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.187 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

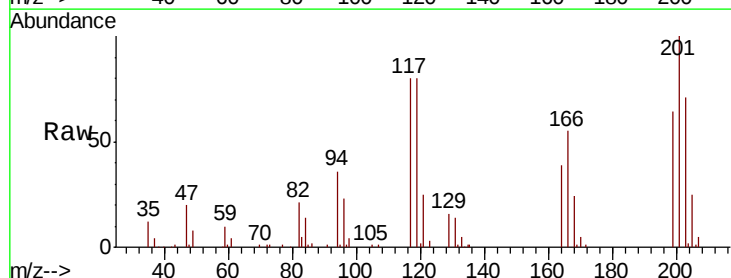
Tgt Ion:117 Resp: 52114

Ion Ratio Lower Upper

117 100

119 100.3 77.3 115.9

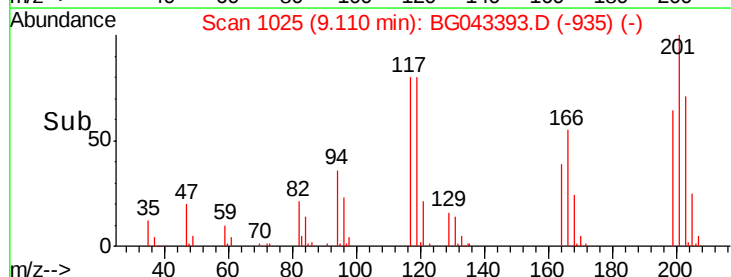
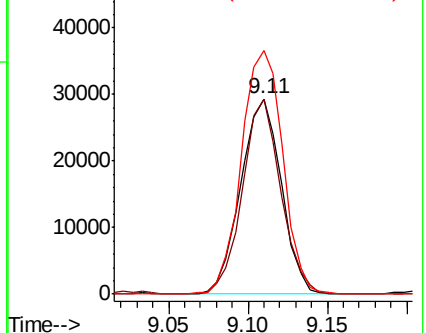
201 124.9 104.2 156.4

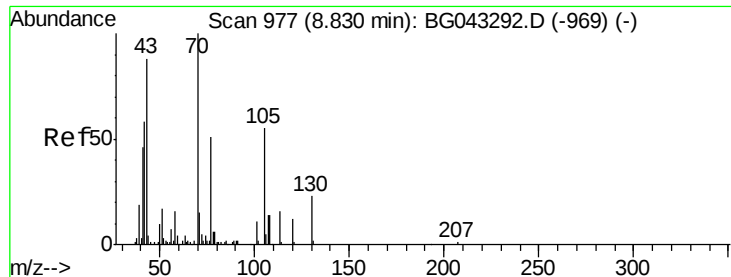


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

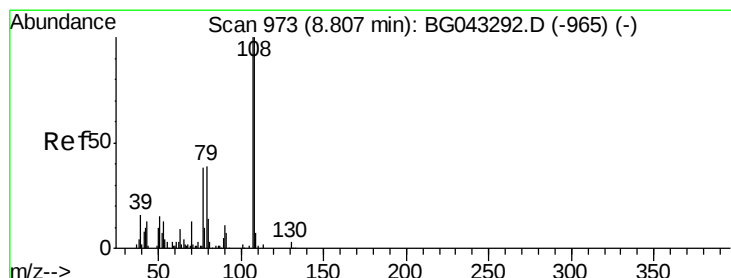
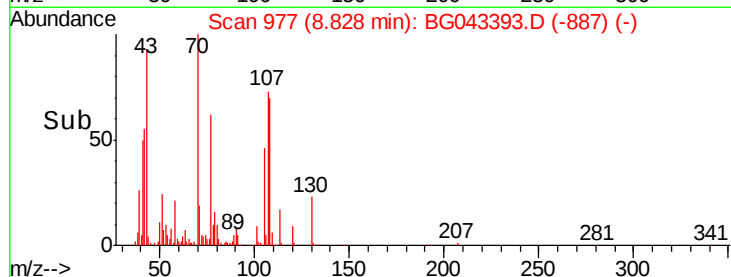
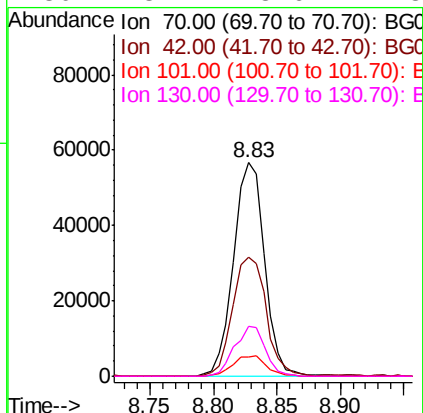
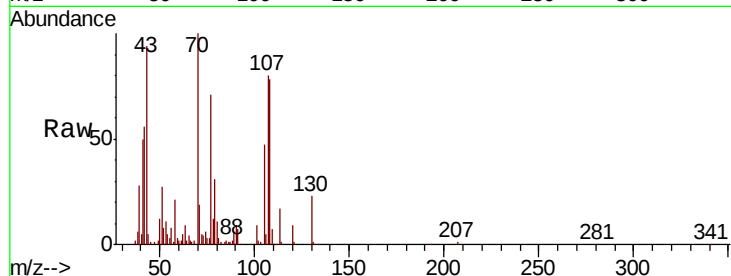




#19
n-Nitroso-di-n-propylamine
Concen: 40.232 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

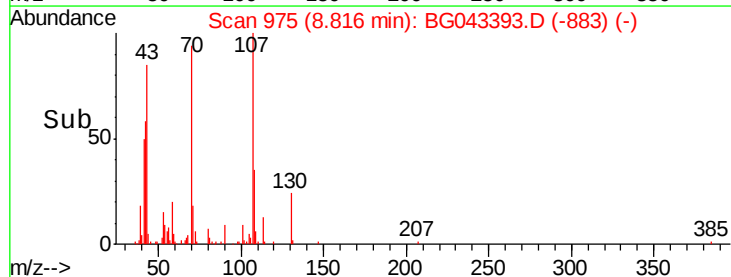
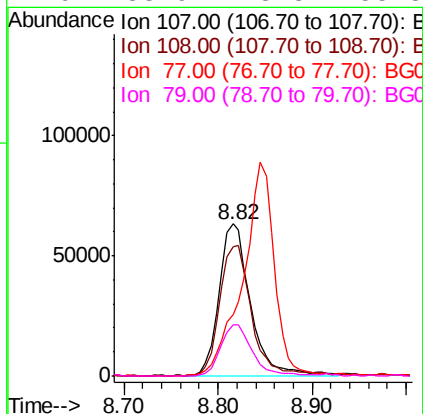
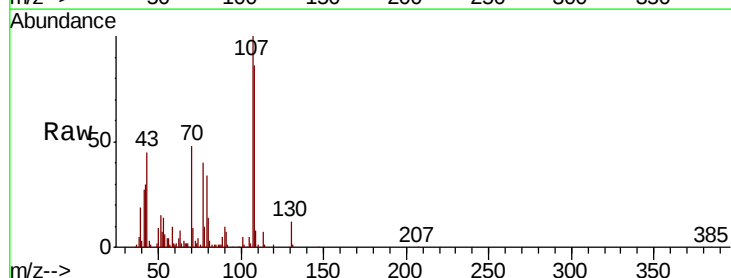
Instrument :
BNA_G
ClientSampleId :

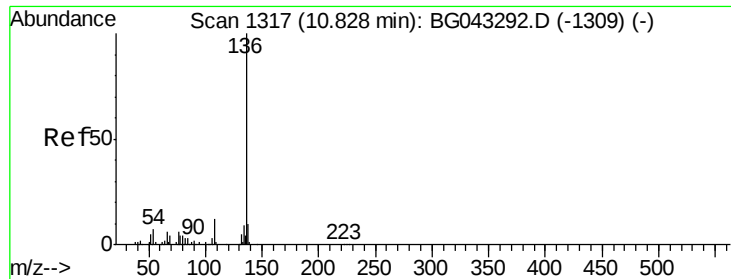
Tot Ion:	70	Resp:	96074
Ion	Ratio	Lower	Upper
70	100		
42	55.7	46.2	69.2
101	9.3	8.6	13.0
130	23.2	18.6	27.8



#20
3+4-Methylphenols
Concen: 43.312 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion:	107	Resp:	146214
Ion	Ratio	Lower	Upper
107	100		
108	85.6	80.3	120.3
77	40.2	18.2	58.2
79	33.9	18.8	58.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 178295

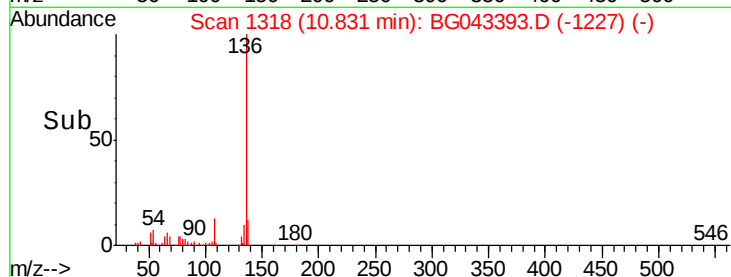
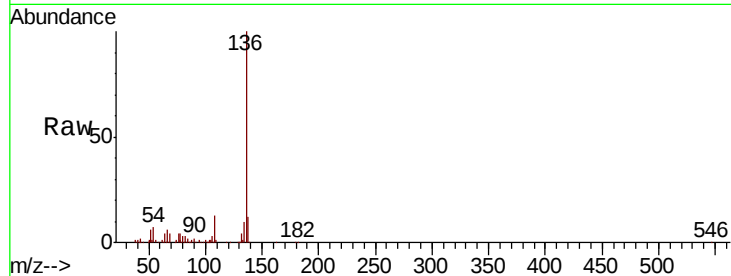
Ion Ratio Lower Upper

136 100

137 12.0 8.2 12.2

54 7.4 5.4 8.2

68 4.4 3.3 4.9

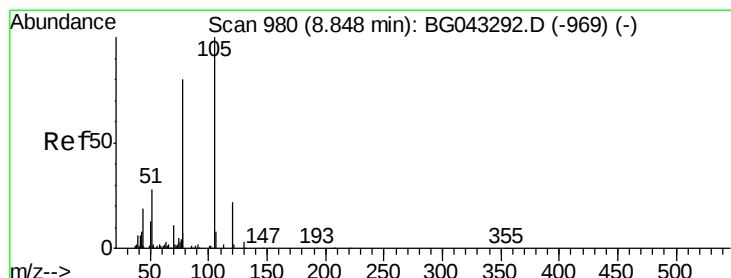
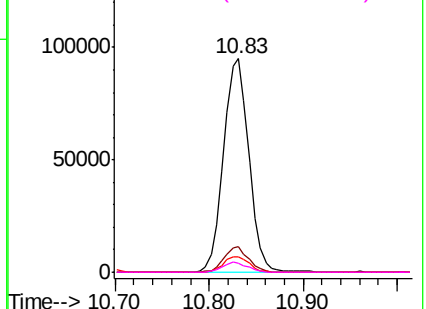


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.433 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Tgt Ion:105 Resp: 193746

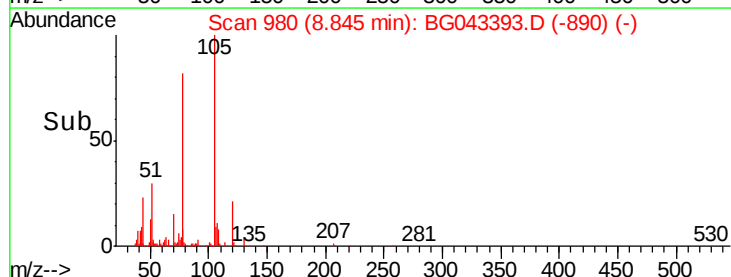
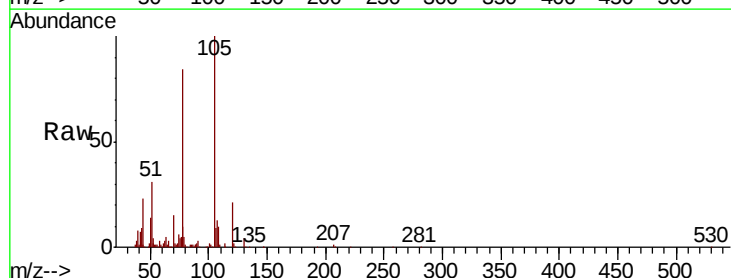
Ion Ratio Lower Upper

105 100

71 2.5 1.5 2.3#

51 30.6 23.9 35.9

120 21.4 17.3 25.9

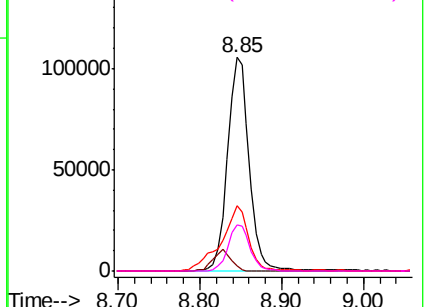


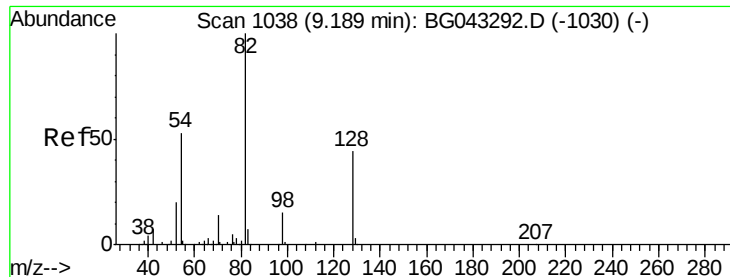
Abundance Ion 105.00 (104.70 to 105.70): E

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: 82.033 ng

RT: 9.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampleId :

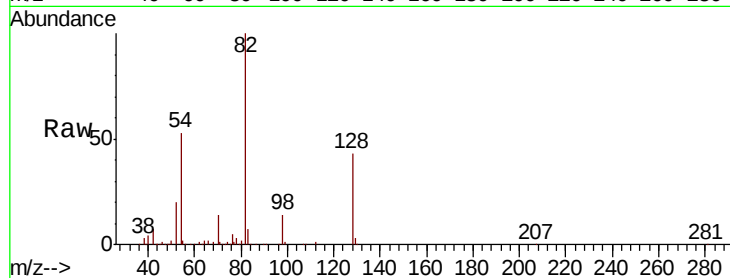
Tot Ion: 82 Resp: 283700

Ion Ratio Lower Upper

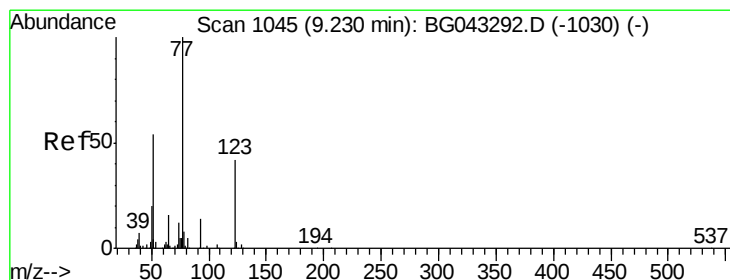
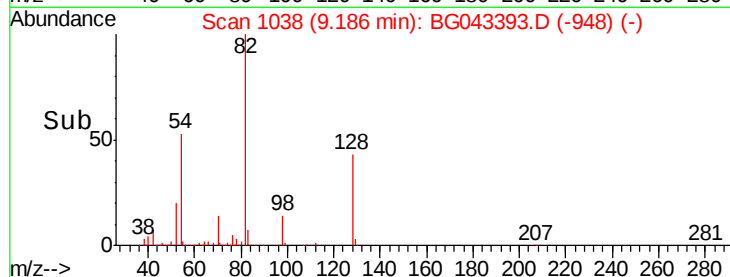
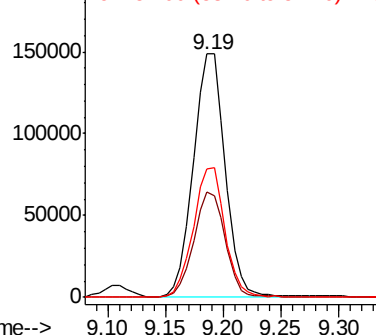
82 100

128 43.2 35.3 52.9

54 52.8 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: 44.343 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

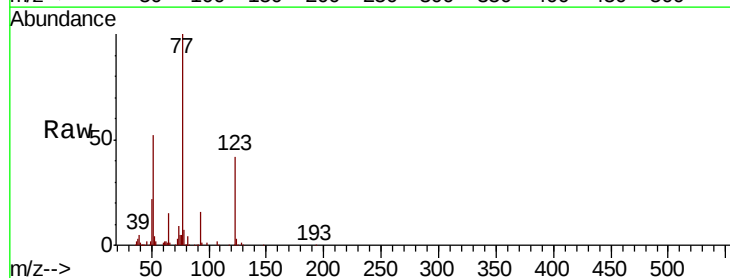
Tgt Ion: 77 Resp: 146088

Ion Ratio Lower Upper

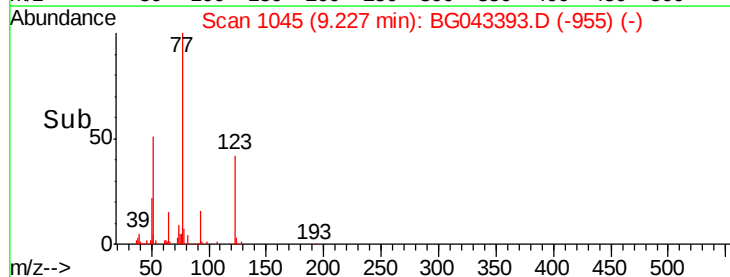
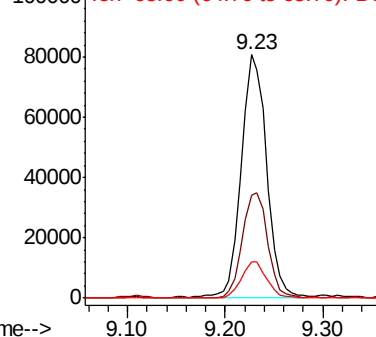
77 100

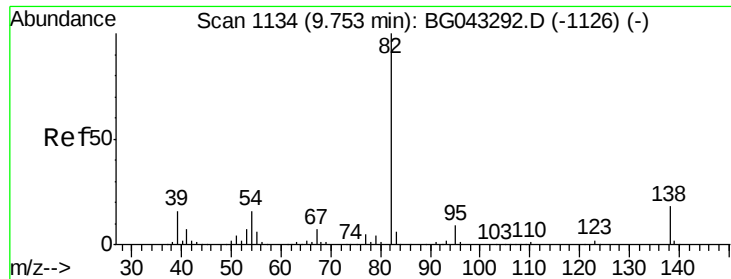
123 42.1 33.8 50.8

65 14.8 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: 43.203 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampleId :

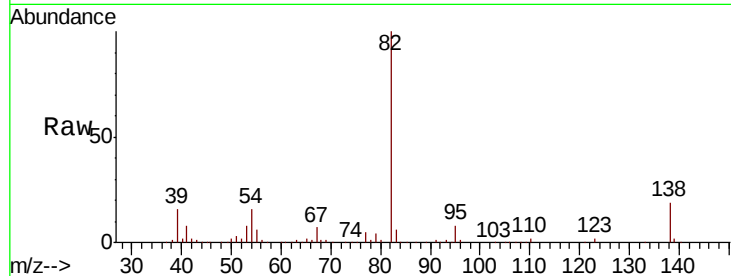
Tot Ion: 82 Resp: 273168

Ion Ratio Lower Upper

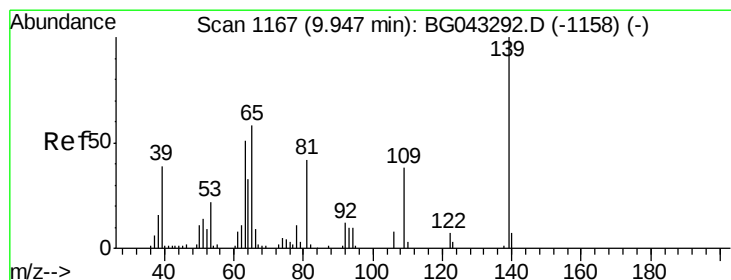
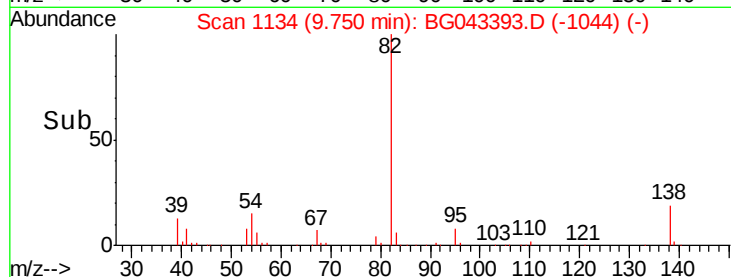
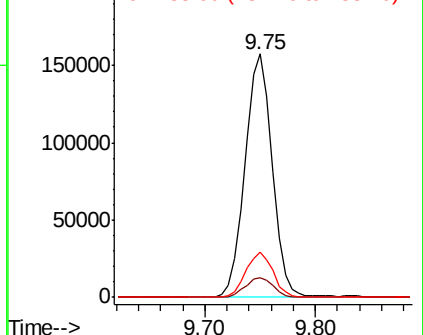
82 100

95 8.2 6.9 10.3

138 18.6 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: 47.466 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

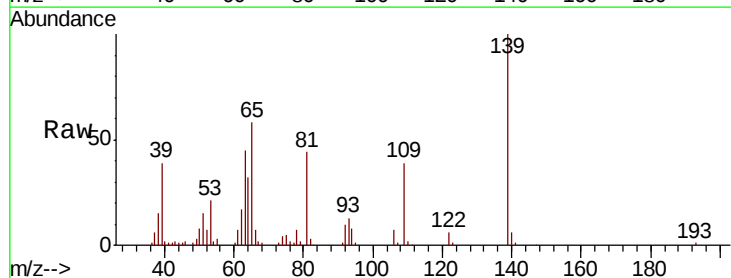
Tgt Ion: 139 Resp: 75496

Ion Ratio Lower Upper

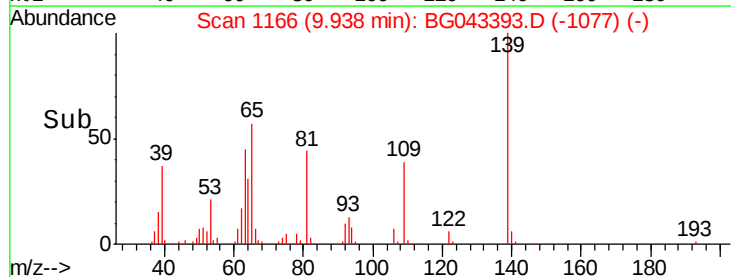
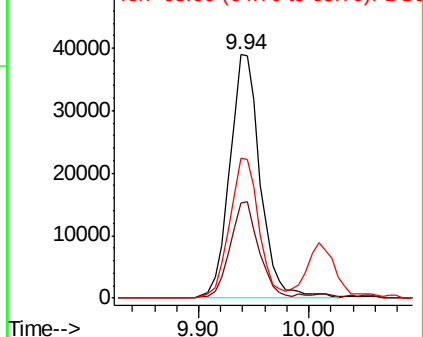
139 100

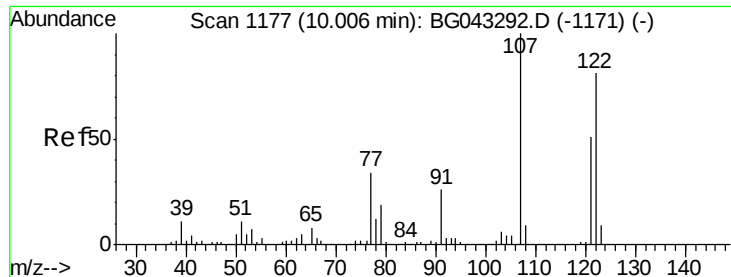
109 39.1 30.1 45.1

65 57.5 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

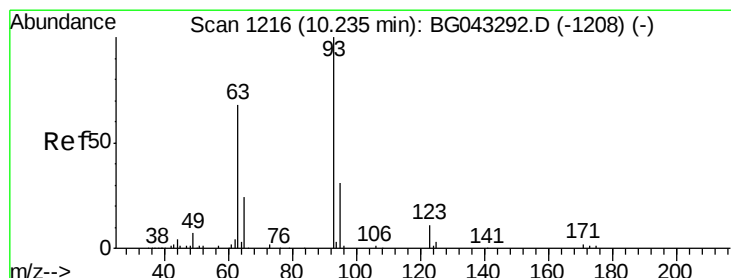
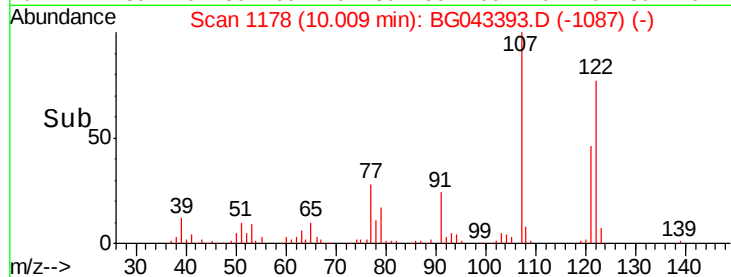
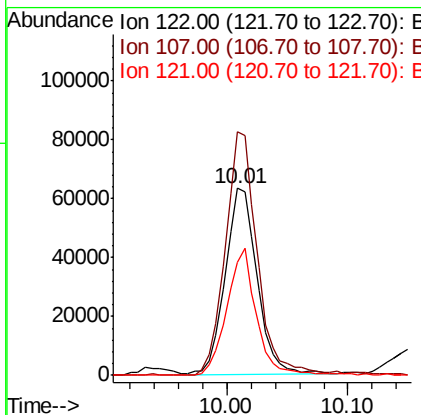
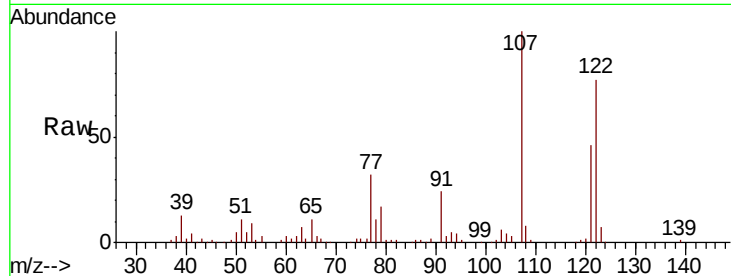




#27
 2,4-Dimethylphenol
 Concen: 51.346 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

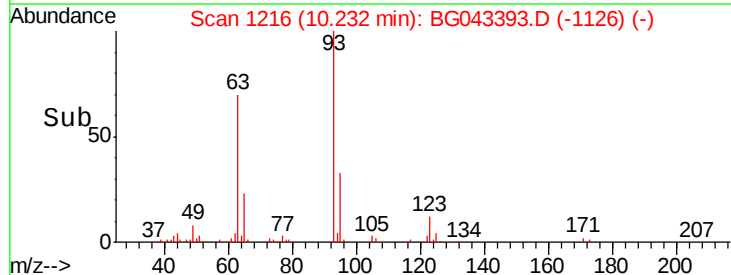
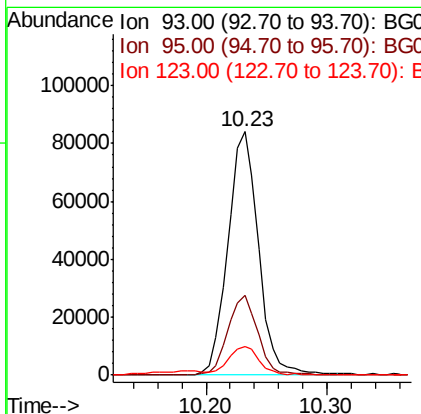
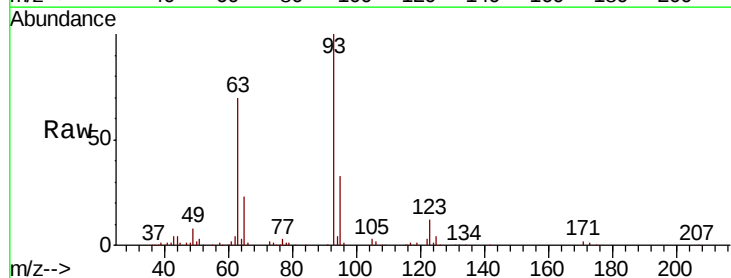
Instrument :
 BNA_G
 ClientSampled :

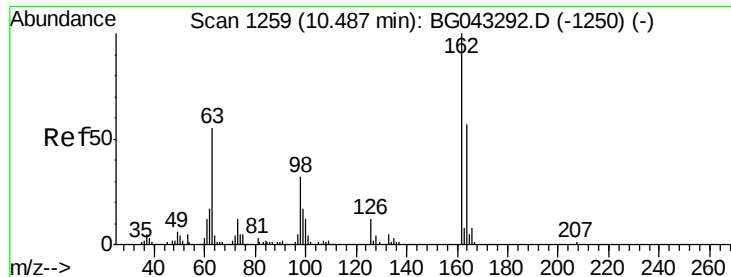
Tot Ion:122 Resp: 117051
 Ion Ratio Lower Upper
 122 100
 107 130.3 98.6 147.8
 121 60.2 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.482 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

Tgt Ion: 93 Resp: 148250
 Ion Ratio Lower Upper
 93 100
 95 32.5 24.9 37.3
 123 11.6 8.9 13.3

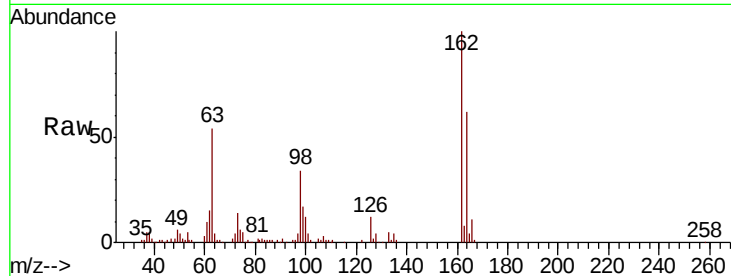




#29
 2,4-Dichlorophenol
 Concen: 48.015 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	37.3	77.3
98	33.8	11.8	51.8

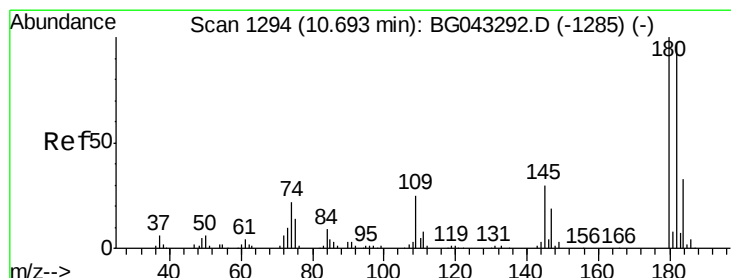
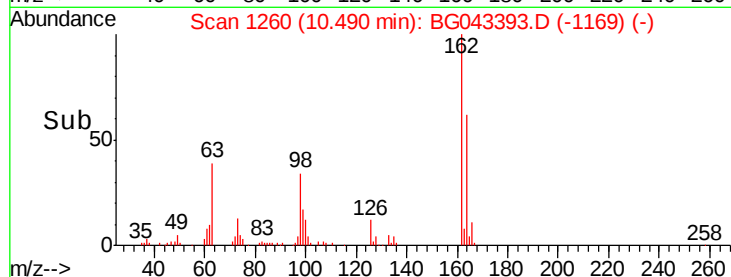
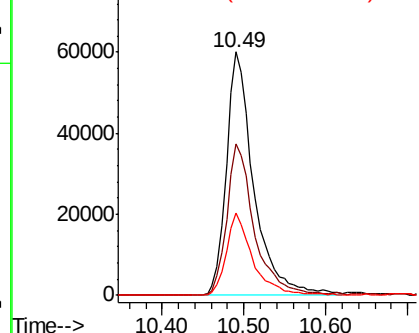


Abundance

Ion 162.00 (161.70 to 162.70): E

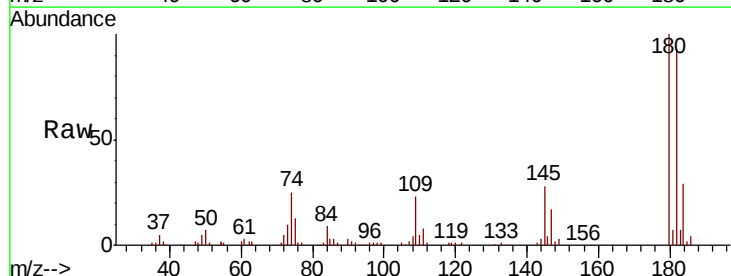
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 42.546 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.8	116.8
145	27.6	23.6	35.4

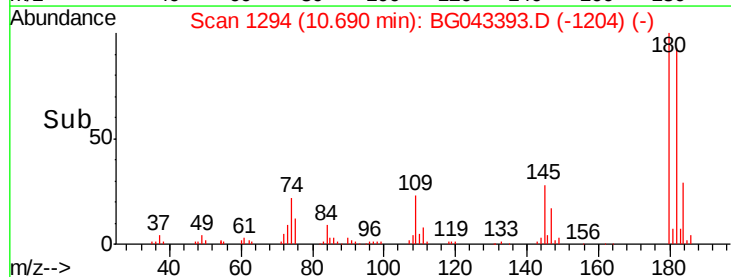
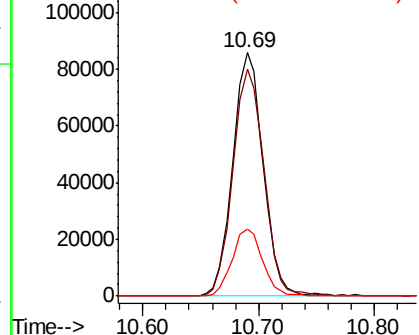


Abundance

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

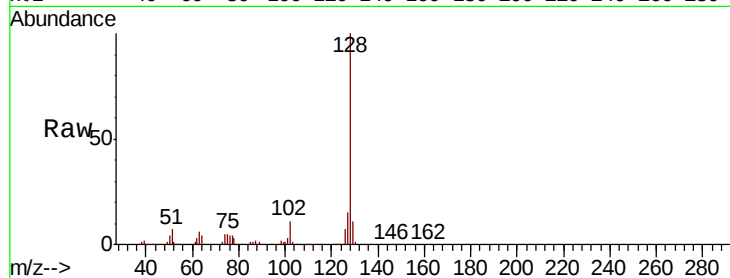




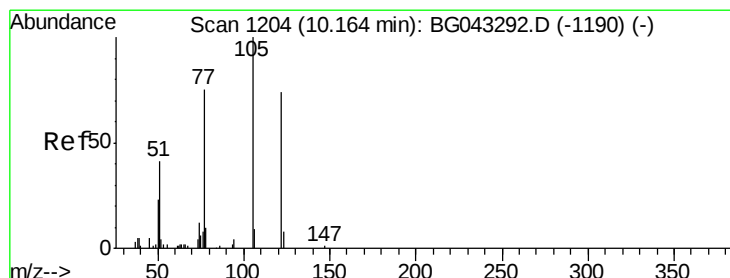
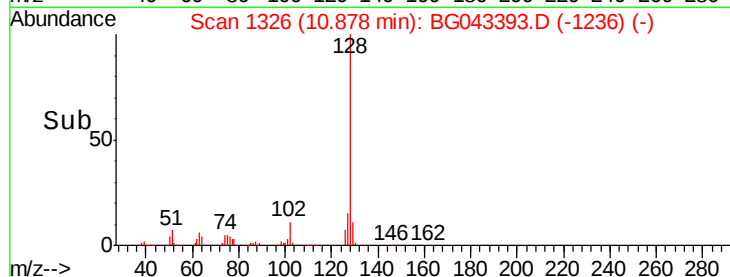
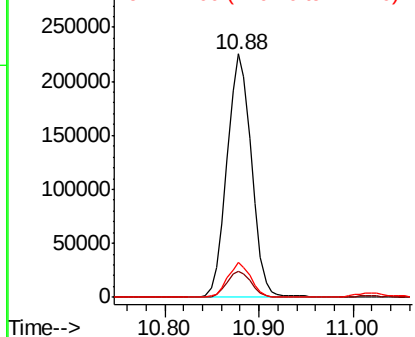
#31
Naphthalene
Concen: 45.162 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 408727
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 14.6 11.5 17.3

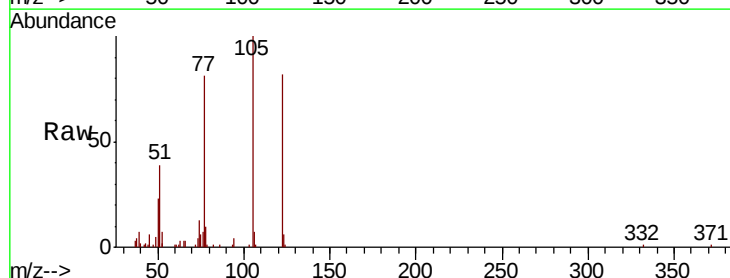


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

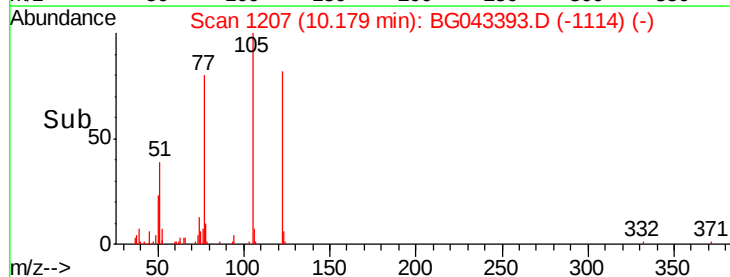
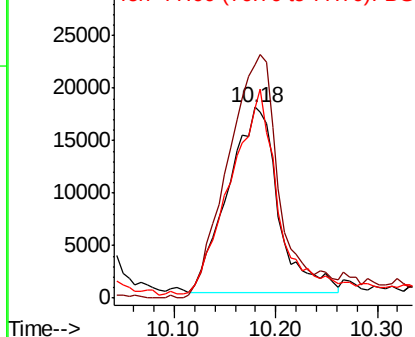


#32
Benzoic acid
Concen: 37.252 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion:122 Resp: 60496
Ion Ratio Lower Upper
122 100
105 122.6 112.4 152.4
77 99.8 82.7 122.7



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

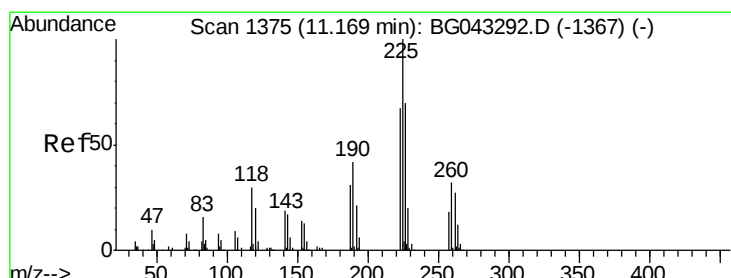
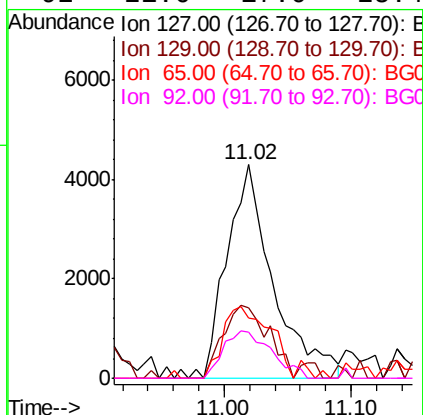
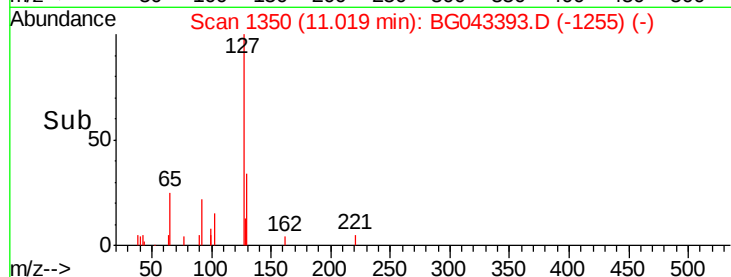
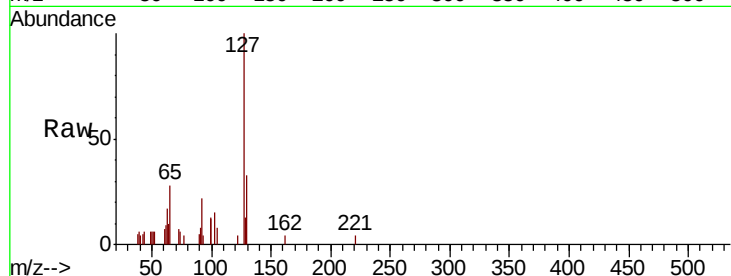




#33
4-Chloroaniline
Concen: 2.933 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

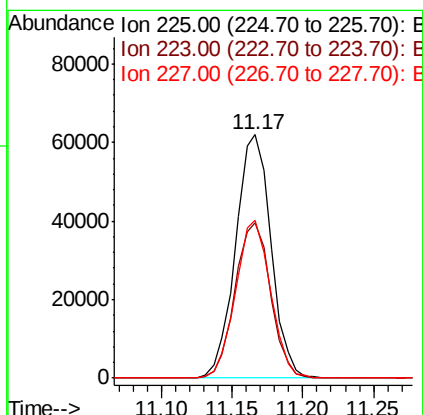
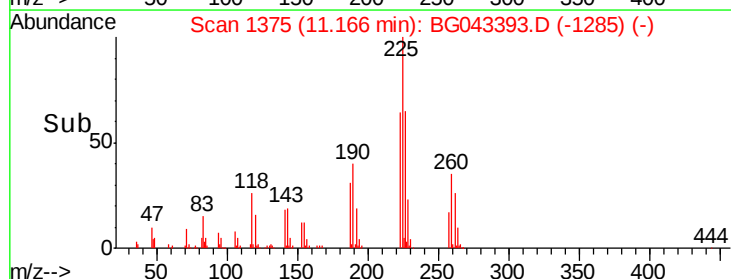
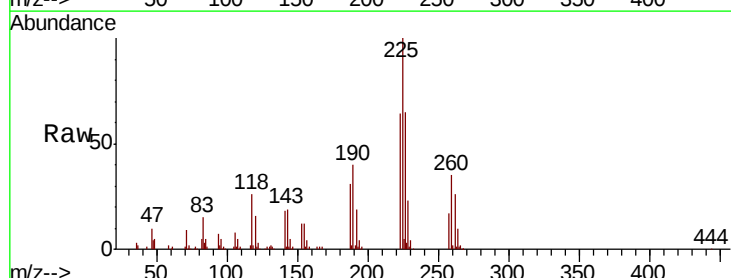
Instrument :
BNA_G
ClientSampleId :

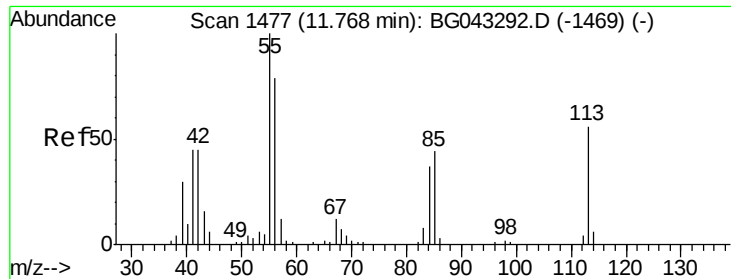
Tot Ion	Ion	Ratio	Lower	Upper
127	127	100		
129	129	32.8	25.8	38.8
65	65	28.0	26.2	39.2
92	92	21.6	17.0	25.4



#34
Hexachlorobutadiene
Concen: 39.905 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ion	Ratio	Lower	Upper
225	225	100		
223	223	63.8	53.2	79.8
227	227	65.0	56.2	84.2





#35

Caprolactam

Concen: 22.688 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampleId :

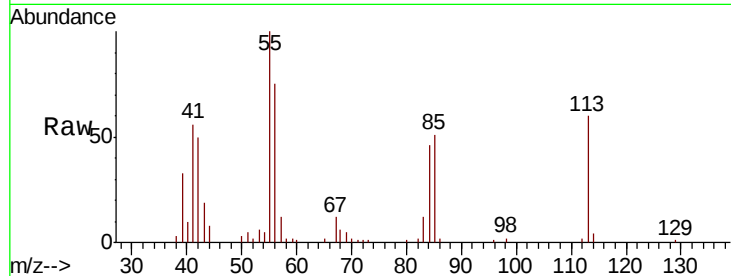
Tot Ion:113 Resp: 22823

Ion Ratio Lower Upper

113 100

55 167.8 158.9 198.9

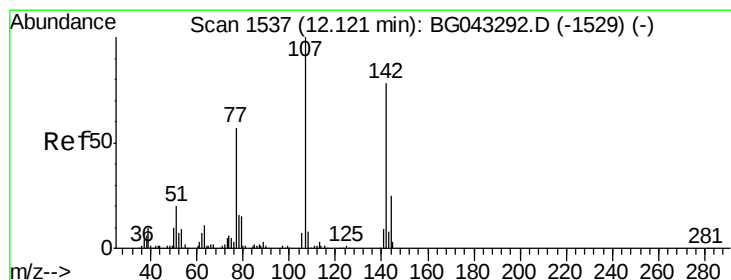
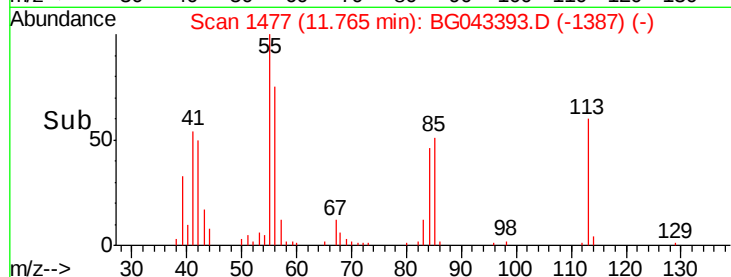
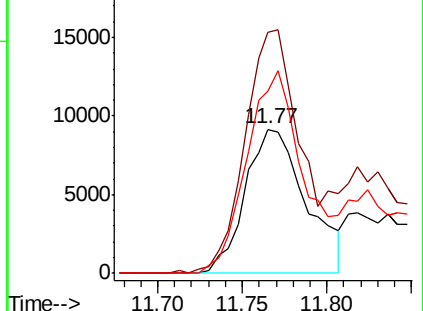
56 126.4 121.4 161.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.579 ng

RT: 12.13 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

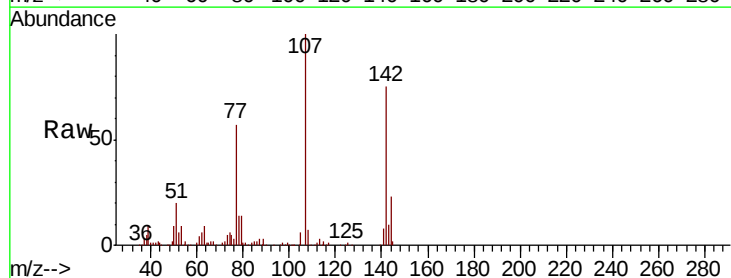
Tgt Ion:107 Resp: 148403

Ion Ratio Lower Upper

107 100

144 23.4 19.9 29.9

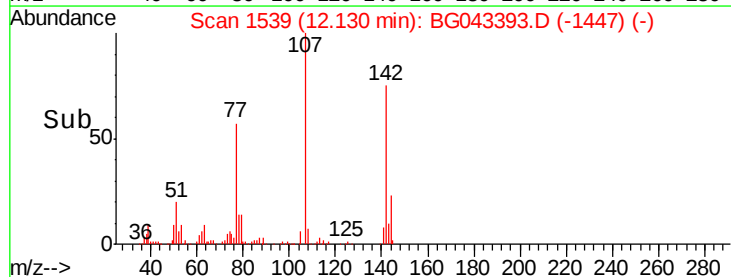
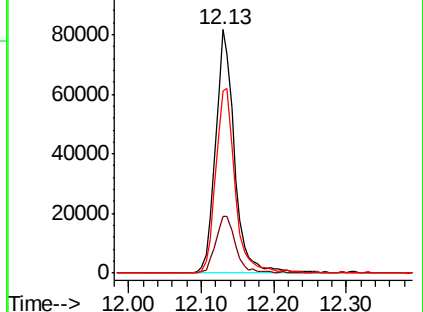
142 74.9 62.1 93.1



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

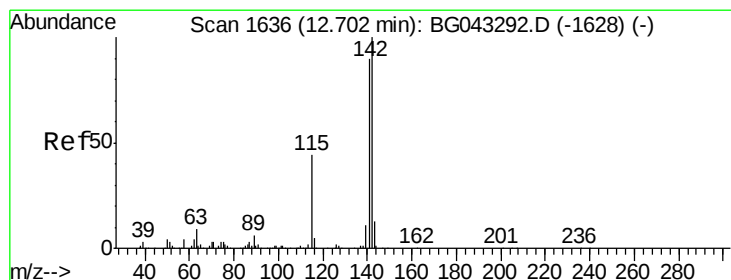
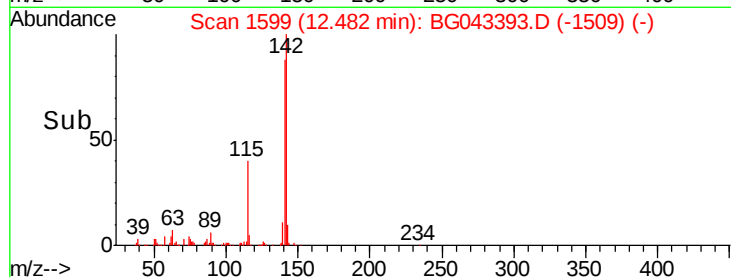
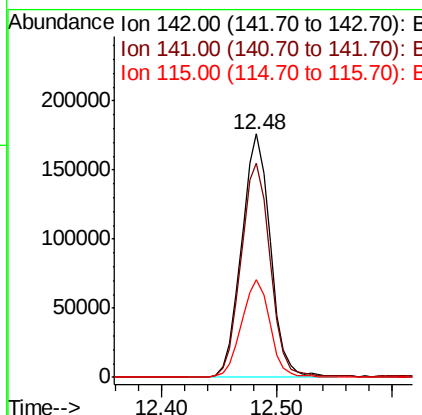
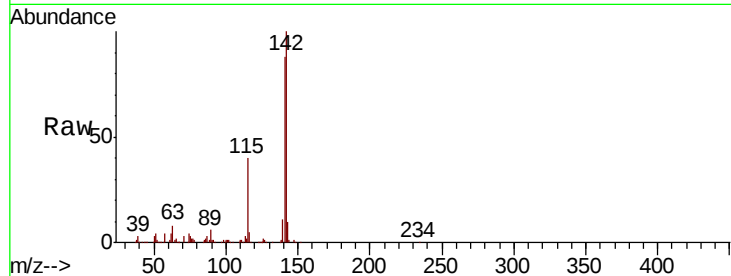




#37
 2-Methylnaphthalene
 Concen: 44.045 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

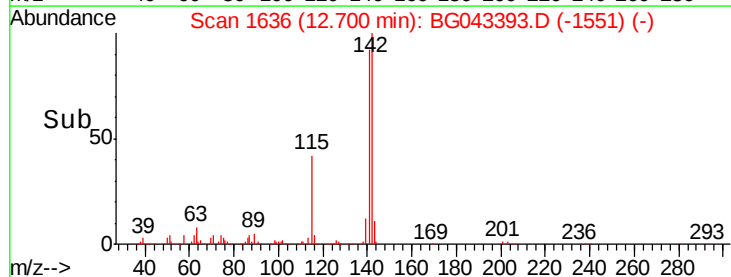
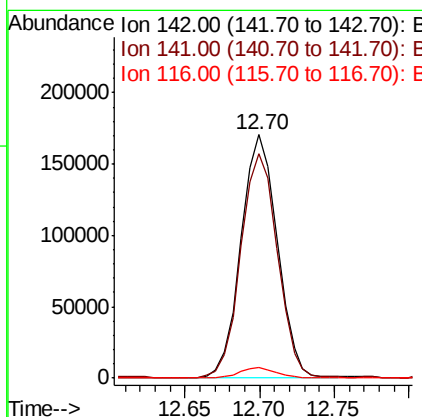
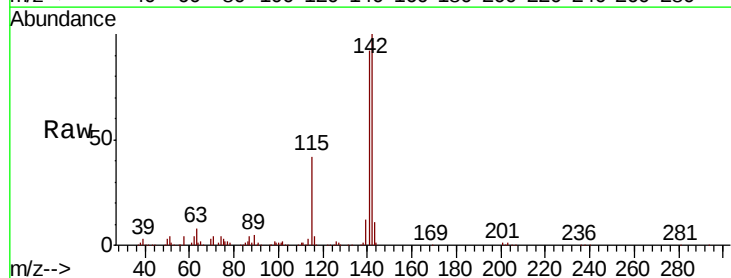
Instrument :
 BNA_G
 ClientSampleId :

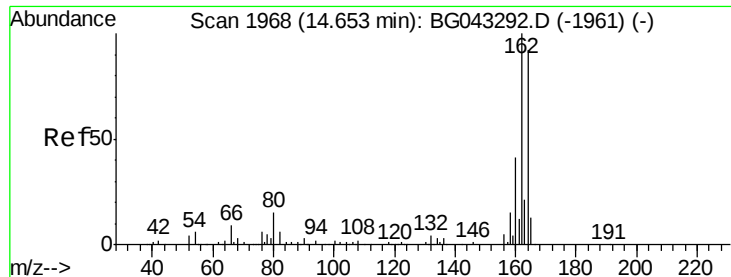
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.7	104.5
115	40.4	30.6	46.0



#38
 1-Methylnaphthalene
 Concen: 43.531 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.3	108.5
116	4.3	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: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampleId :

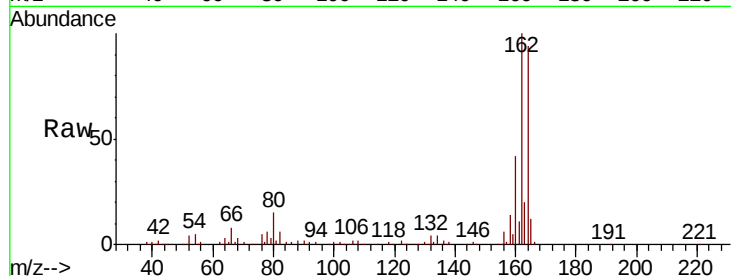
Tot Ion:164 Resp: 124482

Ion Ratio Lower Upper

164 100

162 106.3 87.0 130.4

160 44.9 35.5 53.3

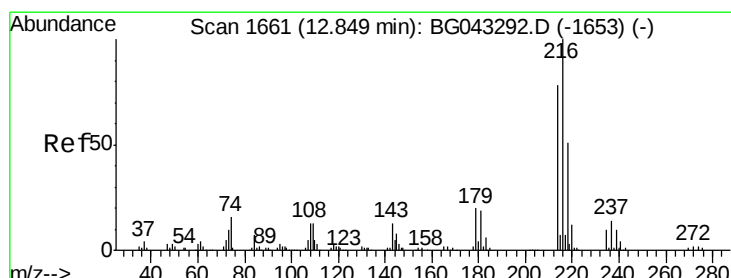
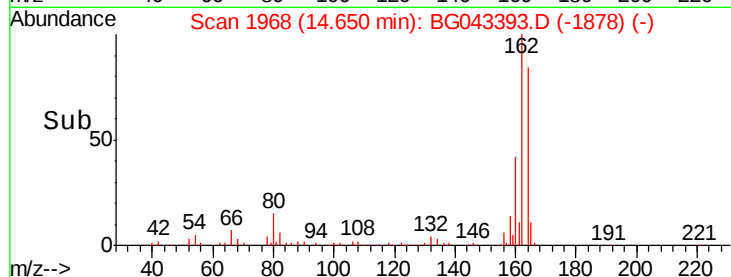
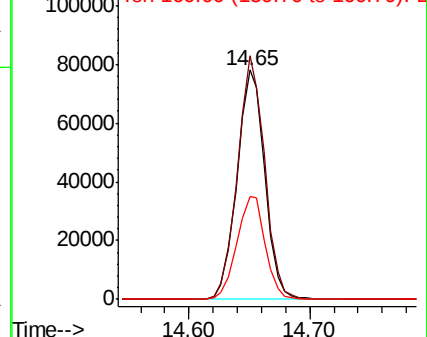


Abundance

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: 43.105 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Tgt Ion:216 Resp: 198582

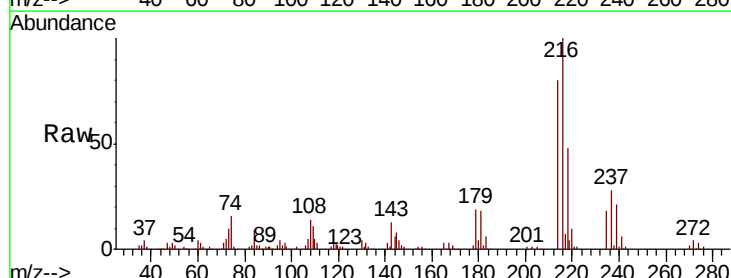
Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 19.8 16.2 24.2

108 15.5 11.2 16.8



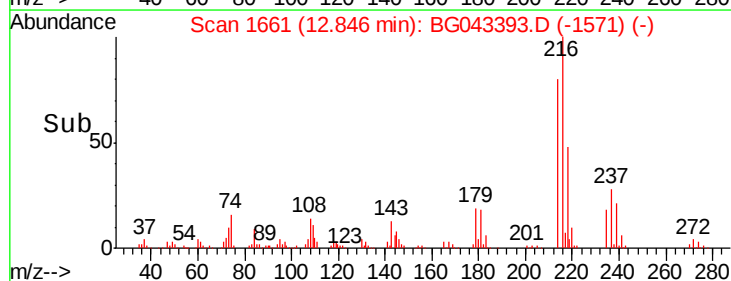
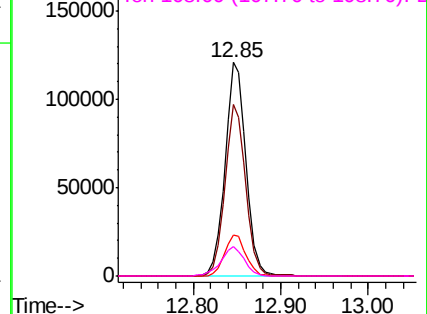
Abundance

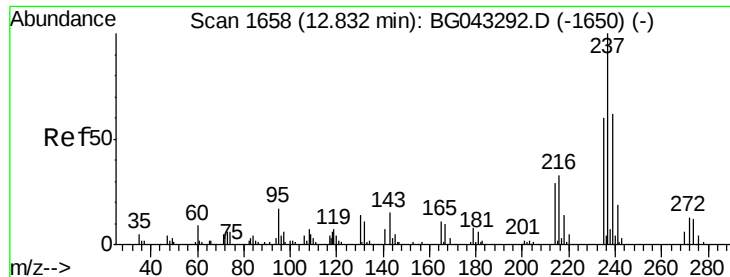
Ion 216.00 (215.70 to 216.70): E

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

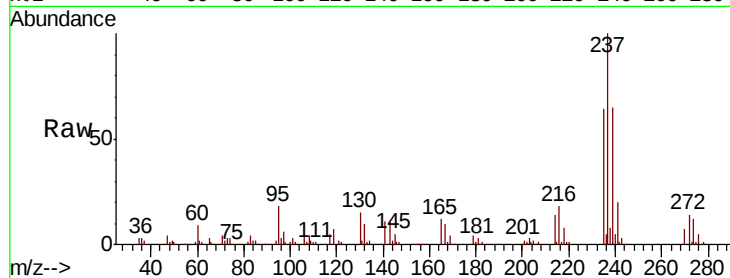




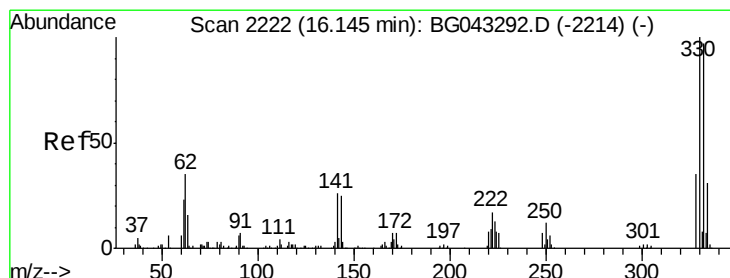
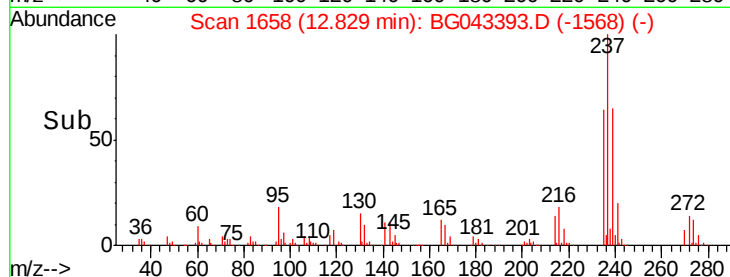
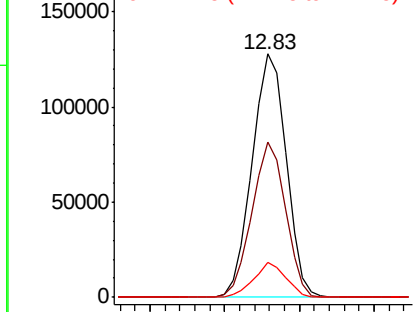
#41
Hexachlorocyclopentadiene
Concen: 83.213 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.7	40.3	80.3
272	14.1	0.0	32.9

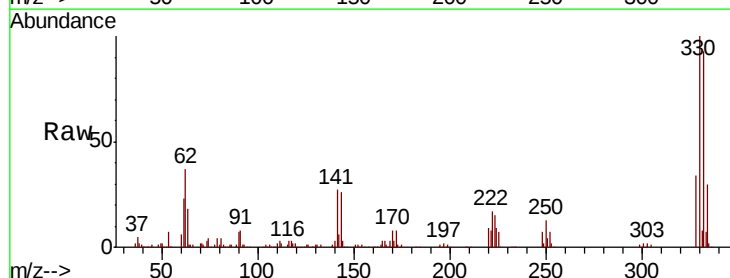


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

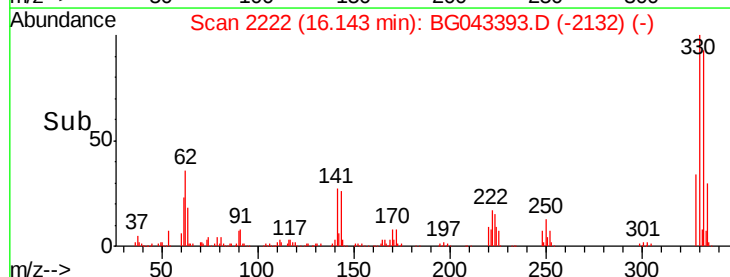
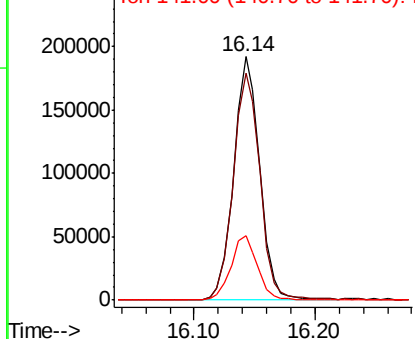


#42
2,4,6-Tribromophenol
Concen: 121.545 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.4	114.6
141	27.0	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

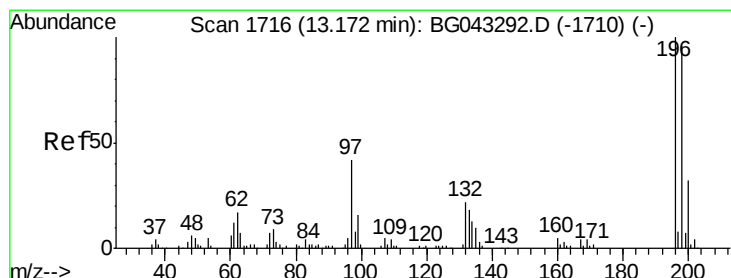
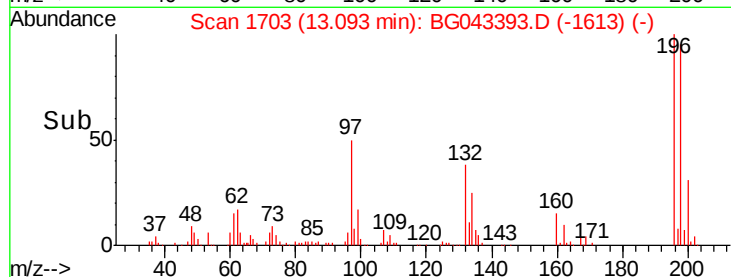
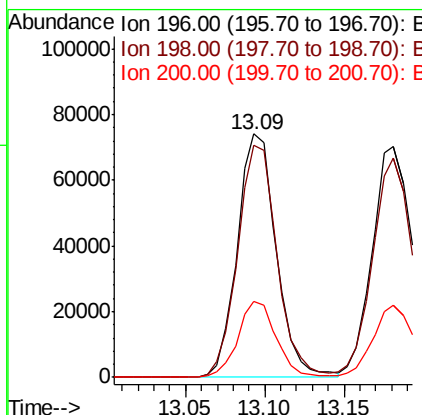
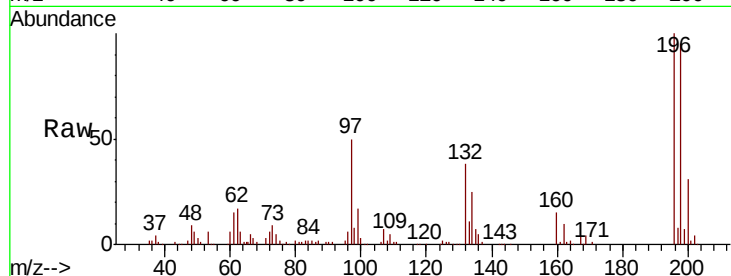




#43
 2,4,6-Trichlorophenol
 Concen: 46.604 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

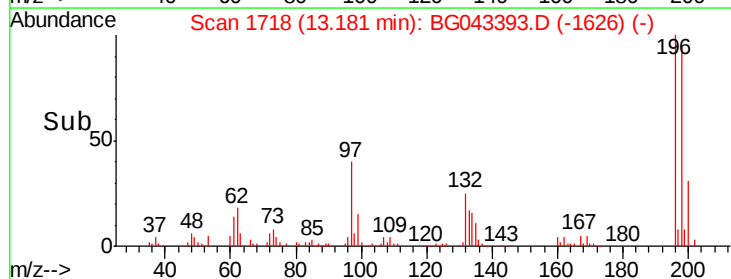
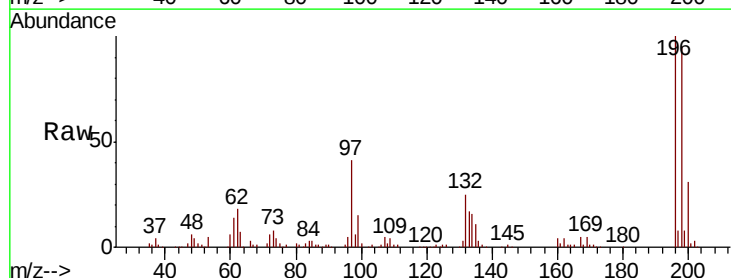
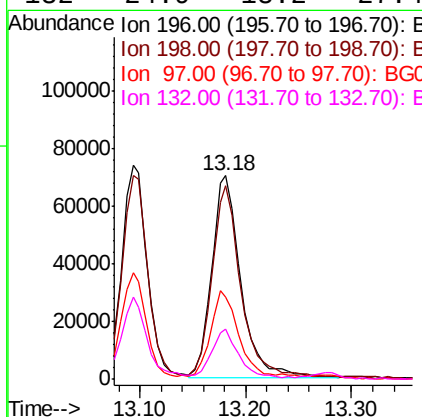
Instrument :
 BNA_G
 ClientSampled :

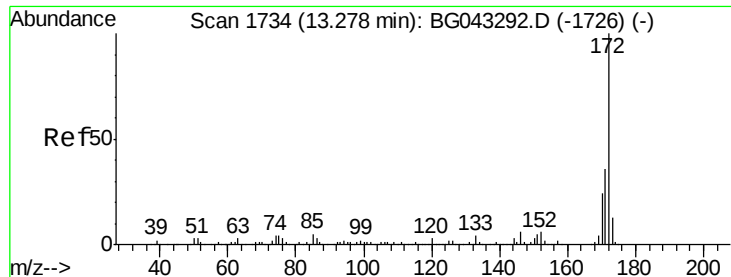
Tot Ion:196 Resp: 126439
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.0 115.4
 200 31.4 27.4 41.2



#44
 2,4,5-Trichlorophenol
 Concen: 49.306 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

Tgt Ion:196 Resp: 135237
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.6 114.8
 97 40.7 34.1 51.1
 132 24.9 18.2 27.4

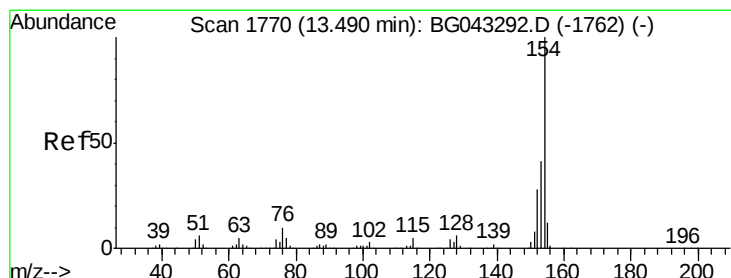
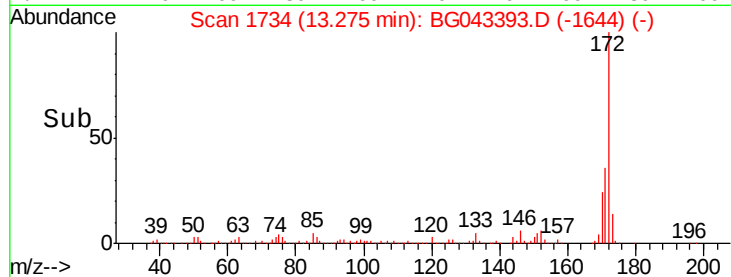
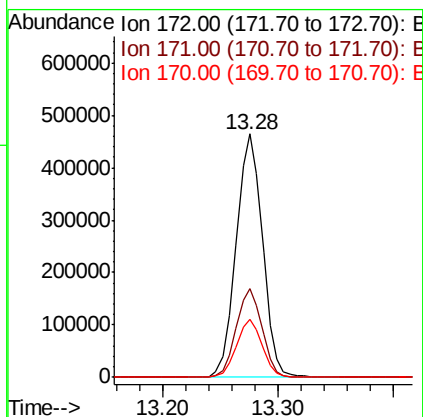
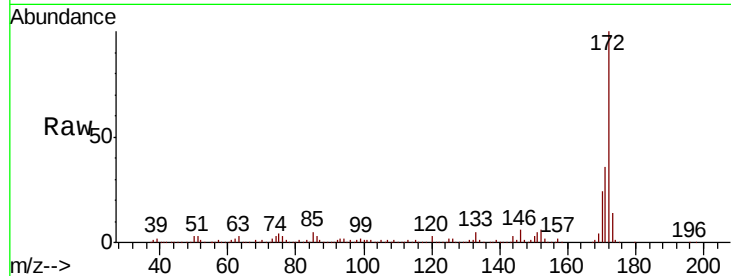




#45
2-Fluorobiphenyl
Concen: 81.158 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

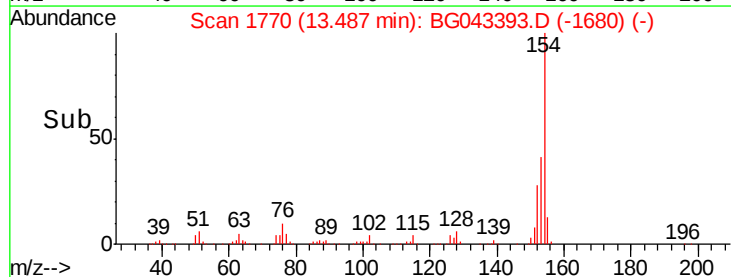
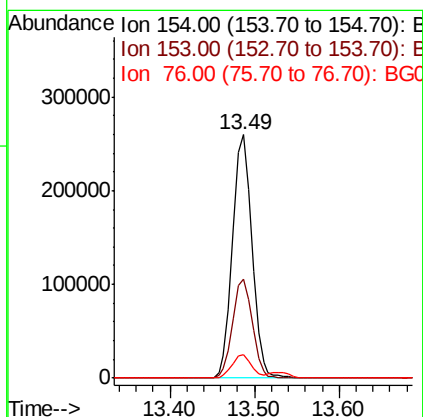
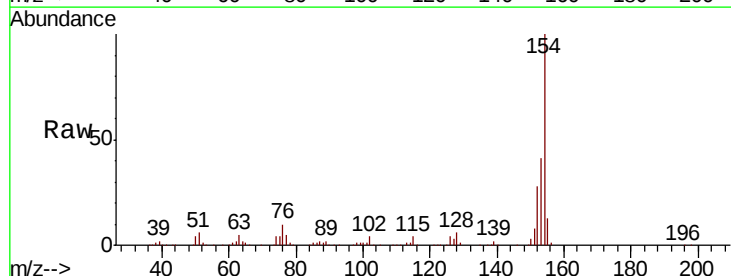
Instrument :
BNA_G
ClientSampleId :

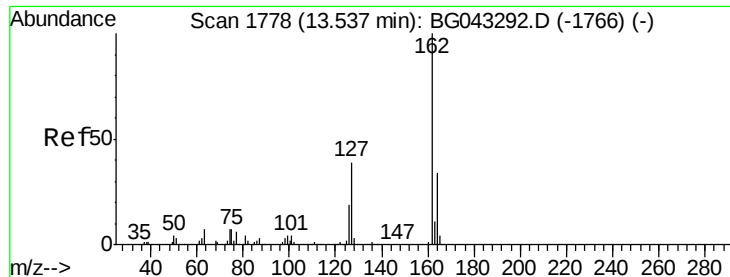
Tot Ion:172 Resp: 731125
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 23.8 18.8 28.2



#46
1,1'-Biphenyl
Concen: 43.314 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion:154 Resp: 410175
Ion Ratio Lower Upper
154 100
153 40.8 21.0 61.0
76 9.7 0.0 29.8

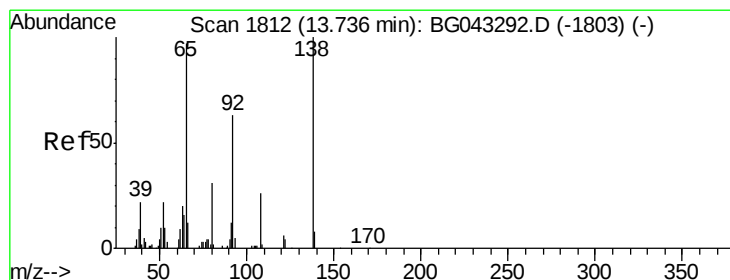
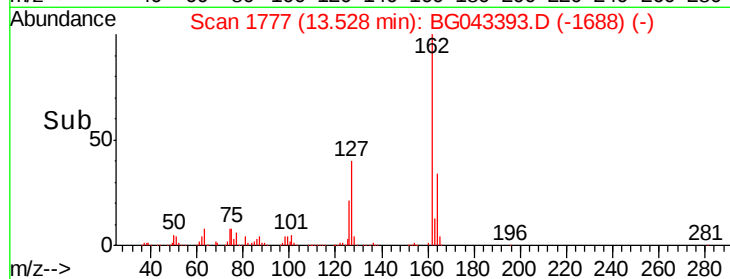
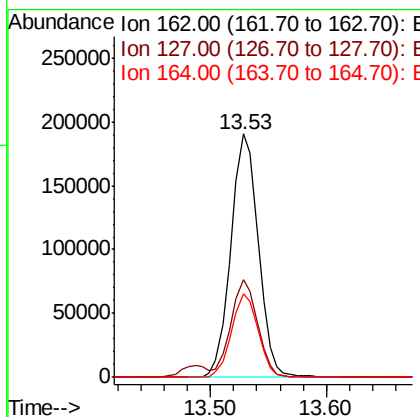
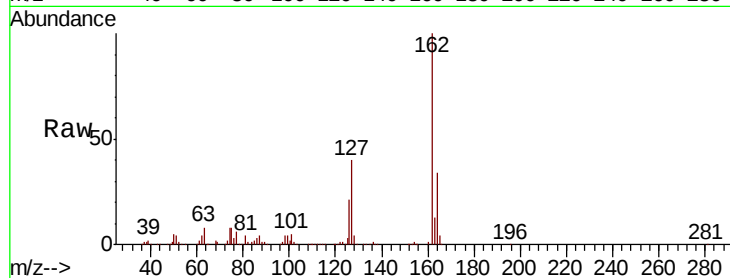




#47
2-Chloronaphthalene
Concen: 43.651 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

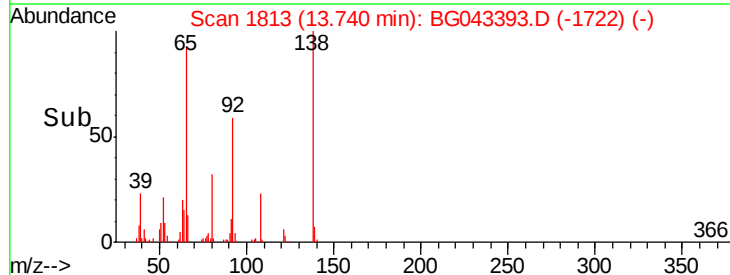
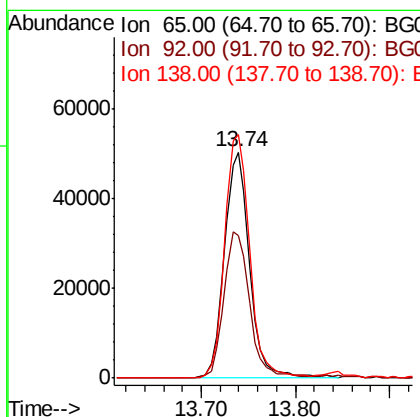
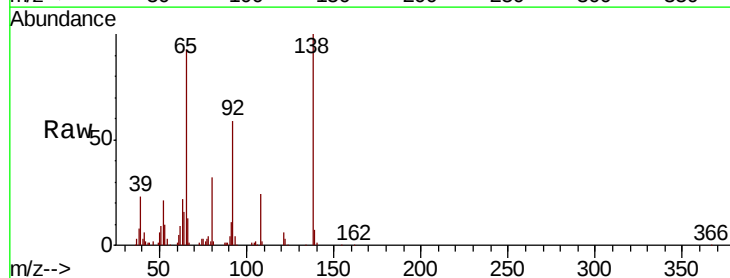
Instrument :
BNA_G
ClientSampled :

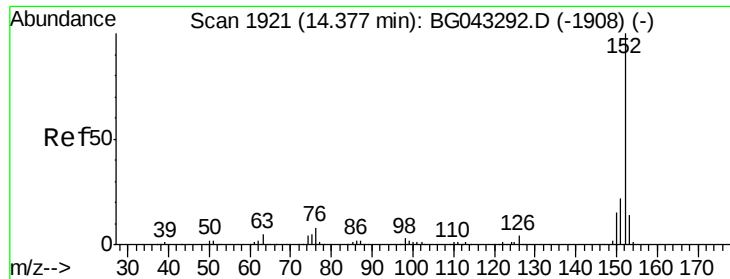
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	31.3	46.9
164	34.2	26.8	40.2



#48
2-Nitroaniline
Concen: 43.728 ng
RT: 13.74 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.0	52.6	79.0
138	107.8	82.9	124.3





#49

Acenaphthylene

Concen: 45.504 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampleId :

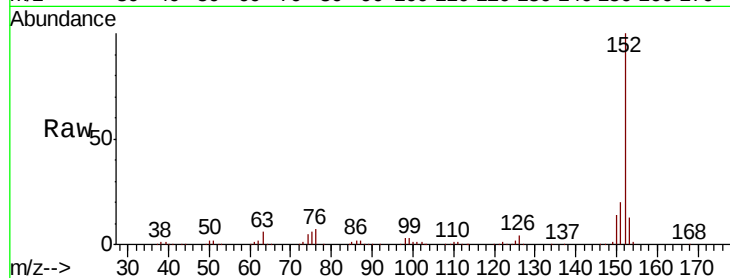
Tot Ion:152 Resp: 510285

Ion Ratio Lower Upper

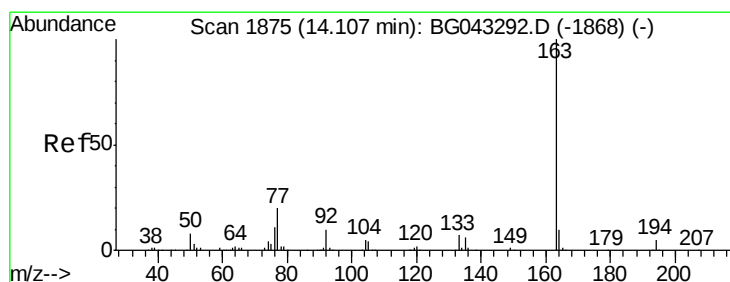
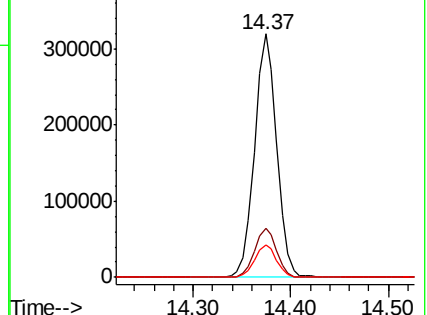
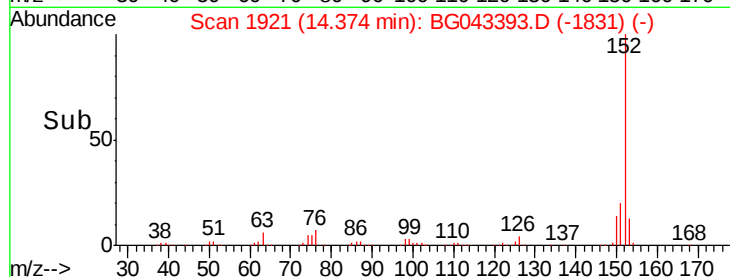
152 100

151 20.3 17.2 25.8

153 13.3 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: 43.349 ng

RT: 14.11 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

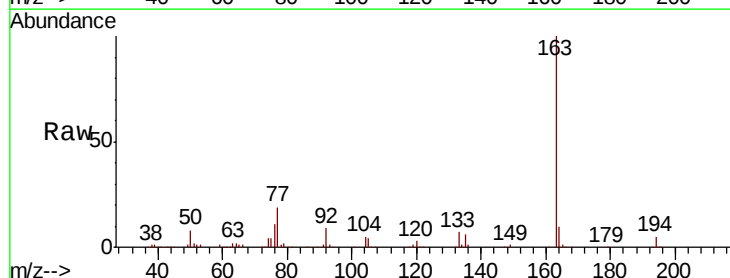
Tgt Ion:163 Resp: 417967

Ion Ratio Lower Upper

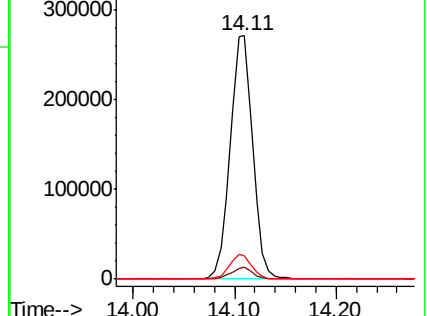
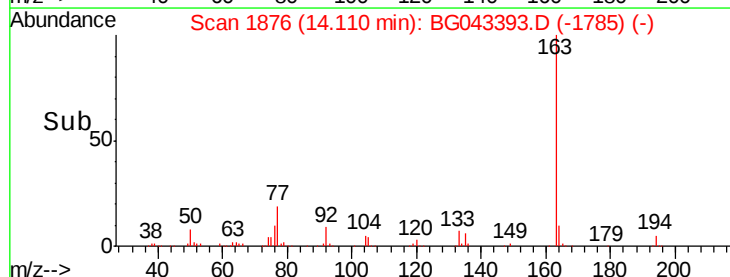
163 100

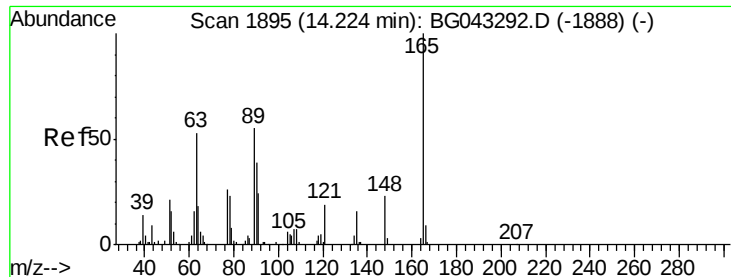
194 5.0 3.7 5.5

164 9.7 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

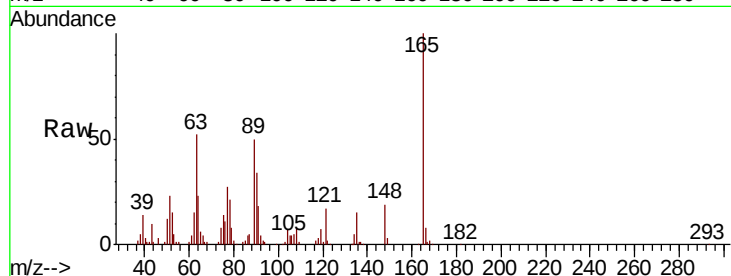




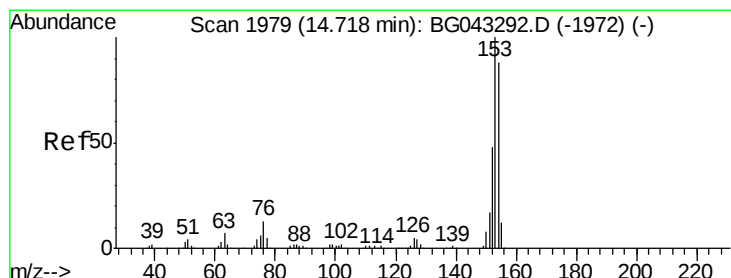
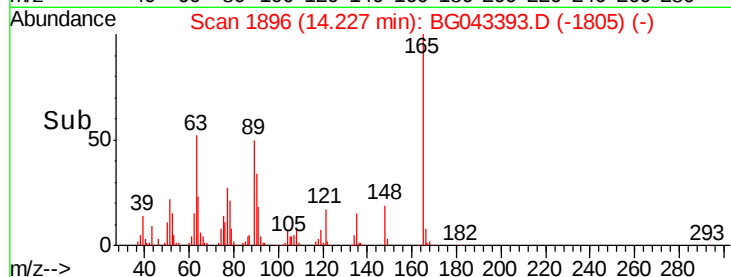
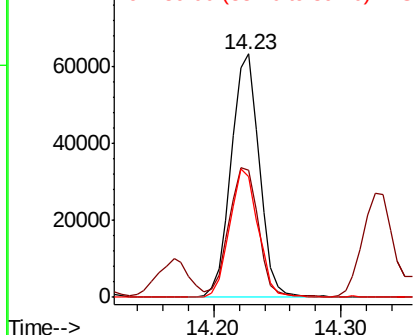
#51
 2,6-Dinitrotoluene
 Concen: 46.219 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 96816
 Ion Ratio Lower Upper
 165 100
 63 52.1 47.1 70.7
 89 49.6 43.7 65.5

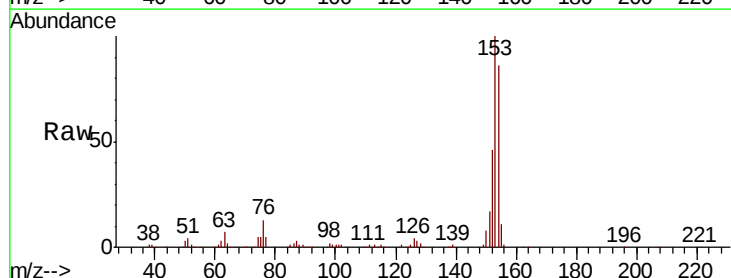


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

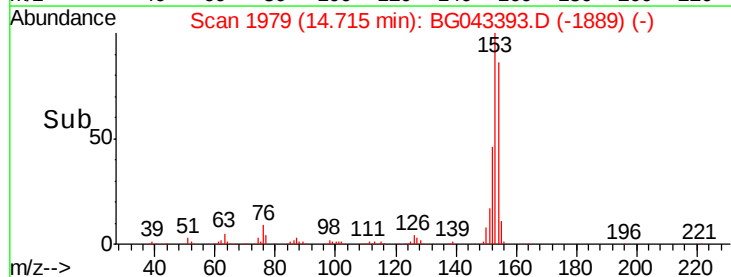
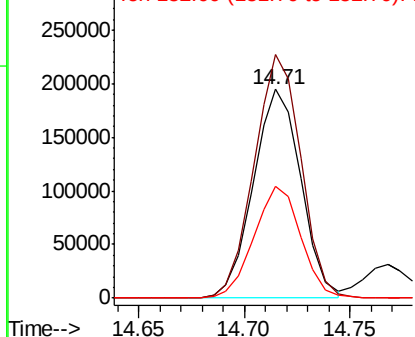


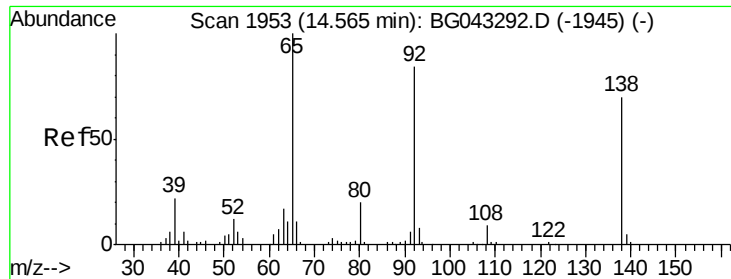
#52
 Acenaphthene
 Concen: 44.485 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

Tgt Ion:154 Resp: 304223
 Ion Ratio Lower Upper
 154 100
 153 116.6 90.9 136.3
 152 53.5 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: 12.255 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampleId :

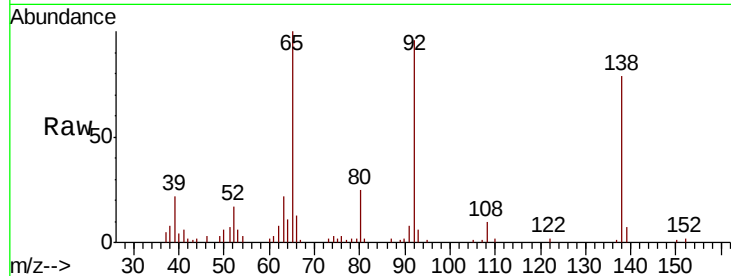
Tot Ion:138 Resp: 24785

Ion Ratio Lower Upper

138 100

108 12.9 9.8 14.6

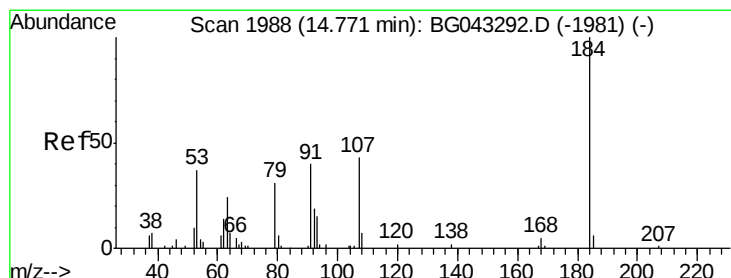
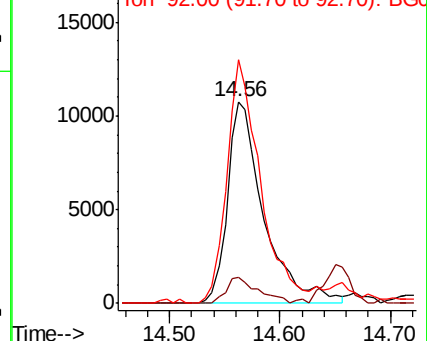
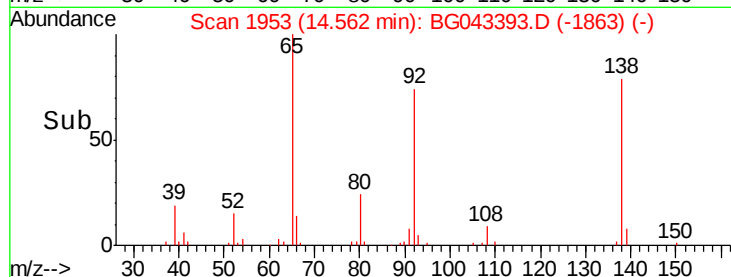
92 120.6 95.8 143.6



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: 66.340 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

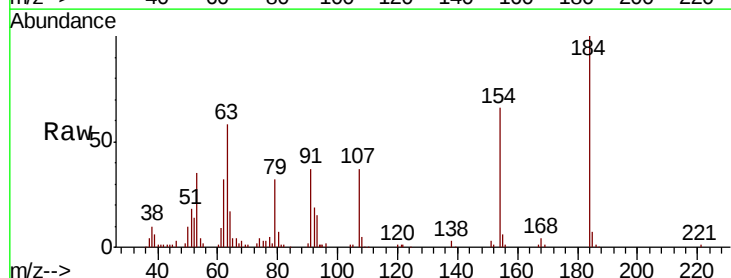
Tgt Ion:184 Resp: 84986

Ion Ratio Lower Upper

184 100

63 58.5 48.8 73.2

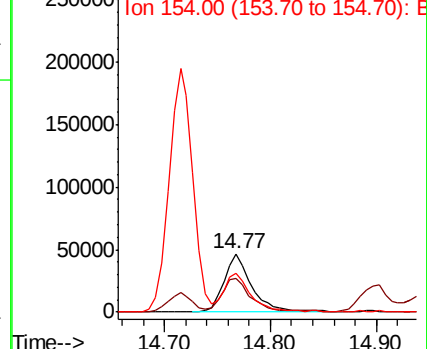
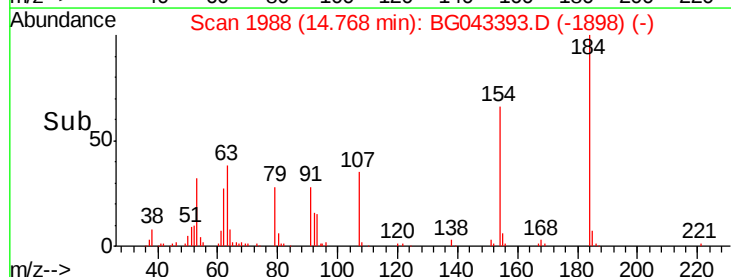
154 66.0 49.4 74.0

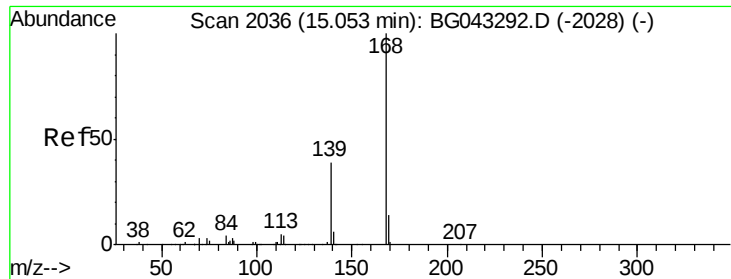


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

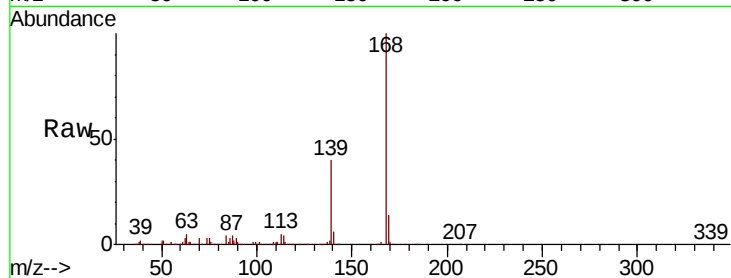




#55
Dibenzenofuran
Concen: 44.604 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	31.7	47.5
169	13.7	11.0	16.4

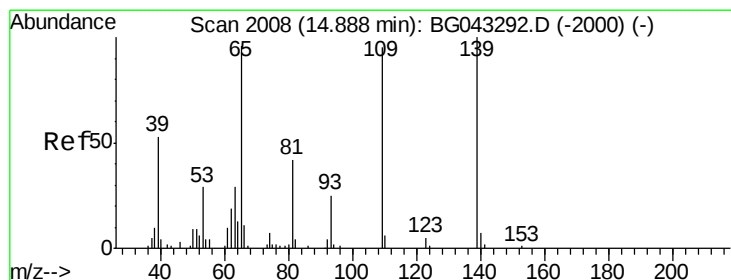
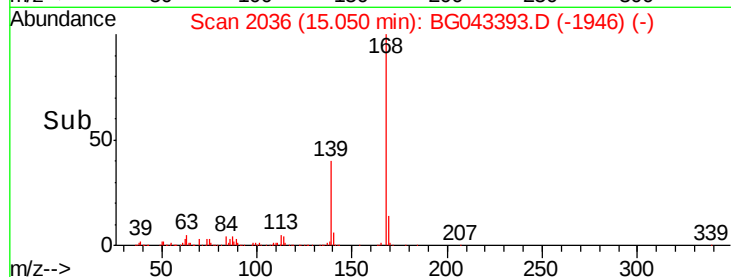
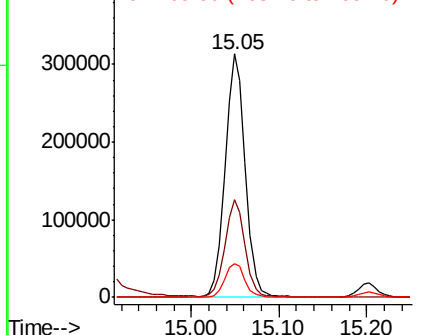


Abundance

Ion 168.00 (167.70 to 168.70): E

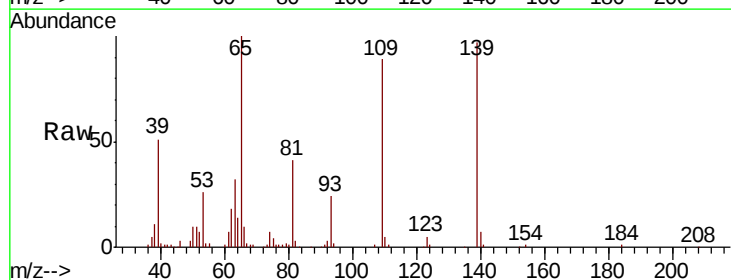
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 99.017 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.8	75.4	115.4
65	102.8	76.6	116.6

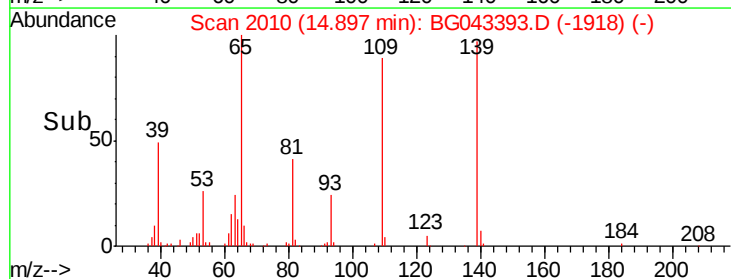
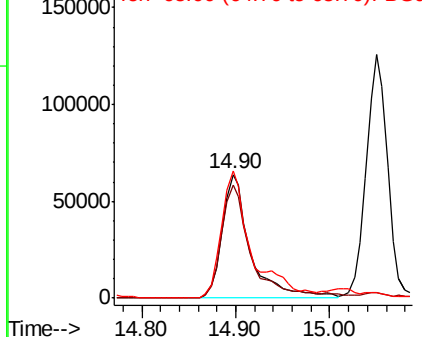


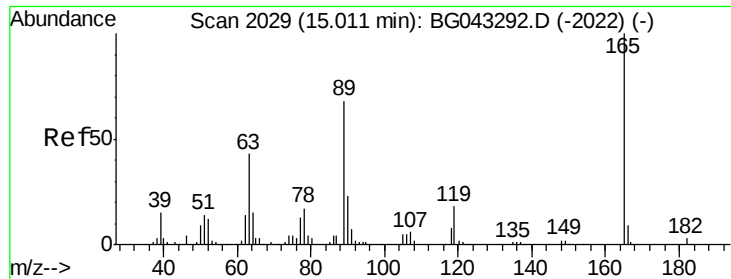
Abundance

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

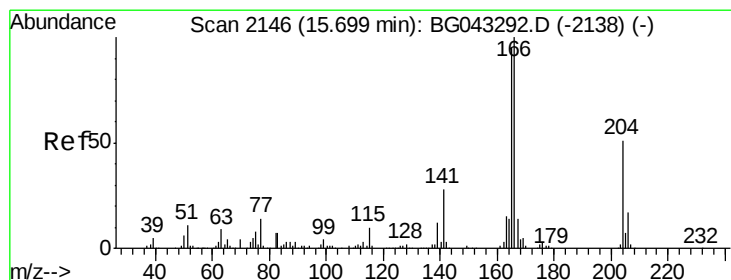
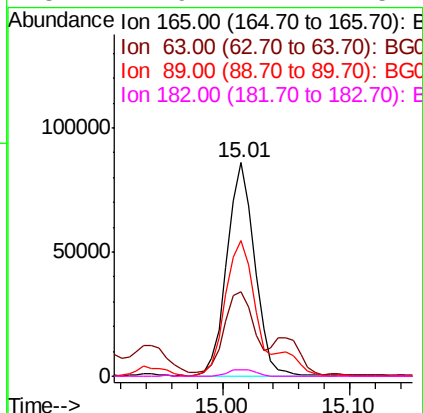
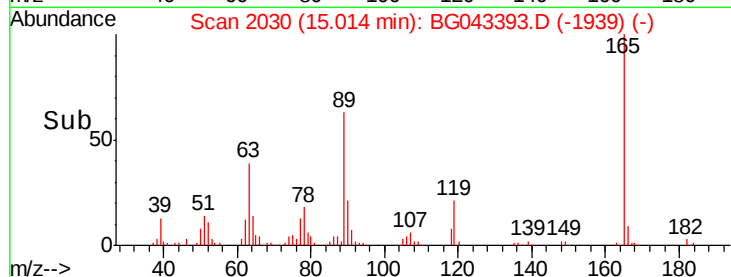
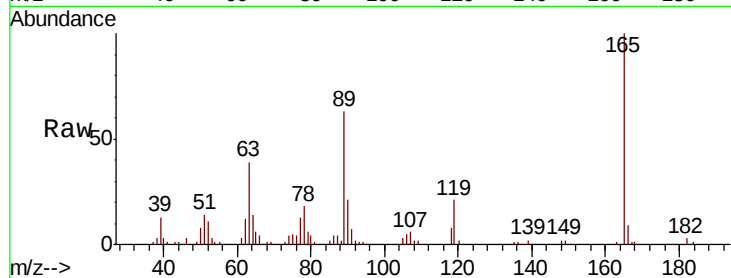




#57
2,4-Dinitrotoluene
Concen: 43.299 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

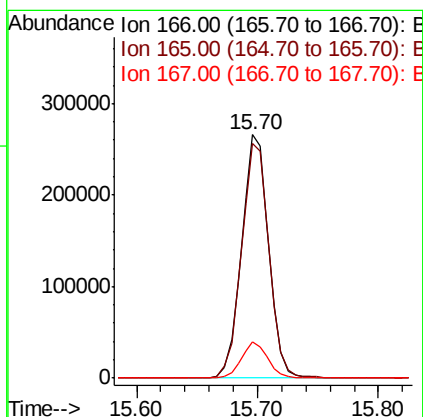
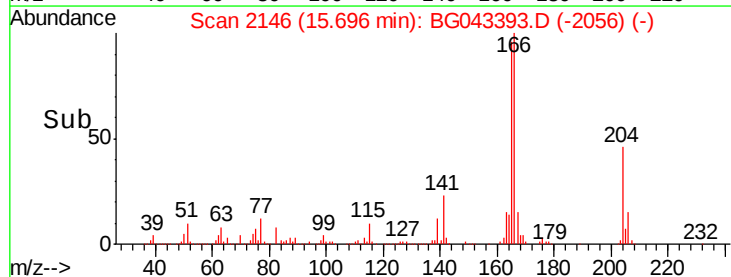
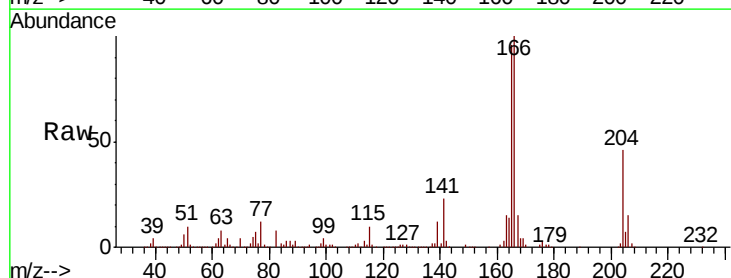
Instrument :
BNA_G
ClientSampled :

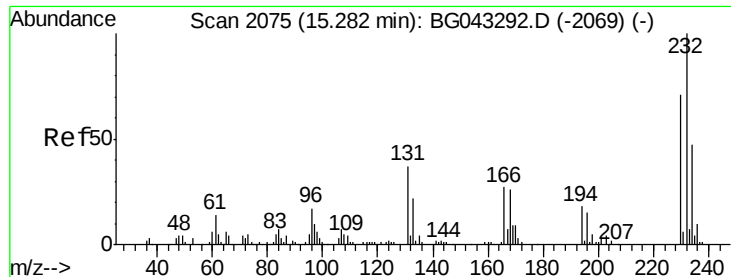
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.5	35.0	52.6
89	63.3	54.1	81.1
182	2.9	2.2	3.2



#58
Fluorene
Concen: 44.404 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.3	76.4	114.6
167	14.8	11.1	16.7

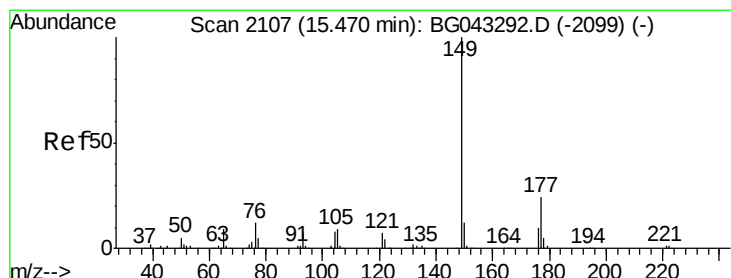
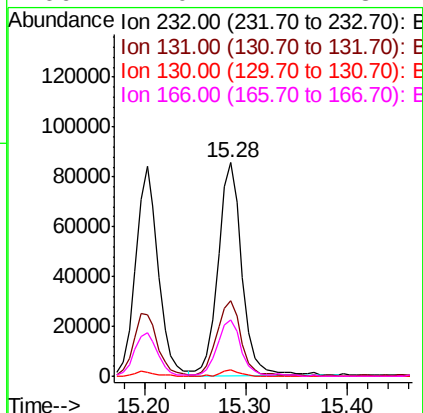
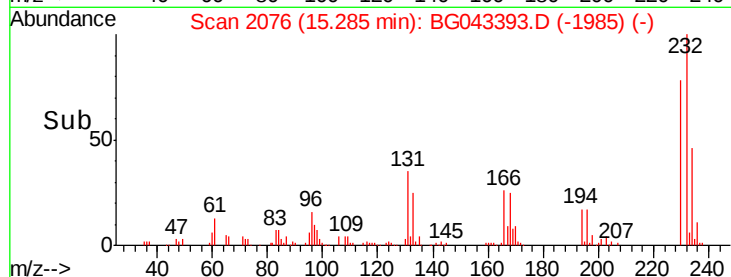
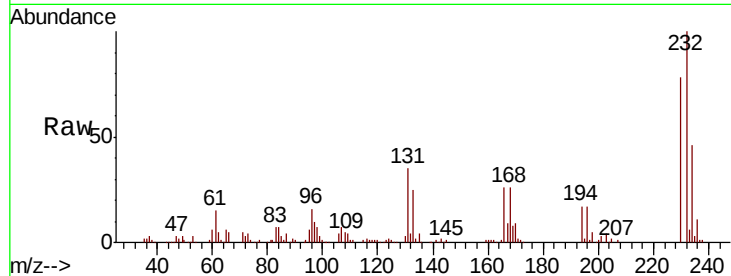




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.732 ng
 RT: 15.28 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

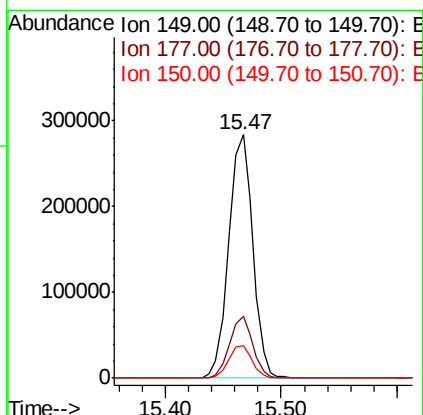
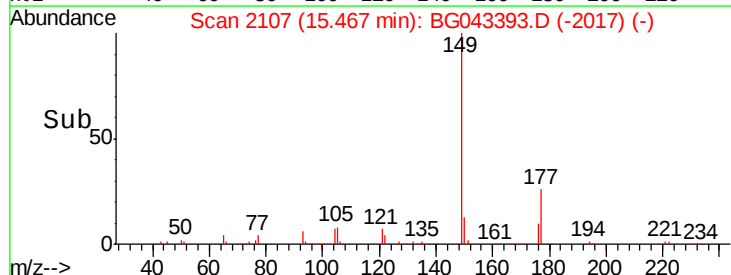
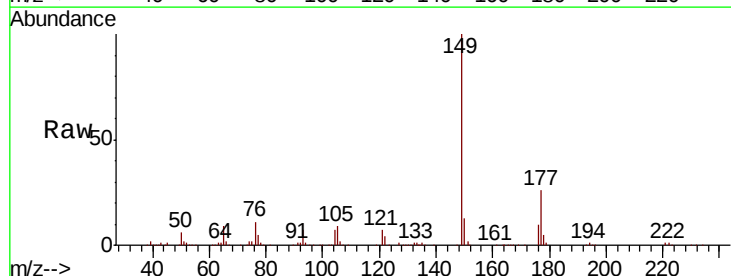
Instrument :
 BNA_G
 ClientSampleId :

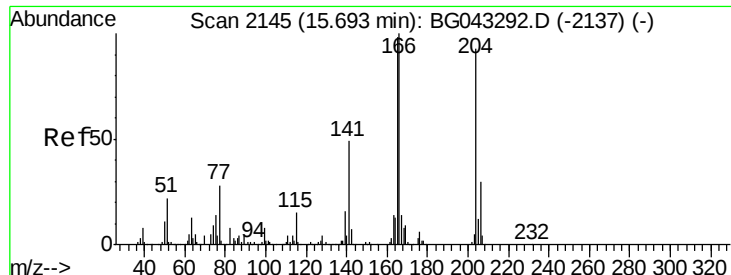
Tot Ion	Ratio	Lower	Upper
232	100		
131	35.9	28.7	43.1
130	2.5	0.6	0.8
166	27.0	21.1	31.7



#60
 Diethylphthalate
 Concen: 42.154 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.6	19.0	28.4
150	13.5	9.4	14.0

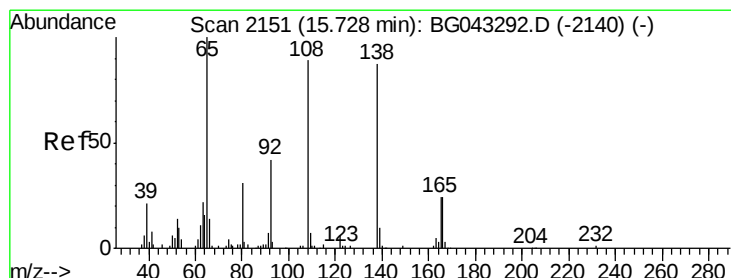
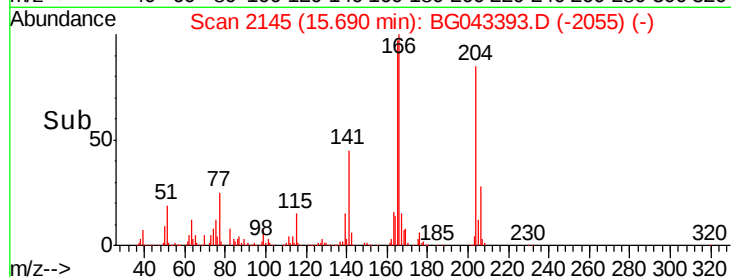
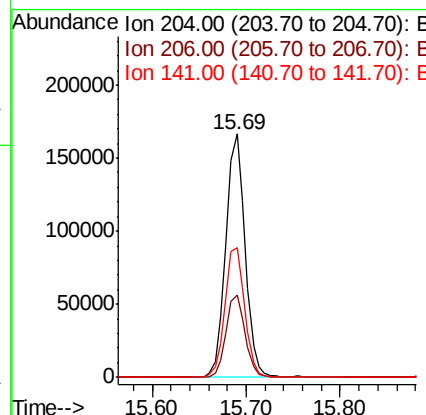
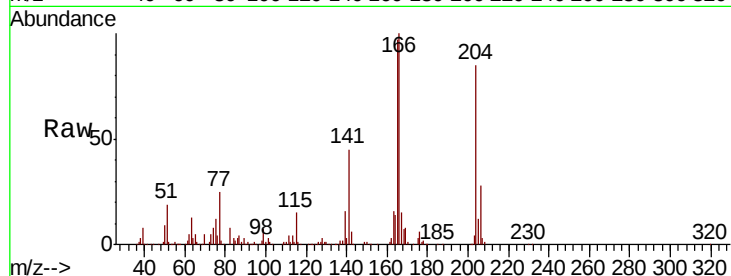




#61
4-Chlorophenyl-phenylether
Concen: 44.283 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

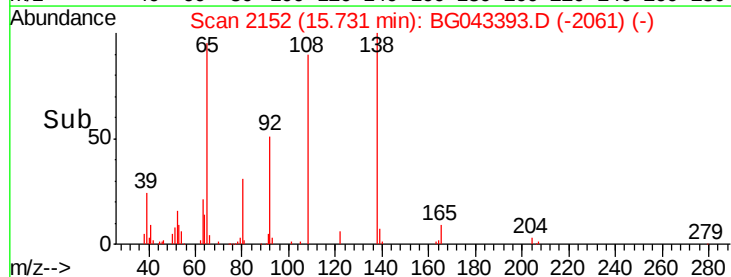
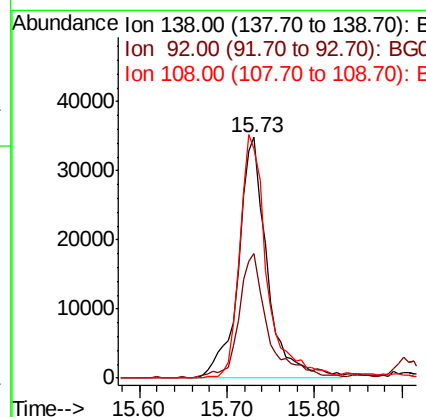
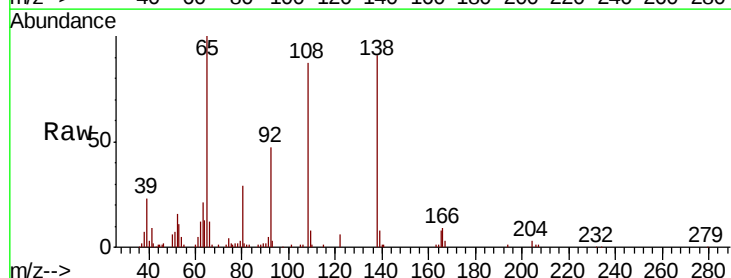
Instrument :
BNA_G
ClientSampleId :

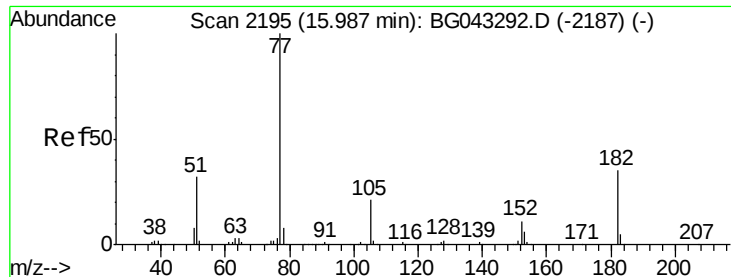
Tot Ion:204 Resp: 240291
Ion Ratio Lower Upper
204 100
206 33.6 25.7 38.5
141 53.4 42.3 63.5



#62
4-Nitroaniline
Concen: 37.162 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion:138 Resp: 77617
Ion Ratio Lower Upper
138 100
92 51.5 28.8 68.8
108 95.5 82.7 122.7

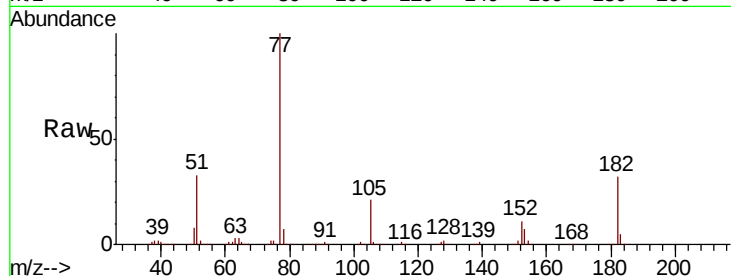




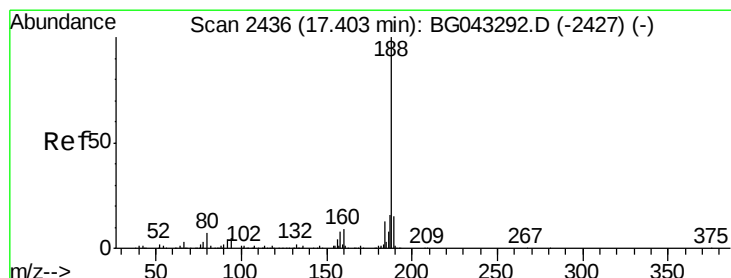
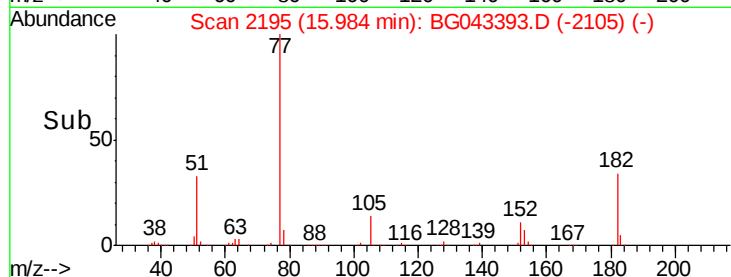
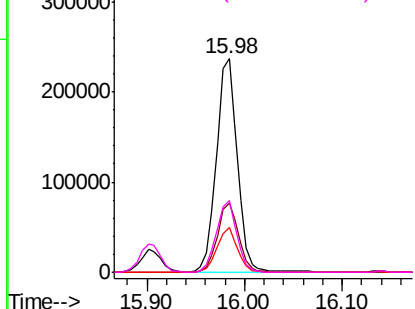
#63
Azobenzene
Concen: 44.613 ng
RT: 15.98 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	349804
Ion	Ratio	Lower	Upper
77	100		
182	32.3	14.9	54.9
105	20.9	0.6	40.6
51	33.4	12.5	52.5

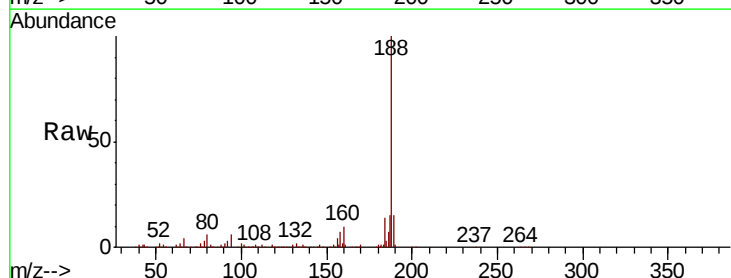


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

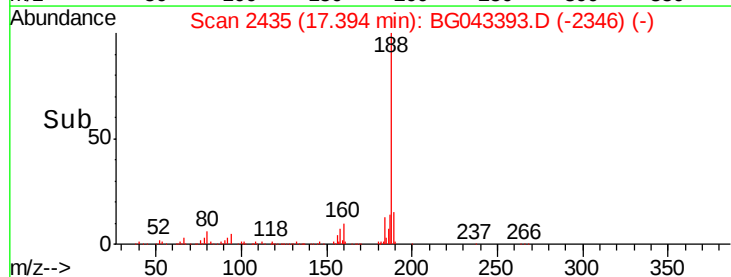
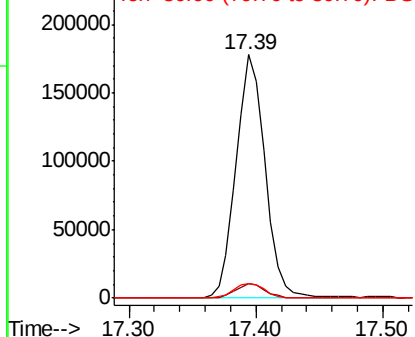


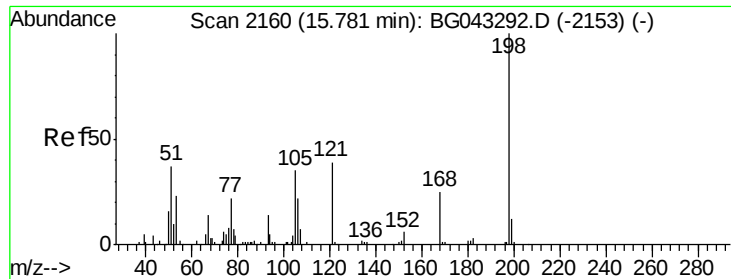
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion:	188	Resp:	282565
Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.2	6.2
80	5.8	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

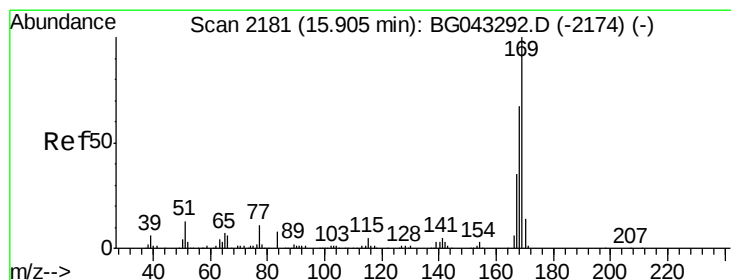
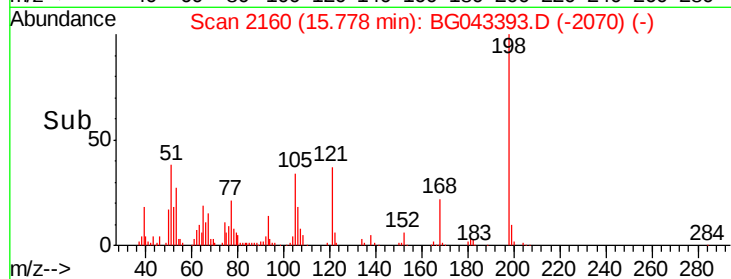
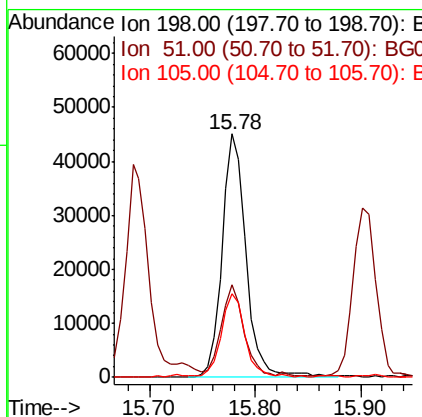
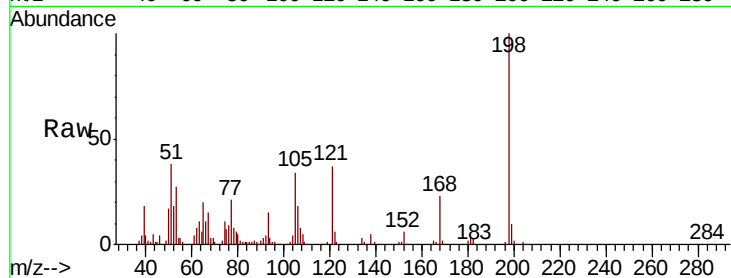




#65
4,6-Dinitro-2-methylphenol
Concen: 42.731 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

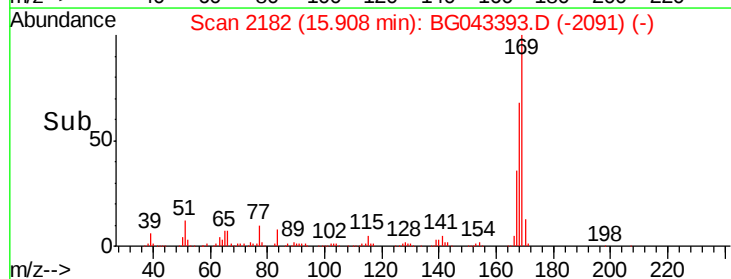
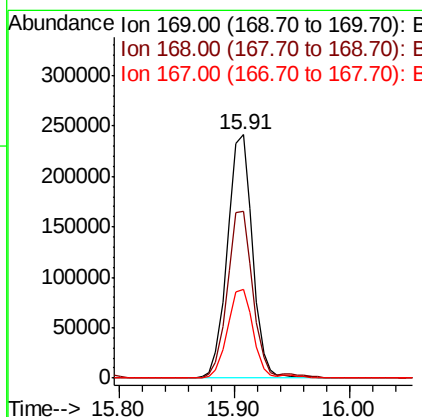
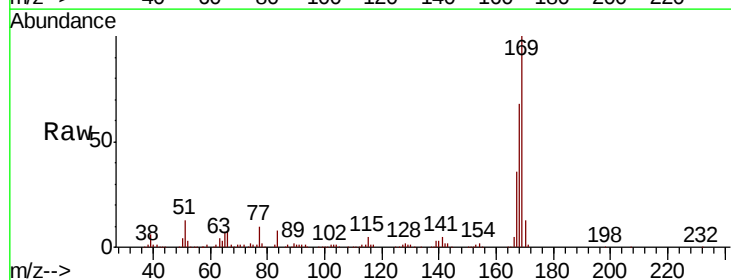
Instrument :
BNA_G
ClientSampleId :

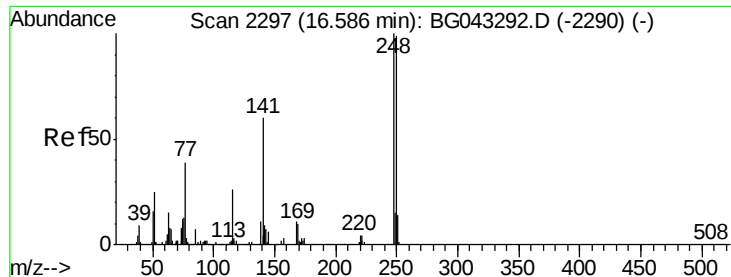
Tot Ion	Ratio	Lower	Upper
198	100		
51	38.1	21.4	61.4
105	34.3	16.5	56.5



#66
n-Nitrosodiphenylamine
Concen: 45.565 ng
RT: 15.91 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.3	53.9	80.9
167	36.2	28.3	42.5

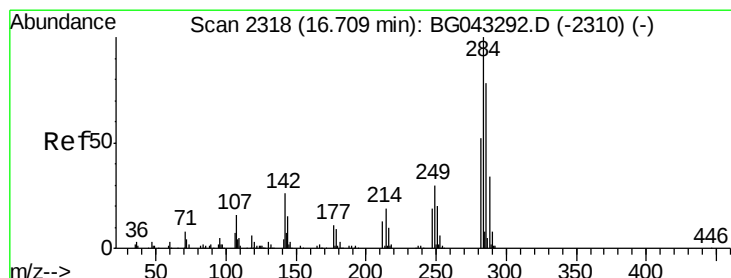
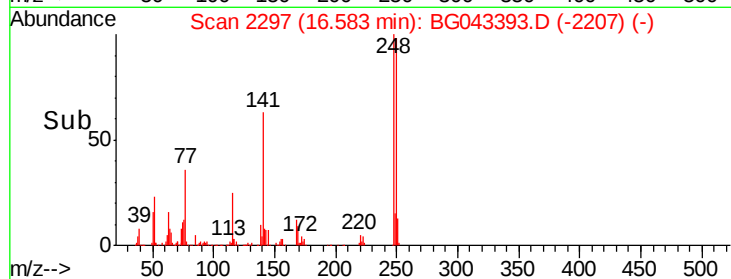
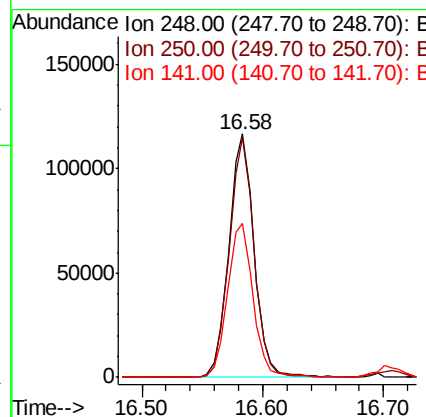
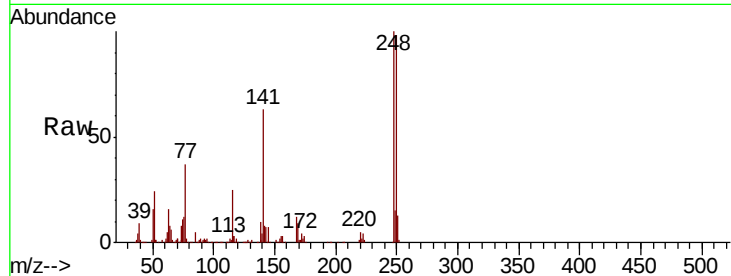




#67
4-Bromophenyl-phenylether
Concen: 44.127 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

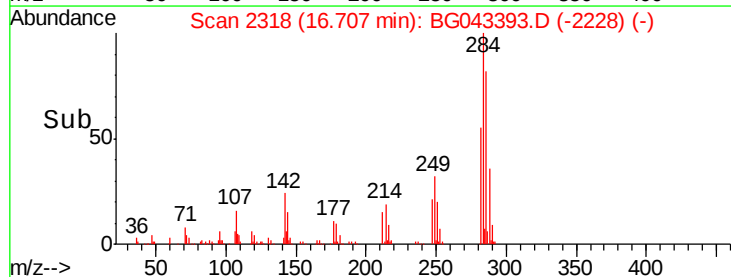
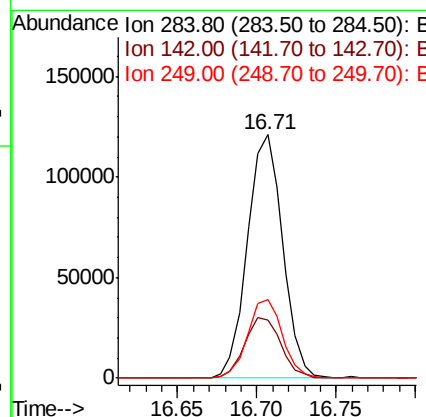
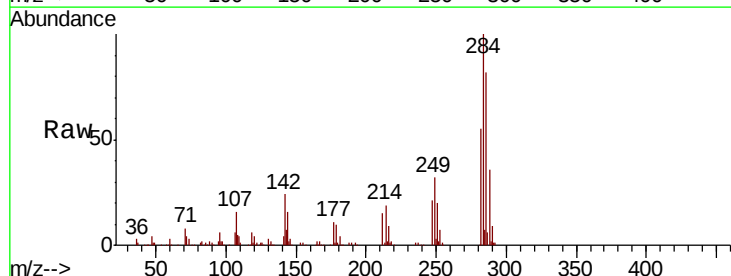
Instrument :
BNA_G
ClientSampleId :

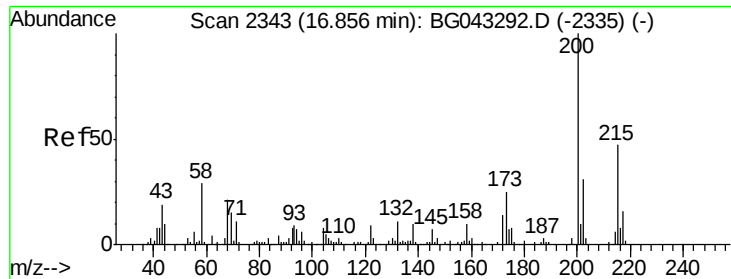
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	79.3	118.9
141	63.1	47.9	71.9



#68
Hexachlorobenzene
Concen: 42.942 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.0	21.1	31.7
249	32.3	24.4	36.6





#69

Atrazine

Concen: 56.358 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampled :

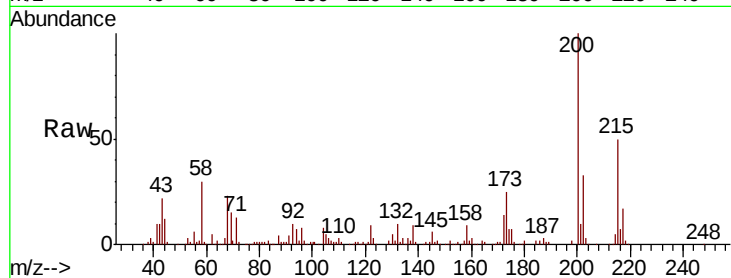
Tot Ion:200 Resp: 156225

Ion Ratio Lower Upper

200 100

173 25.0 5.1 45.1

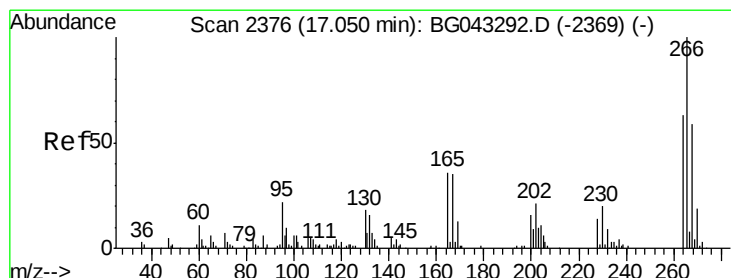
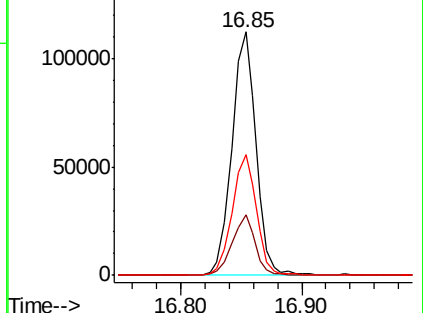
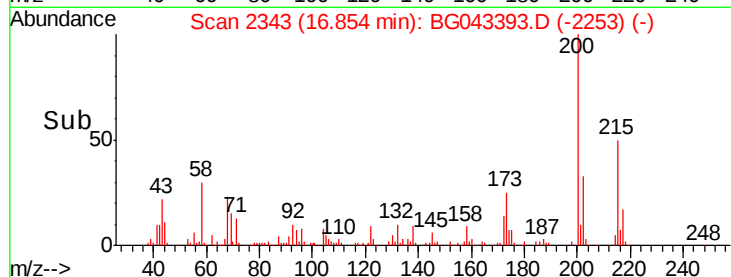
215 49.7 26.6 66.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 108.219 ng

RT: 17.05 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

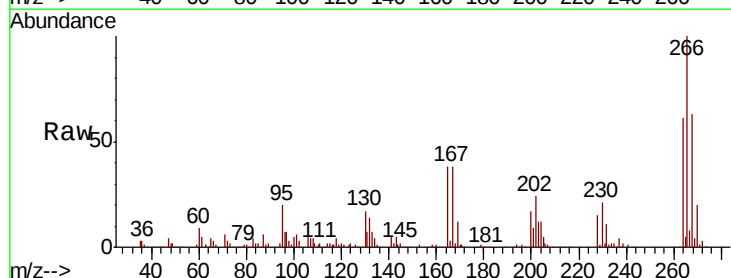
Tgt Ion:266 Resp: 215244

Ion Ratio Lower Upper

266 100

268 63.1 47.1 70.7

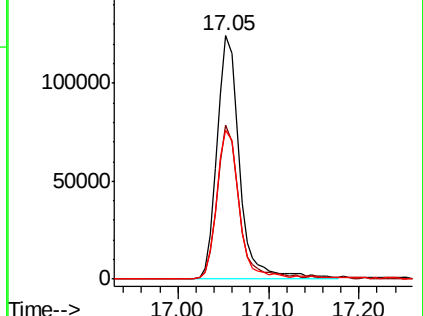
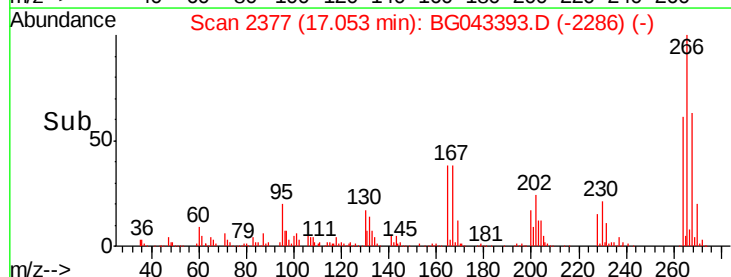
264 61.2 50.4 75.6



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.713 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampleId :

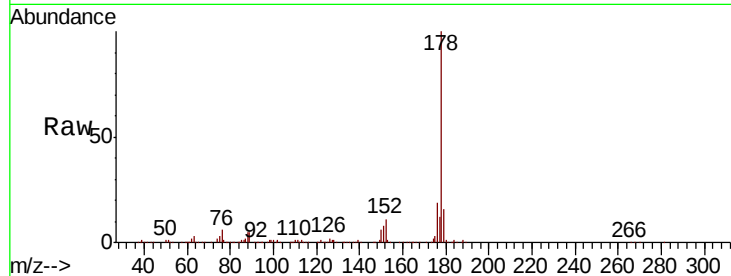
Tot Ion:178 Resp: 646971

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

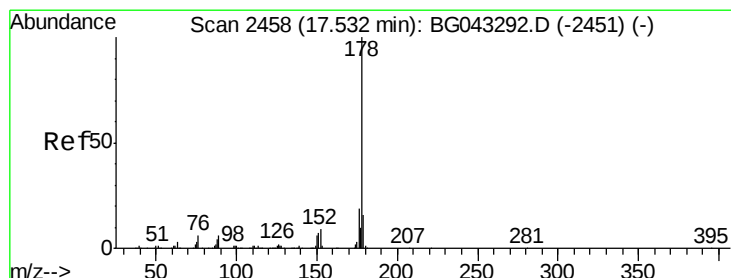
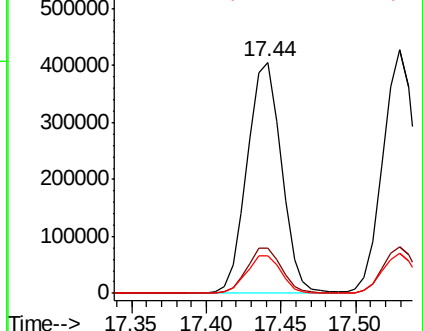
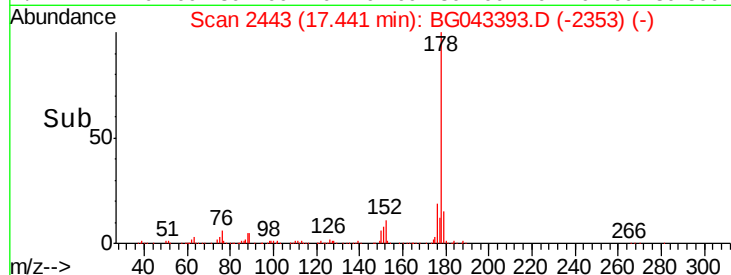
179 16.2 13.1 19.7



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: 46.672 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

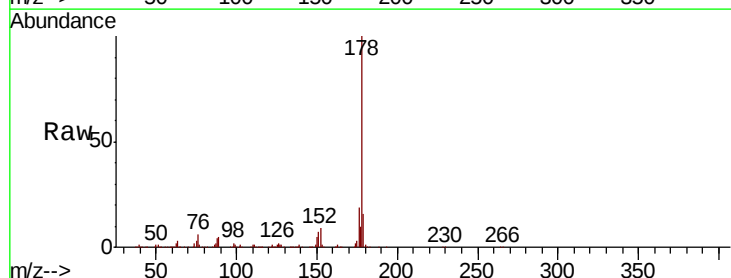
Tgt Ion:178 Resp: 675666

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

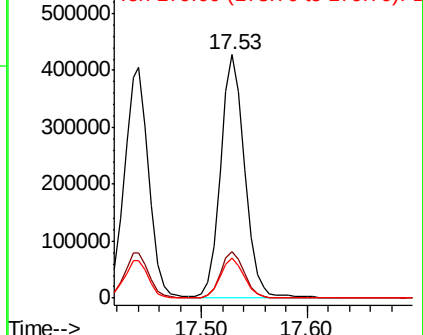
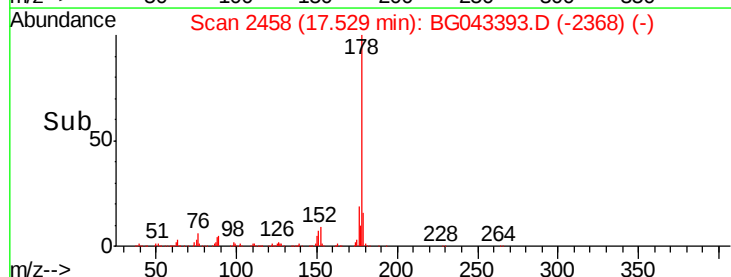
179 16.5 13.0 19.6

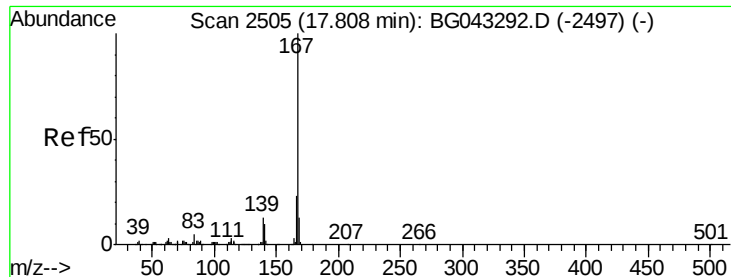


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

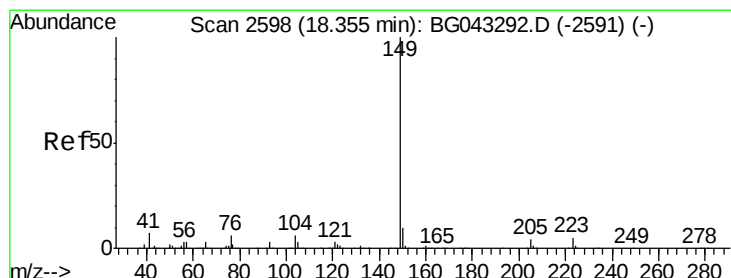
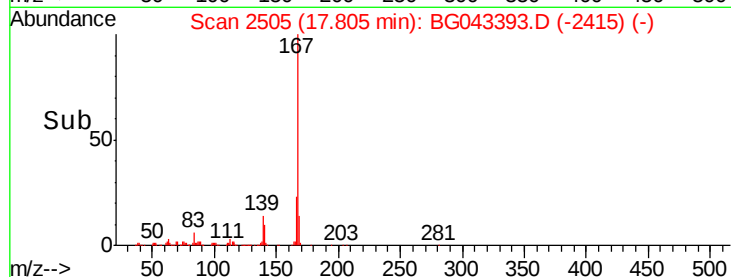
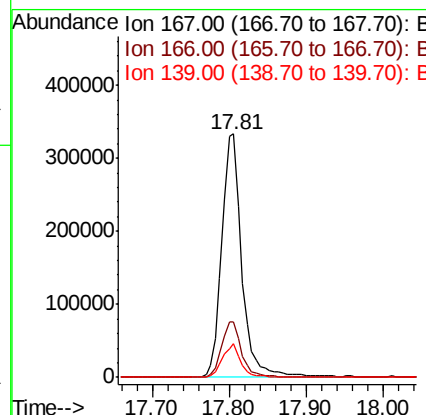
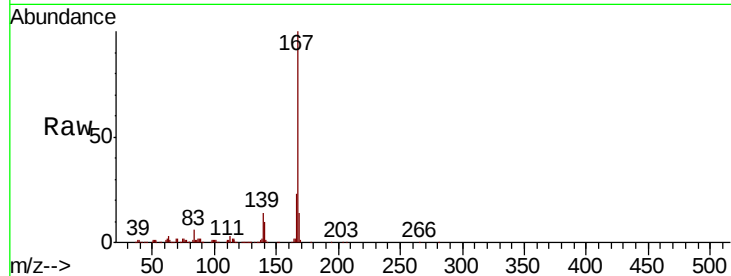




#73
 Carbazole
 Concen: 45.657 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

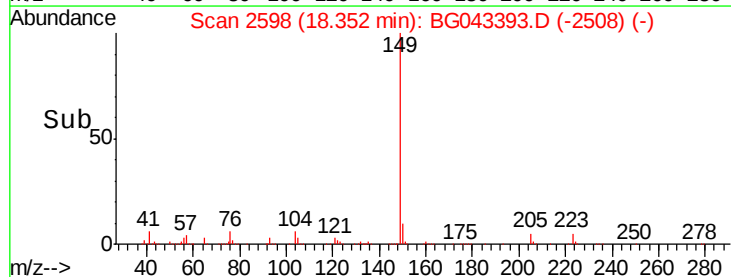
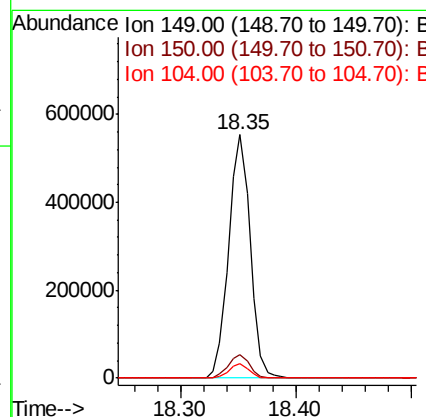
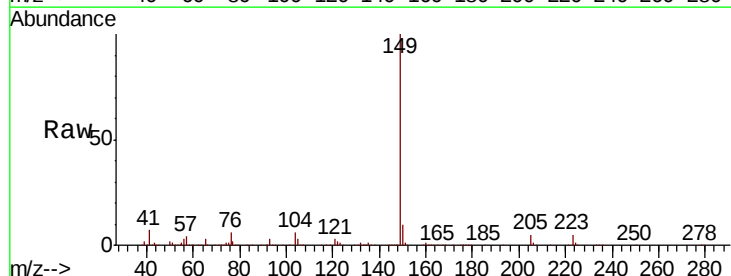
Instrument :
 BNA_G
 ClientSampleId :

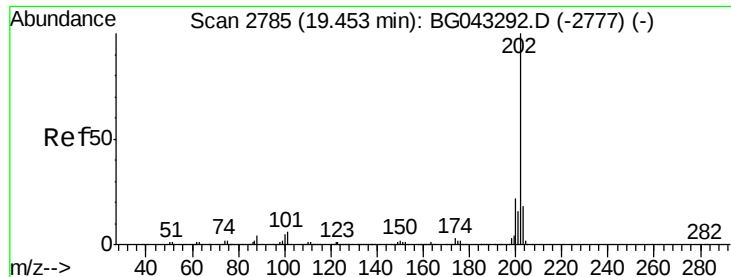
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.4	27.6
139	13.6	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 45.012 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	5.7	4.7	7.1





#75

Fluoranthene

Concen: 45.216 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampleId :

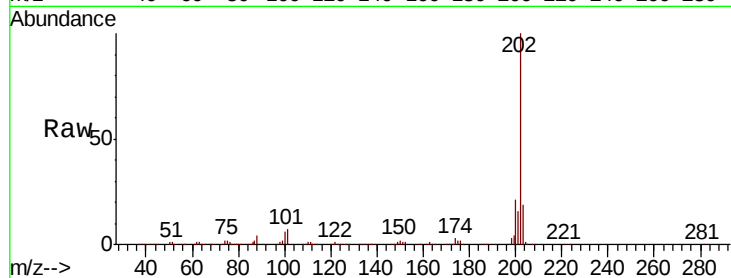
Tot Ion:202 Resp: 852941

Ion Ratio Lower Upper

202 100

101 7.1 0.0 26.0

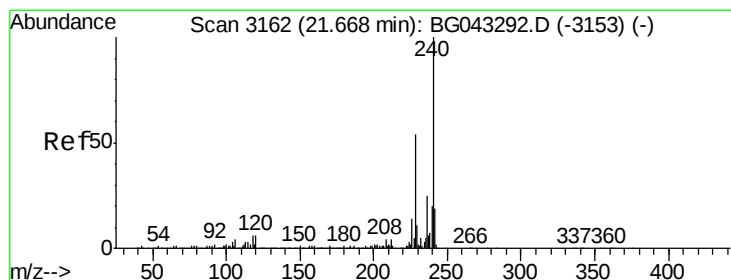
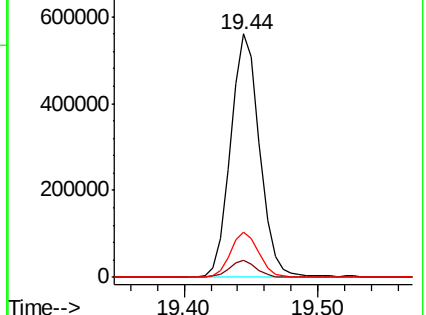
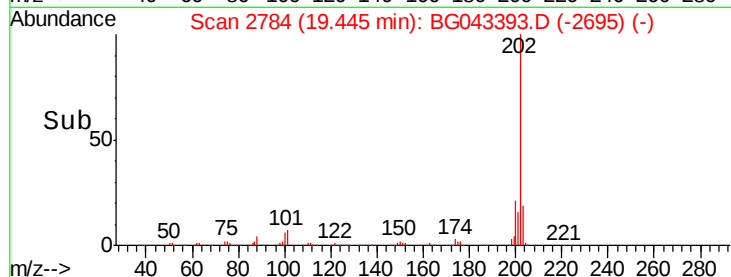
203 18.8 0.0 38.2



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: BG043393.D

Acq: 30 Oct 2019 4:36

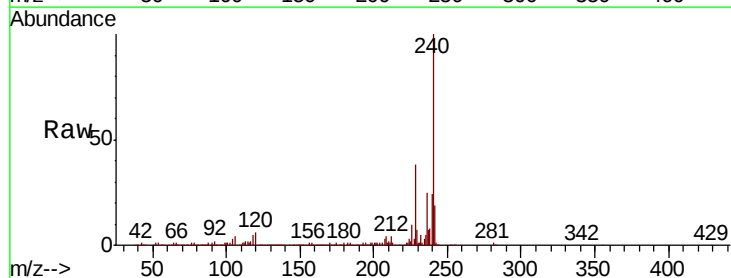
Tgt Ion:240 Resp: 315854

Ion Ratio Lower Upper

240 100

120 5.9 4.6 7.0

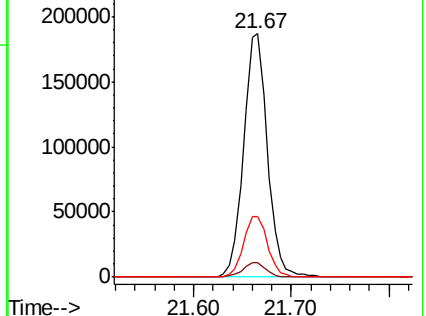
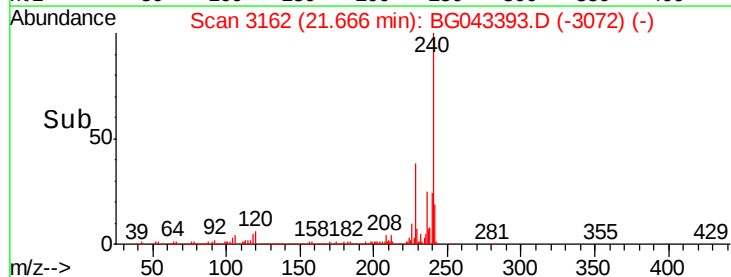
236 24.8 20.2 30.4

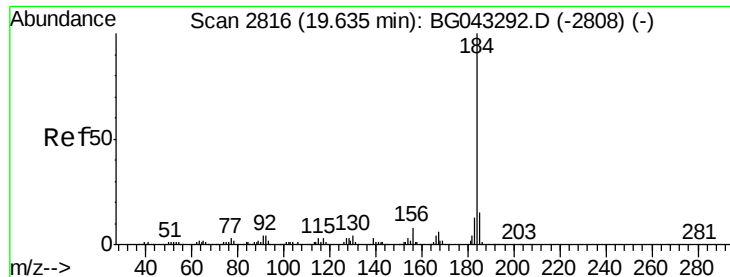


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.408 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampleId :

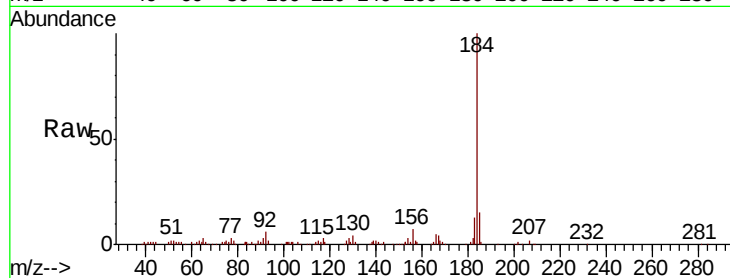
Tot Ion:184 Resp: 136081

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.6

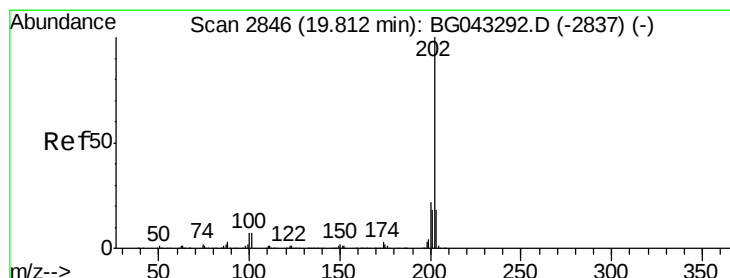
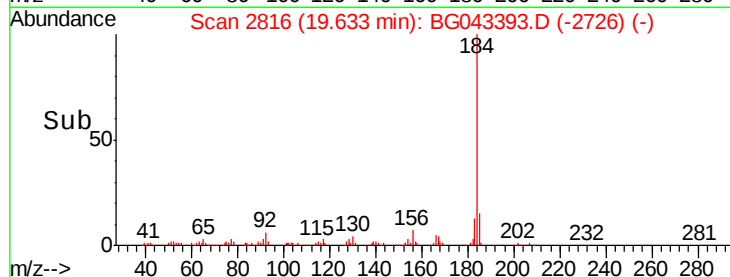
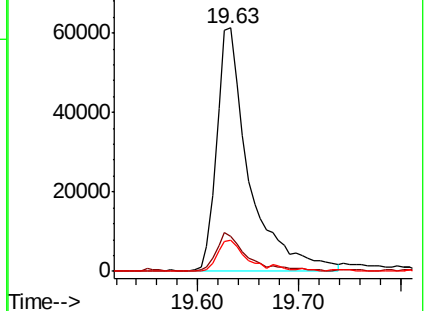
183 12.8 10.6 16.0



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: 44.150 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

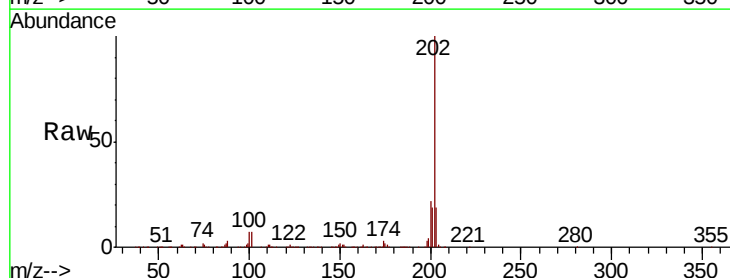
Tgt Ion:202 Resp: 863166

Ion Ratio Lower Upper

202 100

200 21.9 17.3 25.9

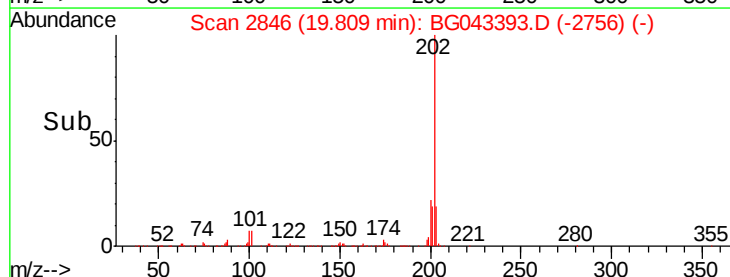
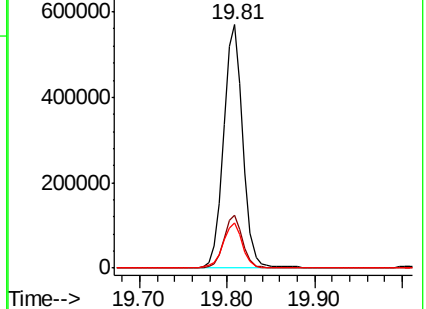
203 18.7 14.5 21.7

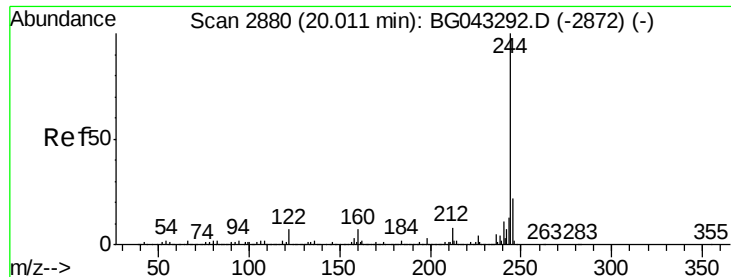


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.563 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampled :

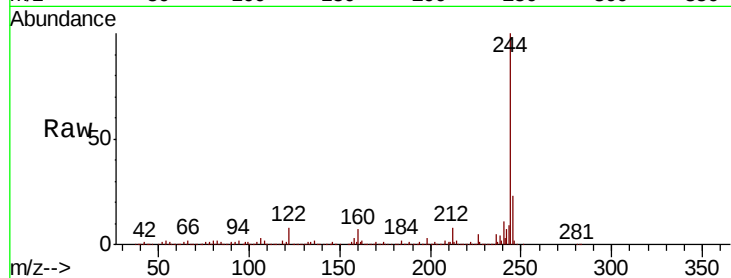
Tot Ion:244 Resp: 1423714

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

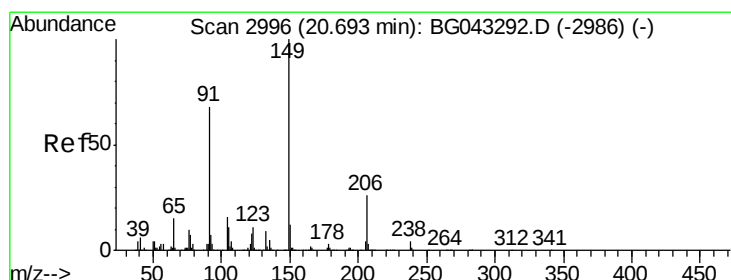
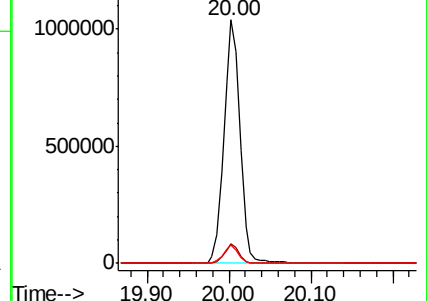
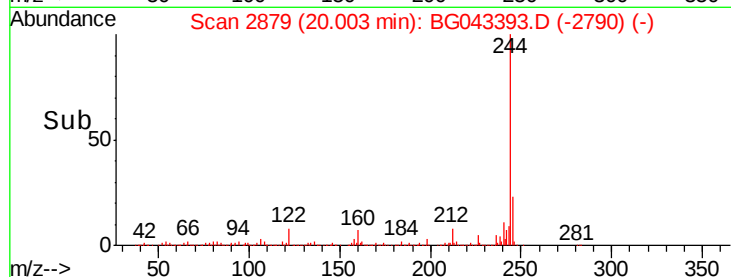
122 7.6 5.3 7.9



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: 44.633 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

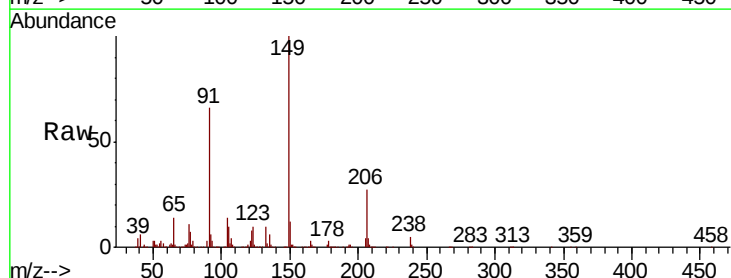
Tgt Ion:149 Resp: 330598

Ion Ratio Lower Upper

149 100

91 66.2 54.6 82.0

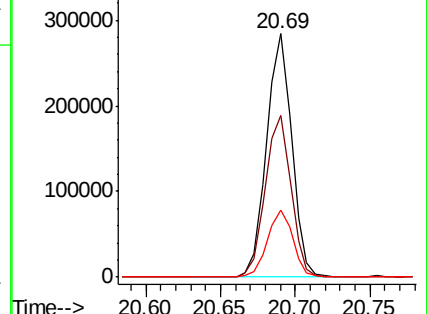
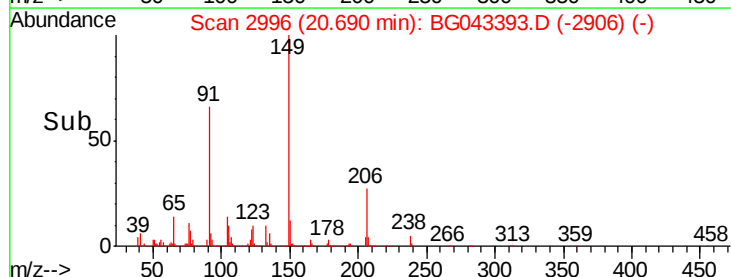
206 27.4 20.5 30.7

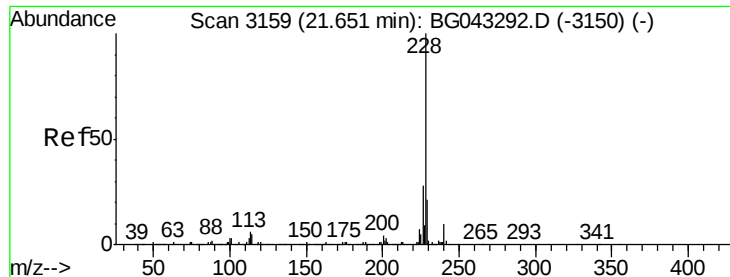


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.157 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampleId :

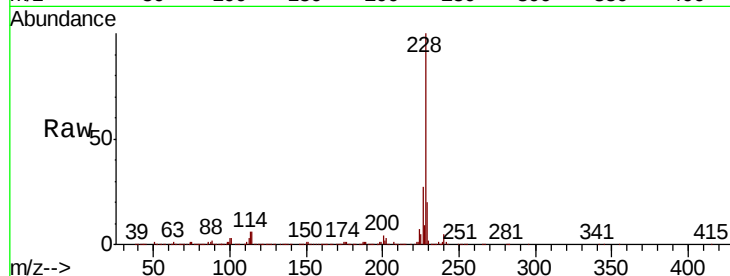
Tot Ion:228 Resp: 913208

Ion Ratio Lower Upper

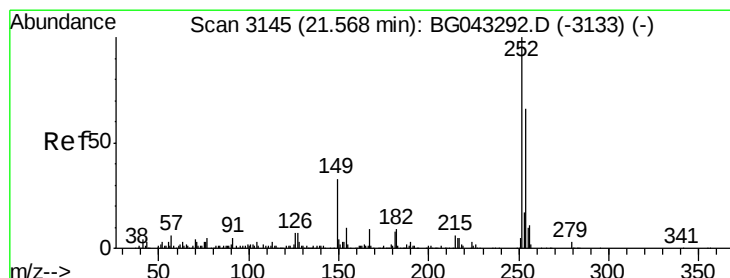
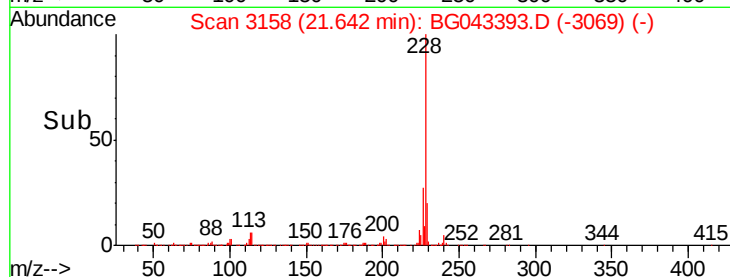
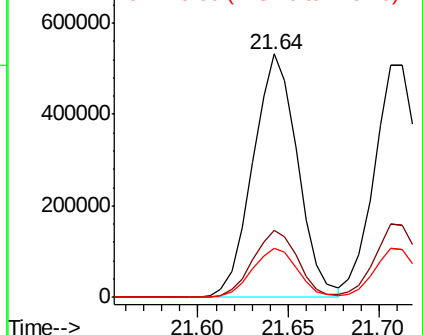
228 100

226 27.3 22.2 33.4

229 20.3 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: 21.346 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

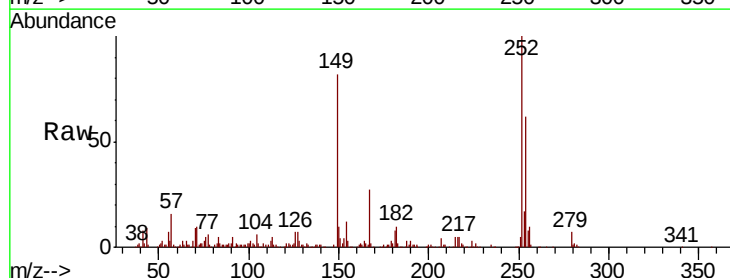
Tgt Ion:252 Resp: 163348

Ion Ratio Lower Upper

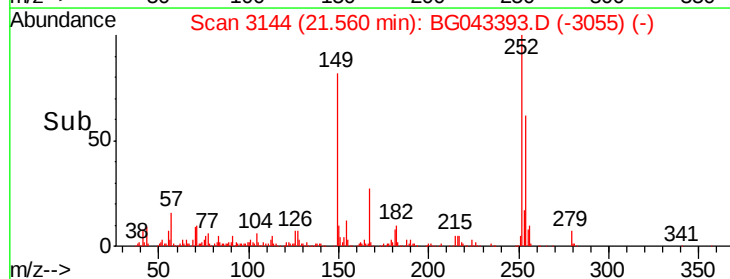
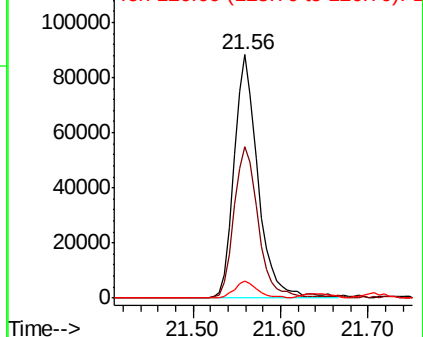
252 100

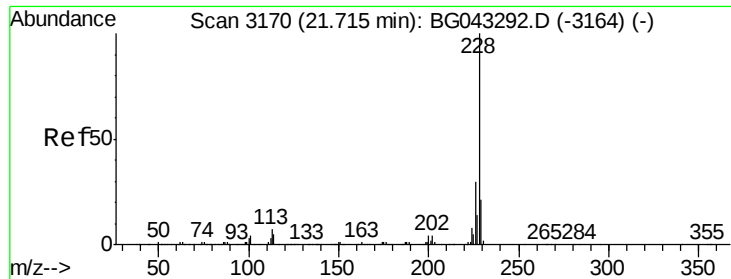
254 62.4 52.7 79.1

126 7.1 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: 44.494 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampleId :

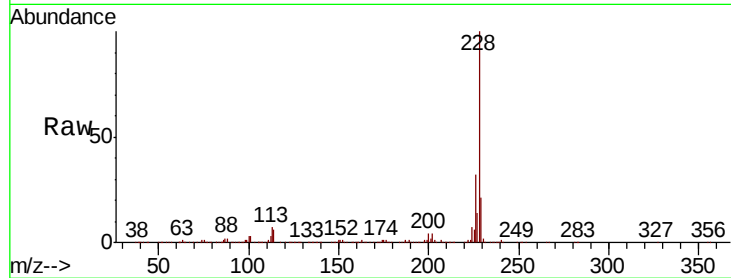
Tot Ion:228 Resp: 874662

Ion Ratio Lower Upper

228 100

226 31.6 23.8 35.8

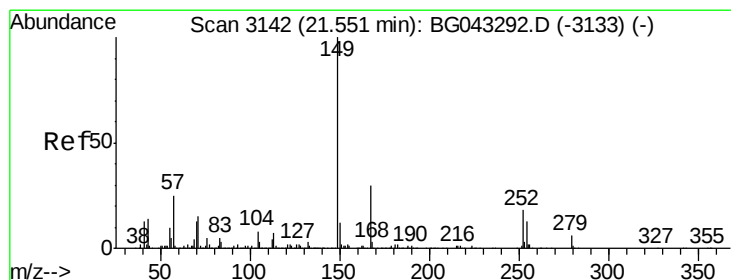
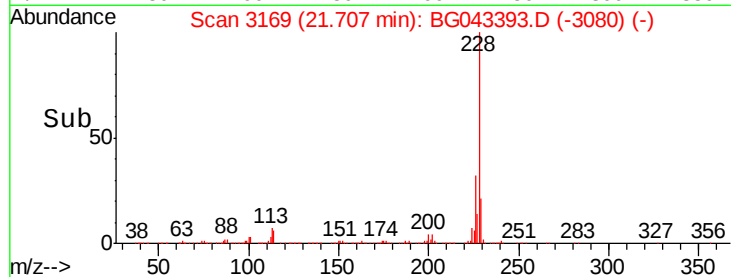
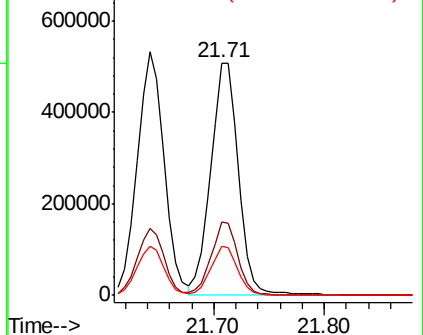
229 21.4 16.3 24.5



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: 45.938 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

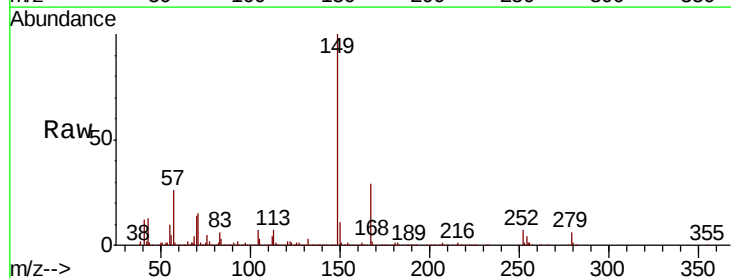
Tgt Ion:149 Resp: 483349

Ion Ratio Lower Upper

149 100

167 29.1 23.9 35.9

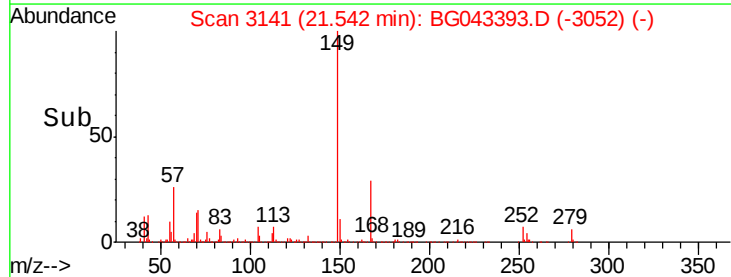
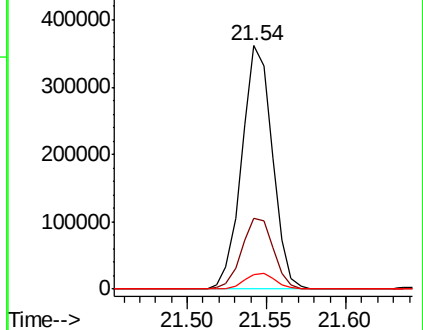
279 6.1 4.8 7.2

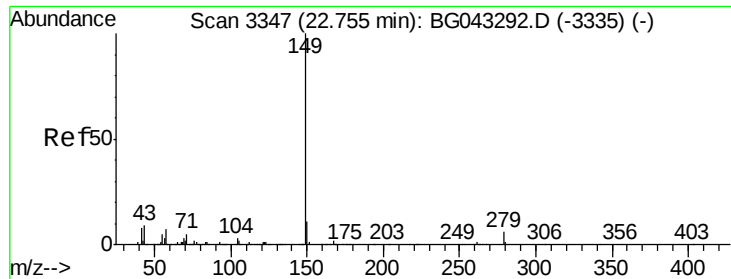


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.237 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampleId :

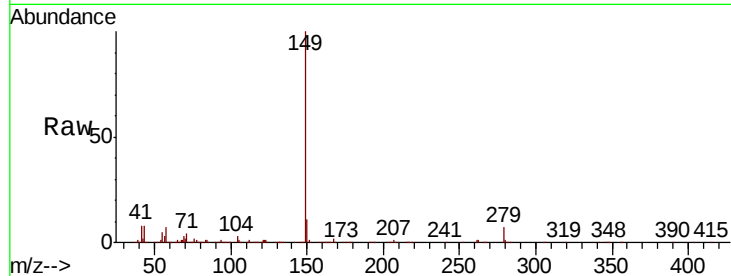
Tot Ion:149 Resp: 825378

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

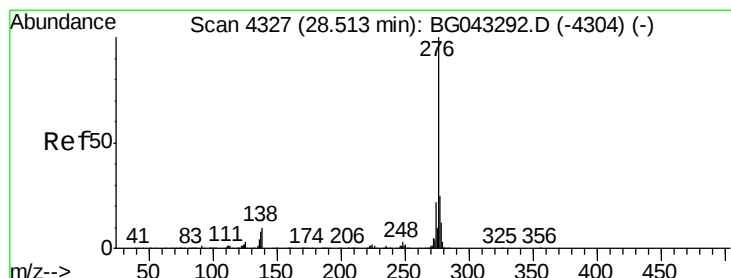
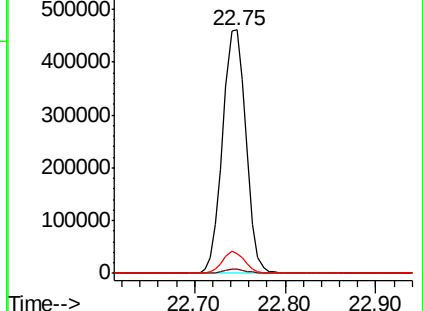
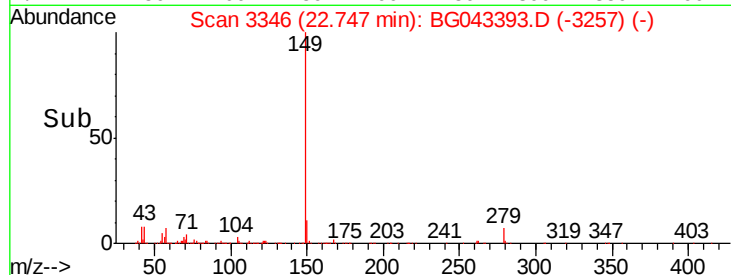
43 8.7 6.9 10.3



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: 47.215 ng

RT: 28.51 min Scan# 4327

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

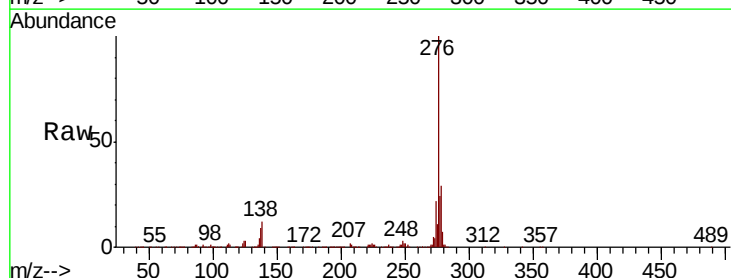
Tgt Ion:276 Resp: 1165049

Ion Ratio Lower Upper

276 100

138 10.2 7.2 10.8

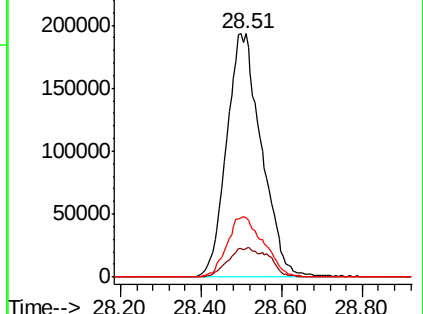
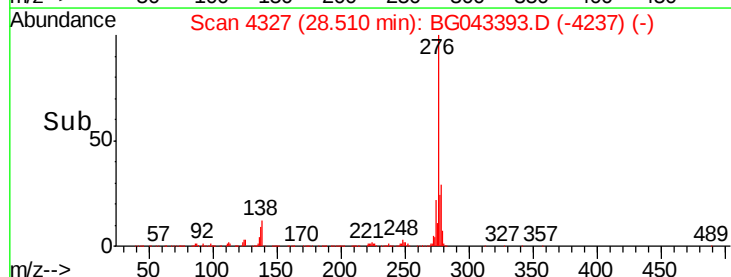
277 25.9 20.9 31.3



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# 3705

Delta R.T. -0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampleId :

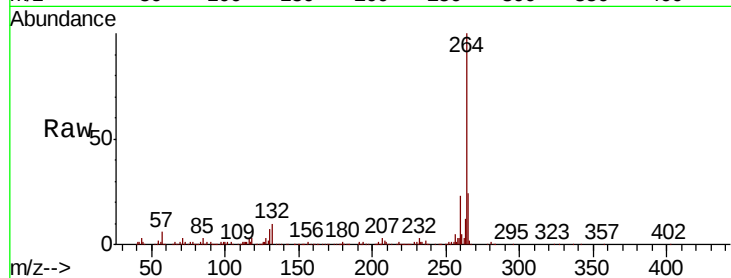
Tot Ion:264 Resp: 374020

Ion Ratio Lower Upper

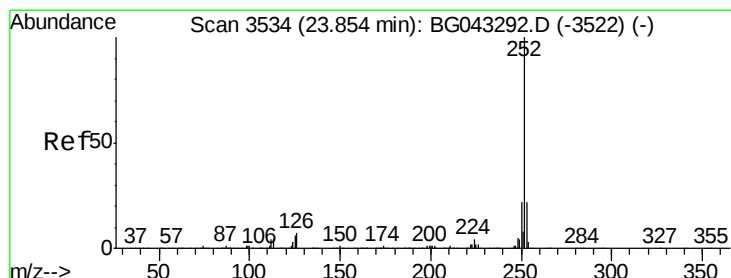
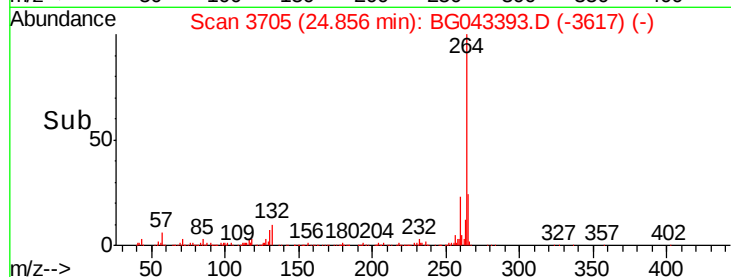
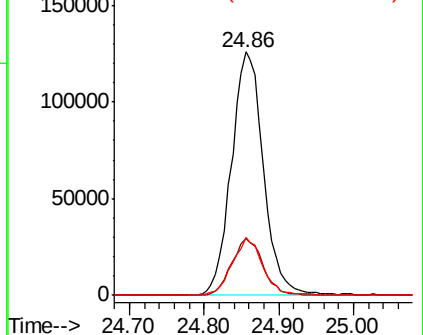
264 100

260 23.3 17.9 26.9

265 23.8 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: 44.710 ng

RT: 23.85 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

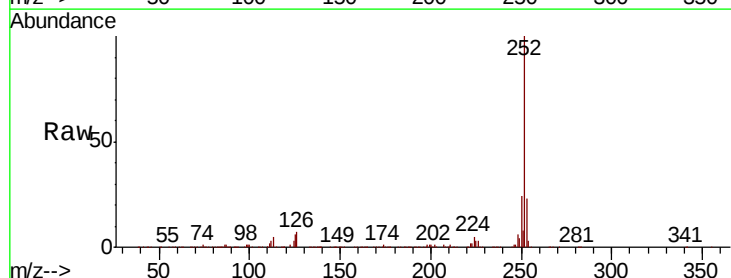
Tgt Ion:252 Resp: 947105

Ion Ratio Lower Upper

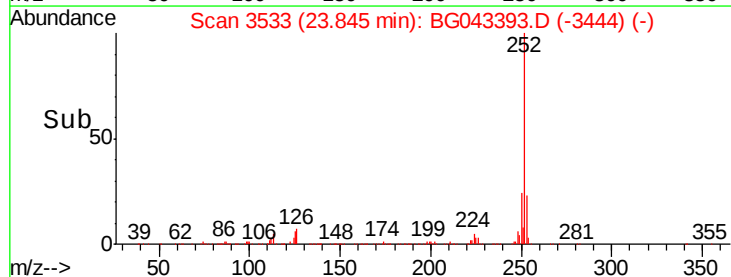
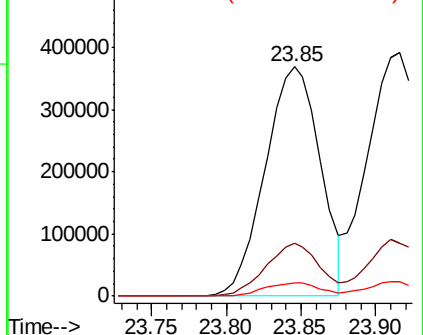
252 100

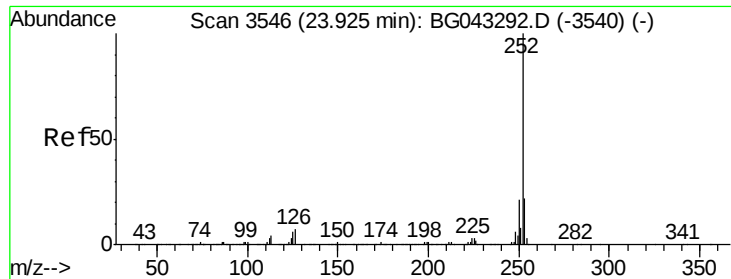
253 23.3 17.4 26.2

125 5.5 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

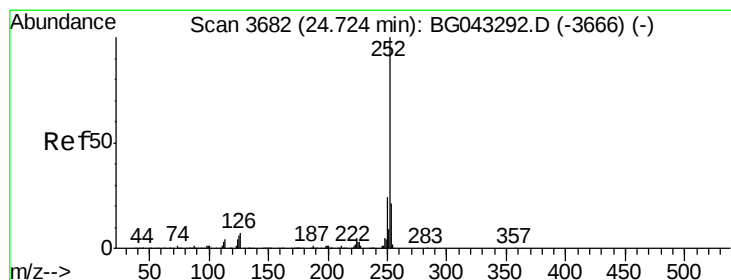
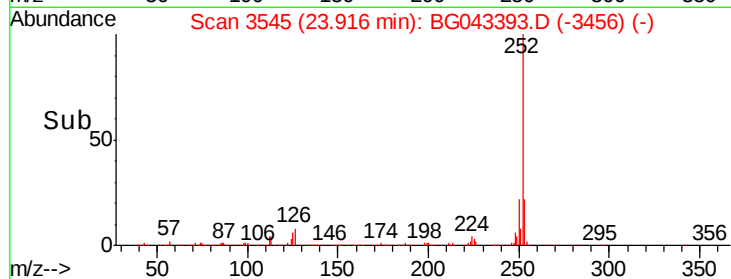
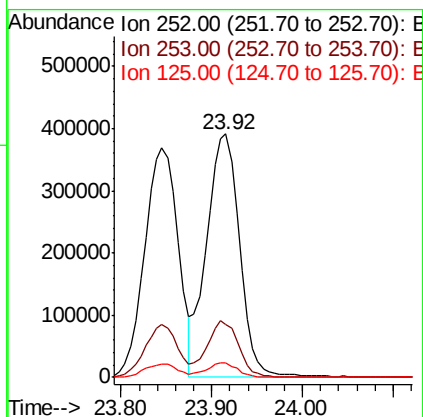
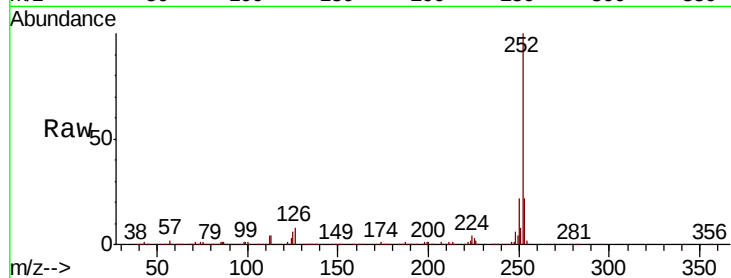




#89
Benzo(k)fluoranthene
Concen: 46.286 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

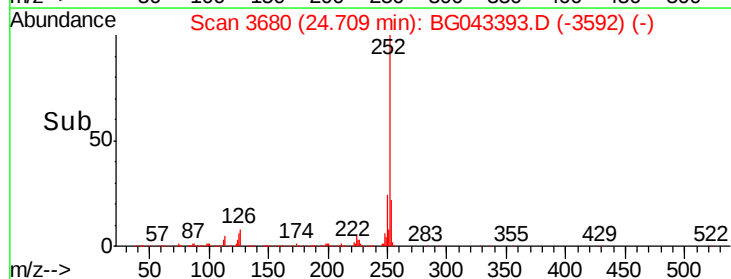
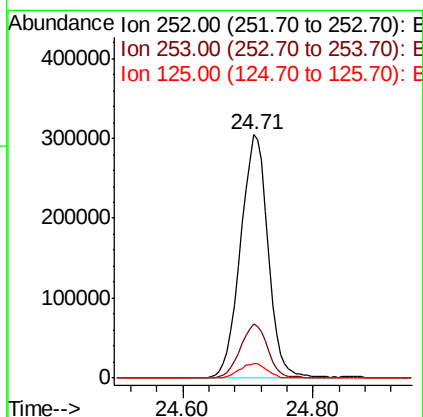
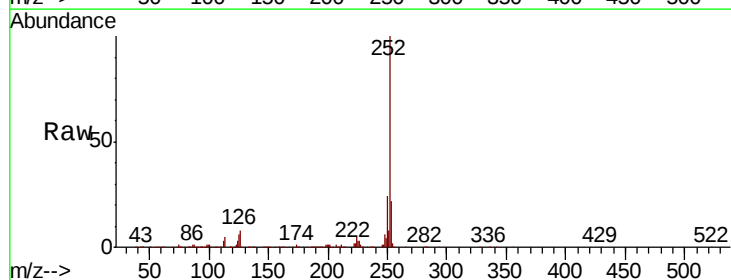
Instrument :
BNA_G
ClientSampleId :

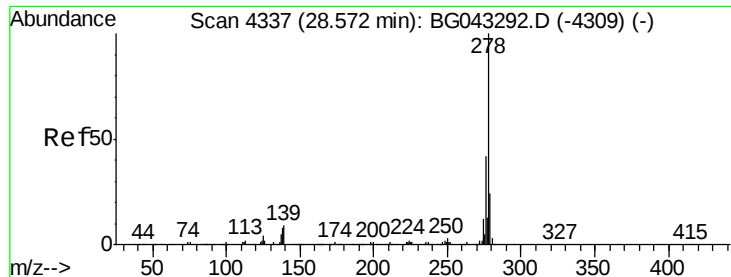
Tot Ion:252 Resp: 987070
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 5.9 4.5 6.7



#90
Benzo(a)pyrene
Concen: 44.213 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion:252 Resp: 894360
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 5.9 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 47.284 ng

RT: 28.56 min Scan# 4335

Delta R.T. -0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

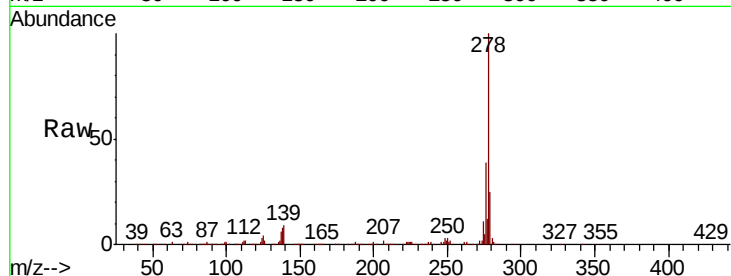
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 978347

Ion	Ratio	Lower	Upper
278	100		
139	8.8	6.8	10.2
279	25.1	19.0	28.6

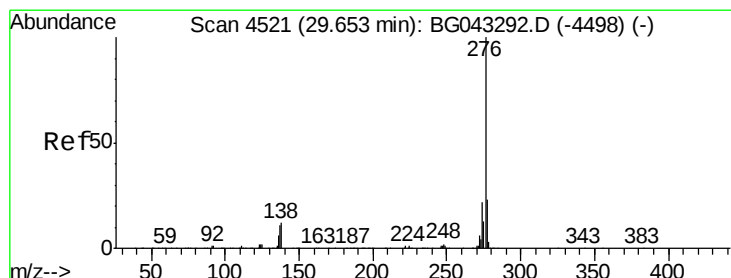
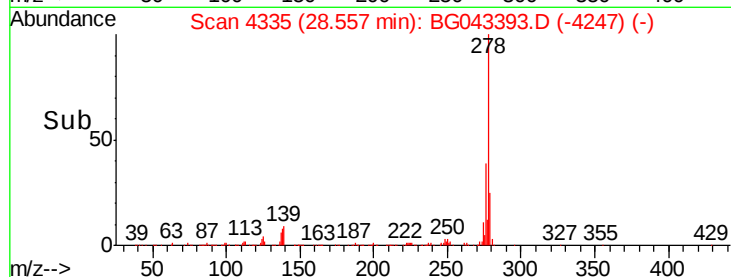
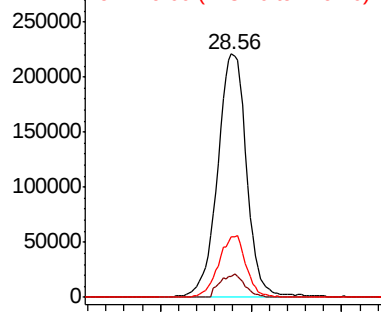


Abundance

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: 47.876 ng

RT: 29.64 min Scan# 4520

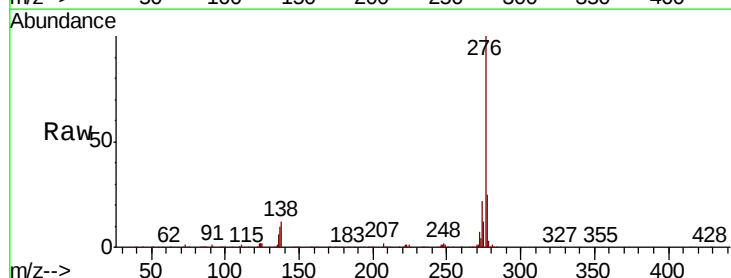
Delta R.T. -0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Tgt Ion:276 Resp: 977117

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.3	27.5
138	11.8	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

