

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
 Data File : BG043354.D
 Acq On : 28 Oct 2019 17:39
 Operator : JU
 Sample : PB124310BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 29 13:18:00 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	31438	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	128085	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	102412	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	241610	20.00	ng	0.00
76) Chrysene-d12	21.66	240	274282	20.00	ng	0.00
87) Perylene-d12	24.86	264	326721	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	236696	137.96	ng	0.00
7) Phenol-d6	7.22	99	318187	128.90	ng	0.02
23) Nitrobenzene-d5	9.19	82	156938	63.17	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	207741	106.59	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	435133	58.71	ng	0.00
79) Terphenyl-d14	20.00	244	886671	60.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	30433	45.520	ng	96
3) Pyridine	3.89	79	67935	40.282	ng	95
4) n-Nitrosodimethylamine	3.80	42	41823	49.145	ng	# 90
6) Aniline	7.35	93	103677	36.461	ng	98
8) 2-Chlorophenol	7.60	128	94554	49.927	ng	95
9) Benzaldehyde	7.17	77	52604	43.364	ng	90
10) Phenol	7.24	94	115325	51.128	ng	95
11) bis(2-Chloroethyl)ether	7.44	93	77506	44.444	ng	91
12) 1,3-Dichlorobenzene	7.91	146	106214	44.762	ng	99
13) 1,4-Dichlorobenzene	8.06	146	106503	44.363	ng	98
14) 1,2-Dichlorobenzene	8.38	146	101192	43.170	ng	97
15) Benzyl Alcohol	8.27	79	81049	46.753	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	107750	42.492	ng	99
17) 2-Methylphenol	8.49	107	80598	49.016	ng	97
18) Hexachloroethane	9.10	117	37613	43.425	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	68166	42.737	ng	99
20) 3+4-Methylphenols	8.82	107	107100	47.499	ng	88
22) Acetophenone	8.85	105	134757	41.083	ng	99
24) Nitrobenzene	9.23	77	105132	44.421	ng	98
25) Isophorone	9.74	82	193407	42.579	ng	99
26) 2-Nitrophenol	9.94	139	54421	47.629	ng	90
27) 2,4-Dimethylphenol	10.02	122	85377	52.133	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	103186	41.160	ng	98
29) 2,4-Dichlorophenol	10.49	162	99659	47.495	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	112819	42.660	ng	98
31) Naphthalene	10.88	128	285191	43.865	ng	99
32) Benzoic acid	10.17	122	40304	35.204	ng	91
33) 4-Chloroaniline	11.00	127	57665	21.637	ng	99
34) Hexachlorobutadiene	11.17	225	79419	40.624	ng	96
35) Caprolactam	11.77	113	28193	39.012	ng	# 90
36) 4-Chloro-3-methylphenol	12.13	107	104525	45.668	ng	98
37) 2-Methylnaphthalene	12.48	142	221348	44.372	ng	96
38) 1-Methylnaphthalene	12.70	142	211467	44.553	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	140964	37.192	ng	# 98

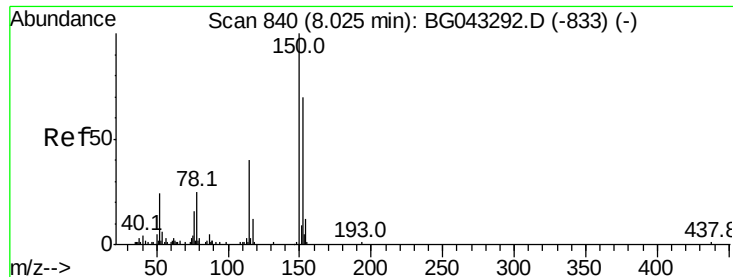
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
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 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	192639	96.756	nq	96
43) 2,4,6-Trichlorophenol	13.09	196	91734	41.099	nq	96
44) 2,4,5-Trichlorophenol	13.18	196	97755	43.321	nq	97
46) 1,1'-Biphenyl	13.49	154	296413	38.046	nq	96
47) 2-Chloronaphthalene	13.53	162	229768	38.760	nq	99
48) 2-Nitroaniline	13.74	65	67237	37.950	nq	98
49) Acenaphthylene	14.37	152	372431	40.368	nq	96
50) Dimethylphthalate	14.10	163	306296	38.613	nq	100
51) 2,6-Dinitrotoluene	14.22	165	69649	40.416	nq	97
52) Acenaphthene	14.72	154	220336	39.162	nq	98
53) 3-Nitroaniline	14.56	138	40728	24.478	nq	91
54) 2,4-Dinitrophenol	14.77	184	76178	71.627	nq	93
55) Dibenzofuran	15.05	168	364284	39.926	nq	99
56) 4-Nitrophenol	14.90	139	100137	89.810	nq	93
57) 2,4-Dinitrotoluene	15.02	165	97899	39.751	nq	97
58) Fluorene	15.70	166	302137	39.483	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	98724	41.178	nq	# 98
60) Diethylphthalate	15.46	149	309179	38.791	nq	98
61) 4-Chlorophenyl-phenylether	15.69	204	178765	40.044	nq	99
62) 4-Nitroaniline	15.73	138	60530	35.226	nq	97
63) Azobenzene	15.98	77	254603	39.469	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	60242	42.368	nq	98
66) n-Nitrosodiphenylamine	15.90	169	272682	39.975	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	124096	38.165	nq	97
68) Hexachlorobenzene	16.71	284	139255	37.310	nq	95
69) Atrazine	16.85	200	118726	50.090	nq	95
70) Pentachlorophenol	17.05	266	157114	92.382	nq	96
71) Phenanthrene	17.44	178	487475	39.401	nq	98
72) Anthracene	17.53	178	511575	41.327	nq	100
73) Carbazole	17.81	167	454033	40.503	nq	99
74) Di-n-butylphthalate	18.35	149	550416	40.467	nq	99
75) Fluoranthene	19.45	202	668066	41.419	nq	99
77) Benzidine	19.63	184	297420	53.880	nq	98
78) Pyrene	19.81	202	680172	40.063	nq	100
80) Butylbenzylphthalate	20.69	149	249903	38.852	nq	98
81) Benzo(a)anthracene	21.64	228	698428	40.652	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	198546	29.878	nq	97
83) Chrysene	21.71	228	682379	39.974	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	371648	40.675	nq	99
85) Di-n-octyl phthalate	22.75	149	628776	40.562	nq	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	880854	41.108	nq	99
88) Benzo(b)fluoranthene	23.92	252	747212	40.380	nq	99
89) Benzo(k)fluoranthene	23.92	252	747212	40.111	nq	100
90) Benzo(a)pyrene	24.71	252	683549	38.683	nq	97
91) Dibenzo(a,h)anthracene	28.56	278	746877	41.323	nq	99
92) Benzo(g,h,i)perylene	29.64	276	735539	41.257	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: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

ClientSampleId :

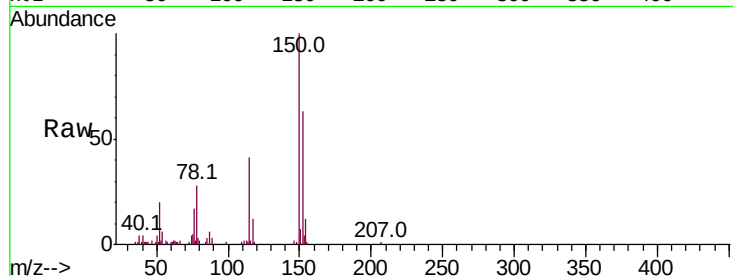
Tot Ion:152 Resp: 31438

Ion Ratio Lower Upper

152 100

150 158.3 113.6 170.4

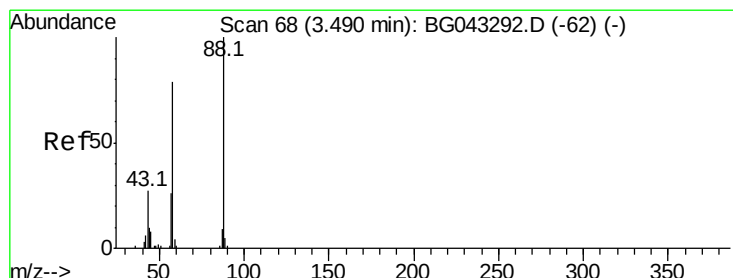
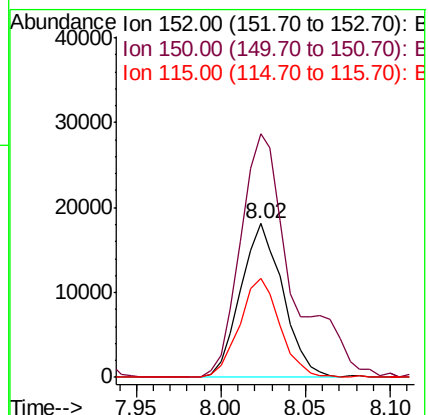
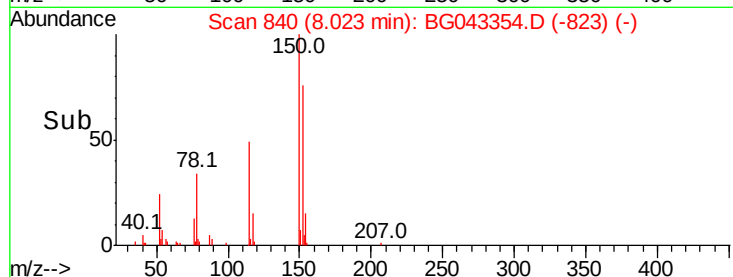
115 64.4 45.9 68.9



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: 45.520 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

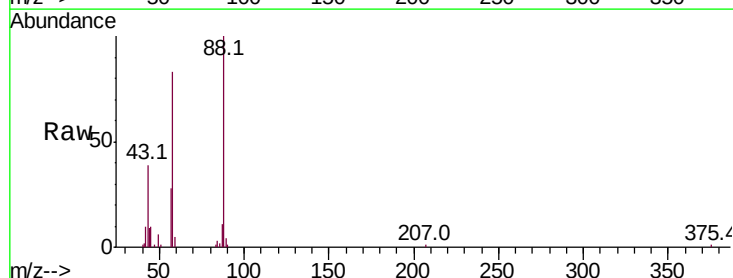
Tgt Ion: 88 Resp: 30433

Ion Ratio Lower Upper

88 100

58 79.2 60.2 90.2

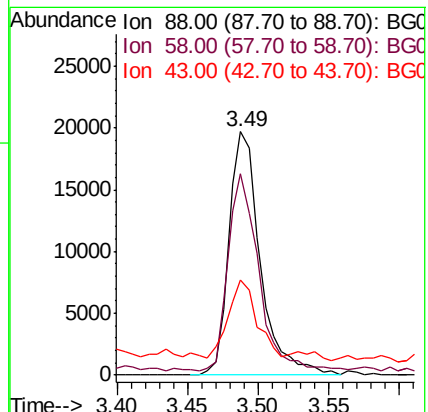
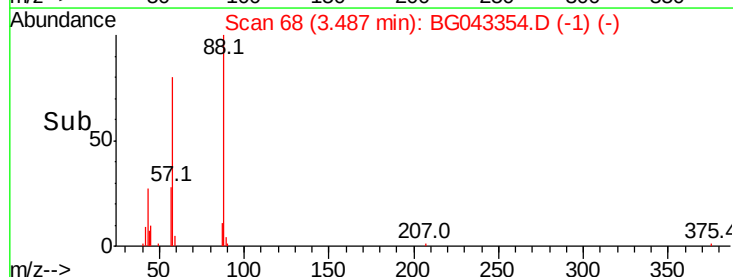
43 30.1 22.7 34.1

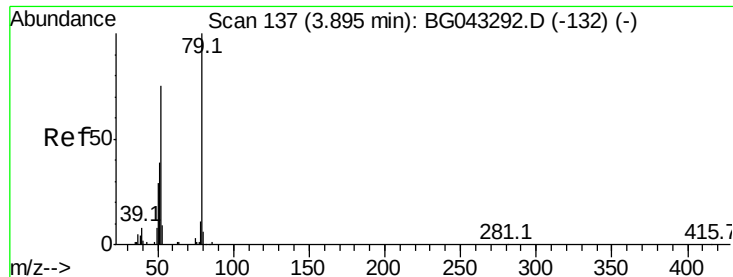


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.282 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

ClientSampled :

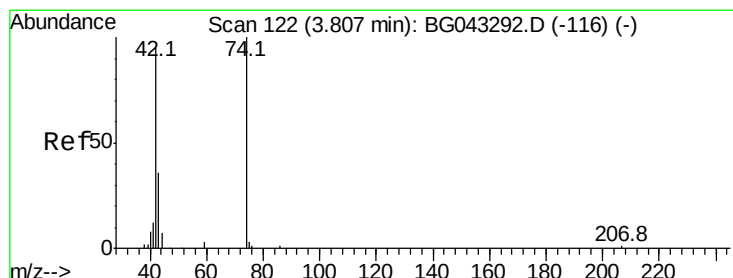
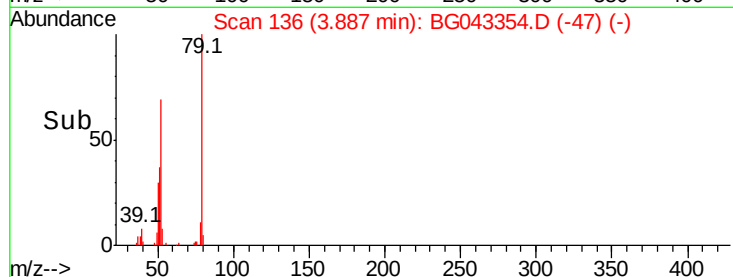
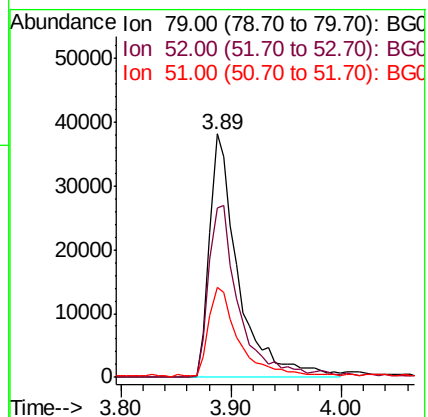
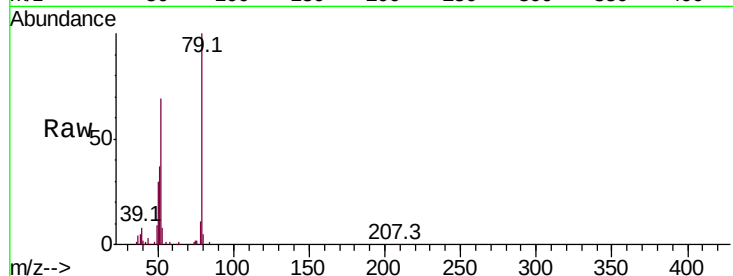
Tot Ion: 79 Resp: 67935

Ion Ratio Lower Upper

79 100

52 69.3 59.7 89.5

51 37.2 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 49.145 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

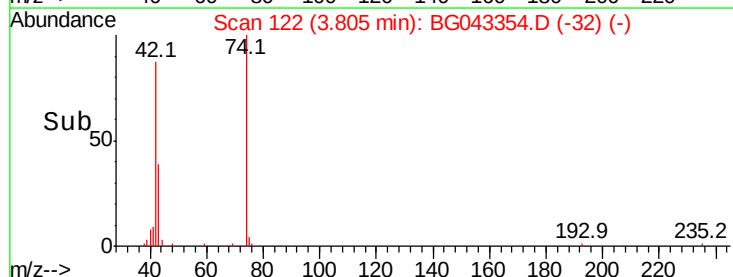
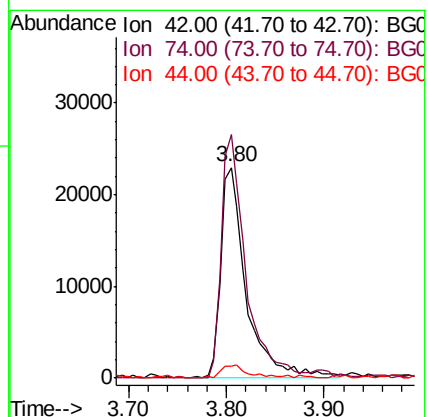
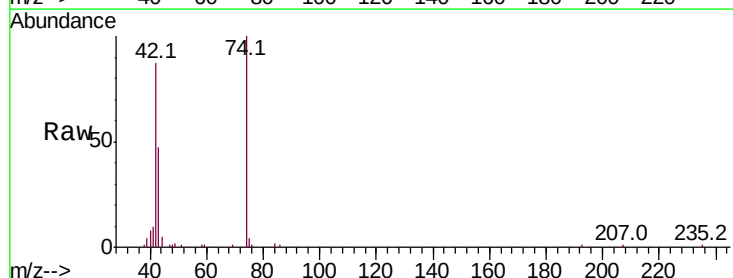
Tgt Ion: 42 Resp: 41823

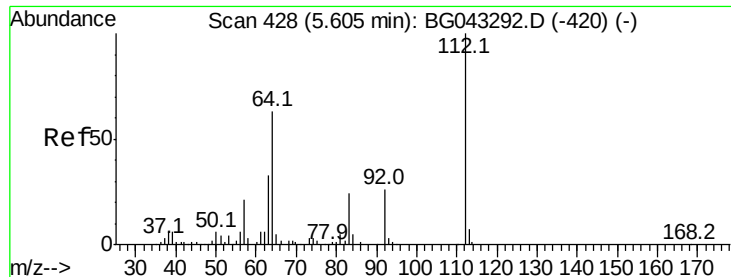
Ion Ratio Lower Upper

42 100

74 115.5 84.2 126.2

44 5.4 6.0 9.0#

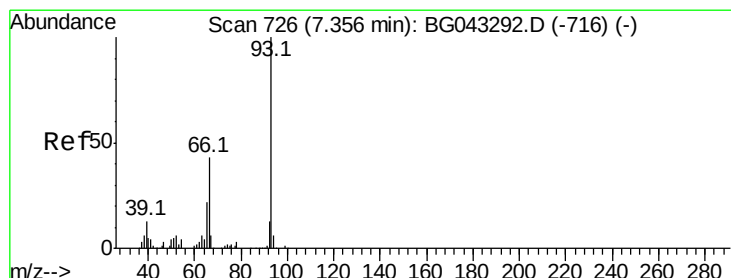
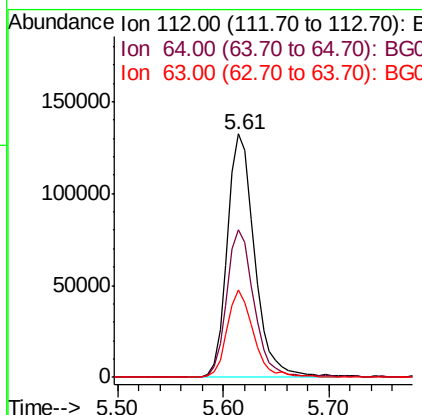
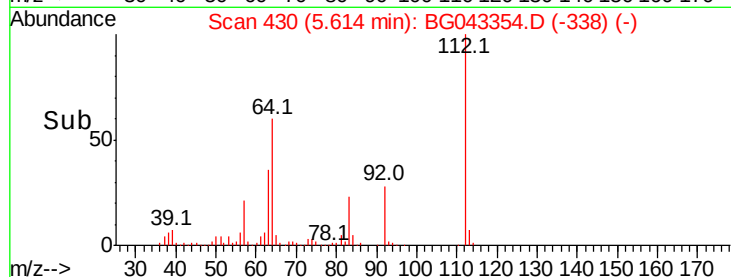
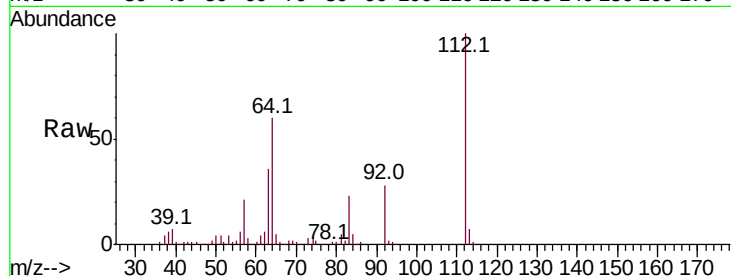




#5
 2-Fluorophenol
 Concen: 137.965 ng
 RT: 5.61 min Scan# 430
 Delta R.T. 0.01 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

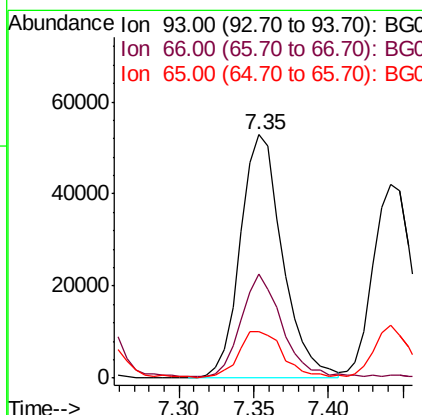
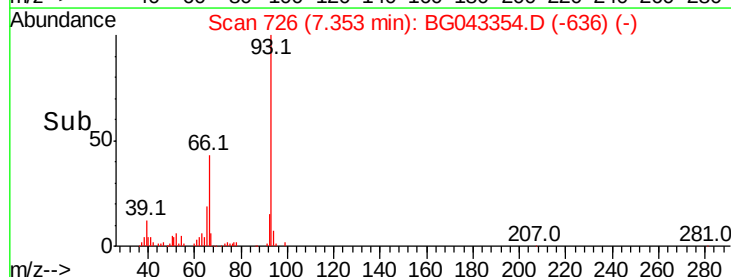
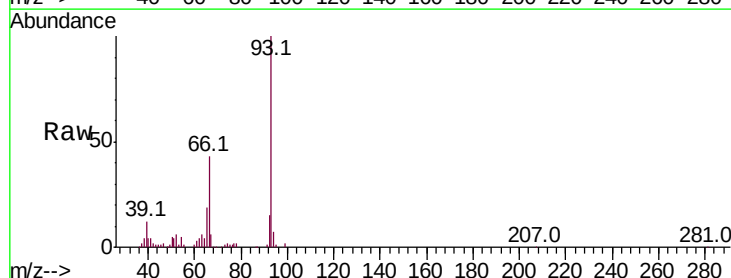
Instrument :
 BNA_G
 ClientSampleID :

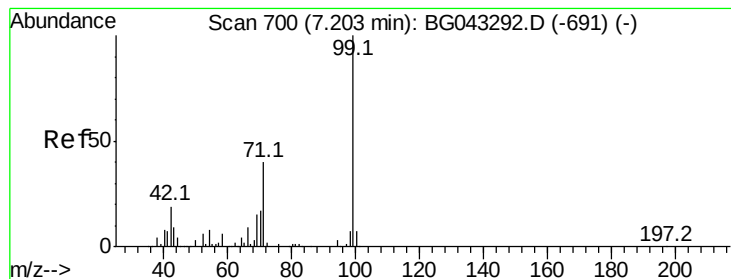
Tot Ion:	112	Resp:	236696
Ion	Ratio	Lower	Upper
112	100		
64	60.4	50.2	75.2
63	35.9	26.7	40.1



#6
 Aniline
 Concen: 36.461 ng
 RT: 7.35 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Tgt Ion:	93	Resp:	103677
Ion	Ratio	Lower	Upper
93	100		
66	42.9	34.5	51.7
65	19.3	18.0	27.0





#7

Phenol-d6

Concen: 128.905 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

ClientSampleId :

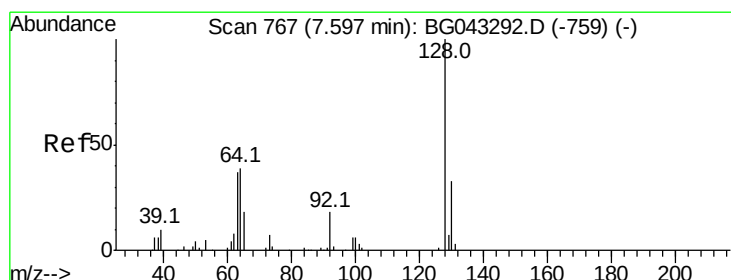
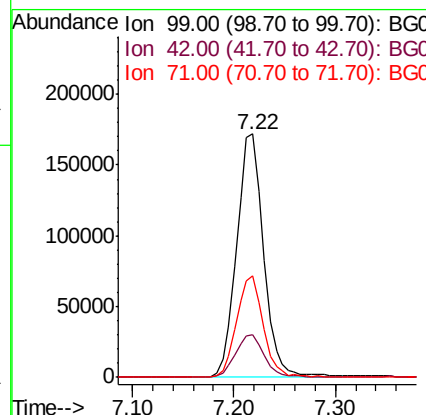
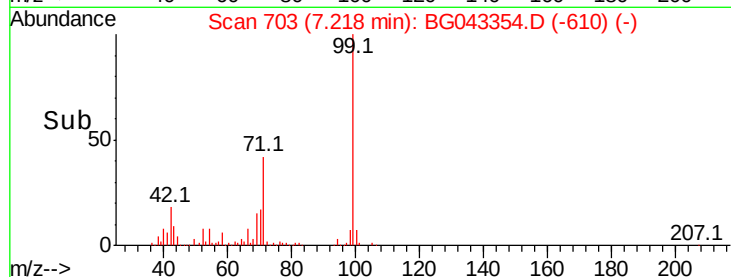
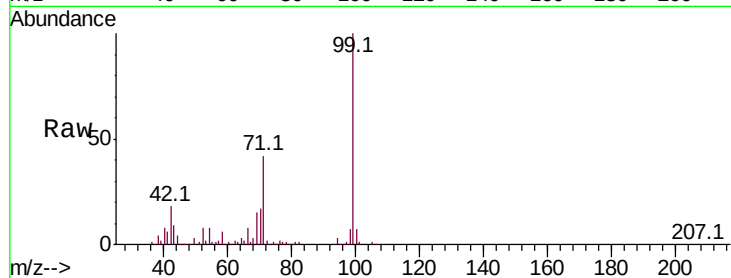
Tot Ion: 99 Resp: 318187

Ion Ratio Lower Upper

99 100

42 17.8 14.9 22.3

71 41.8 32.2 48.2



#8

2-Chlorophenol

Concen: 49.927 ng

RT: 7.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

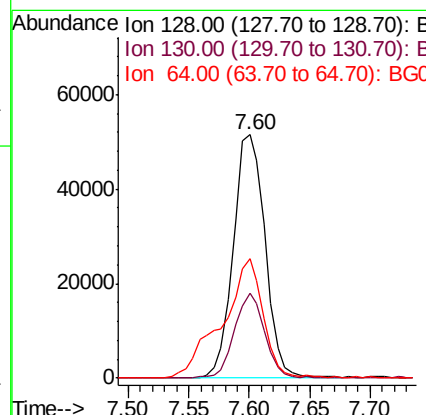
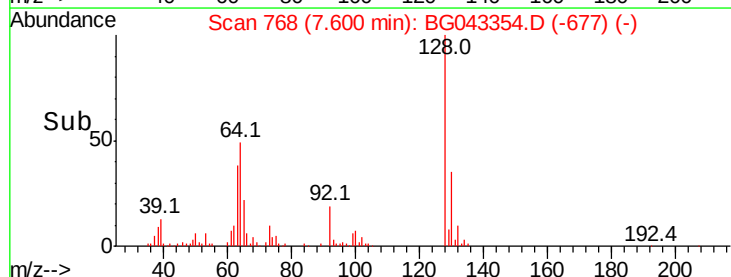
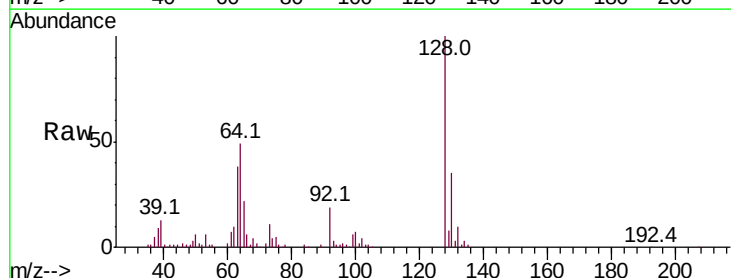
Tgt Ion:128 Resp: 94554

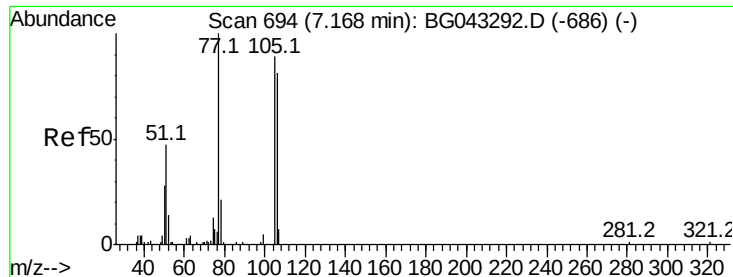
Ion Ratio Lower Upper

128 100

130 34.8 12.9 52.9

64 49.2 24.9 64.9





#9

Benzaldehyde

Concen: 43.364 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

ClientSampleId :

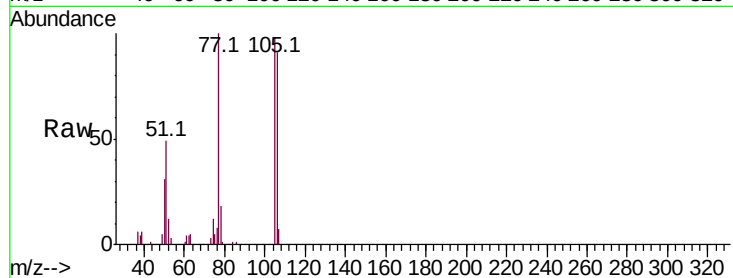
Tot Ion: 77 Resp: 52604

Ion Ratio Lower Upper

77 100

105 97.6 68.7 108.7

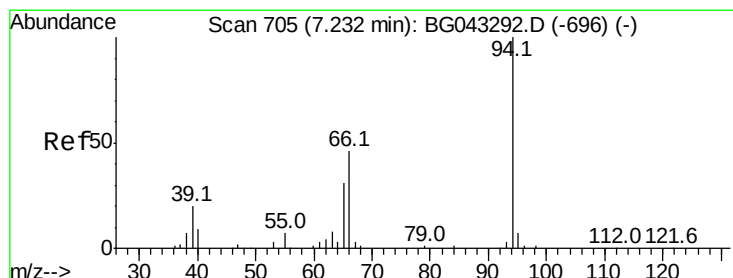
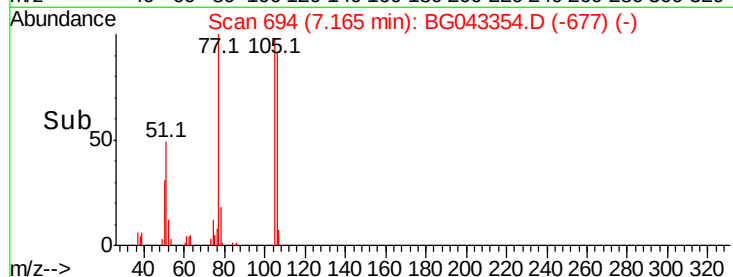
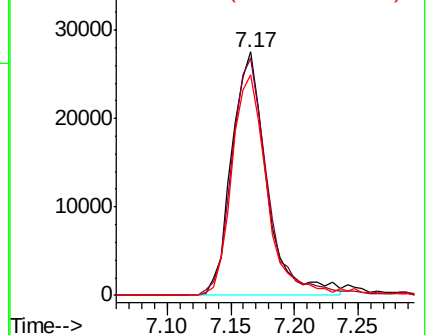
106 90.7 60.5 100.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 51.128 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

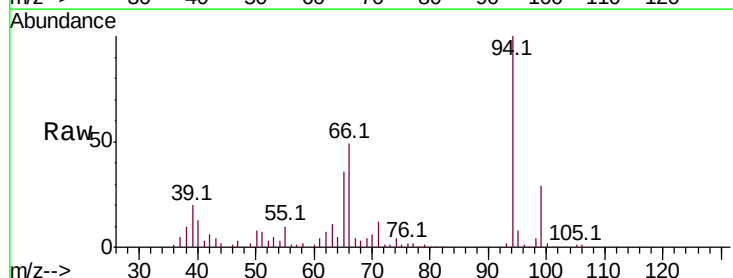
Tgt Ion: 94 Resp: 115325

Ion Ratio Lower Upper

94 100

65 35.5 11.1 51.1

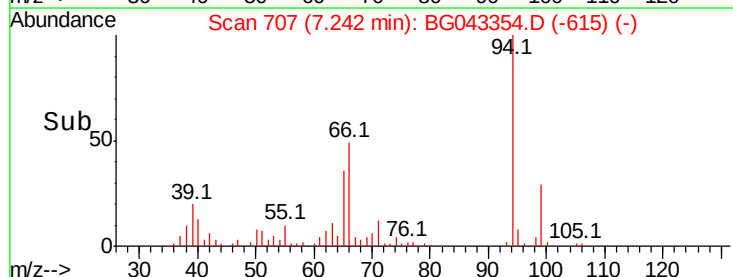
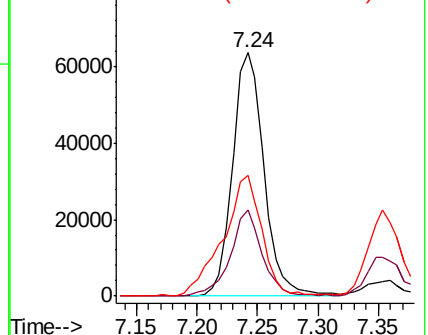
66 49.4 27.8 67.8

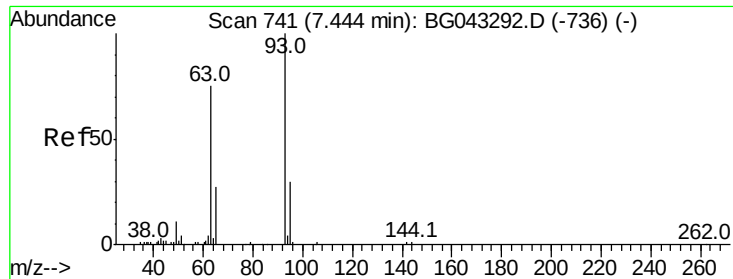


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 44.444 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

ClientSampleId :

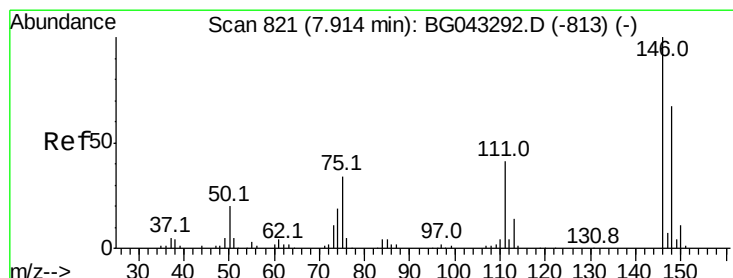
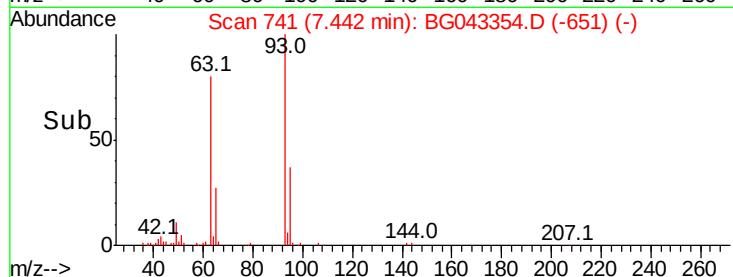
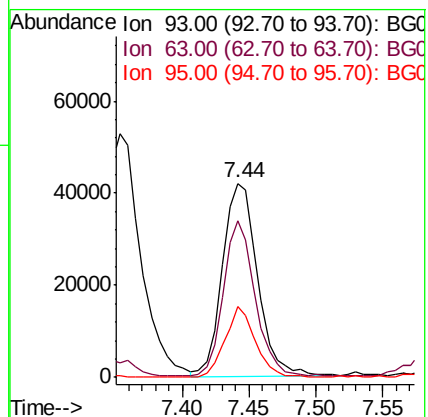
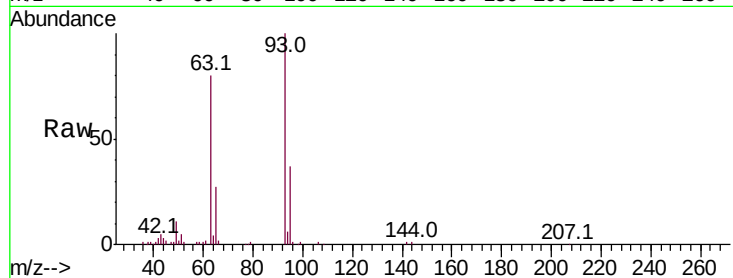
Tot Ion: 93 Resp: 77506

Ion Ratio Lower Upper

93 100

63 80.4 54.6 94.6

95 36.6 9.7 49.7



#12

1,3-Dichlorobenzene

Concen: 44.762 ng

RT: 7.91 min Scan# 821

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

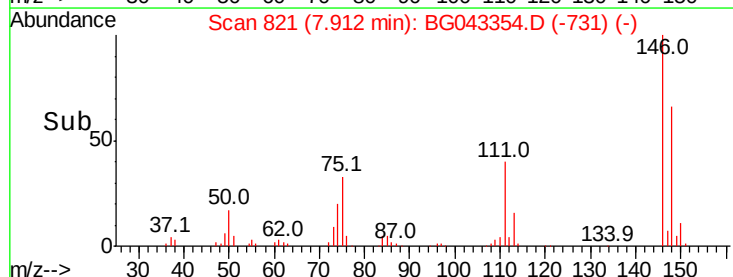
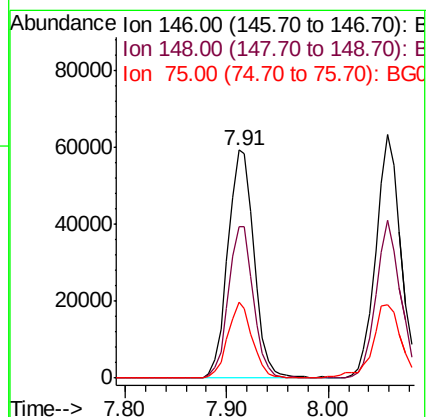
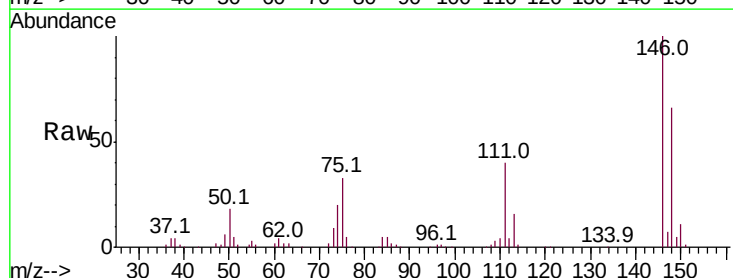
Tgt Ion: 146 Resp: 106214

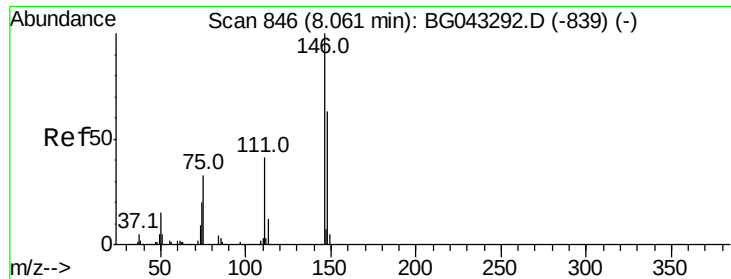
Ion Ratio Lower Upper

146 100

148 66.5 53.4 80.2

75 33.2 27.0 40.4

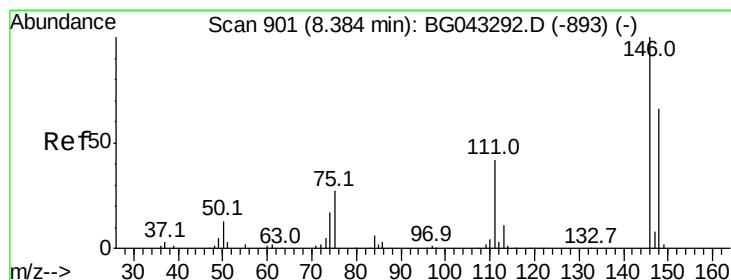
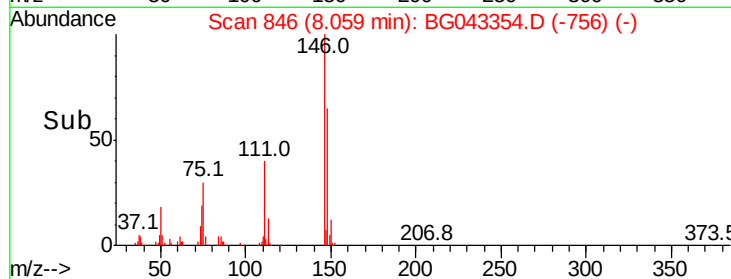
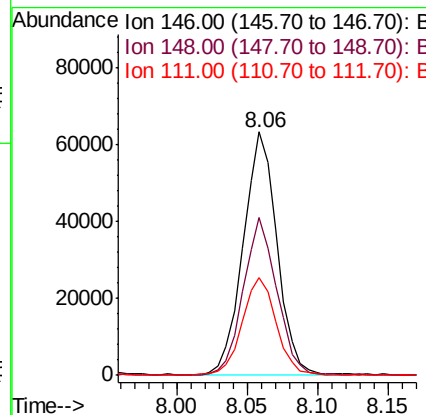
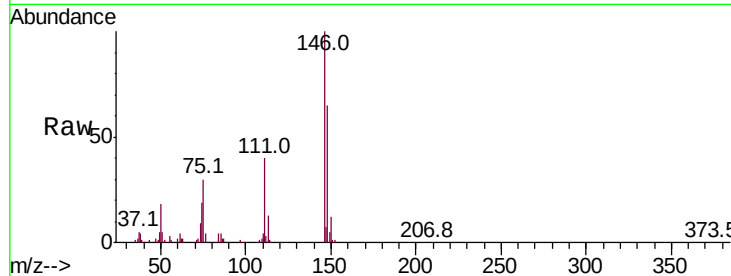




#13
 1,4-Dichlorobenzene
 Concen: 44.363 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

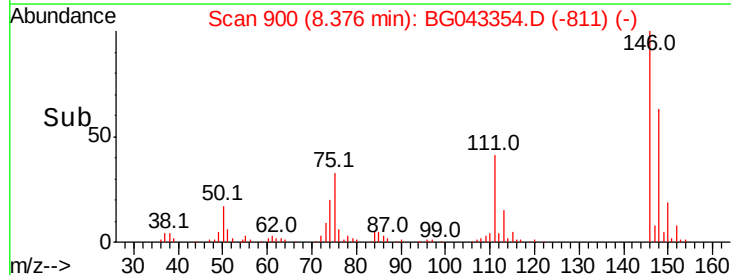
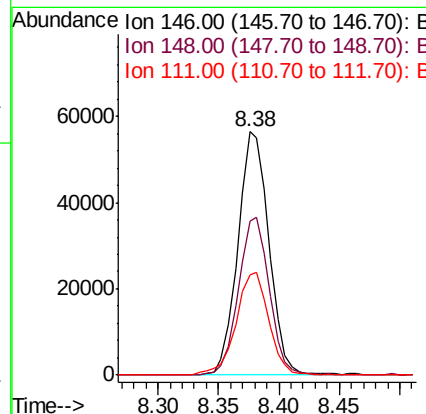
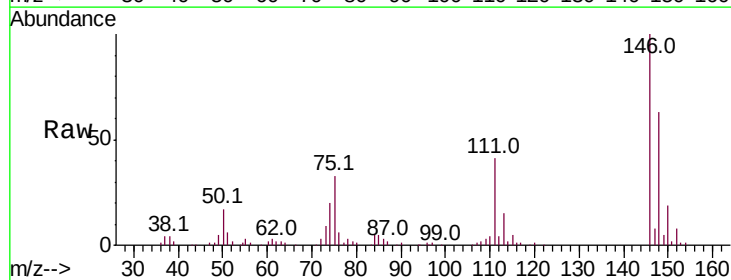
Instrument :
 BNA_G
 ClientSampleId :

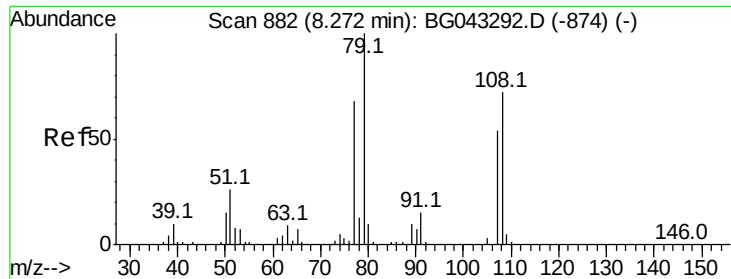
Tot Ion:146 Resp: 106503
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.7 76.1
 111 39.9 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 43.170 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Tgt Ion:146 Resp: 101192
 Ion Ratio Lower Upper
 146 100
 148 63.4 53.0 79.4
 111 41.1 34.5 51.7

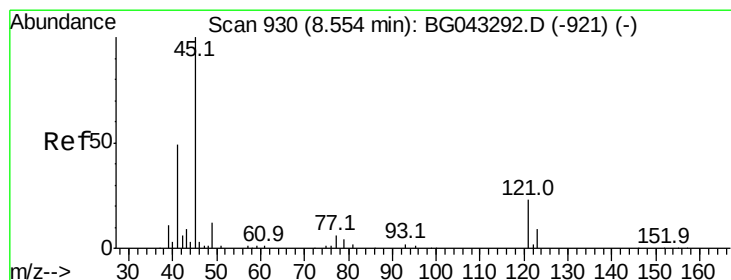
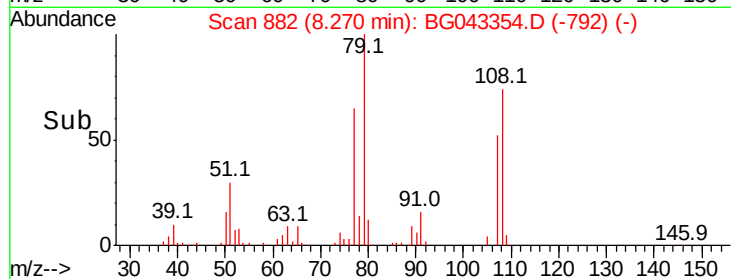
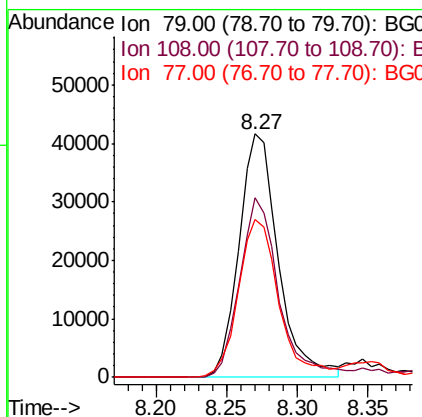
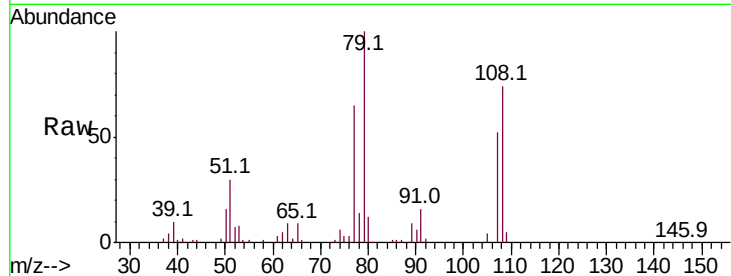




#15
Benzyl Alcohol
Concen: 46.753 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

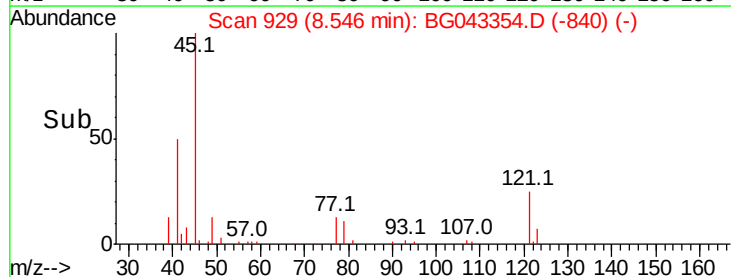
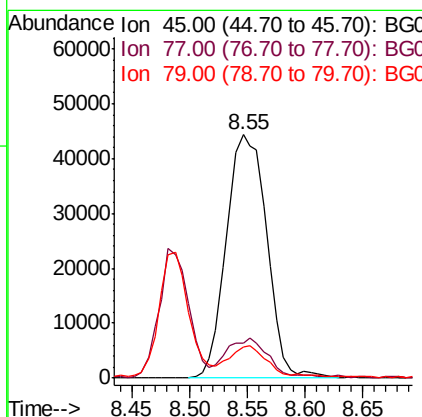
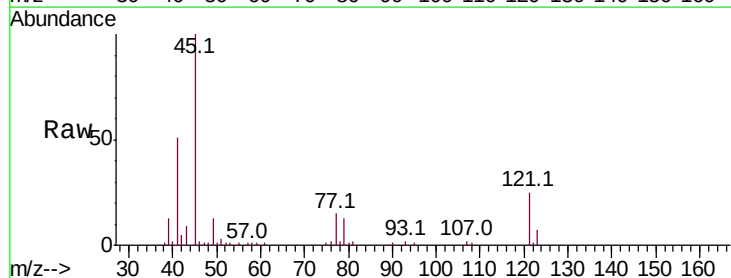
Instrument :
BNA_G
ClientSampled :

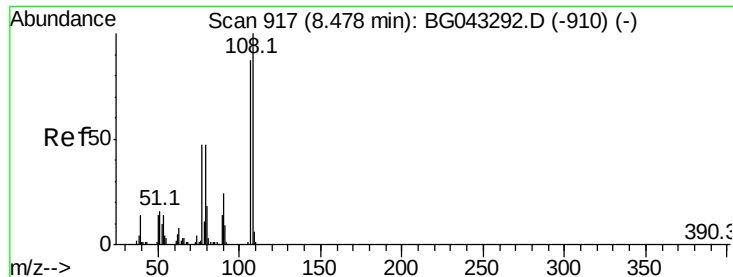
Tot Ion	Ratio	Lower	Upper
79	100		
108	73.6	57.3	85.9
77	64.9	54.6	81.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.492 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	34.2
79	12.8	0.0	32.3





#17

2-Methylphenol

Concen: 49.016 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 80598

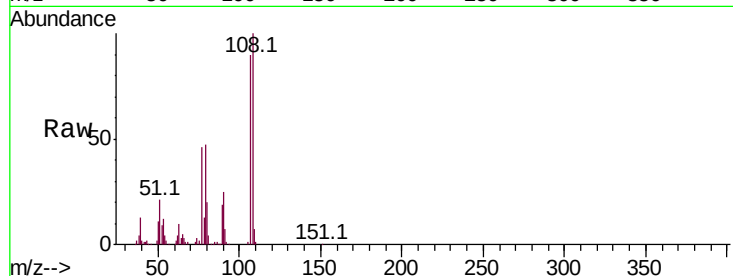
Ion Ratio Lower Upper

107 100

108 111.5 91.3 136.9

77 51.6 43.0 64.6

79 52.2 43.4 65.2

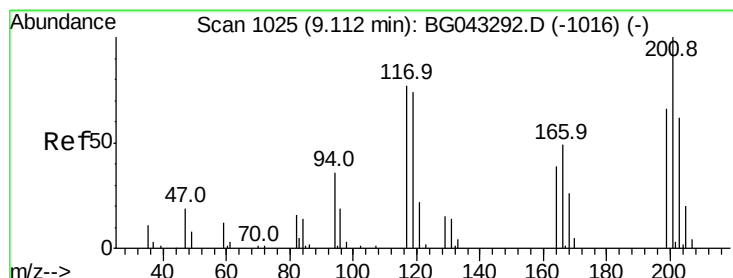
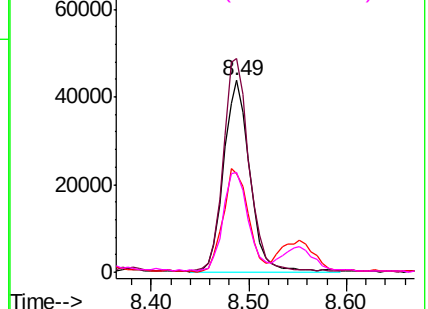
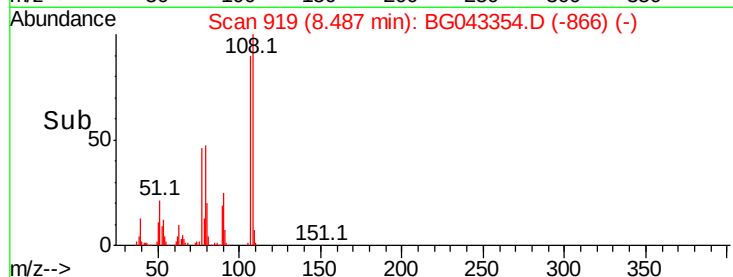


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.425 ng

RT: 9.10 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

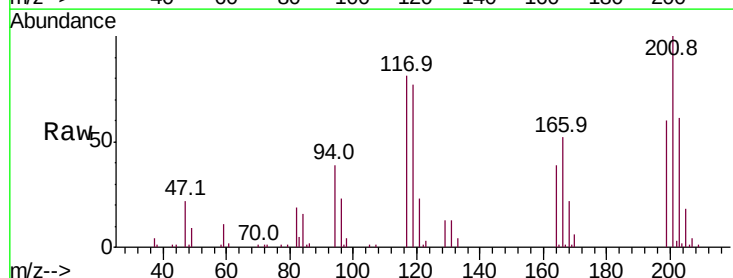
Tgt Ion:117 Resp: 37613

Ion Ratio Lower Upper

117 100

119 95.1 77.3 115.9

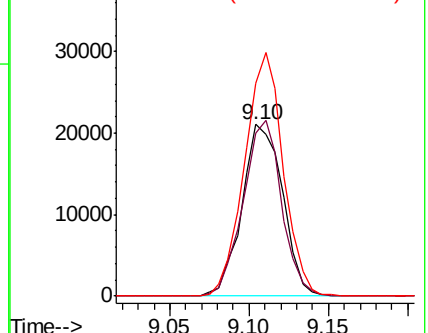
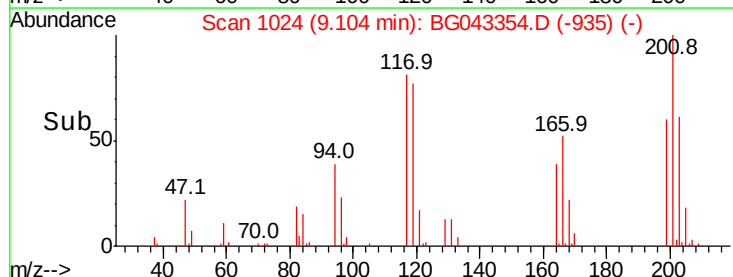
201 123.9 104.2 156.4

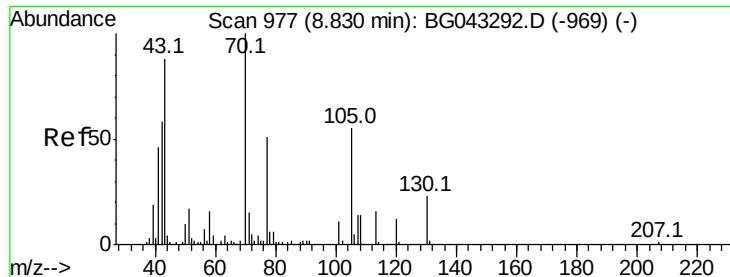


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

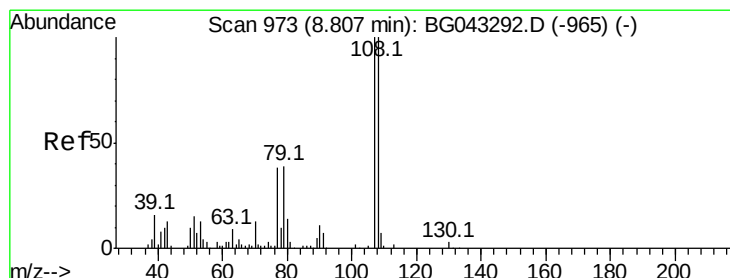
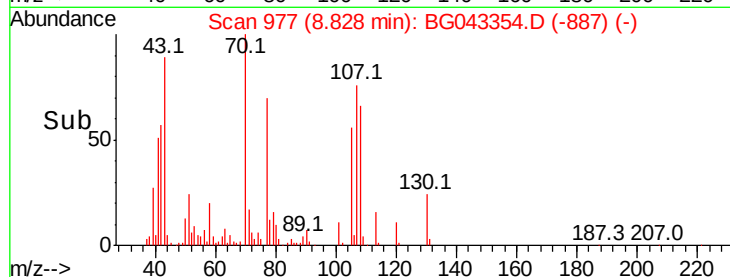
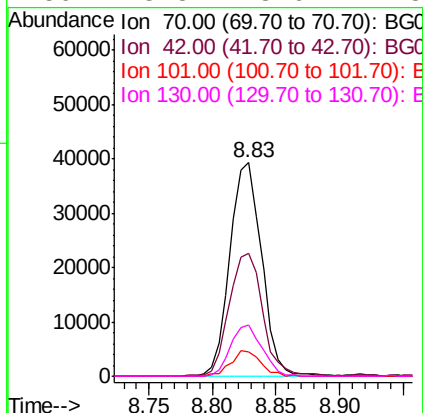
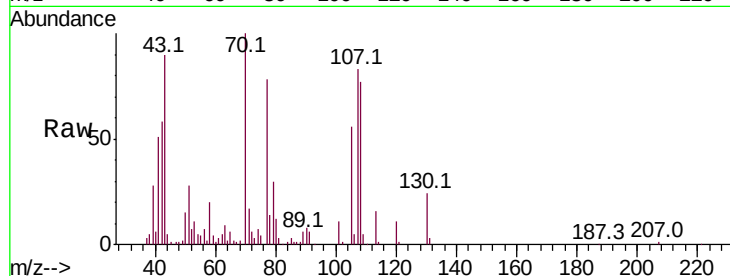




#19
n-Nitroso-di-n-propylamine
Concen: 42.737 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

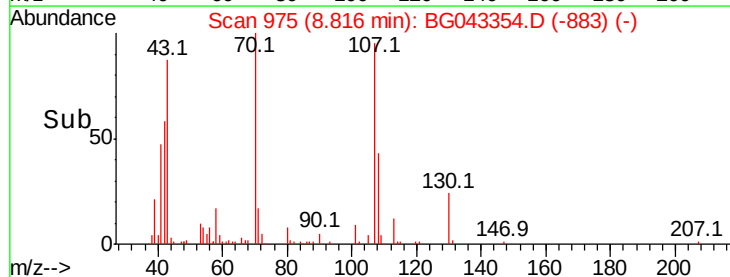
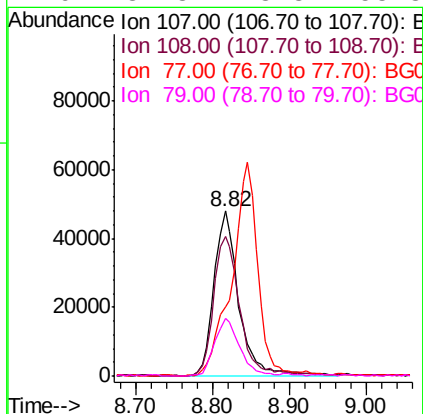
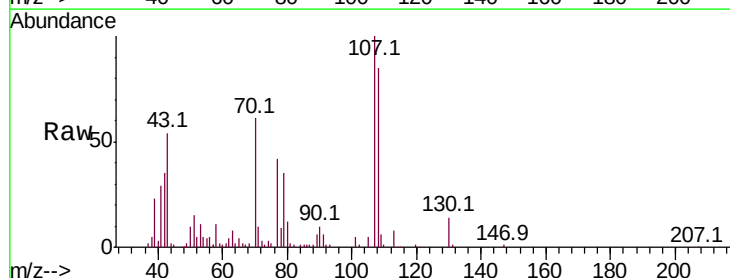
Instrument :
BNA_G
ClientSampled :

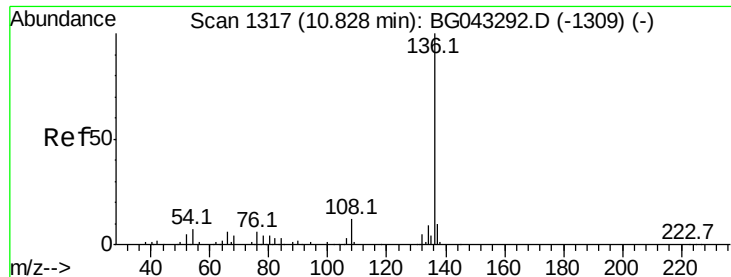
Tot Ion:	70	Resp:	68166
Ion	Ratio	Lower	Upper
70	100		
42	57.8	46.2	69.2
101	11.2	8.6	13.0
130	23.8	18.6	27.8



#20
3+4-Methylphenols
Concen: 47.499 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion:	107	Resp:	107100
Ion	Ratio	Lower	Upper
107	100		
108	84.6	80.3	120.3
77	42.2	18.2	58.2
79	34.8	18.8	58.8

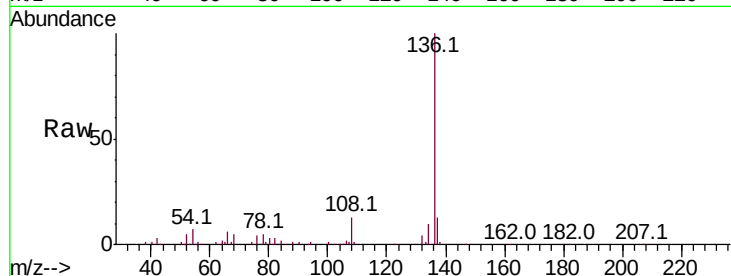




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	128085
Ion Ratio	Lower	Upper
136	100	
137	12.6	8.2 12.2#
54	7.3	5.4 8.2
68	4.5	3.3 4.9



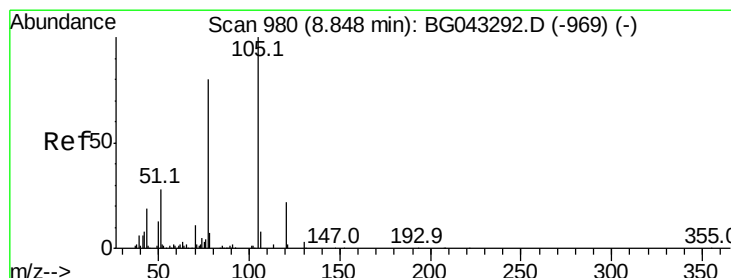
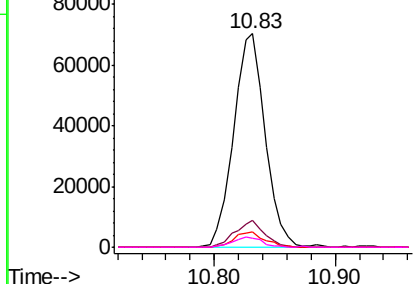
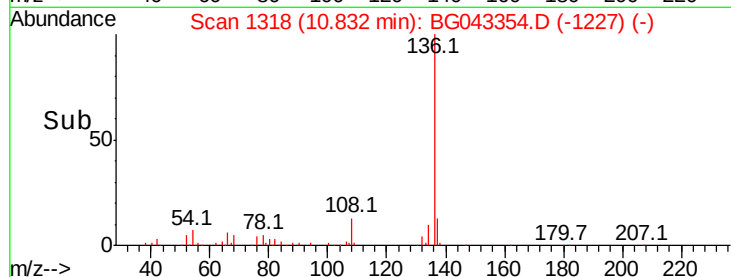
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

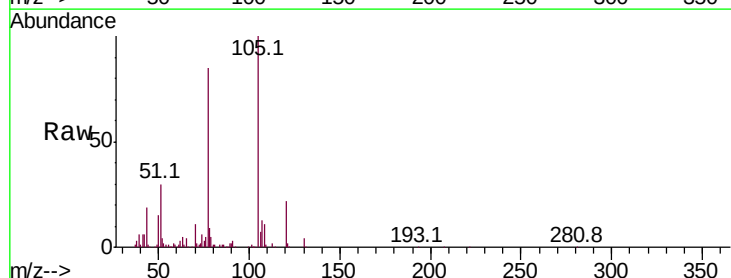
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.083 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion:105	Resp:	134757
Ion Ratio	Lower	Upper
105	100	
71	1.8	1.5 2.3
51	29.5	23.9 35.9
120	21.7	17.3 25.9



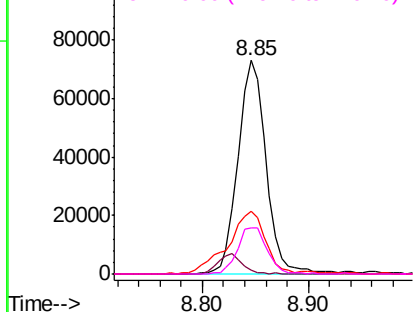
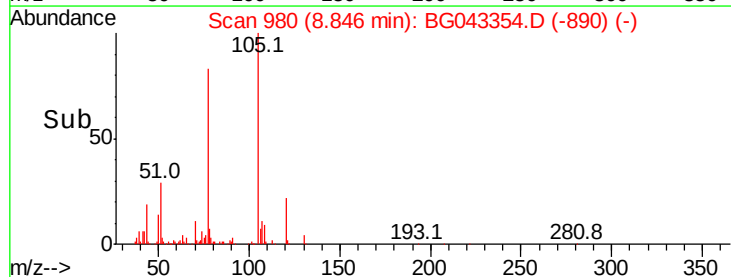
Abundance

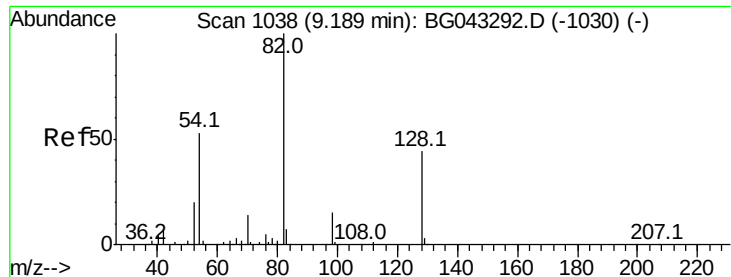
Ion 105.00 (104.70 to 105.70): E

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

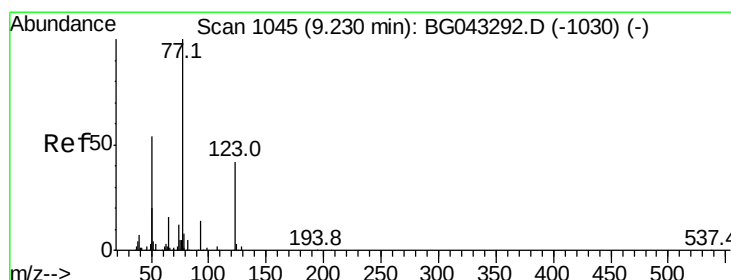
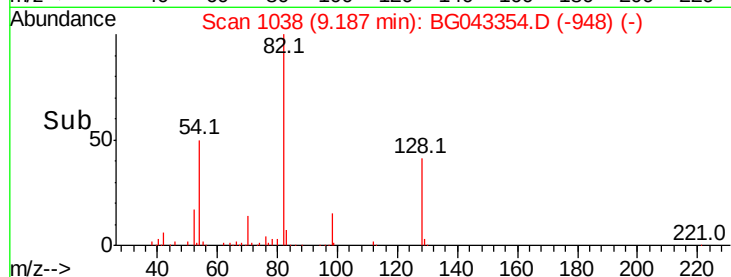
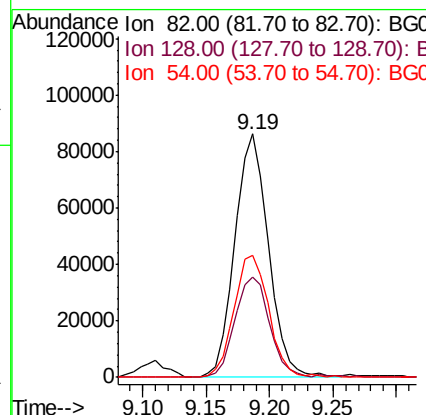
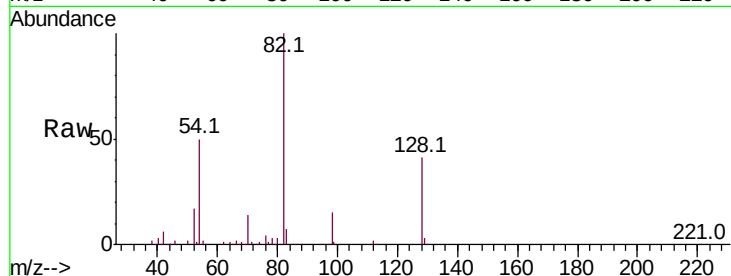




#23
 Nitrobenzene-d5
 Concen: 63.168 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

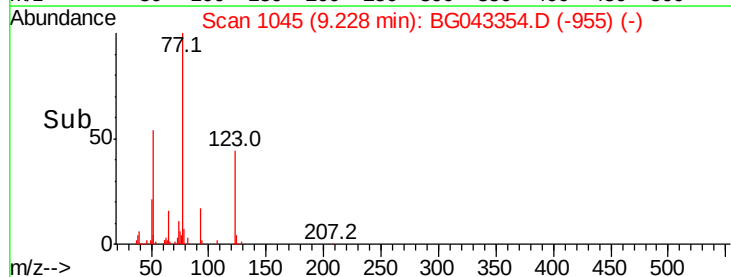
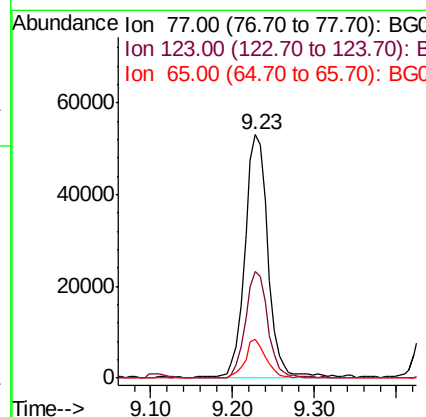
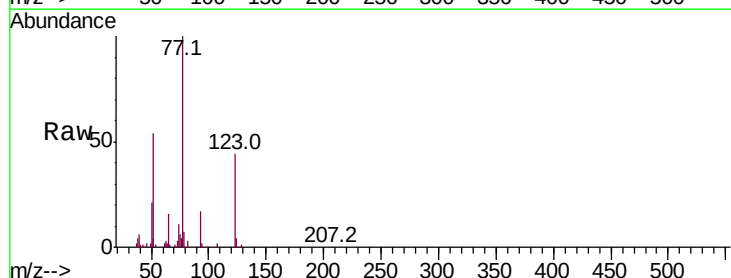
Instrument :
 BNA_G
 ClientSampled :

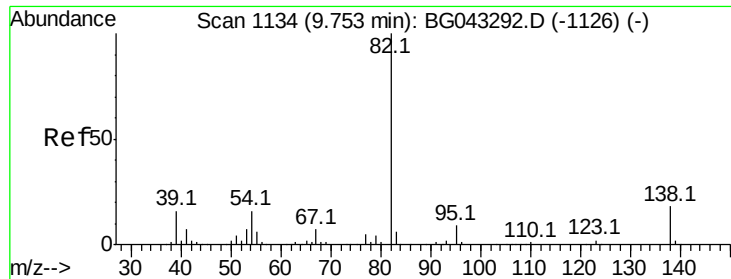
Tot Ion: 82 Resp: 156938
 Ion Ratio Lower Upper
 82 100
 128 41.3 35.3 52.9
 54 50.2 42.3 63.5



#24
 Nitrobenzene
 Concen: 44.421 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Tgt Ion: 77 Resp: 105132
 Ion Ratio Lower Upper
 77 100
 123 44.0 33.8 50.8
 65 16.2 13.0 19.4





#25

Isophorone

Concen: 42.579 ng

RT: 9.74 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

ClientSampleId :

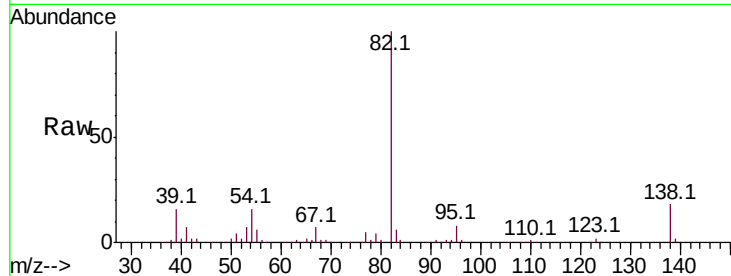
Tot Ion: 82 Resp: 193407

Ion Ratio Lower Upper

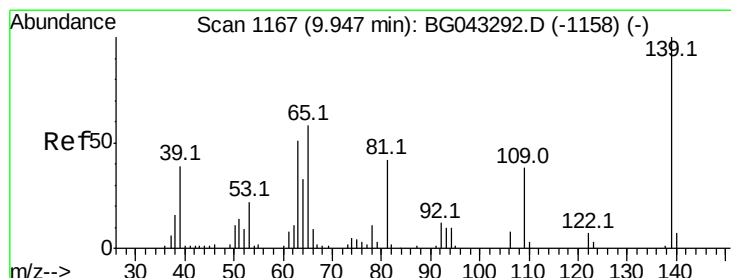
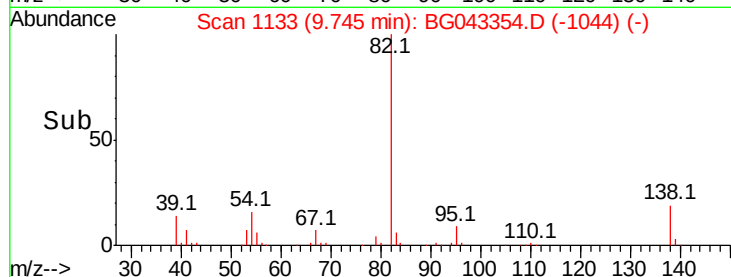
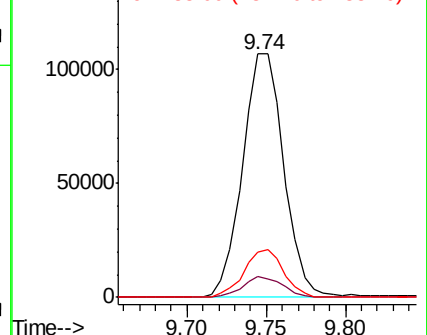
82 100

95 8.5 6.9 10.3

138 18.3 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: 47.629 ng

RT: 9.94 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

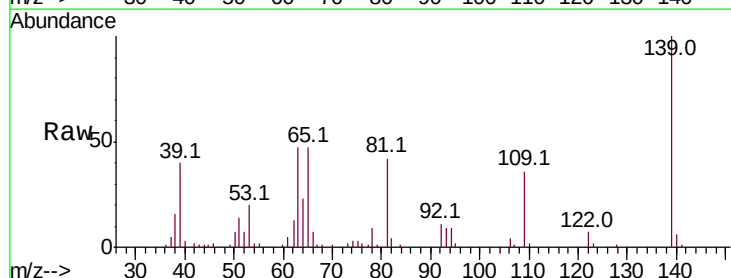
Tgt Ion:139 Resp: 54421

Ion Ratio Lower Upper

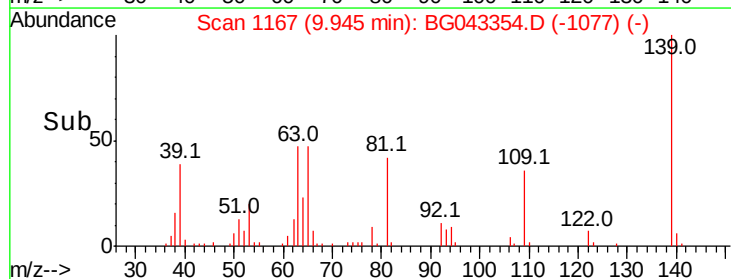
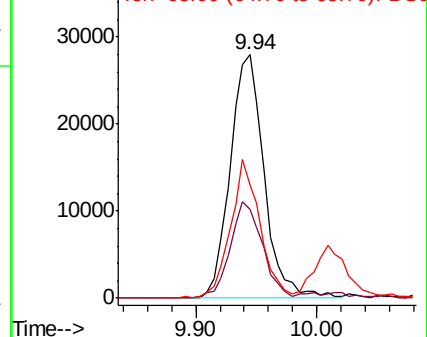
139 100

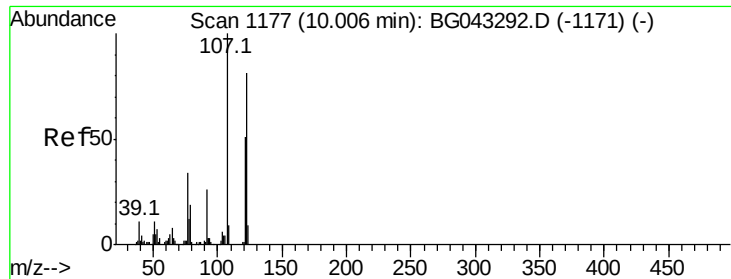
109 36.3 30.1 45.1

65 46.7 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

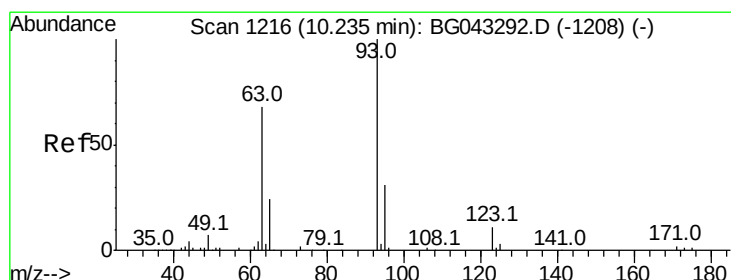
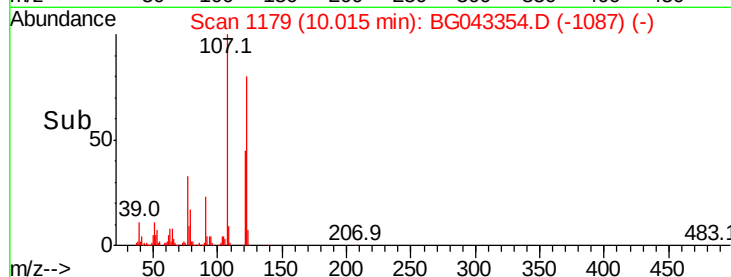
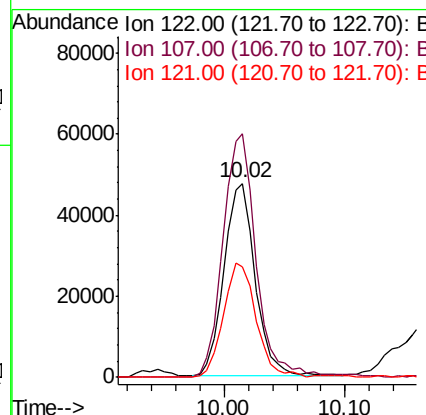
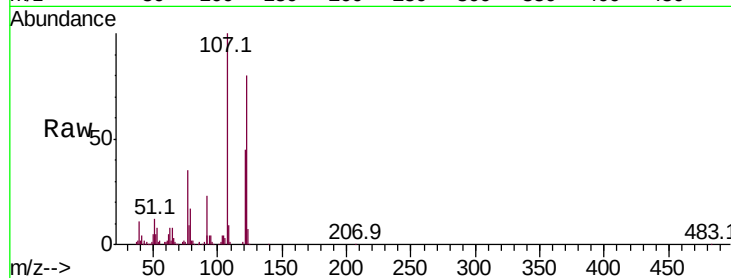




#27
 2,4-Dimethylphenol
 Concen: 52.133 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

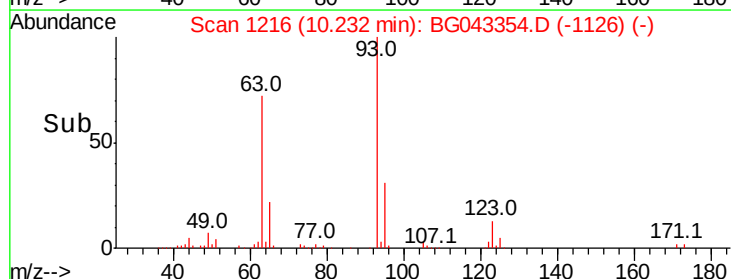
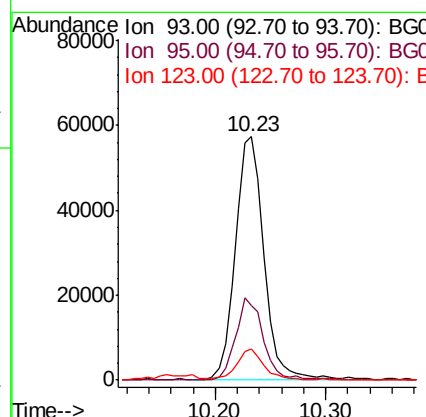
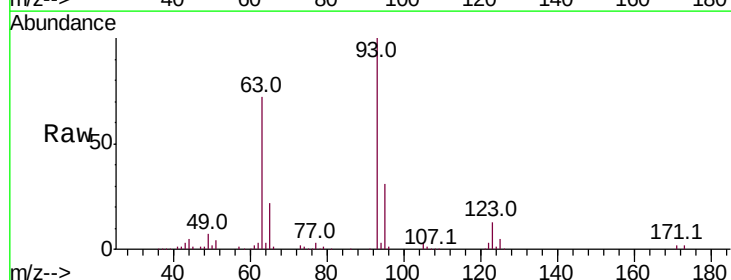
Instrument :
 BNA_G
 ClientSampleId :

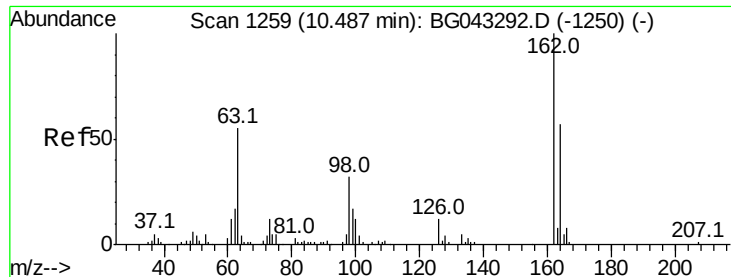
Tot Ion:122 Resp: 85377
 Ion Ratio Lower Upper
 122 100
 107 125.6 98.6 147.8
 121 57.0 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.160 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Tgt Ion: 93 Resp: 103186
 Ion Ratio Lower Upper
 93 100
 95 30.5 24.9 37.3
 123 12.8 8.9 13.3

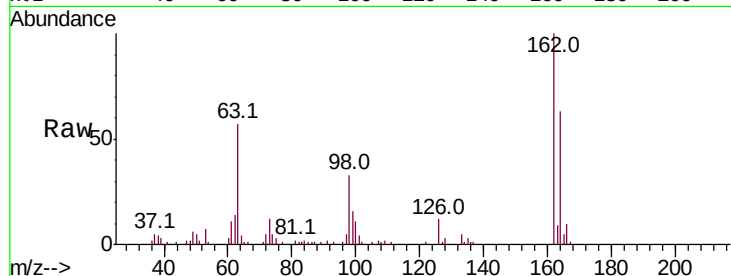




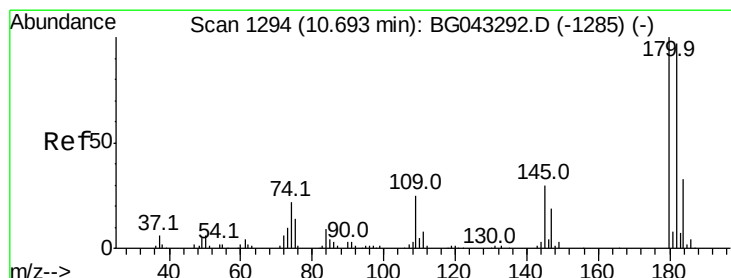
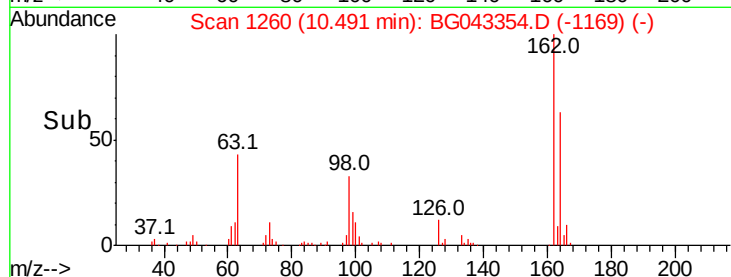
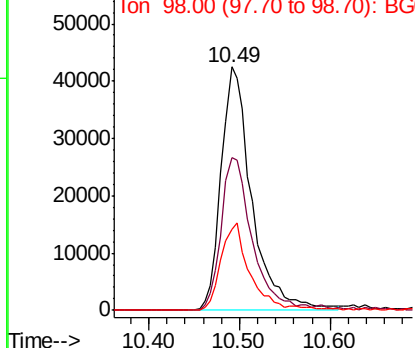
#29
 2,4-Dichlorophenol
 Concen: 47.495 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	37.3	77.3
98	33.5	11.8	51.8

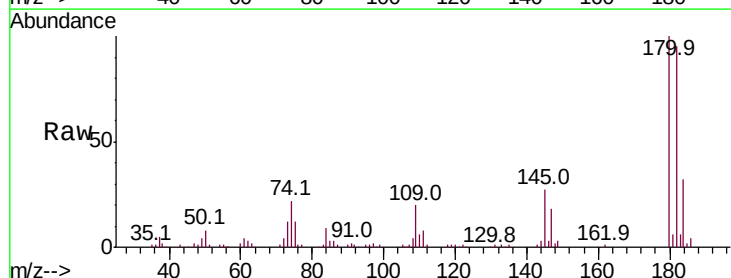


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

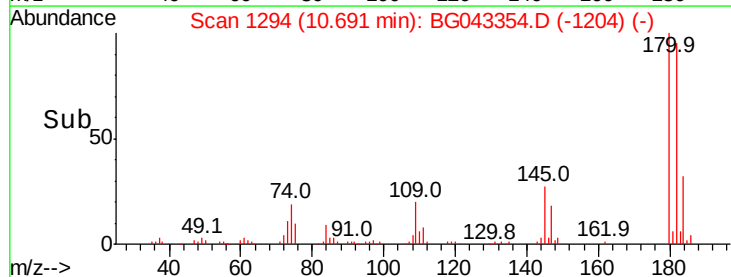
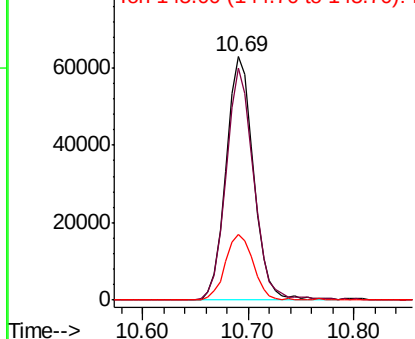


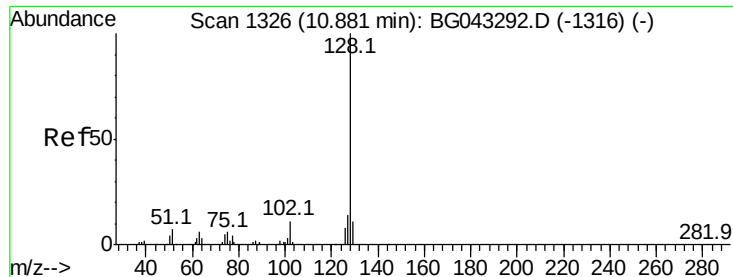
#30
 1,2,4-Trichlorobenzene
 Concen: 42.660 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.8	116.8
145	27.2	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

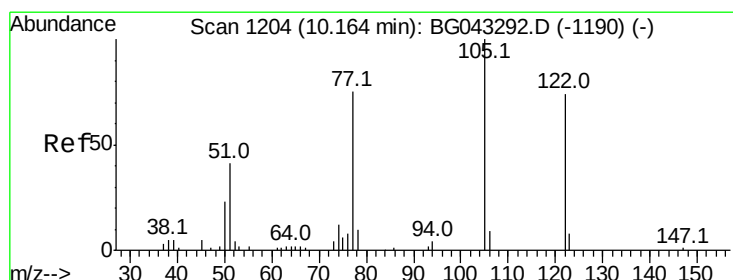
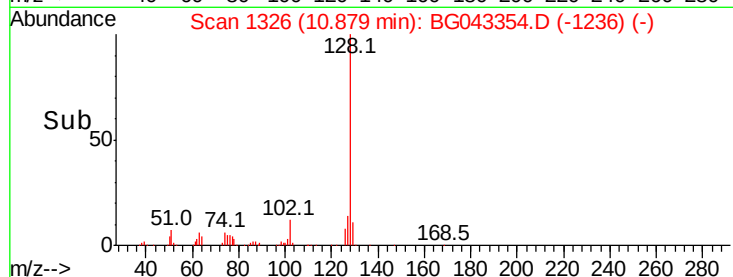
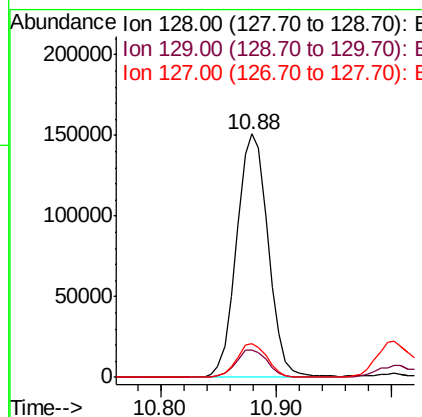
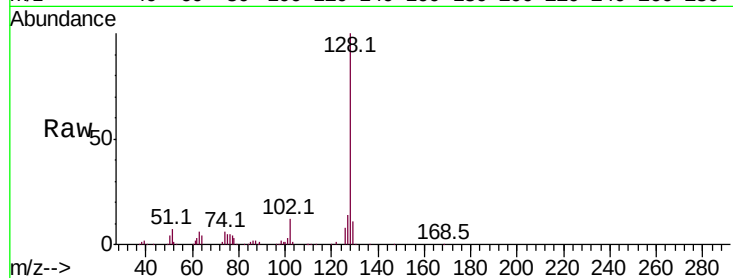




#31
Naphthalene
Concen: 43.865 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

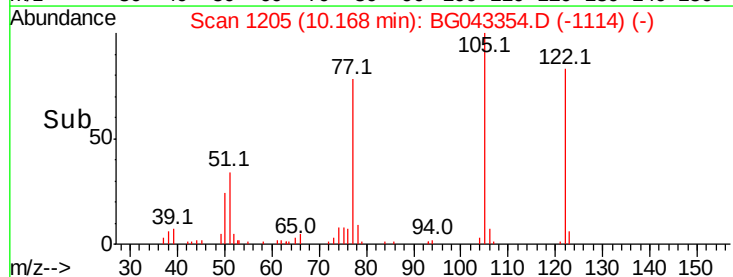
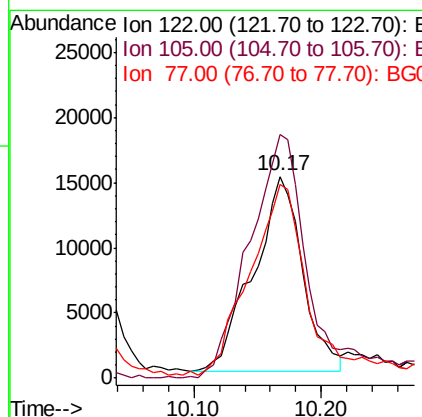
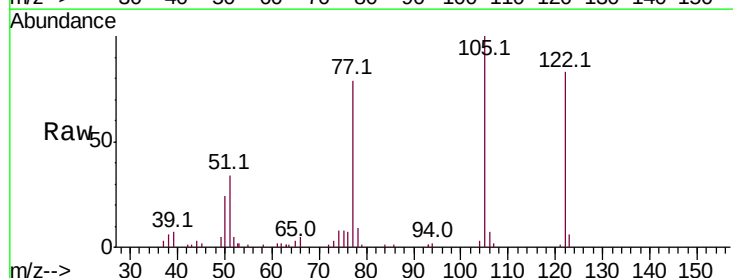
Instrument :
BNA_G
ClientSampleId :

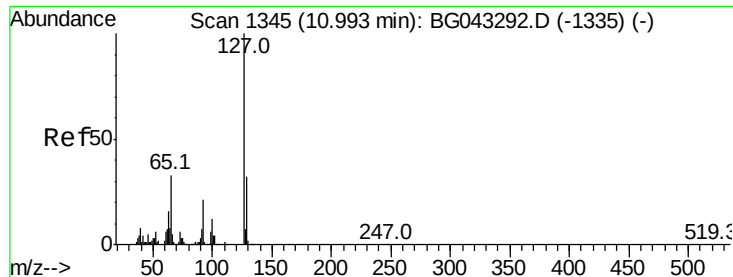
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.7	11.5	17.3



#32
Benzoic acid
Concen: 35.204 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.8	112.4	152.4
77	95.8	82.7	122.7

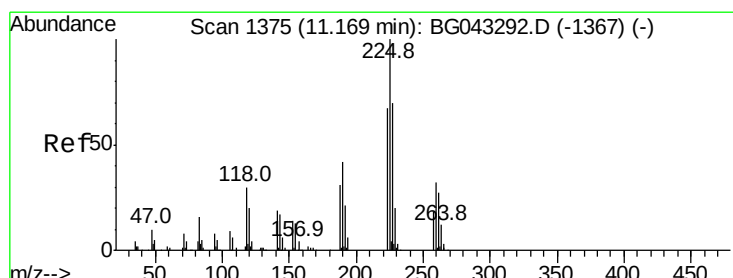
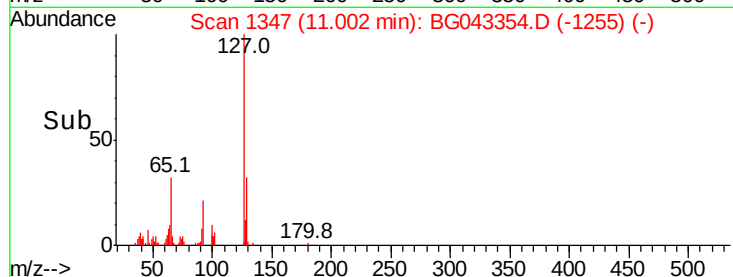
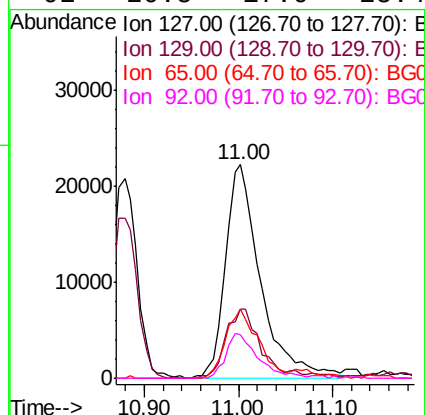
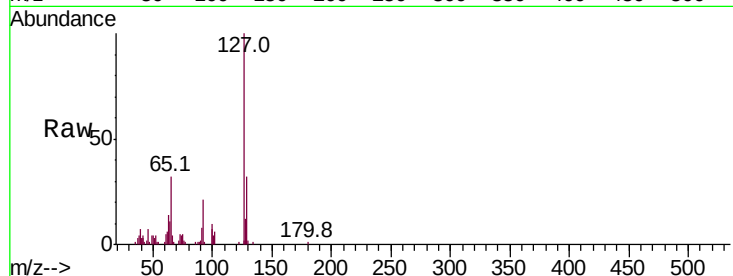




#33
4-Chloroaniline
Concen: 21.637 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

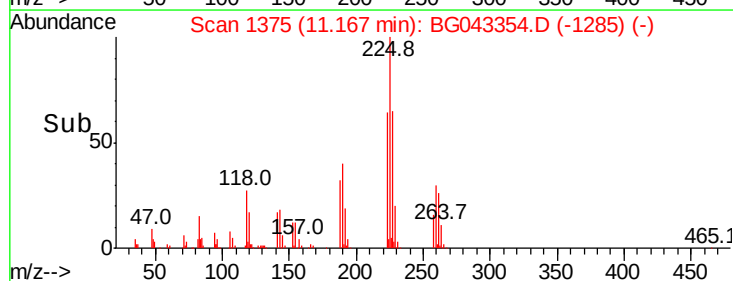
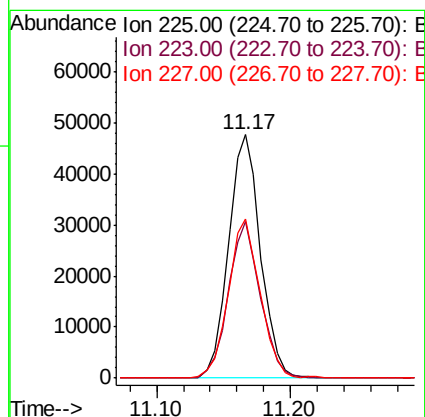
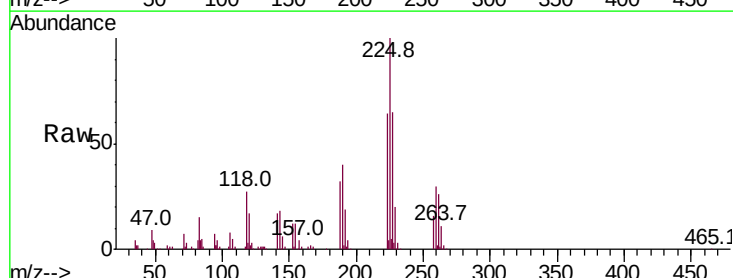
Instrument :
BNA_G
ClientSampleId :

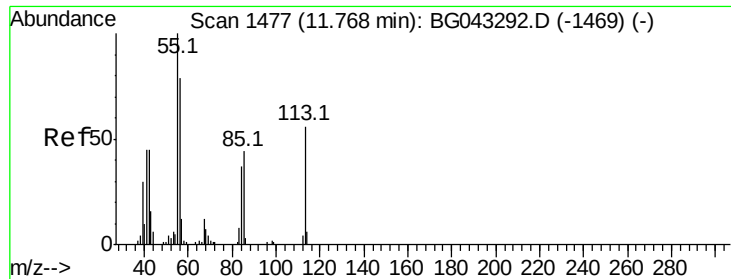
Tot Ion:127	Resp:	57665
Ion	Ratio	Lower Upper
127	100	
129	32.2	25.8 38.8
65	32.2	26.2 39.2
92	20.5	17.0 25.4



#34
Hexachlorobutadiene
Concen: 40.624 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion:225	Resp:	79419
Ion	Ratio	Lower Upper
225	100	
223	64.3	53.2 79.8
227	65.4	56.2 84.2





#35

Caprolactam

Concen: 39.012 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

ClientSampleId :

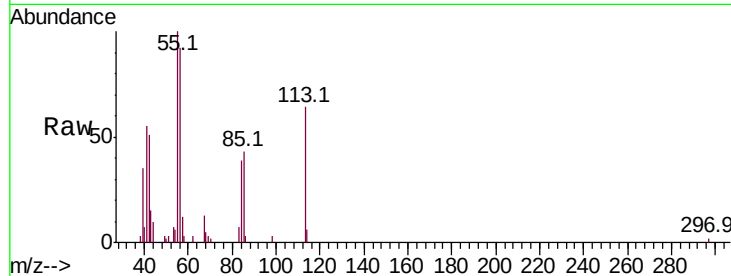
Tot Ion:113 Resp: 28193

Ion Ratio Lower Upper

113 100

55 156.1 158.9 198.9#

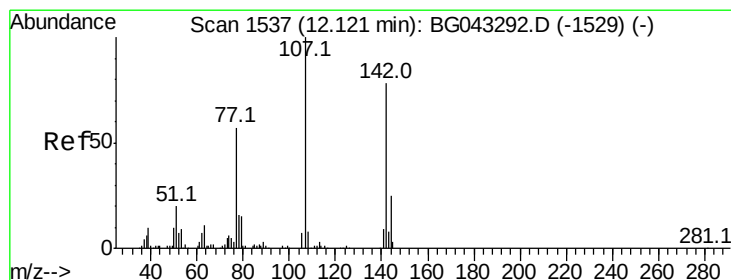
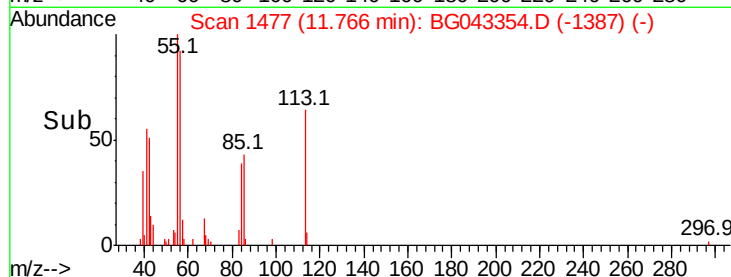
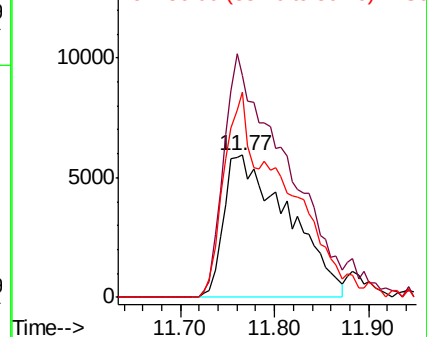
56 144.2 121.4 161.4



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: 45.668 ng

RT: 12.13 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

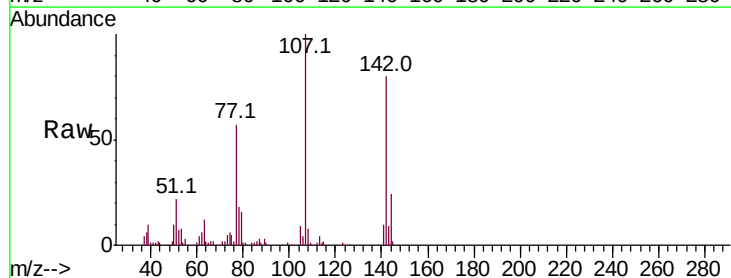
Tgt Ion:107 Resp: 104525

Ion Ratio Lower Upper

107 100

144 23.9 19.9 29.9

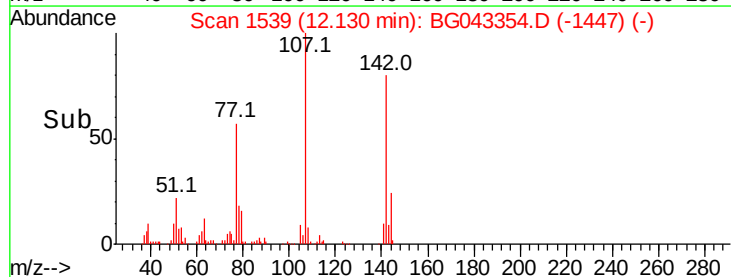
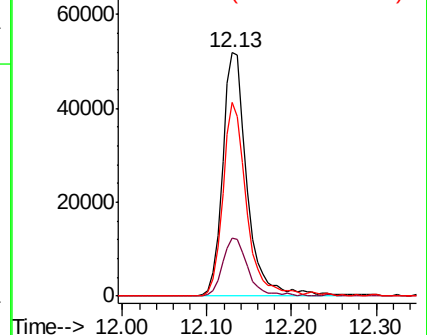
142 79.6 62.1 93.1

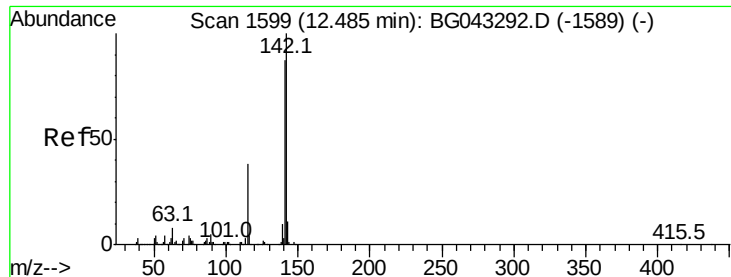


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

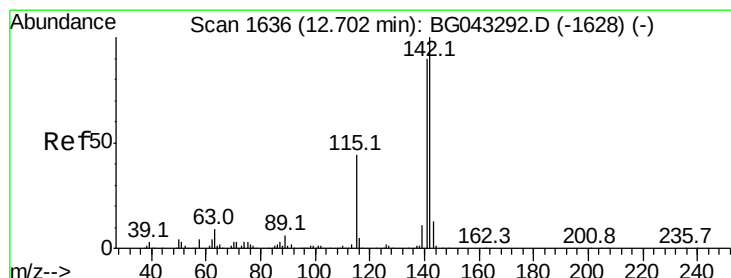
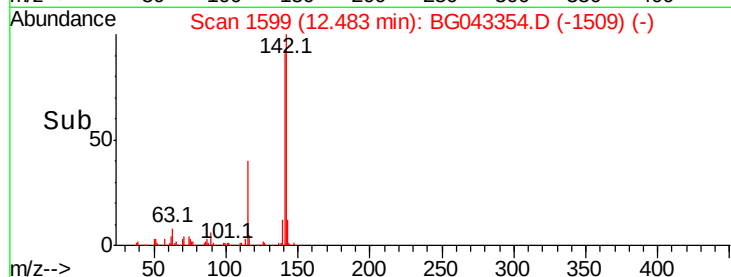
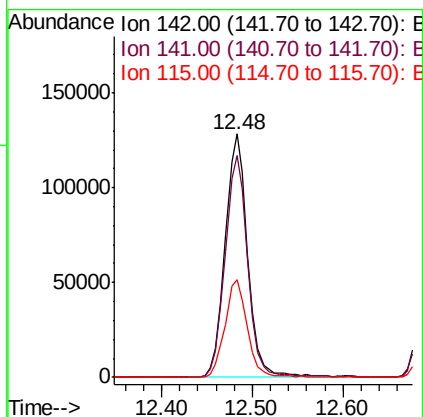
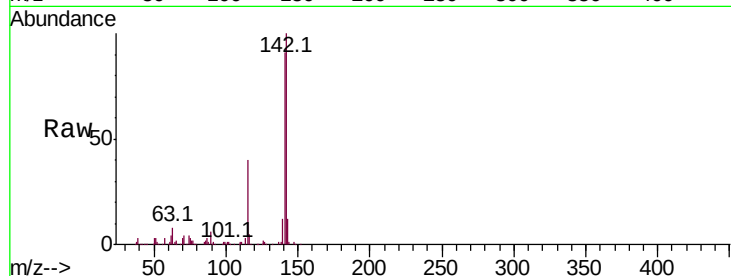




#37
2-Methylnaphthalene
Concen: 44.372 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

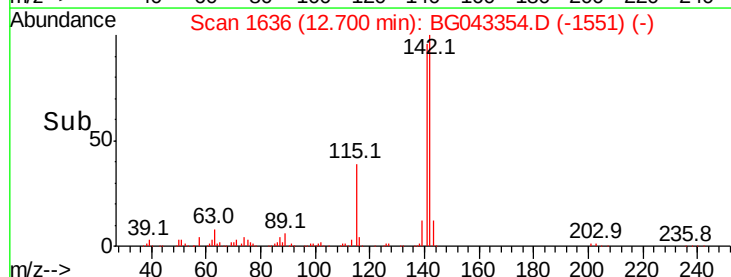
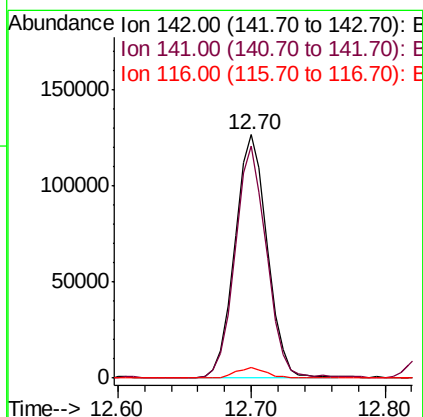
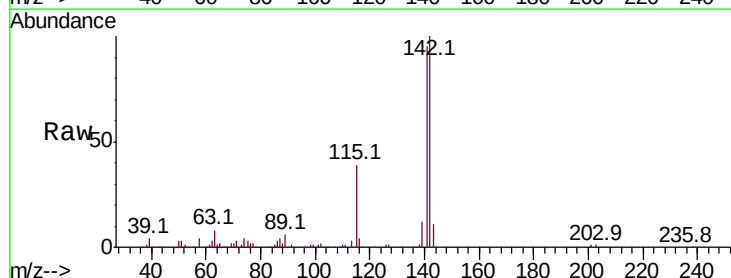
Instrument :
BNA_G
ClientSampleId :

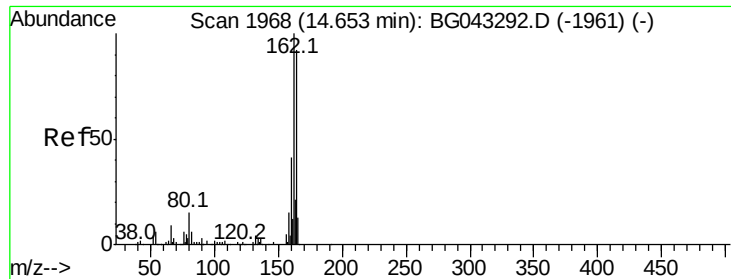
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	69.7	104.5
115	40.4	30.6	46.0



#38
1-Methylnaphthalene
Concen: 44.553 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	72.3	108.5
116	4.1	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: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

ClientSampleId :

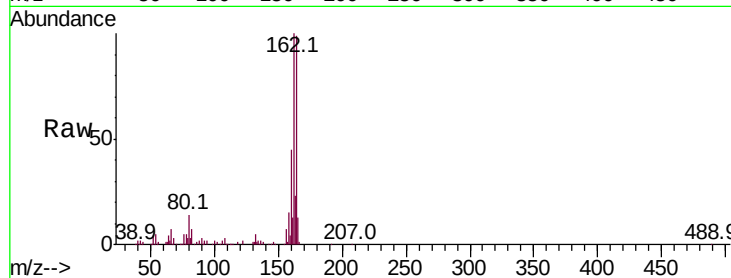
Tot Ion:164 Resp: 102412

Ion Ratio Lower Upper

164 100

162 100.6 87.0 130.4

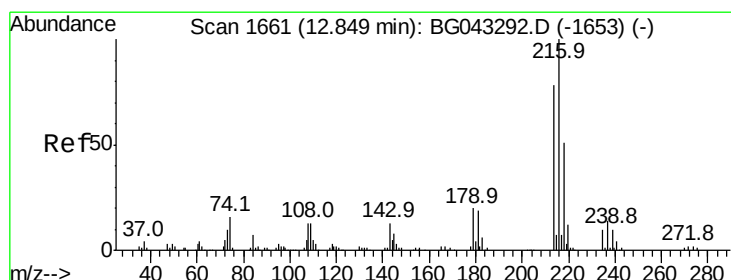
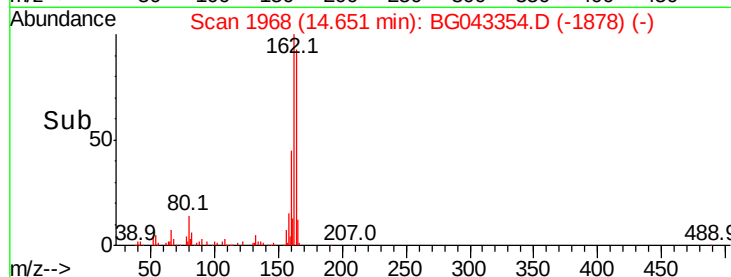
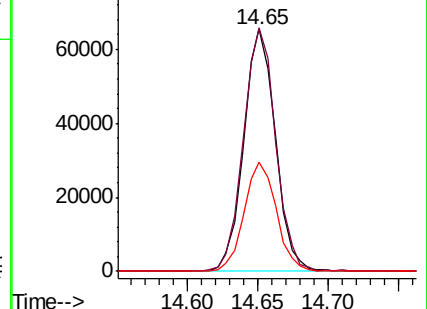
160 45.0 35.5 53.3



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: 37.192 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Tgt Ion:216 Resp: 140964

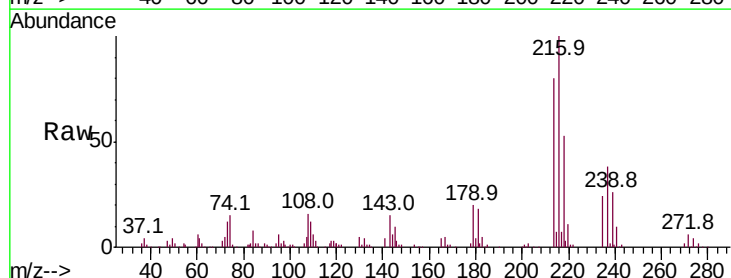
Ion Ratio Lower Upper

216 100

214 80.6 63.5 95.3

179 19.6 16.2 24.2

108 16.9 11.2 16.8#

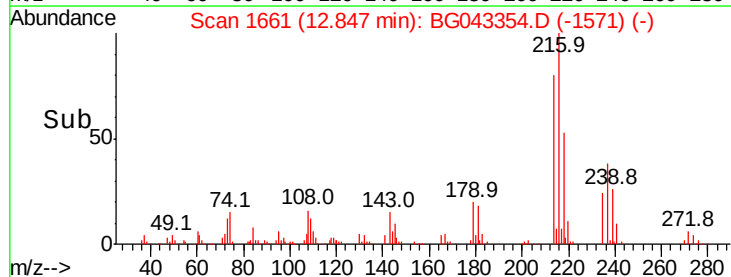
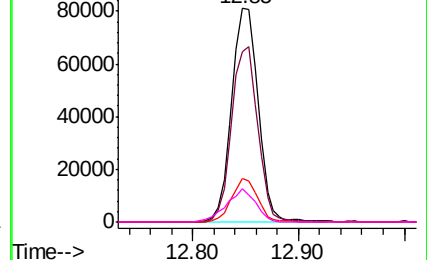


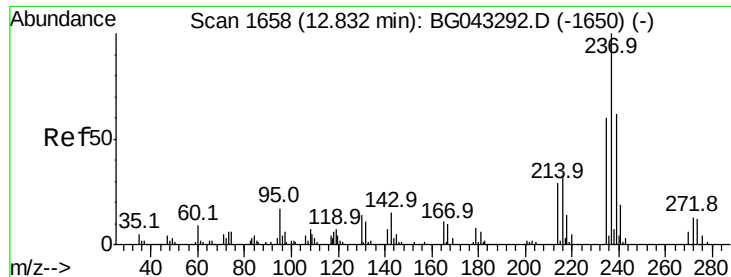
Abundance Ion 216.00 (215.70 to 216.70): E

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

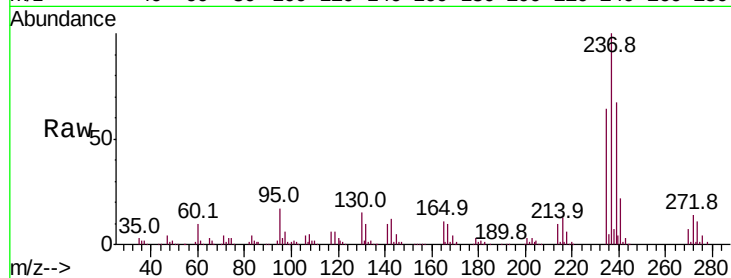




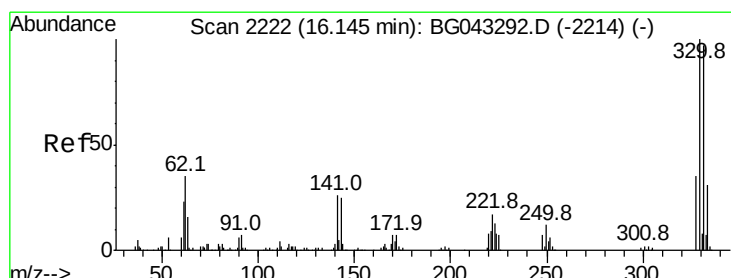
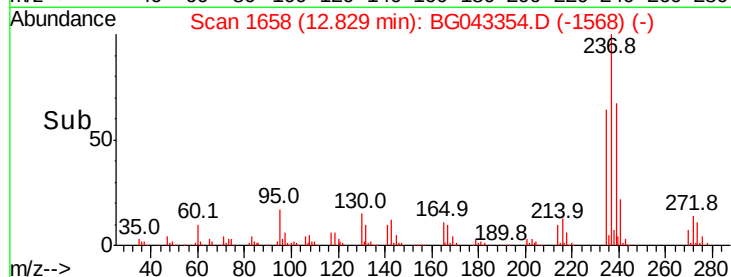
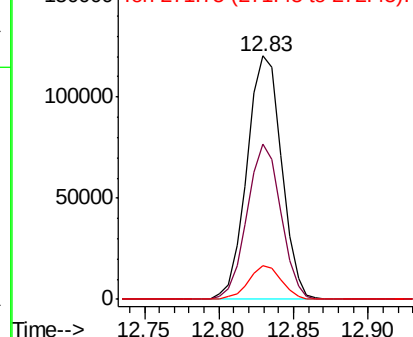
#41
Hexachlorocyclopentadiene
Concen: 96.756 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.5	40.3	80.3
272	13.8	0.0	32.9

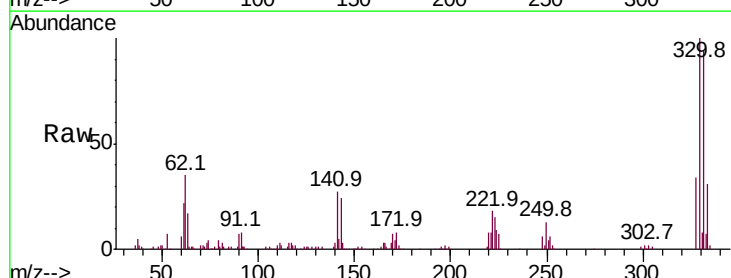


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

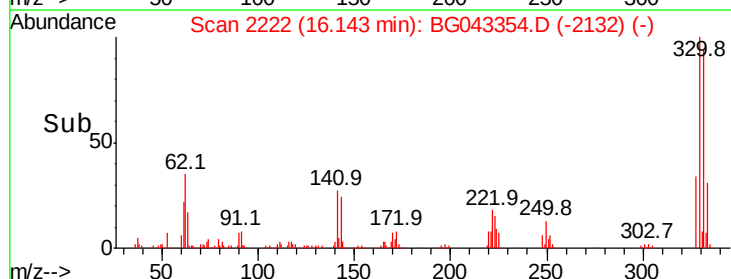
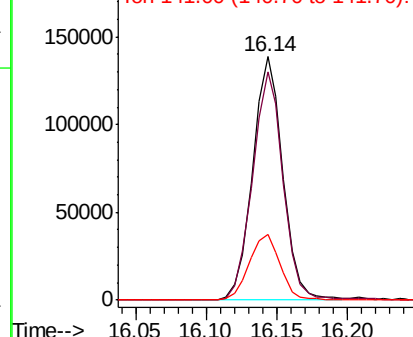


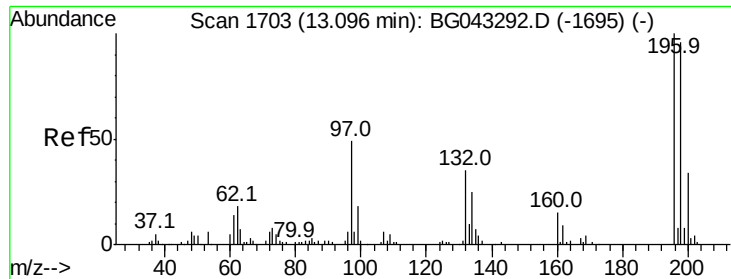
#42
2,4,6-Tribromophenol
Concen: 106.594 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.4	114.6
141	27.7	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

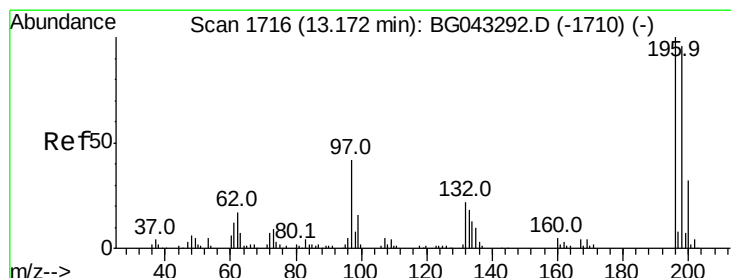
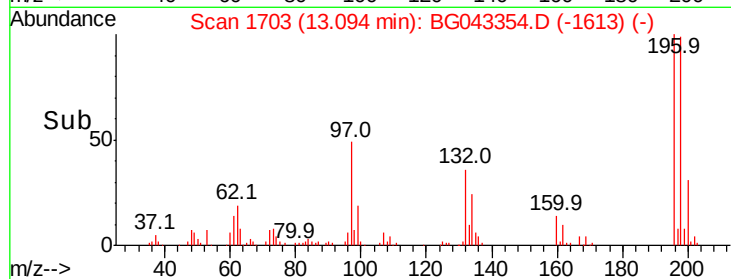
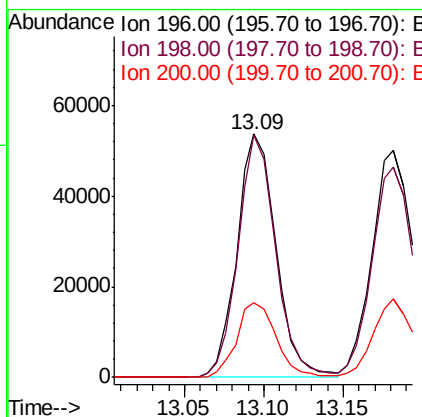
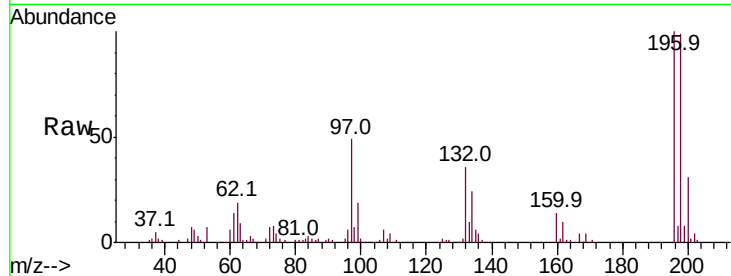




#43
 2,4,6-Trichlorophenol
 Concen: 41.099 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

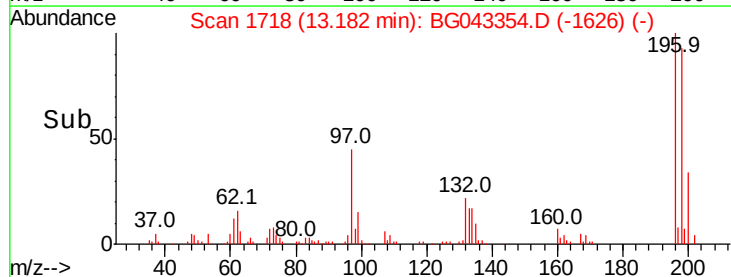
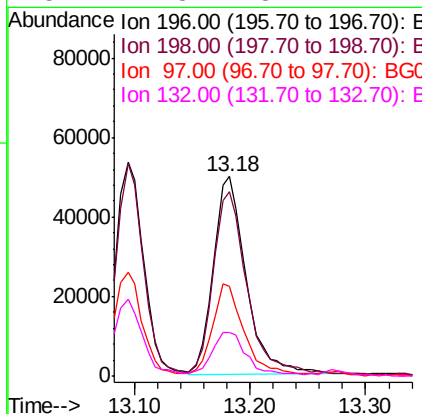
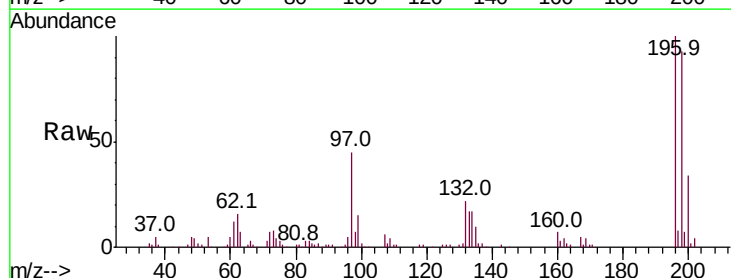
Instrument :
 BNA_G
 ClientSampled :

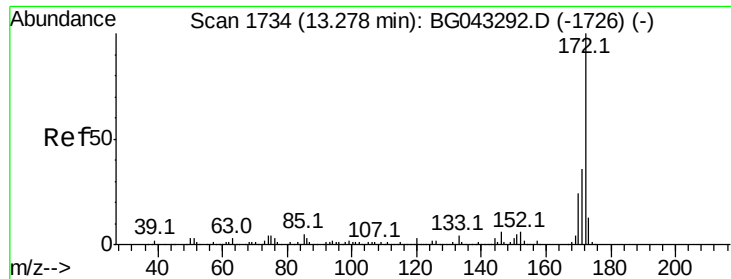
Tot Ion:196 Resp: 91734
 Ion Ratio Lower Upper
 196 100
 198 99.4 77.0 115.4
 200 30.6 27.4 41.2



#44
 2,4,5-Trichlorophenol
 Concen: 43.321 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Tgt Ion:196 Resp: 97755
 Ion Ratio Lower Upper
 196 100
 198 92.6 76.6 114.8
 97 44.8 34.1 51.1
 132 21.8 18.2 27.4

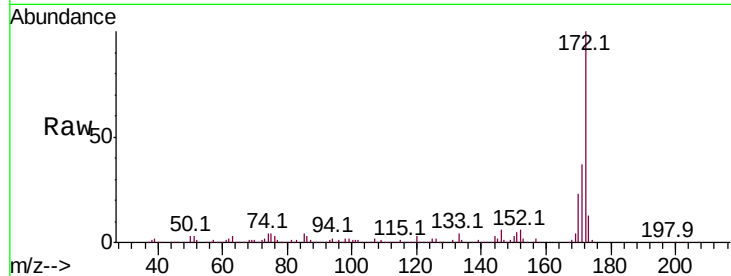




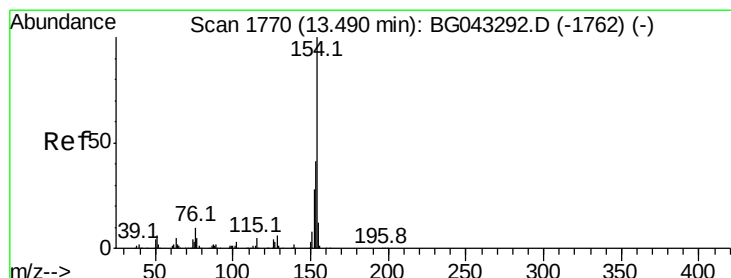
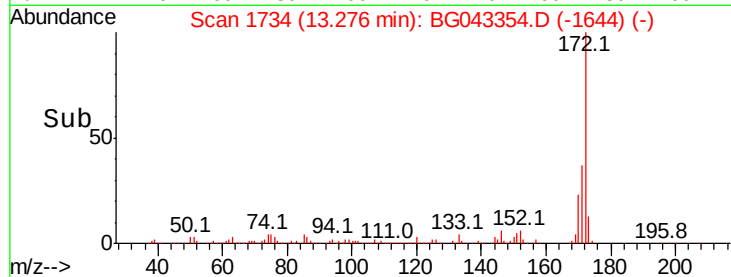
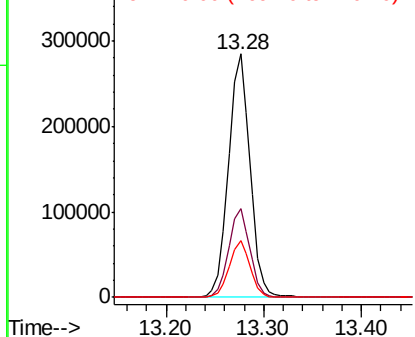
#45
2-Fluorobiphenyl
Concen: 58.711 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.5	42.7
170	23.3	18.8	28.2

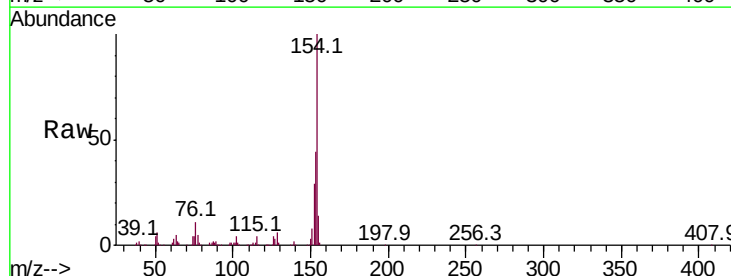


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

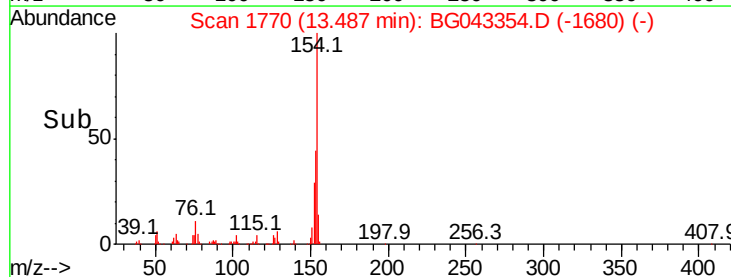
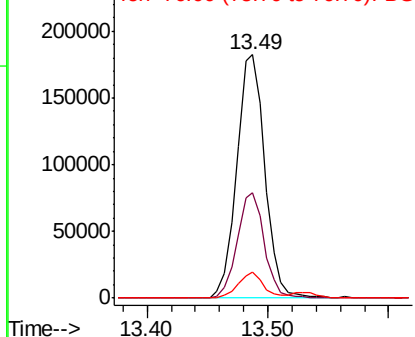


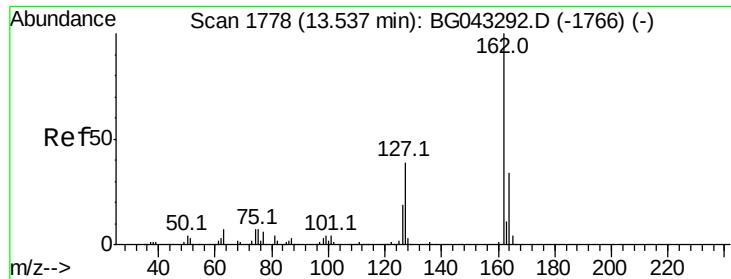
#46
1,1'-Biphenyl
Concen: 38.046 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	21.0	61.0
76	10.9	0.0	29.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

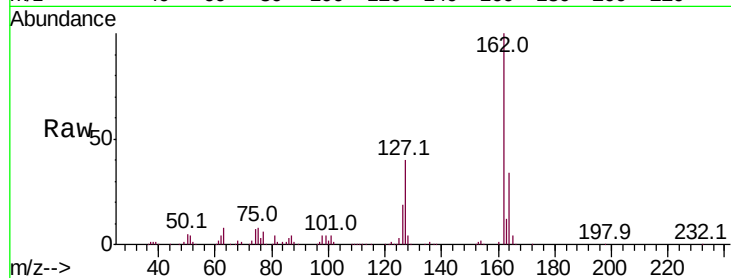




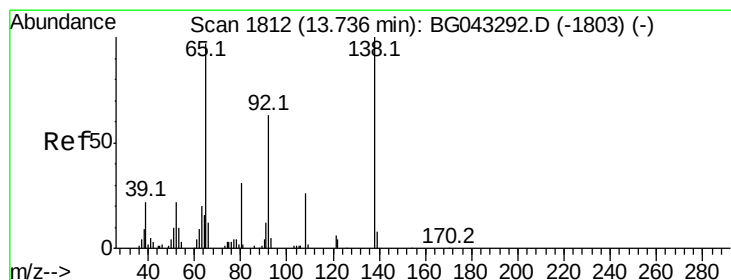
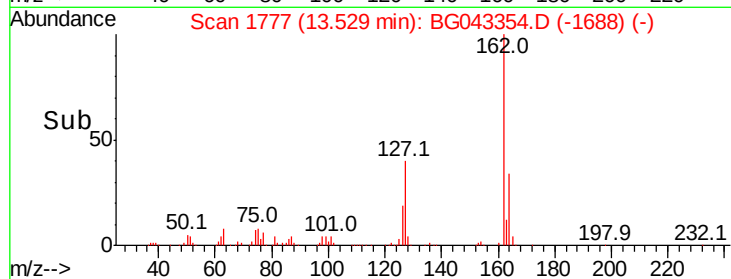
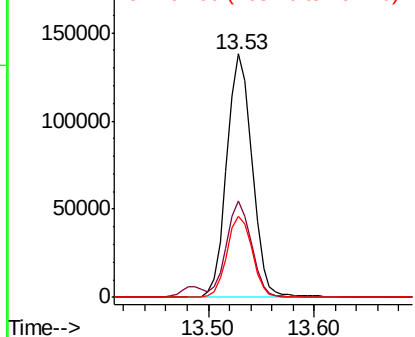
#47
2-Chloronaphthalene
Concen: 38.760 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	31.3	46.9
164	33.5	26.8	40.2

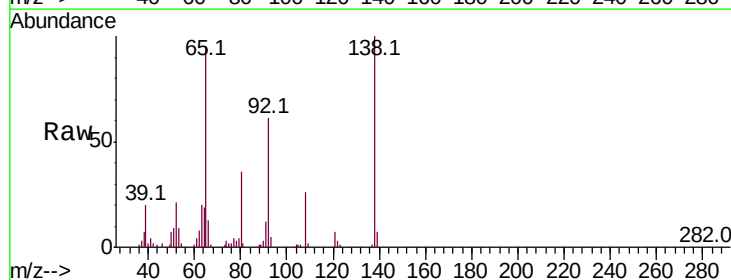


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

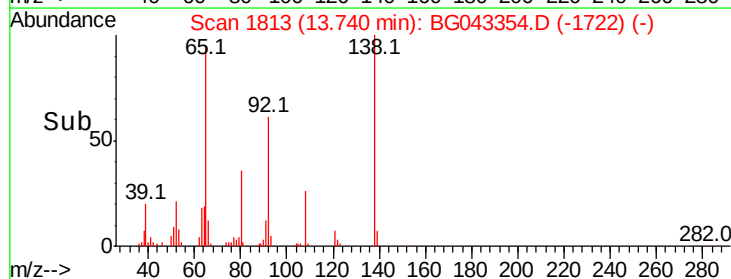
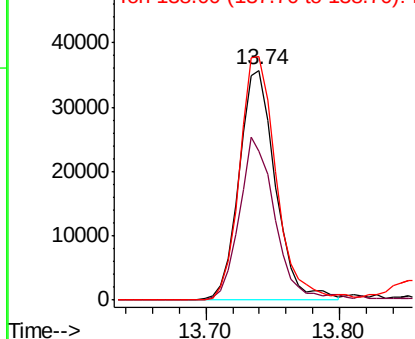


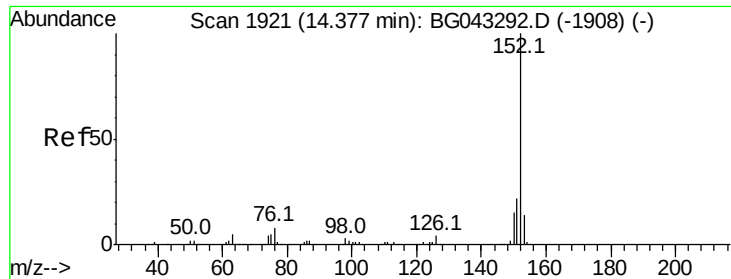
#48
2-Nitroaniline
Concen: 37.950 ng
RT: 13.74 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.8	52.6	79.0
138	105.8	82.9	124.3



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





#49

Acenaphthylene

Concen: 40.368 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

ClientSampleId :

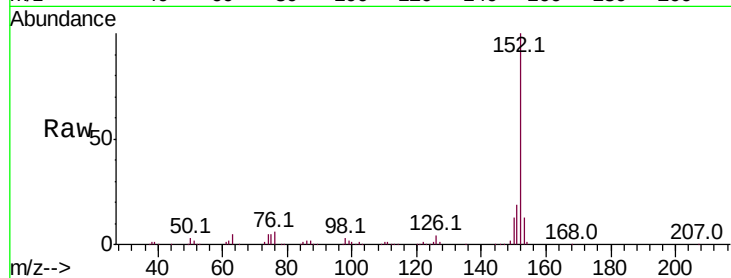
Tot Ion:152 Resp: 372431

Ion Ratio Lower Upper

152 100

151 19.1 17.2 25.8

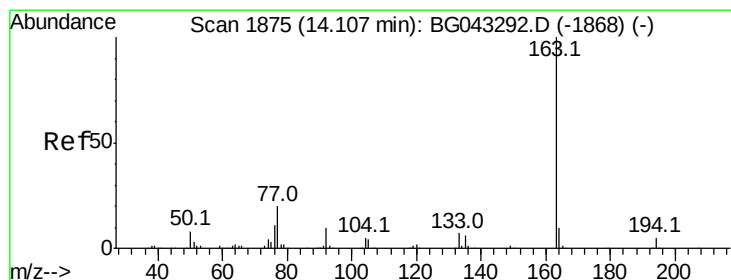
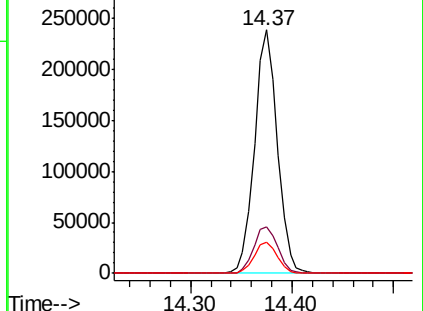
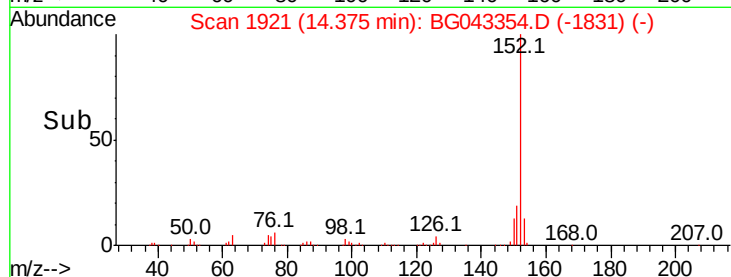
153 13.0 11.0 16.6



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: 38.613 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

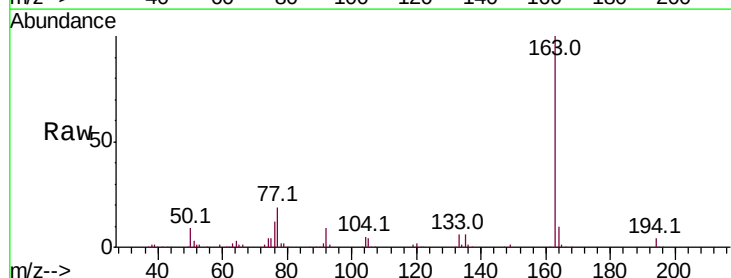
Tgt Ion:163 Resp: 306296

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

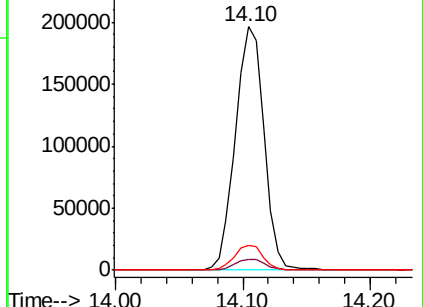
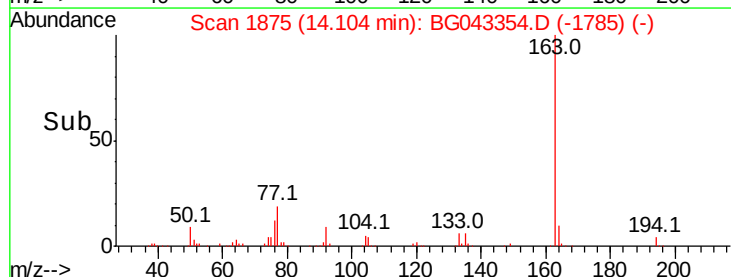
164 10.2 8.1 12.1

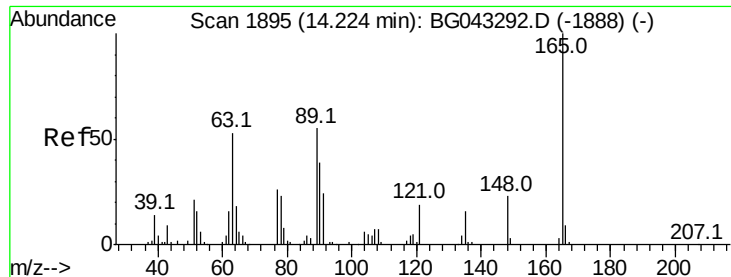


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

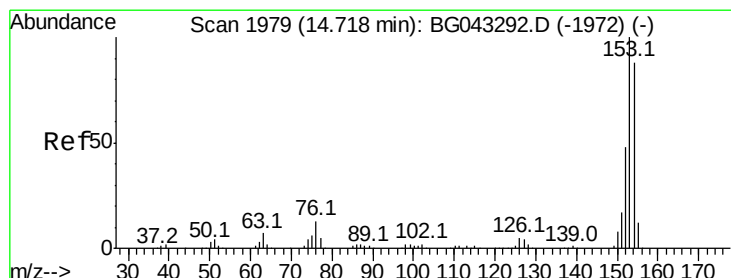
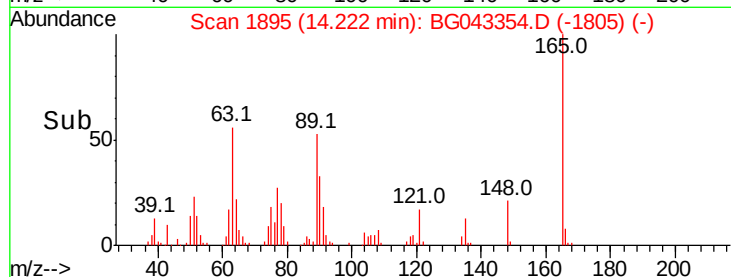
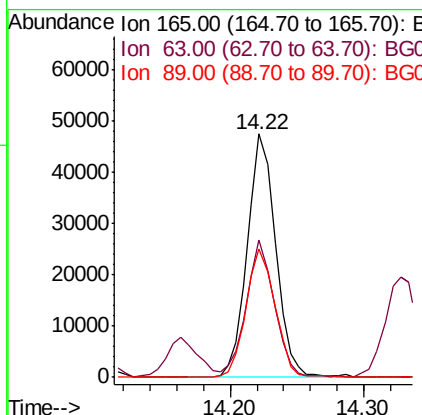
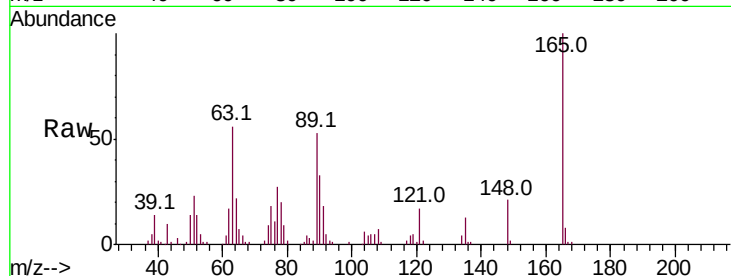




#51
2,6-Dinitrotoluene
Concen: 40.416 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

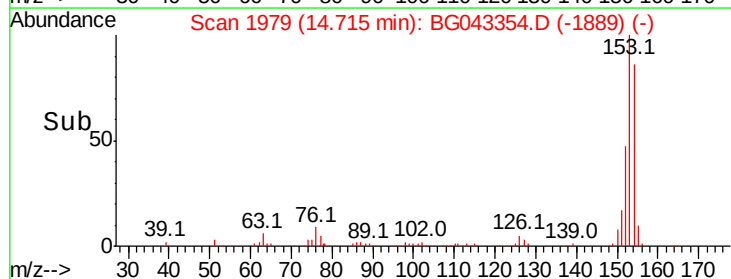
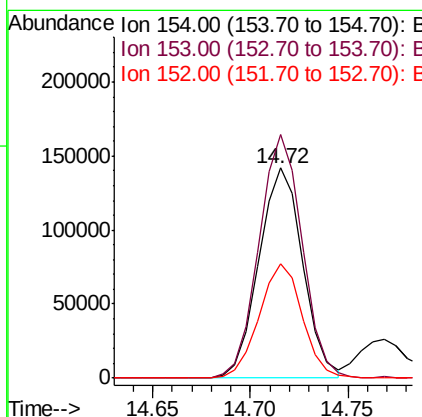
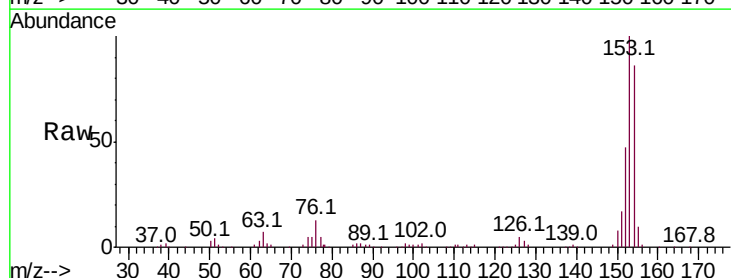
Instrument :
BNA_G
ClientSampled :

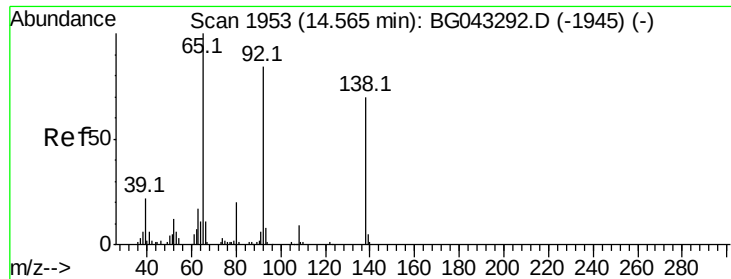
Tot Ion:165 Resp: 69649
Ion Ratio Lower Upper
165 100
63 56.4 47.1 70.7
89 52.8 43.7 65.5



#52
Acenaphthene
Concen: 39.162 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion:154 Resp: 220336
Ion Ratio Lower Upper
154 100
153 116.0 90.9 136.3
152 54.2 43.9 65.9

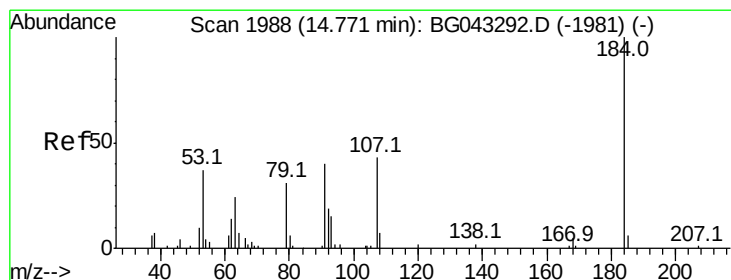
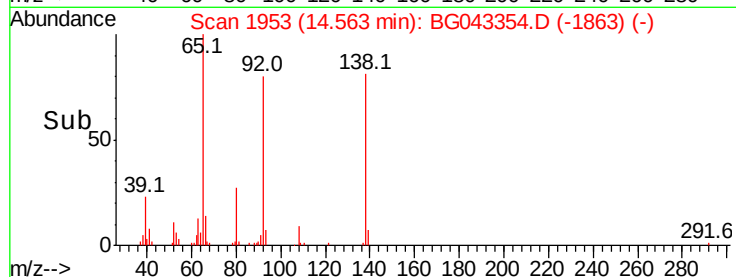
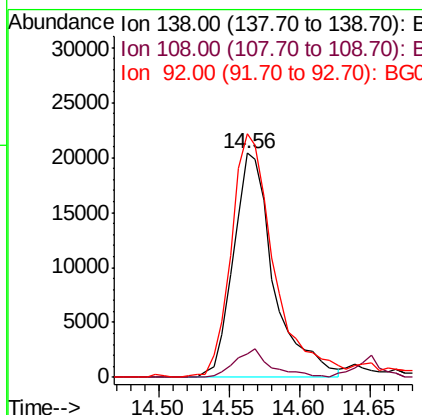
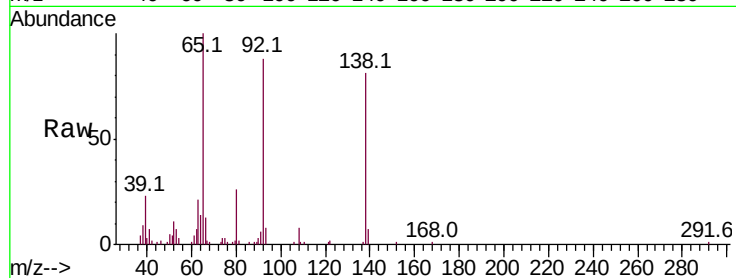




#53
3-Nitroaniline
Concen: 24.478 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

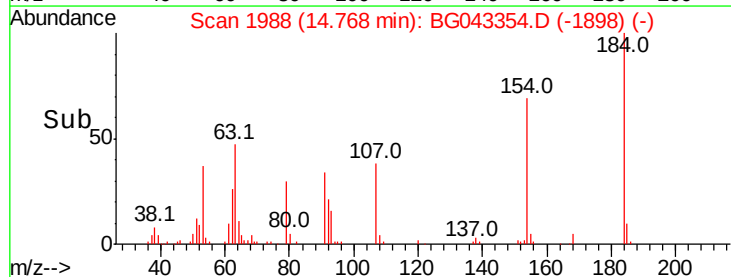
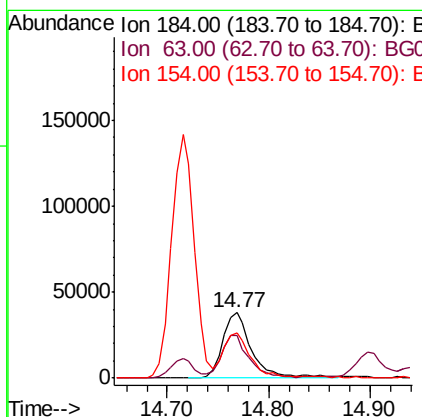
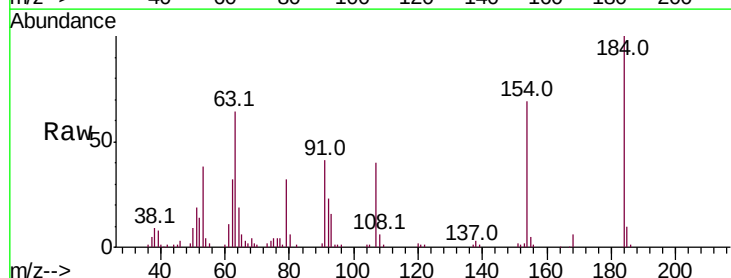
Instrument :
BNA_G
ClientSampleId :

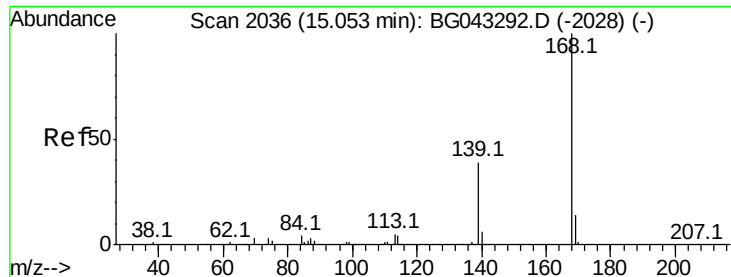
Tot Ion:138 Resp: 40728
Ion Ratio Lower Upper
138 100
108 10.5 9.8 14.6
92 108.6 95.8 143.6



#54
2,4-Dinitrophenol
Concen: 71.627 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion:184 Resp: 76178
Ion Ratio Lower Upper
184 100
63 64.2 48.8 73.2
154 68.9 49.4 74.0

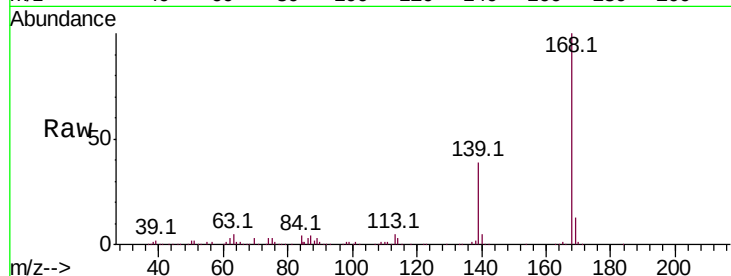




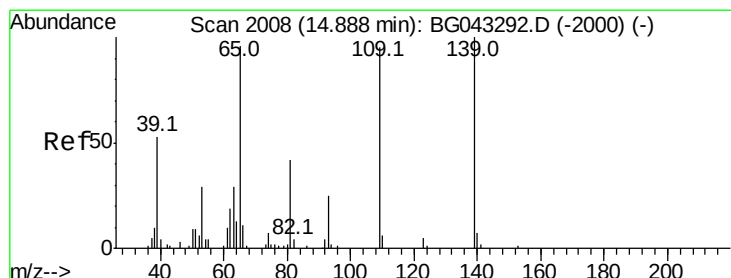
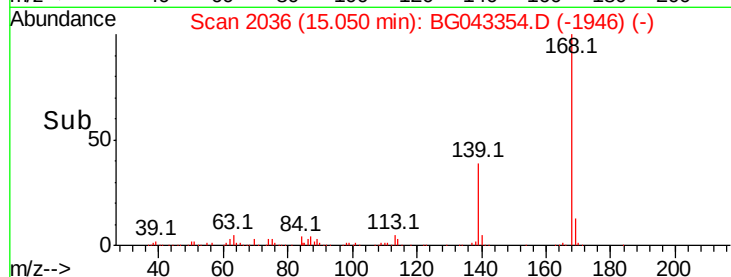
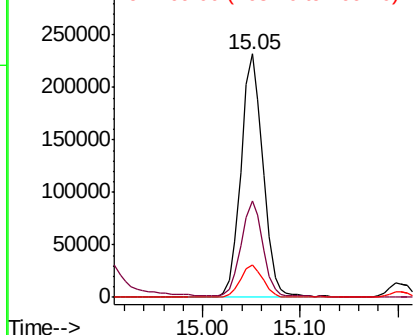
#55
Dibenzenofuran
Concen: 39.926 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 364284
Ion Ratio Lower Upper
168 100
139 39.4 31.7 47.5
169 13.2 11.0 16.4

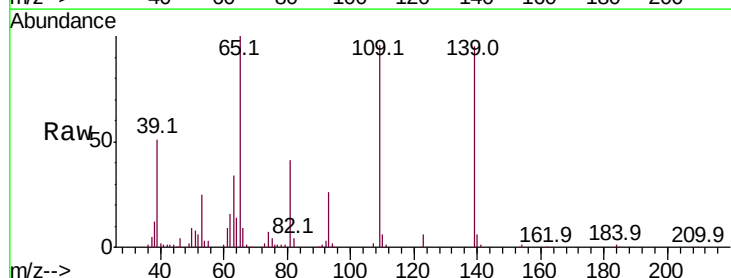


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

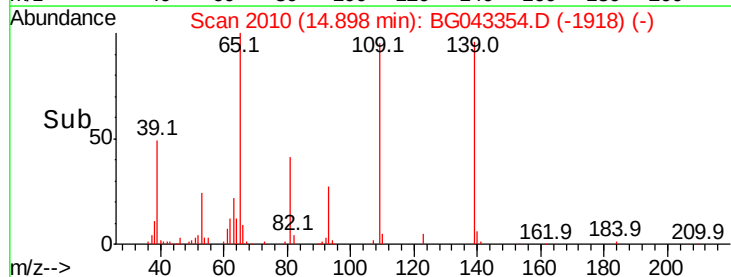
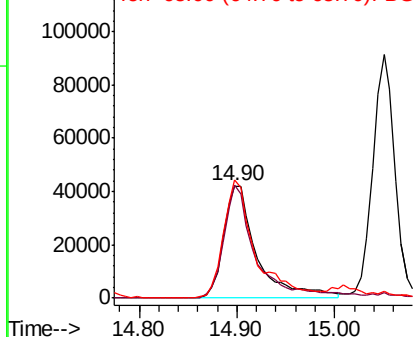


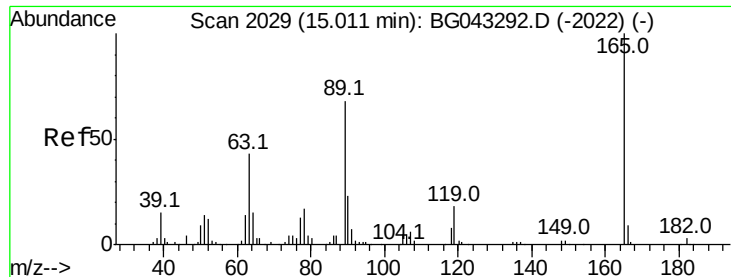
#56
4-Nitrophenol
Concen: 89.810 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion:139 Resp: 100137
Ion Ratio Lower Upper
139 100
109 100.4 75.4 115.4
65 105.0 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

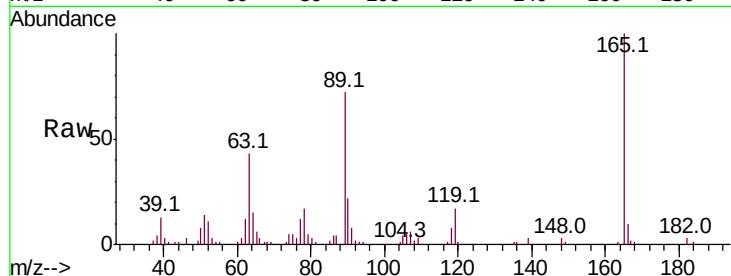




#57
 2,4-Dinitrotoluene
 Concen: 39.751 ng
 RT: 15.02 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.3	35.0	52.6
89	71.6	54.1	81.1
182	3.0	2.2	3.2



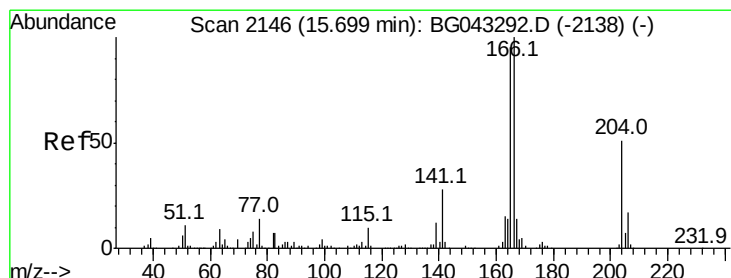
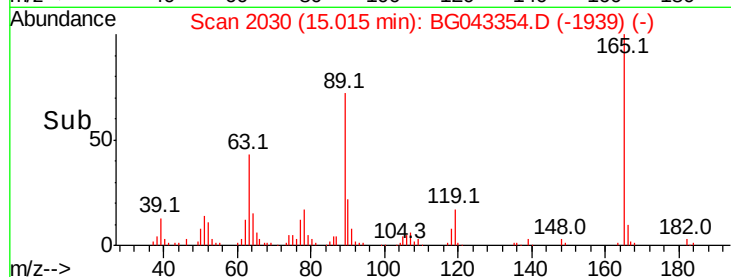
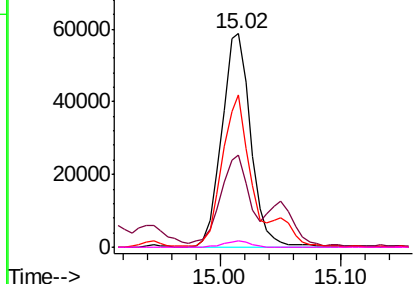
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

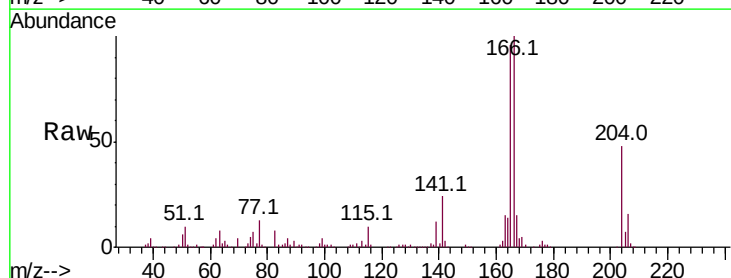
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.483 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.9	76.4	114.6
167	14.5	11.1	16.7

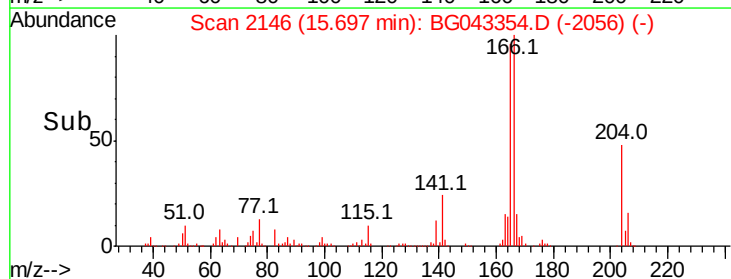
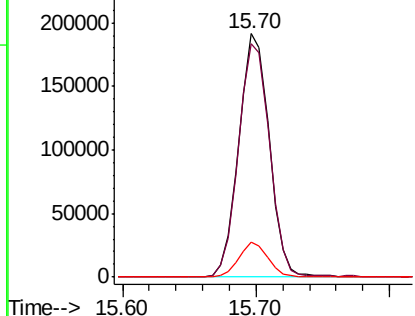


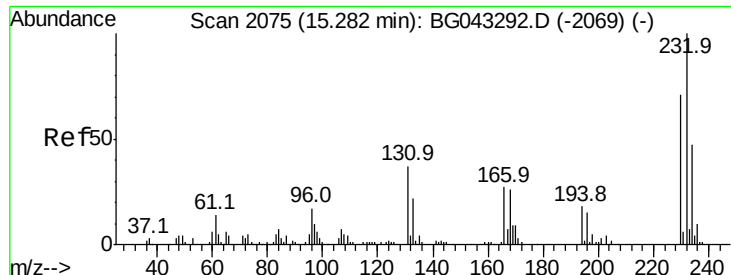
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

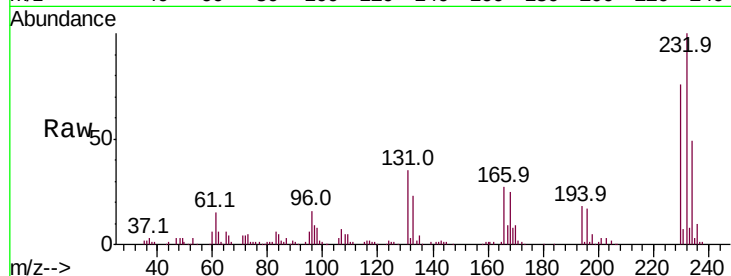




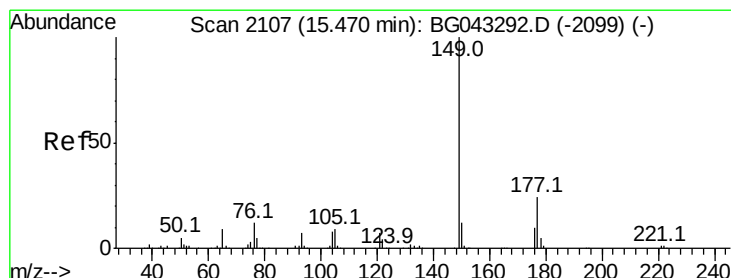
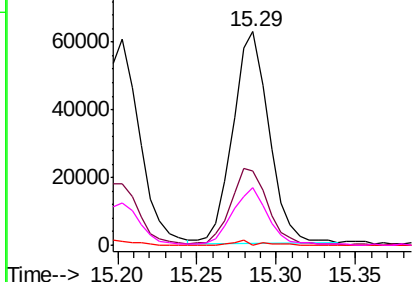
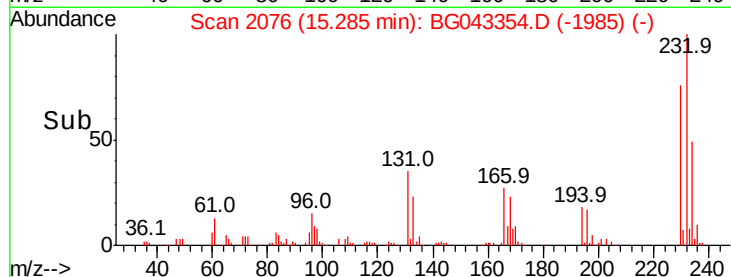
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.178 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 98724
 Ion Ratio Lower Upper
 232 100
 131 37.7 28.7 43.1
 130 1.7 0.6 0.8#
 166 27.1 21.1 31.7

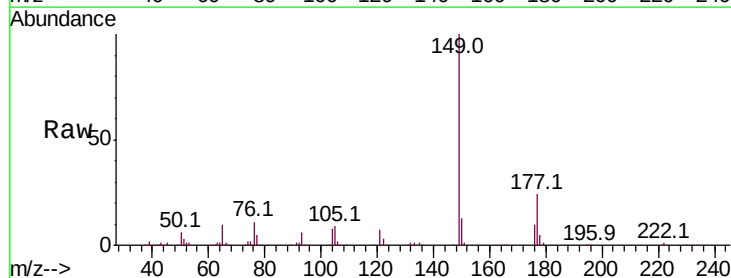


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

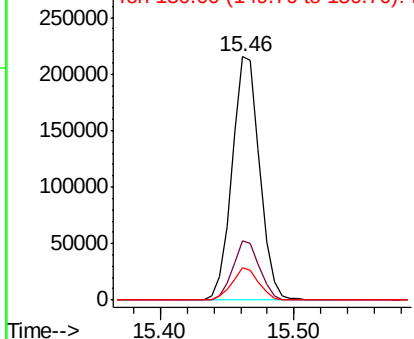
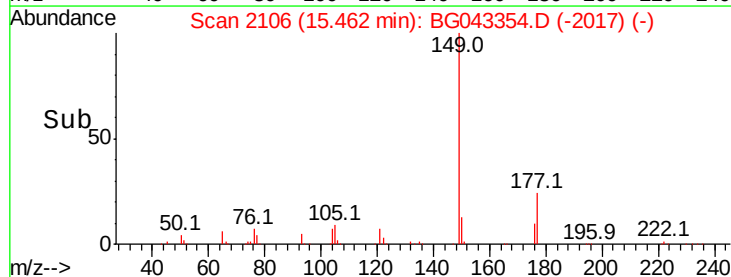


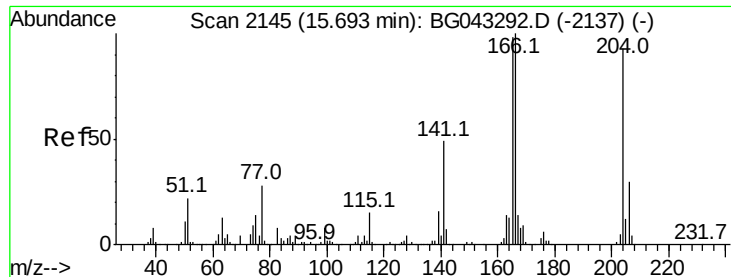
#60
 Diethylphthalate
 Concen: 38.791 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Tgt Ion:149 Resp: 309179
 Ion Ratio Lower Upper
 149 100
 177 24.3 19.0 28.4
 150 13.1 9.4 14.0



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

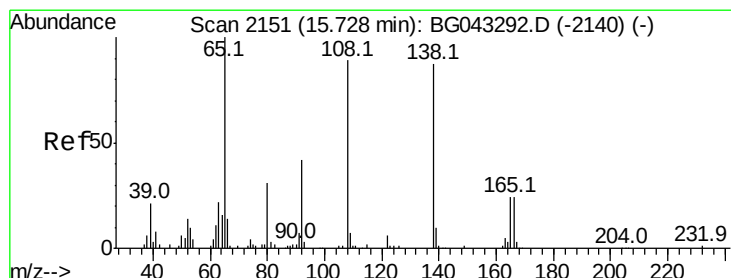
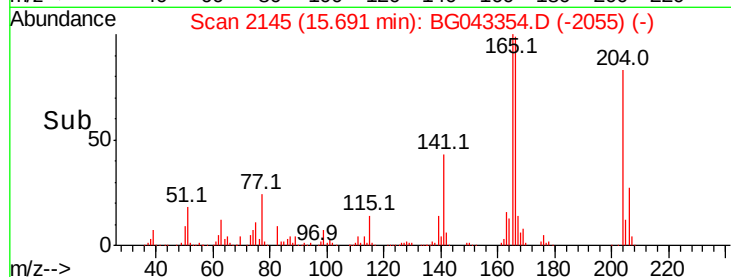
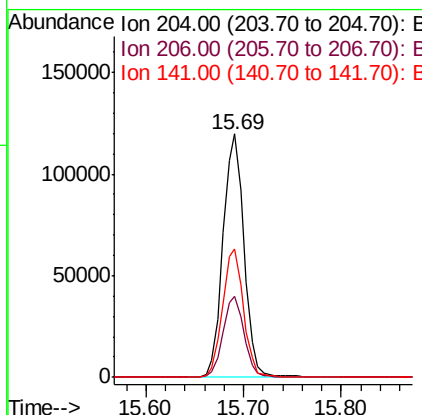
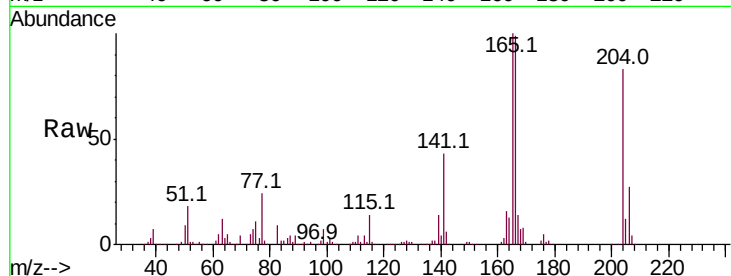




#61
 4-Chlorophenyl-phenylether
 Concen: 40.044 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

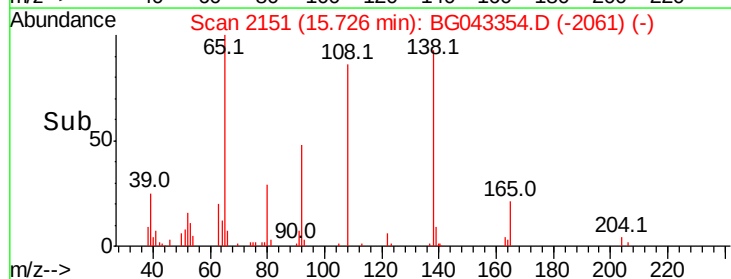
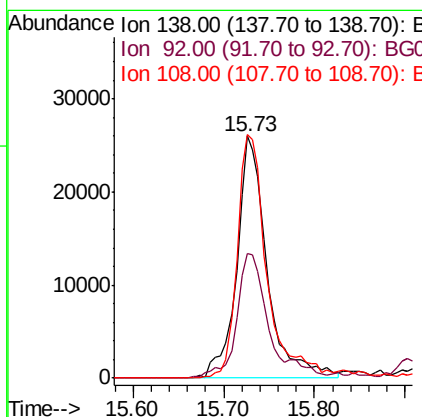
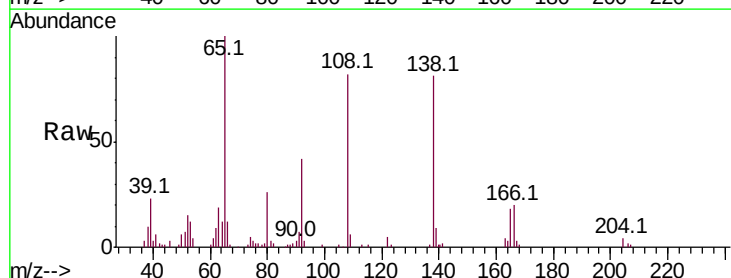
Instrument :
 BNA_G
 ClientSampleId :

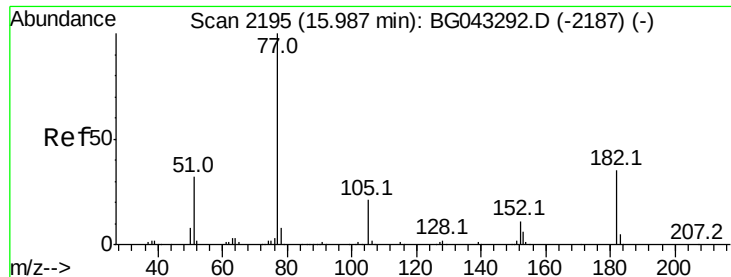
Tot Ion:	204	Resp:	178765
Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.7	38.5
141	52.6	42.3	63.5



#62
 4-Nitroaniline
 Concen: 35.226 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Tgt Ion:	138	Resp:	60530
Ion	Ratio	Lower	Upper
138	100		
92	51.5	28.8	68.8
108	100.6	82.7	122.7





#63

Azobenzene

Concen: 39.469 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 254603

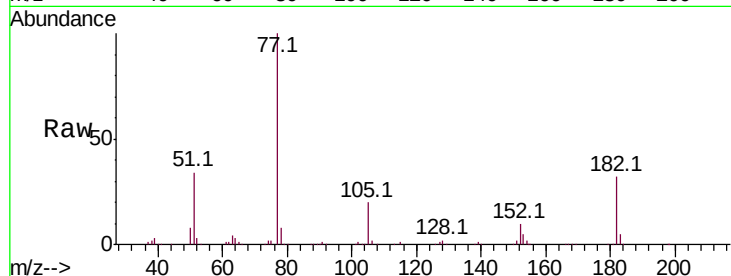
Ion Ratio Lower Upper

77 100

182 31.6 14.9 54.9

105 20.3 0.6 40.6

51 33.6 12.5 52.5



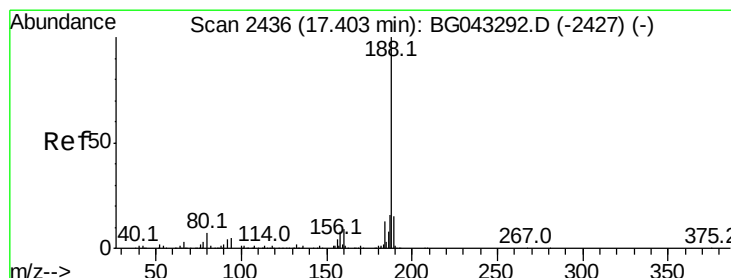
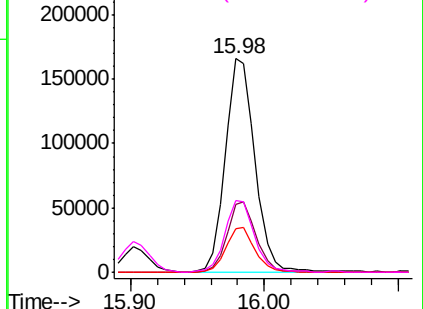
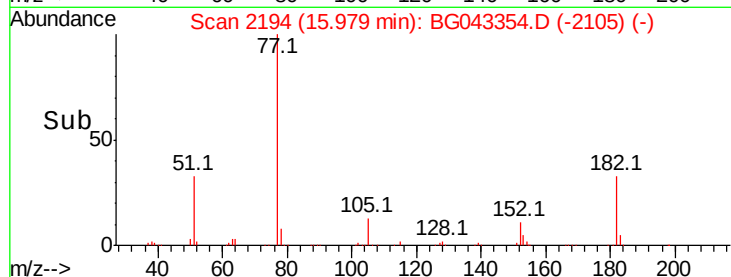
Abundance

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: BG043354.D

Acq: 28 Oct 2019 17:39

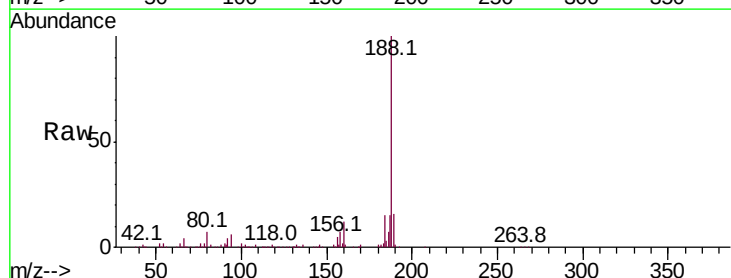
Tgt Ion: 188 Resp: 241610

Ion Ratio Lower Upper

188 100

94 5.9 4.2 6.2

80 7.1 5.2 7.8

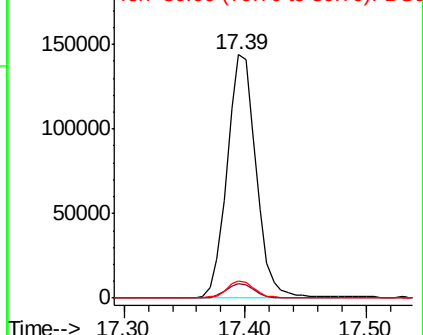
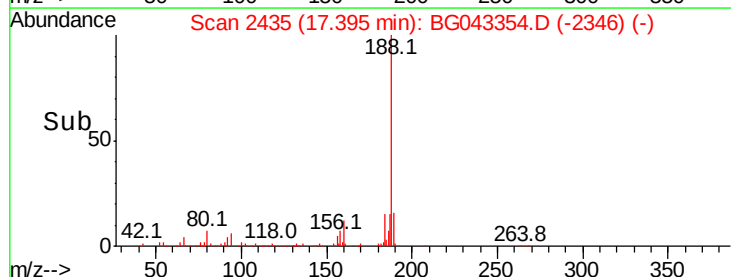


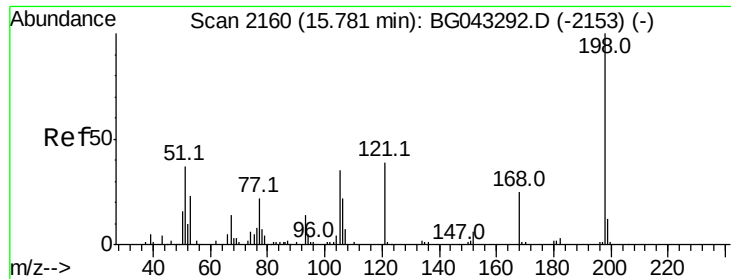
Abundance

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: 42.368 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

ClientSampled :

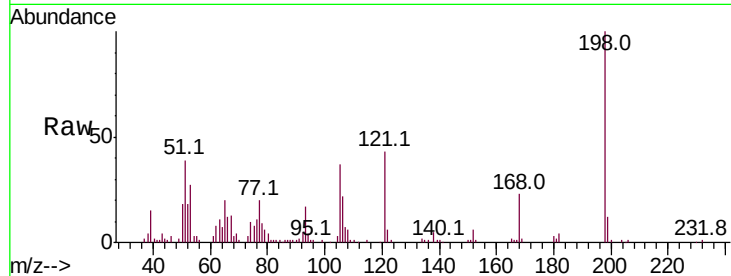
Tot Ion:198 Resp: 60242

Ion Ratio Lower Upper

198 100

51 39.4 21.4 61.4

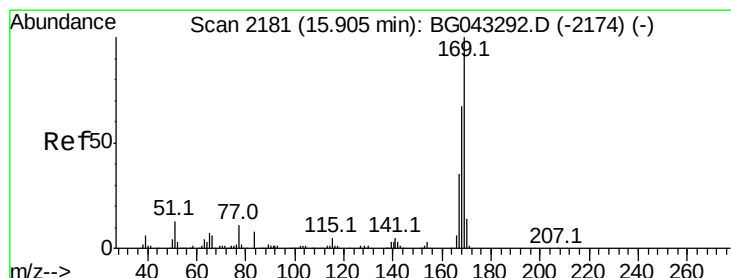
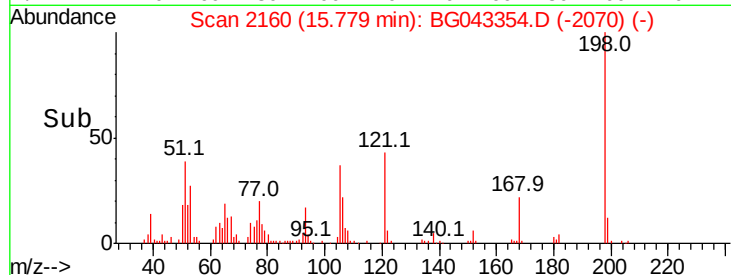
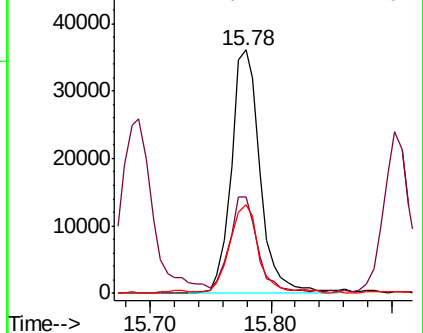
105 36.7 16.5 56.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.975 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

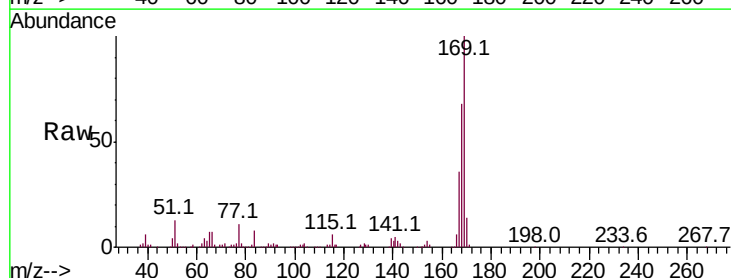
Tgt Ion:169 Resp: 272682

Ion Ratio Lower Upper

169 100

168 67.8 53.9 80.9

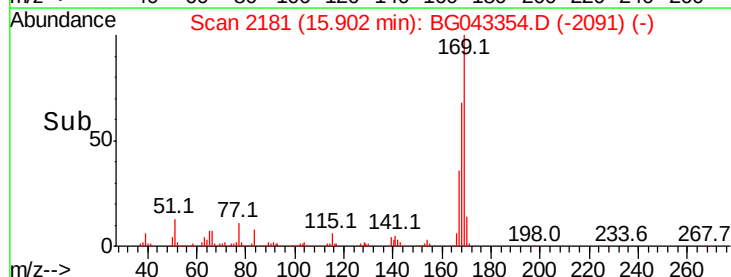
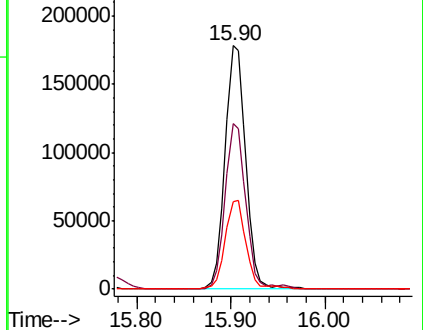
167 35.9 28.3 42.5

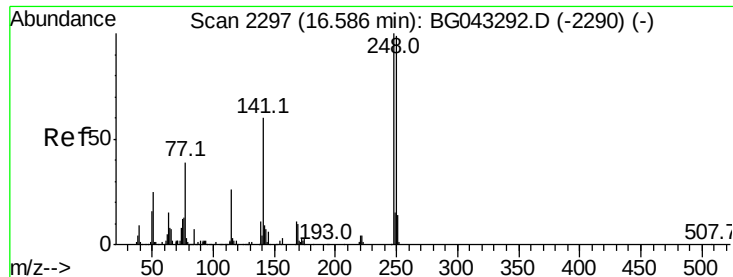


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

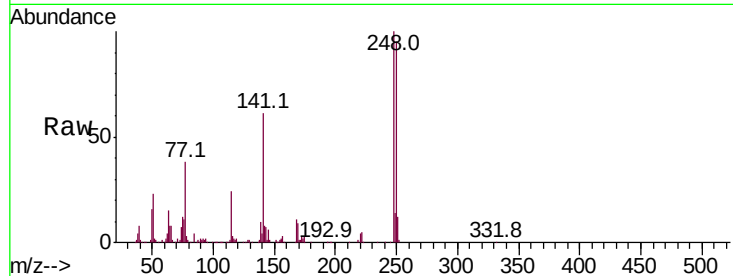




#67
4-Bromophenyl-phenylether
Concen: 38.165 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.2	79.3	118.9
141	61.2	47.9	71.9

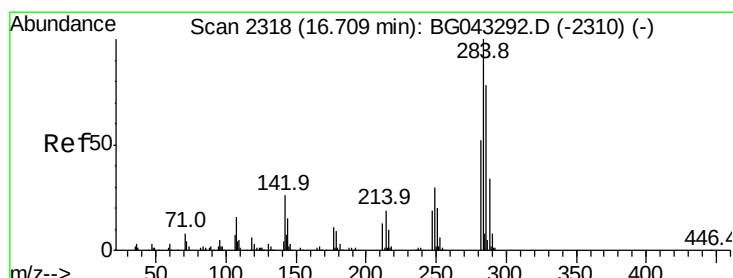
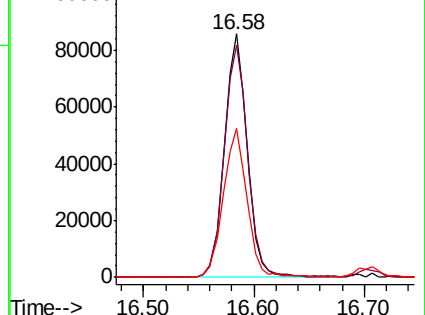
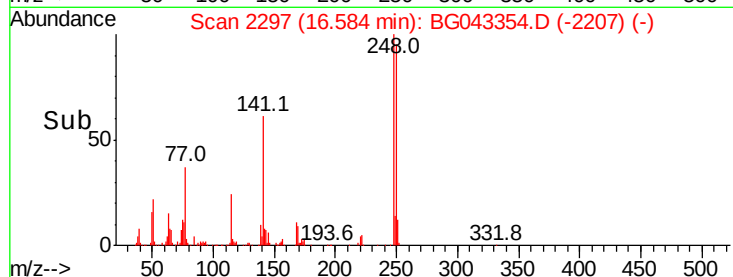


Abundance

Ion 248.00 (247.70 to 248.70): E

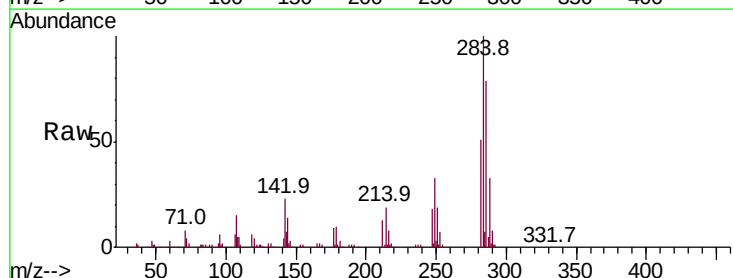
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.310 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.9	21.1	31.7
249	32.8	24.4	36.6

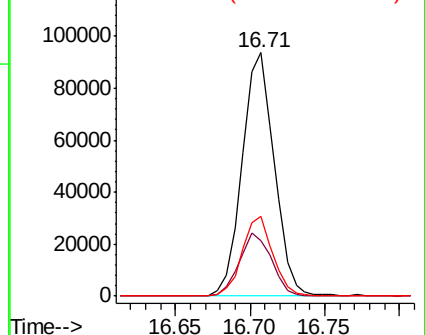
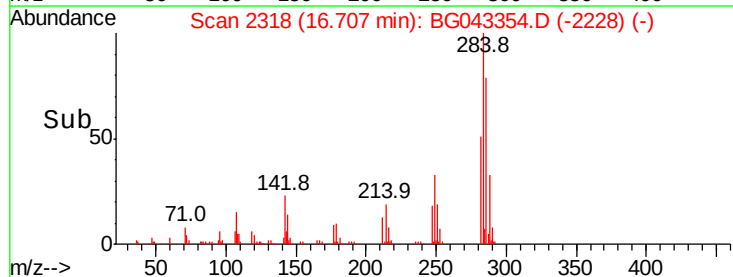


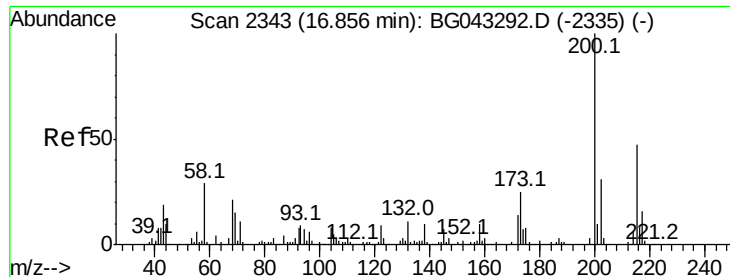
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

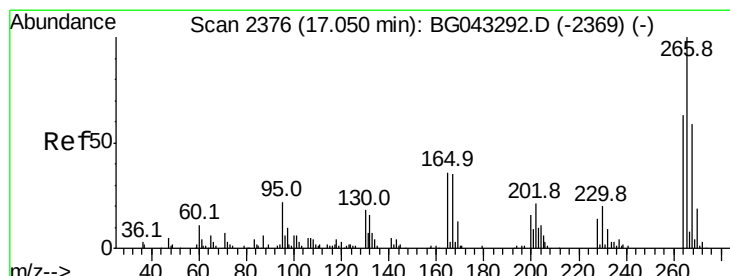
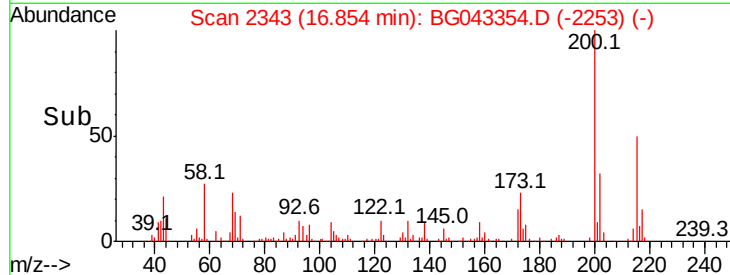
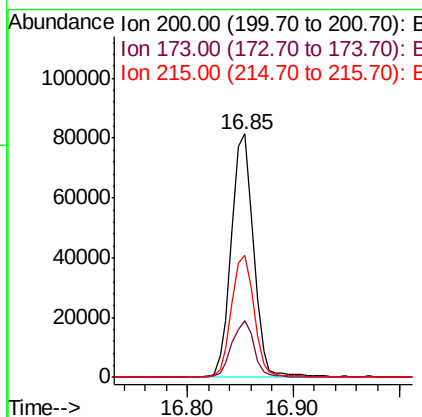
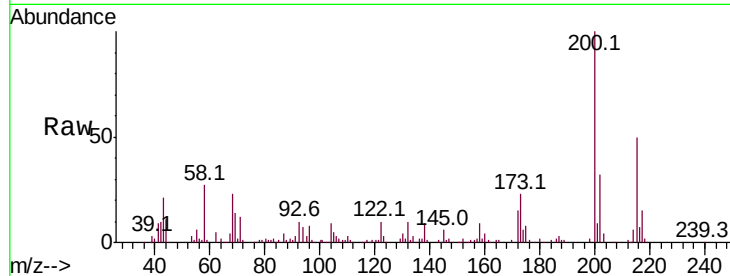




#69
 Atrazine
 Concen: 50.090 ng
 RT: 16.85 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

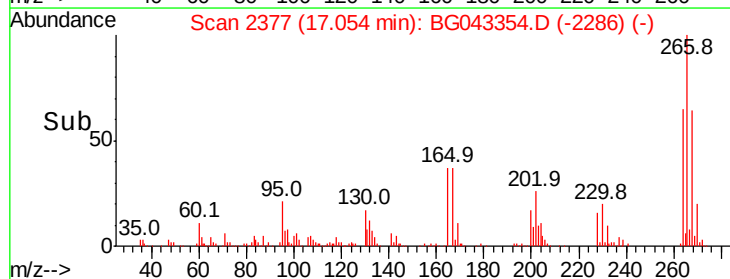
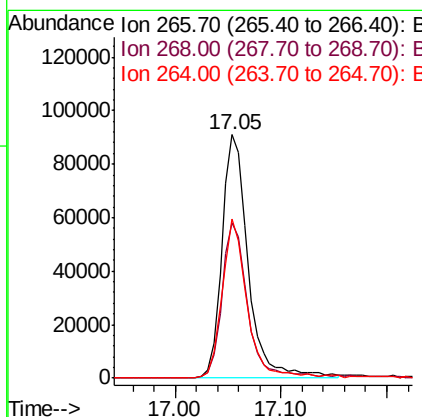
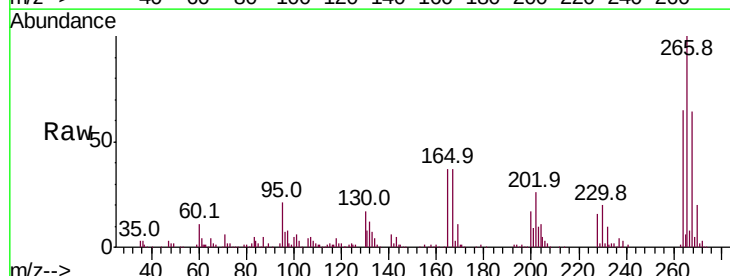
Instrument :
 BNA_G
 ClientSampleId :

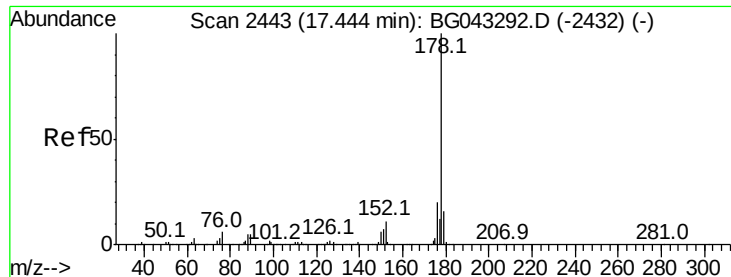
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.1	5.1	45.1
215	50.1	26.6	66.6



#70
 Pentachlorophenol
 Concen: 92.382 ng
 RT: 17.05 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	47.1	70.7
264	65.2	50.4	75.6

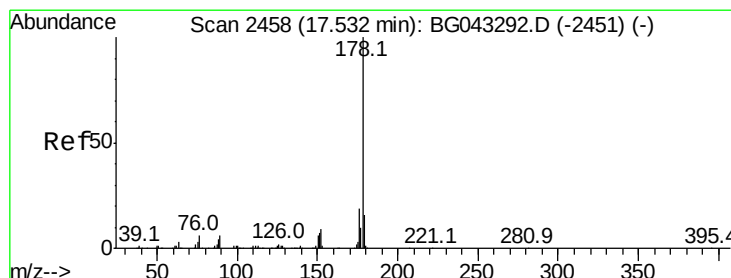
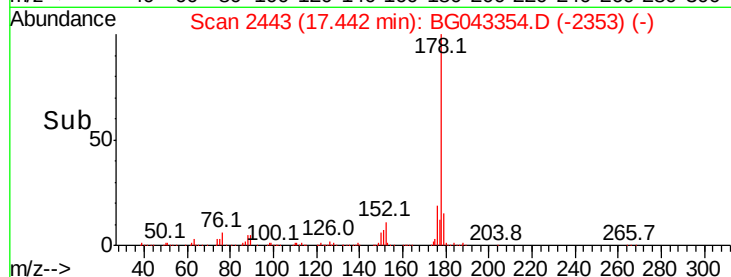
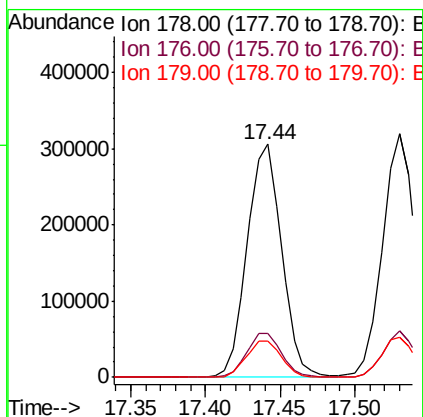
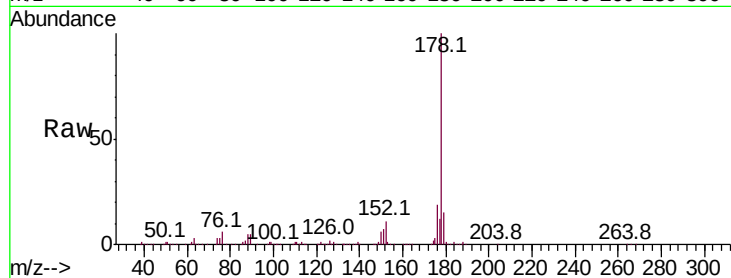




#71
Phenanthrene
Concen: 39.401 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

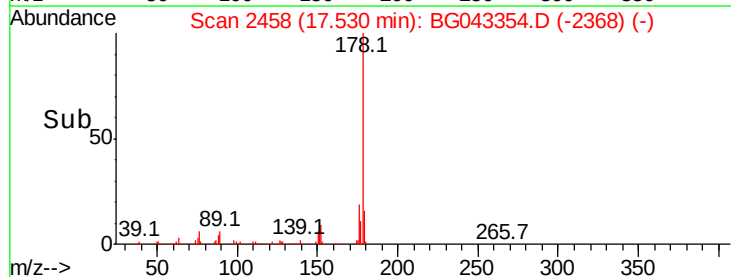
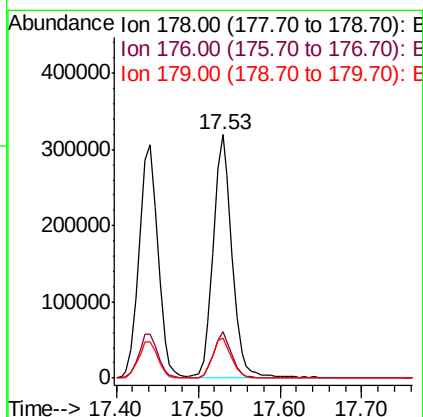
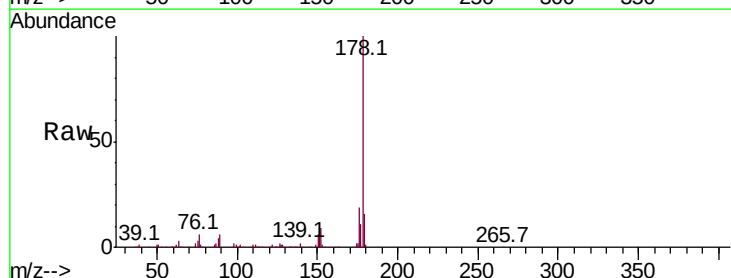
Instrument :
BNA_G
ClientSampleId :

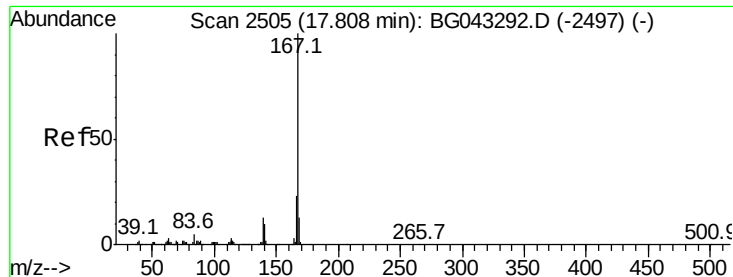
Tot Ion:178 Resp: 487475
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 15.3 13.1 19.7



#72
Anthracene
Concen: 41.327 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion:178 Resp: 511575
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 16.4 13.0 19.6





#73

Carbazole

Concen: 40.503 ng

RT: 17.81 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

ClientSampleId :

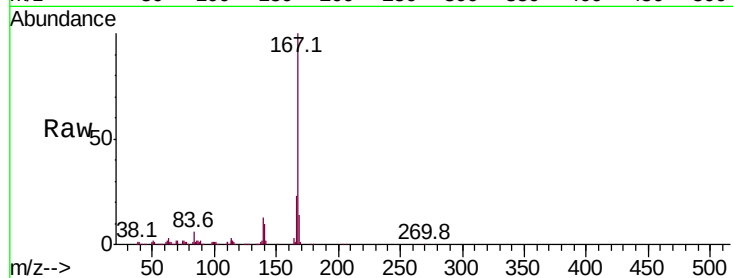
Tot Ion:167 Resp: 454033

Ion Ratio Lower Upper

167 100

166 22.6 18.4 27.6

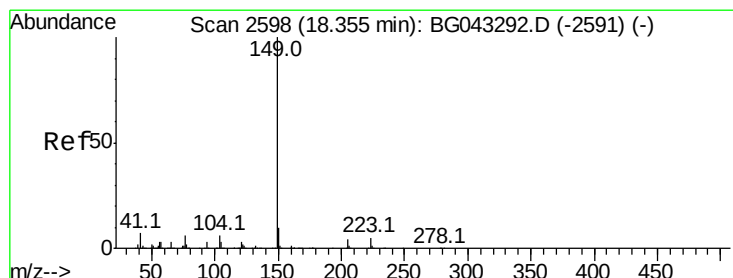
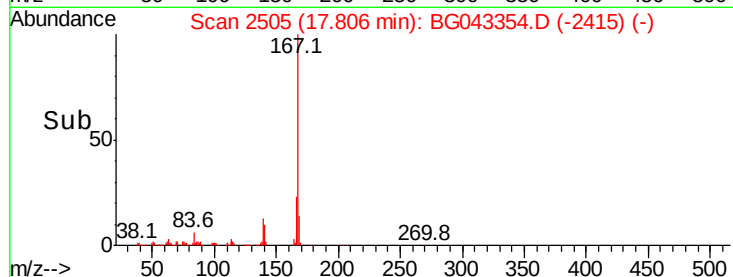
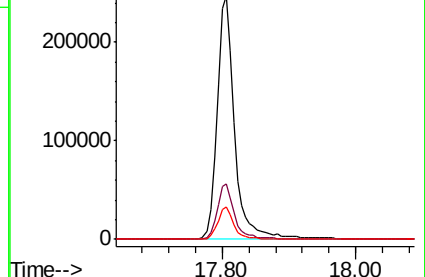
139 13.1 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.467 ng

RT: 18.35 min Scan# 2598

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

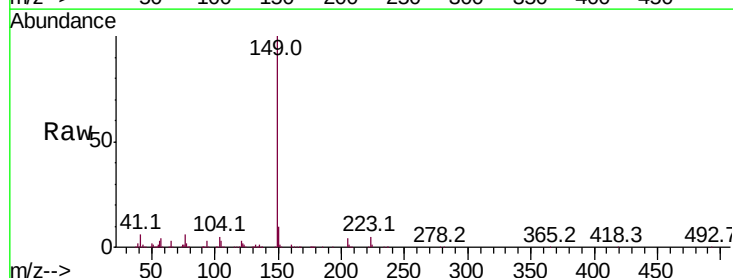
Tgt Ion:149 Resp: 550416

Ion Ratio Lower Upper

149 100

150 9.8 8.0 12.0

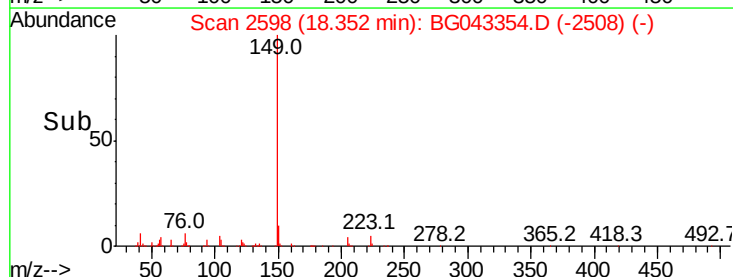
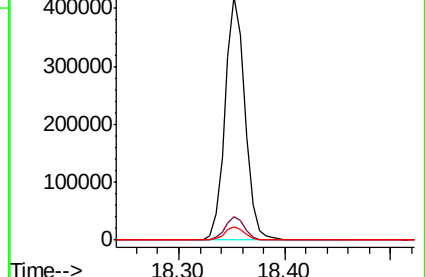
104 5.5 4.7 7.1

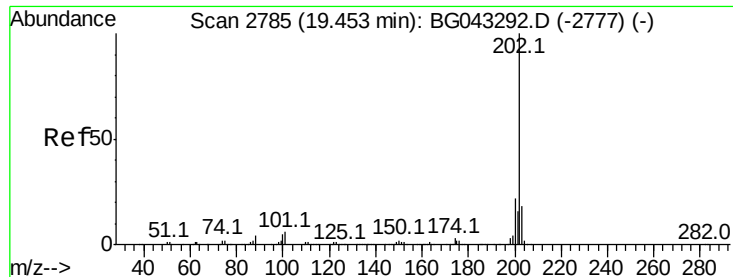


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.419 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043354.D

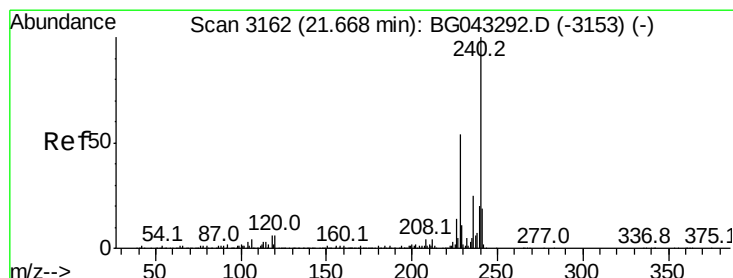
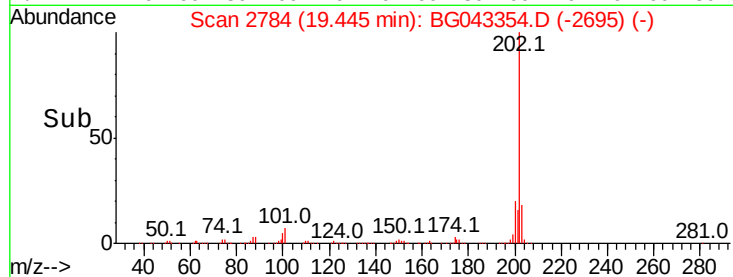
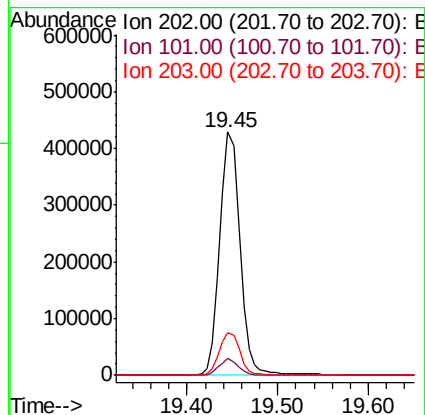
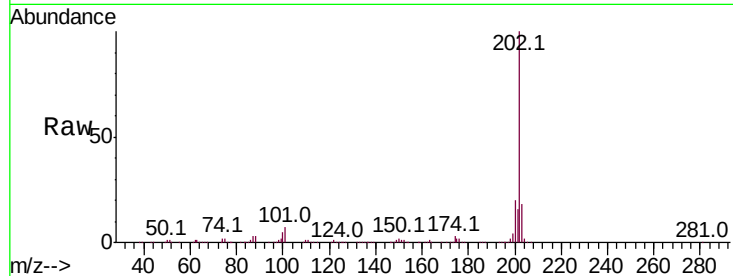
Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

ClientSampled :

Tot Ion:	202	Resp:	668066
Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	26.0
203	17.7	0.0	38.2



#76

Chrysene-d12

Concen: 20.000 ng

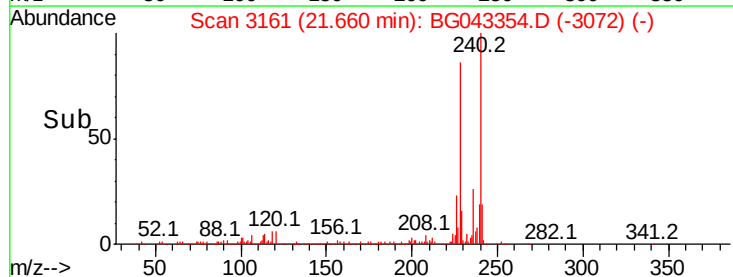
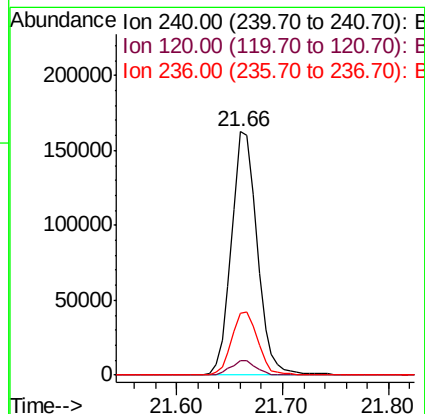
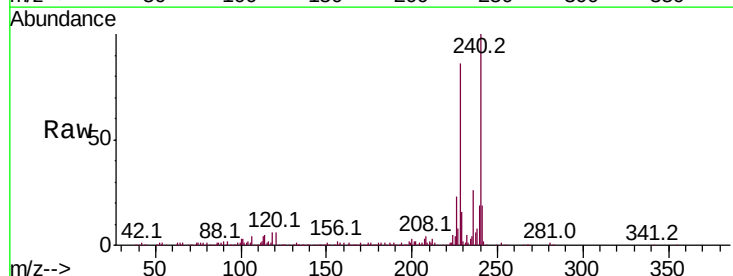
RT: 21.66 min Scan# 3161

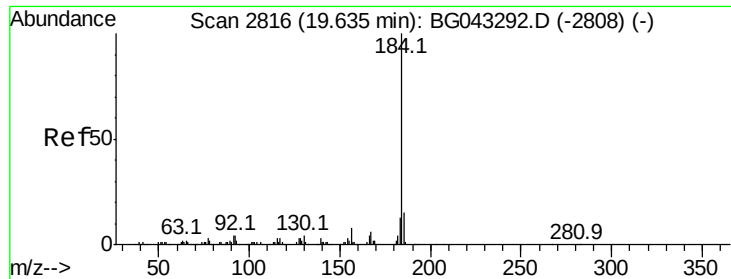
Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Tgt Ion:	240	Resp:	274282
Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.6	7.0
236	25.6	20.2	30.4





#77

Benzidine

Concen: 53.880 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

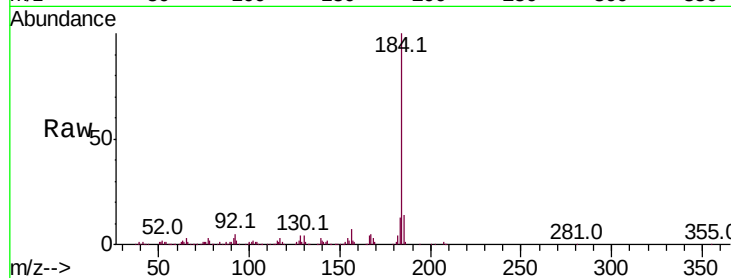
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 297420

Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.8	17.6
183	12.9	10.6	16.0

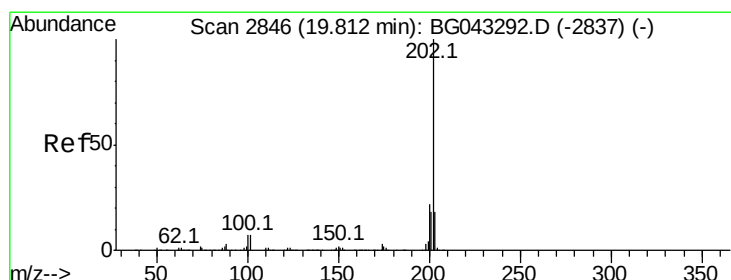
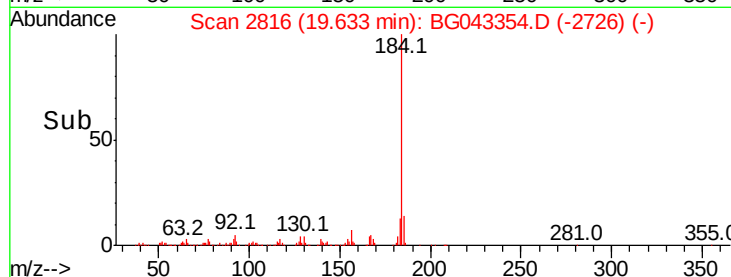
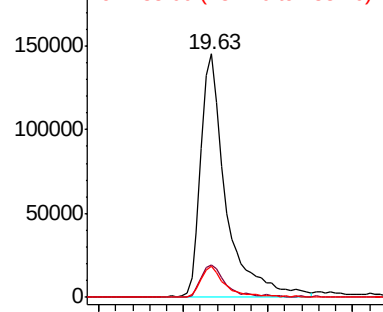


Abundance

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: 40.063 ng

RT: 19.81 min Scan# 2846

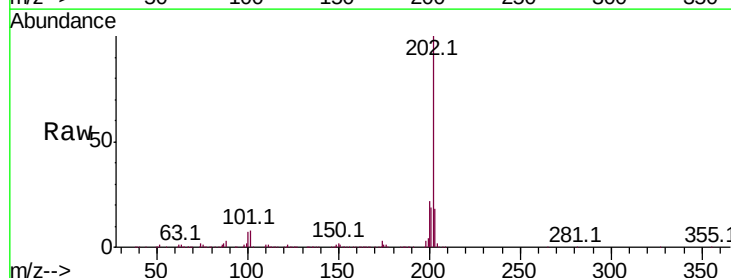
Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Tgt Ion:202 Resp: 680172

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.3	25.9
203	18.1	14.5	21.7

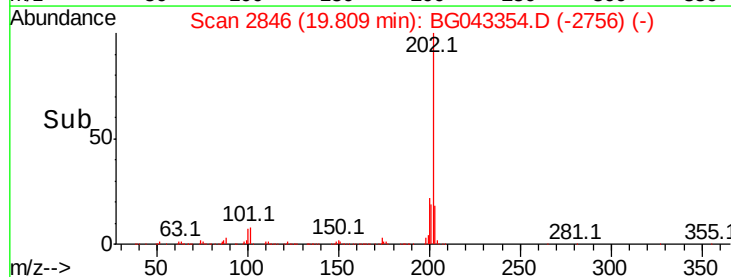
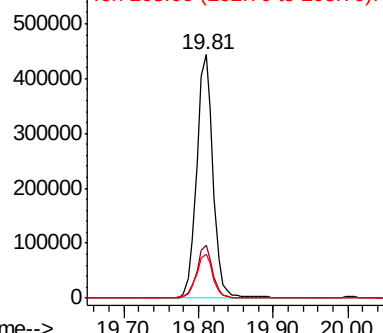


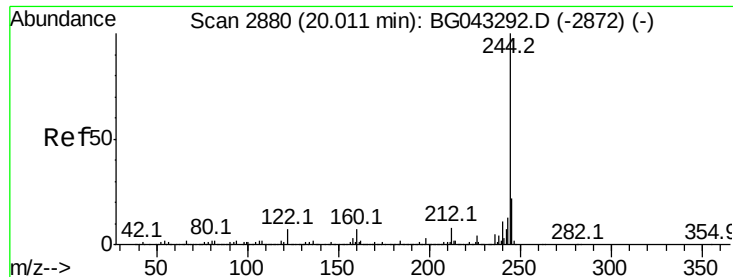
Abundance

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: 60.647 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

ClientSampleId :

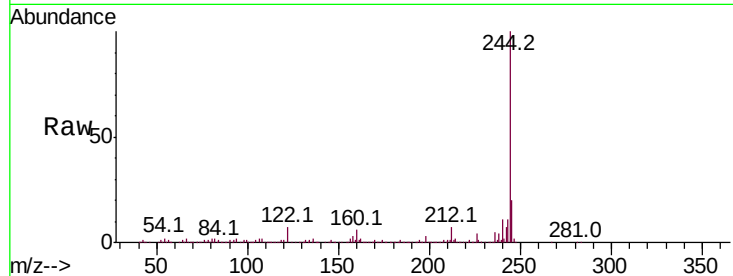
Tot Ion:244 Resp: 886671

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

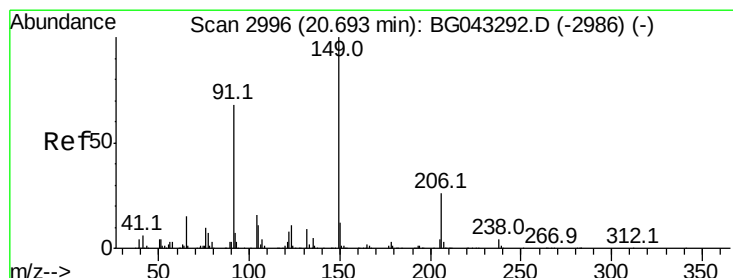
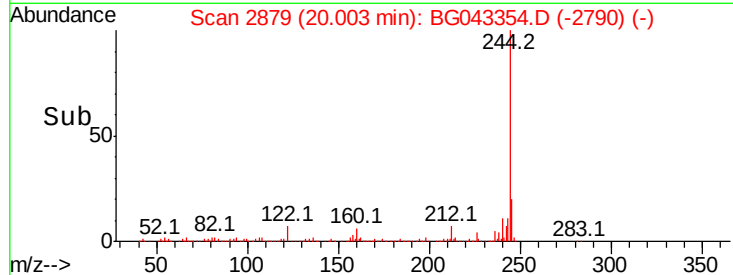
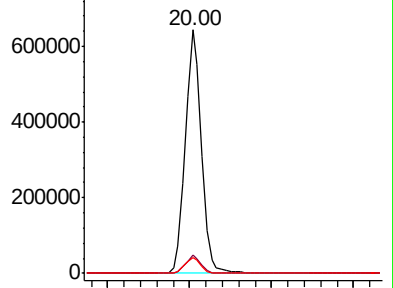
122 6.6 5.3 7.9



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: 38.852 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

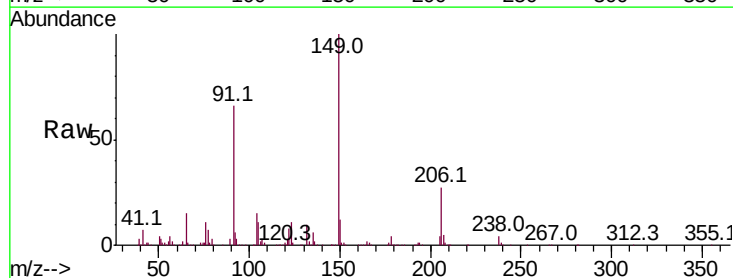
Tgt Ion:149 Resp: 249903

Ion Ratio Lower Upper

149 100

91 66.3 54.6 82.0

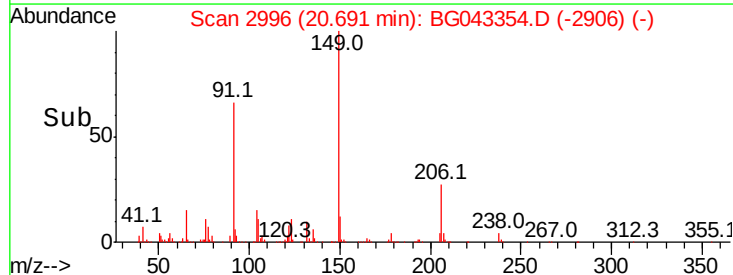
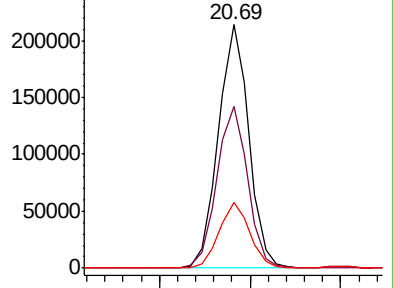
206 26.8 20.5 30.7

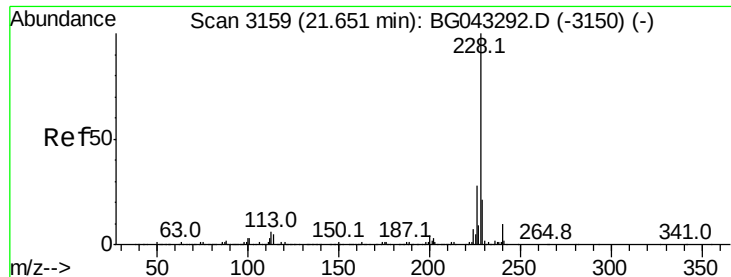


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.652 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

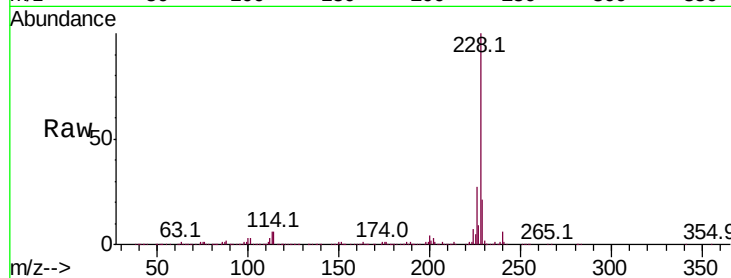
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 698428

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.4
229	20.7	16.9	25.3

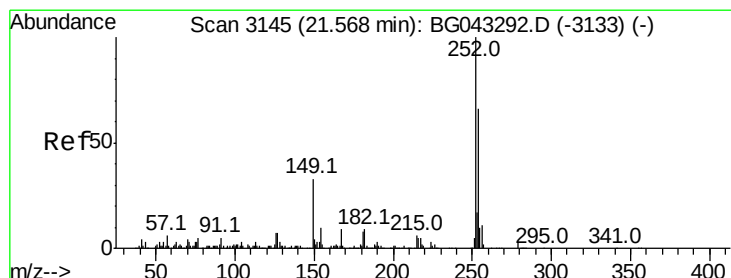
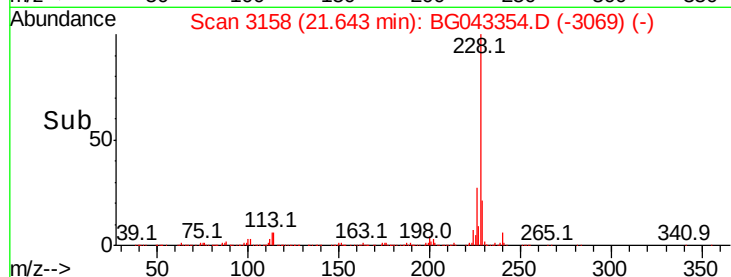
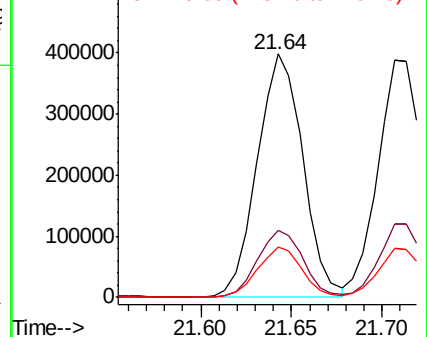


Abundance

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: 29.878 ng

RT: 21.56 min Scan# 3144

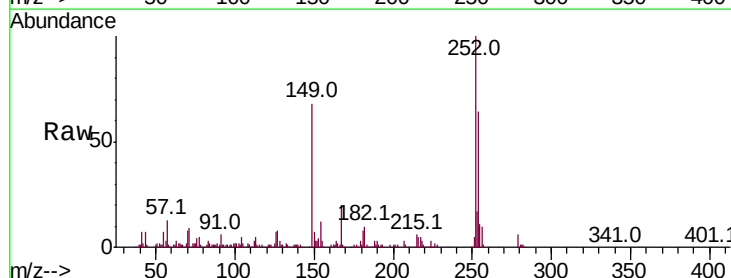
Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Tgt Ion:252 Resp: 198546

Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.7	79.1
126	7.5	5.6	8.4

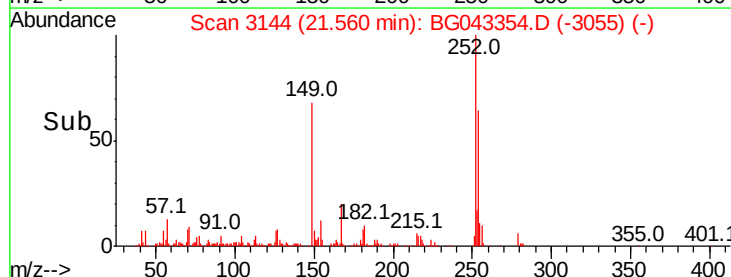
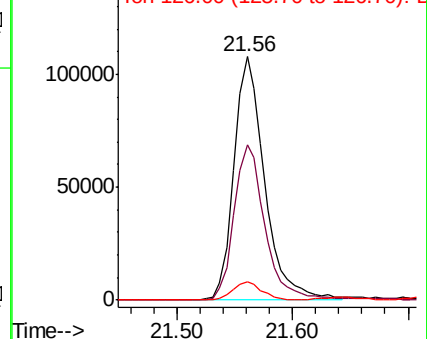


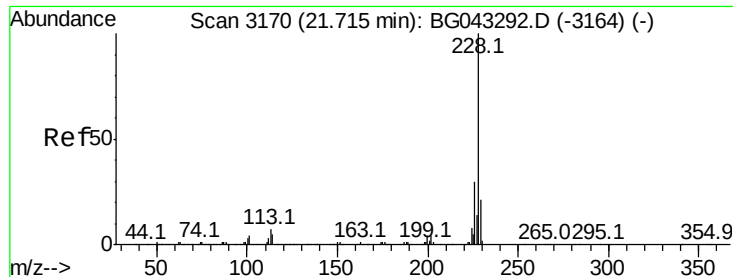
Abundance

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: 39.974 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

ClientSampled :

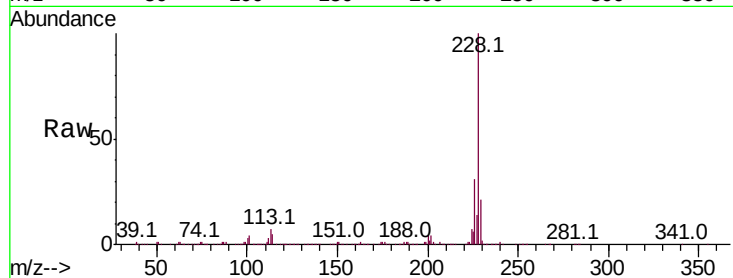
Tot Ion:228 Resp: 682379

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.8
229	20.5	16.3	24.5

228 100

226 30.7 23.8 35.8

229 20.5 16.3 24.5

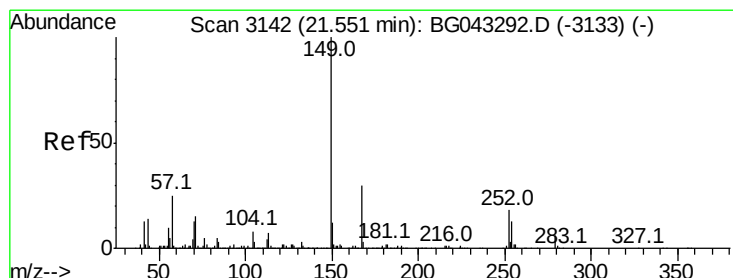
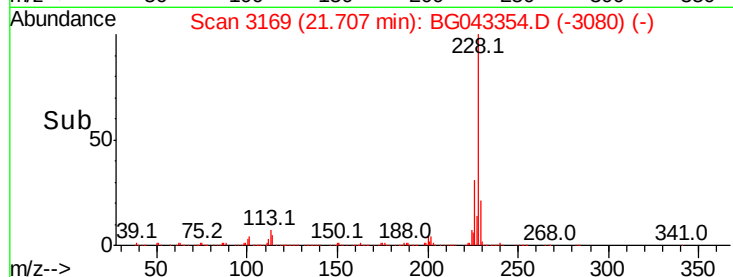
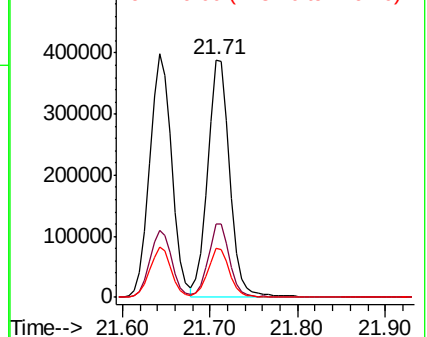


Abundance

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: 40.675 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

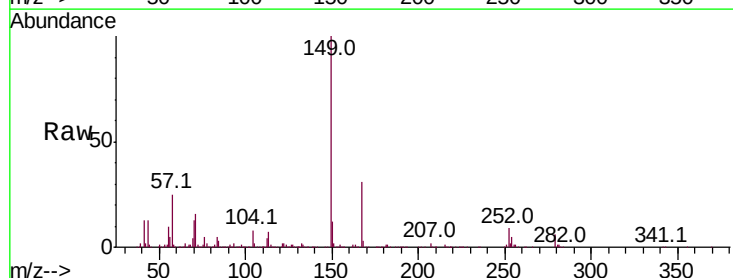
Tgt Ion:149 Resp: 371648

Ion	Ratio	Lower	Upper
149	100		
167	30.7	23.9	35.9
279	6.1	4.8	7.2

149 100

167 30.7 23.9 35.9

279 6.1 4.8 7.2

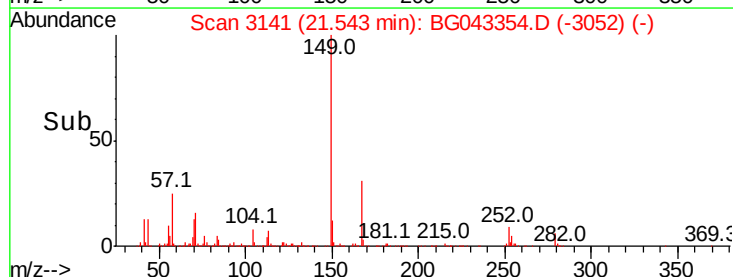
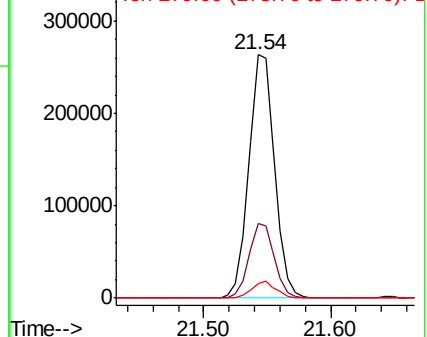


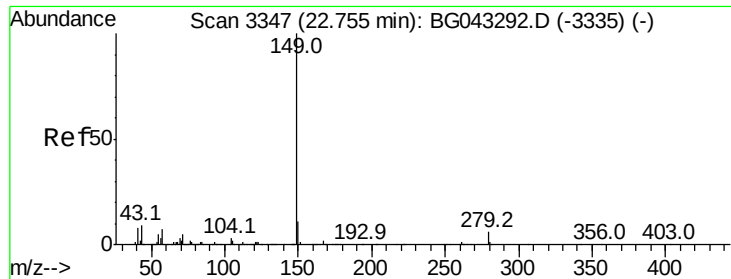
Abundance

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: 40.562 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

ClientSampled :

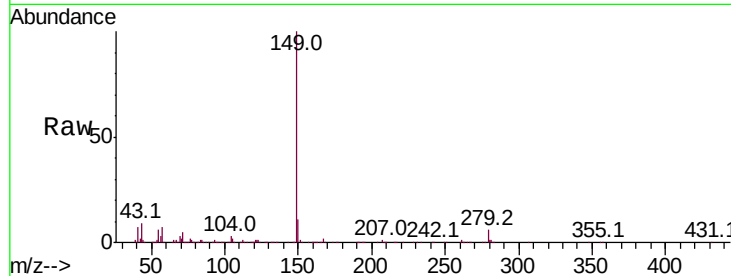
Tot Ion:149 Resp: 628776

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

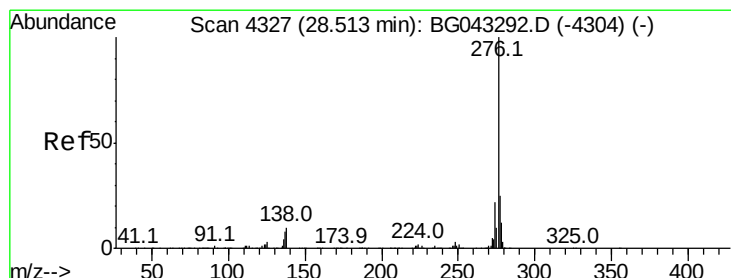
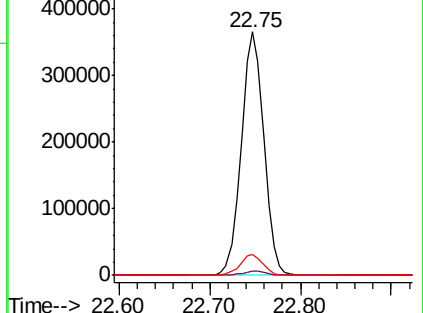
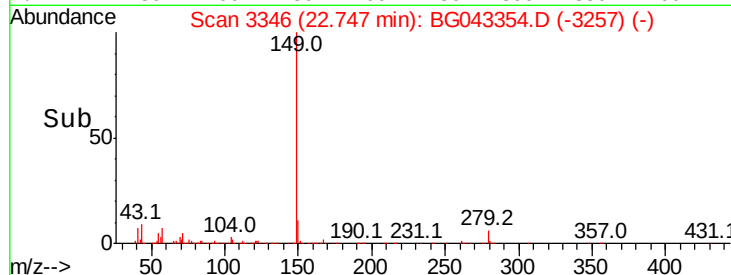
43 8.4 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.108 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

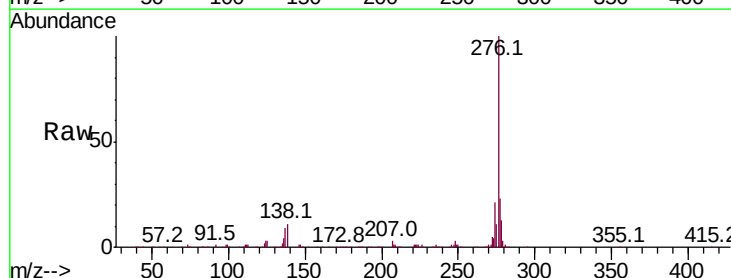
Tgt Ion:276 Resp: 880854

Ion Ratio Lower Upper

276 100

138 10.0 7.2 10.8

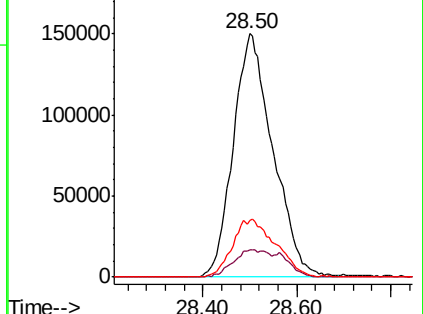
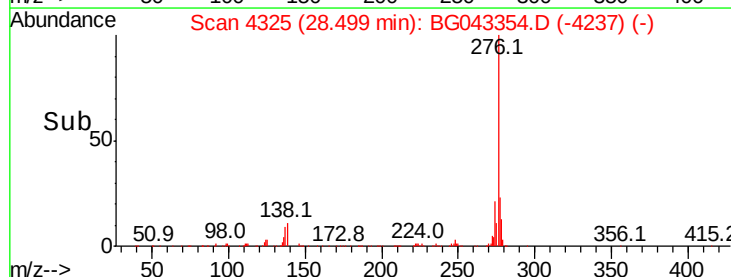
277 25.7 20.9 31.3

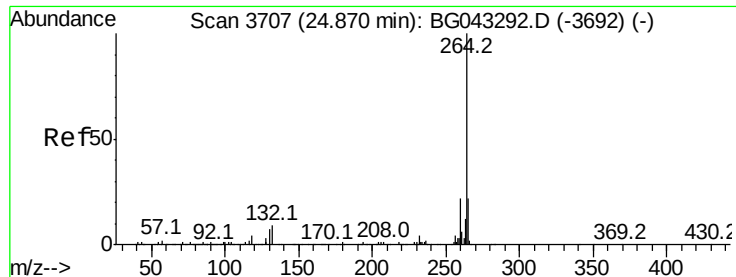


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

ClientSampled :

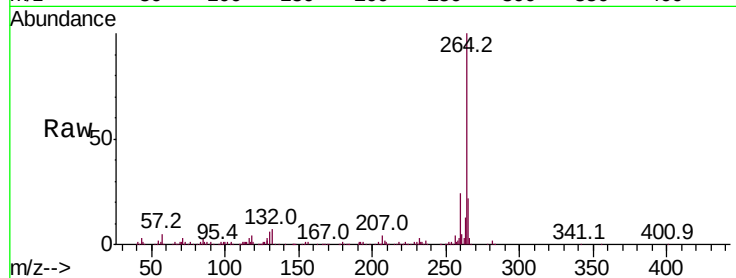
Tot Ion:264 Resp: 326721

Ion Ratio Lower Upper

264 100

260 23.8 17.9 26.9

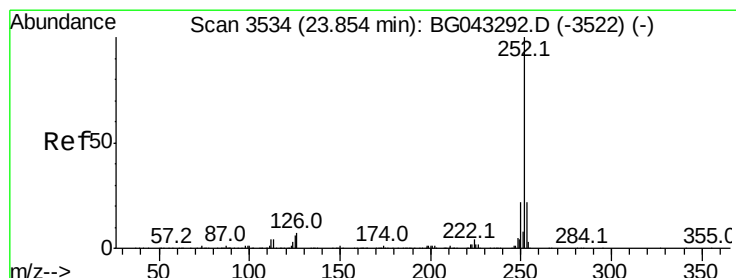
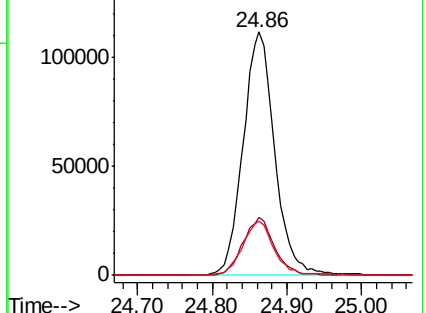
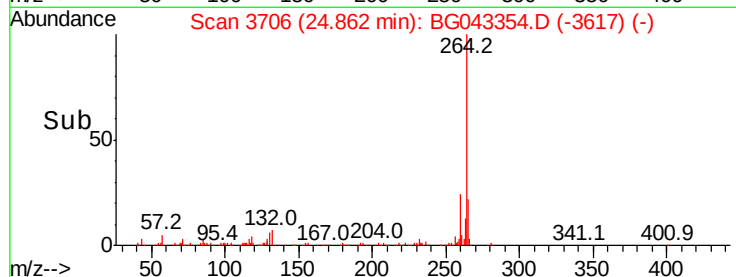
265 22.0 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.380 ng

RT: 23.92 min Scan# 3545

Delta R.T. 0.06 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

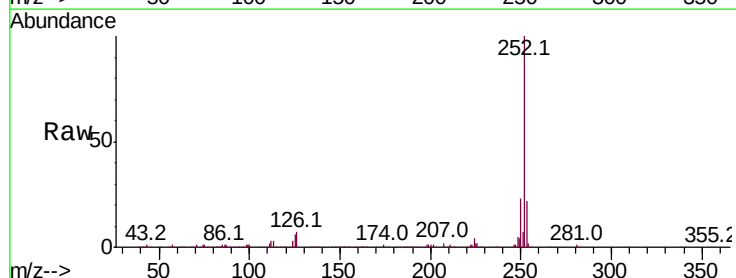
Tgt Ion:252 Resp: 747212

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

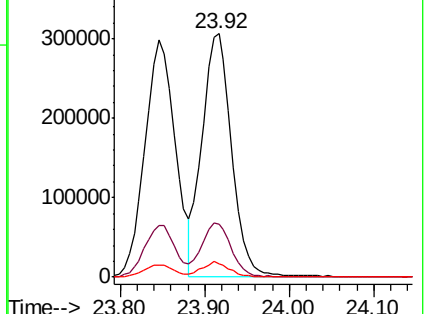
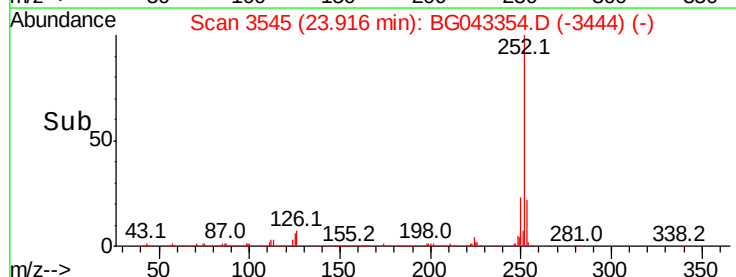
125 5.5 5.0 7.6

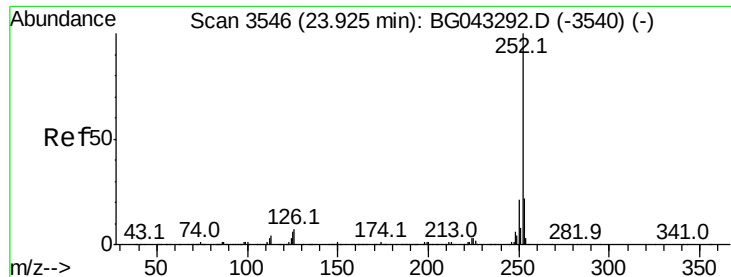


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

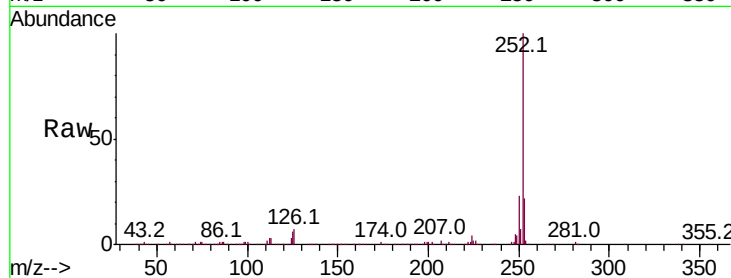




#89
Benzo(k)fluoranthene
Concen: 40.111 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	5.5	4.5	6.7

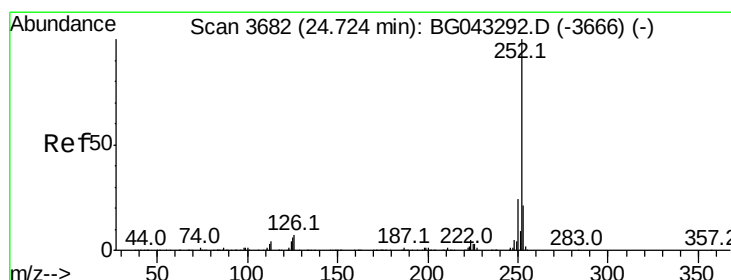
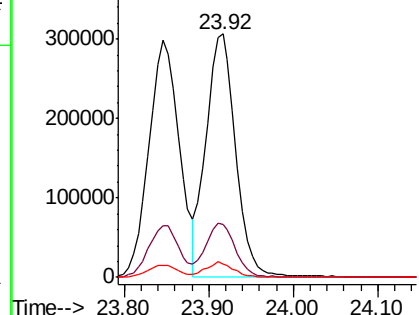
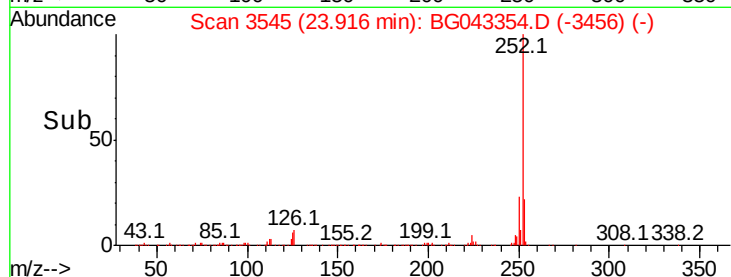


Abundance

Ion 252.00 (251.70 to 252.70): E

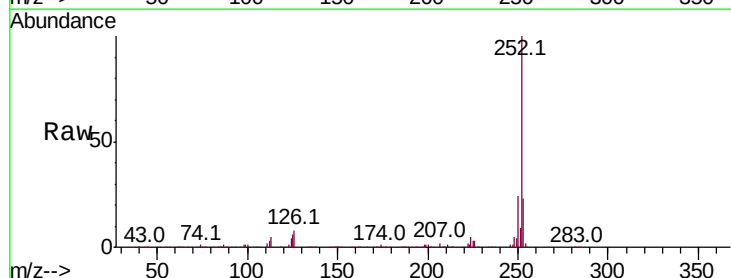
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 38.683 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	6.2	5.0	7.6

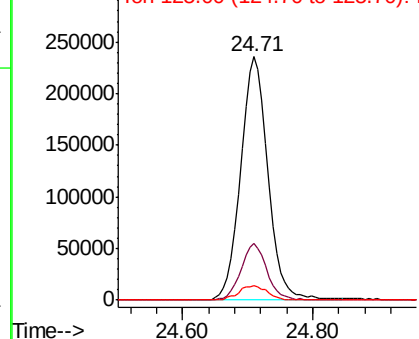
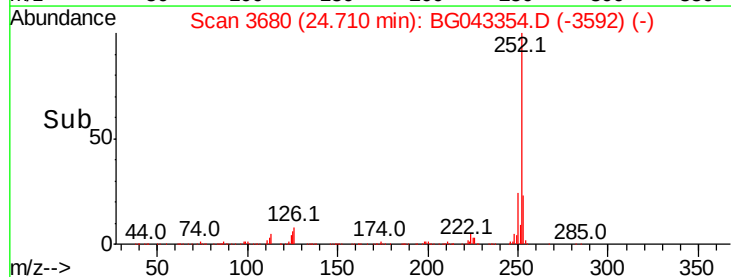


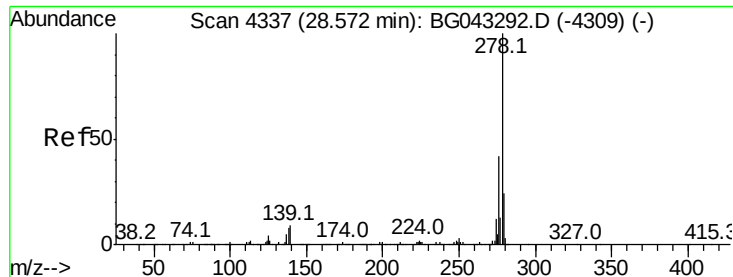
Abundance

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





#91

Dibenzo(a,h)anthracene

Concen: 41.323 ng

RT: 28.56 min Scan# 4336

Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

ClientSampleId :

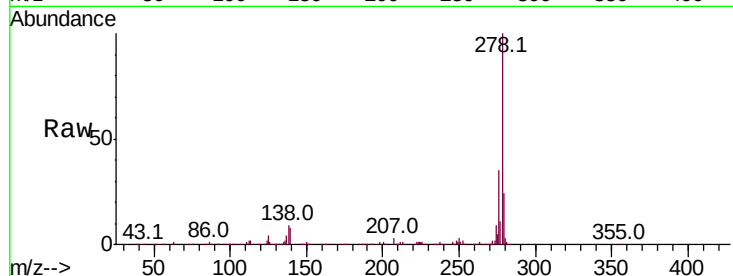
Tot Ion:278 Resp: 746877

Ion	Ratio	Lower	Upper
278	100		
139	7.8	6.8	10.2
279	23.7	19.0	28.6

278 100

139 7.8 6.8 10.2

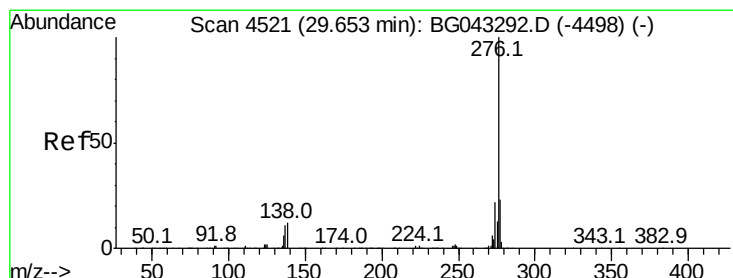
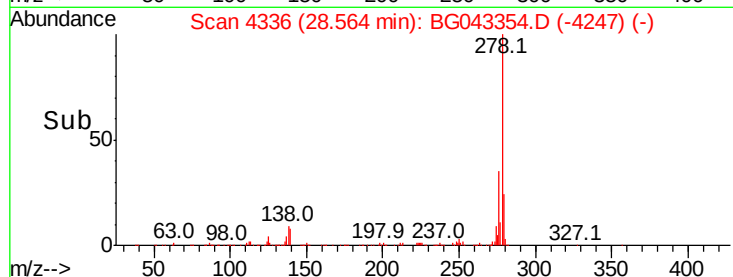
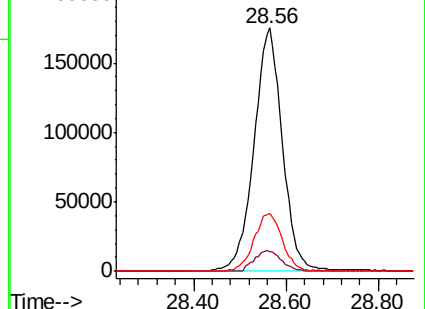
279 23.7 19.0 28.6



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: 41.257 ng

RT: 29.64 min Scan# 4519

Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

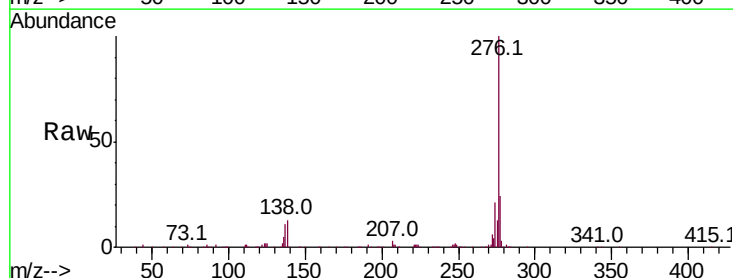
Tgt Ion:276 Resp: 735539

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.3	27.5
138	13.1	9.3	13.9

276 100

277 23.9 18.3 27.5

138 13.1 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

