

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
 Data File : BG043353.D
 Acq On : 28 Oct 2019 17:01
 Operator : JU
 Sample : PB124310BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 29 13:17:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon 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	31568	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	127178	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	102077	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	236964	20.00	ng	0.00
76) Chrysene-d12	21.67	240	283502	20.00	ng	0.00
87) Perylene-d12	24.86	264	325085	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	234235	135.97	ng	0.00
7) Phenol-d6	7.22	99	312417	126.05	ng	0.01
23) Nitrobenzene-d5	9.19	82	154662	62.70	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	205326	105.70	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	432598	58.56	ng	0.00
79) Terphenyl-d14	20.00	244	889311	58.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	29106	43.356	ng	97
3) Pyridine	3.89	79	69846	41.244	ng	93
4) n-Nitrosodimethylamine	3.80	42	39237	45.916	ng	# 79
6) Aniline	7.35	93	101225	35.452	ng	97
8) 2-Chlorophenol	7.60	128	94121	49.493	ng	95
9) Benzaldehyde	7.16	77	53734	44.113	ng	94
10) Phenol	7.24	94	111517	49.237	ng	95
11) bis(2-Chloroethyl)ether	7.44	93	77288	44.137	ng	96
12) 1,3-Dichlorobenzene	7.92	146	103617	43.488	ng	97
13) 1,4-Dichlorobenzene	8.06	146	103784	43.052	ng	96
14) 1,2-Dichlorobenzene	8.38	146	100095	42.526	ng	97
15) Benzyl Alcohol	8.27	79	75503	43.375	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	105678	41.503	ng	96
17) 2-Methylphenol	8.49	107	78224	47.376	ng	95
18) Hexachloroethane	9.11	117	37077	42.630	ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	67457	42.118	ng	96
20) 3+4-Methylphenols	8.82	107	107364	47.420	ng	90
22) Acetophenone	8.85	105	135196	41.511	ng	100
24) Nitrobenzene	9.23	77	104183	44.334	ng	97
25) Isophorone	9.75	82	189054	41.918	ng	97
26) 2-Nitrophenol	9.94	139	52623	46.383	ng	96
27) 2,4-Dimethylphenol	10.01	122	88154	54.213	ng	99
28) bis(2-Chloroethoxy)methane	10.23	93	107573	43.216	ng	99
29) 2,4-Dichlorophenol	10.50	162	96512	46.323	ng	92
30) 1,2,4-Trichlorobenzene	10.69	180	111834	42.589	ng	95
31) Naphthalene	10.88	128	286577	44.393	ng	96
32) Benzoic acid	10.17	122	43861	37.715	ng	96
33) 4-Chloroaniline	11.00	127	56864	21.489	ng	97
34) Hexachlorobutadiene	11.17	225	77746	40.052	ng	96
35) Caprolactam	11.76	113	14340	19.985	ng	# 75
36) 4-Chloro-3-methylphenol	12.13	107	104335	45.910	ng	97
37) 2-Methylnaphthalene	12.48	142	216727	43.755	ng	98
38) 1-Methylnaphthalene	12.70	142	207685	44.068	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	139950	37.046	ng	# 99

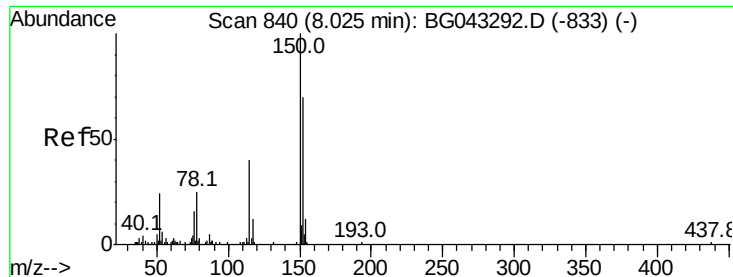
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
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 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	190102	95.795	nq	96
43) 2,4,6-Trichlorophenol	13.09	196	89711	40.324	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	94694	42.102	nq	98
46) 1,1'-Biphenyl	13.49	154	289473	37.277	nq	97
47) 2-Chloronaphthalene	13.53	162	228184	38.620	nq	97
48) 2-Nitroaniline	13.74	65	68722	38.915	nq	99
49) Acenaphthylene	14.37	152	374598	40.736	nq	97
50) Dimethylphthalate	14.10	163	301739	38.163	nq	98
51) 2,6-Dinitrotoluene	14.22	165	66610	38.779	nq	97
52) Acenaphthene	14.71	154	219307	39.107	nq	95
53) 3-Nitroaniline	14.57	138	41742	25.170	nq	87
54) 2,4-Dinitrophenol	14.77	184	71311	67.714	nq	96
55) Dibenzofuran	15.05	168	361655	39.768	nq	100
56) 4-Nitrophenol	14.90	139	94999	85.481	nq	94
57) 2,4-Dinitrotoluene	15.01	165	94609	38.541	nq	97
58) Fluorene	15.70	166	301987	39.593	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	99655	41.703	nq	# 98
60) Diethylphthalate	15.47	149	304223	38.294	nq	97
61) 4-Chlorophenyl-phenylether	15.69	204	173752	39.049	nq	97
62) 4-Nitroaniline	15.73	138	60044	35.058	nq	94
63) Azobenzene	15.98	77	252578	39.284	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	60400	43.312	nq	91
66) n-Nitrosodiphenylamine	15.91	169	271380	40.564	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	120808	37.883	nq	95
68) Hexachlorobenzene	16.71	284	139469	38.100	nq	99
69) Atrazine	16.85	200	116066	49.928	nq	94
70) Pentachlorophenol	17.05	266	154663	92.724	nq	96
71) Phenanthrene	17.44	178	485918	40.045	nq	98
72) Anthracene	17.53	178	503168	41.445	nq	99
73) Carbazole	17.81	167	457503	41.613	nq	99
74) Di-n-butylphthalate	18.35	149	552421	41.411	nq	99
75) Fluoranthene	19.45	202	667549	42.198	nq	99
77) Benzidine	19.63	184	302195	52.965	nq	97
78) Pyrene	19.81	202	682198	38.875	nq	97
80) Butylbenzylphthalate	20.69	149	251065	37.763	nq	99
81) Benzo(a)anthracene	21.64	228	703514	39.616	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	202001	29.409	nq	97
83) Chrysene	21.71	228	690884	39.156	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	369659	39.142	nq	100
85) Di-n-octyl phthalate	22.75	149	633281	39.524	nq	100
86) Indeno(1,2,3-cd)pyrene	28.51	276	882711	39.855	nq	100
88) Benzo(b)fluoranthene	23.85	252	750592	40.767	nq	99
89) Benzo(k)fluoranthene	23.92	252	749759	40.450	nq	99
90) Benzo(a)pyrene	24.71	252	690222	39.257	nq	99
91) Dibenzo(a,h)anthracene	28.56	278	739194	41.104	nq	99
92) Benzo(g,h,i)perylene	29.64	276	739005	41.660	nq	100

(#) = 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: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampleId :

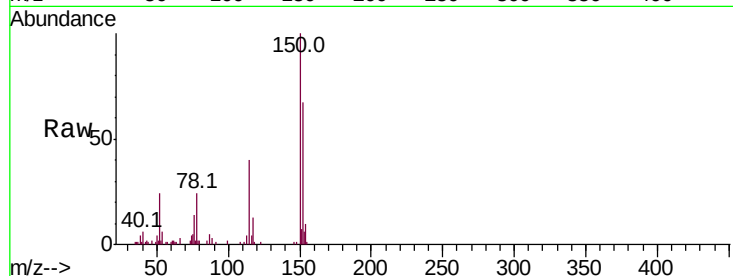
Tot Ion:152 Resp: 31568

Ion Ratio Lower Upper

152 100

150 148.3 113.6 170.4

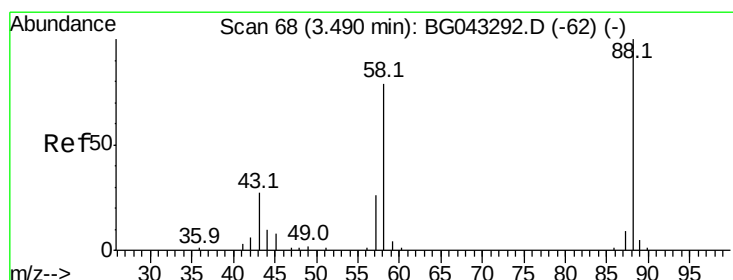
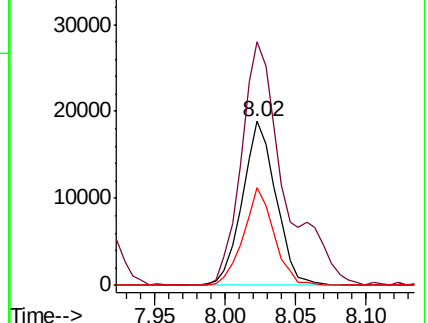
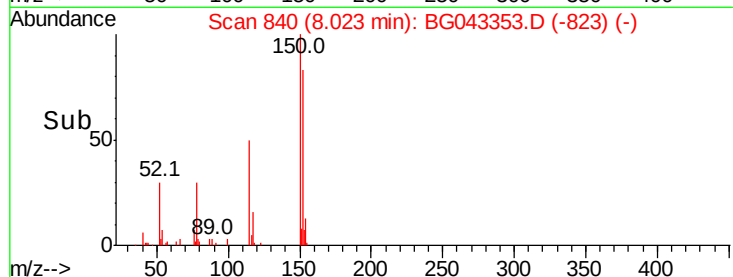
115 59.4 45.9 68.9



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: 43.356 ng

RT: 3.49 min Scan# 69

Delta R.T. 0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

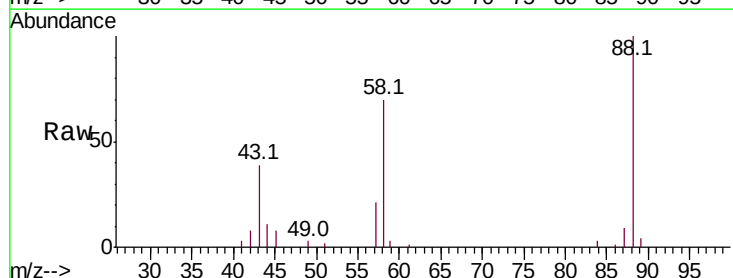
Tgt Ion: 88 Resp: 29106

Ion Ratio Lower Upper

88 100

58 78.2 60.2 90.2

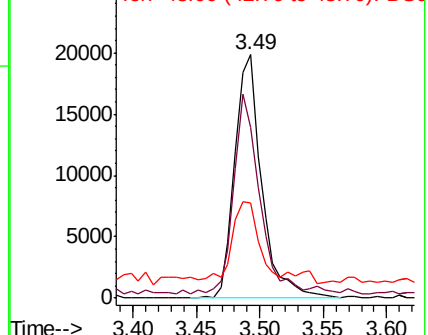
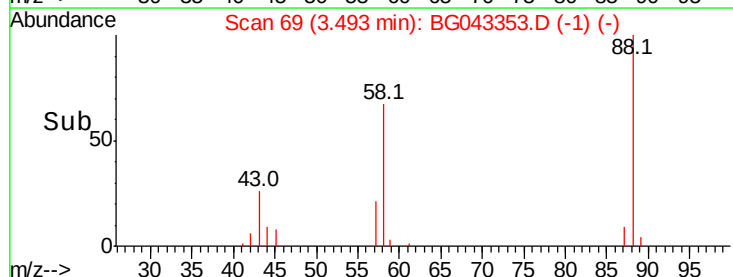
43 30.2 22.7 34.1

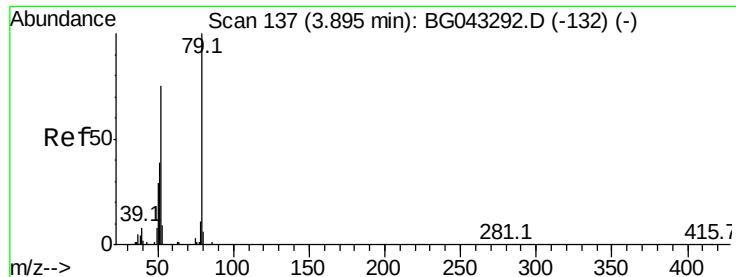


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.244 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

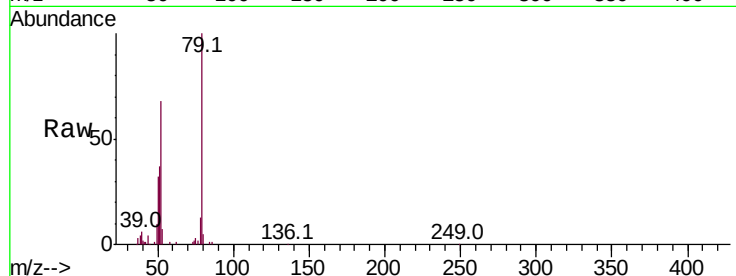
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 69846

Ion	Ratio	Lower	Upper
79	100		
52	68.4	59.7	89.5
51	36.5	31.8	47.6

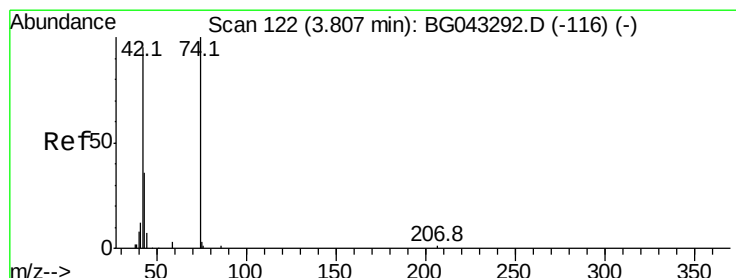
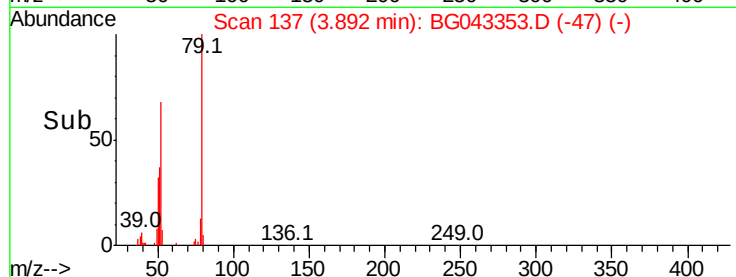
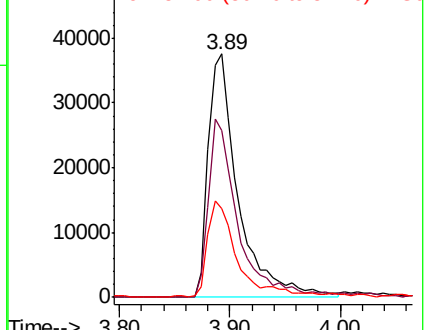


Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 45.916 ng

RT: 3.80 min Scan# 122

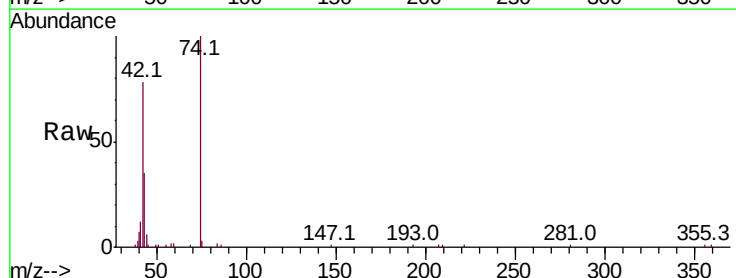
Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Tgt Ion: 42 Resp: 39237

Ion	Ratio	Lower	Upper
42	100		
74	128.1	84.2	126.2#
44	7.7	6.0	9.0

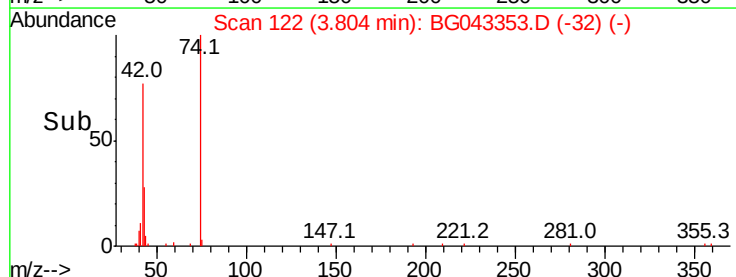
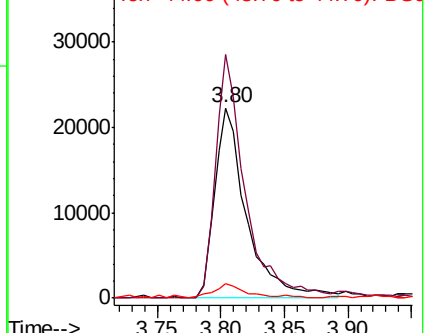


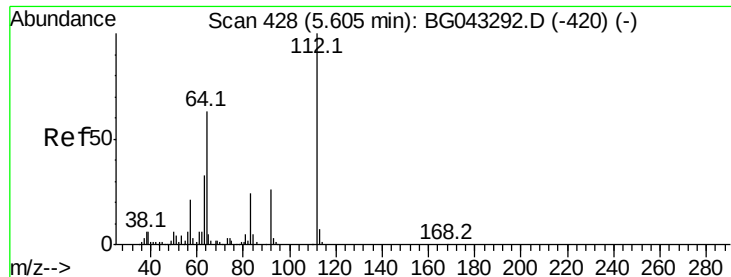
Abundance

Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 135.968 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampleId :

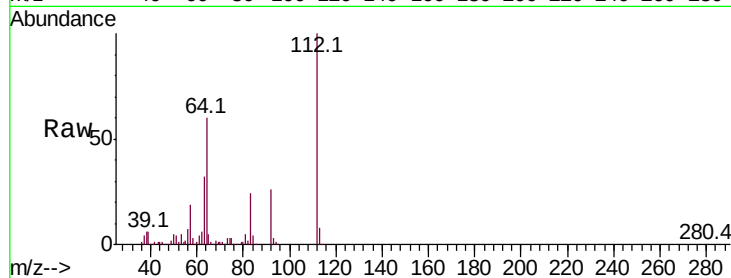
Tot Ion:112 Resp: 234235

Ion Ratio Lower Upper

112 100

64 60.5 50.2 75.2

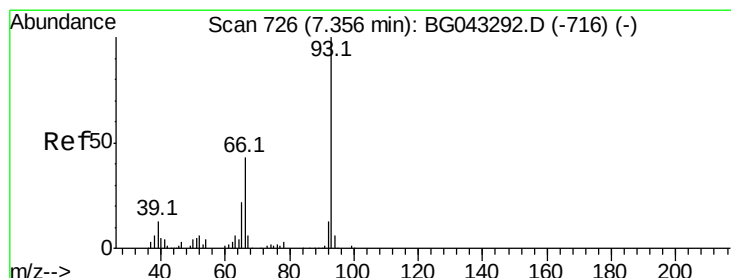
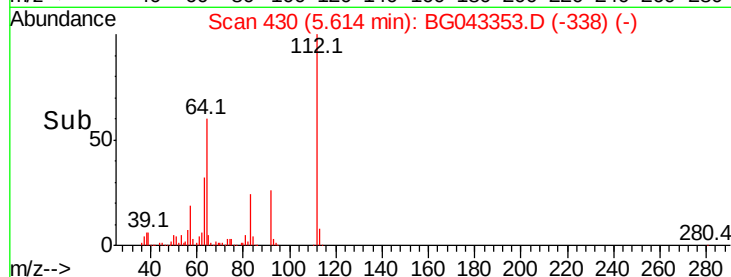
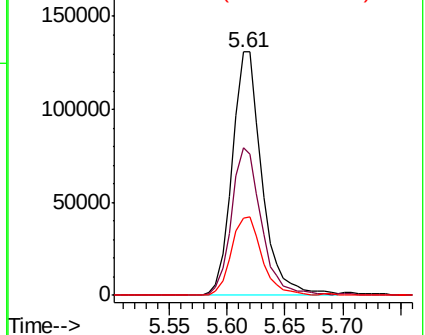
63 32.0 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.452 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

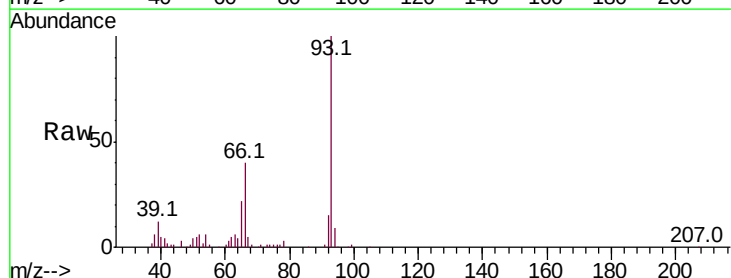
Tgt Ion: 93 Resp: 101225

Ion Ratio Lower Upper

93 100

66 40.4 34.5 51.7

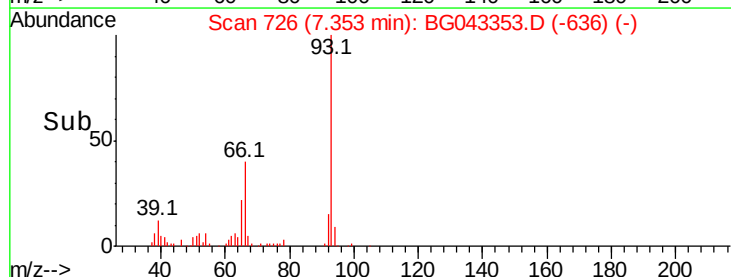
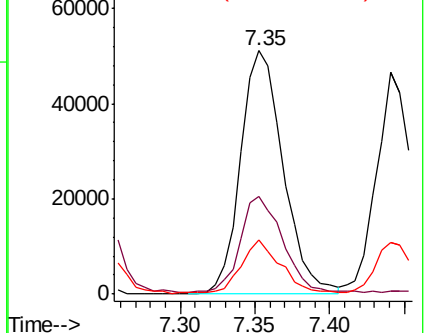
65 22.4 18.0 27.0

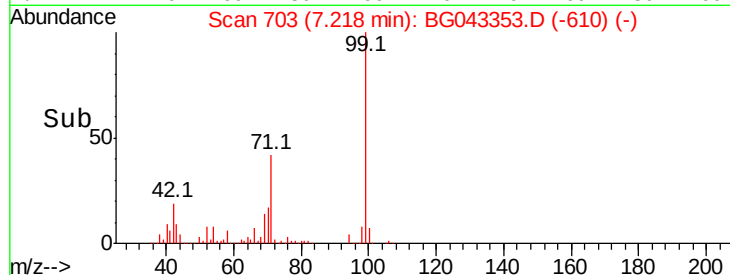
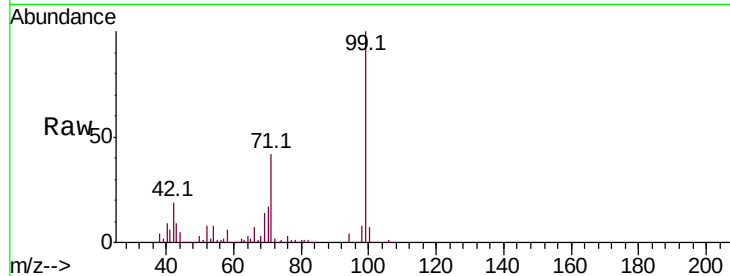
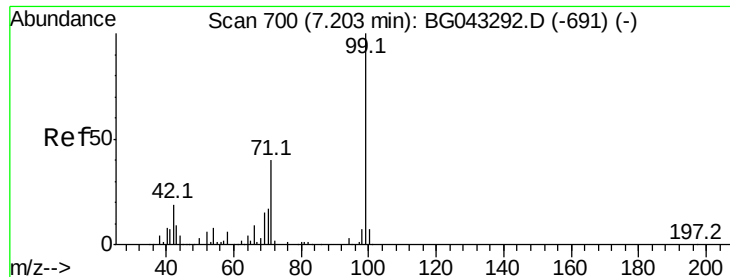


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.046 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampleId :

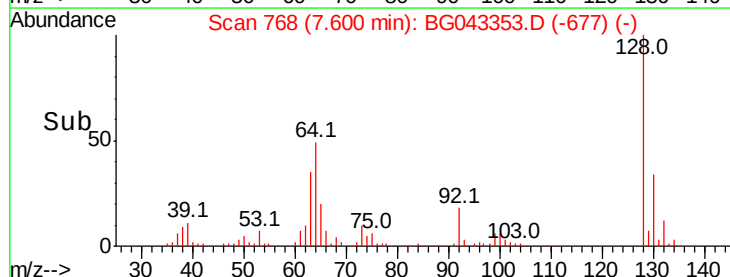
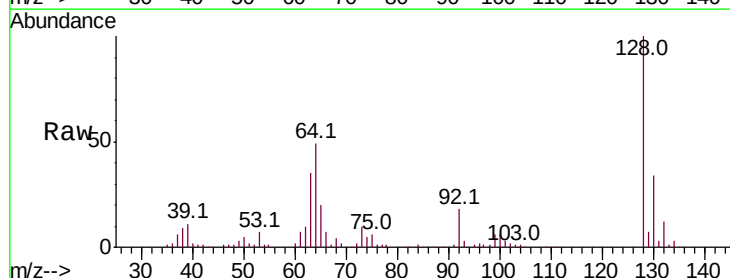
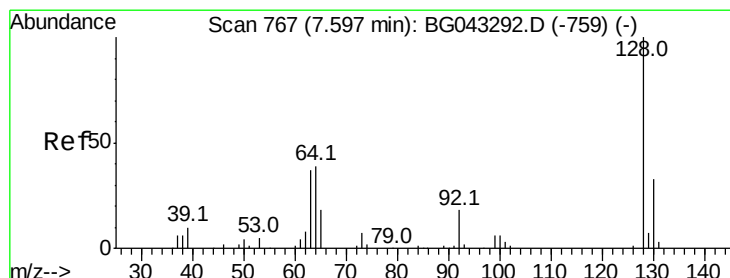
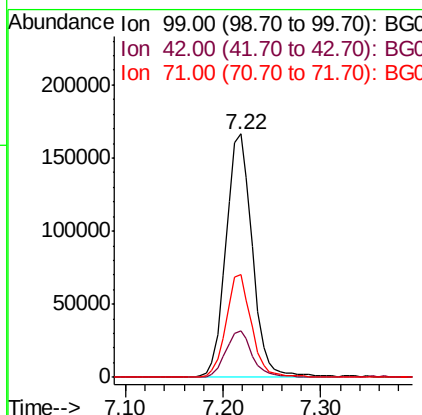
Tot Ion: 99 Resp: 312417

Ion Ratio Lower Upper

99 100

42 18.8 14.9 22.3

71 42.3 32.2 48.2



#8

2-Chlorophenol

Concen: 49.493 ng

RT: 7.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

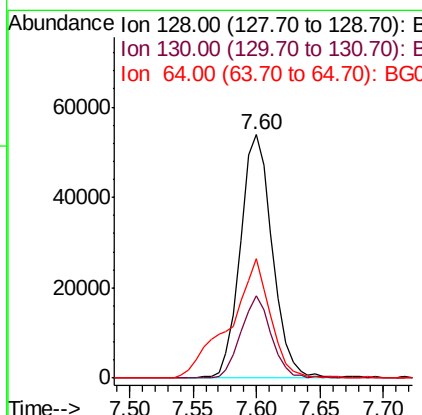
Tgt Ion: 128 Resp: 94121

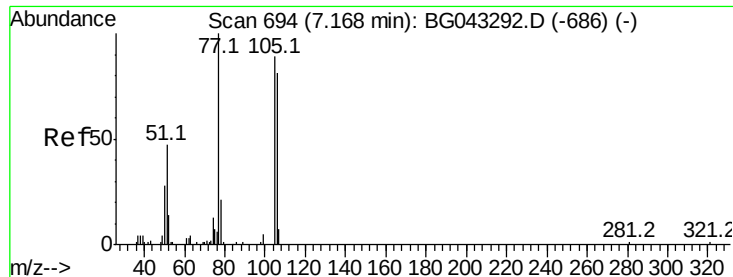
Ion Ratio Lower Upper

128 100

130 33.9 12.9 52.9

64 49.2 24.9 64.9





#9

Benzaldehyde

Concen: 44.113 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampleId :

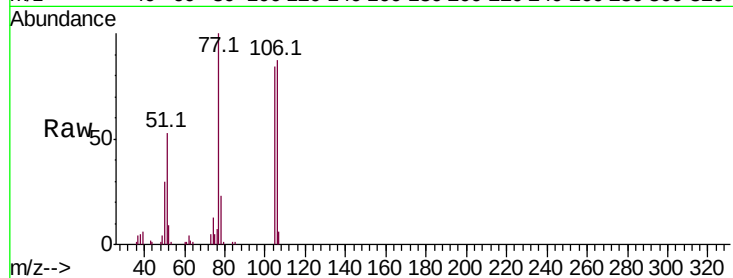
Tot Ion: 77 Resp: 53734

Ion Ratio Lower Upper

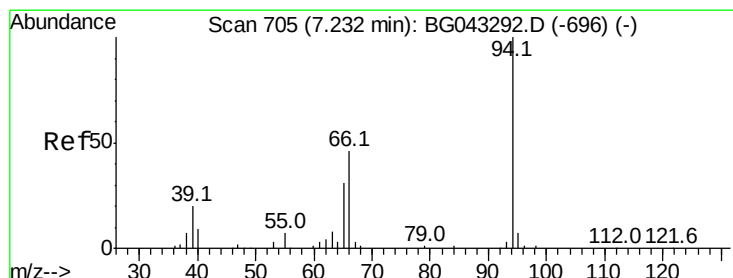
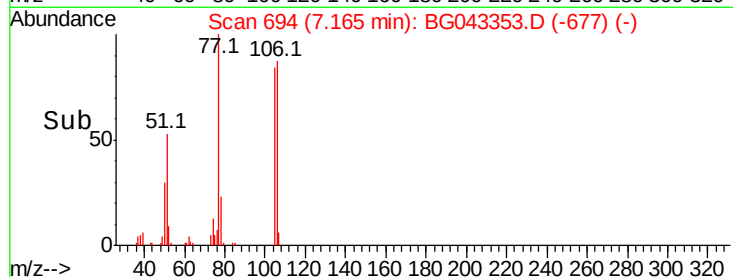
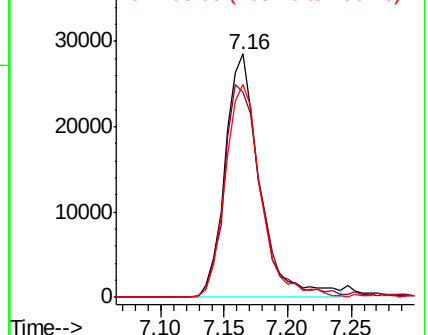
77 100

105 84.1 68.7 108.7

106 87.3 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: 49.237 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

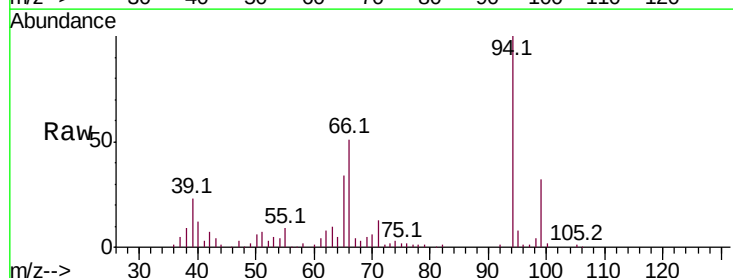
Tgt Ion: 94 Resp: 111517

Ion Ratio Lower Upper

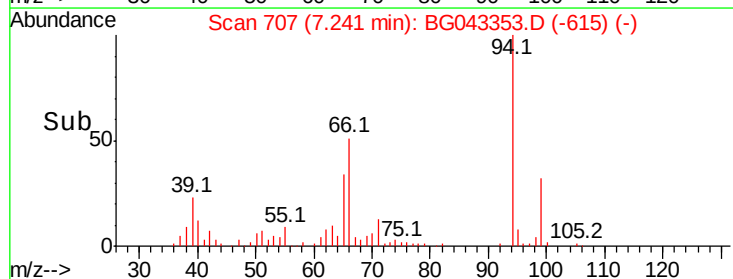
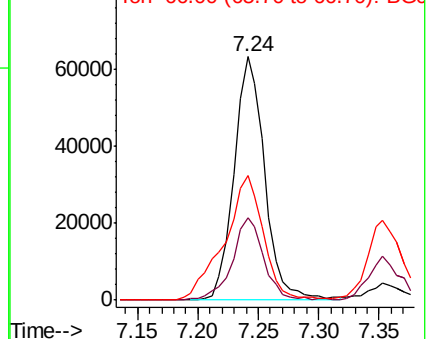
94 100

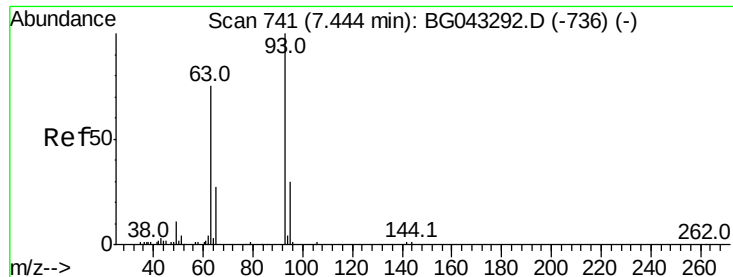
65 33.8 11.1 51.1

66 51.3 27.8 67.8



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





#11

bis(2-Chloroethyl)ether

Concen: 44.137 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampleId :

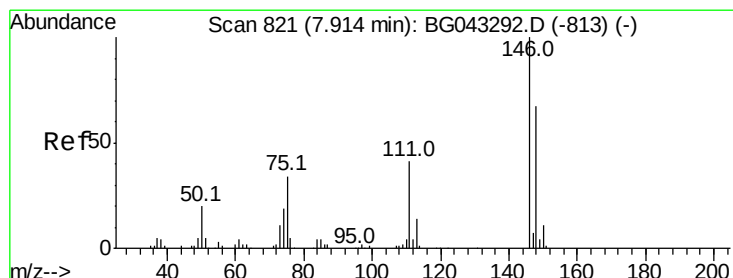
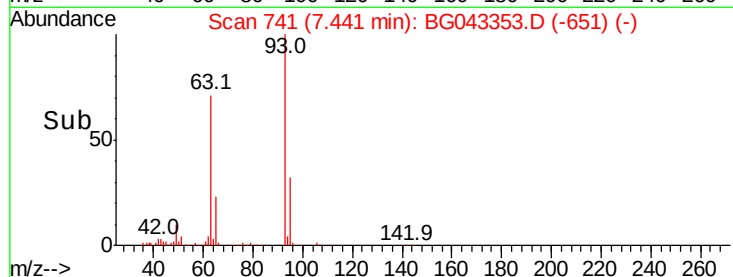
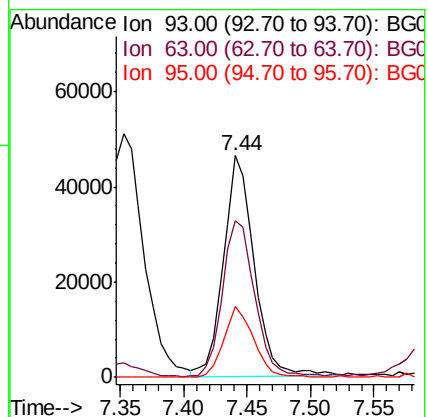
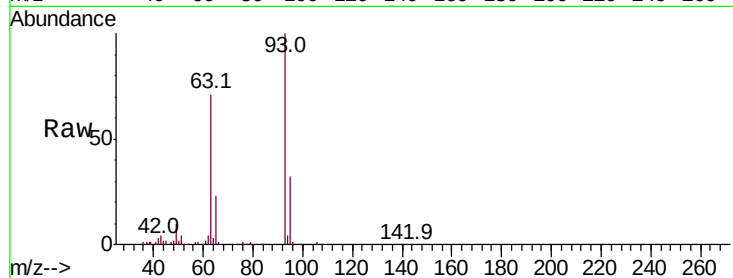
Tot Ion: 93 Resp: 77288

Ion Ratio Lower Upper

93 100

63 70.9 54.6 94.6

95 32.2 9.7 49.7



#12

1,3-Dichlorobenzene

Concen: 43.488 ng

RT: 7.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

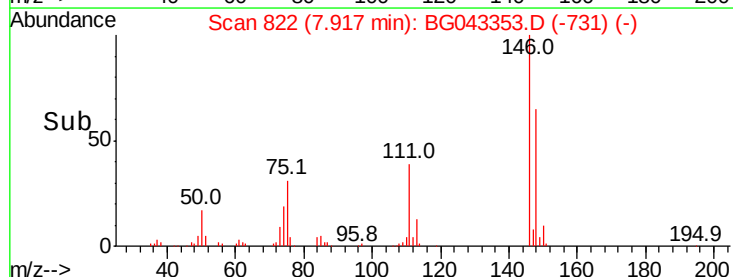
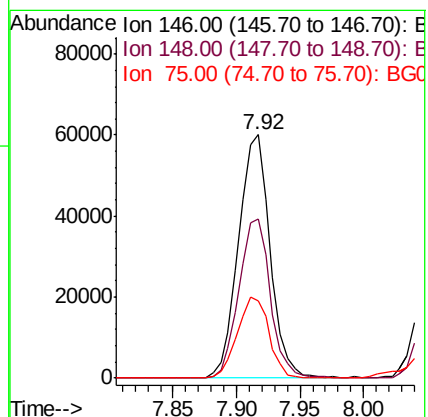
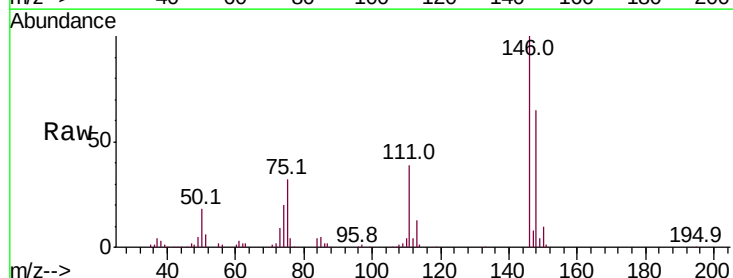
Tgt Ion: 146 Resp: 103617

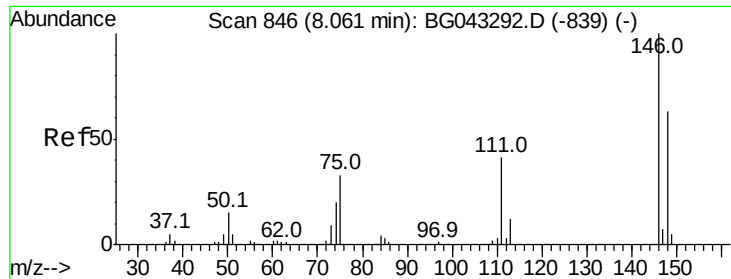
Ion Ratio Lower Upper

146 100

148 65.2 53.4 80.2

75 31.6 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 43.052 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampleId :

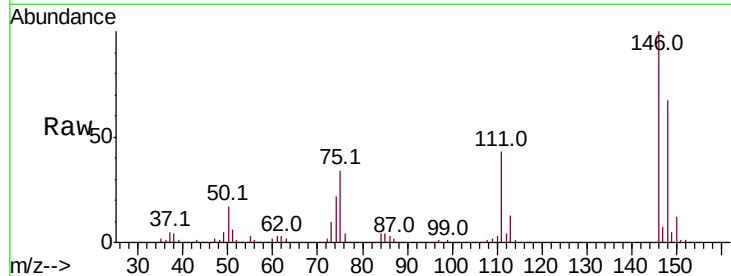
Tot Ion:146 Resp: 103784

Ion Ratio Lower Upper

146 100

148 66.9 50.7 76.1

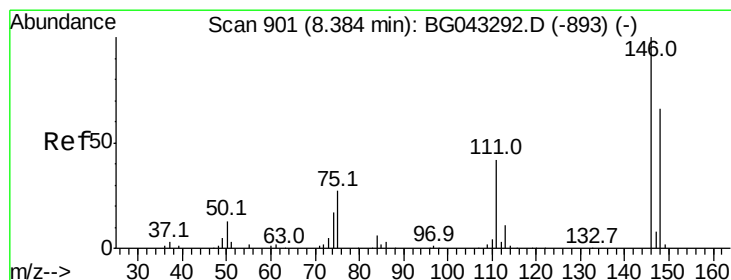
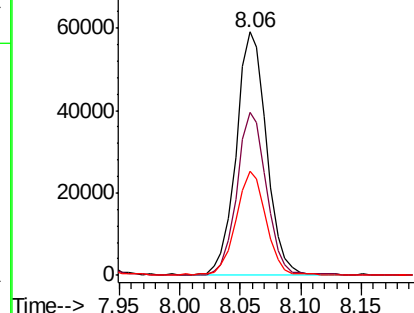
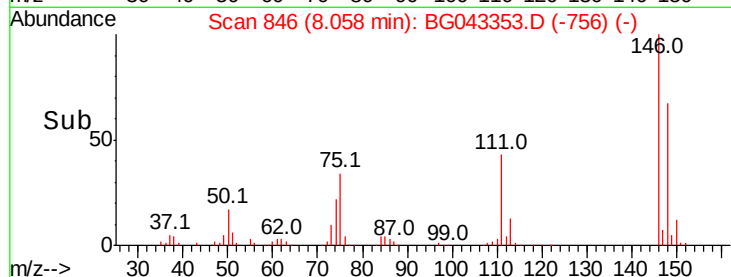
111 43.0 33.0 49.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.526 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

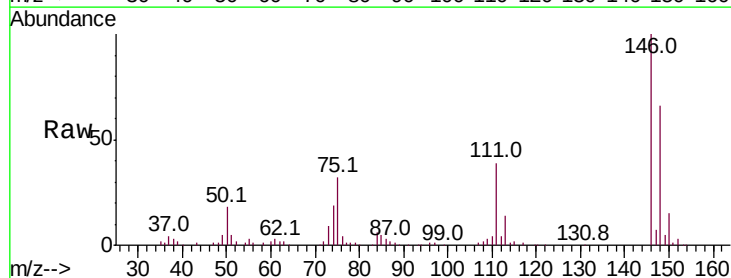
Tgt Ion:146 Resp: 100095

Ion Ratio Lower Upper

146 100

148 65.8 53.0 79.4

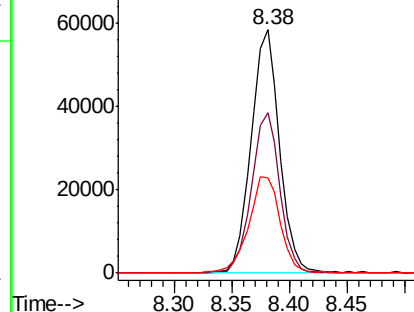
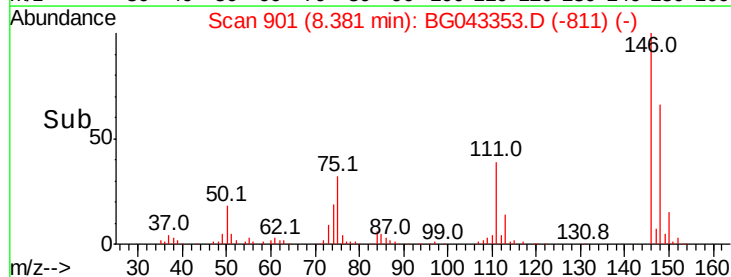
111 39.2 34.5 51.7

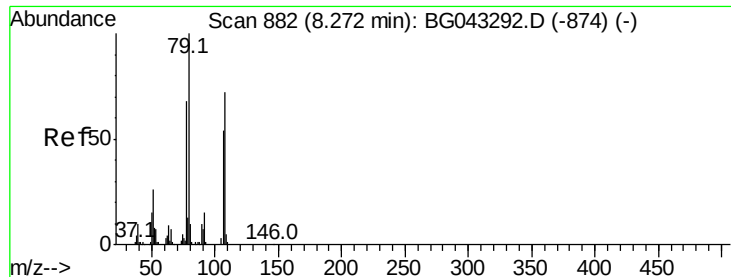


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.375 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampleId :

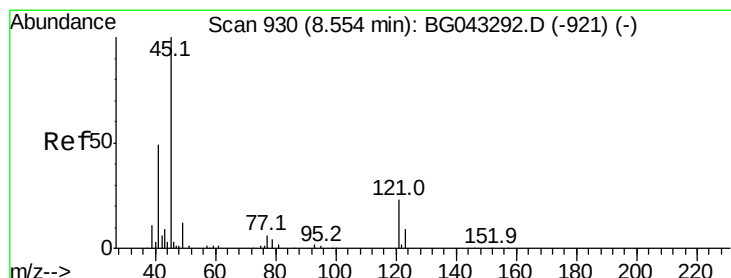
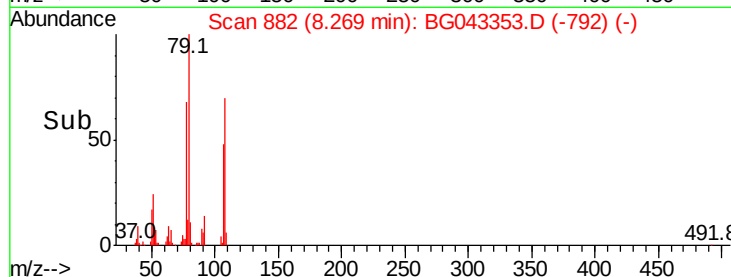
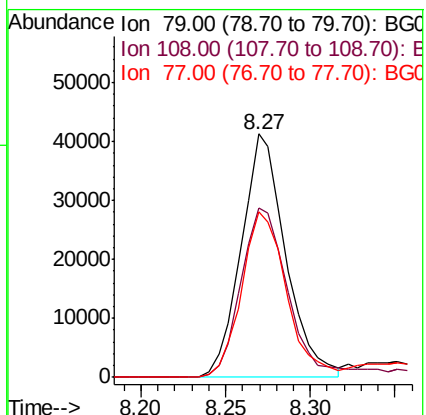
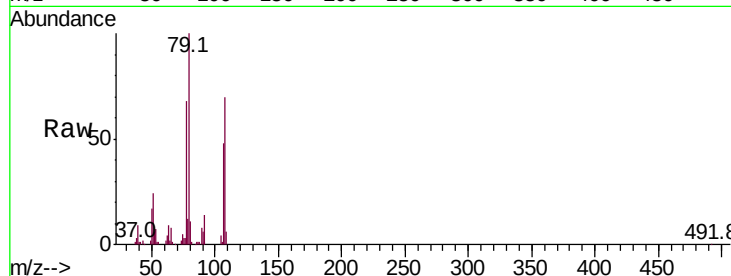
Tot Ion: 79 Resp: 75503

Ion Ratio Lower Upper

79 100

108 69.6 57.3 85.9

77 67.9 54.6 81.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.503 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

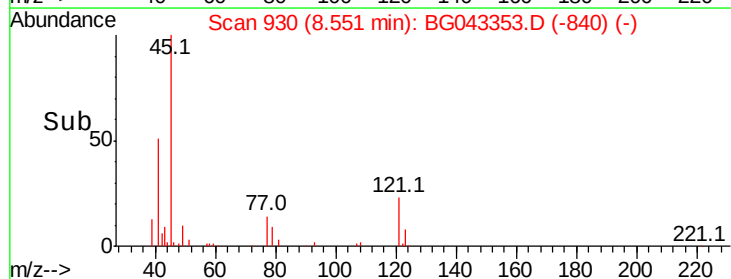
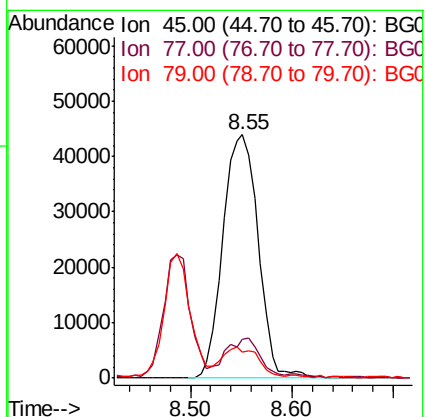
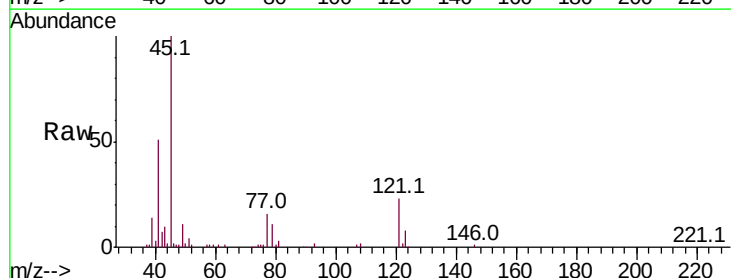
Tgt Ion: 45 Resp: 105678

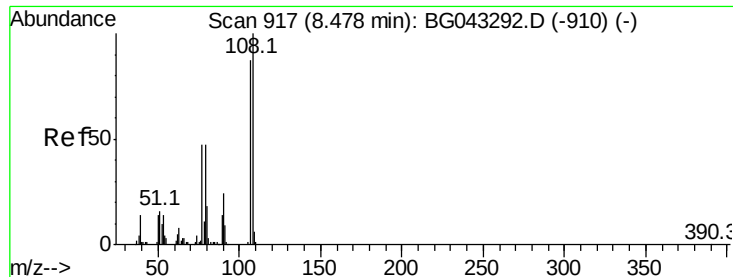
Ion Ratio Lower Upper

45 100

77 15.9 0.0 34.2

79 10.7 0.0 32.3





#17

2-Methylphenol

Concen: 47.376 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 78224

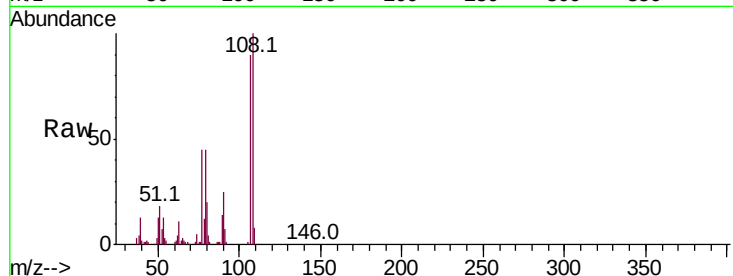
Ion Ratio Lower Upper

107 100

108 110.6 91.3 136.9

77 49.5 43.0 64.6

79 50.3 43.4 65.2

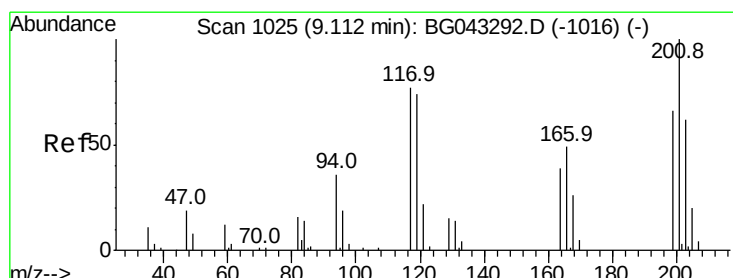
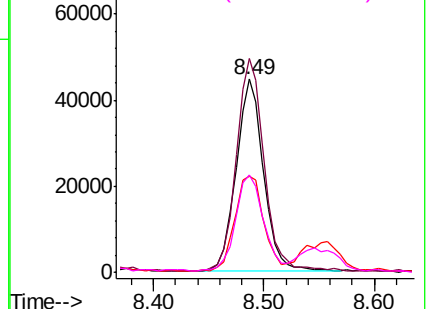
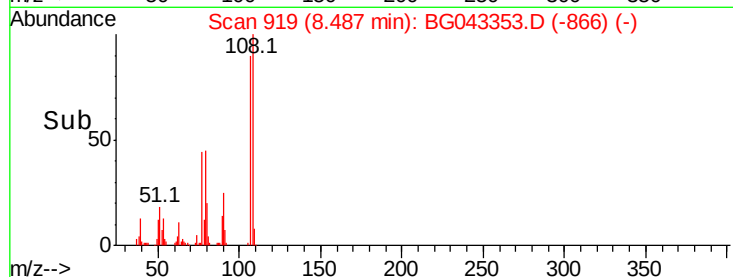


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.630 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

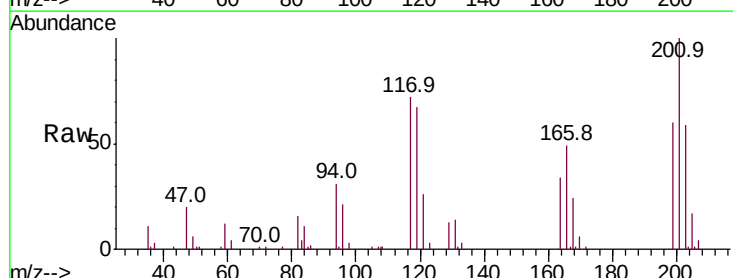
Tgt Ion:117 Resp: 37077

Ion Ratio Lower Upper

117 100

119 93.4 77.3 115.9

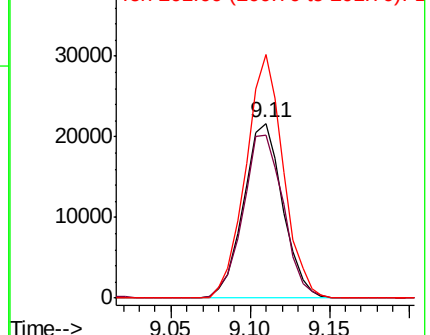
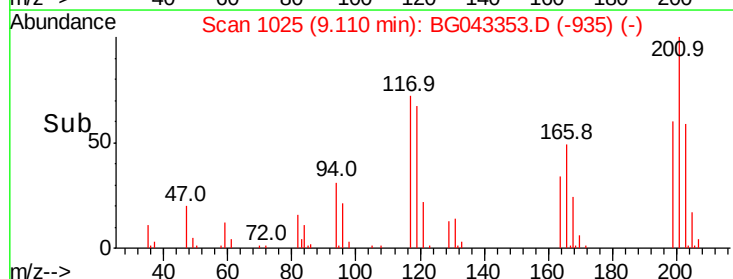
201 139.3 104.2 156.4

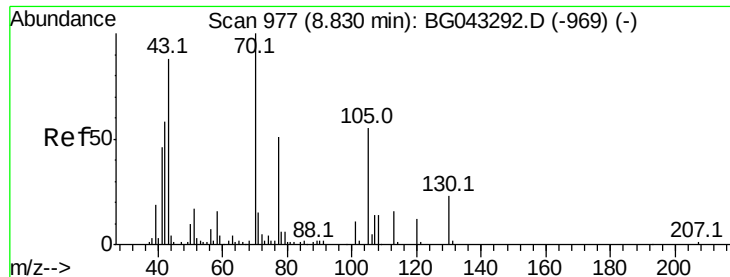


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

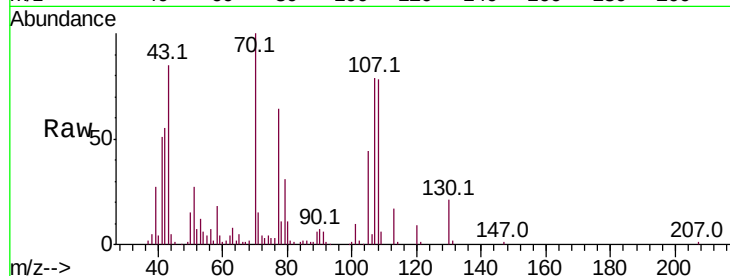




#19
n-Nitroso-di-n-propylamine
Concen: 42.118 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	67457
Ion	Ratio	Lower	Upper
70	100		
42	55.4	46.2	69.2
101	9.9	8.6	13.0
130	20.7	18.6	27.8



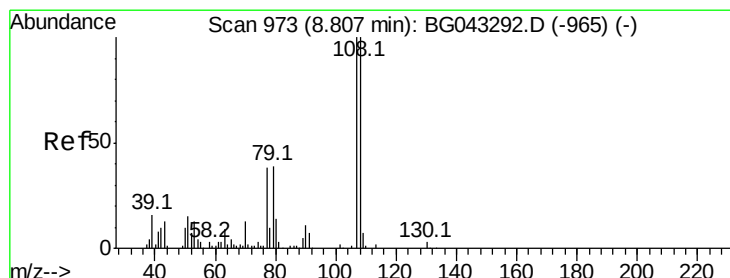
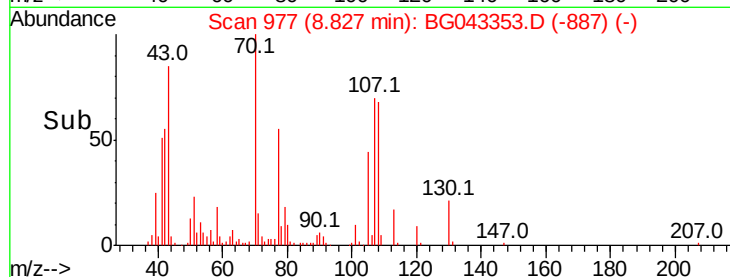
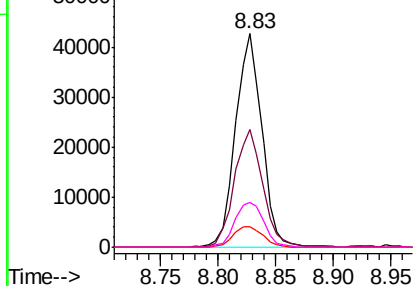
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

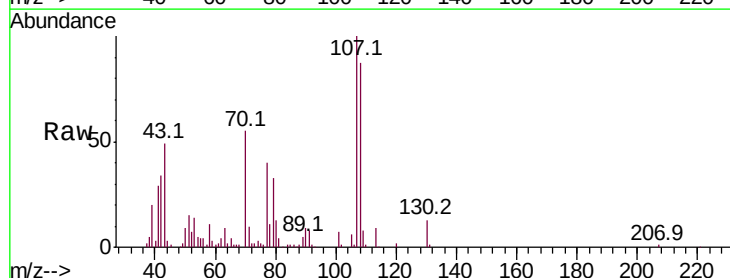
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 47.420 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion:	107	Resp:	107364
Ion	Ratio	Lower	Upper
107	100		
108	86.9	80.3	120.3
77	39.8	18.2	58.2
79	33.3	18.8	58.8



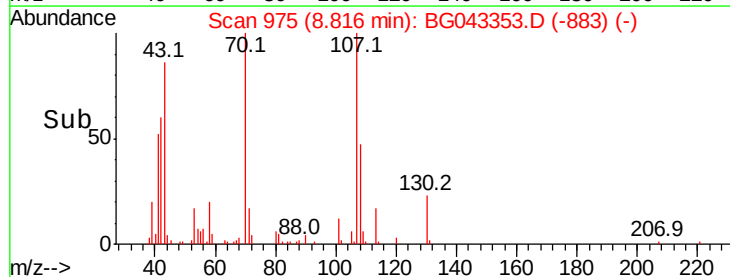
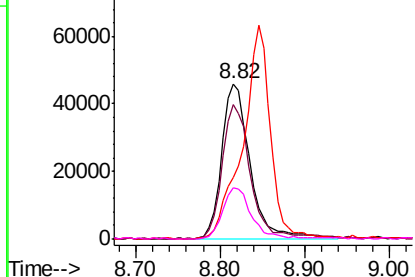
Abundance

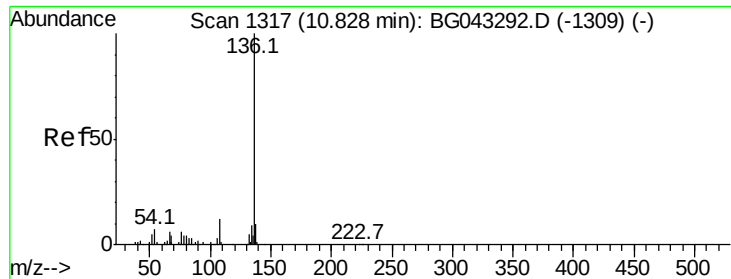
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

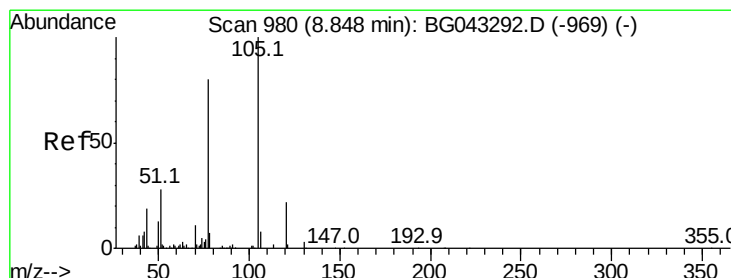
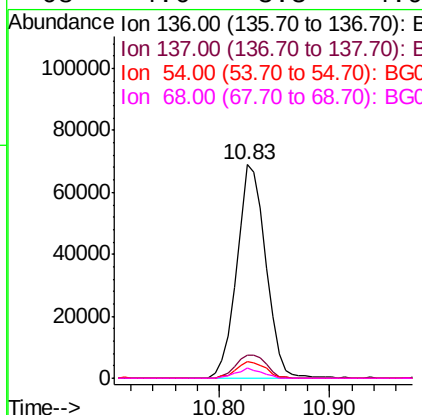
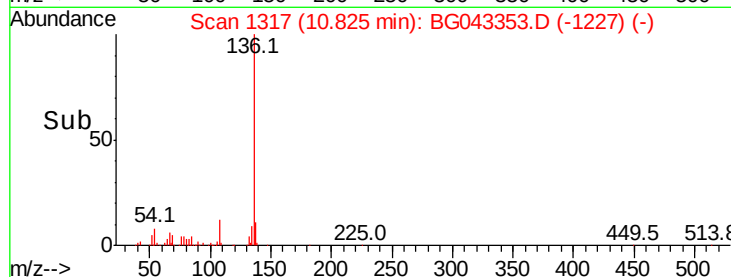
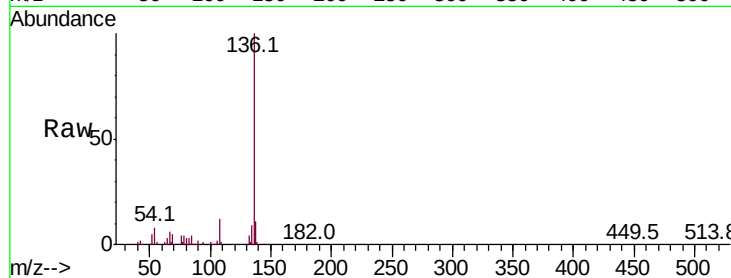




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

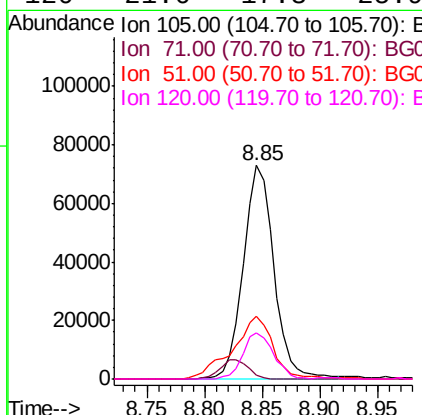
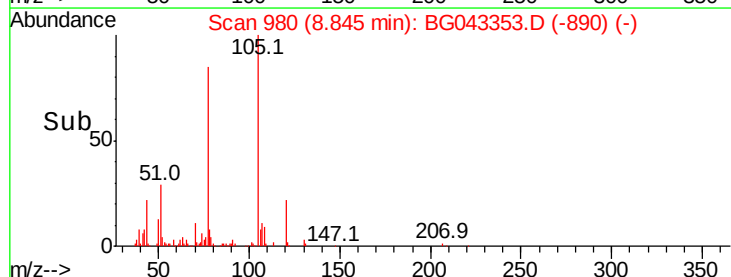
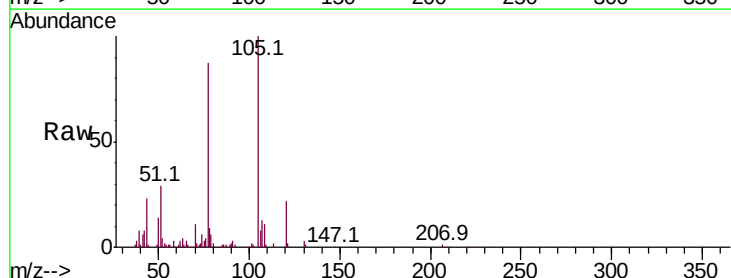
Instrument :
BNA_G
ClientSampleId :

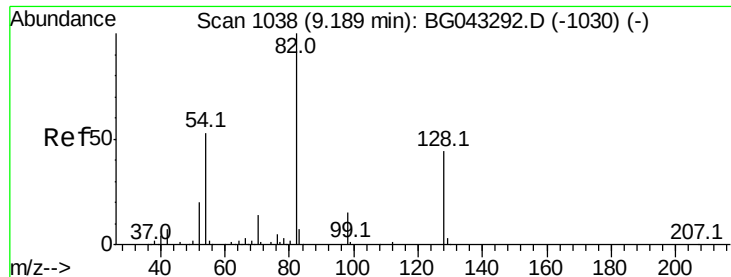
Tot Ion:136	Resp:	127178
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.2	12.2
54 7.8	5.4	8.2
68 4.6	3.3	4.9



#22
Acetophenone
Concen: 41.511 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt	Ion:105	Resp:	135196
Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.5	2.3
51	29.5	23.9	35.9
120	21.6	17.3	25.9

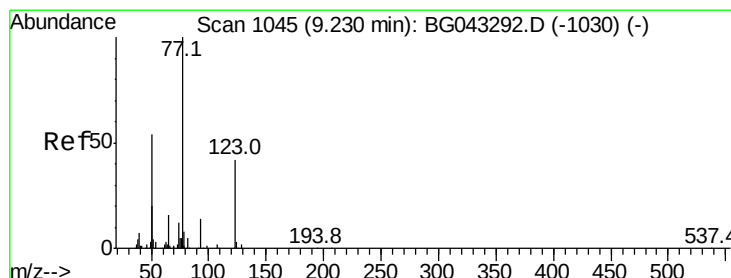
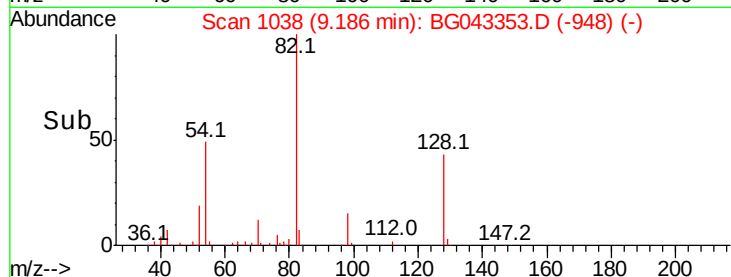
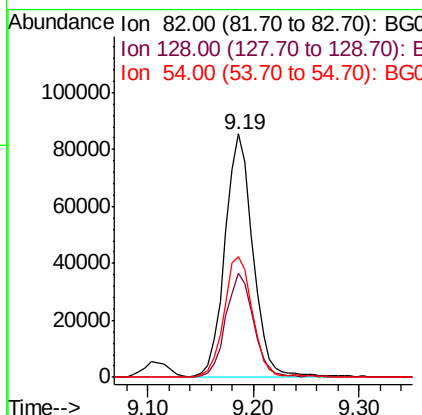
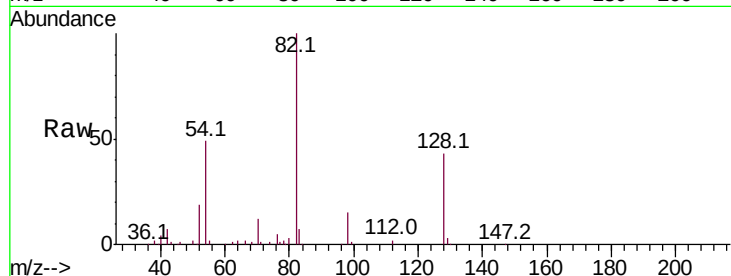




#23
 Nitrobenzene-d5
 Concen: 62.696 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

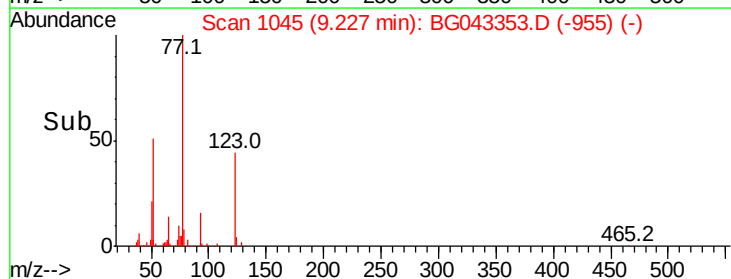
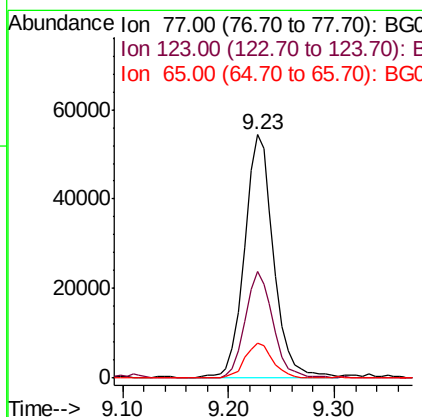
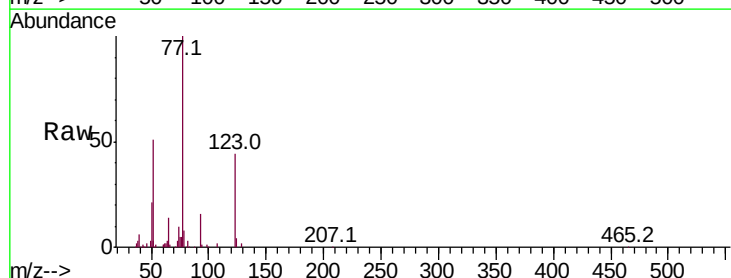
Instrument :
 BNA_G
 ClientSampleId :

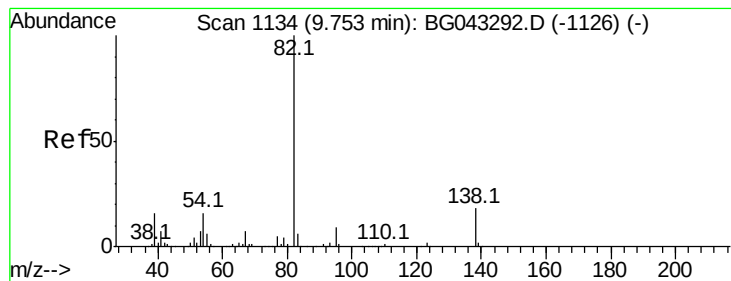
Tot Ion: 82 Resp: 154662
 Ion Ratio Lower Upper
 82 100
 128 42.6 35.3 52.9
 54 49.4 42.3 63.5



#24
 Nitrobenzene
 Concen: 44.334 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Tgt Ion: 77 Resp: 104183
 Ion Ratio Lower Upper
 77 100
 123 43.9 33.8 50.8
 65 14.4 13.0 19.4





#25

Isophorone

Concen: 41.918 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampleId :

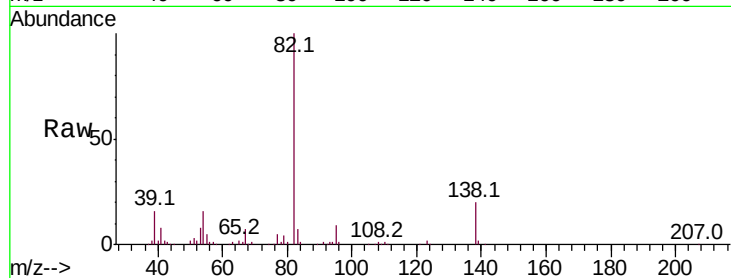
Tot Ion: 82 Resp: 189054

Ion Ratio Lower Upper

82 100

95 8.7 6.9 10.3

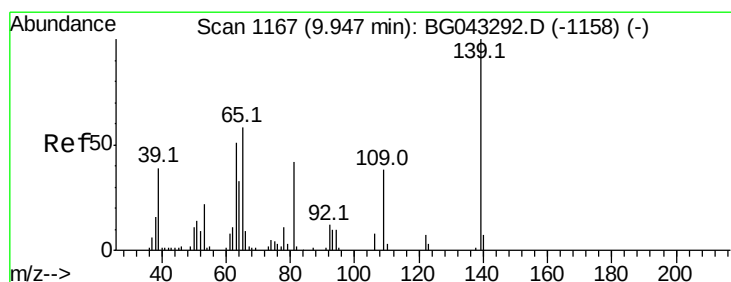
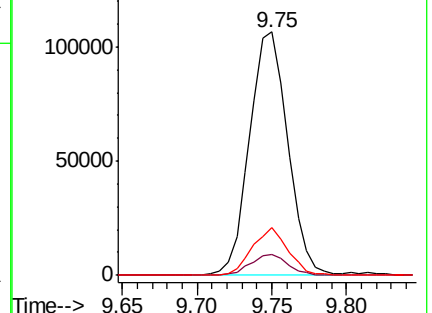
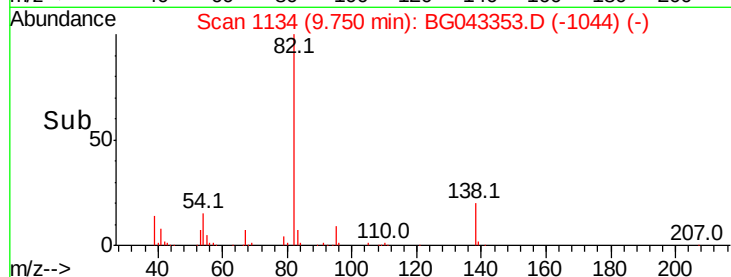
138 19.7 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BG043353.D (-1044) (-)

Ion 95.00 (94.70 to 95.70): BG043353.D (-1044) (-)

Ion 138.00 (137.70 to 138.70): BG043353.D (-1044) (-)



#26

2-Nitrophenol

Concen: 46.383 ng

RT: 9.94 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

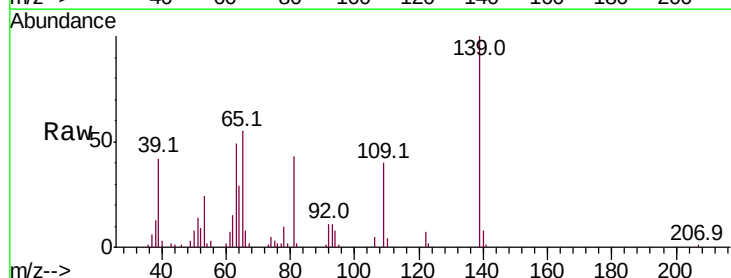
Tgt Ion: 139 Resp: 52623

Ion Ratio Lower Upper

139 100

109 39.6 30.1 45.1

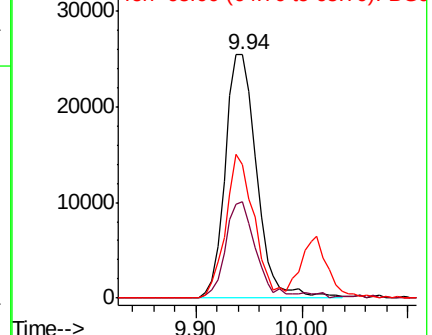
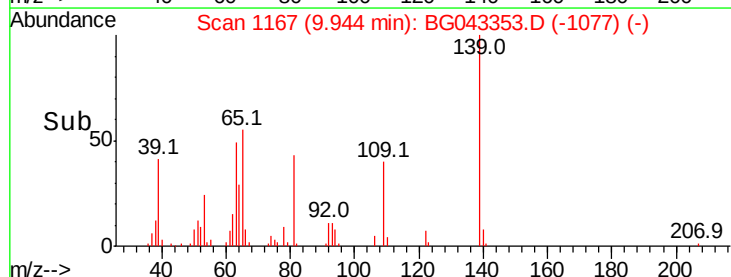
65 54.7 46.1 69.1

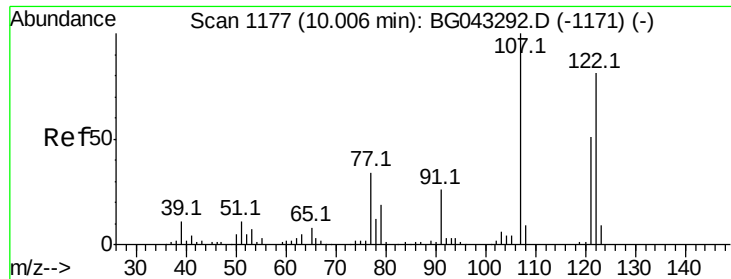


Abundance Ion 139.00 (138.70 to 139.70): BG043353.D (-1077) (-)

Ion 109.00 (108.70 to 109.70): BG043353.D (-1077) (-)

Ion 65.00 (64.70 to 65.70): BG043353.D (-1077) (-)

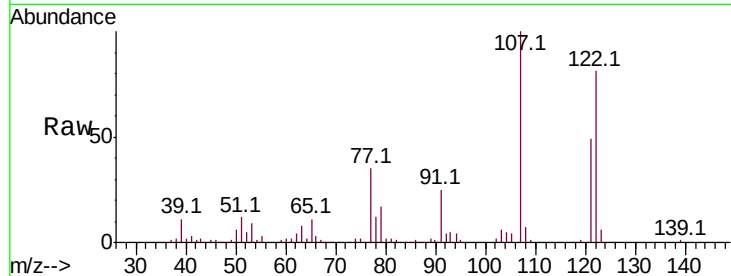




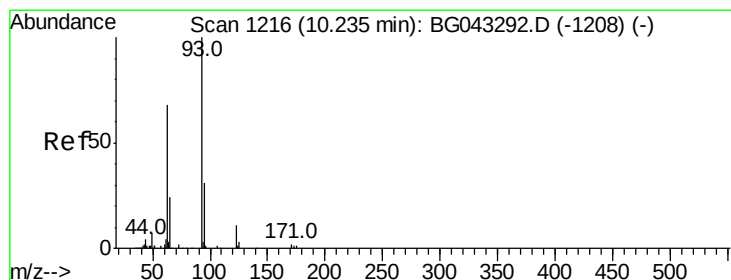
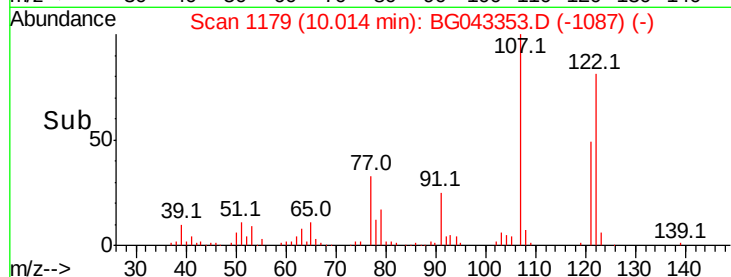
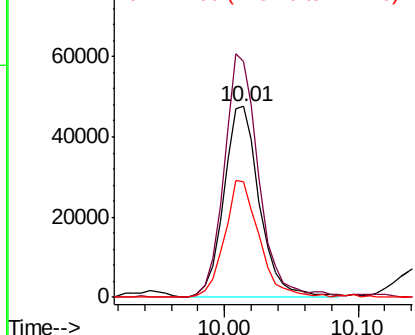
#27
 2,4-Dimethylphenol
 Concen: 54.213 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 88154
 Ion Ratio Lower Upper
 122 100
 107 123.6 98.6 147.8
 121 60.8 50.1 75.1

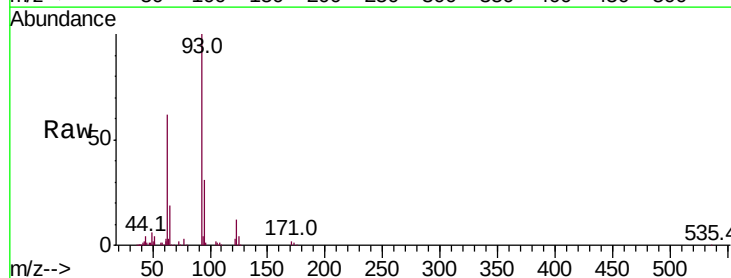


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

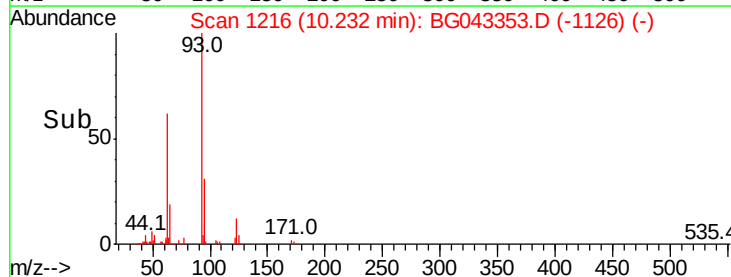
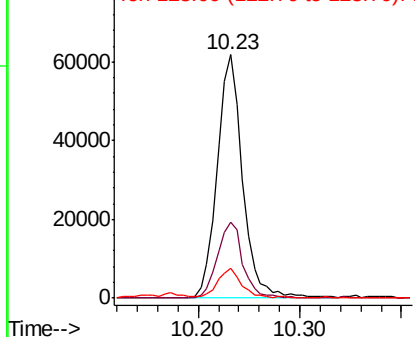


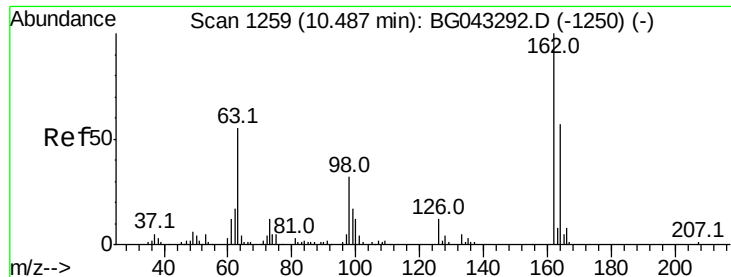
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.216 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Tgt Ion: 93 Resp: 107573
 Ion Ratio Lower Upper
 93 100
 95 31.0 24.9 37.3
 123 12.2 8.9 13.3



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

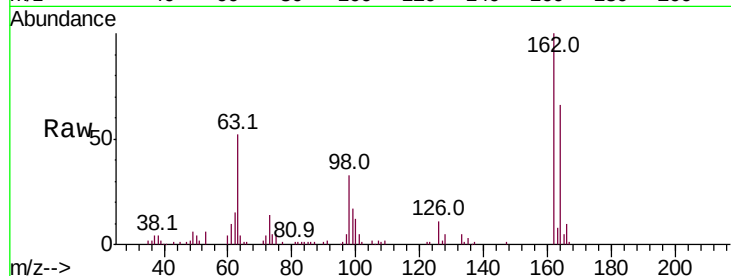




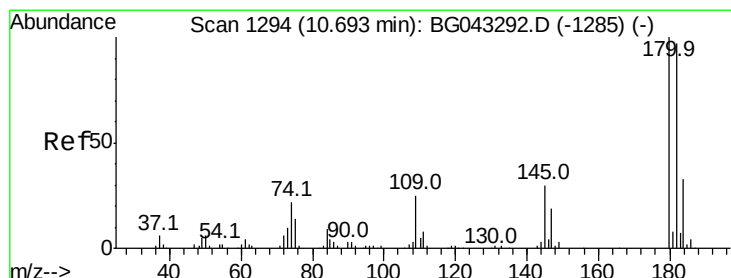
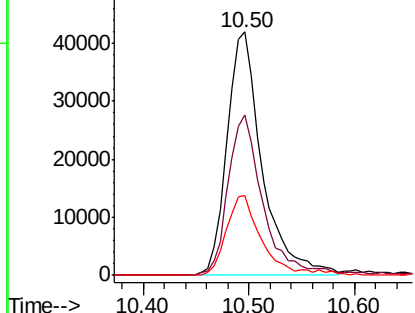
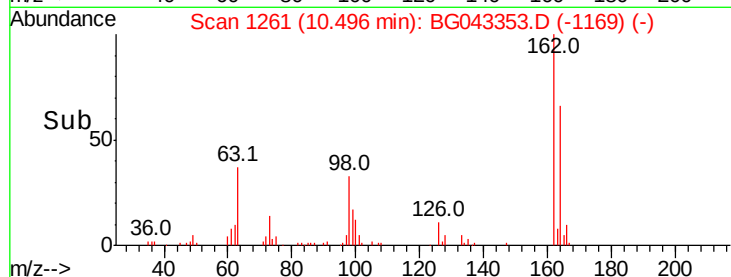
#29
 2,4-Dichlorophenol
 Concen: 46.323 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. 0.01 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	37.3	77.3
98	32.8	11.8	51.8

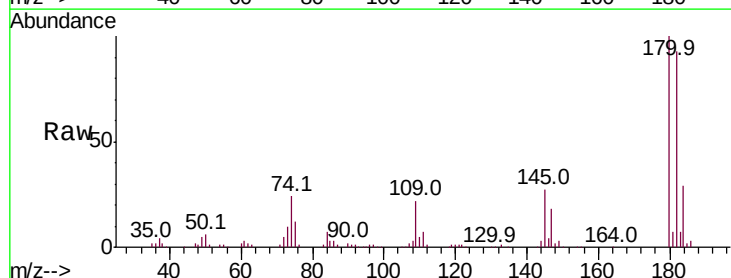


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

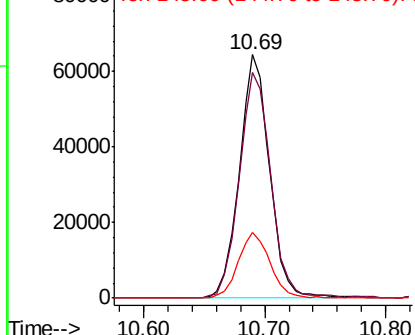
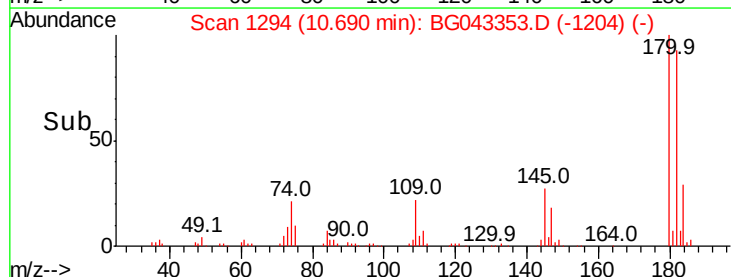


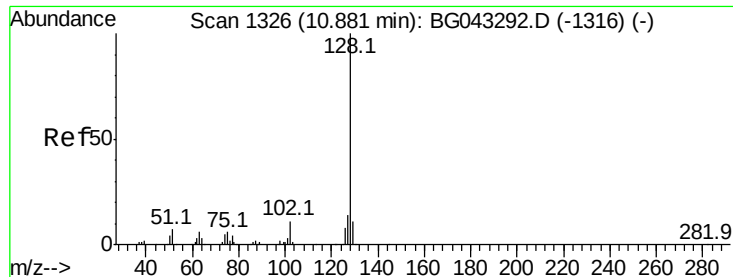
#30
 1,2,4-Trichlorobenzene
 Concen: 42.589 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	77.8	116.8
145	27.1	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

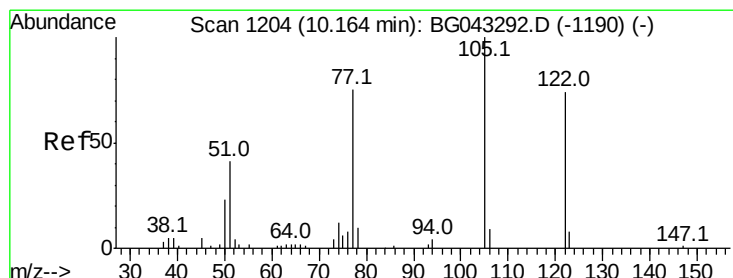
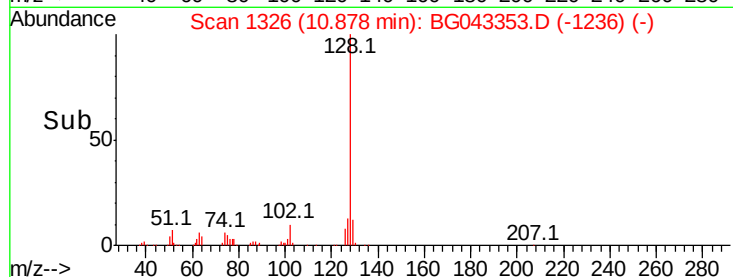
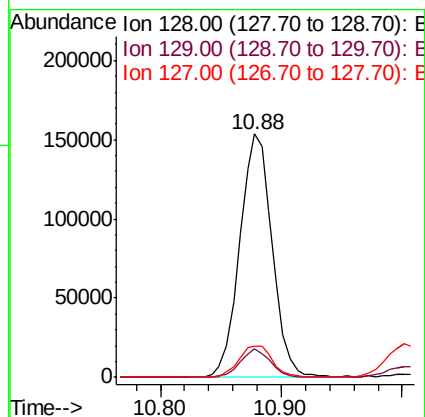
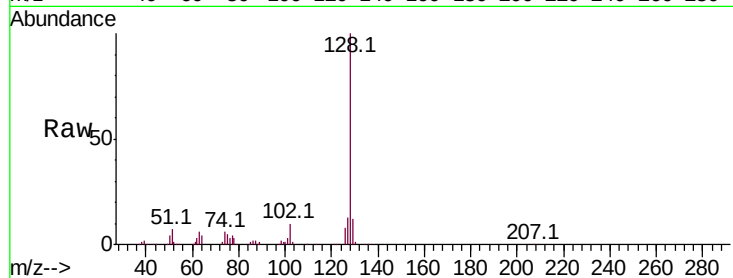




#31
Naphthalene
Concen: 44.393 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

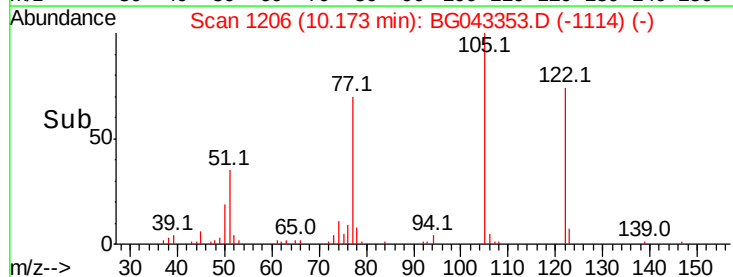
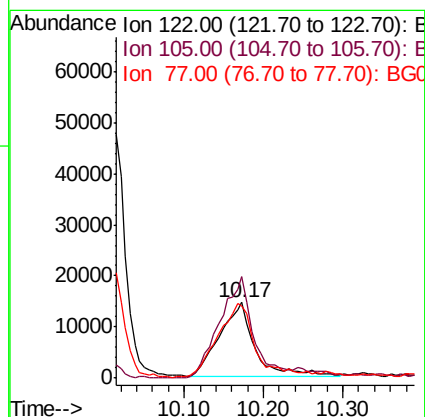
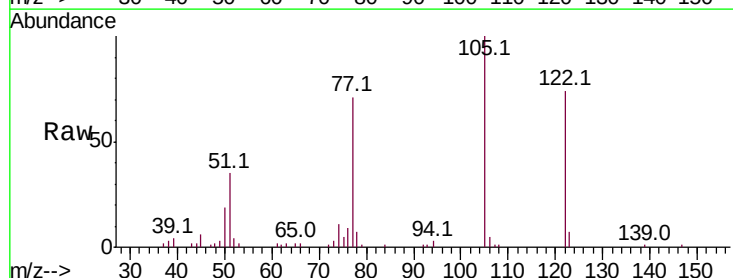
Instrument :
BNA_G
ClientSampleId :

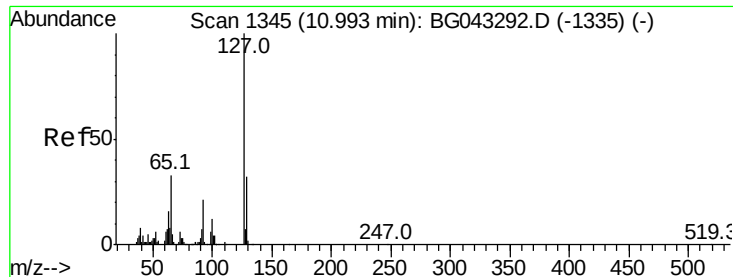
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	12.5	11.5	17.3



#32
Benzoic acid
Concen: 37.715 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.3	112.4	152.4
77	95.6	82.7	122.7

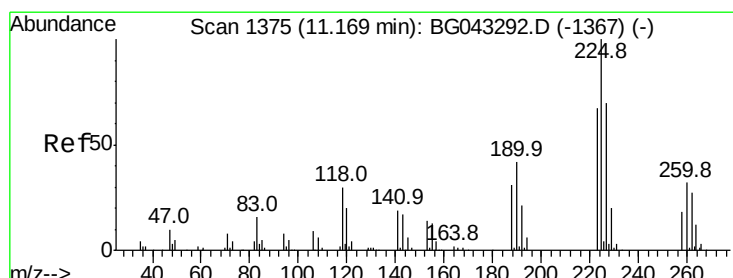
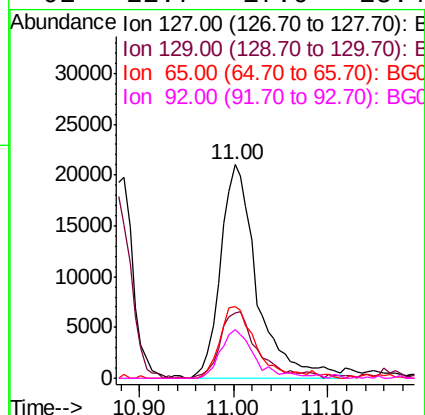
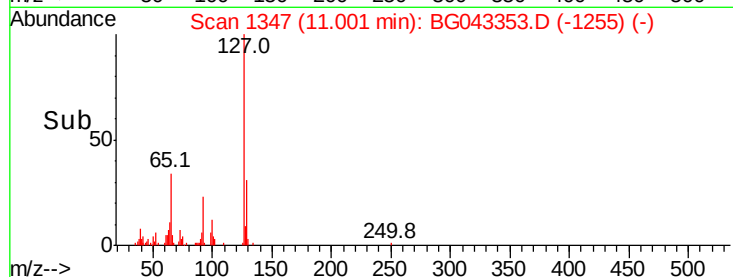
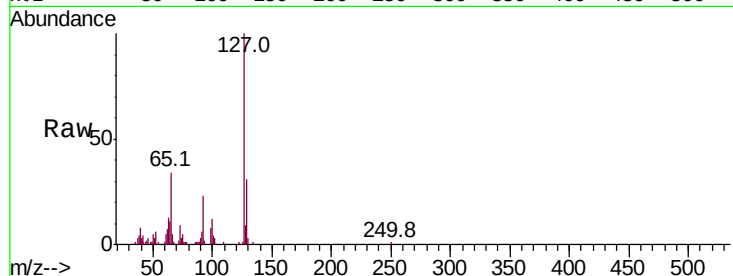




#33
4-Chloroaniline
Concen: 21.489 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

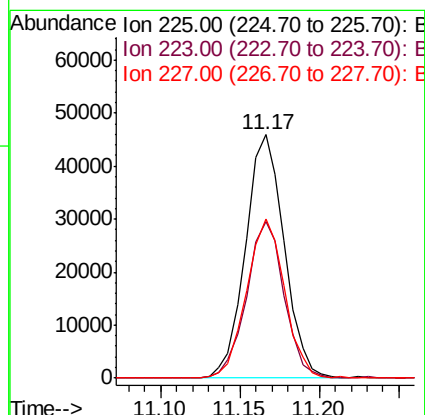
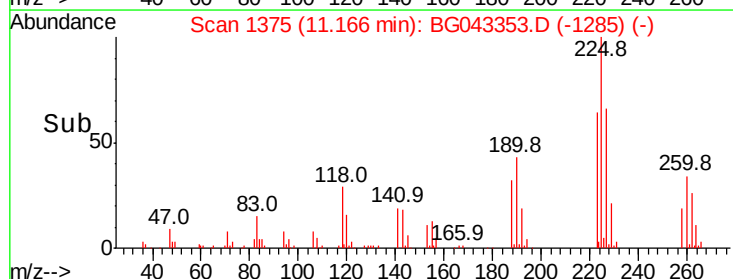
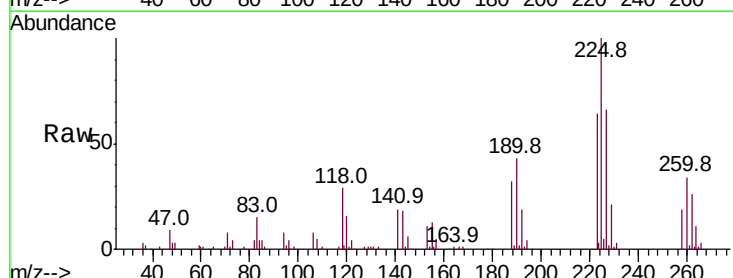
Instrument :
BNA_G
ClientSampleId :

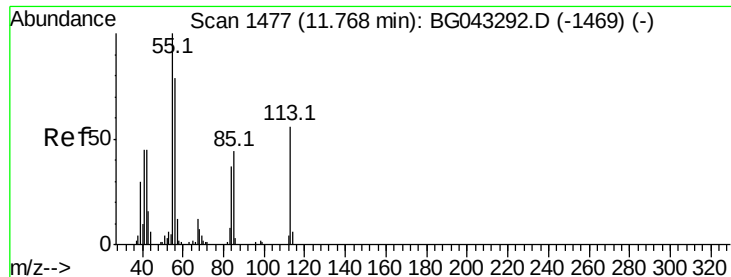
Tot Ion:	127	Resp:	56864
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.8	38.8
65	33.6	26.2	39.2
92	22.7	17.0	25.4



#34
Hexachlorobutadiene
Concen: 40.052 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion:	225	Resp:	77746
Ion	Ratio	Lower	Upper
225	100		
223	64.4	53.2	79.8
227	65.6	56.2	84.2





#35

Caprolactam

Concen: 19.985 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampleId :

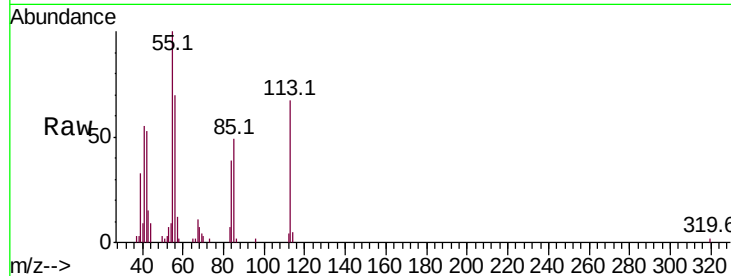
Tot Ion:113 Resp: 14340

Ion Ratio Lower Upper

113 100

55 149.0 158.9 198.9#

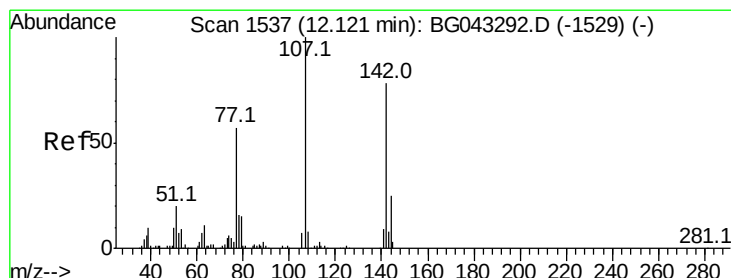
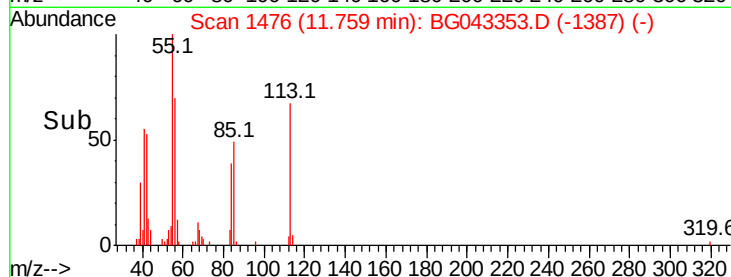
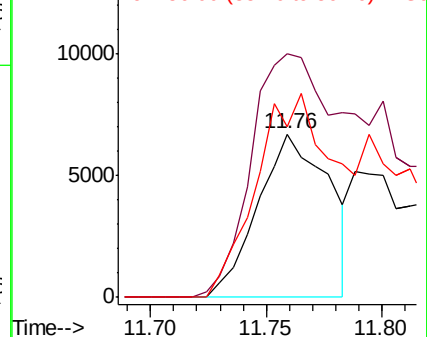
56 104.4 121.4 161.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 45.910 ng

RT: 12.13 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

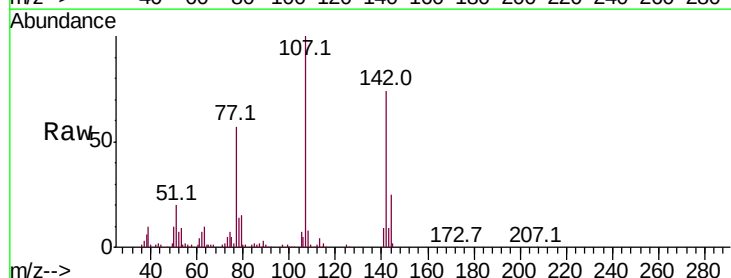
Tgt Ion:107 Resp: 104335

Ion Ratio Lower Upper

107 100

144 25.0 19.9 29.9

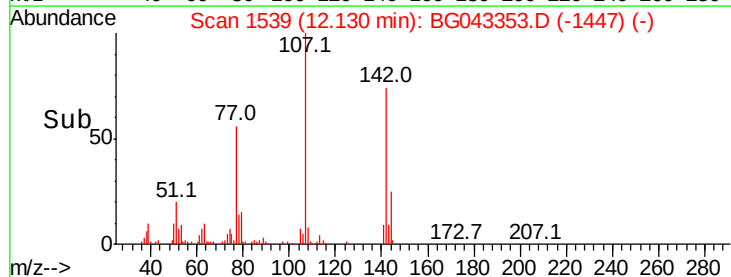
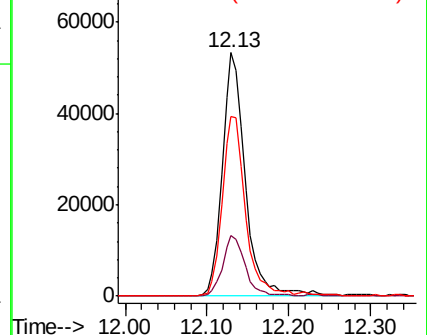
142 74.0 62.1 93.1

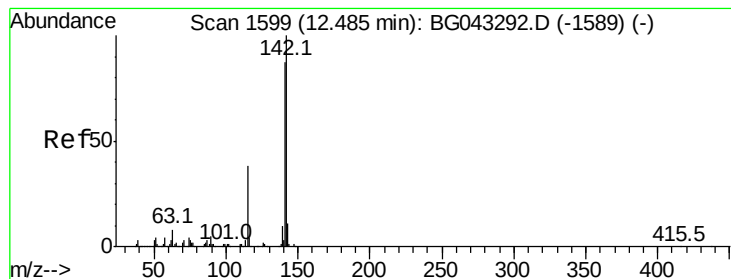


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.755 ng

RT: 12.48 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

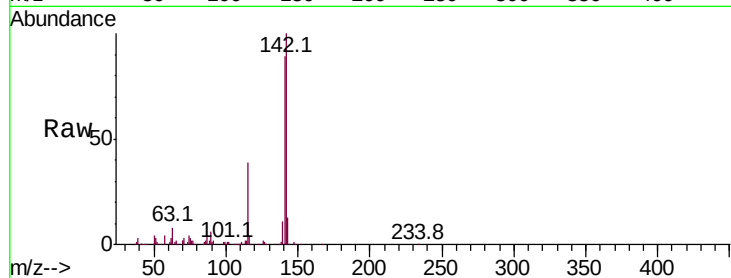
Instrument :

BNA_G

ClientSampleId :

Tot Ion:142 Resp: 216727

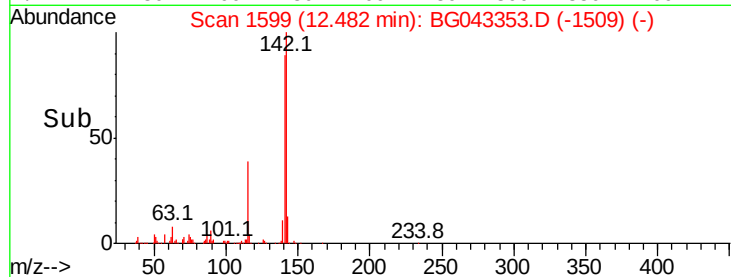
Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.7	104.5
115	39.4	30.6	46.0



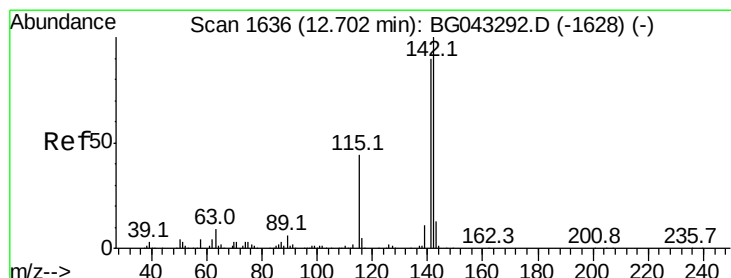
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#38

1-Methylnaphthalene

Concen: 44.068 ng

RT: 12.70 min Scan# 1636

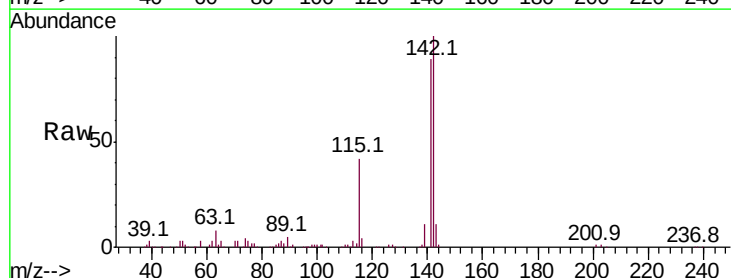
Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Tgt Ion:142 Resp: 207685

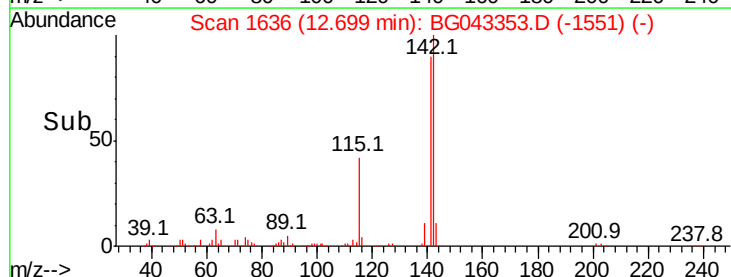
Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.3	108.5
116	3.8	3.8	5.6



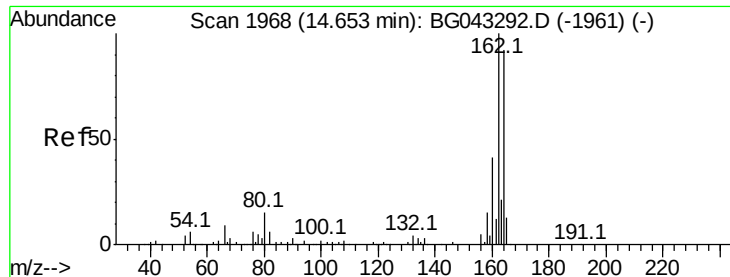
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampleId :

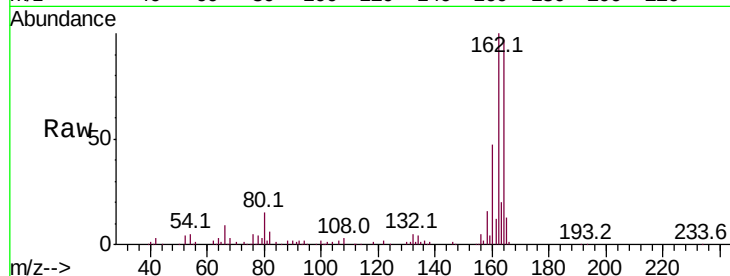
Tot Ion:164 Resp: 102077

Ion Ratio Lower Upper

164 100

162 102.6 87.0 130.4

160 48.4 35.5 53.3

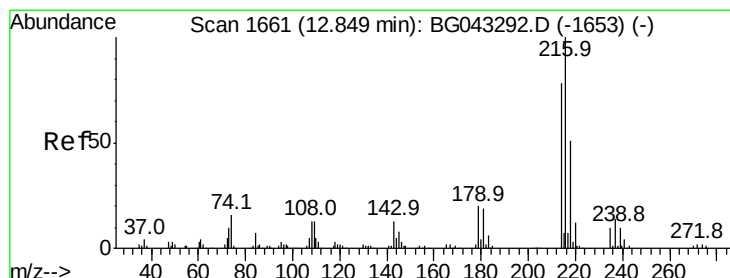
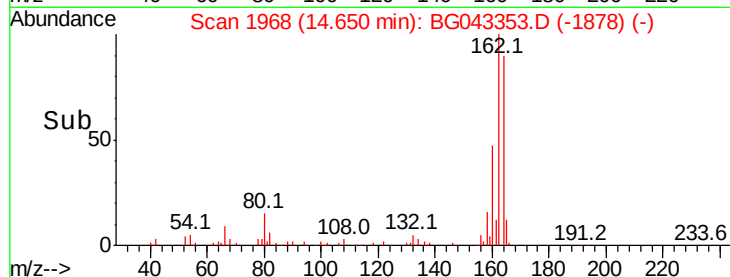
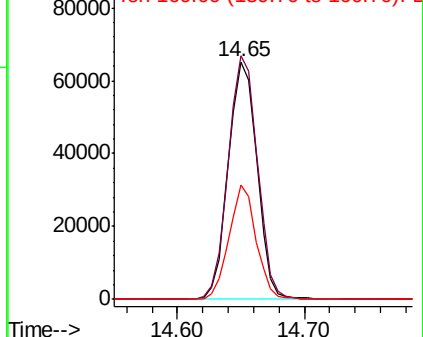


Abundance

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: 37.046 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Tgt Ion:216 Resp: 139950

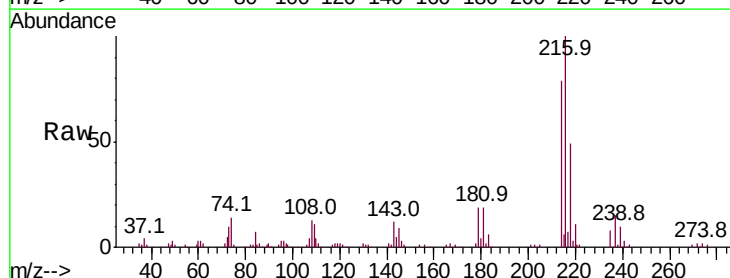
Ion Ratio Lower Upper

216 100

214 79.6 63.5 95.3

179 19.6 16.2 24.2

108 16.9 11.2 16.8#



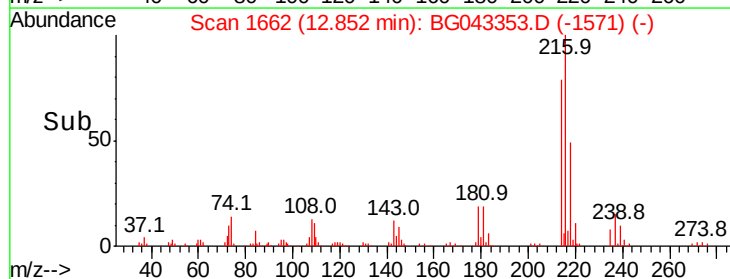
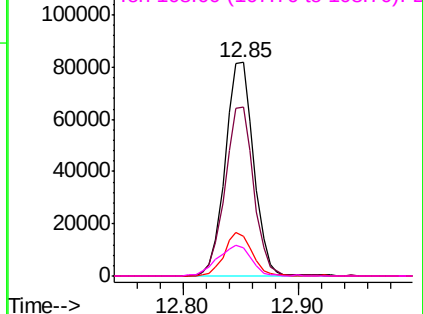
Abundance

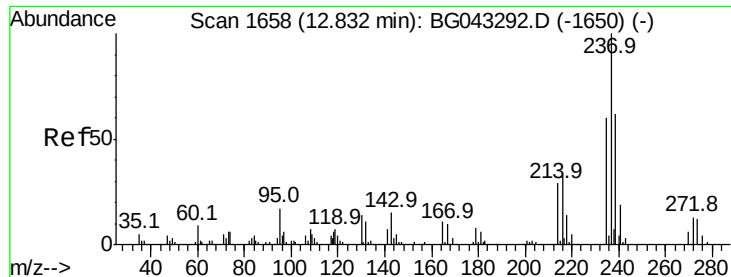
Ion 216.00 (215.70 to 216.70): E

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: 95.795 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampleId :

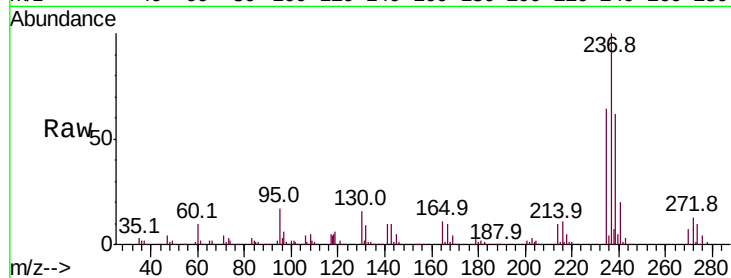
Tot Ion:237 Resp: 190102

Ion Ratio Lower Upper

237 100

235 63.6 40.3 80.3

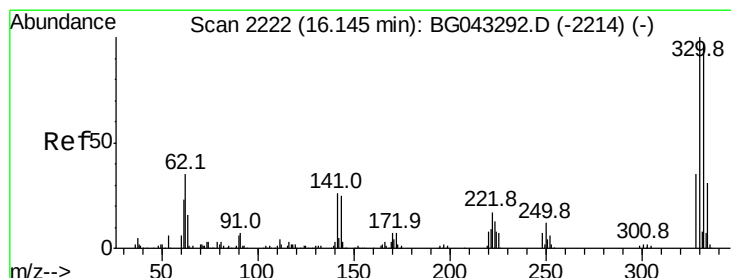
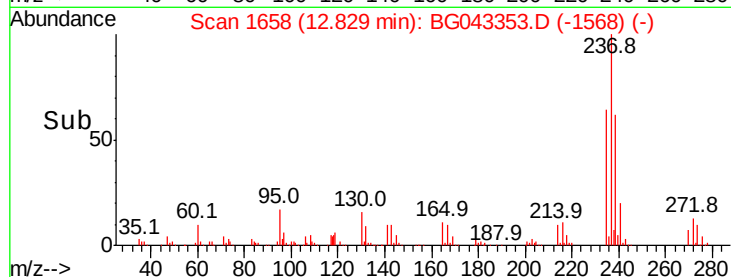
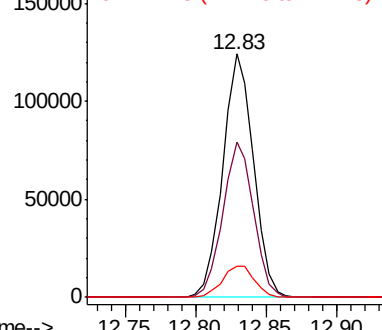
272 12.6 0.0 32.9



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: 105.700 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

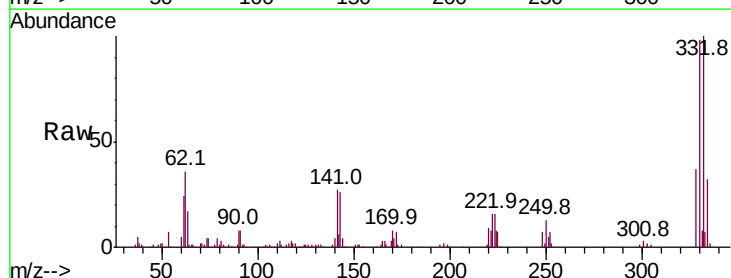
Tgt Ion:330 Resp: 205326

Ion Ratio Lower Upper

330 100

332 97.5 76.4 114.6

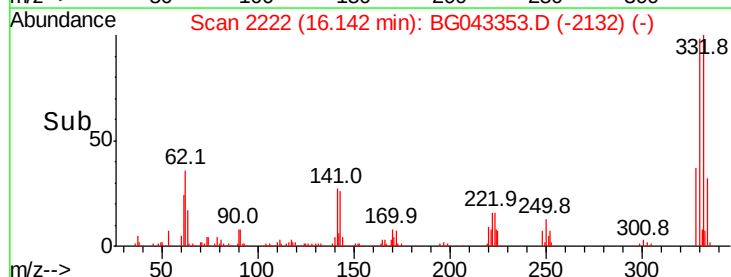
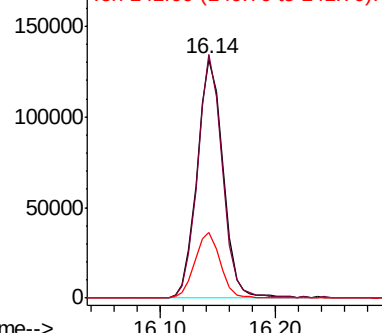
141 26.9 21.4 32.0

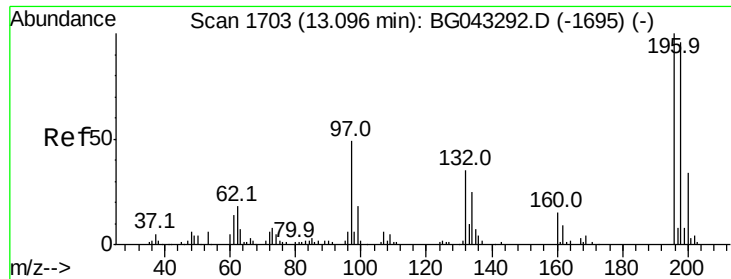


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

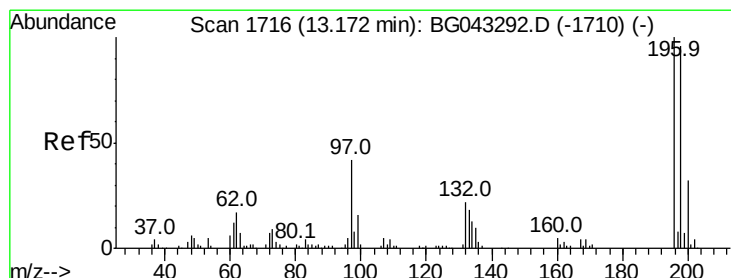
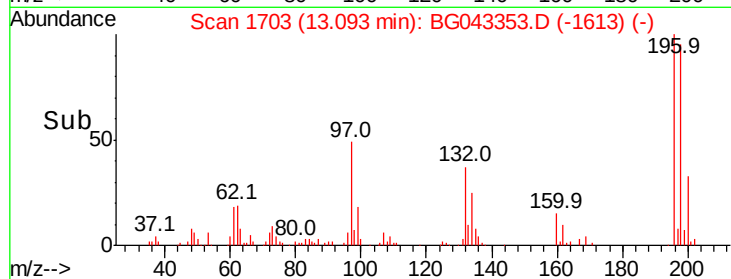
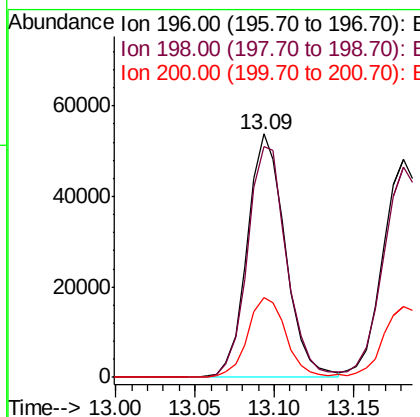
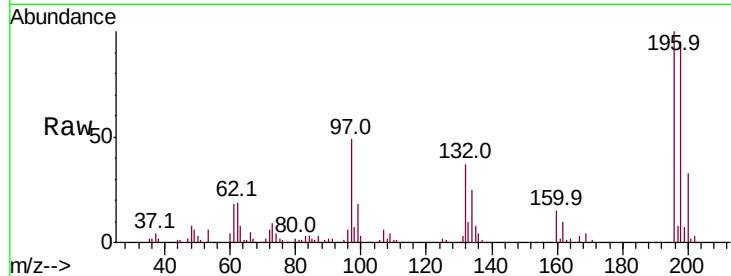




#43
 2,4,6-Trichlorophenol
 Concen: 40.324 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

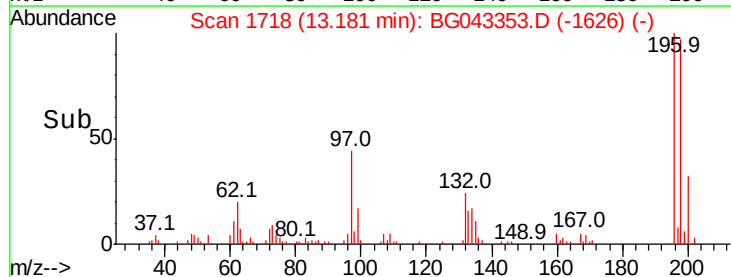
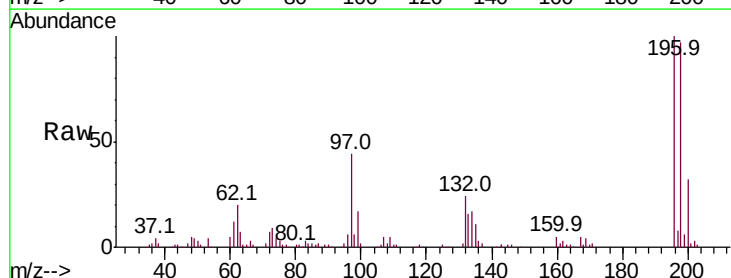
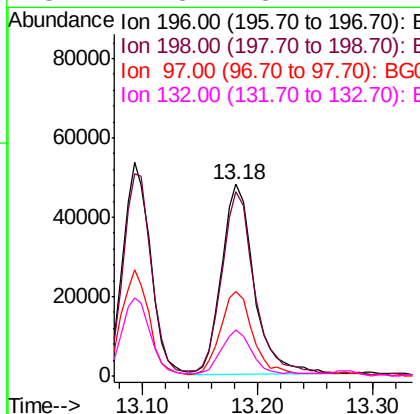
Instrument :
 BNA_G
 ClientSampled :

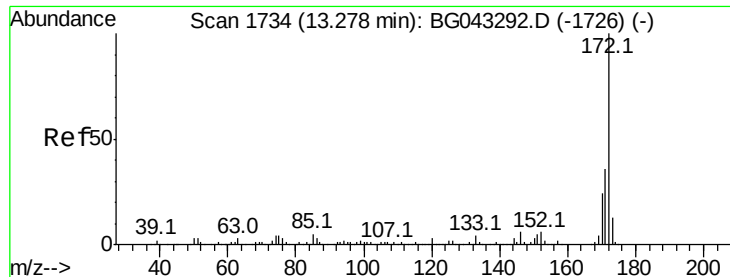
Tot Ion	196	Resp	89711
Ion Ratio	100	Lower	Upper
196	100		
198	94.9	77.0	115.4
200	32.7	27.4	41.2



#44
 2,4,5-Trichlorophenol
 Concen: 42.102 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Tgt Ion	196	Resp	94694
Ion Ratio	100	Lower	Upper
196	100		
198	96.5	76.6	114.8
97	44.4	34.1	51.1
132	24.3	18.2	27.4



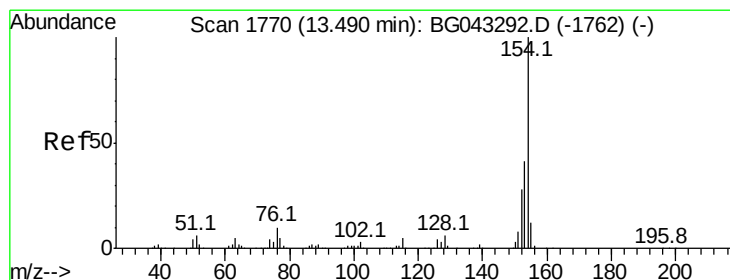
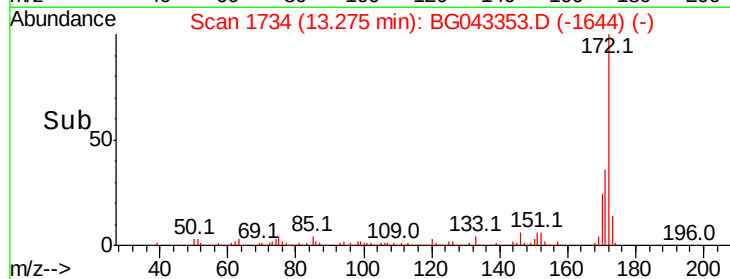
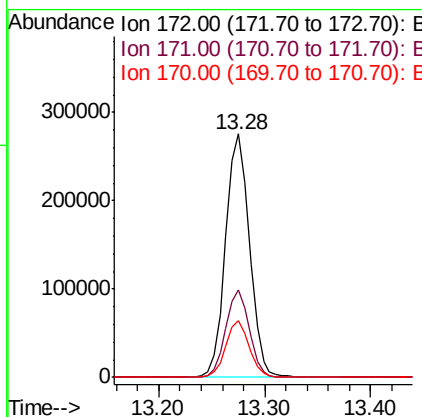
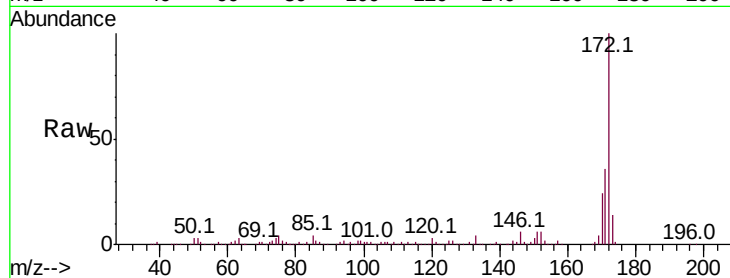


#45
 2-Fluorobiphenyl
 Concen: 58.560 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 432598

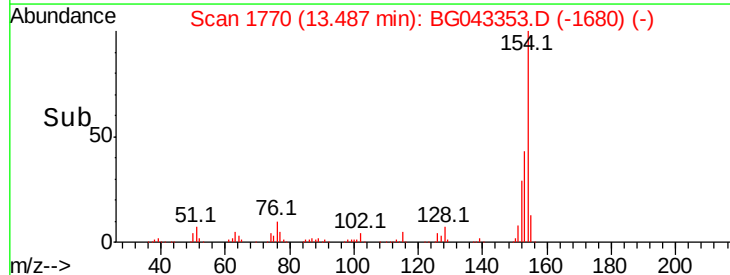
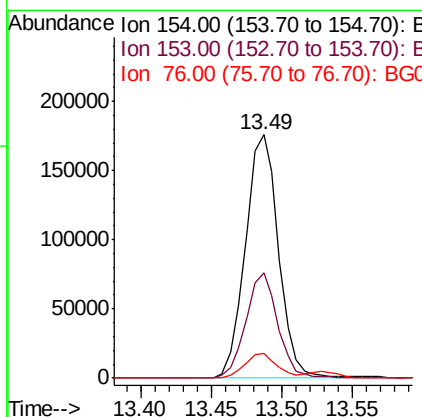
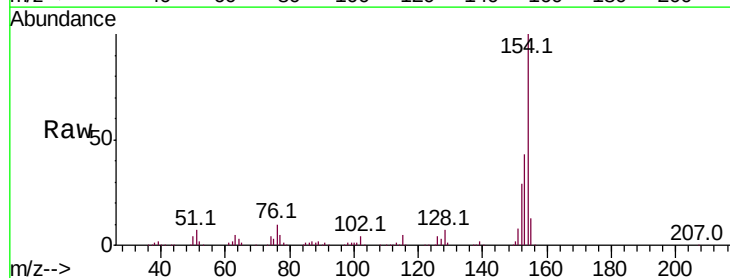
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.6	18.8	28.2

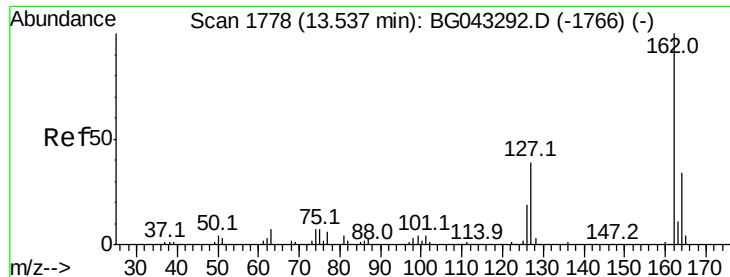


#46
 1,1'-Biphenyl
 Concen: 37.277 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Tgt Ion:154 Resp: 289473

Ion	Ratio	Lower	Upper
154	100		
153	43.2	21.0	61.0
76	10.3	0.0	29.8

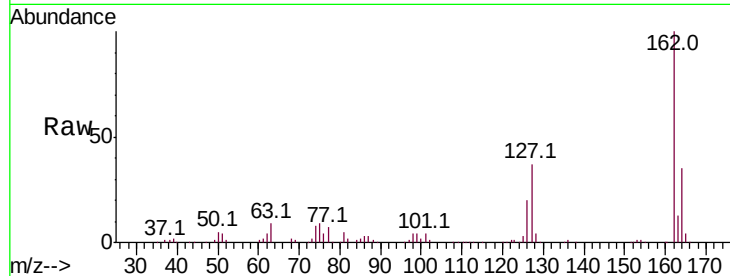




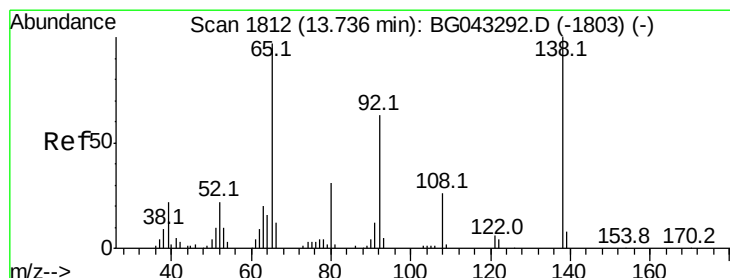
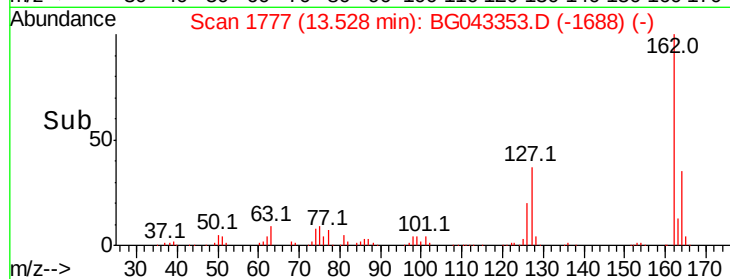
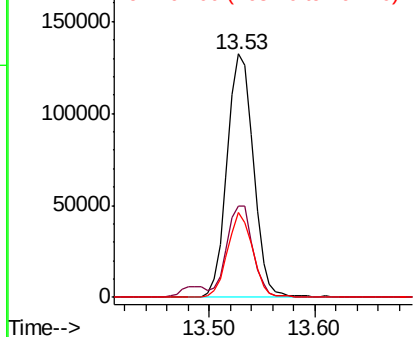
#47
 2-Chloronaphthalene
 Concen: 38.620 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	31.3	46.9
164	35.0	26.8	40.2

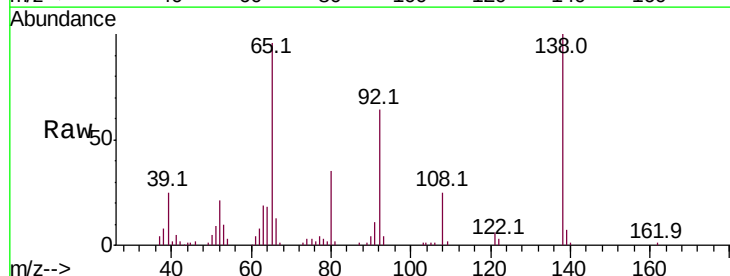


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

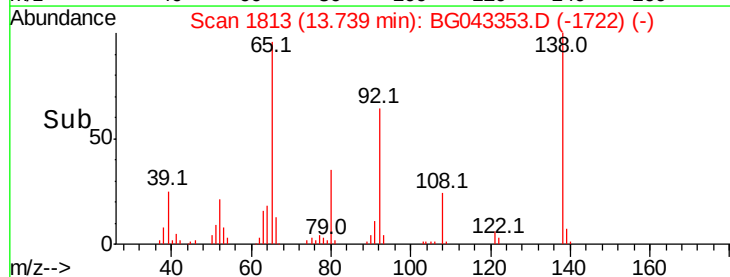
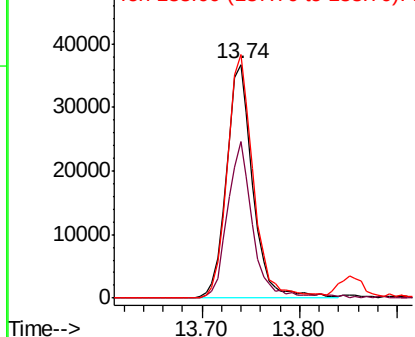


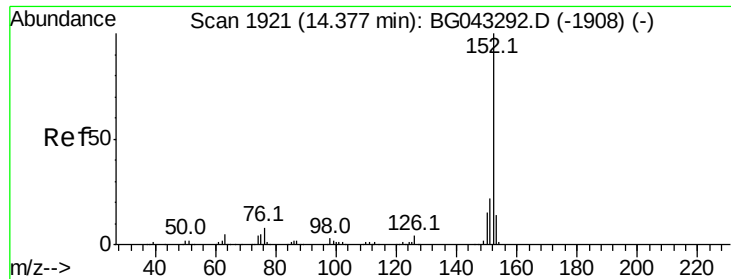
#48
 2-Nitroaniline
 Concen: 38.915 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	52.6	79.0
138	104.3	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: 40.736 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampleId :

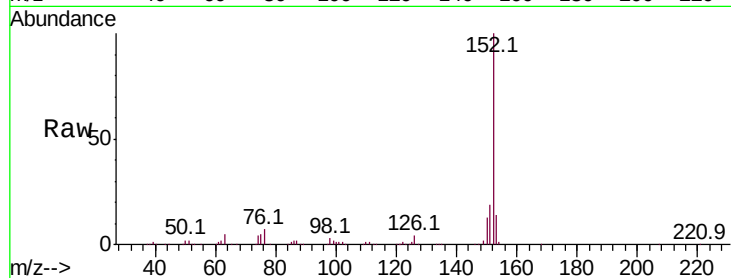
Tot Ion:152 Resp: 374598

Ion Ratio Lower Upper

152 100

151 19.3 17.2 25.8

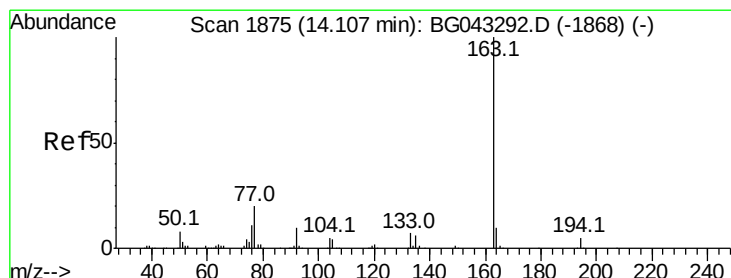
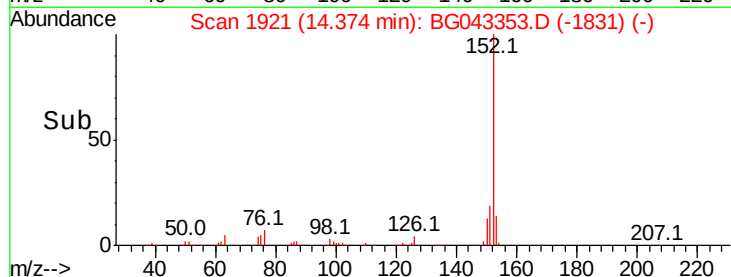
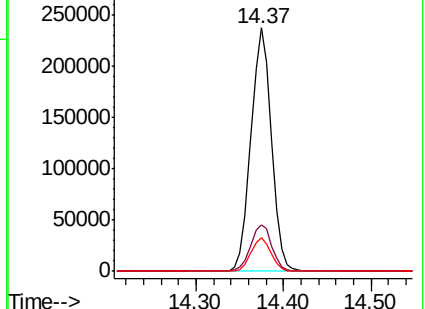
153 13.7 11.0 16.6



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: 38.163 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

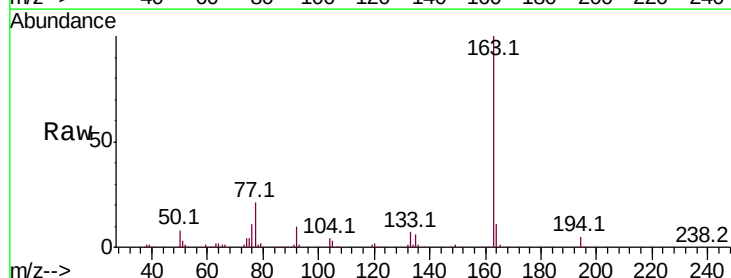
Tgt Ion:163 Resp: 301739

Ion Ratio Lower Upper

163 100

194 5.1 3.7 5.5

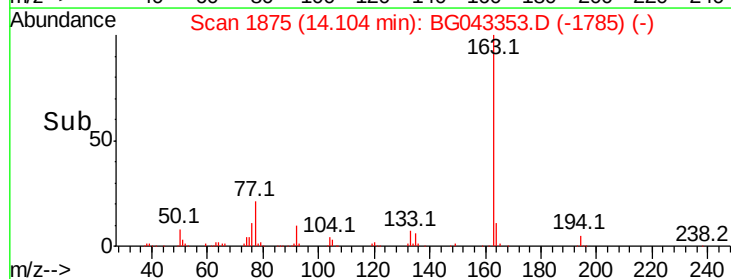
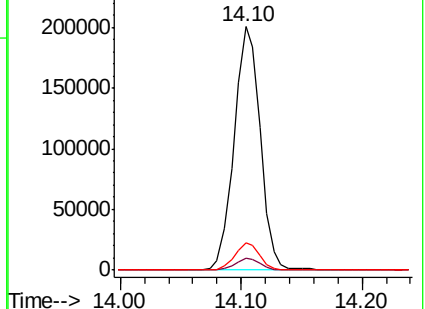
164 11.0 8.1 12.1

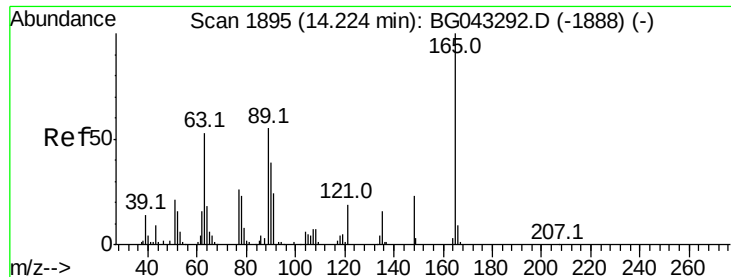


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.779 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampled :

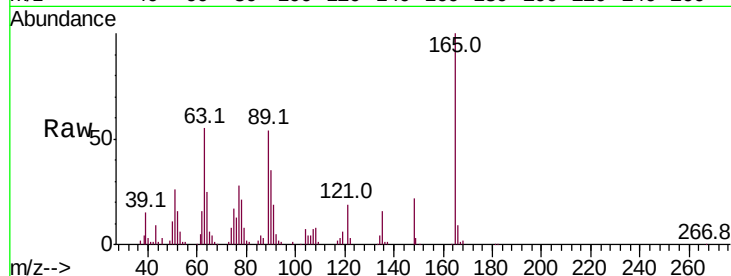
Tot Ion:165 Resp: 66610

Ion Ratio Lower Upper

165 100

63 55.2 47.1 70.7

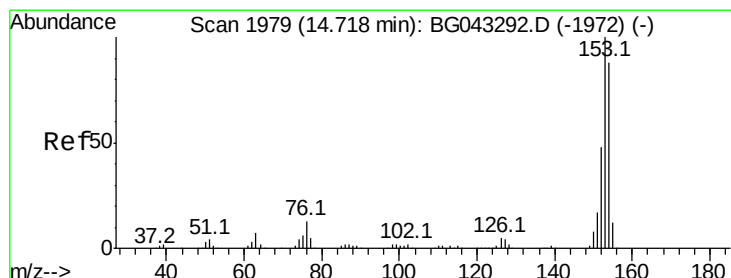
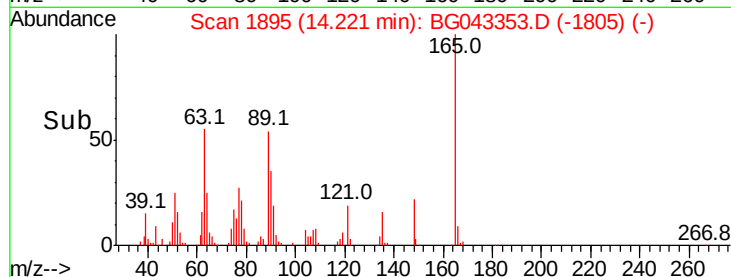
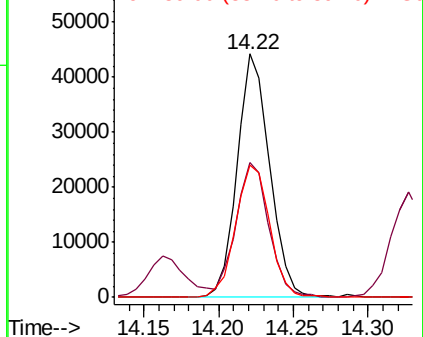
89 54.4 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 39.107 ng

RT: 14.71 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

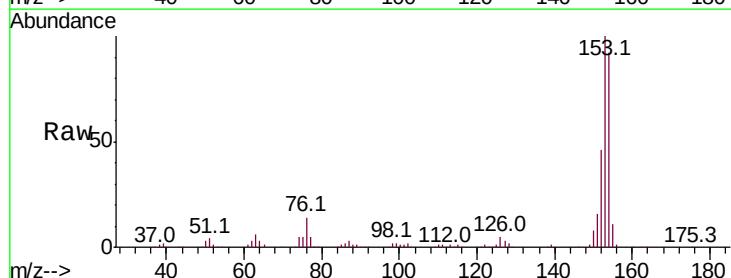
Tgt Ion:154 Resp: 219307

Ion Ratio Lower Upper

154 100

153 109.2 90.9 136.3

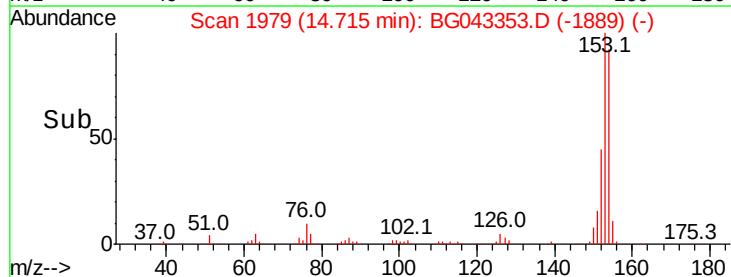
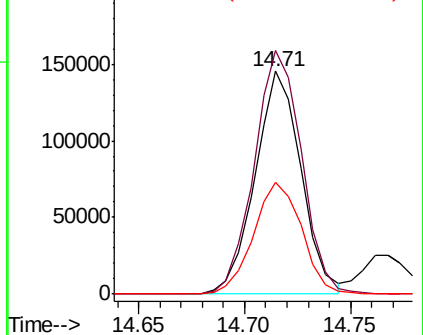
152 49.9 43.9 65.9

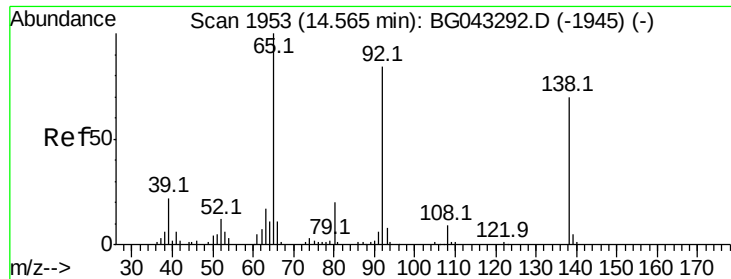


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 25.170 ng

RT: 14.57 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampleId :

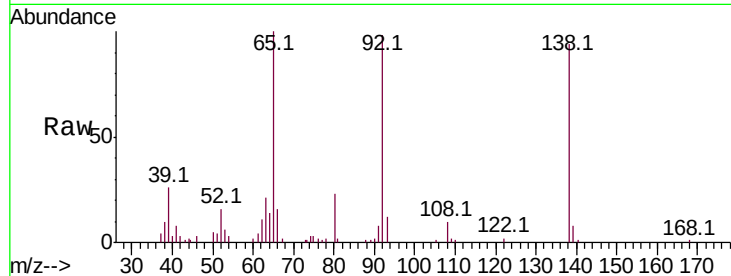
Tot Ion:138 Resp: 41742

Ion Ratio Lower Upper

138 100

108 10.9 9.8 14.6

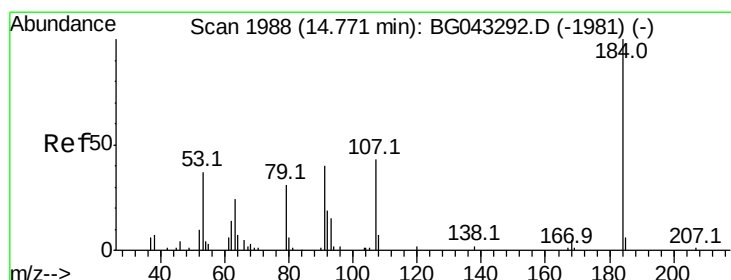
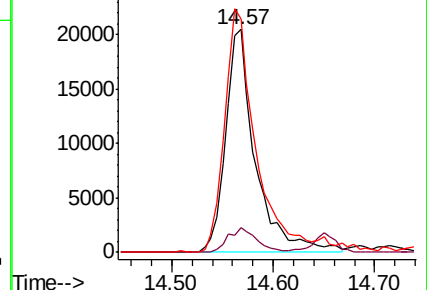
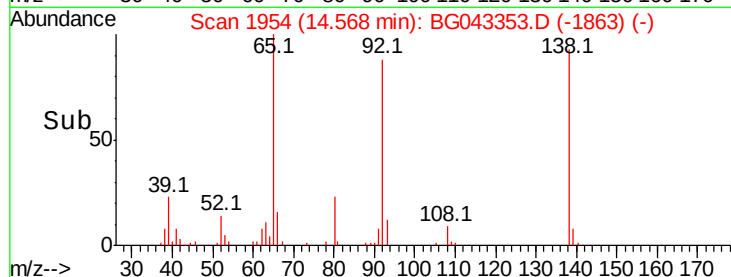
92 104.7 95.8 143.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 67.714 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

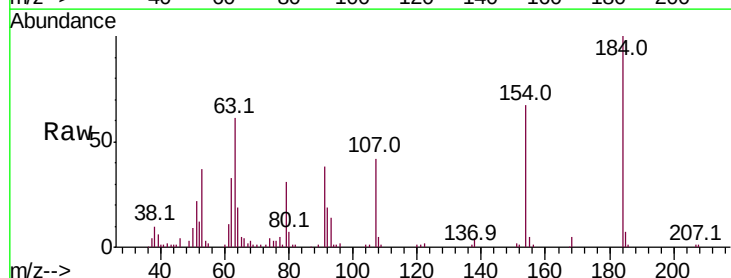
Tgt Ion:184 Resp: 71311

Ion Ratio Lower Upper

184 100

63 61.2 48.8 73.2

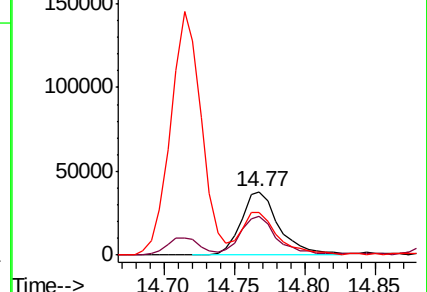
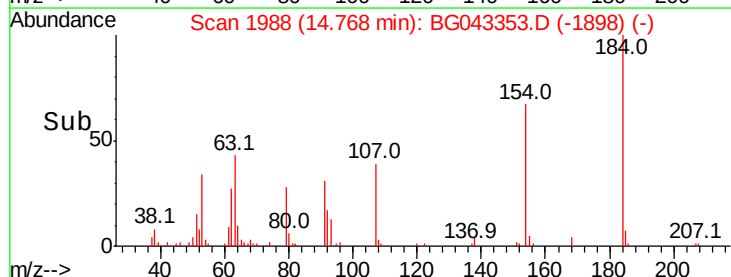
154 67.4 49.4 74.0

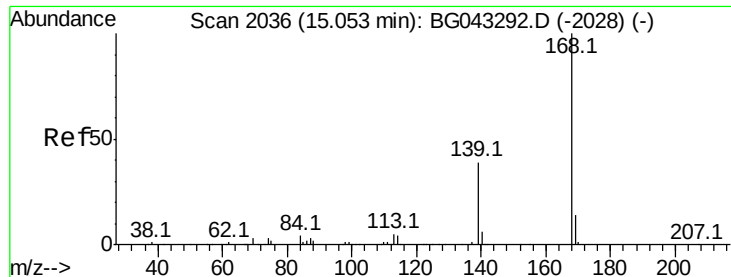


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 39.768 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampled :

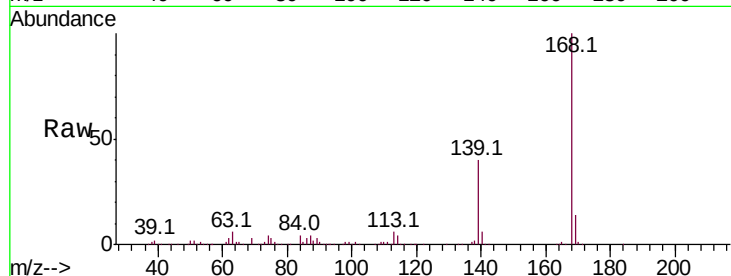
Tot Ion:168 Resp: 361655

Ion Ratio Lower Upper

168 100

139 39.6 31.7 47.5

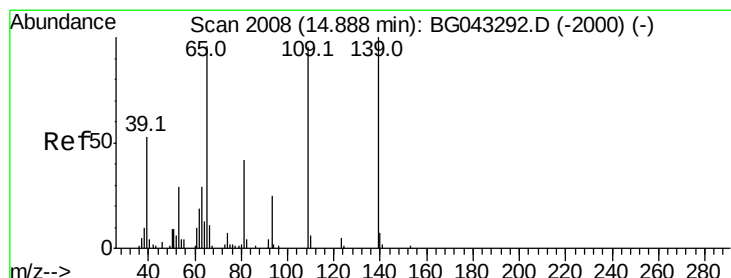
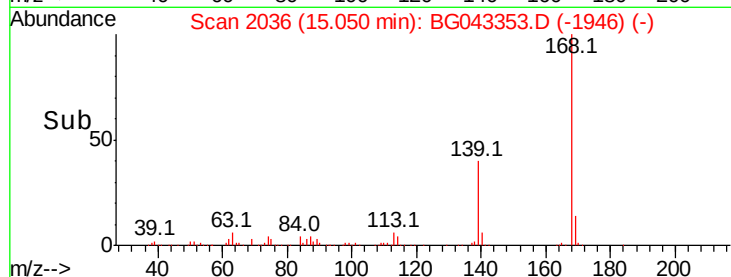
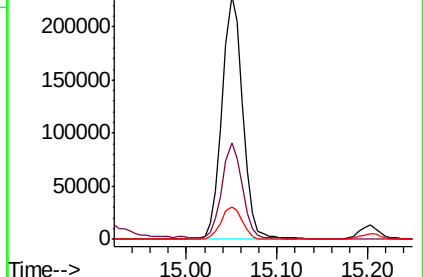
169 13.6 11.0 16.4



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: 85.481 ng

RT: 14.90 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

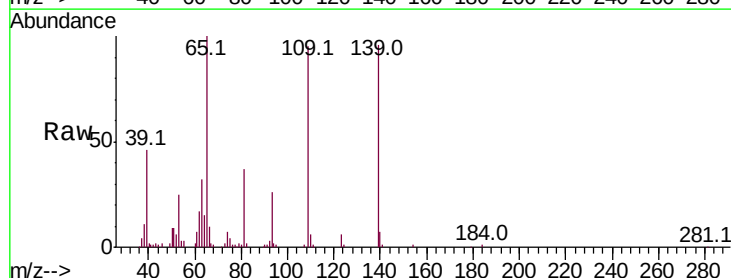
Tgt Ion:139 Resp: 94999

Ion Ratio Lower Upper

139 100

109 98.8 75.4 115.4

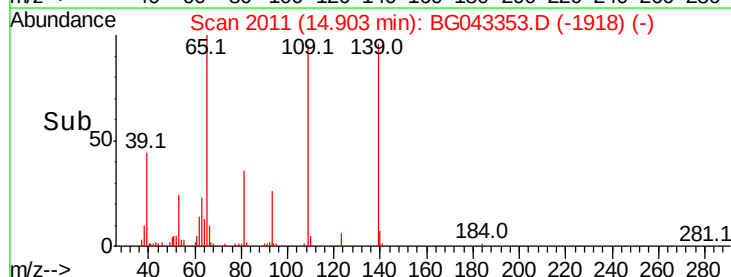
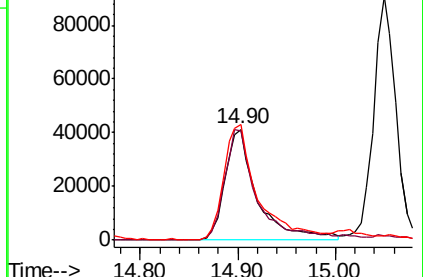
65 104.4 76.6 116.6

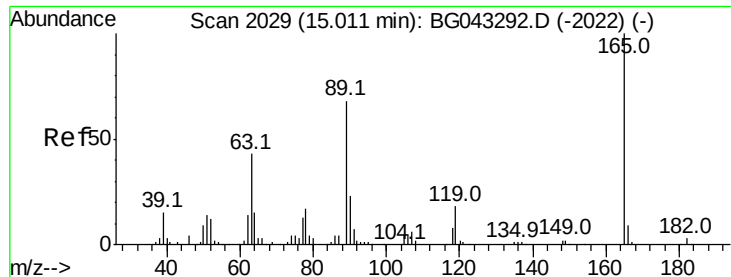


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

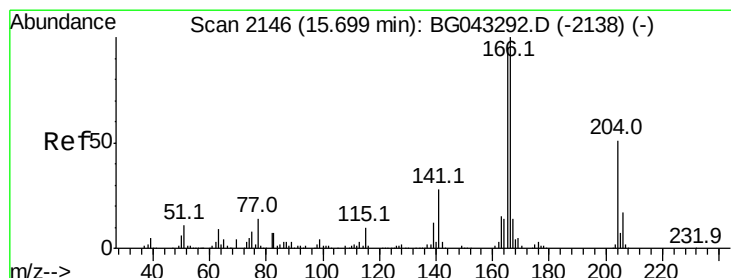
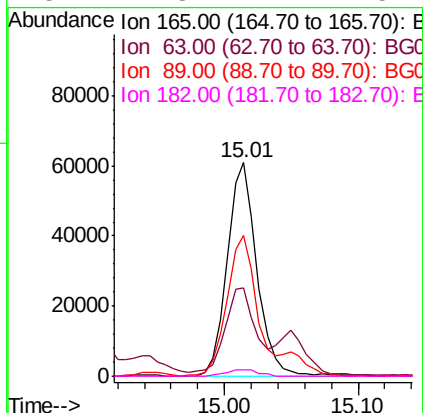
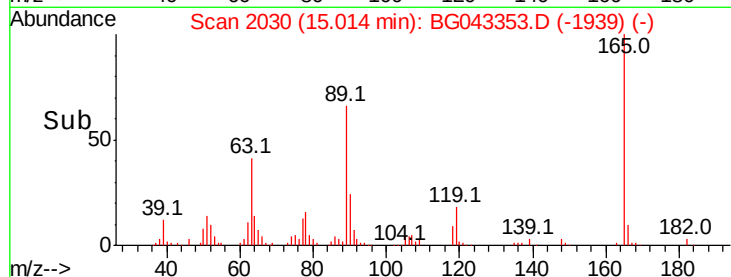
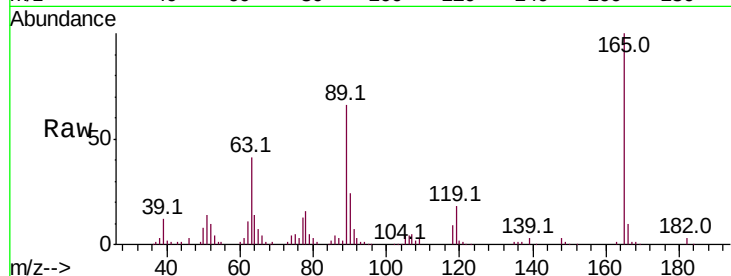




#57
2,4-Dinitrotoluene
Concen: 38.541 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

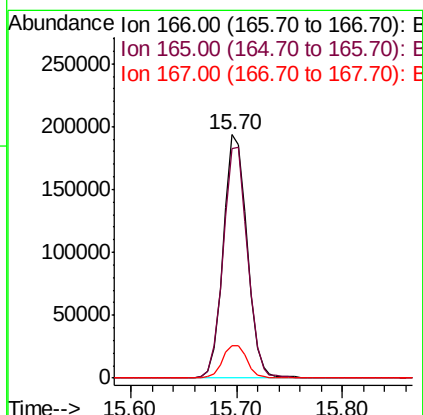
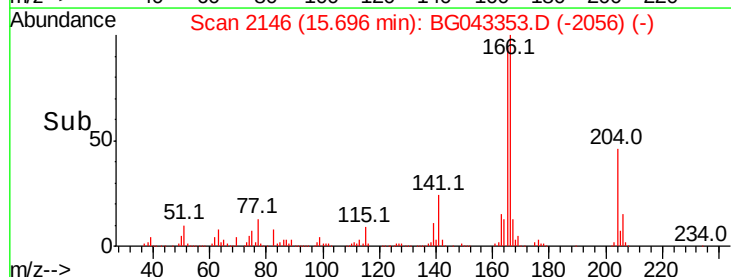
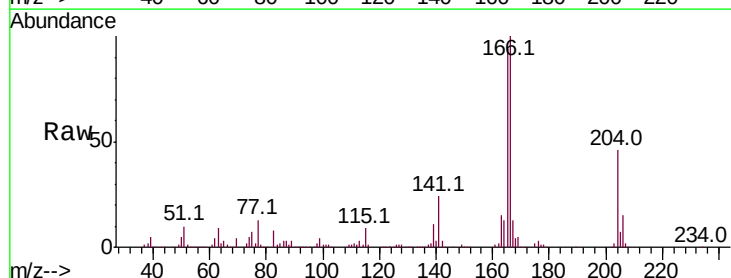
Instrument :
BNA_G
ClientSampleId :

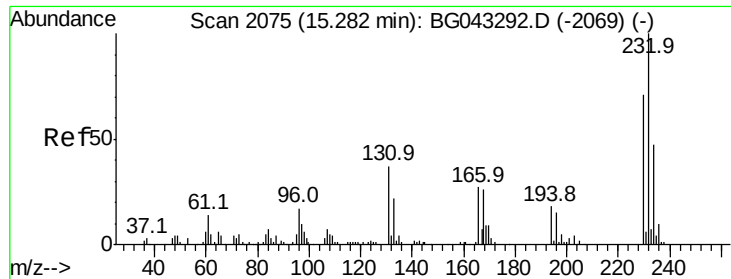
Tot Ion:165 Resp: 94609
Ion Ratio Lower Upper
165 100
63 41.4 35.0 52.6
89 65.7 54.1 81.1
182 2.8 2.2 3.2



#58
Fluorene
Concen: 39.593 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion:166 Resp: 301987
Ion Ratio Lower Upper
166 100
165 94.1 76.4 114.6
167 13.1 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.703 ng

RT: 15.28 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BG043353.D

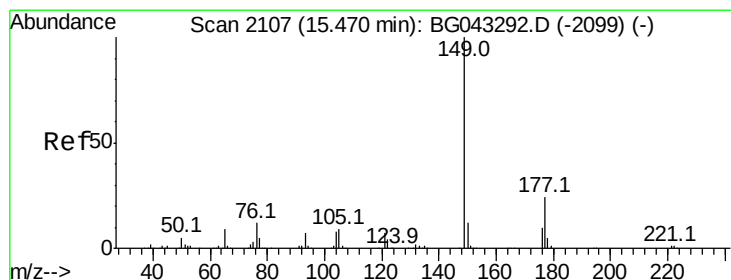
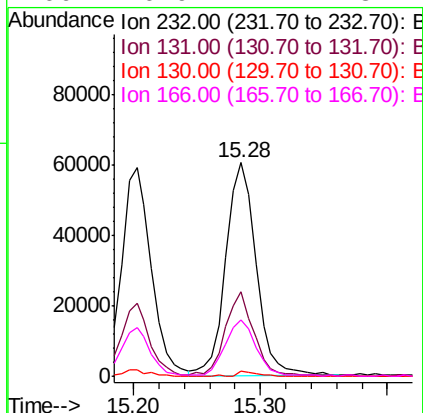
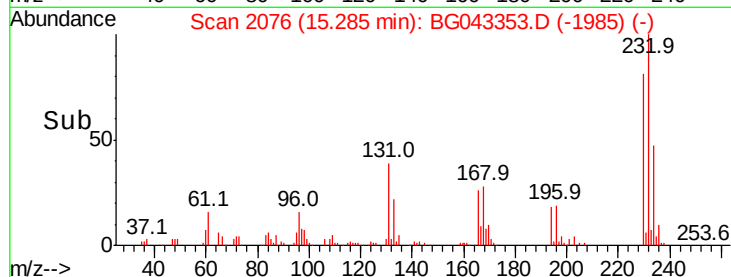
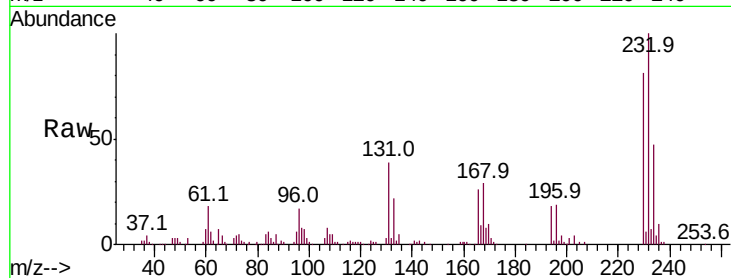
Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	232	Resp:	99655
Ion	Ratio	Lower	Upper
232	100		
131	38.0	28.7	43.1
130	1.5	0.6	0.8
166	26.9	21.1	31.7



#60

Diethylphthalate

Concen: 38.294 ng

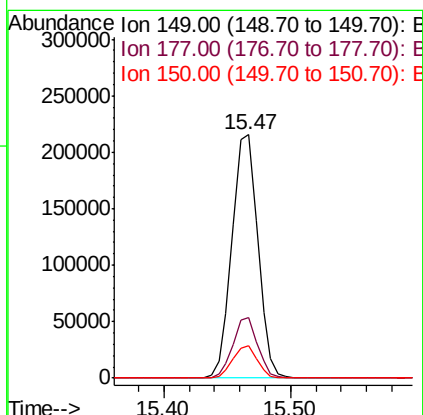
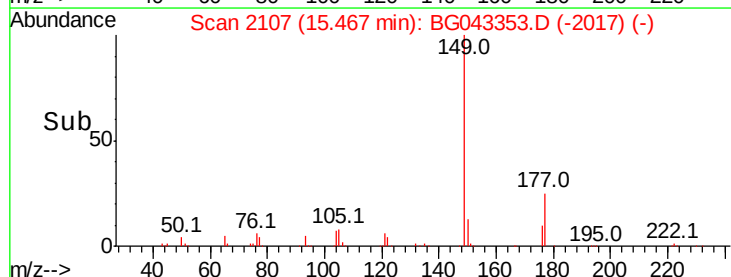
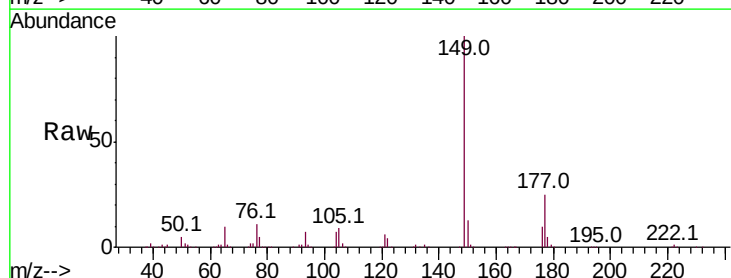
RT: 15.47 min Scan# 2107

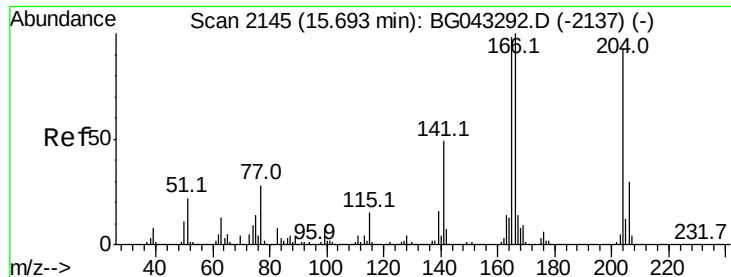
Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Tgt Ion:	149	Resp:	304223
Ion	Ratio	Lower	Upper
149	100		
177	24.9	19.0	28.4
150	13.3	9.4	14.0





#61

4-Chlorophenyl-phenylether

Concen: 39.049 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampled :

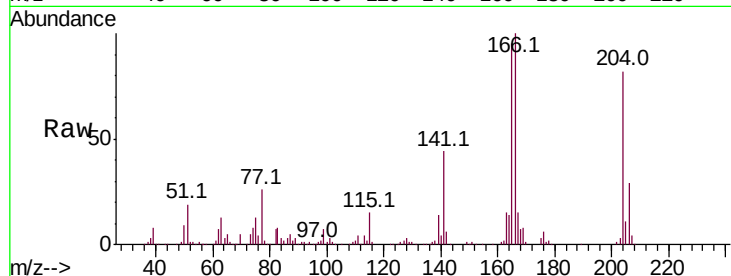
Tot Ion:204 Resp: 173752

Ion Ratio Lower Upper

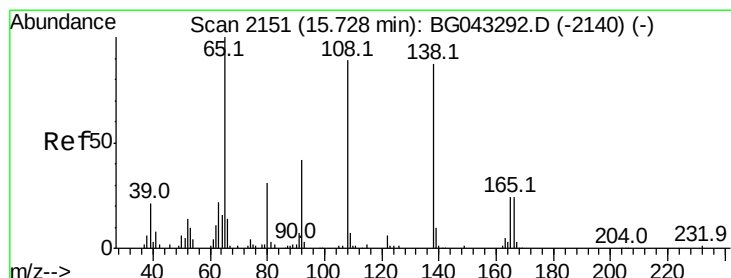
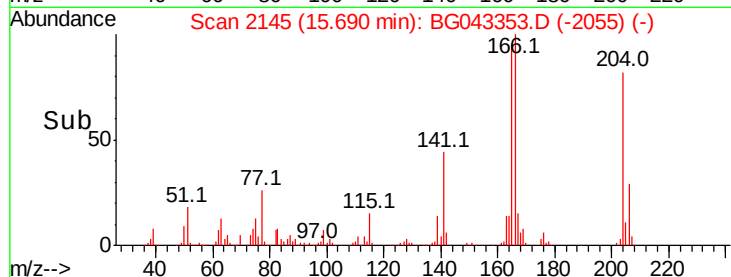
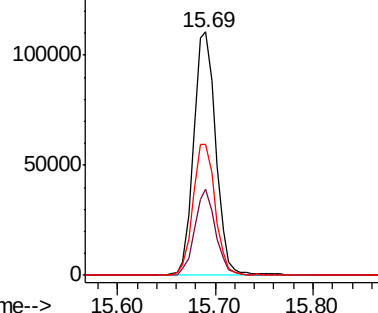
204 100

206 35.4 25.7 38.5

141 54.0 42.3 63.5



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



#62

4-Nitroaniline

Concen: 35.058 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

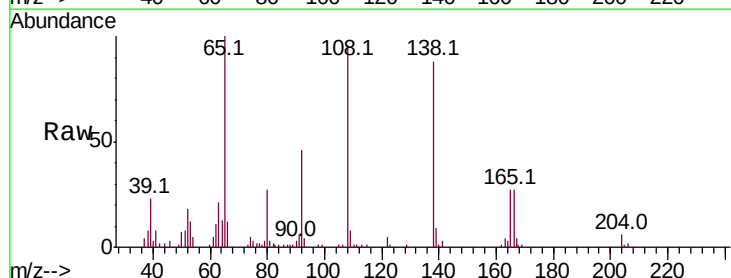
Tgt Ion:138 Resp: 60044

Ion Ratio Lower Upper

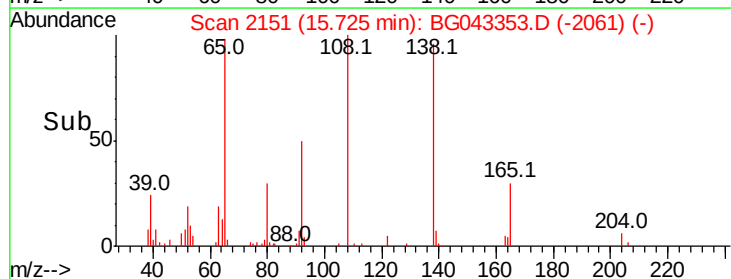
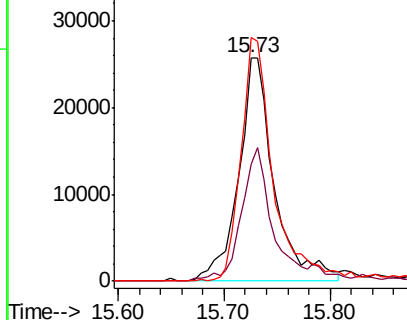
138 100

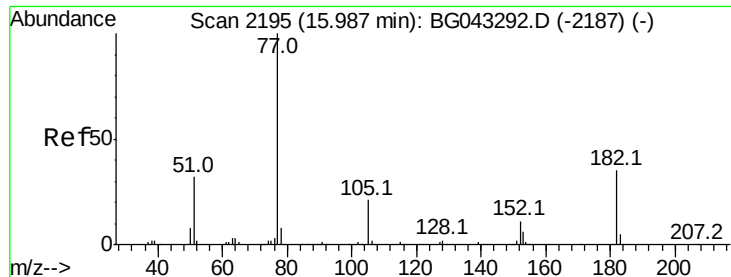
92 52.5 28.8 68.8

108 109.0 82.7 122.7



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





#63

Azobenzene

Concen: 39.284 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 252578

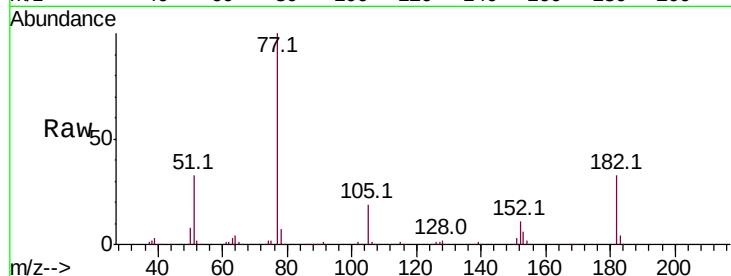
Ion Ratio Lower Upper

77 100

182 33.1 14.9 54.9

105 19.2 0.6 40.6

51 33.2 12.5 52.5

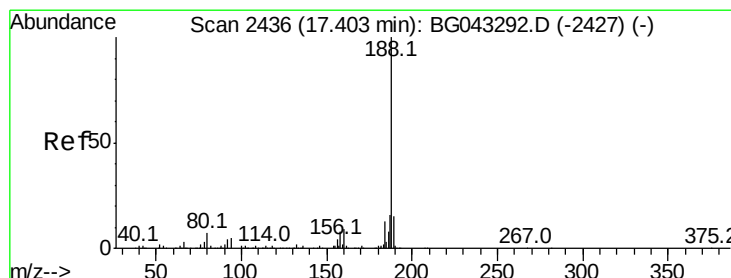
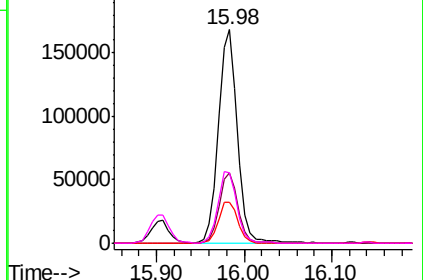
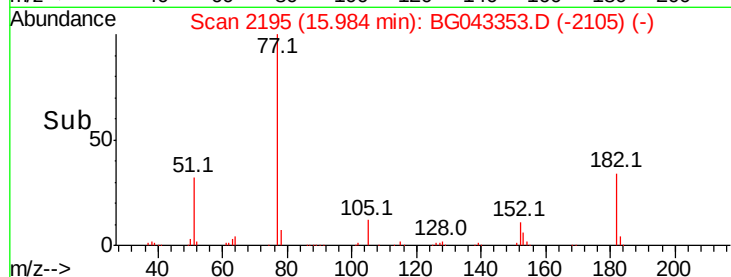


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

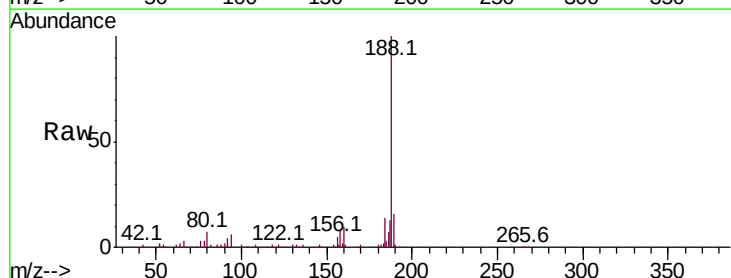
Tgt Ion: 188 Resp: 236964

Ion Ratio Lower Upper

188 100

94 6.5 4.2 6.2#

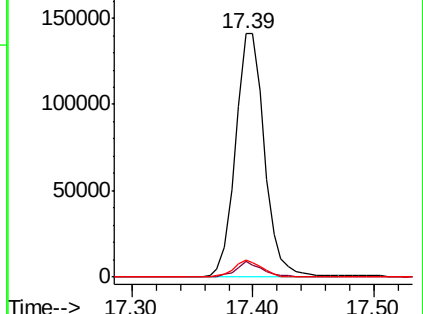
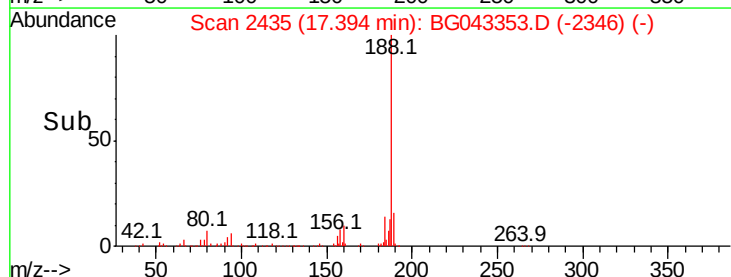
80 6.9 5.2 7.8

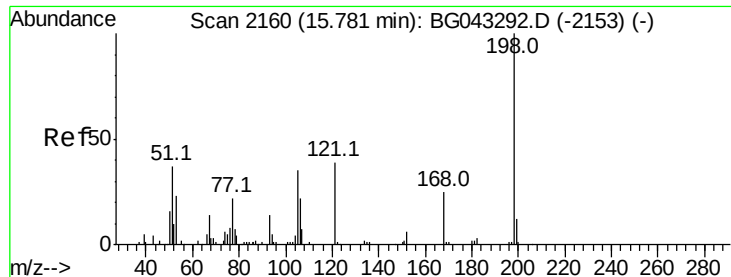


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 43.312 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampled :

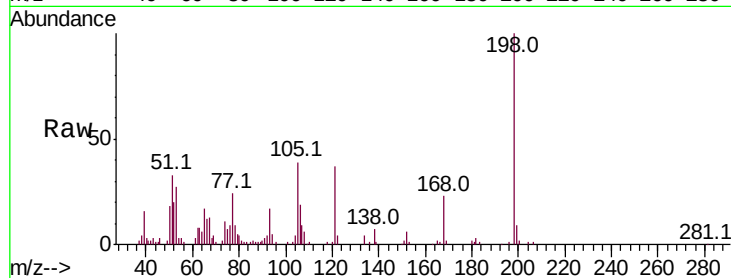
Tot Ion:198 Resp: 60400

Ion Ratio Lower Upper

198 100

51 33.4 21.4 61.4

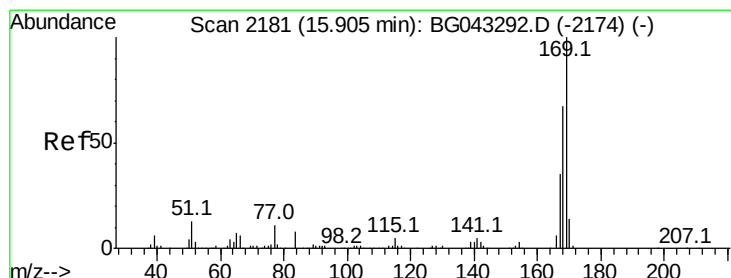
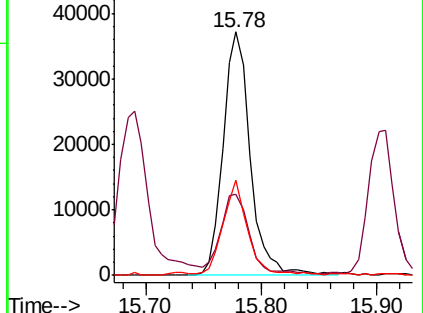
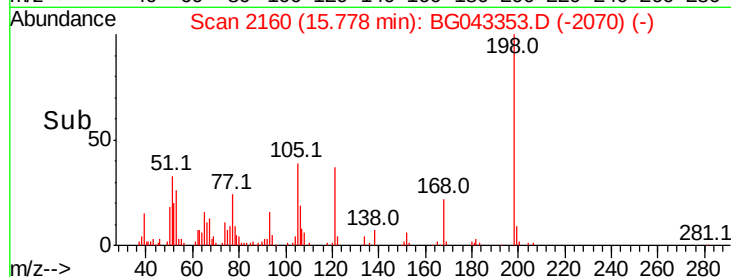
105 38.9 16.5 56.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.564 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

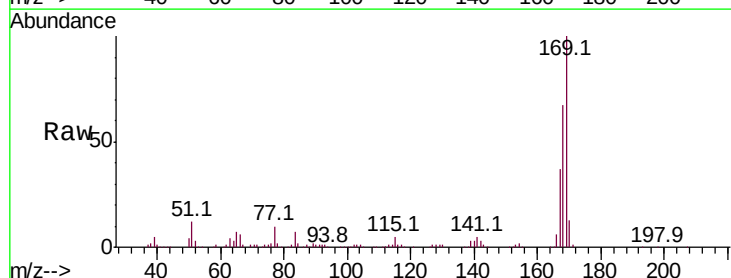
Tgt Ion:169 Resp: 271380

Ion Ratio Lower Upper

169 100

168 67.3 53.9 80.9

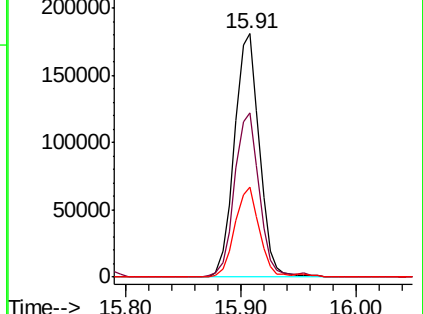
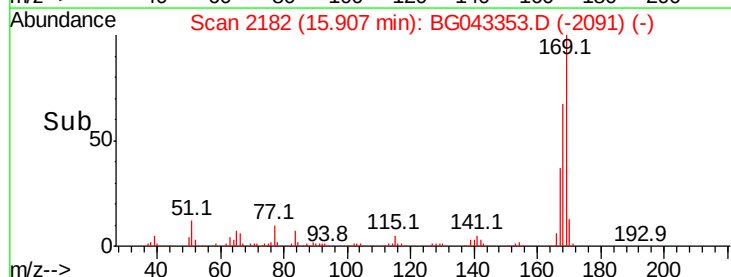
167 36.9 28.3 42.5

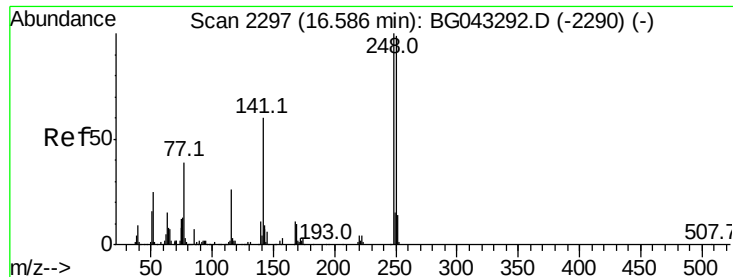


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

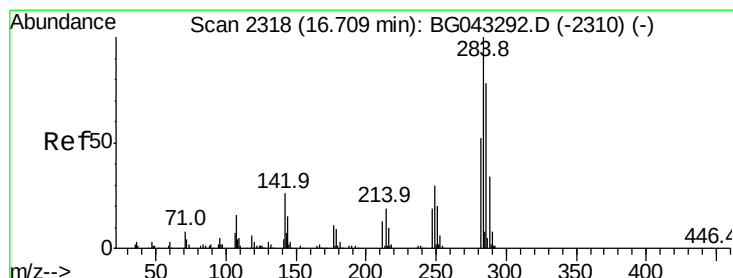
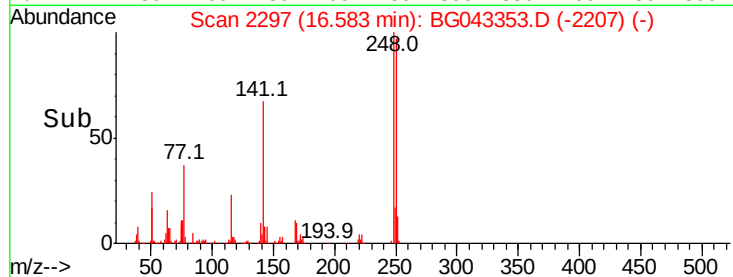
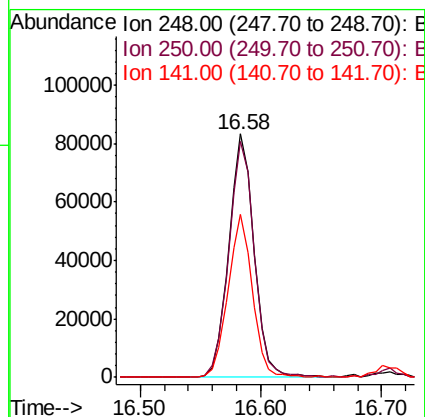
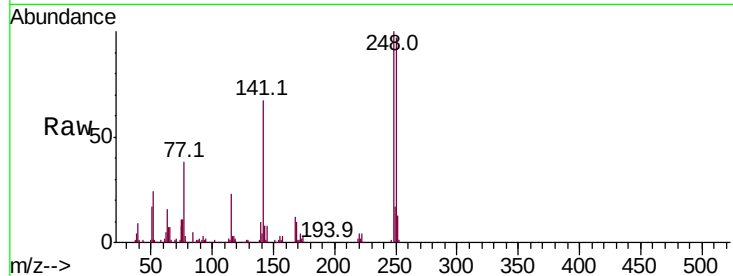




#67
4-Bromophenyl-phenylether
Concen: 37.883 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

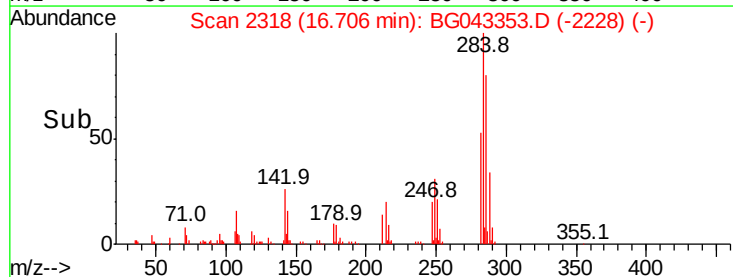
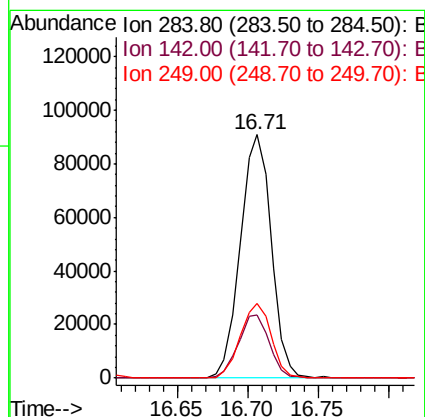
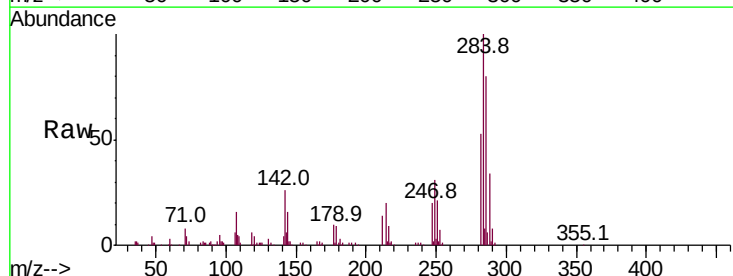
Instrument :
BNA_G
ClientSampleId :

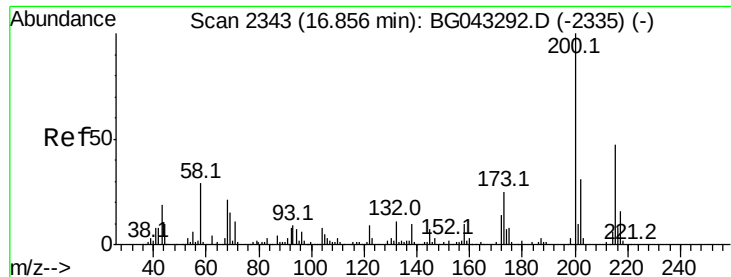
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	79.3	118.9
141	67.1	47.9	71.9



#68
Hexachlorobenzene
Concen: 38.100 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.8	21.1	31.7
249	30.9	24.4	36.6





#69

Atrazine

Concen: 49.928 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampled :

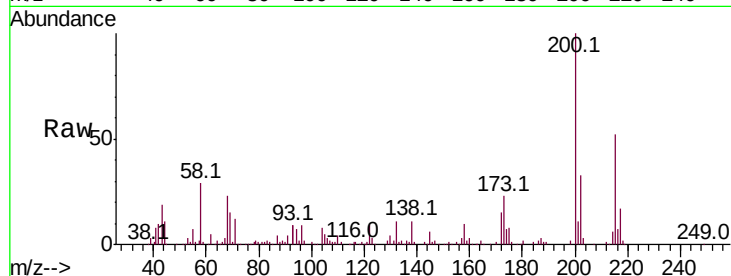
Tot Ion:200 Resp: 116066

Ion Ratio Lower Upper

200 100

173 23.2 5.1 45.1

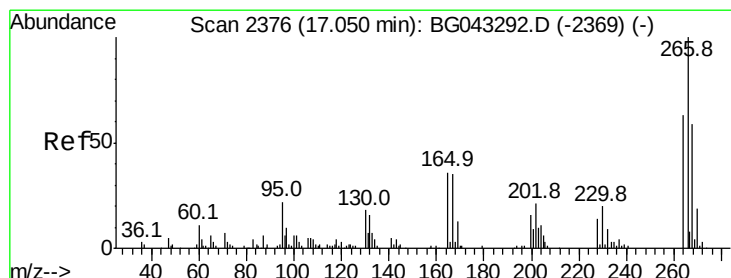
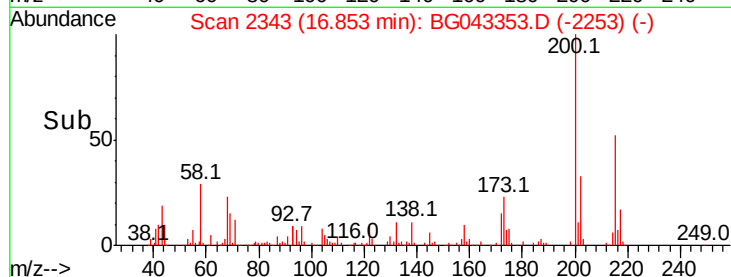
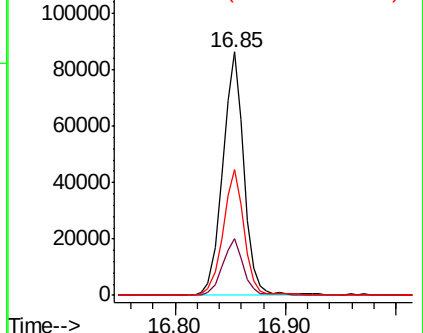
215 51.8 26.6 66.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 92.724 ng

RT: 17.05 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

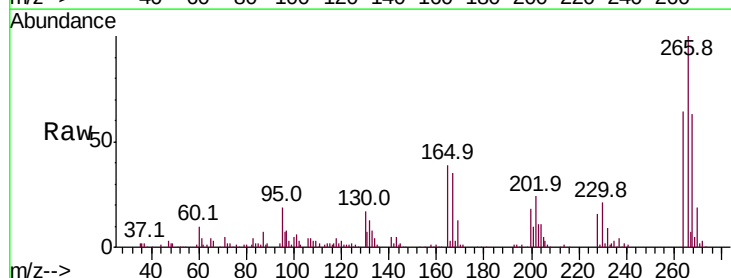
Tgt Ion:266 Resp: 154663

Ion Ratio Lower Upper

266 100

268 63.5 47.1 70.7

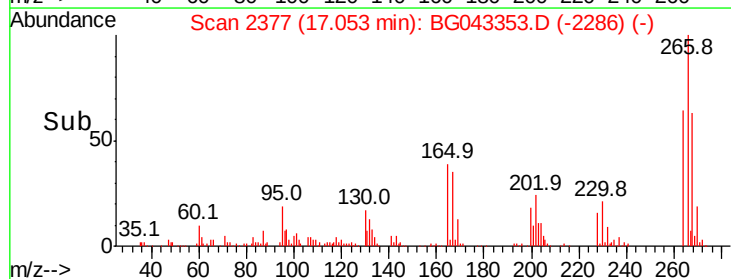
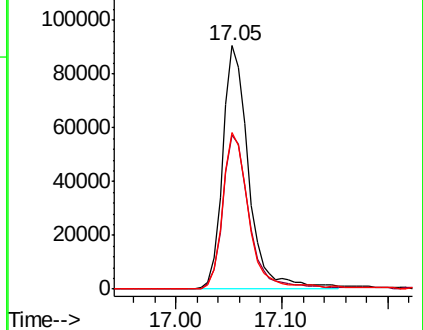
264 64.3 50.4 75.6

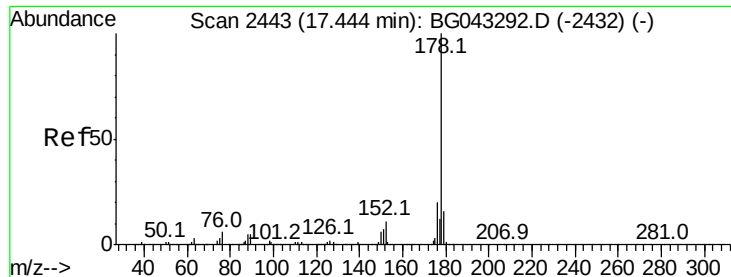


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.045 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampleId :

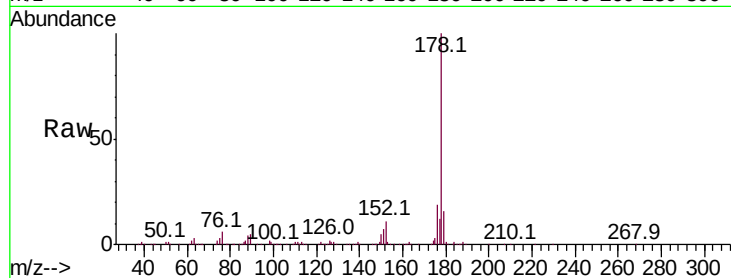
Tot Ion:178 Resp: 485918

Ion Ratio Lower Upper

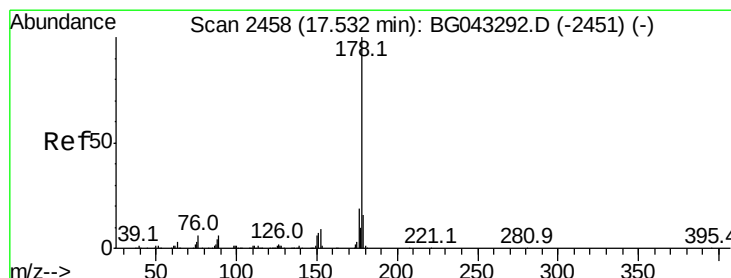
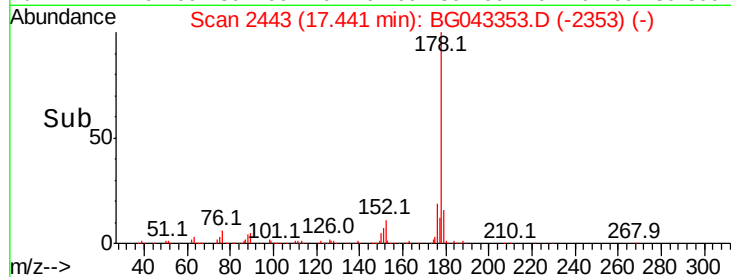
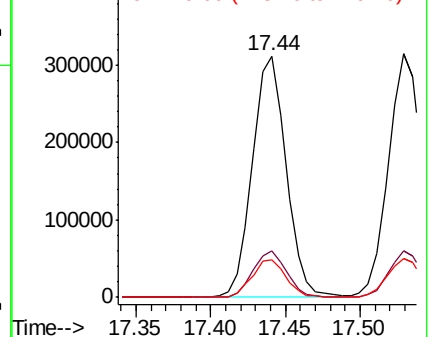
178 100

176 19.1 15.8 23.8

179 15.7 13.1 19.7



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



#72

Anthracene

Concen: 41.445 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

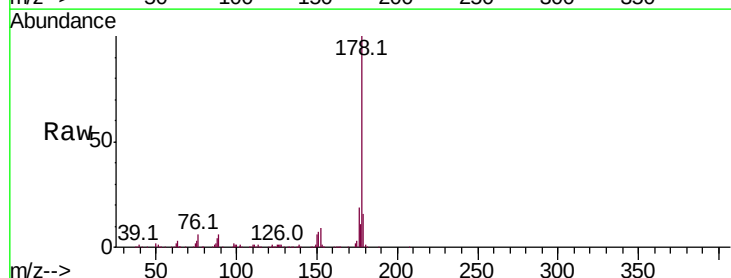
Tgt Ion:178 Resp: 503168

Ion Ratio Lower Upper

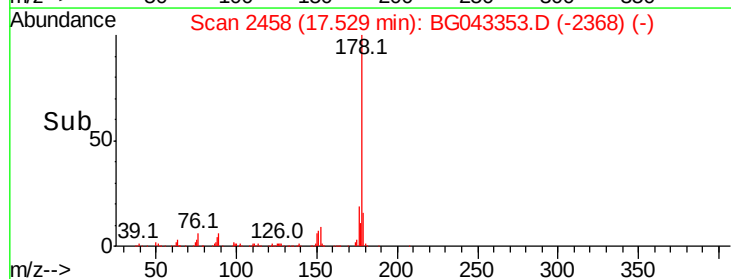
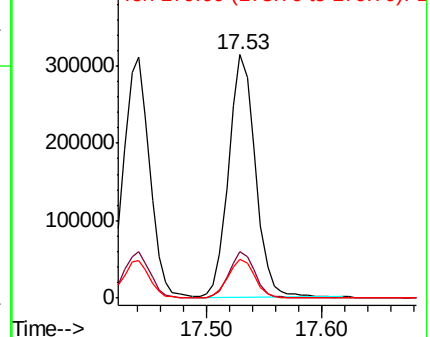
178 100

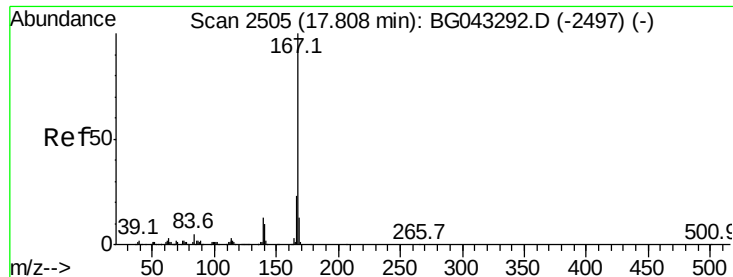
176 19.3 15.1 22.7

179 16.0 13.0 19.6



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





#73

Carbazole

Concen: 41.613 ng

RT: 17.81 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampleId :

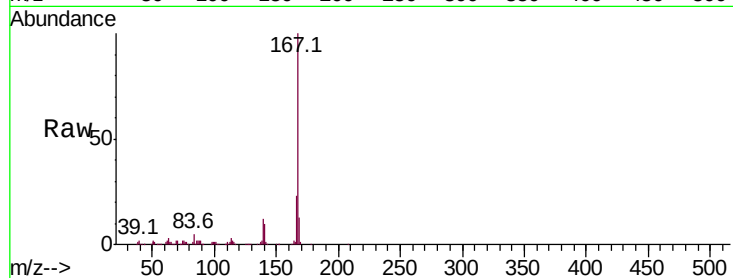
Tot Ion:167 Resp: 457503

Ion Ratio Lower Upper

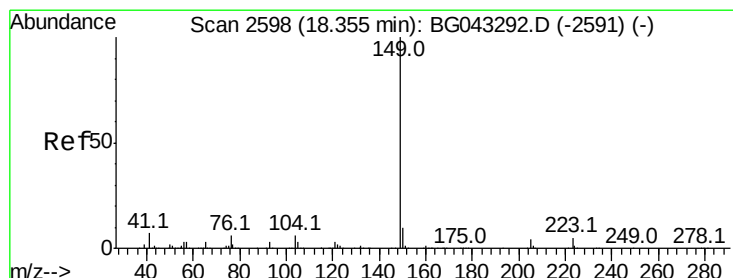
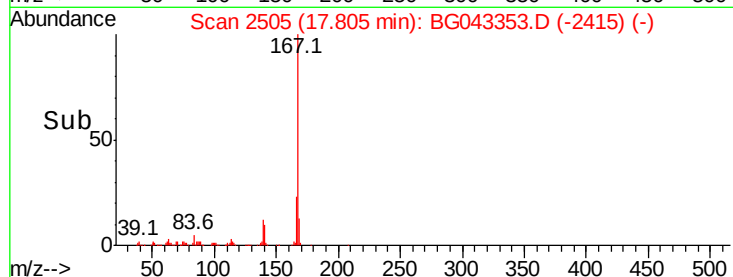
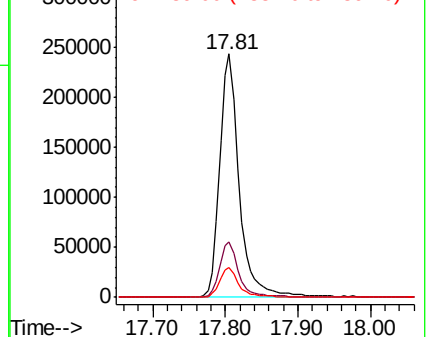
167 100

166 23.0 18.4 27.6

139 12.1 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: 41.411 ng

RT: 18.35 min Scan# 2598

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

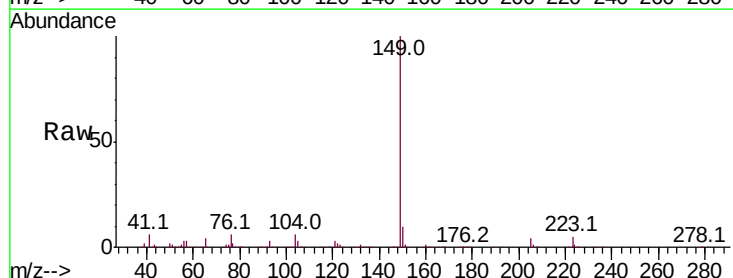
Tgt Ion:149 Resp: 552421

Ion Ratio Lower Upper

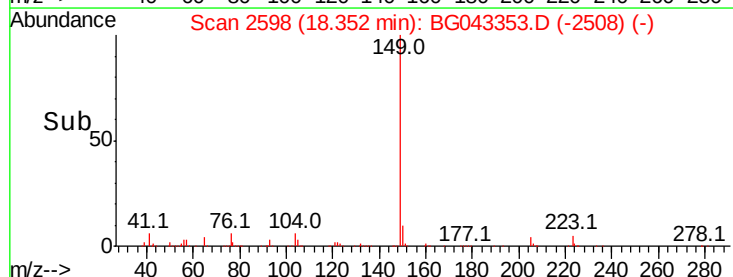
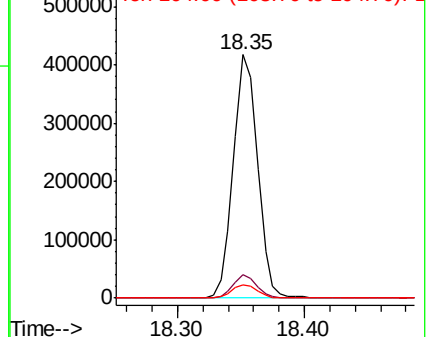
149 100

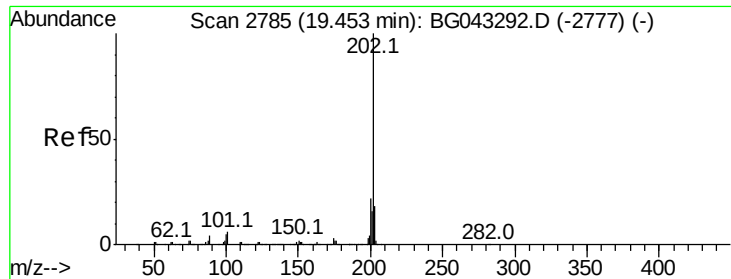
150 9.6 8.0 12.0

104 5.7 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: 42.198 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampleId :

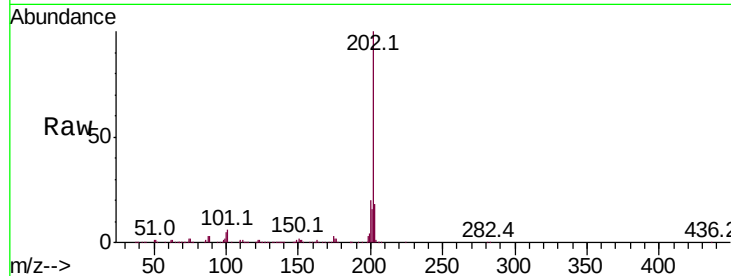
Tot Ion:202 Resp: 667549

Ion Ratio Lower Upper

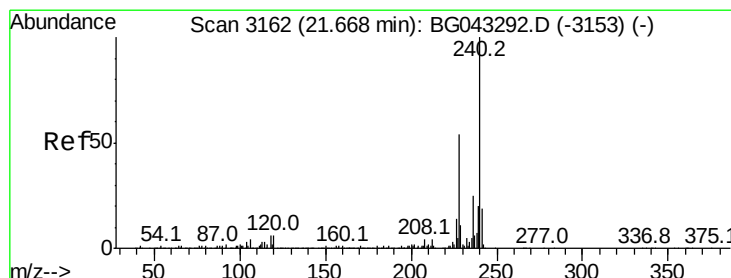
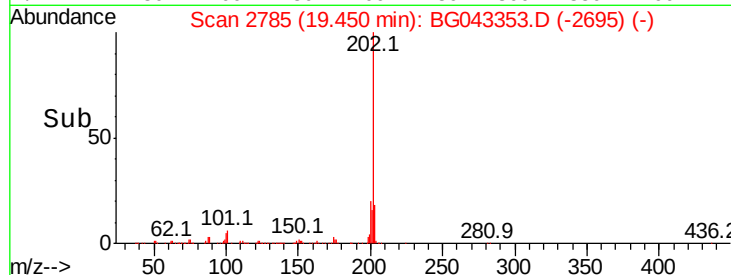
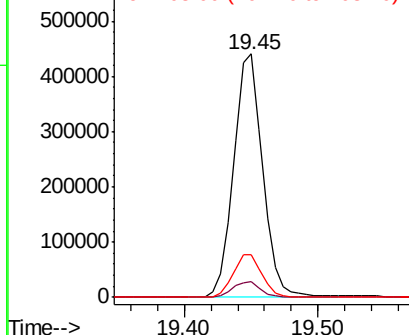
202 100

101 6.3 0.0 26.0

203 17.5 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

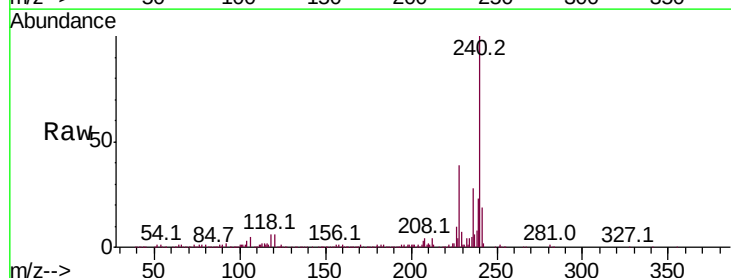
Tgt Ion:240 Resp: 283502

Ion Ratio Lower Upper

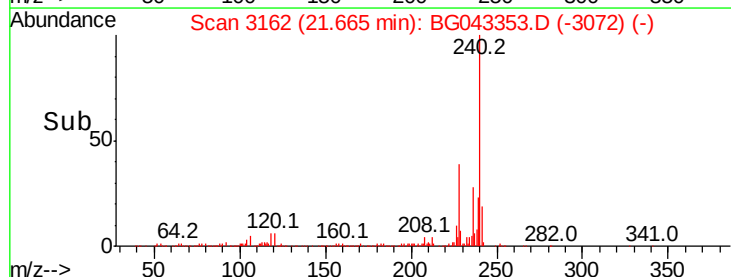
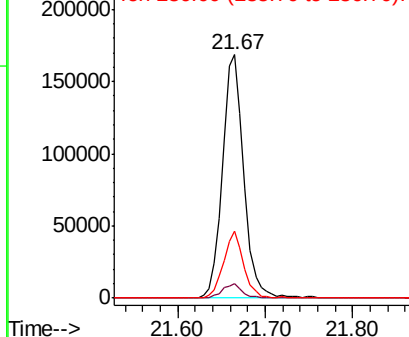
240 100

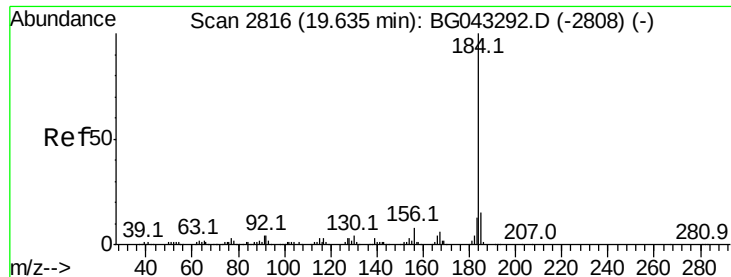
120 6.0 4.6 7.0

236 27.6 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.965 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

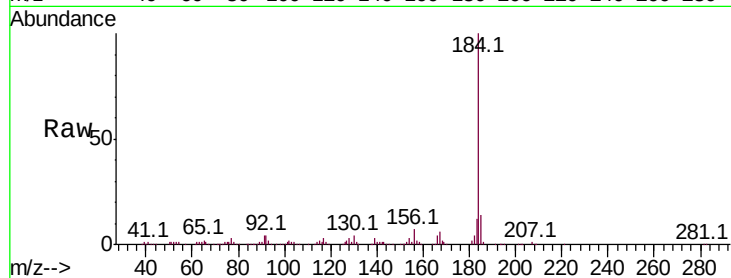
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 302195

Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.8	17.6
183	12.3	10.6	16.0

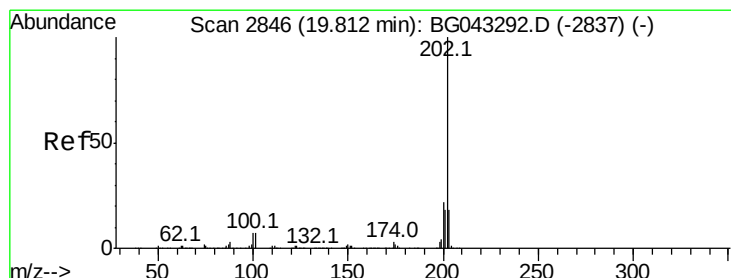
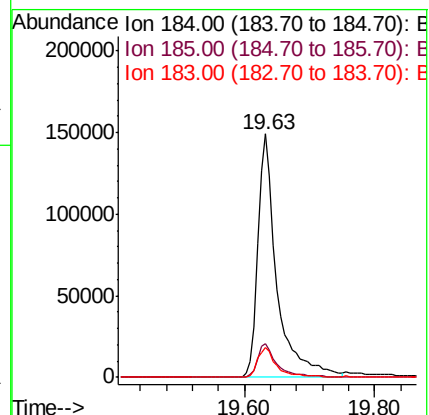
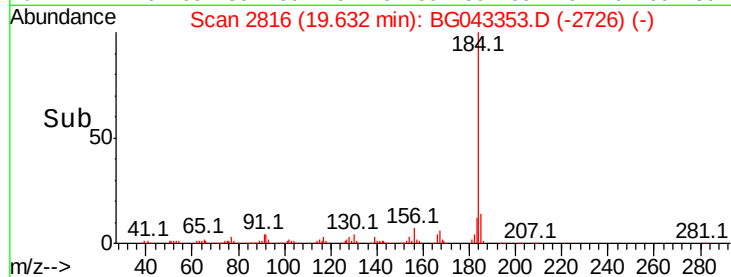


Abundance

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: 38.875 ng

RT: 19.81 min Scan# 2846

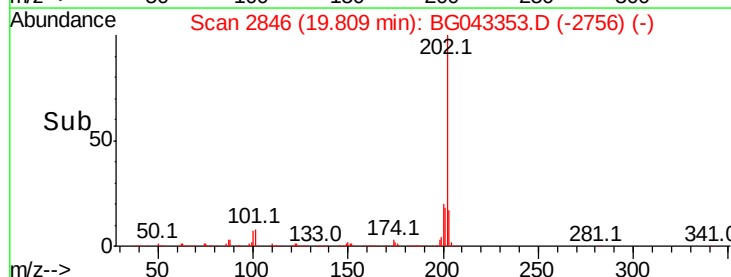
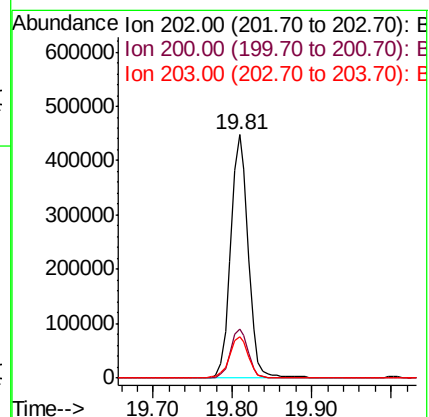
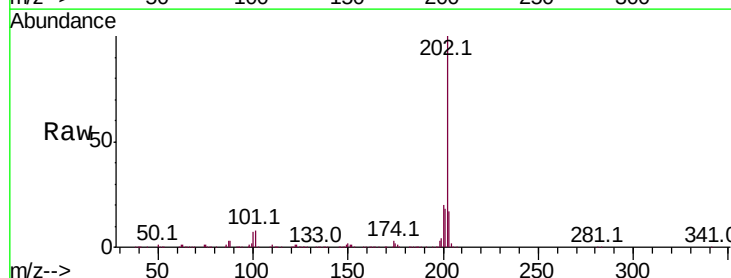
Delta R.T. -0.00 min

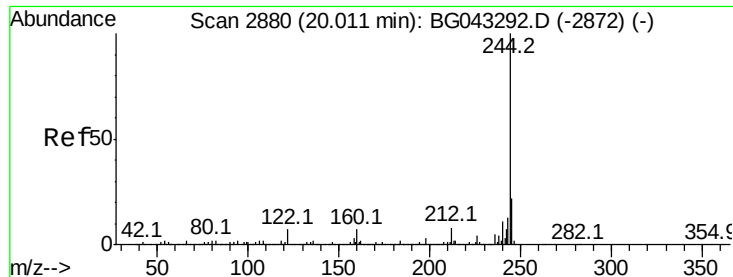
Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Tgt Ion:202 Resp: 682198

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.3	25.9
203	17.1	14.5	21.7





#79

Terphenyl-d14

Concen: 58.850 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampleId :

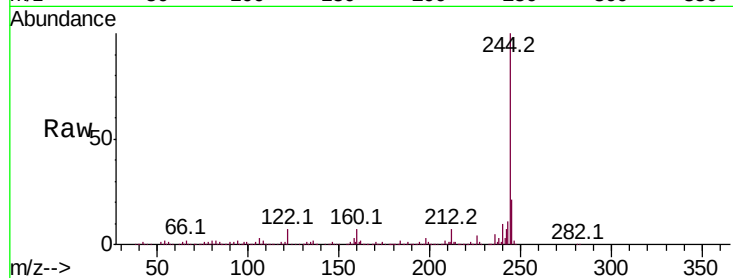
Tot Ion:244 Resp: 889311

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

122 6.9 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

800000

600000

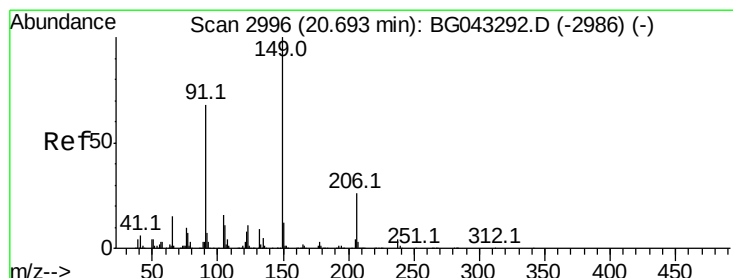
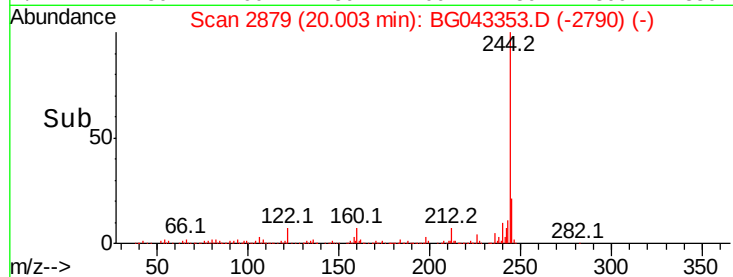
400000

200000

0

19.90 20.00 20.10

Time-->



#80

Butylbenzylphthalate

Concen: 37.763 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

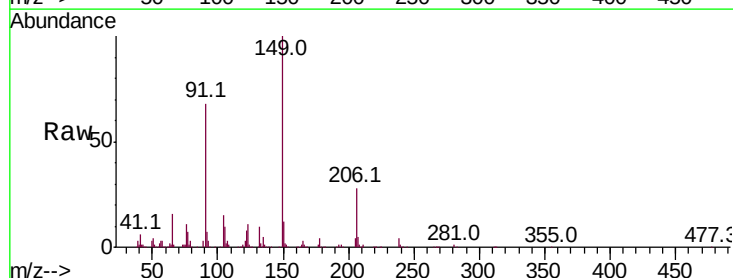
Tgt Ion:149 Resp: 251065

Ion Ratio Lower Upper

149 100

91 68.2 54.6 82.0

206 27.7 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

250000

200000

150000

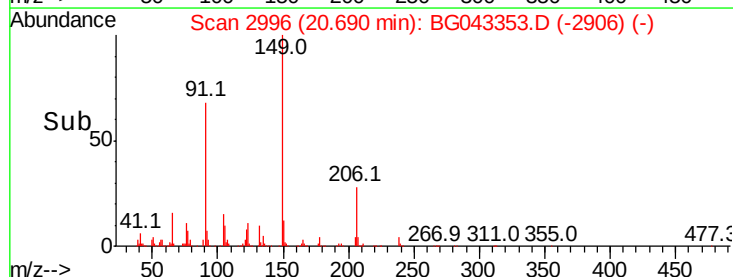
100000

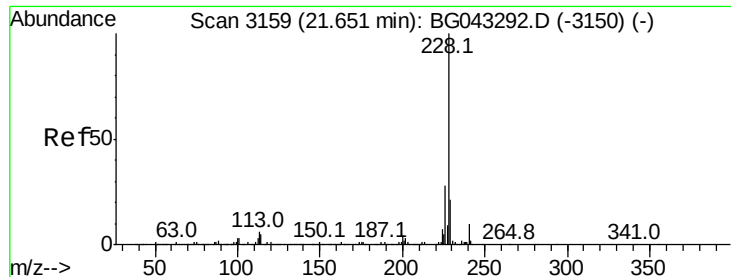
50000

0

20.60 20.65 20.70 20.75

Time-->

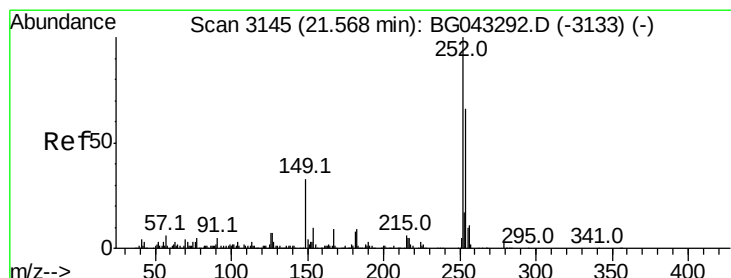
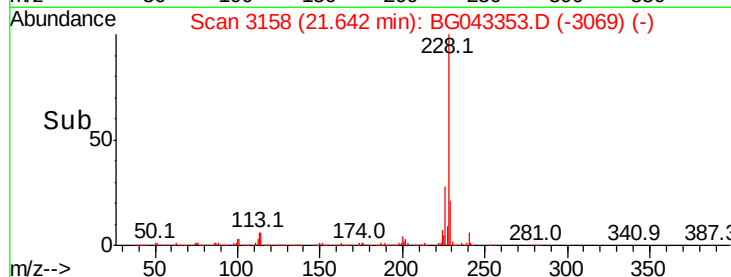
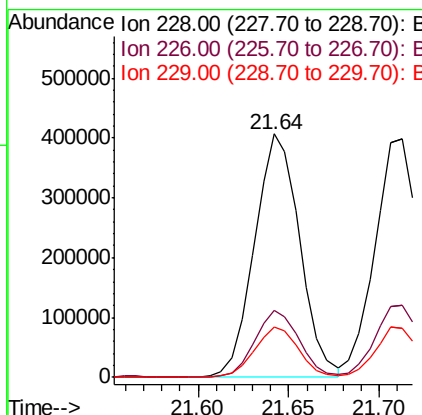
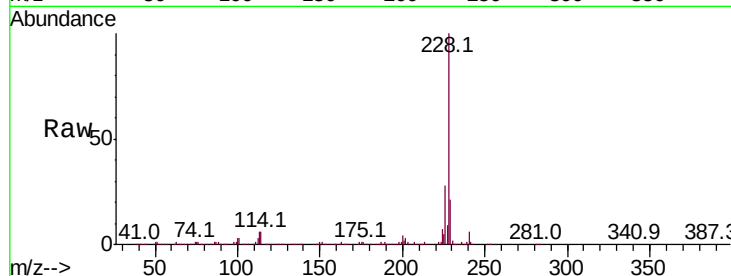




#81
Benzo(a)anthracene
Concen: 39.616 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

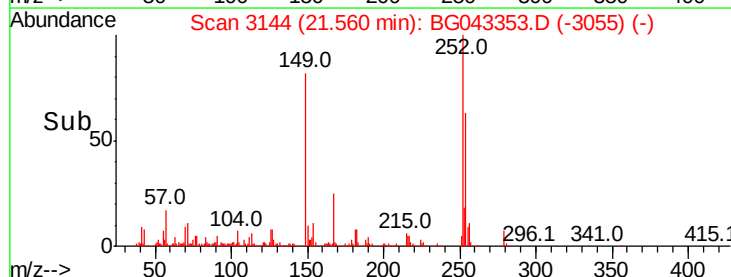
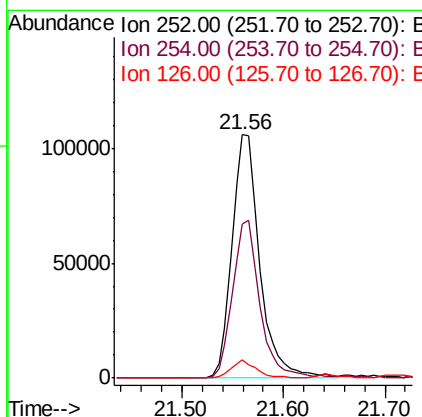
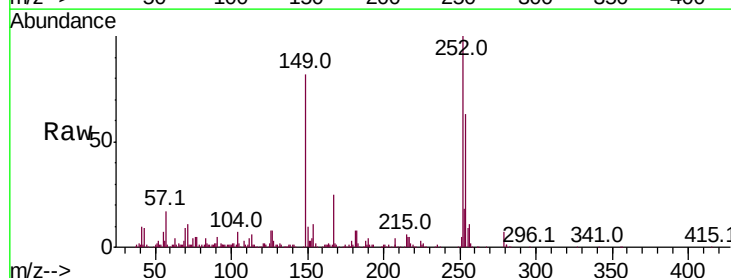
Instrument :
BNA_G
ClientSampleId :

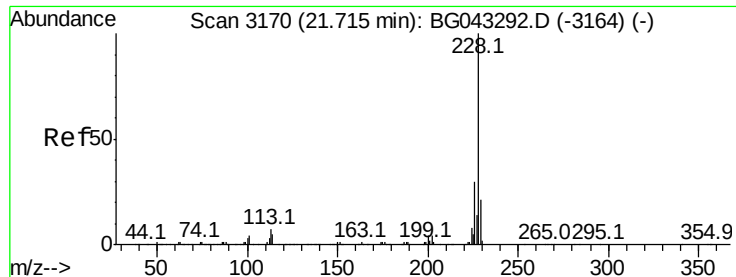
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.4
229	20.6	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 29.409 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.7	79.1
126	7.7	5.6	8.4





#83

Chrysene

Concen: 39.156 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampled :

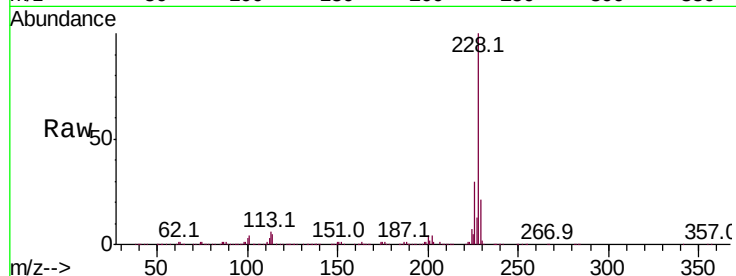
Tot Ion:228 Resp: 690884

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.8

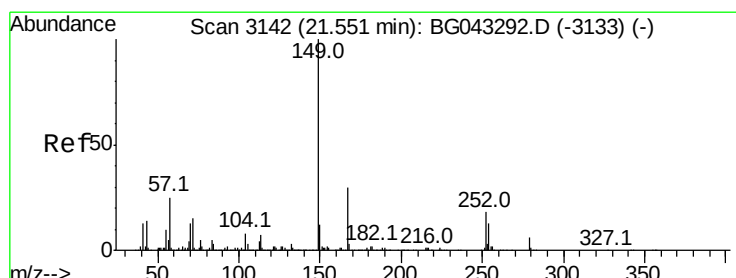
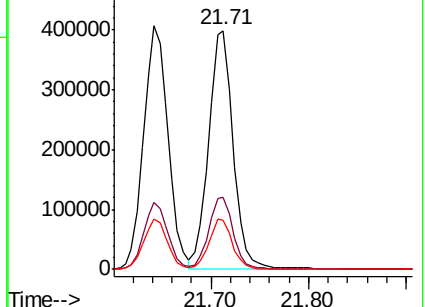
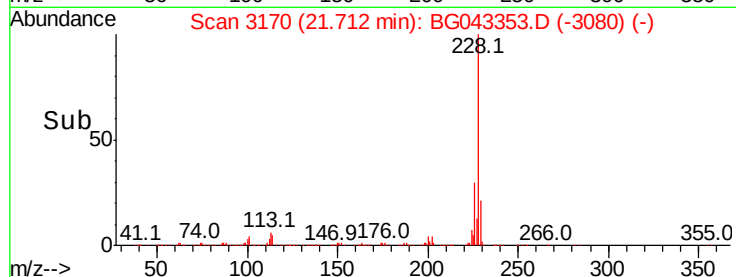
229 20.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.142 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

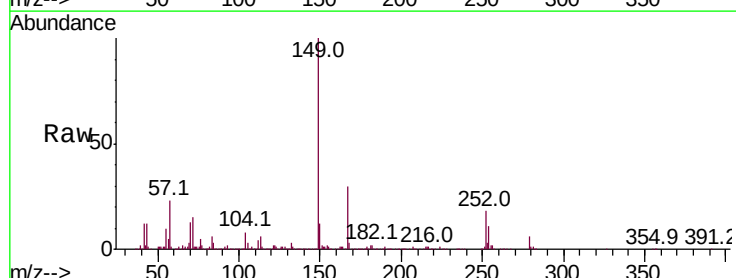
Tgt Ion:149 Resp: 369659

Ion Ratio Lower Upper

149 100

167 29.9 23.9 35.9

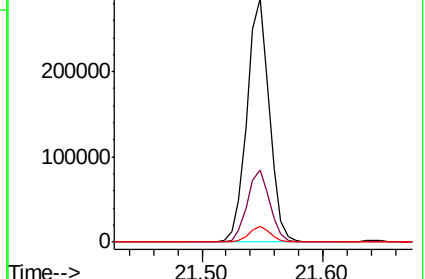
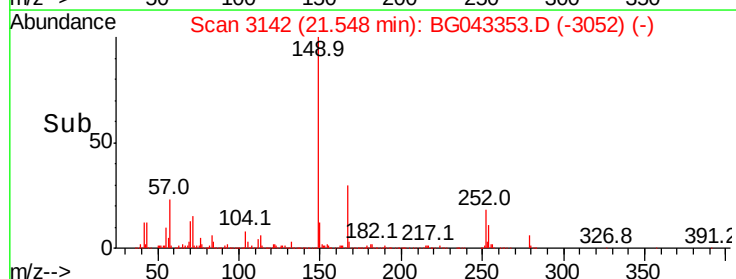
279 6.4 4.8 7.2

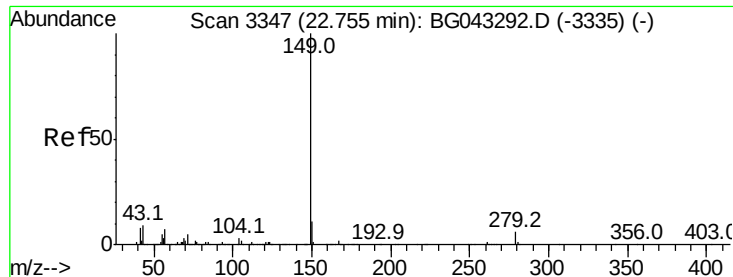


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.524 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043353.D

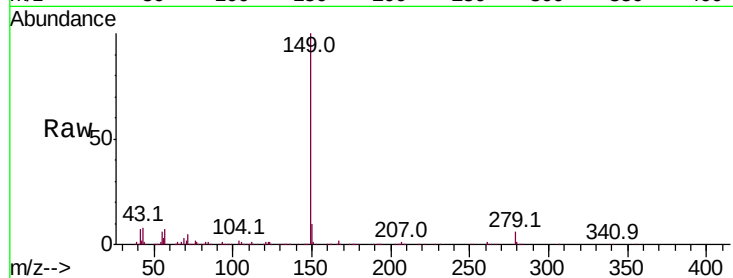
Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampled :

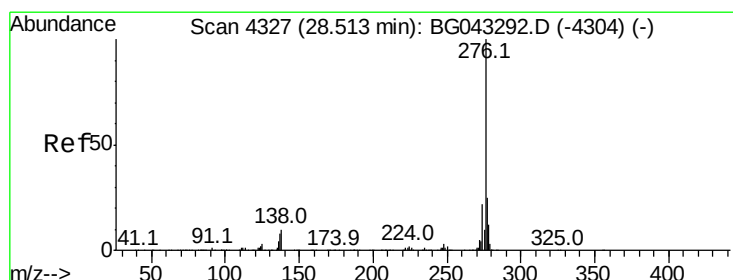
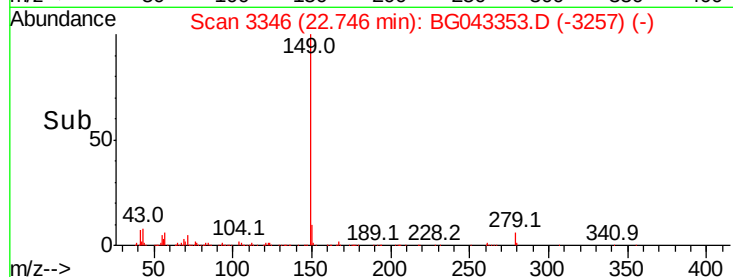
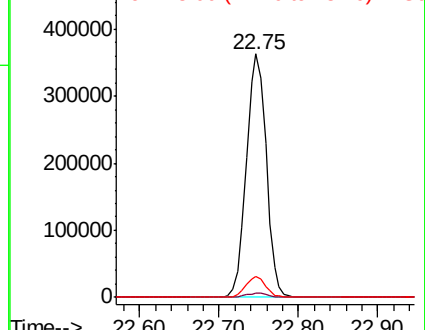
Tot Ion:	149	Resp:	633281
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.4	6.9	10.3



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: 39.855 ng

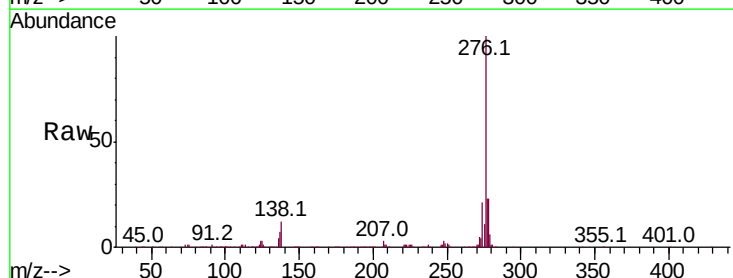
RT: 28.51 min Scan# 4327

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

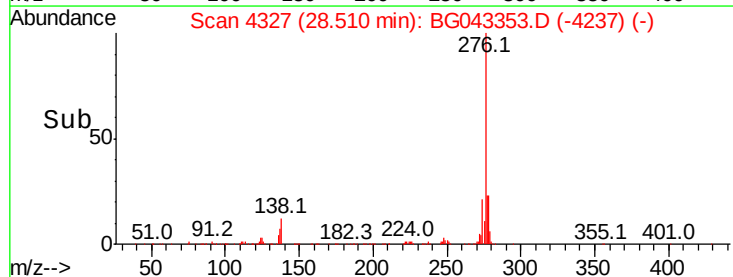
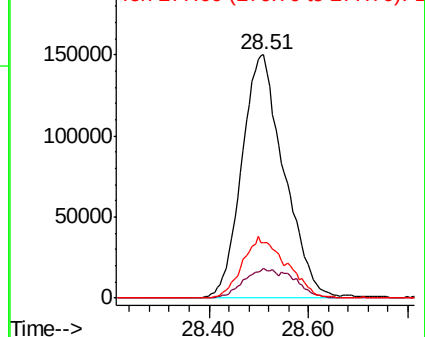
Tgt Ion:	276	Resp:	882711
Ion	Ratio	Lower	Upper
276	100		
138	9.3	7.2	10.8
277	26.1	20.9	31.3

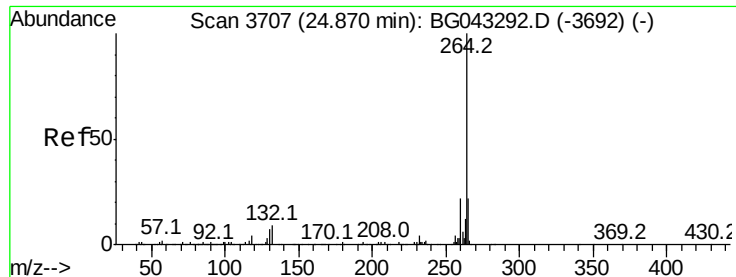


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

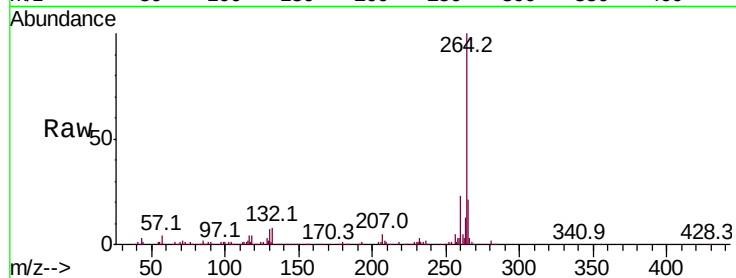
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 325085

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.9	26.9
265	21.4	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

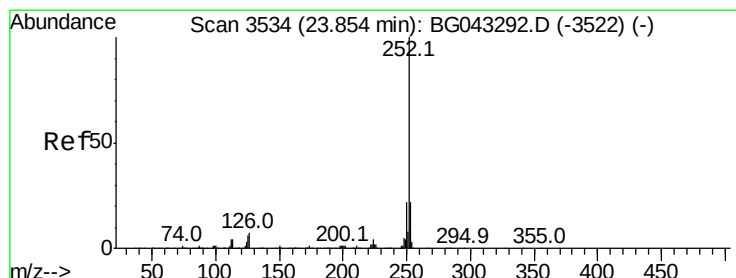
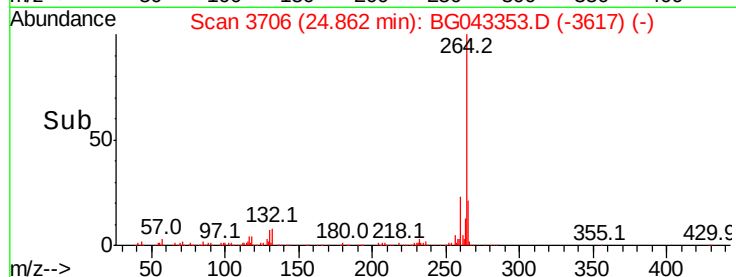
24.86

100000

50000

0

Time-->



#88

Benzo(b)fluoranthene

Concen: 40.767 ng

RT: 23.85 min Scan# 3533

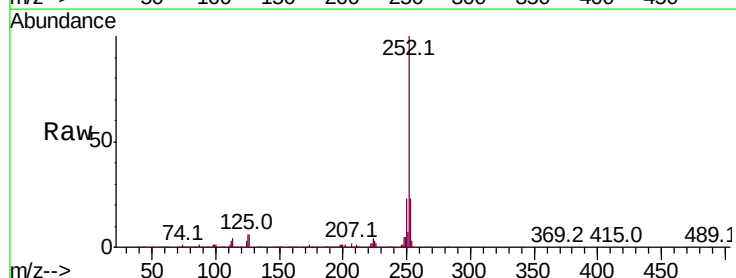
Delta R.T. -0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Tgt Ion:252 Resp: 750592

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	6.0	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

23.85

400000

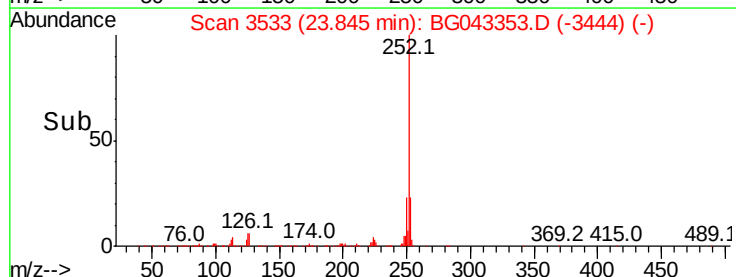
300000

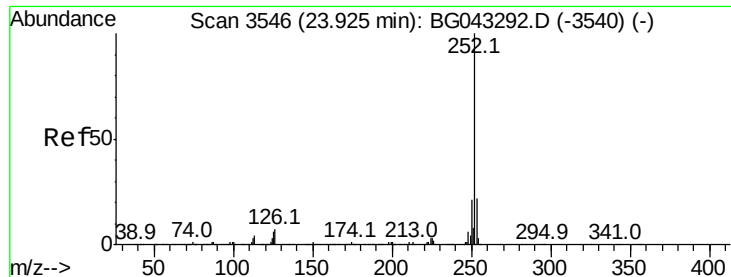
200000

100000

0

Time-->

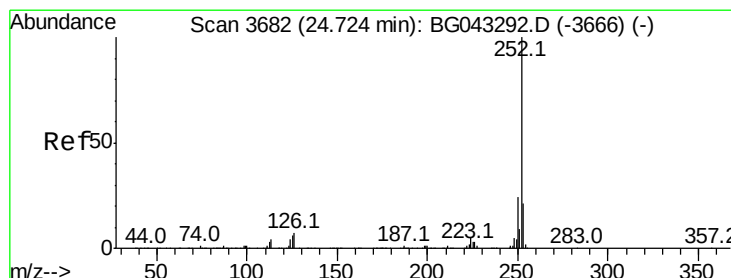
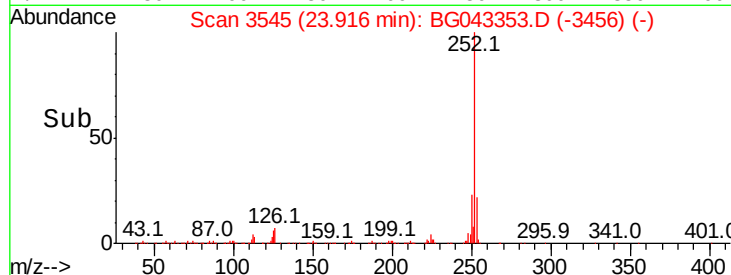
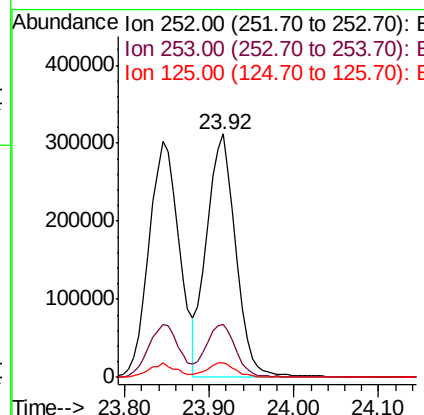
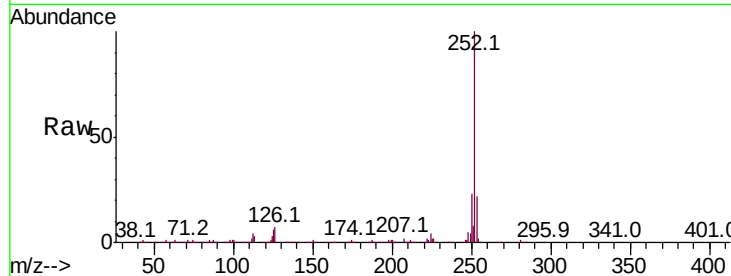




#89
Benzo(k)fluoranthene
Concen: 40.450 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

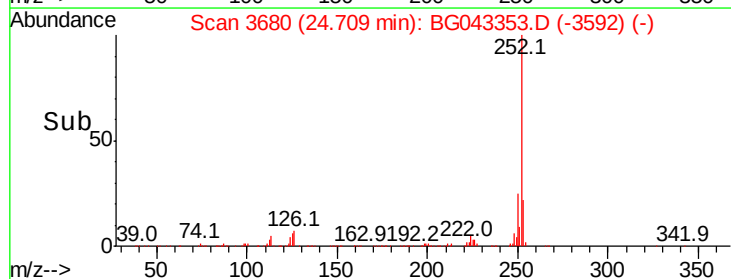
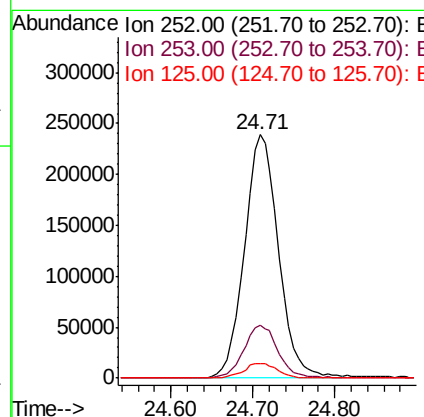
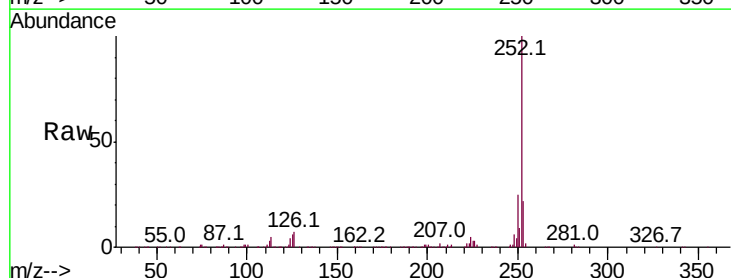
Instrument :
BNA_G
ClientSampleId :

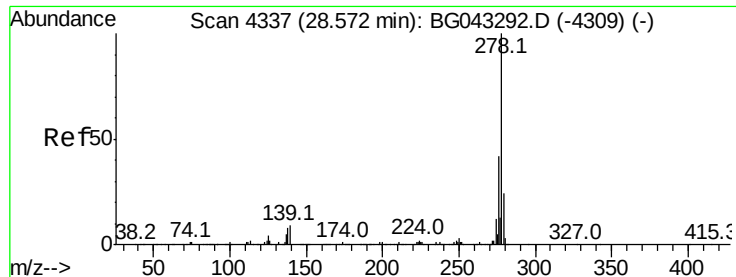
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	5.9	4.5	6.7



#90
Benzo(a)pyrene
Concen: 39.257 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	6.1	5.0	7.6

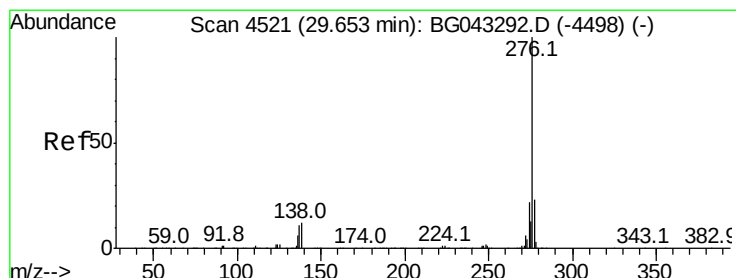
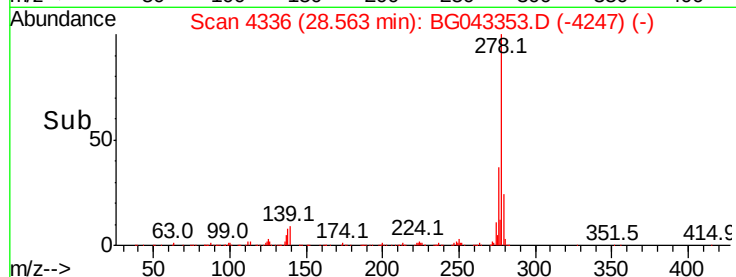
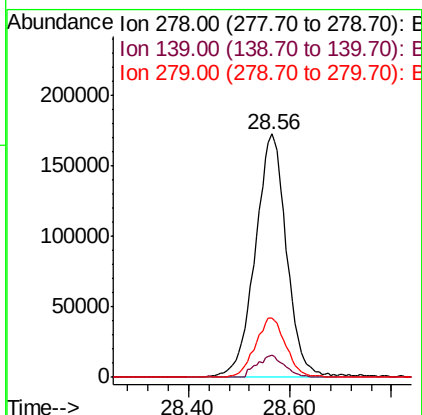
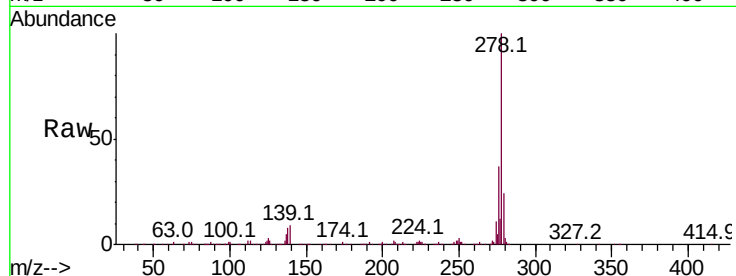




#91
Dibenzo(a,h)anthracene
Concen: 41.104 ng
RT: 28.56 min Scan# 4336
Delta R.T. -0.01 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.2	6.8	10.2
279	24.1	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 41.660 ng
RT: 29.64 min Scan# 4520
Delta R.T. -0.01 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.3	27.5
138	11.7	9.3	13.9

