

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
 Data File : BG043533.D
 Acq On : 6 Nov 2019 23:22
 Operator : JU
 Sample : K5701-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 01:09:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	34684	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	128788	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	87216	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	214548	20.00	ng	0.00
76) Chrysene-d12	21.65	240	225648	20.00	ng	0.00
87) Perylene-d12	24.85	264	265547	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	236365	124.88	ng	0.00
7) Phenol-d6	7.20	99	329795	121.10	ng	0.00
23) Nitrobenzene-d5	9.17	82	195895	78.42	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	191316	115.27	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	498642	79.00	ng	0.00
79) Terphenyl-d14	20.00	244	915028	76.08	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	29712	40.282	ng	98
3) Pyridine	3.87	79	73217	39.351	ng	90
4) n-Nitrosodimethylamine	3.79	42	44224	47.103	ng	92
6) Aniline	7.34	93	91156	29.058	ng	96
8) 2-Chlorophenol	7.58	128	100773	48.231	ng	97
9) Benzaldehyde	7.15	77	55967	41.819	ng	93
10) Phenol	7.22	94	133194	53.524	ng	96
11) bis(2-Chloroethyl)ether	7.43	93	83911	43.614	ng	99
12) 1,3-Dichlorobenzene	7.90	146	114565	43.763	ng	99
13) 1,4-Dichlorobenzene	8.05	146	117805	44.478	ng	98
14) 1,2-Dichlorobenzene	8.36	146	113377	43.841	ng	95
15) Benzyl Alcohol	8.26	79	91951	48.078	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	115671	41.347	ng	98
17) 2-Methylphenol	8.47	107	85477	47.118	ng	98
18) Hexachloroethane	9.09	117	41140	43.052	ng	96
19) n-Nitroso-di-n-propylamine	8.82	70	71835	40.822	ng	93
20) 3+4-Methylphenols	8.80	107	119303	47.959	ng	96
22) Acetophenone	8.83	105	150671	45.684	ng	# 98
24) Nitrobenzene	9.22	77	113804	47.823	ng	# 98
25) Isophorone	9.73	82	210930	46.184	ng	98
26) 2-Nitrophenol	9.93	139	60537	52.692	ng	98
27) 2,4-Dimethylphenol	10.00	122	94450	57.358	ng	96
28) bis(2-Chloroethoxy)methane	10.21	93	114777	45.533	ng	98
29) 2,4-Dichlorophenol	10.47	162	108127	51.249	ng	92
30) 1,2,4-Trichlorobenzene	10.68	180	120308	45.243	ng	98
31) Naphthalene	10.86	128	313568	47.967	ng	98
32) Benzoic acid	10.18	122	42335	36.372	ng	95
33) 4-Chloroaniline	10.98	127	48437	18.076	ng	95
34) Hexachlorobutadiene	11.15	225	85428	43.459	ng	94
35) Caprolactam	11.75	113	21915	30.160	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	111969	48.653	ng	94
37) 2-Methylnaphthalene	12.47	142	233668	46.586	ng	99
38) 1-Methylnaphthalene	12.69	142	224607	47.063	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	147332	45.646	ng	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	162936	96.096	nq	97
43) 2,4,6-Trichlorophenol	13.08	196	93852	49.374	nq	98
44) 2,4,5-Trichlorophenol	13.16	196	108257	56.334	nq	98
46) 1,1'-Biphenyl	13.48	154	316626	47.721	nq	98
47) 2-Chloronaphthalene	13.52	162	242778	48.091	nq	98
48) 2-Nitroaniline	13.72	65	72253	47.887	nq	94
49) Acenaphthylene	14.36	152	396429	50.456	nq	99
50) Dimethylphthalate	14.10	163	392411	58.088	nq	99
51) 2,6-Dinitrotoluene	14.22	165	72909	49.679	nq	95
52) Acenaphthene	14.70	154	234018	48.841	nq	94
53) 3-Nitroaniline	14.56	138	33136	23.385	nq	94
54) 2,4-Dinitrophenol	14.76	184	85571	92.155	nq	98
55) Dibenzofuran	15.04	168	384674	49.507	nq	99
56) 4-Nitrophenol	14.89	139	104639	110.199	nq	92
57) 2,4-Dinitrotoluene	15.00	165	104151	49.657	nq	99
58) Fluorene	15.69	166	318466	48.868	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	102100	50.006	nq	97
60) Diethylphthalate	15.46	149	319863	47.123	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	178191	46.870	nq	98
62) 4-Nitroaniline	15.72	138	68538	46.836	nq	94
63) Azobenzene	15.97	77	270303	49.204	nq	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	65974	52.252	nq	95
66) n-Nitrosodiphenylamine	15.90	169	285533	47.139	nq	98
67) 4-Bromophenyl-phenylether	16.57	248	128561	44.526	nq	96
68) Hexachlorobenzene	16.70	284	142465	42.985	nq	96
69) Atrazine	16.84	200	125554	59.652	nq	98
70) Pentachlorophenol	17.05	266	140416	92.978	nq	97
71) Phenanthrene	17.43	178	513528	46.742	nq	99
72) Anthracene	17.52	178	536950	48.848	nq	97
73) Carbazole	17.79	167	475276	47.746	nq	99
74) Di-n-butylphthalate	18.34	149	564992	46.778	nq	99
75) Fluoranthene	19.44	202	670851	46.837	nq	99
77) Benzidine	19.62	184	359614	79.189	nq	99
78) Pyrene	19.80	202	673258	48.202	nq	100
80) Butylbenzylphthalate	20.68	149	254110	48.021	nq	97
81) Benzo(a)anthracene	21.64	228	696496	49.277	nq	99
82) 3,3'-Dichlorobenzidine	21.55	252	133610	24.440	nq	91
83) Chrysene	21.70	228	668421	47.596	nq	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	372089	49.500	nq	99
85) Di-n-octyl phthalate	22.74	149	636846	49.937	nq	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	885912	50.255	nq	# 98
88) Benzo(b)fluoranthene	23.84	252	716923	47.669	nq	99
89) Benzo(k)fluoranthene	23.90	252	747451	49.367	nq	99
90) Benzo(a)pyrene	24.70	252	683340	47.580	nq	99
91) Dibenzo(a,h)anthracene	28.55	278	746930	50.846	nq	98
92) Benzo(g,h,i)perylene	29.63	276	740827	51.126	nq	99

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

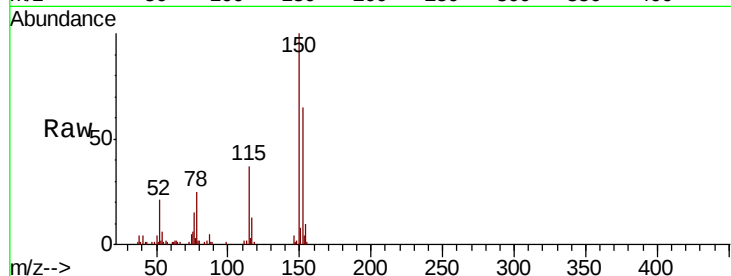


#1

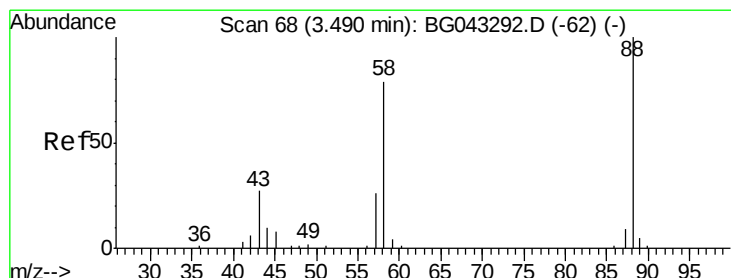
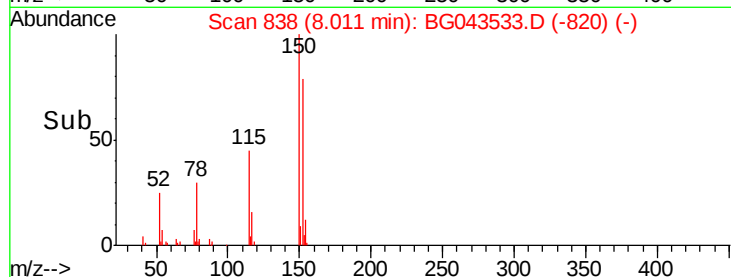
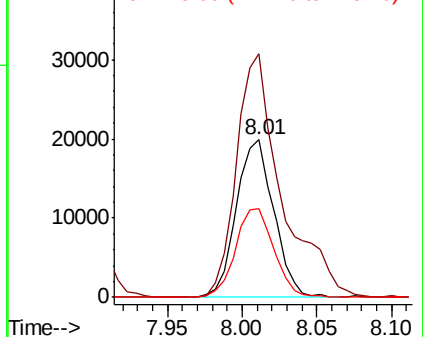
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34684
Ion Ratio Lower Upper
152 100
150 154.3 129.4 194.0
115 56.4 48.8 73.2



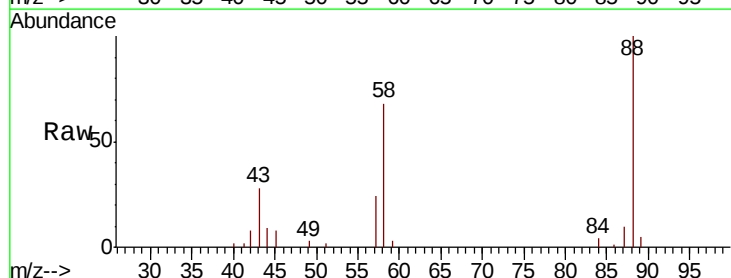
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



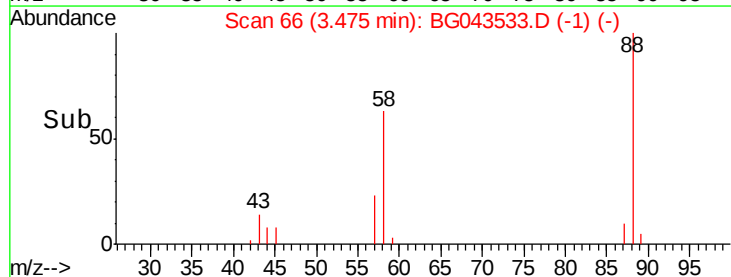
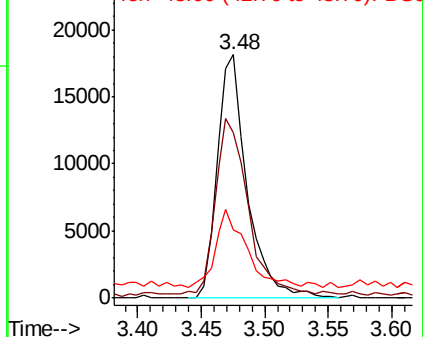
#2

1,4-Dioxane
Concen: 40.282 ng
RT: 3.48 min Scan# 66
Delta R.T. 0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Tgt Ion: 88 Resp: 29712
Ion Ratio Lower Upper
88 100
58 79.4 62.7 94.1
43 32.2 23.7 35.5



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





#3

Pvridine

Concen: 39.351 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

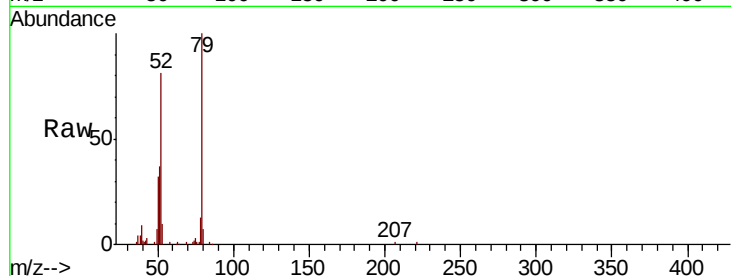
Tot Ion: 79 Resp: 73217

Ion Ratio Lower Upper

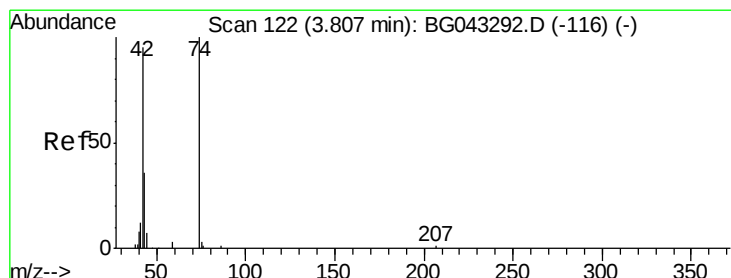
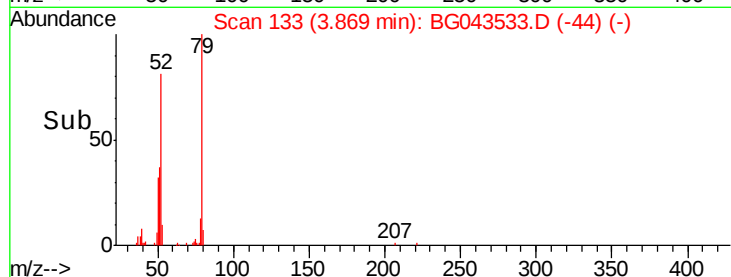
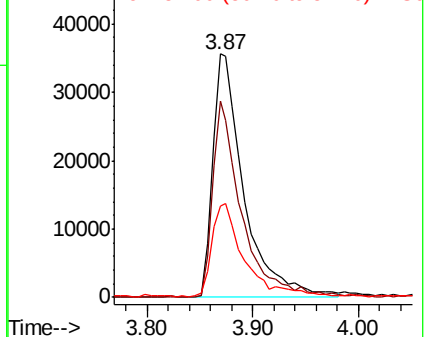
79 100

52 80.8 56.5 84.7

51 37.3 33.2 49.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 47.103 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

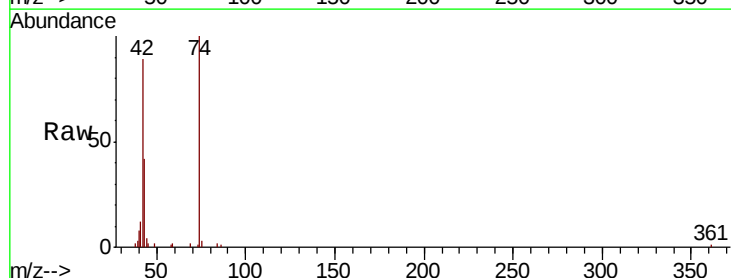
Tgt Ion: 42 Resp: 44224

Ion Ratio Lower Upper

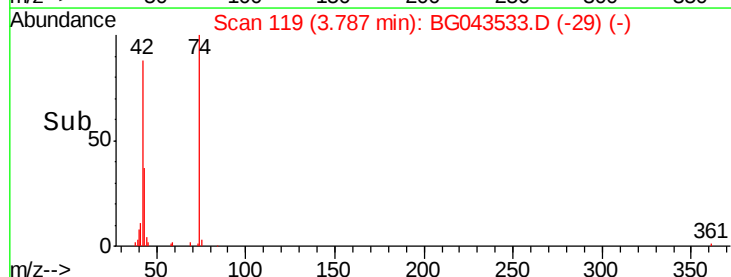
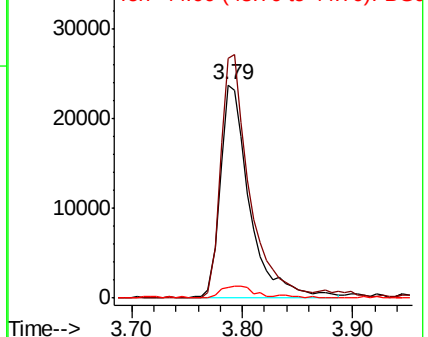
42 100

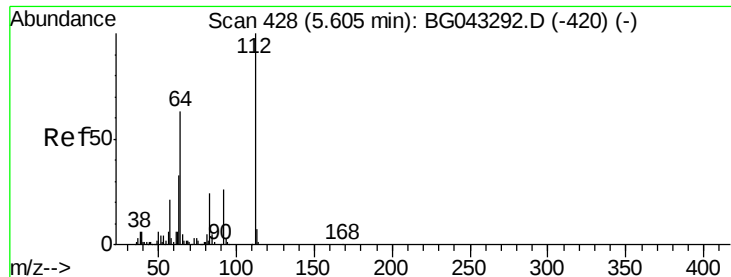
74 112.6 97.3 145.9

44 4.8 4.4 6.6



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 124.878 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

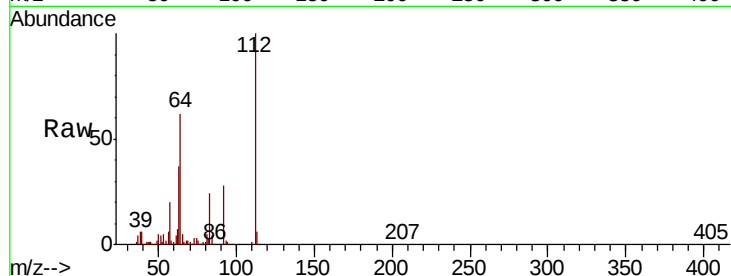
Tot Ion:112 Resp: 236365

Ion Ratio Lower Upper

112 100

64 61.9 50.0 75.0

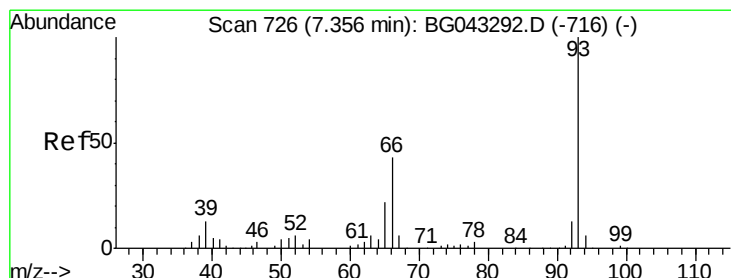
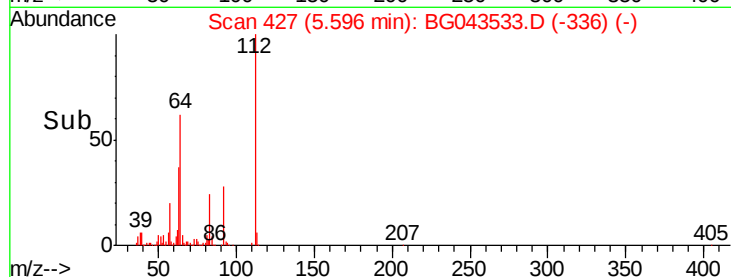
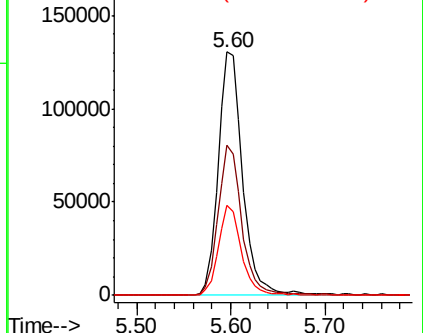
63 37.2 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.058 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

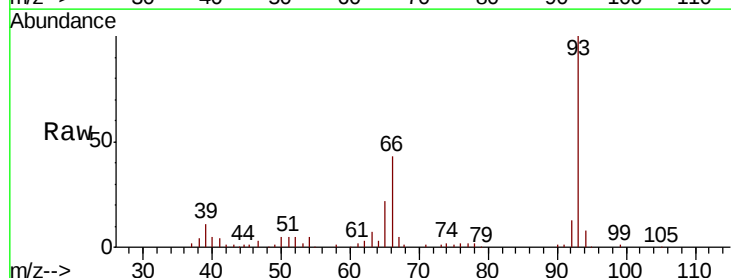
Tgt Ion: 93 Resp: 91156

Ion Ratio Lower Upper

93 100

66 43.0 32.3 48.5

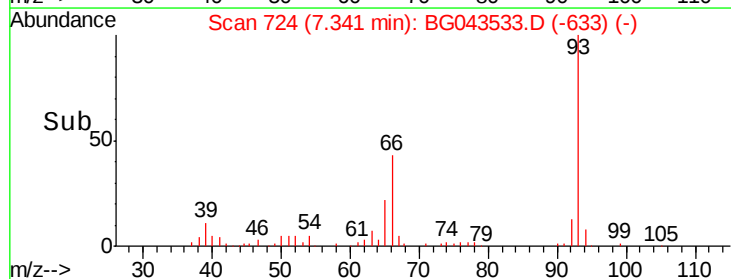
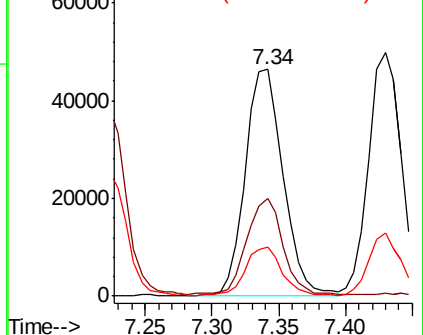
65 21.7 16.1 24.1

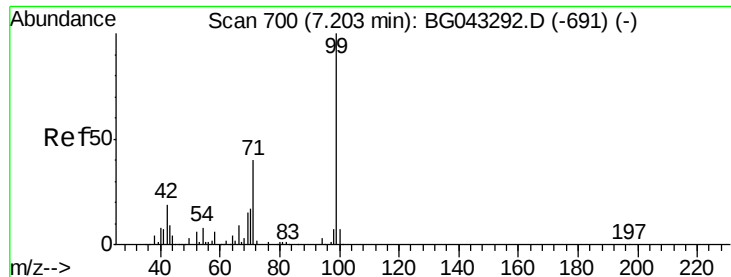


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.104 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

Instrument :

BNA_G

ClientSampled :

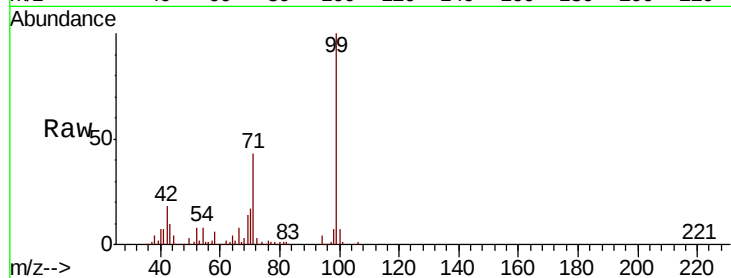
Tot Ion: 99 Resp: 329795

Ion Ratio Lower Upper

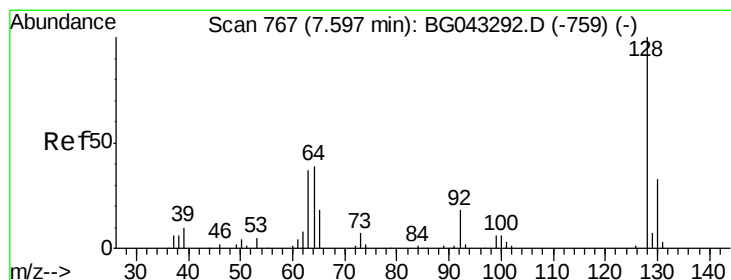
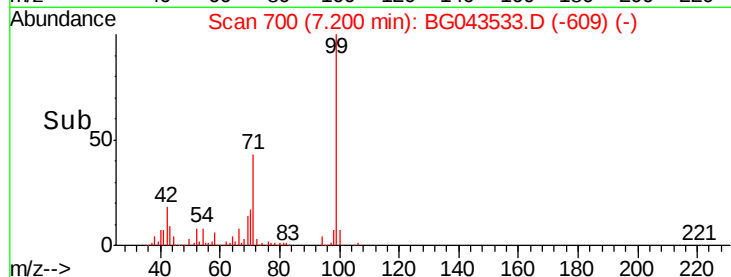
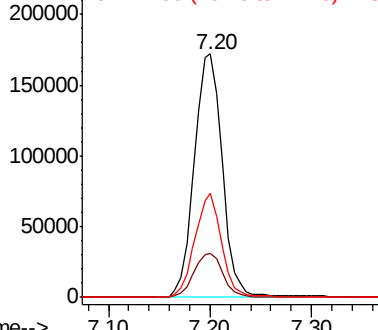
99 100

42 18.2 14.6 21.8

71 42.9 32.5 48.7



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



#8

2-Chlorophenol

Concen: 48.231 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

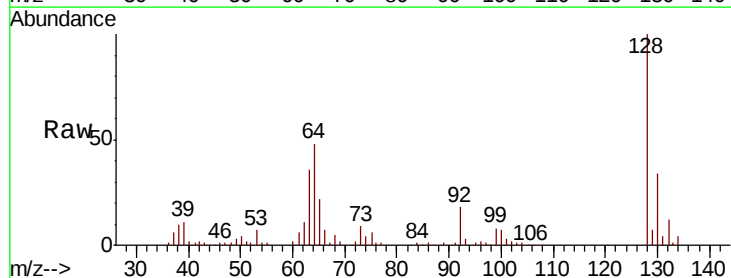
Tgt Ion: 128 Resp: 100773

Ion Ratio Lower Upper

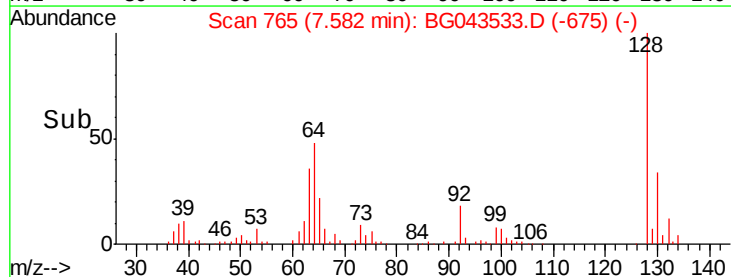
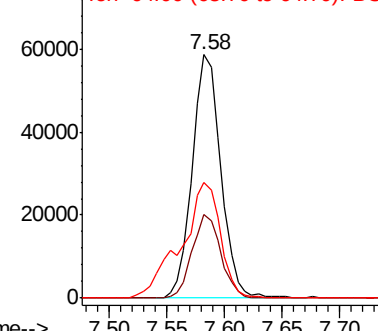
128 100

130 34.3 12.5 52.5

64 47.5 25.3 65.3



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





#9

Benzaldehyde

Concen: 41.819 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

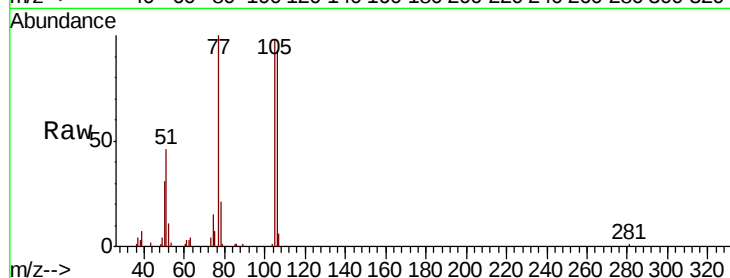
Tot Ion: 77 Resp: 55967

Ion Ratio Lower Upper

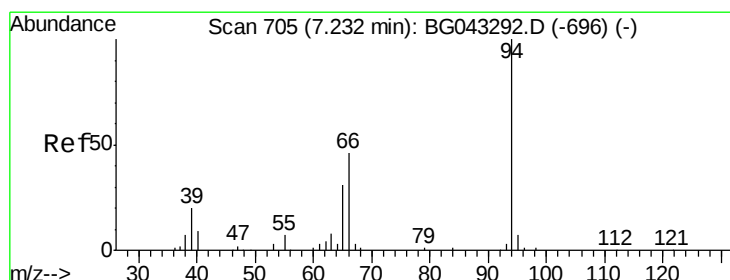
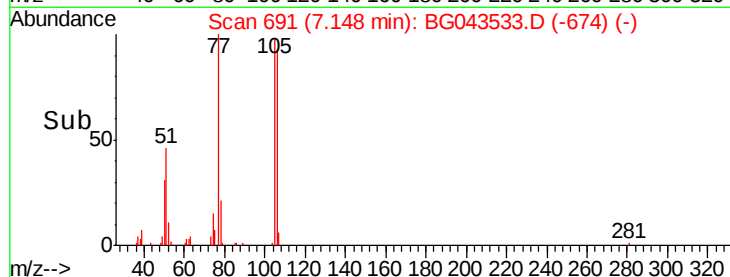
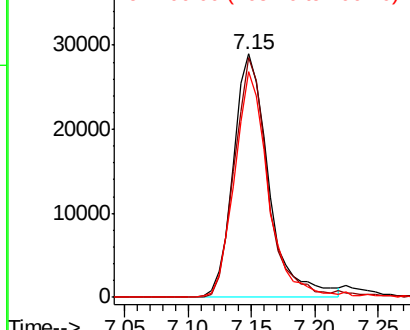
77 100

105 98.3 68.6 108.6

106 92.7 69.9 109.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 53.524 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

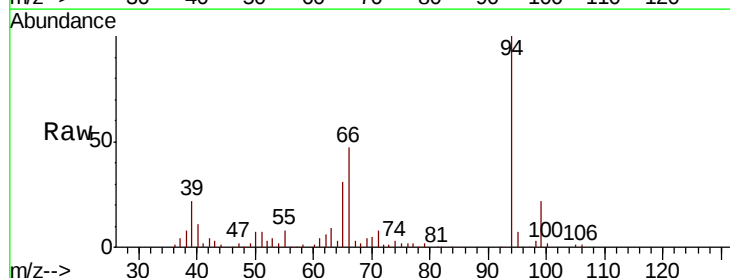
Tgt Ion: 94 Resp: 133194

Ion Ratio Lower Upper

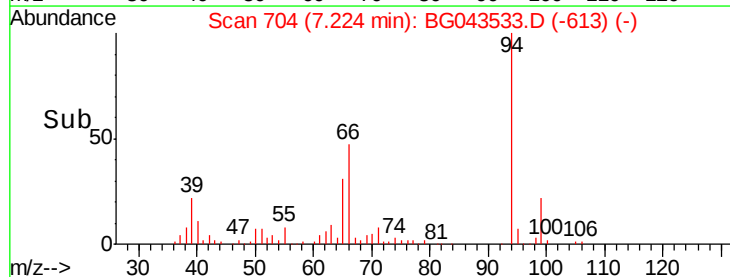
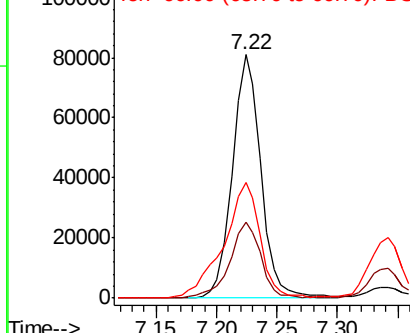
94 100

65 31.4 12.6 52.6

66 47.3 30.7 70.7



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

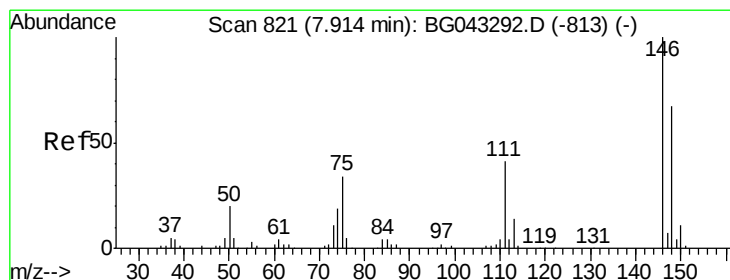
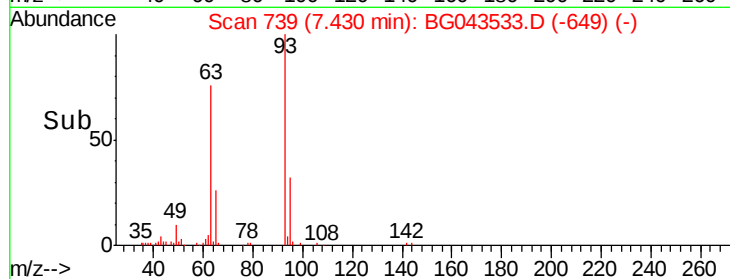
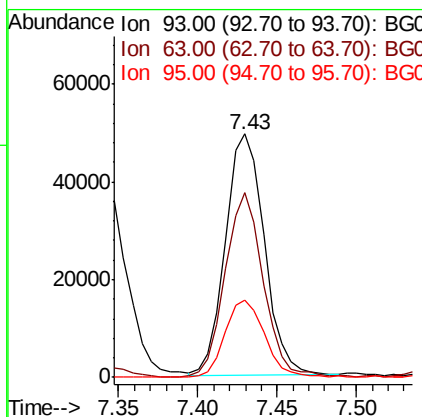
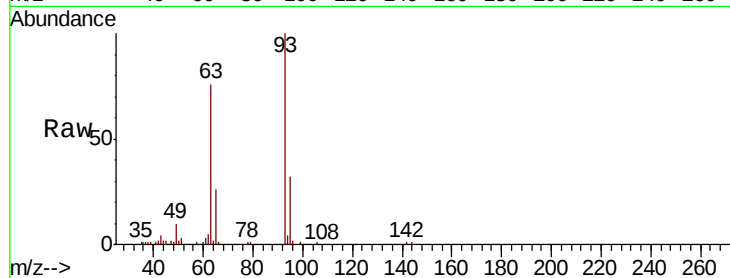




#11
bis(2-Chloroethyl)ether
Concen: 43.614 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

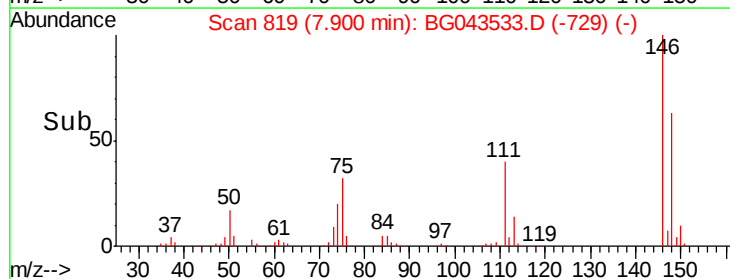
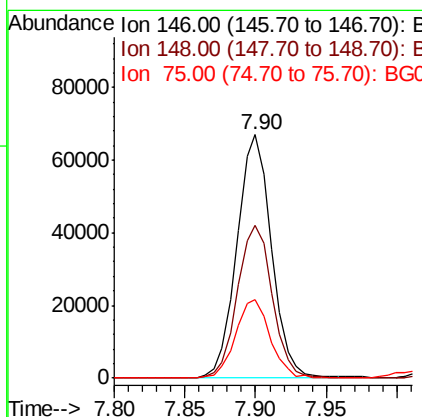
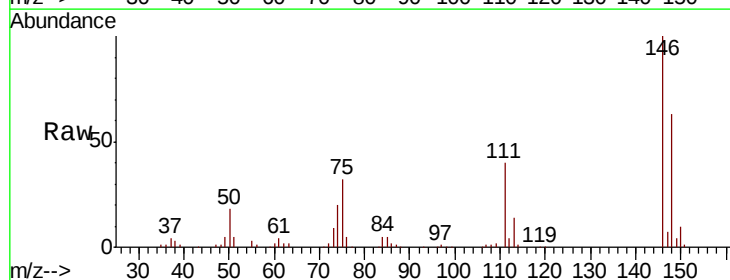
Instrument :
BNA_G
ClientSampleId :

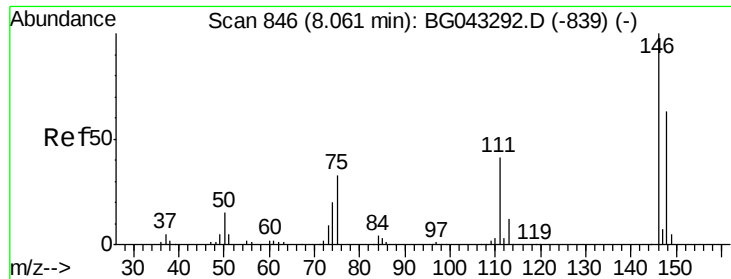
Tot Ion: 93 Resp: 83911
Ion Ratio Lower Upper
93 100
63 75.8 56.3 96.3
95 31.7 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 43.763 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Tgt Ion: 146 Resp: 114565
Ion Ratio Lower Upper
146 100
148 62.5 50.3 75.5
75 32.3 24.6 37.0

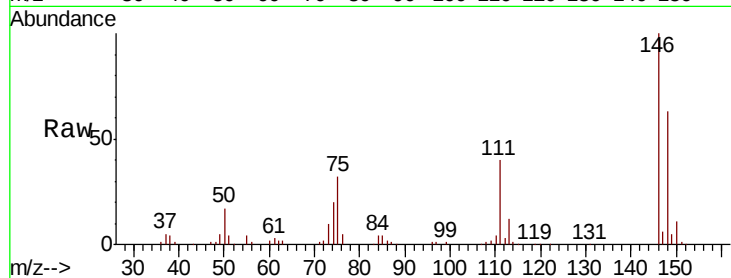




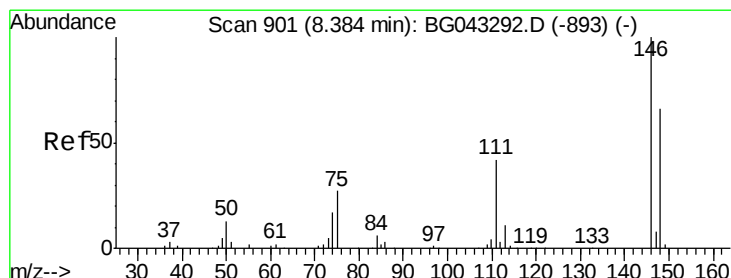
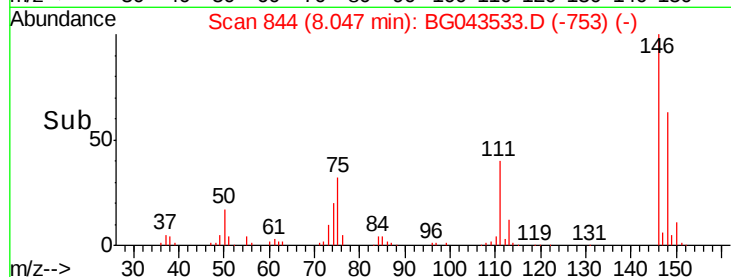
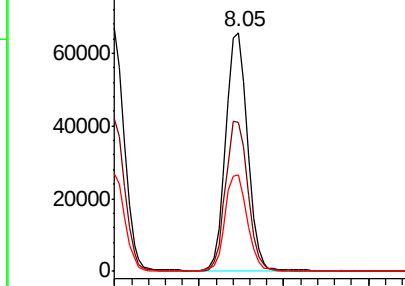
#13
 1,4-Dichlorobenzene
 Concen: 44.478 ng
 RT: 8.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BG043533.D
 Acq: 6 Nov 2019 23:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 117805
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.7 76.1
 111 40.5 33.4 50.2

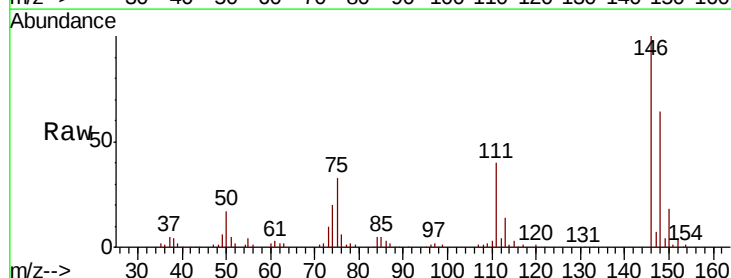


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

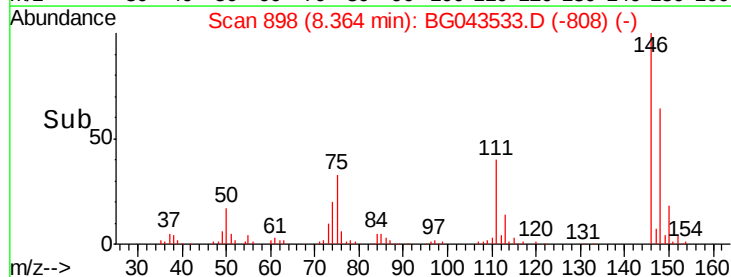
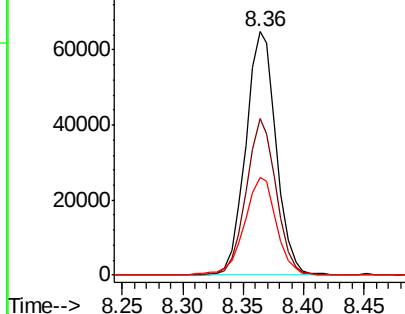


#14
 1,2-Dichlorobenzene
 Concen: 43.841 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG043533.D
 Acq: 6 Nov 2019 23:22

Tgt Ion:146 Resp: 113377
 Ion Ratio Lower Upper
 146 100
 148 64.2 53.2 79.8
 111 40.1 35.8 53.6



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

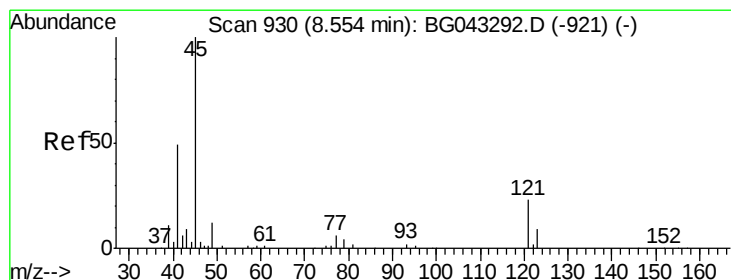
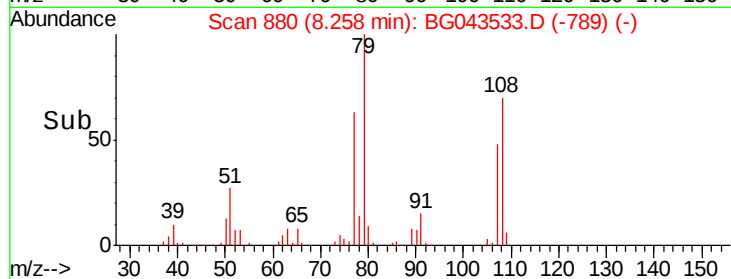
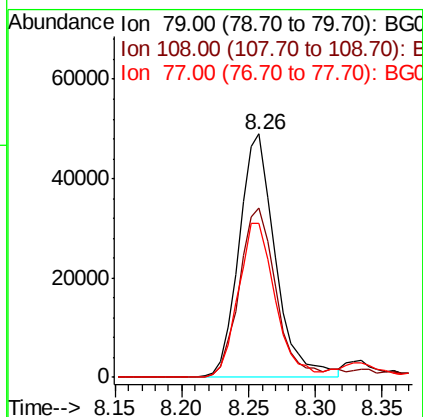
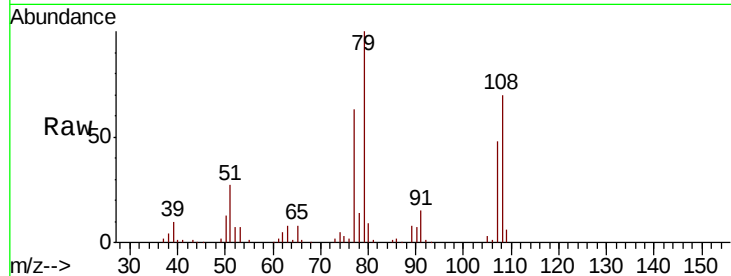




#15
Benzyl Alcohol
Concen: 48.078 ng
RT: 8.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

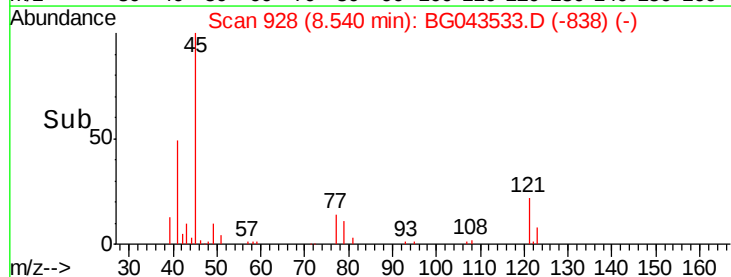
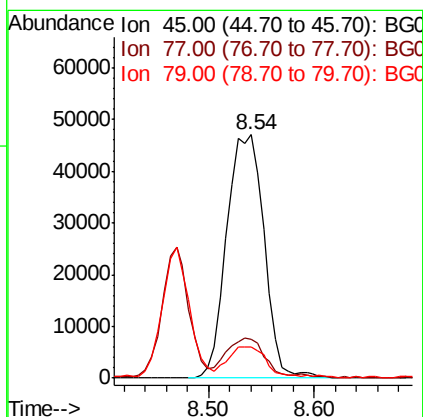
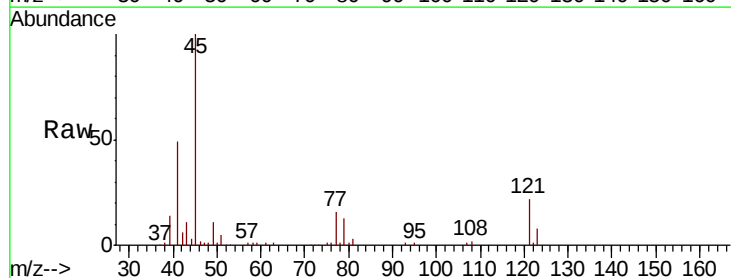
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.6	53.6	80.4
77	63.2	49.6	74.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.347 ng
RT: 8.54 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.0	34.9
79	12.6	0.0	33.0





#17

2-Methylphenol

Concen: 47.118 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 85477

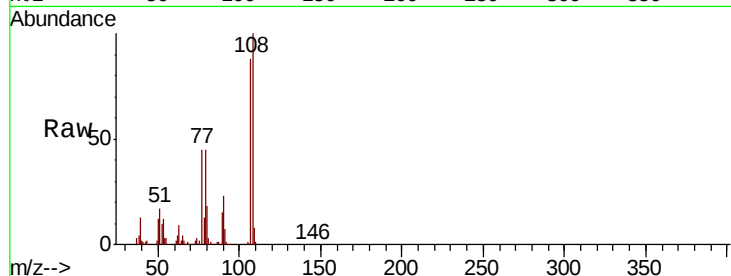
Ion Ratio Lower Upper

107 100

108 114.2 90.2 135.4

77 51.7 40.2 60.2

79 51.6 44.0 66.0

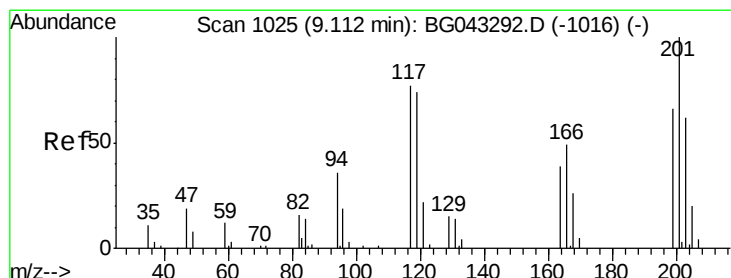
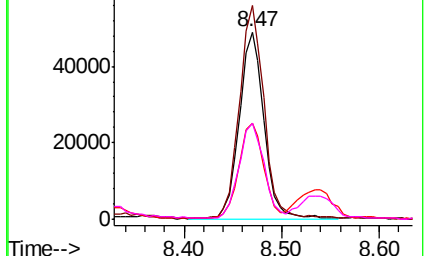
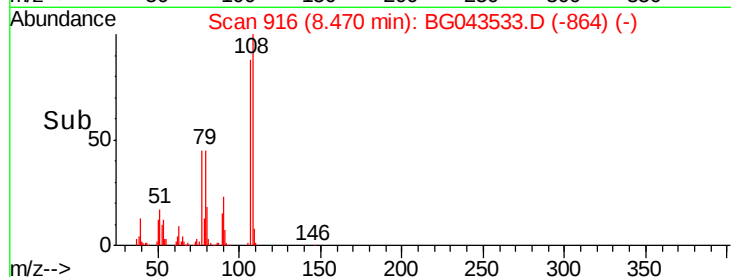


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.052 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

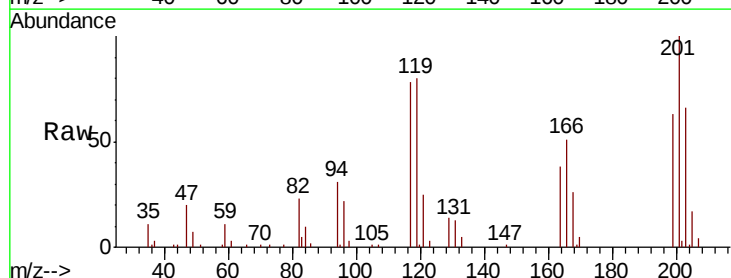
Tgt Ion:117 Resp: 41140

Ion Ratio Lower Upper

117 100

119 102.5 79.0 118.4

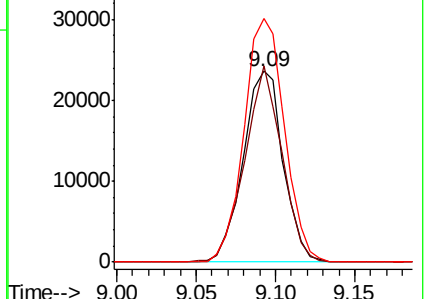
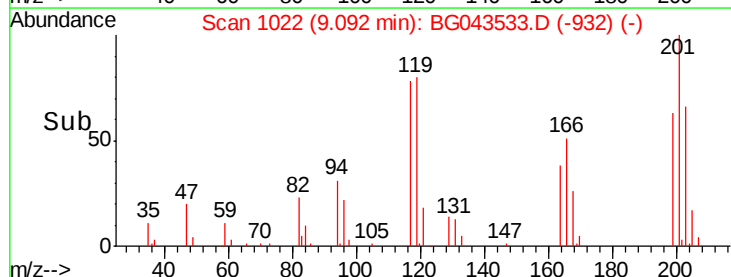
201 127.5 105.4 158.2

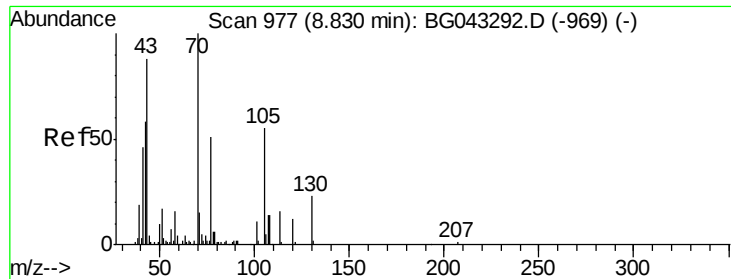


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

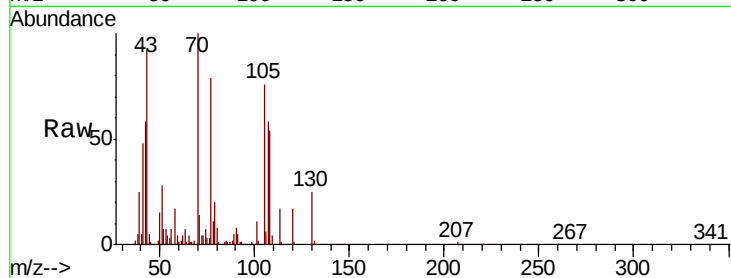




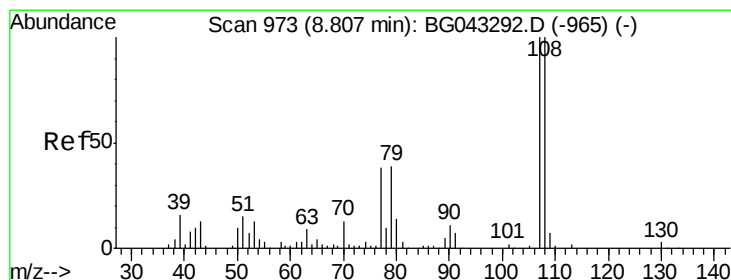
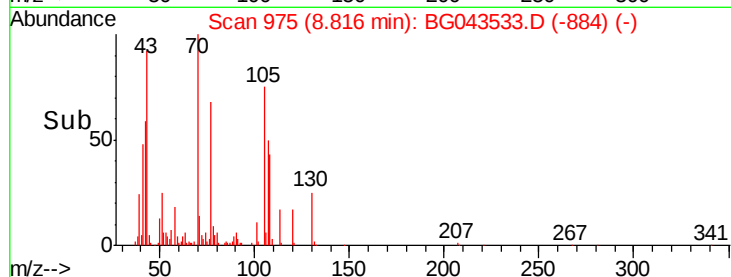
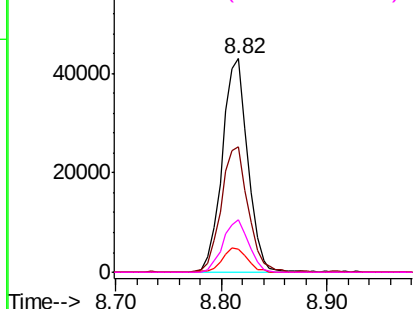
#19
n-Nitroso-di-n-propylamine
Concen: 40.822 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 71835
Ion Ratio Lower Upper
70 100
42 58.5 41.4 62.2
101 11.1 7.9 11.9
130 24.7 19.0 28.4

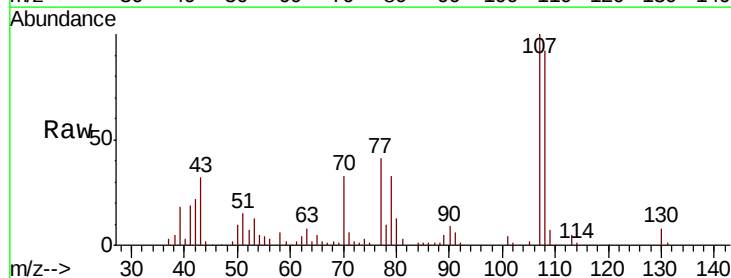


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

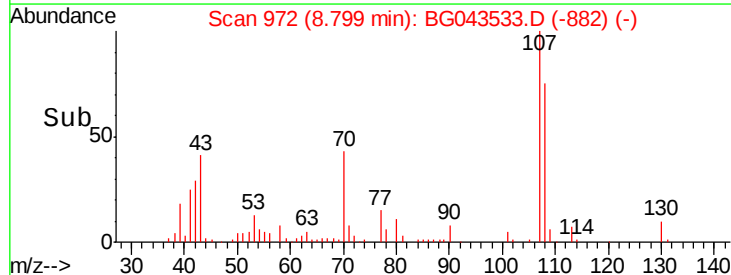
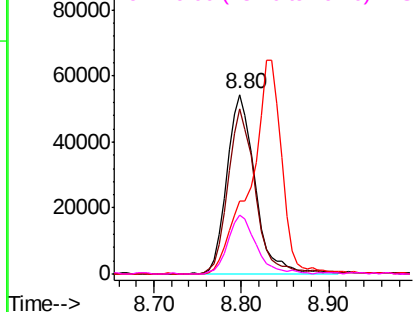


#20
3+4-Methylphenols
Concen: 47.959 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Tgt Ion: 107 Resp: 119303
Ion Ratio Lower Upper
107 100
108 92.3 66.6 106.6
77 40.7 20.9 60.9
79 33.1 11.3 51.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 128788

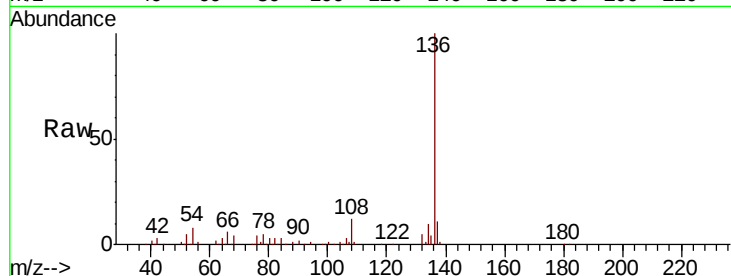
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.6 5.4 8.2

68 4.2 3.0 4.4

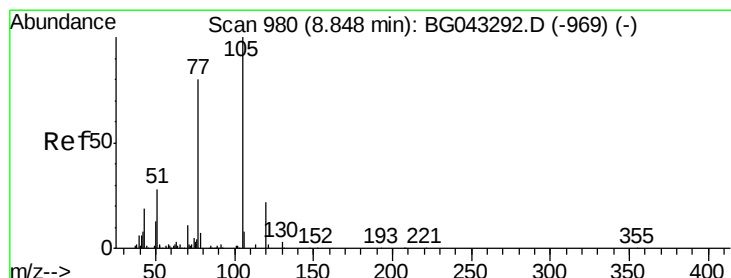
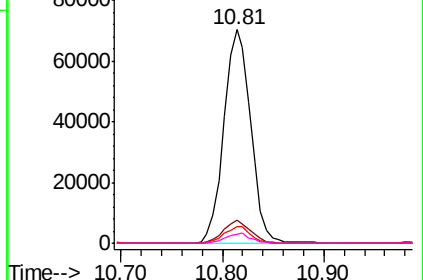
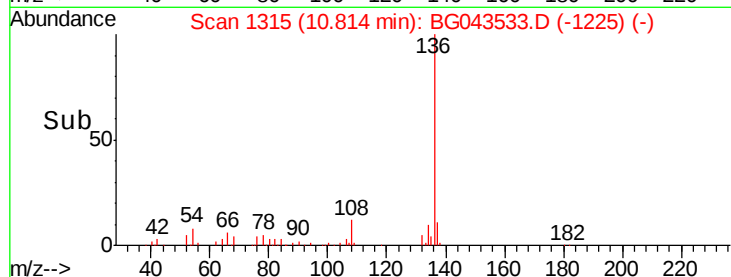


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 45.684 ng

RT: 8.83 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

Tgt Ion:105 Resp: 150671

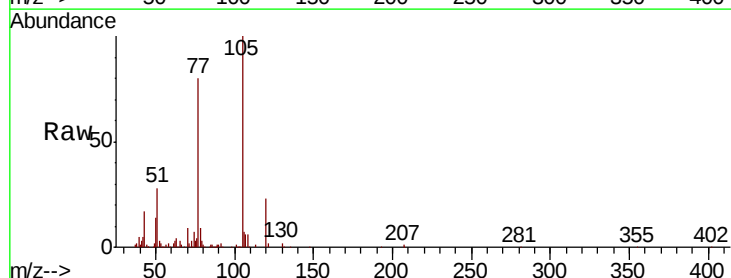
Ion Ratio Lower Upper

105 100

71 1.6 0.8 1.2#

51 27.6 21.0 31.4

120 23.1 18.0 27.0

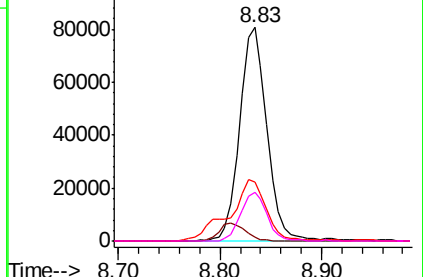
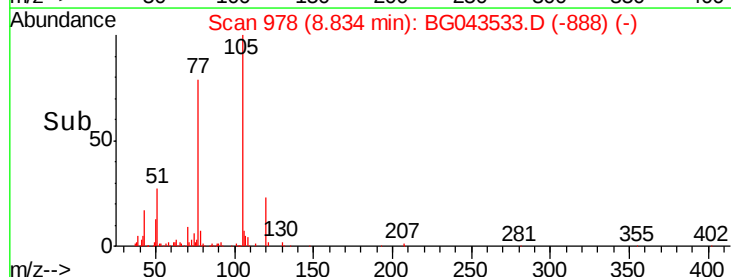


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

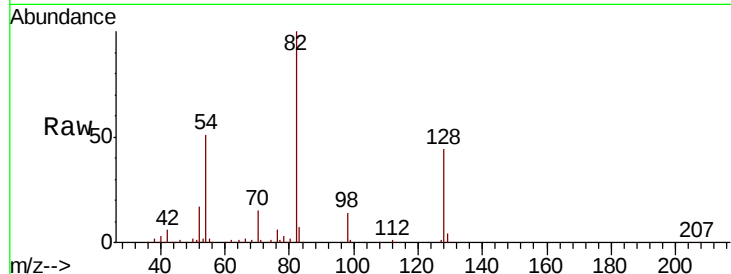




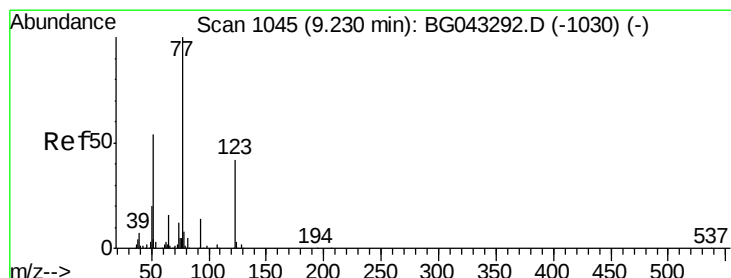
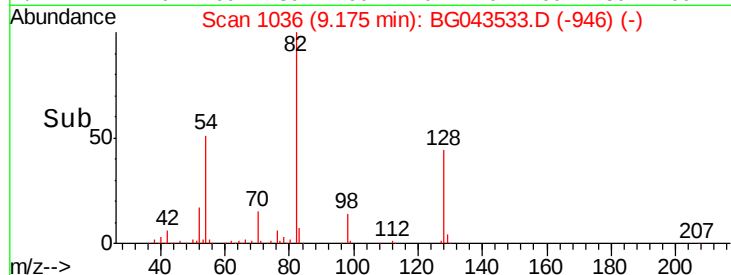
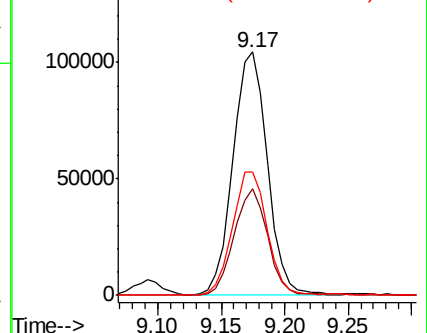
#23
Nitrobenzene-d5
Concen: 78.418 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.0	52.6
54	50.9	40.2	60.2

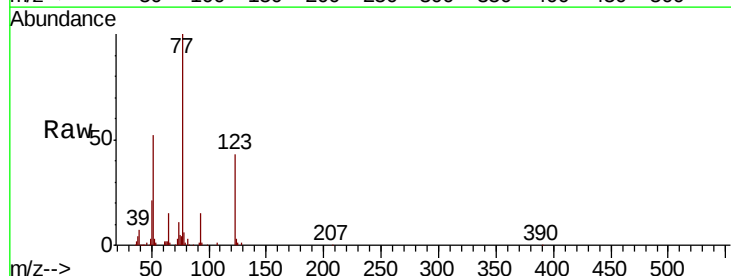


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

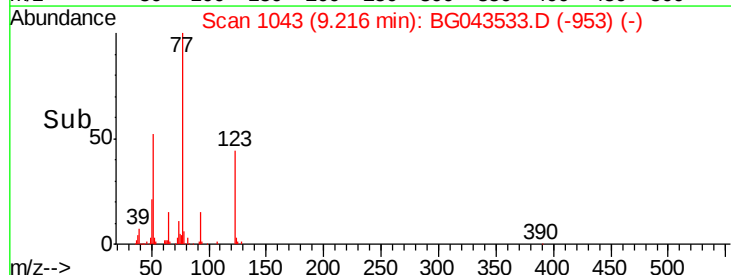
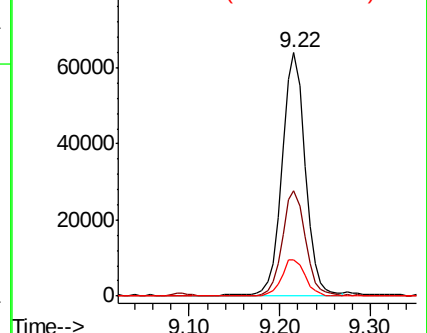


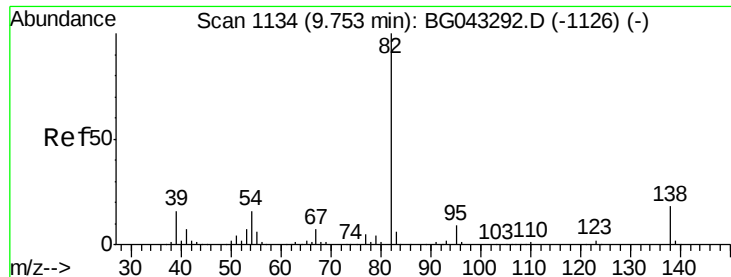
#24
Nitrobenzene
Concen: 47.823 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.4	35.0	52.6
65	15.0	9.5	14.3#



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

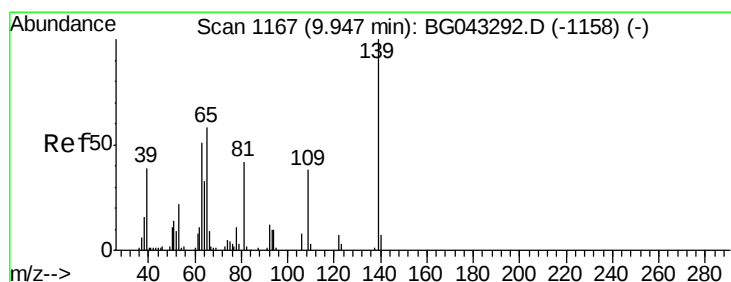
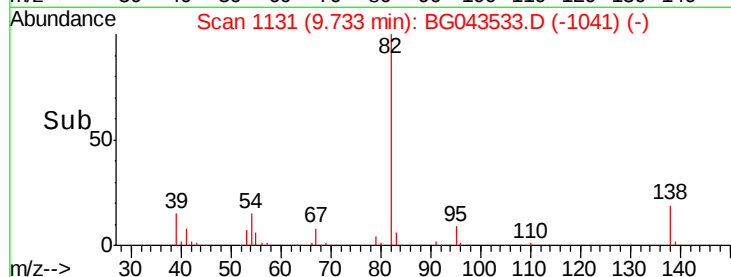
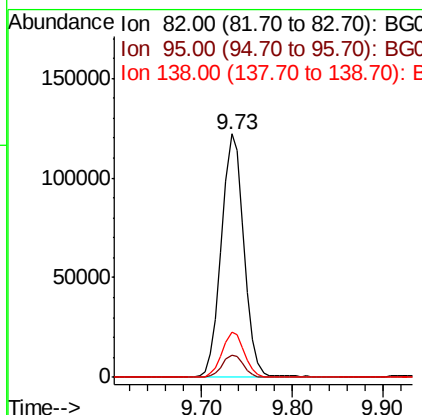
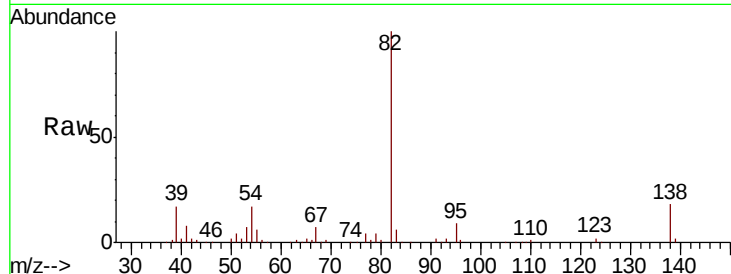




#25
Isophorone
Concen: 46.184 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

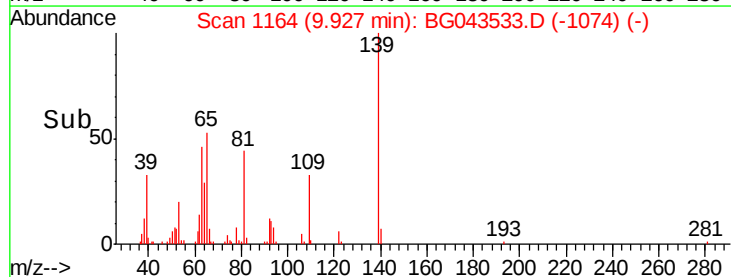
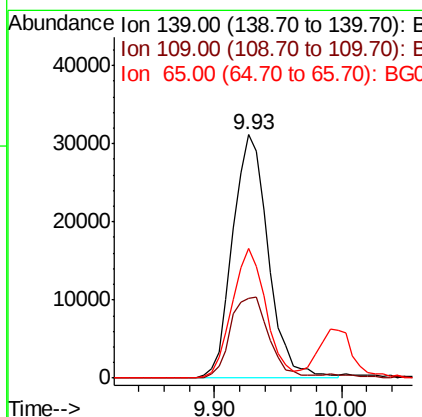
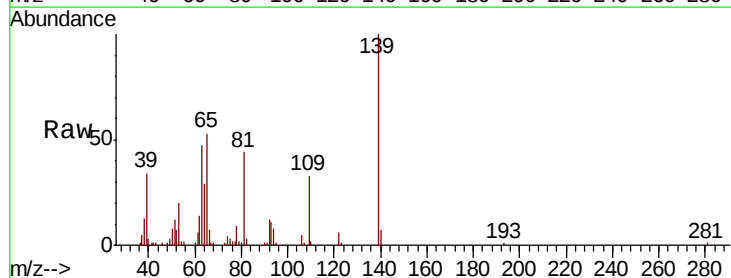
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 210930
Ion Ratio Lower Upper
82 100
95 9.1 6.6 9.8
138 18.5 15.2 22.8



#26
2-Nitrophenol
Concen: 52.692 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Tgt Ion: 139 Resp: 60537
Ion Ratio Lower Upper
139 100
109 32.6 26.5 39.7
65 53.3 43.8 65.8

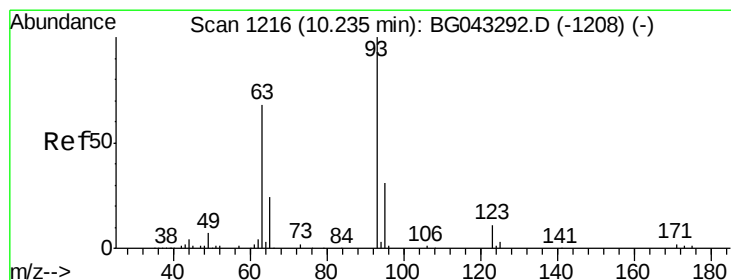
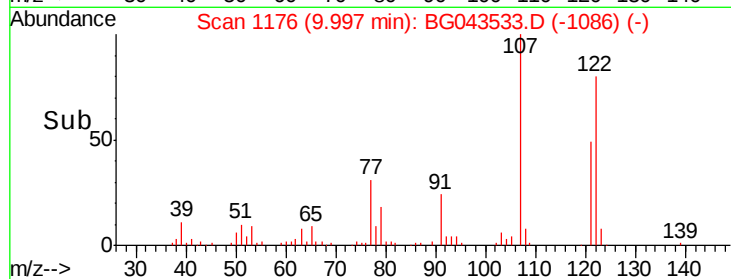
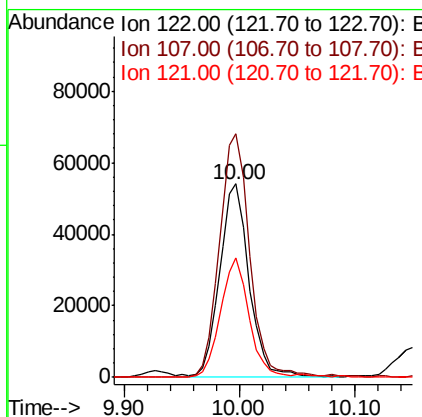
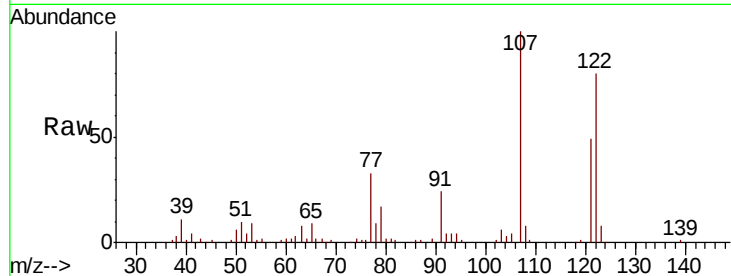




#27
2,4-Dimethylphenol
Concen: 57.358 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

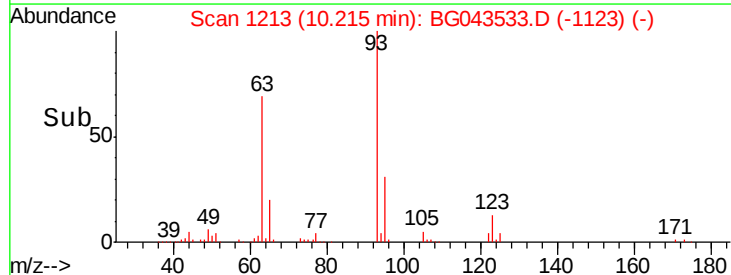
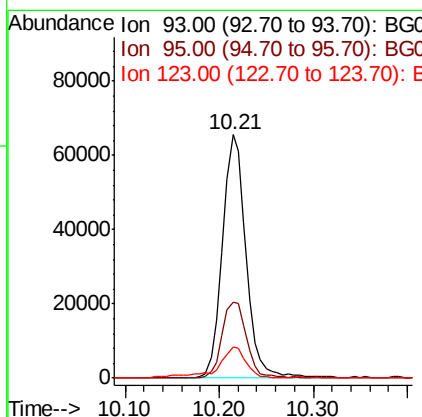
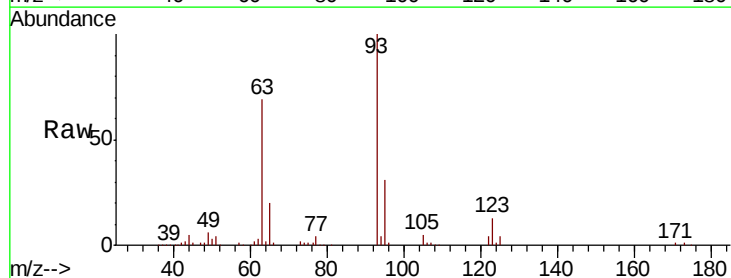
Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 94450
Ion Ratio Lower Upper
122 100
107 125.8 104.4 156.6
121 61.4 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 45.533 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Tgt Ion: 93 Resp: 114777
Ion Ratio Lower Upper
93 100
95 31.3 26.0 39.0
123 12.9 10.6 15.8

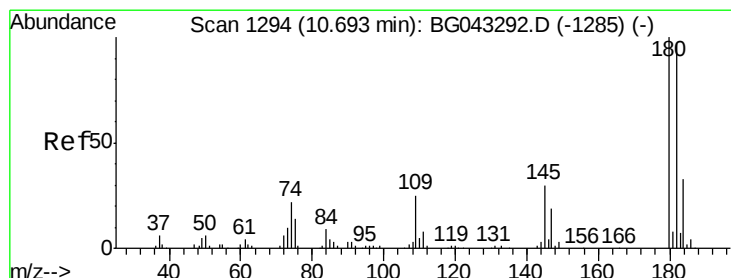
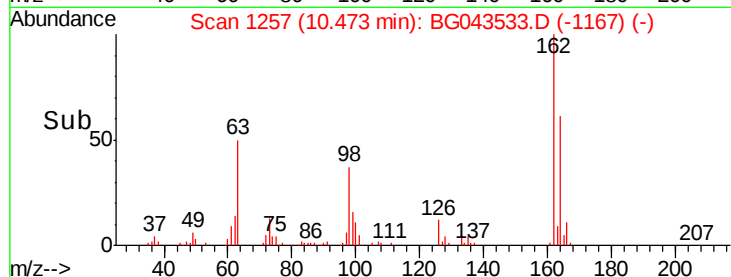
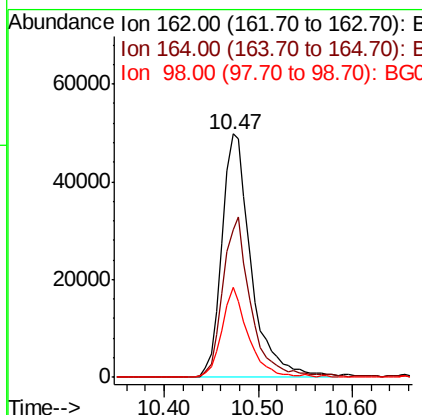
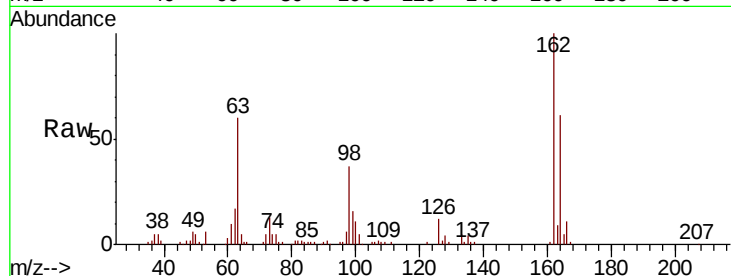




#29
2,4-Dichlorophenol
Concen: 51.249 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

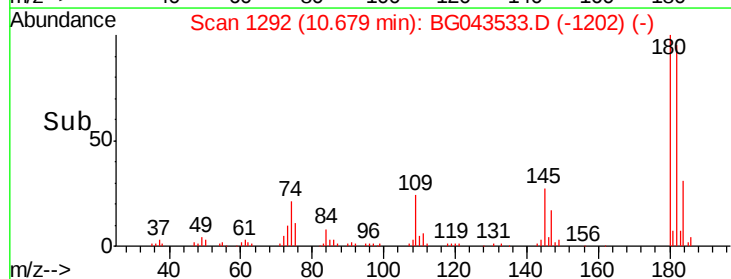
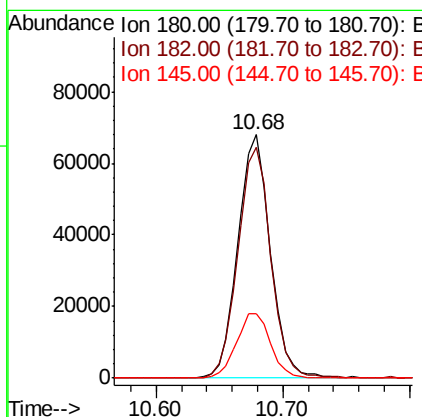
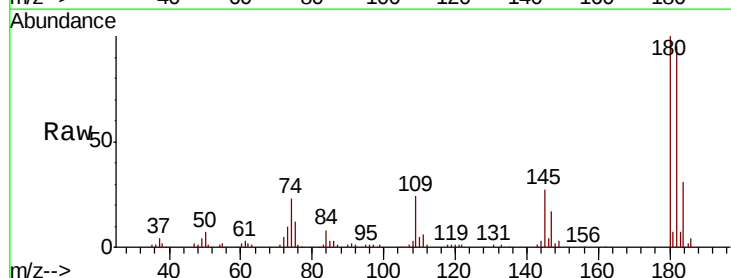
Instrument :
BNA_G
ClientSampleId :

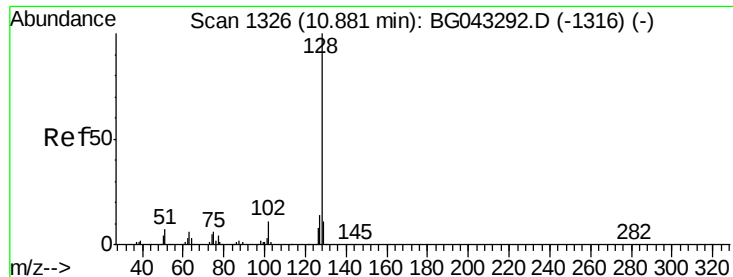
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.7	48.9	88.9
98	37.0	15.1	55.1



#30
1,2,4-Trichlorobenzene
Concen: 45.243 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.1	112.7
145	26.5	23.9	35.9

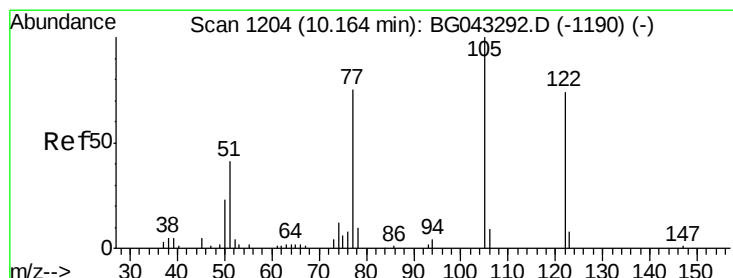
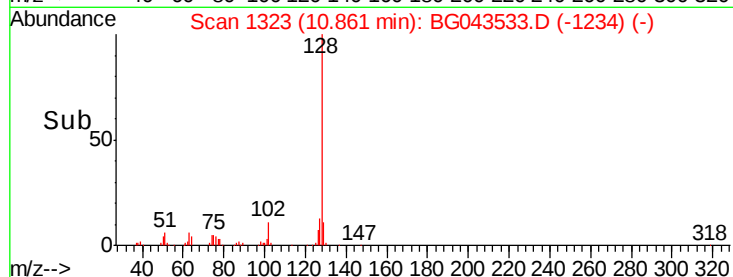
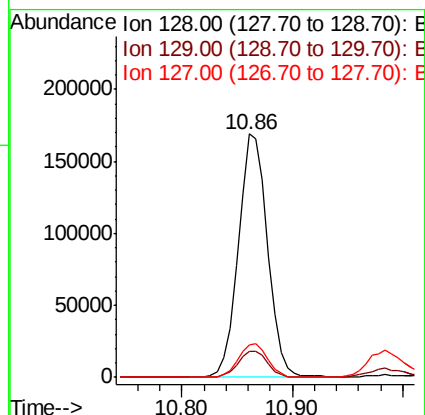
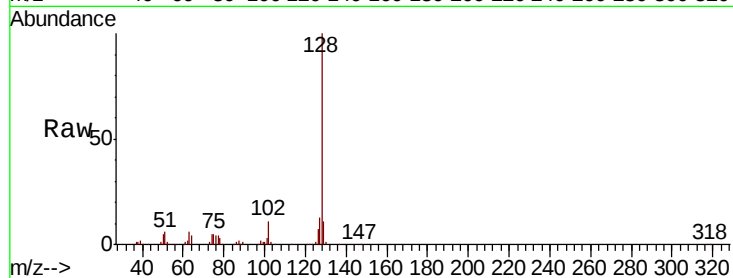




#31
Naphthalene
Concen: 47.967 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

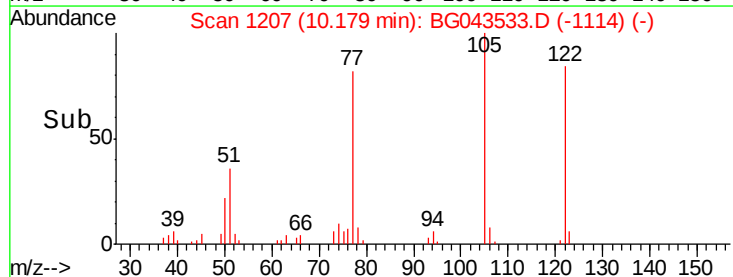
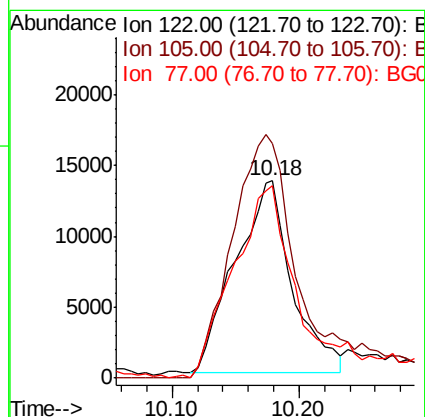
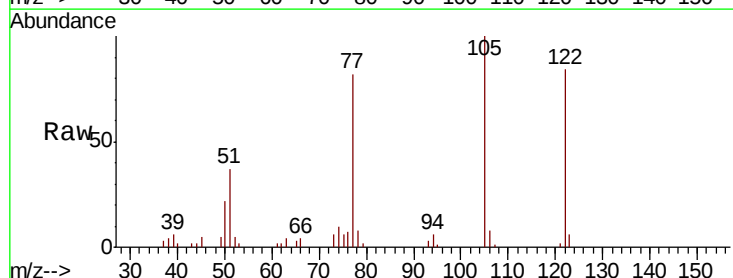
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 313568
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.0
127 13.3 11.1 16.7



#32
Benzoic acid
Concen: 36.372 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Tgt Ion:122 Resp: 42335
Ion Ratio Lower Upper
122 100
105 119.4 103.3 143.3
77 97.7 84.9 124.9

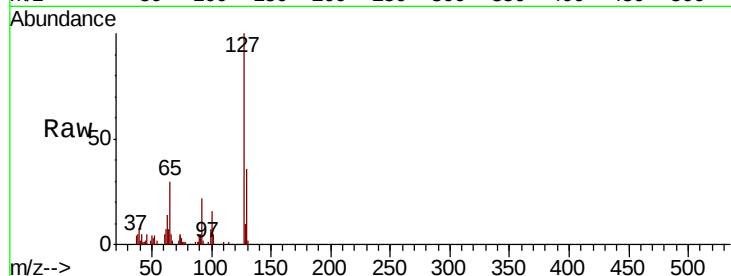




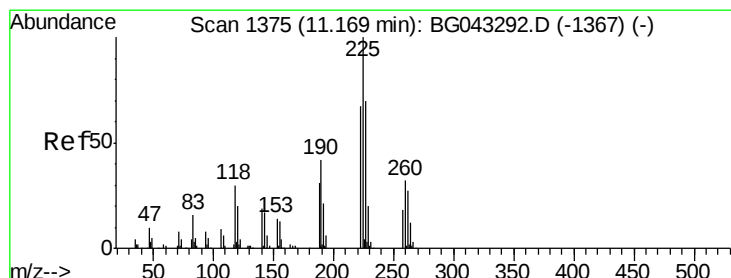
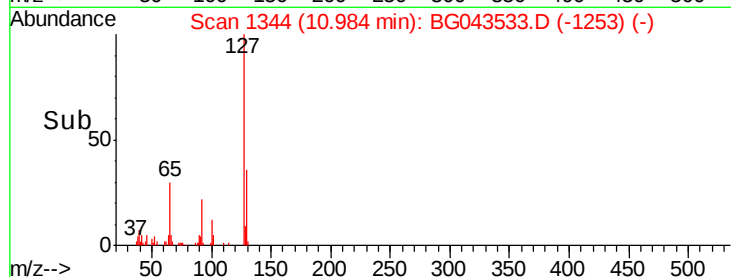
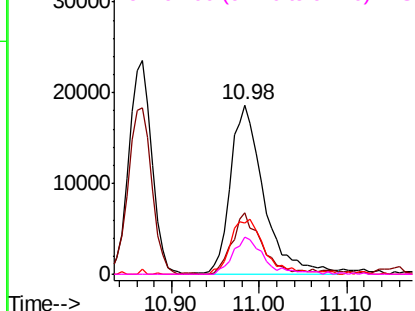
#33
4-Chloroaniline
Concen: 18.076 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	48437
Ion	Ratio	Lower	Upper
127	100		
129	36.2	26.5	39.7
65	30.2	26.4	39.6
92	21.8	16.2	24.2

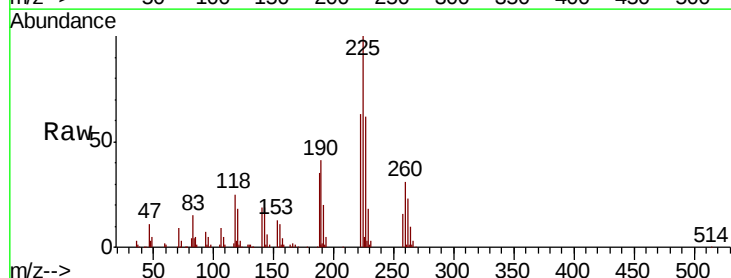


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

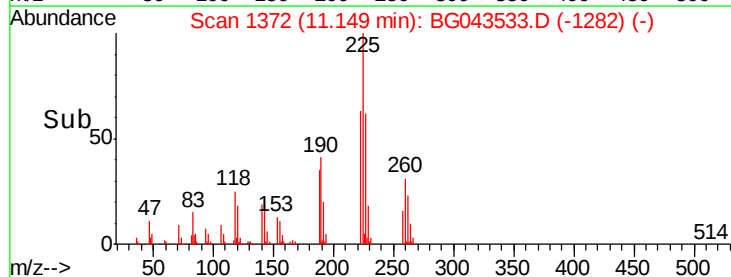
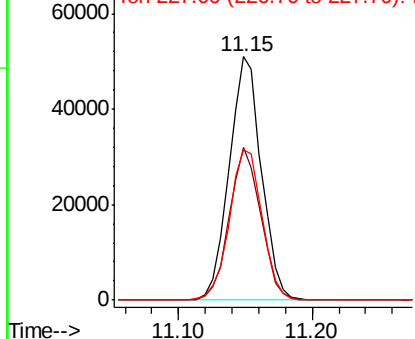


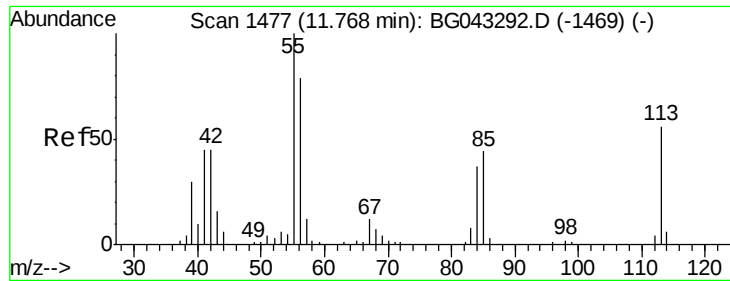
#34
Hexachlorobutadiene
Concen: 43.459 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Tgt Ion:	225	Resp:	85428
Ion	Ratio	Lower	Upper
225	100		
223	62.7	52.7	79.1
227	61.7	54.8	82.2



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

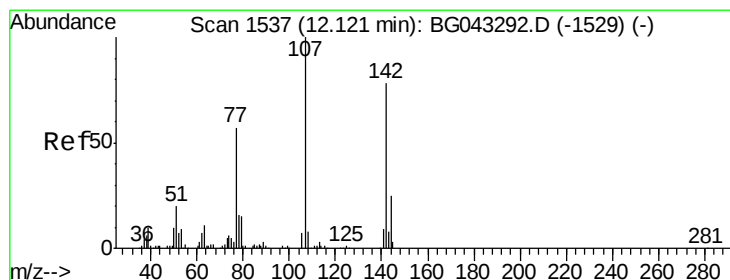
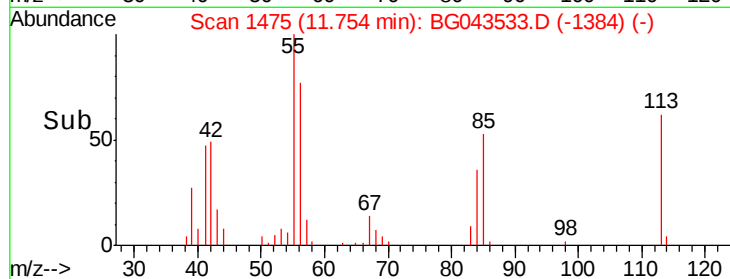
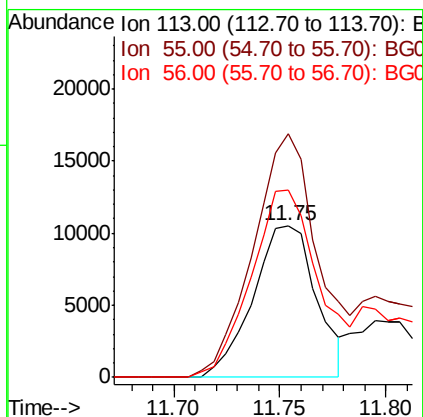
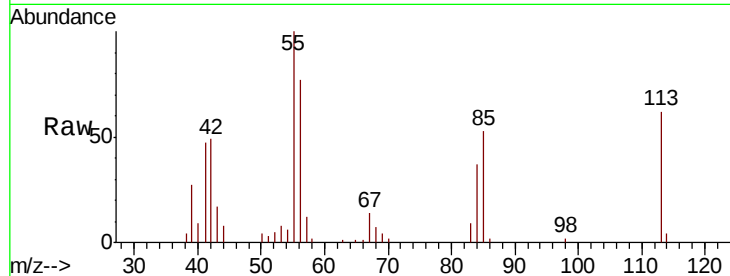




#35
 Caprolactam
 Concen: 30.160 ng
 RT: 11.75 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BG043533.D
 Acq: 6 Nov 2019 23:22

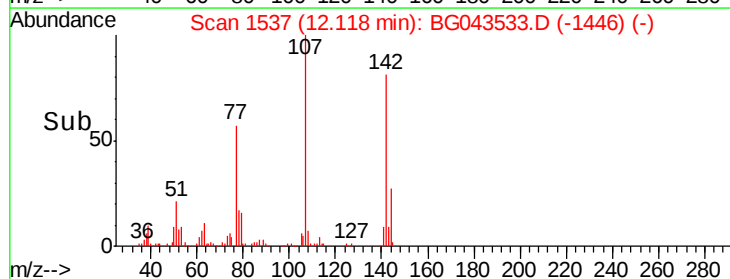
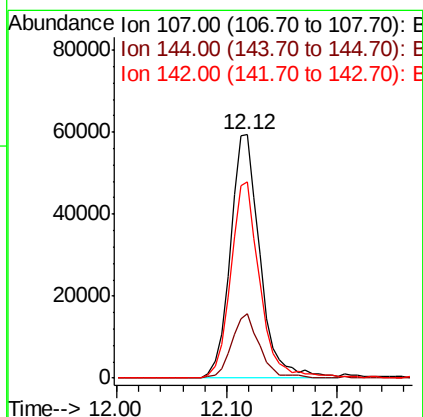
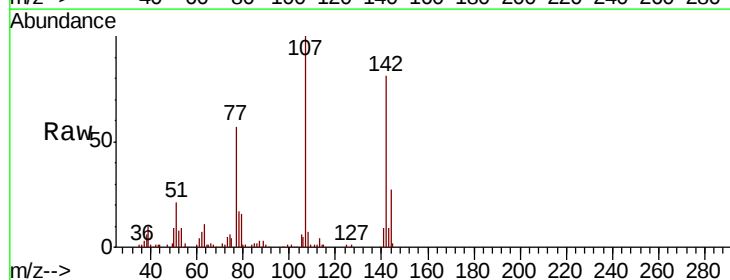
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 21915
 Ion Ratio Lower Upper
 113 100
 55 160.2 134.1 174.1
 56 123.0 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 48.653 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BG043533.D
 Acq: 6 Nov 2019 23:22

Tgt Ion:107 Resp: 111969
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.9 31.3
 142 80.6 59.6 89.4

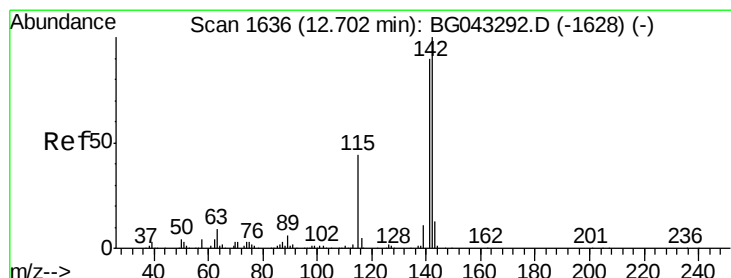
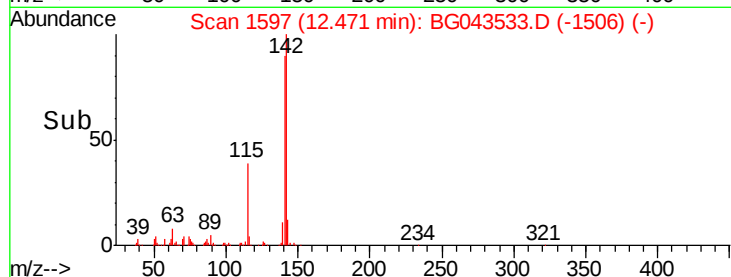
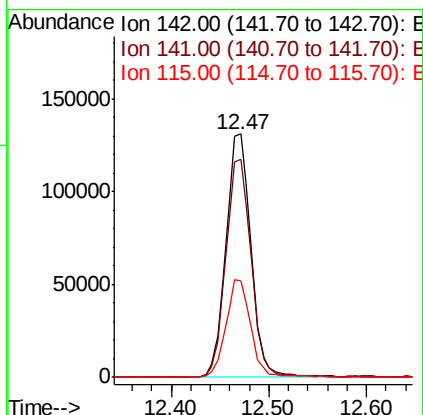
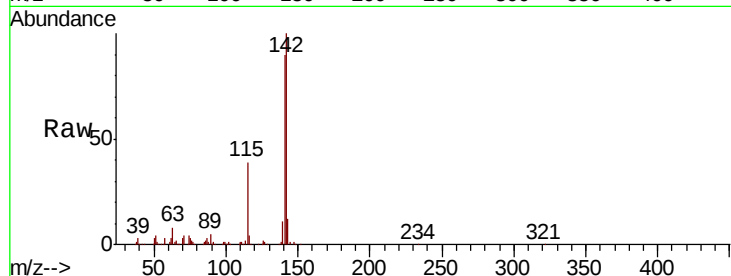




#37
2-Methylnaphthalene
Concen: 46.586 ng
RT: 12.47 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

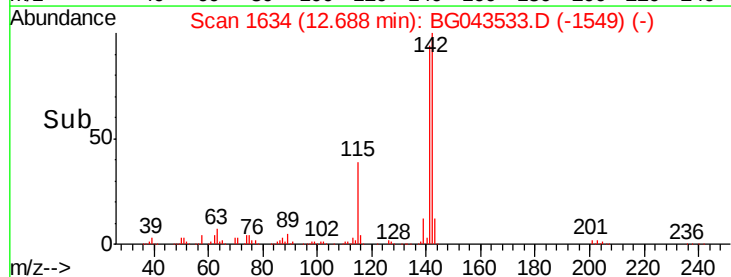
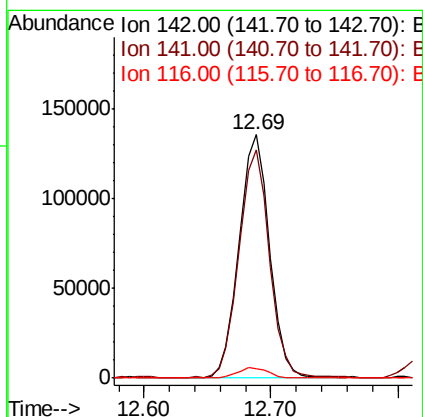
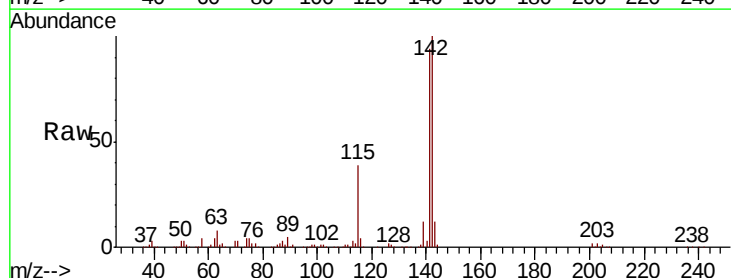
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.2	108.2
115	39.4	33.2	49.8



#38
1-Methylnaphthalene
Concen: 47.063 ng
RT: 12.69 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.2	109.8
116	4.1	3.6	5.4

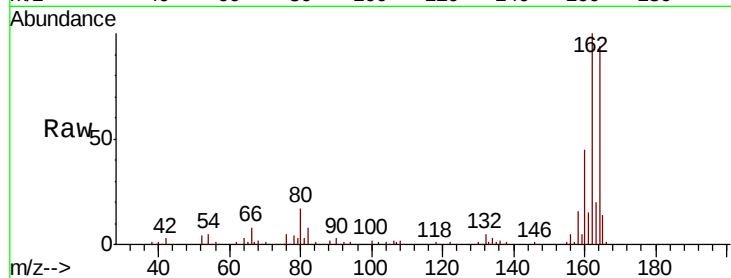




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

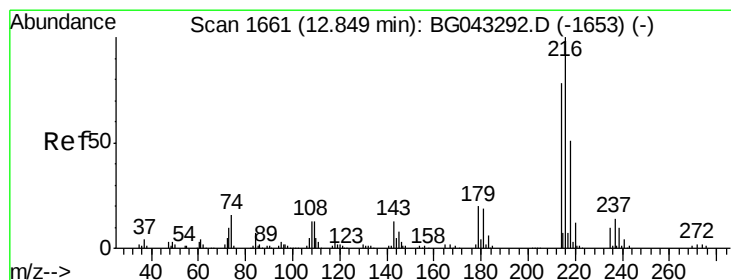
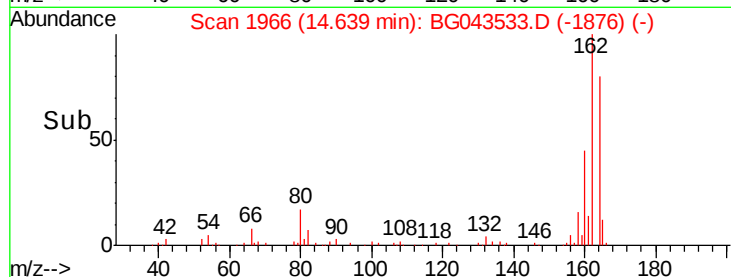
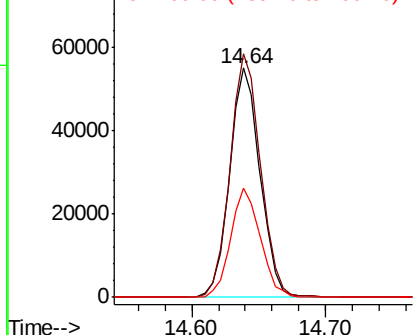
Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 87216
Ion Ratio Lower Upper
164 100
162 106.1 83.5 125.3
160 47.5 36.5 54.7



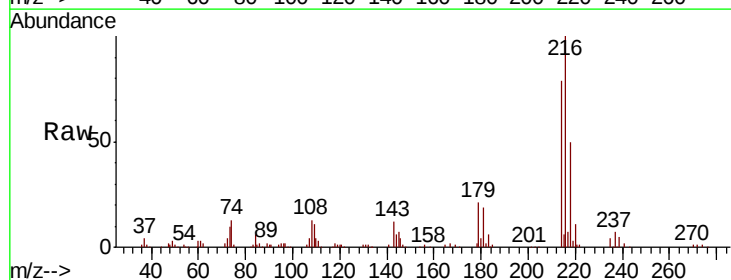
Abundance

Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



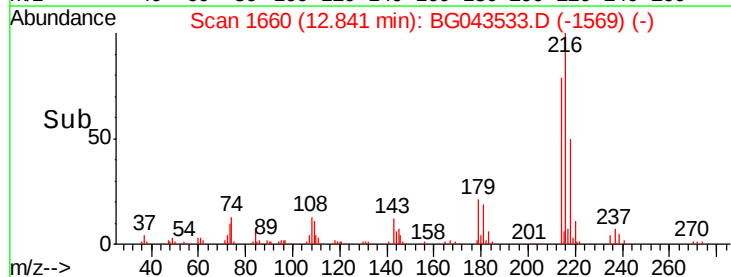
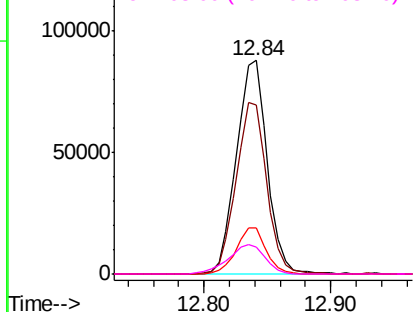
#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.646 ng
RT: 12.84 min Scan# 1660
Delta R.T. 0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

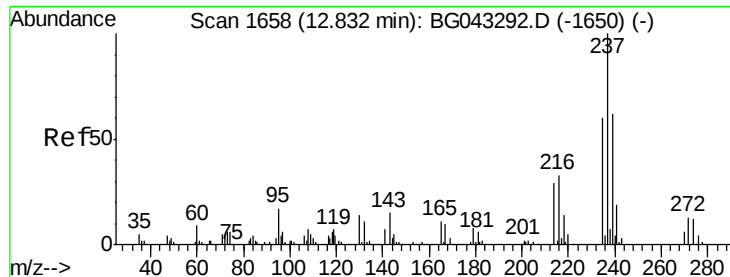
Tgt Ion:216 Resp: 147332
Ion Ratio Lower Upper
216 100
214 80.2 61.7 92.5
179 20.7 15.8 23.8
108 16.4 11.5 17.3



Abundance

Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.096 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

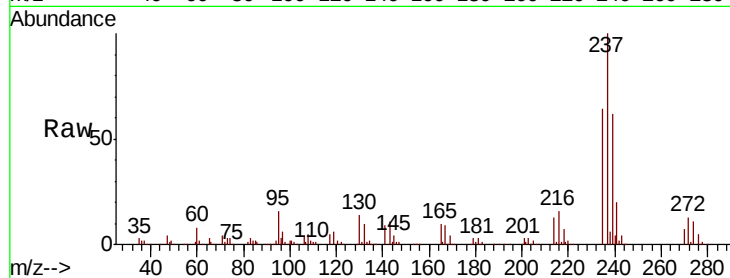
Tot Ion:237 Resp: 162936

Ion Ratio Lower Upper

237 100

235 63.8 41.6 81.6

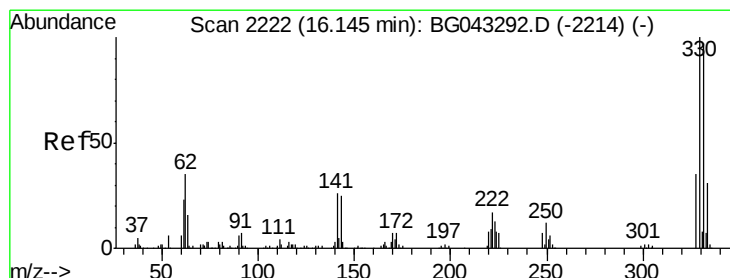
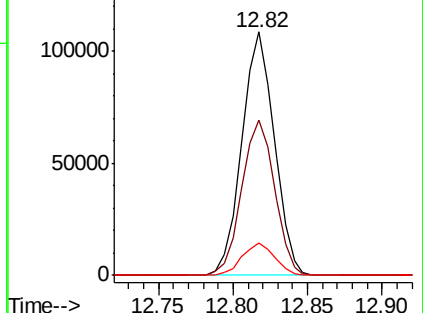
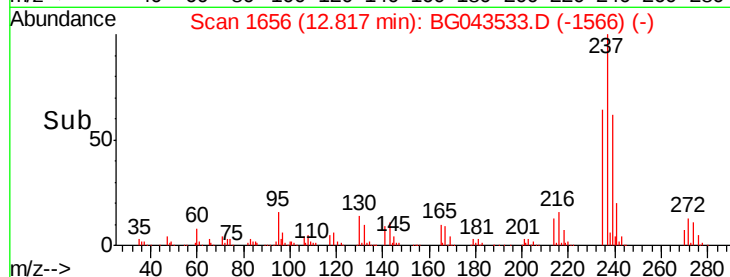
272 13.3 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 115.270 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

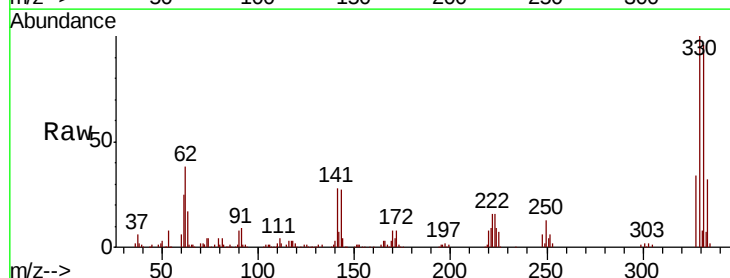
Tgt Ion:330 Resp: 191316

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

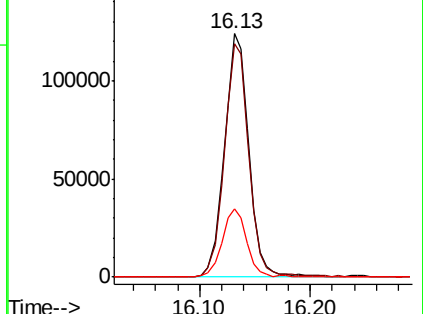
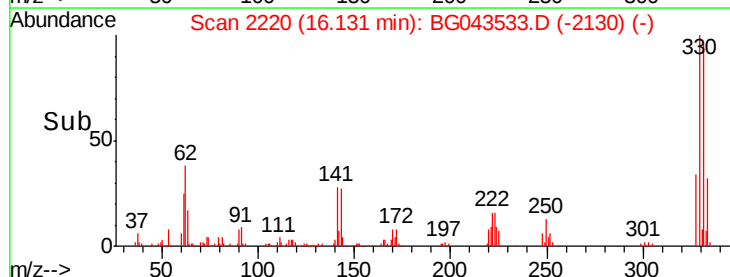
141 28.3 22.8 34.2

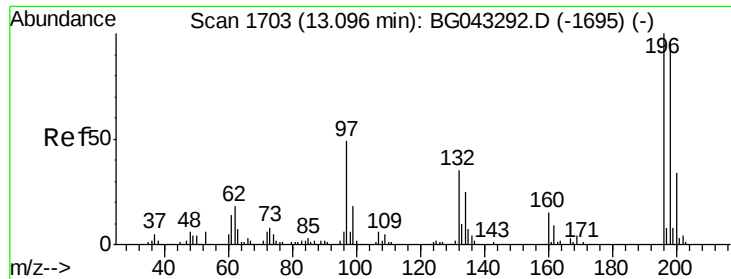


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

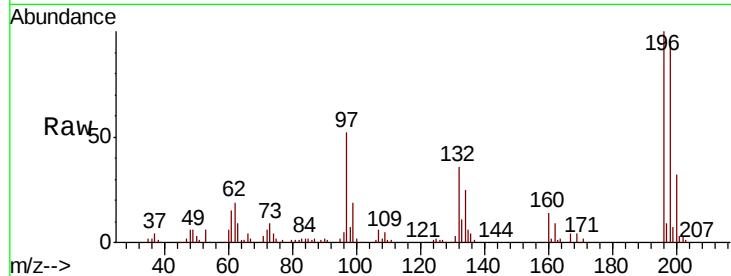




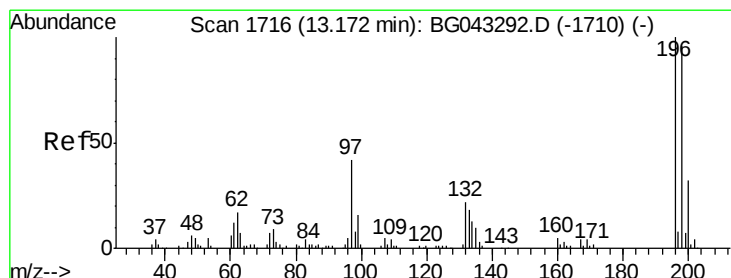
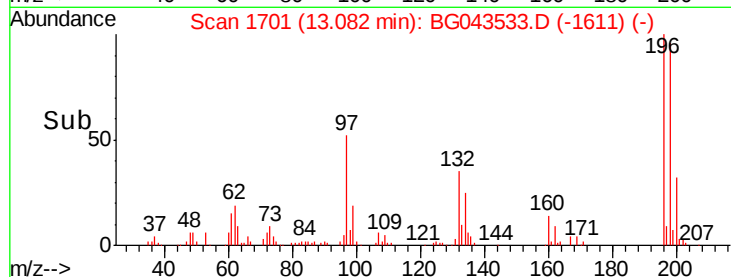
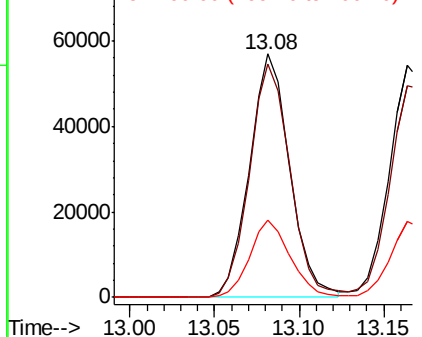
#43
 2,4,6-Trichlorophenol
 Concen: 49.374 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043533.D
 Acq: 6 Nov 2019 23:22

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 93852
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.8 113.6
 200 31.9 23.9 35.9

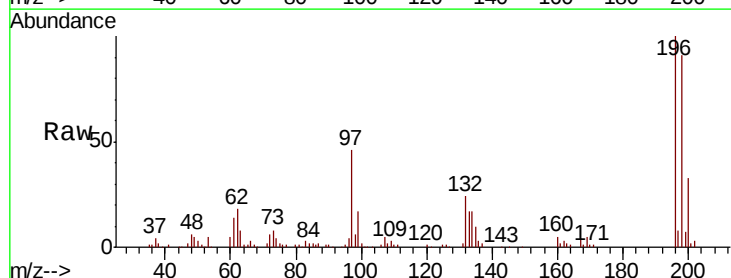


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

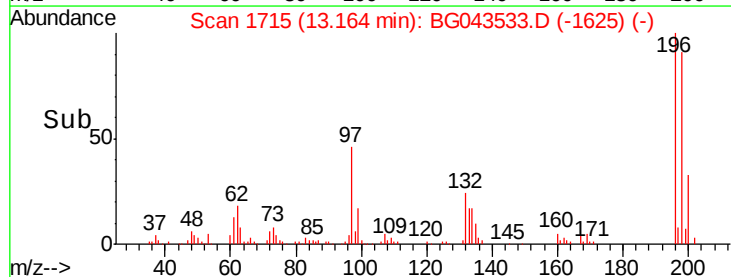
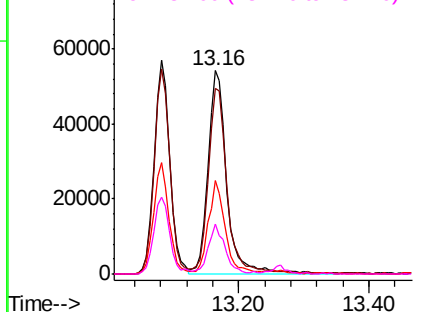


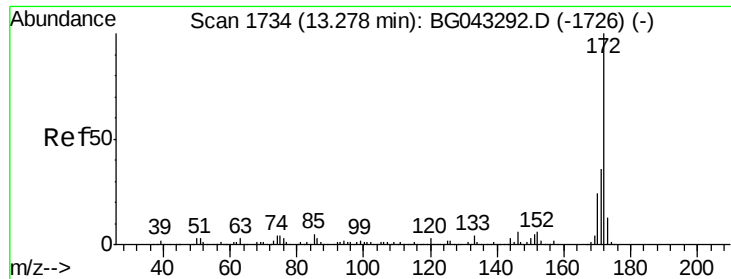
#44
 2,4,5-Trichlorophenol
 Concen: 56.334 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043533.D
 Acq: 6 Nov 2019 23:22

Tgt Ion:196 Resp: 108257
 Ion Ratio Lower Upper
 196 100
 198 91.3 74.5 111.7
 97 45.8 36.3 54.5
 132 24.4 17.4 26.2



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

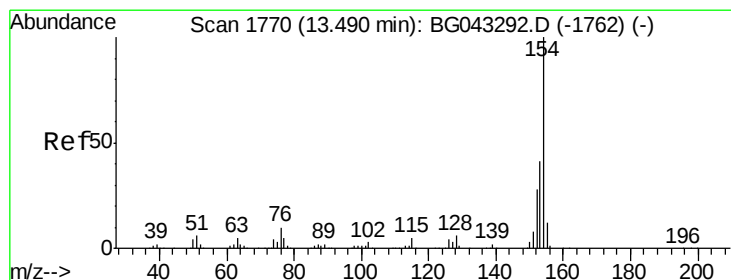
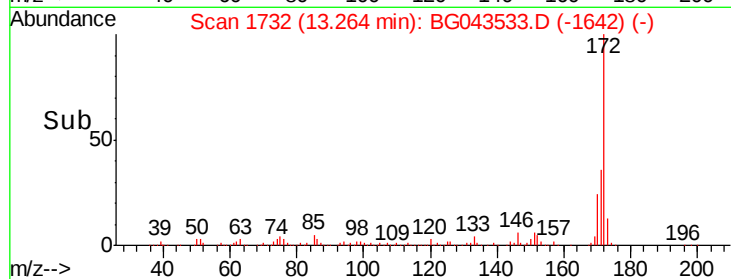
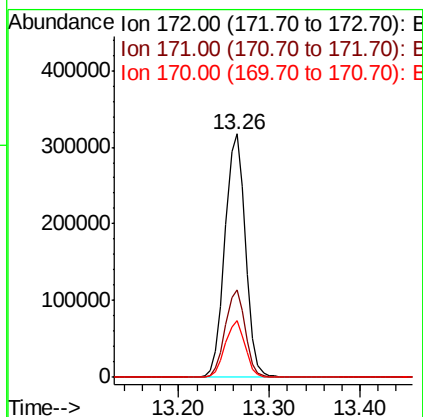
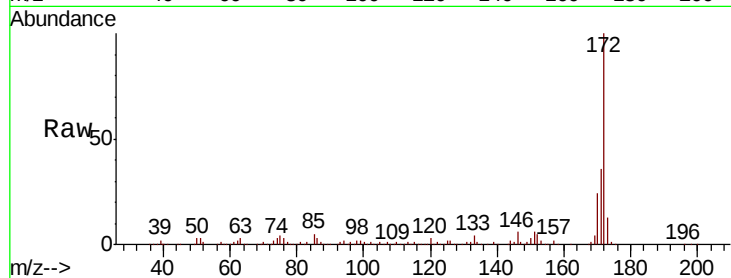




#45
 2-Fluorobiphenyl
 Concen: 79.002 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG043533.D
 Acq: 6 Nov 2019 23:22

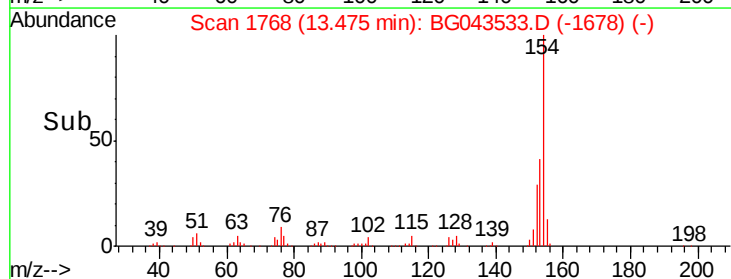
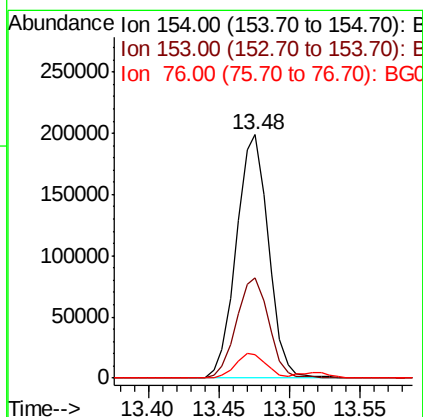
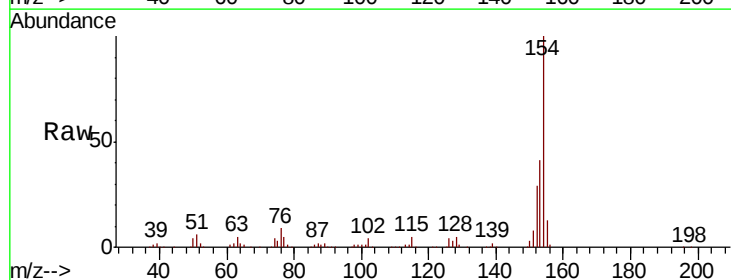
Instrument :
 BNA_G
 ClientSampleId :

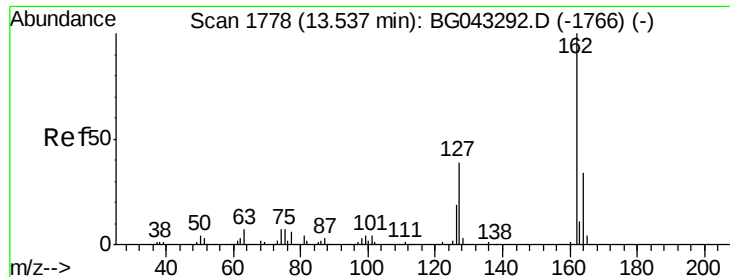
Tot Ion:172 Resp: 498642
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 23.5 18.5 27.7



#46
 1,1'-Biphenyl
 Concen: 47.721 ng
 RT: 13.48 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BG043533.D
 Acq: 6 Nov 2019 23:22

Tgt Ion:154 Resp: 316626
 Ion Ratio Lower Upper
 154 100
 153 41.3 19.9 59.9
 76 9.4 0.0 29.4

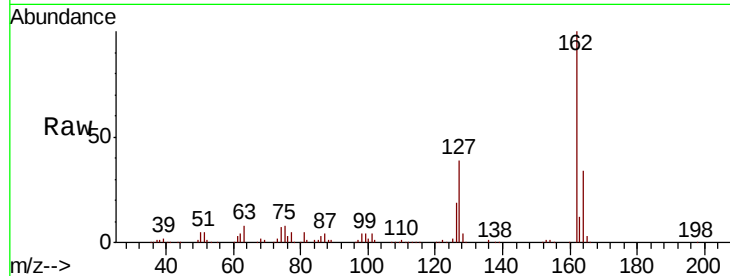




#47
2-Chloronaphthalene
Concen: 48.091 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.2	46.8
164	33.9	25.8	38.8

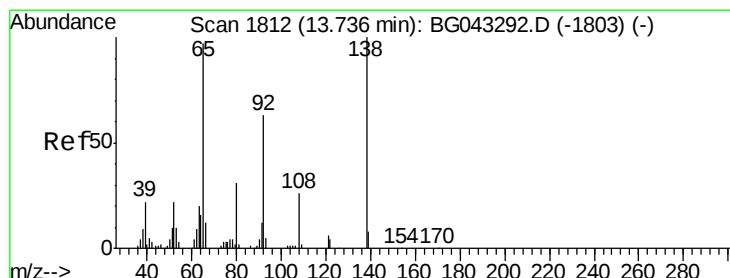
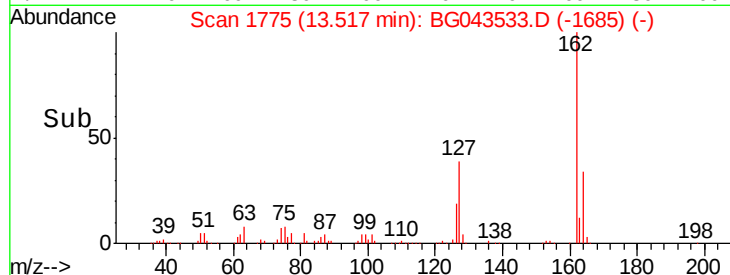
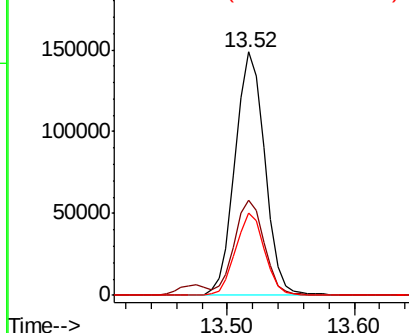


Abundance

Ion 162.00 (161.70 to 162.70): E

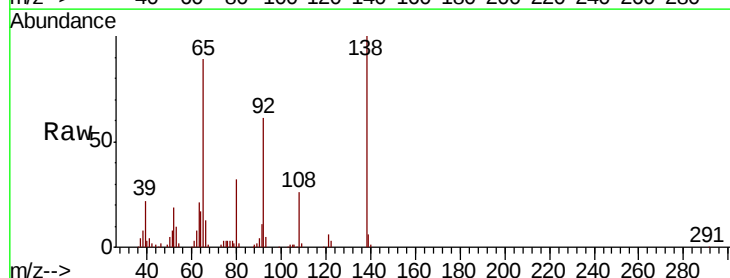
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 47.887 ng
RT: 13.72 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	56.2	84.2
138	112.3	82.6	123.8

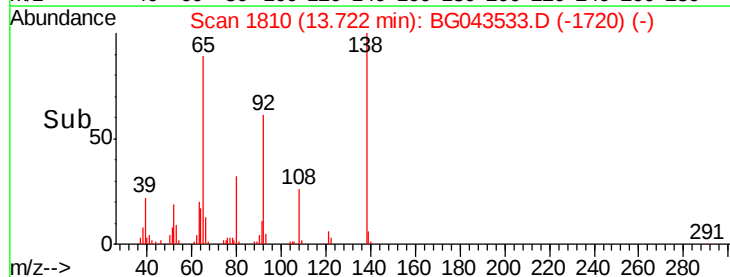
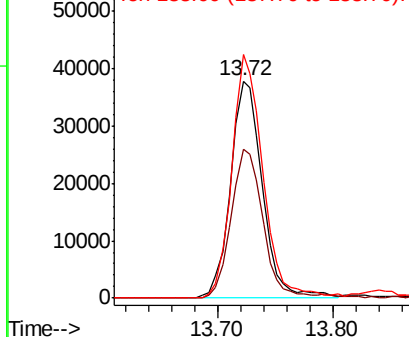


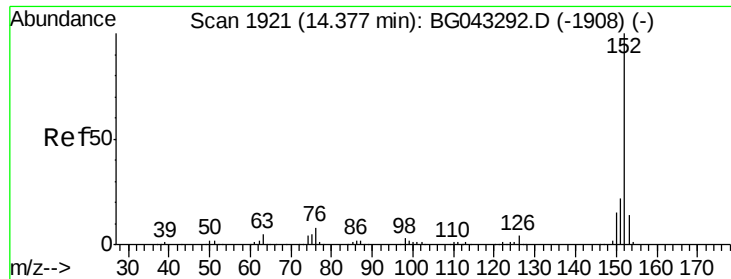
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.456 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

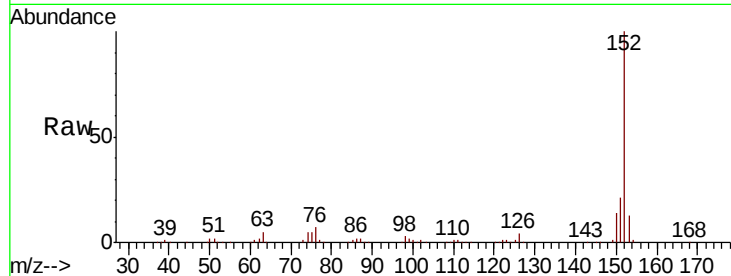
Tot Ion:152 Resp: 396429

Ion Ratio Lower Upper

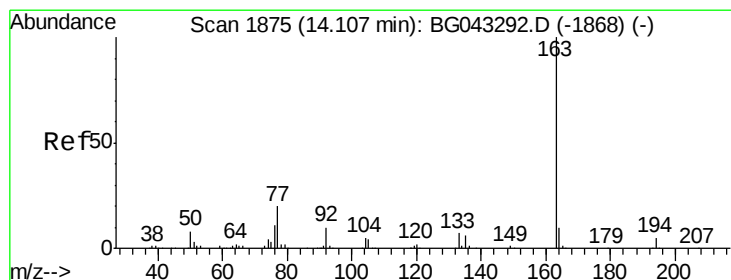
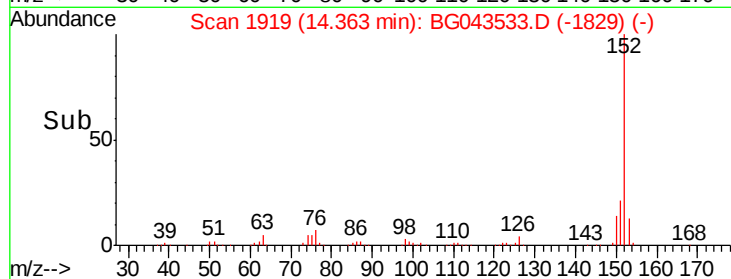
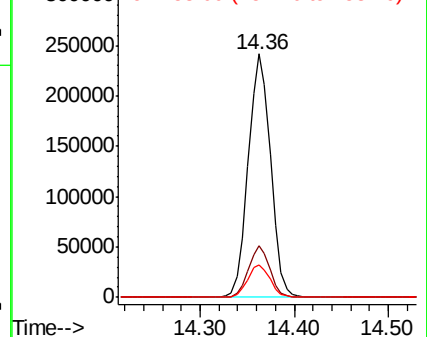
152 100

151 21.0 16.2 24.4

153 13.3 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 58.088 ng

RT: 14.10 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

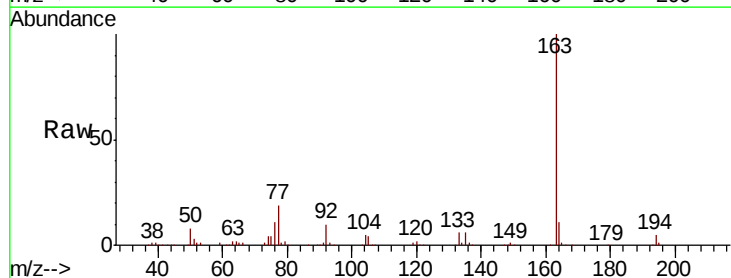
Tgt Ion:163 Resp: 392411

Ion Ratio Lower Upper

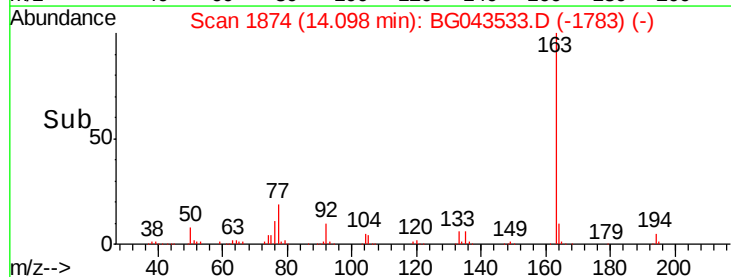
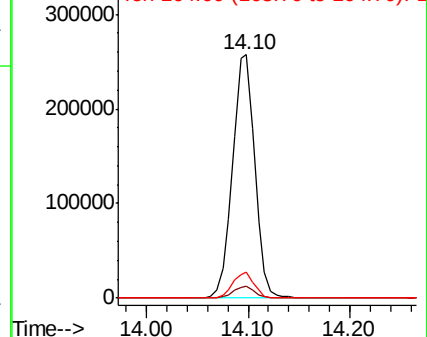
163 100

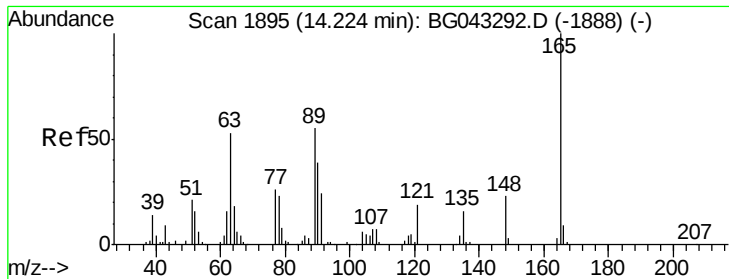
194 5.0 3.8 5.6

164 10.5 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

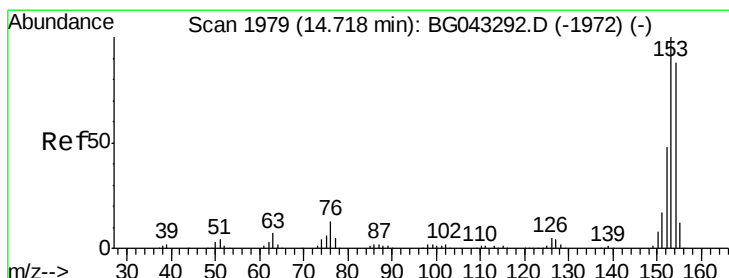
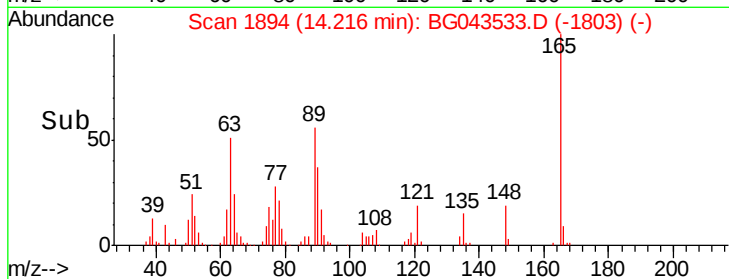
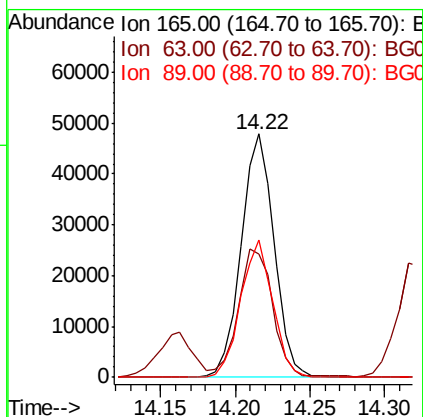
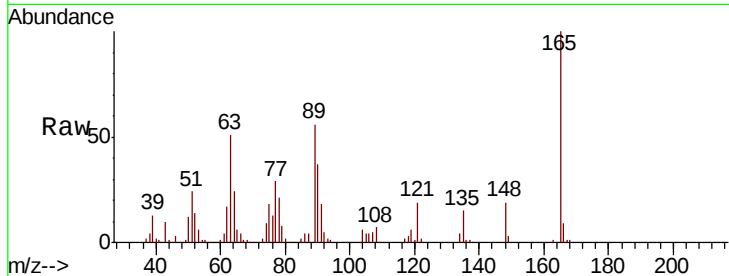




#51
 2,6-Dinitrotoluene
 Concen: 49.679 ng
 RT: 14.22 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: BG043533.D
 Acq: 6 Nov 2019 23:22

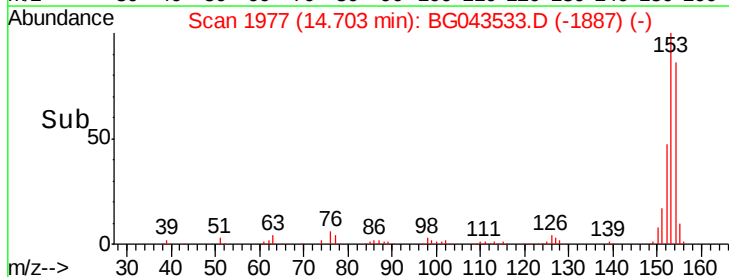
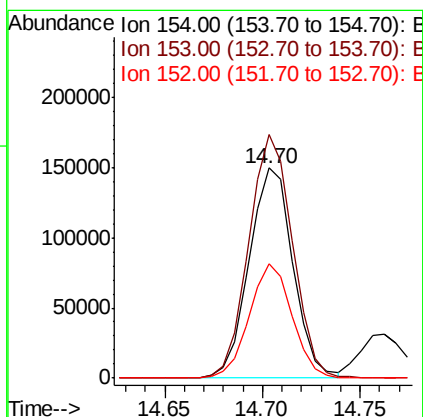
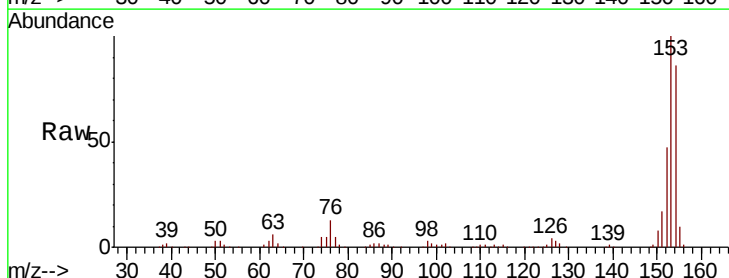
Instrument :
 BNA_G
 ClientSampleId :

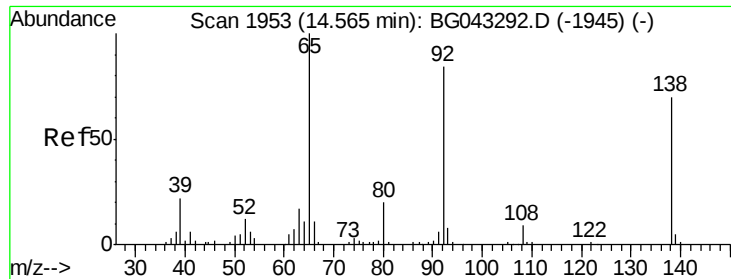
Tot Ion:165 Resp: 72909
 Ion Ratio Lower Upper
 165 100
 63 50.8 46.6 69.8
 89 56.3 45.1 67.7



#52
 Acenaphthene
 Concen: 48.841 ng
 RT: 14.70 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BG043533.D
 Acq: 6 Nov 2019 23:22

Tgt Ion:154 Resp: 234018
 Ion Ratio Lower Upper
 154 100
 153 115.8 88.2 132.2
 152 54.5 40.0 60.0





#53

3-Nitroaniline

Concen: 23.385 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

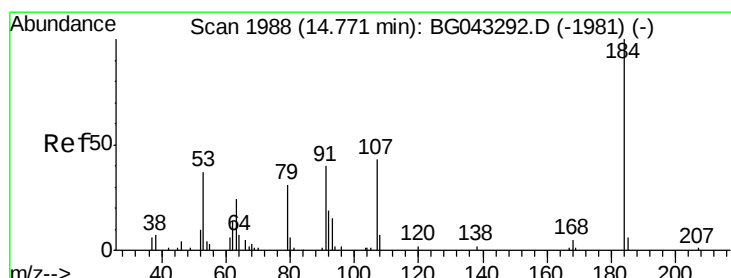
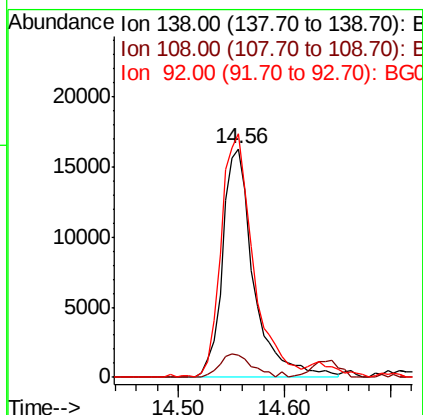
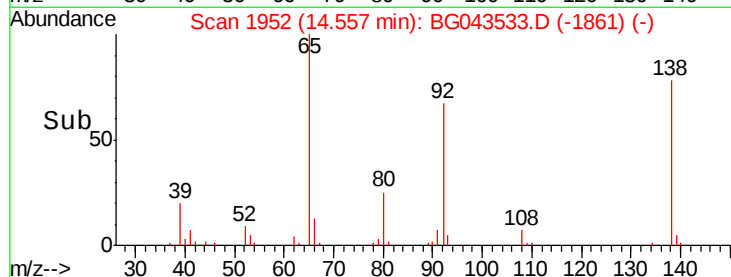
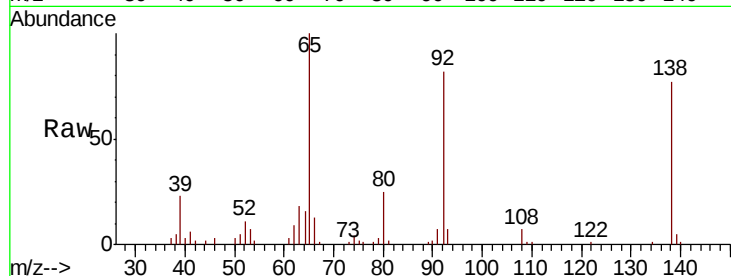
Tot Ion:138 Resp: 33136

Ion Ratio Lower Upper

138 100

108 9.7 8.0 12.0

92 106.6 90.9 136.3



#54

2,4-Dinitrophenol

Concen: 92.155 ng

RT: 14.76 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

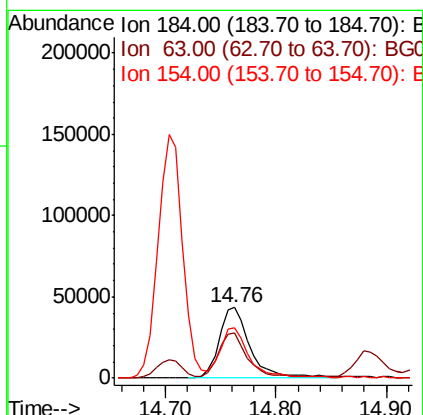
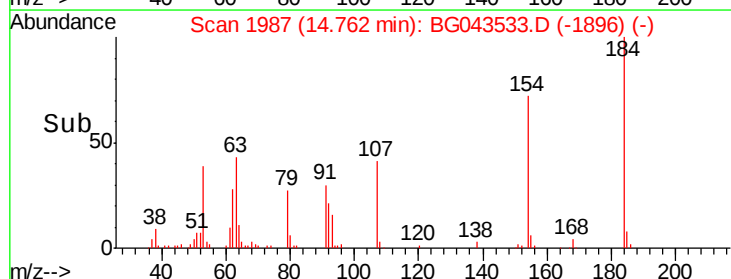
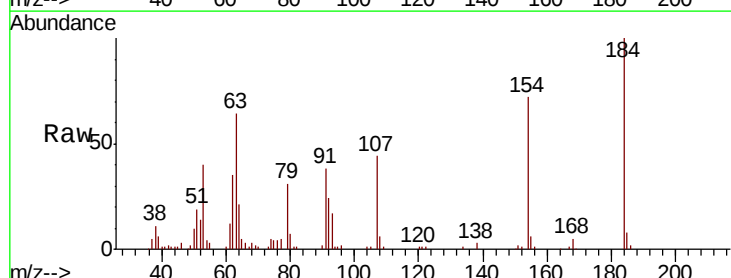
Tgt Ion:184 Resp: 85571

Ion Ratio Lower Upper

184 100

63 63.8 51.3 76.9

154 72.0 55.4 83.0





#55

Dibenzofuran

Concen: 49.507 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

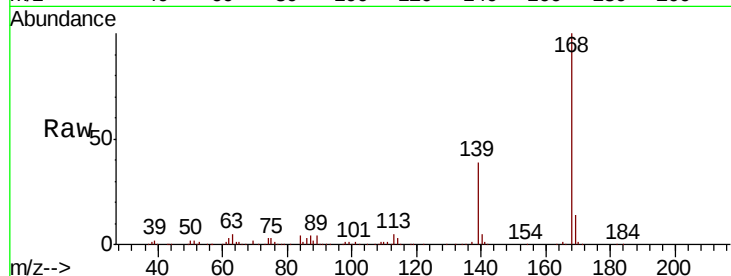
Tot Ion:168 Resp: 384674

Ion Ratio Lower Upper

168 100

139 38.7 31.0 46.6

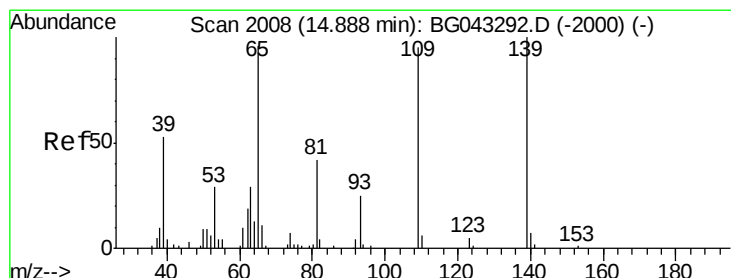
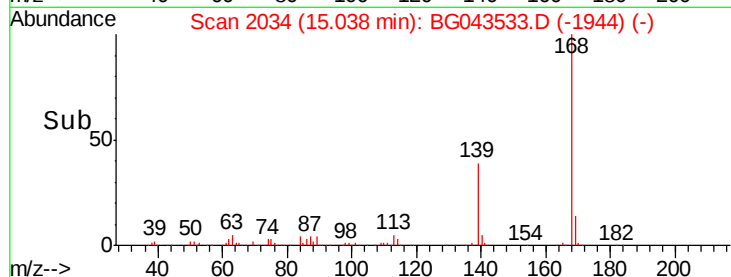
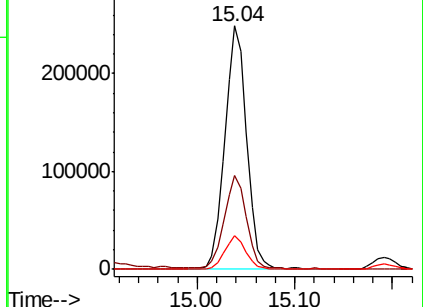
169 13.6 11.7 17.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 110.199 ng

RT: 14.89 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

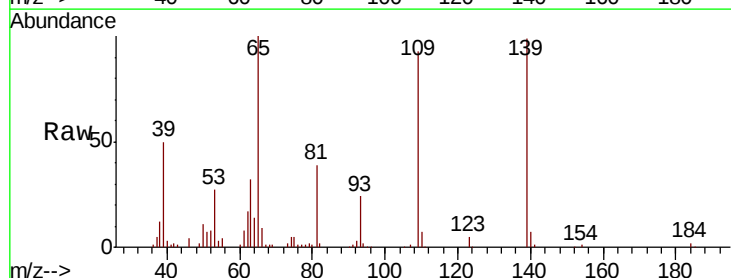
Tgt Ion:139 Resp: 104639

Ion Ratio Lower Upper

139 100

109 93.9 87.2 127.2

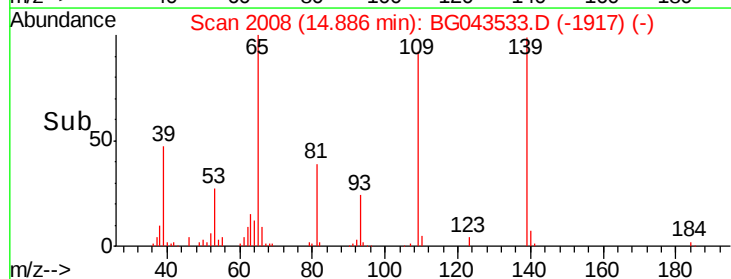
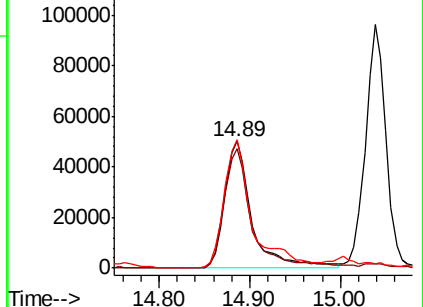
65 101.3 83.8 123.8

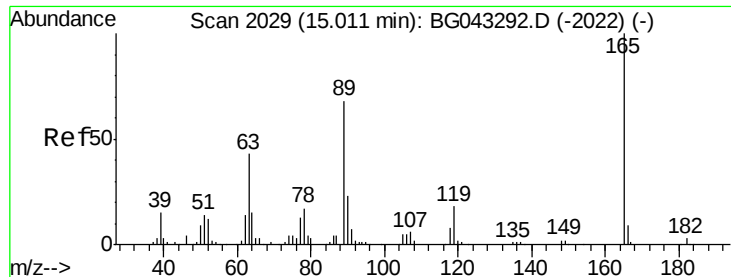


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

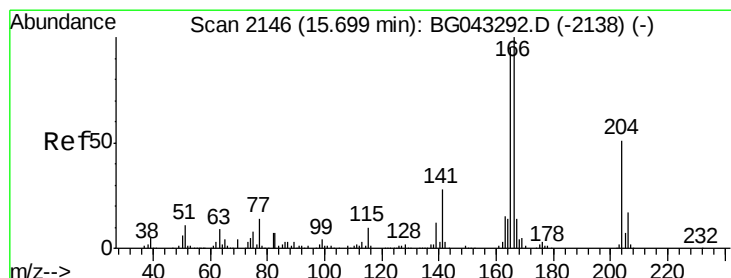
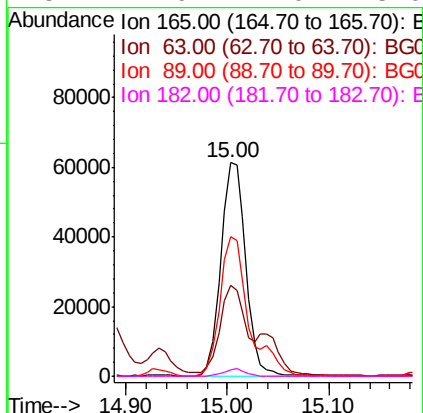
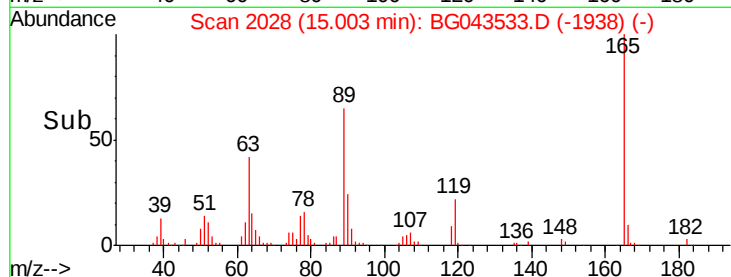
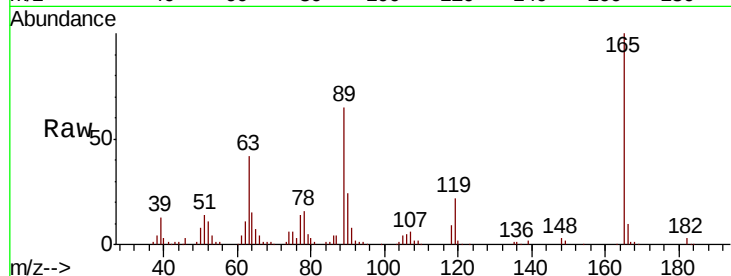




#57
2,4-Dinitrotoluene
Concen: 49.657 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

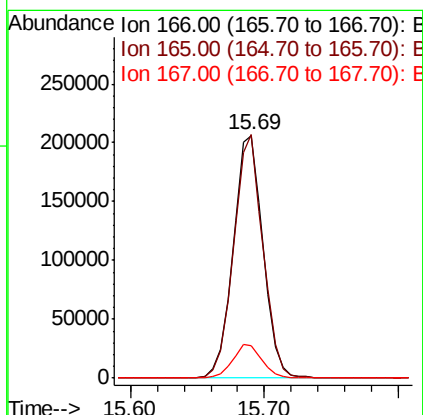
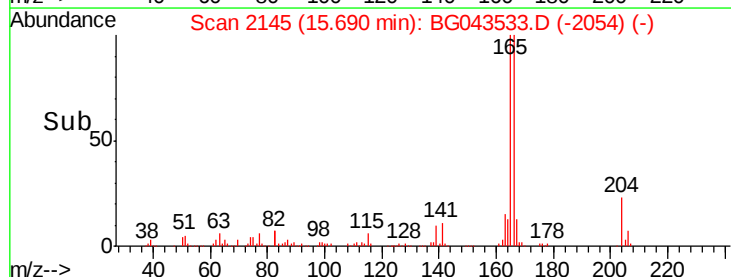
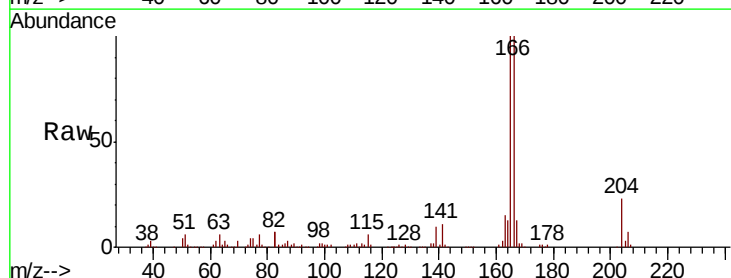
Instrument :
BNA_G
ClientSampleId :

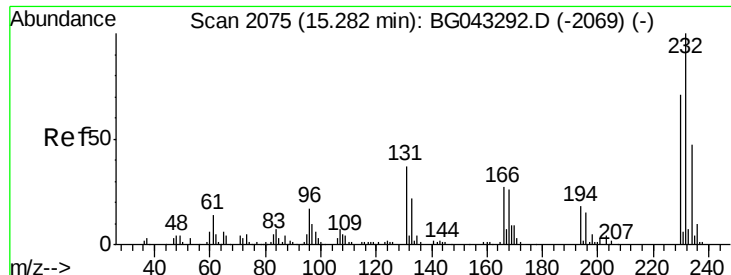
Tot Ion:165	Resp:	104151
Ion	Ratio	Lower Upper
165	100	
63	42.3	33.2 49.8
89	65.4	52.2 78.4
182	2.9	2.0 3.0



#58
Fluorene
Concen: 48.868 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Tgt Ion:166	Resp:	318466
Ion	Ratio	Lower Upper
166	100	
165	100.2	79.0 118.6
167	13.3	10.5 15.7

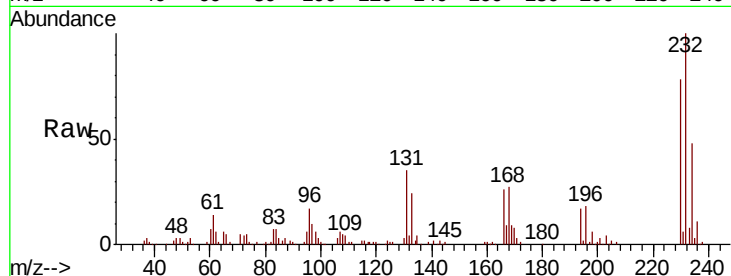




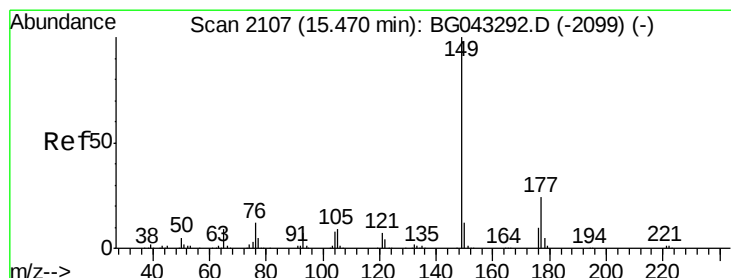
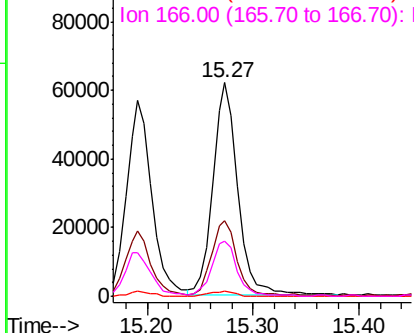
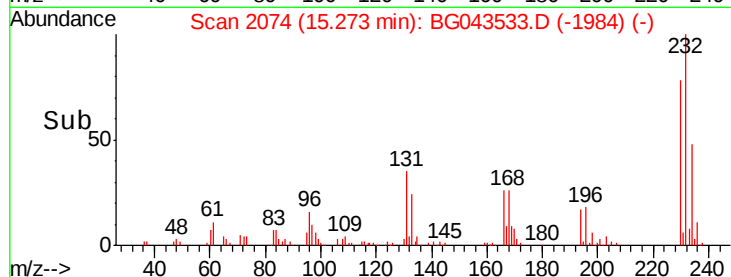
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.006 ng
RT: 15.27 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:232	Resp:	102100
Ion Ratio	Lower	Upper
232	100	
131	36.1	26.9 40.3
130	2.4	1.8 2.6
166	25.3	20.9 31.3

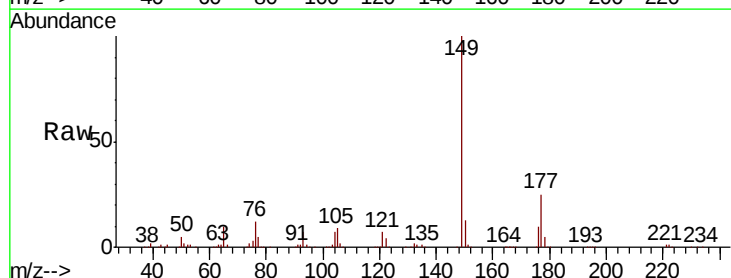


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

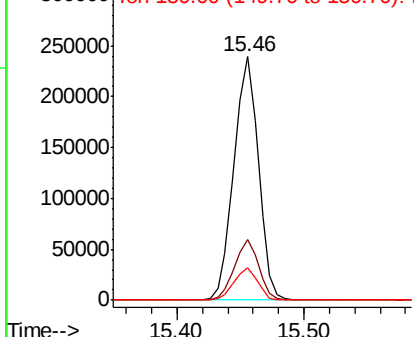
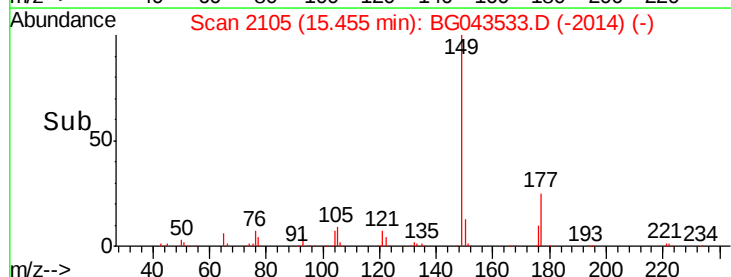


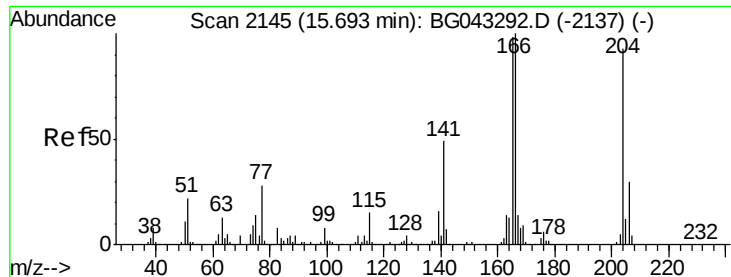
#60
Diethylphthalate
Concen: 47.123 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Tgt Ion:149	Resp:	319863
Ion Ratio	Lower	Upper
149	100	
177	24.7	19.6 29.4
150	13.2	10.8 16.2



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

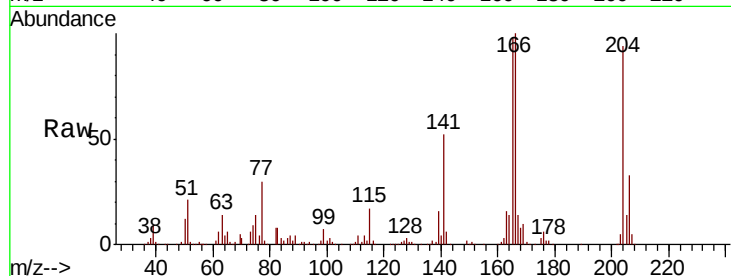




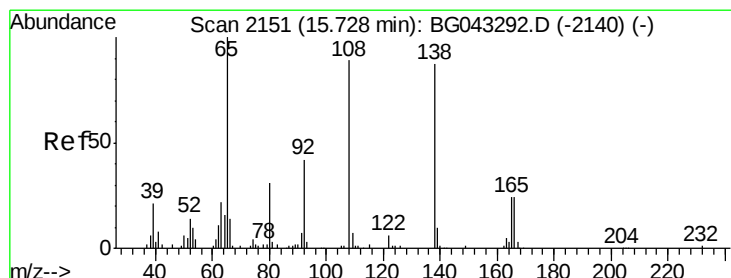
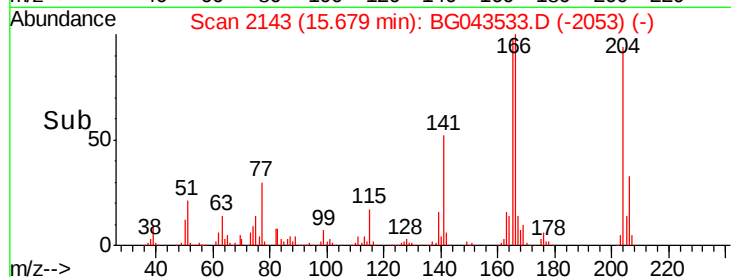
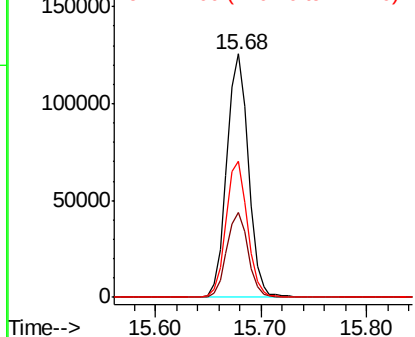
#61
4-Chlorophenyl-phenylether
Concen: 46.870 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 178191
Ion Ratio Lower Upper
204 100
206 35.1 28.4 42.6
141 56.0 43.0 64.6

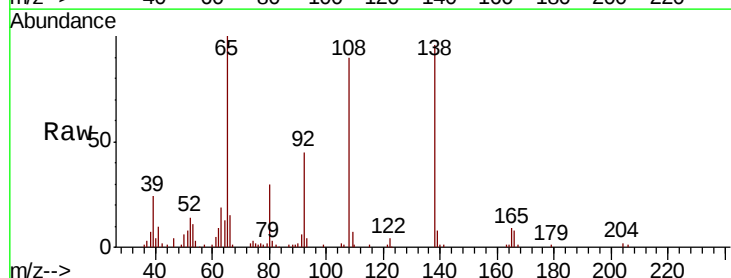


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

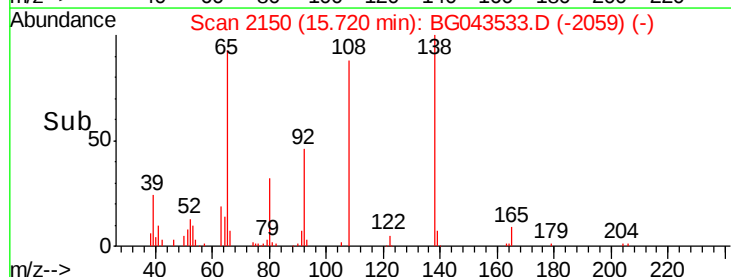
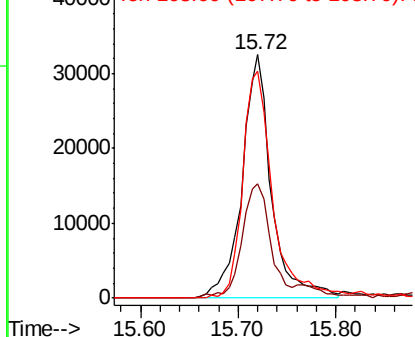


#62
4-Nitroaniline
Concen: 46.836 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Tgt Ion:138 Resp: 68538
Ion Ratio Lower Upper
138 100
92 46.8 33.4 73.4
108 93.5 78.0 118.0



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

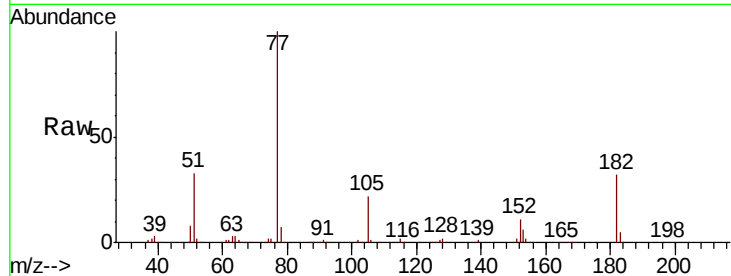




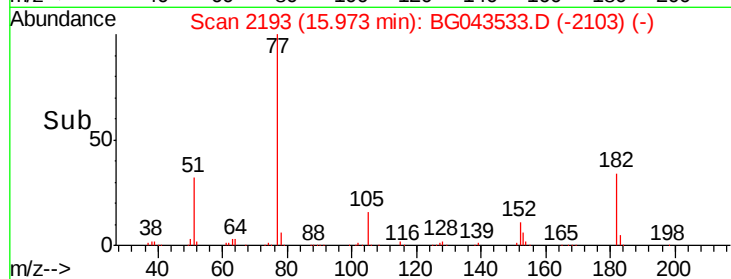
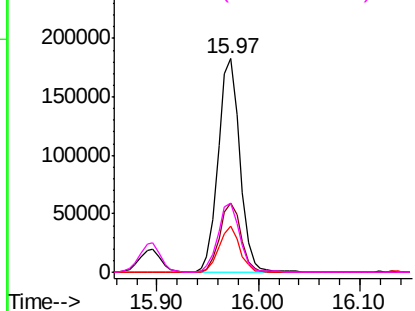
#63
Azobenzene
Concen: 49.204 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.4	13.7	53.7
105	21.7	0.4	40.4
51	32.7	11.0	51.0



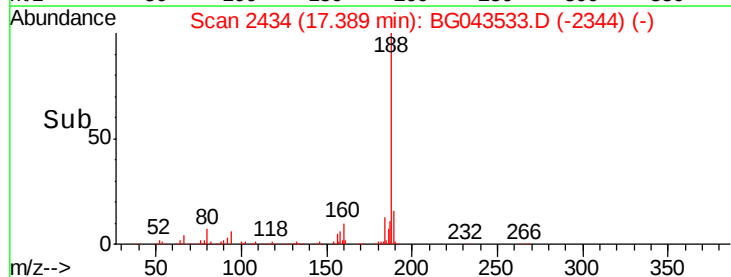
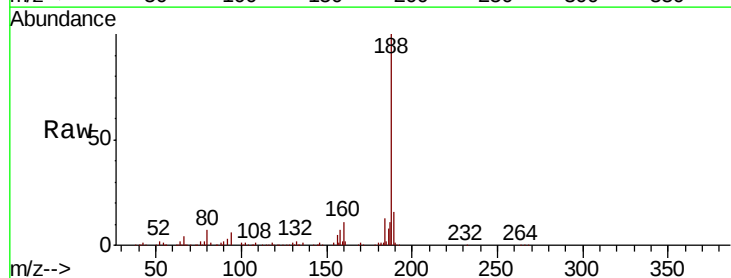
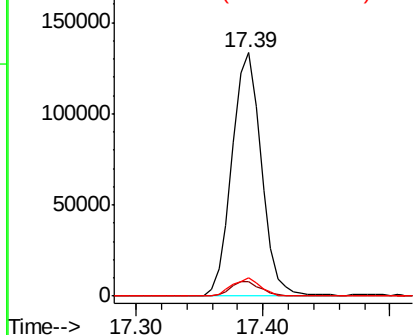
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

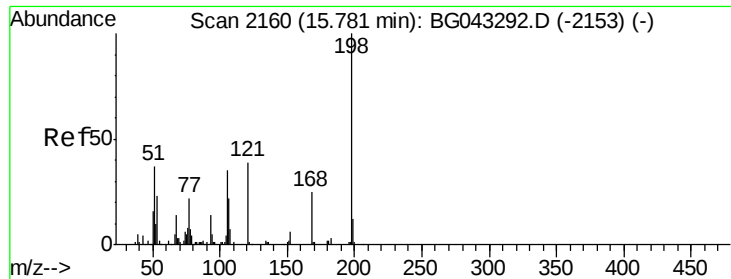


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	4.2	6.4
80	7.4	4.5	6.7#

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: 52.252 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

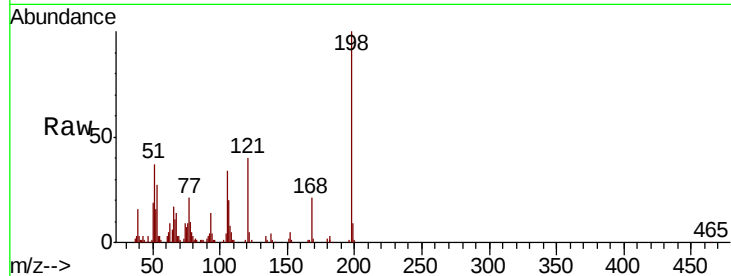
Tot Ion:198 Resp: 65974

Ion Ratio Lower Upper

198 100

51 37.2 13.2 53.2

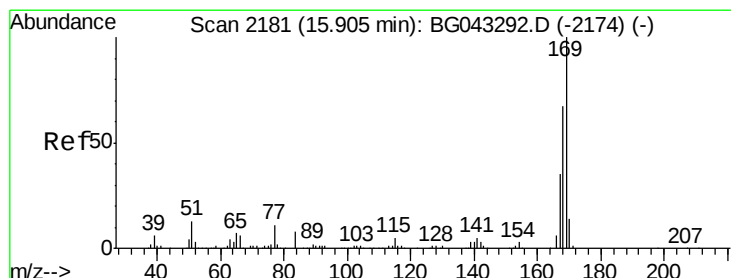
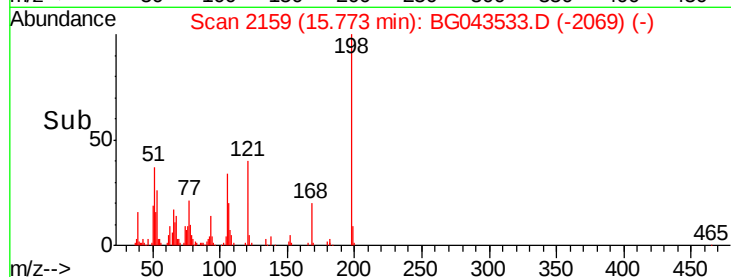
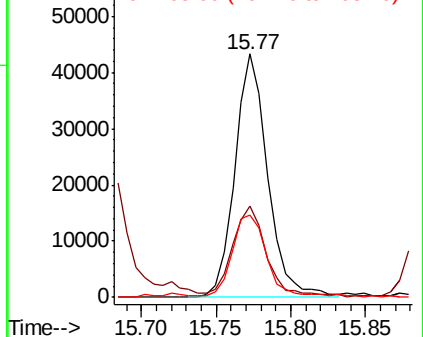
105 33.8 15.8 55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.139 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

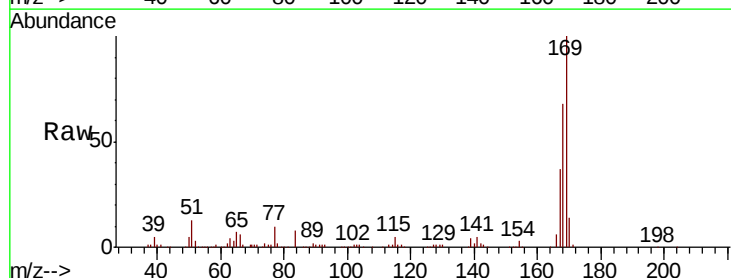
Tgt Ion:169 Resp: 285533

Ion Ratio Lower Upper

169 100

168 68.5 53.8 80.6

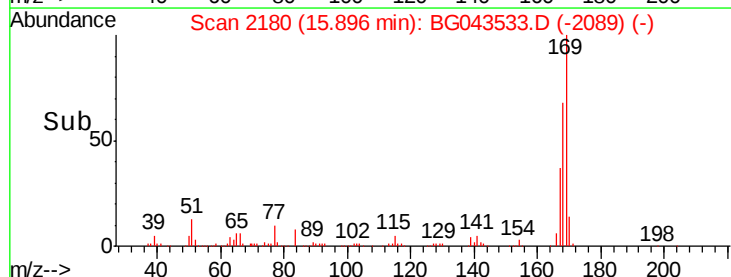
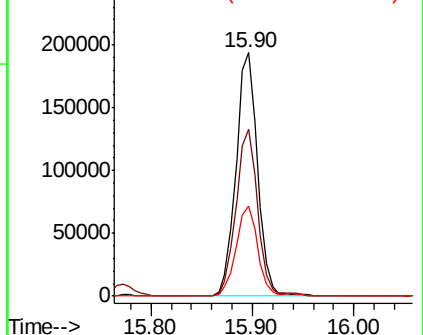
167 36.8 27.5 41.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

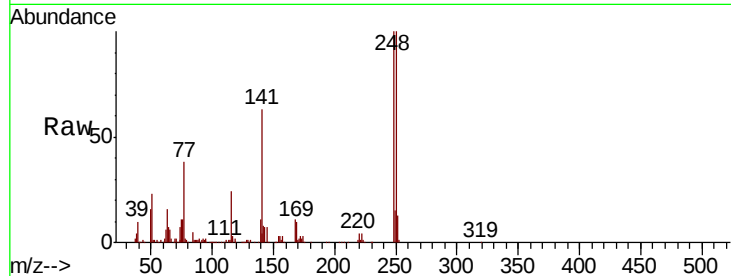




#67
4-Bromophenyl-phenylether
Concen: 44.526 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.5	77.0	115.4
141	62.6	47.5	71.3

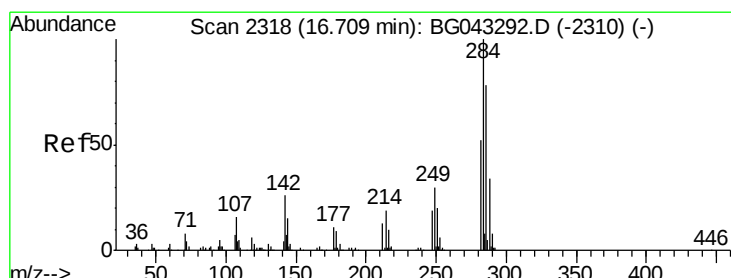
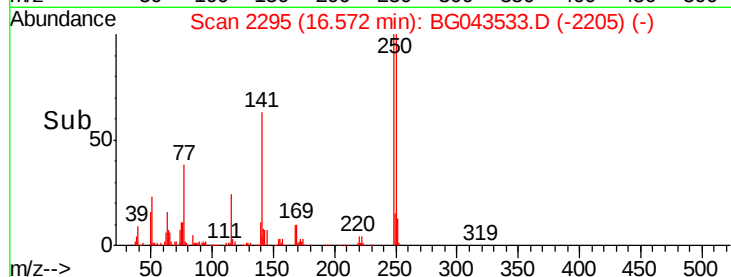
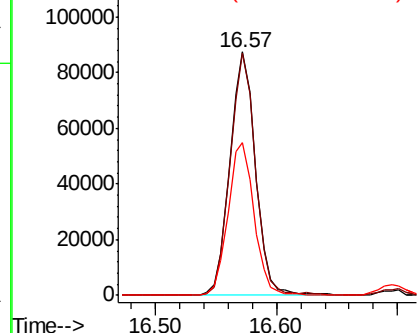


Abundance

Ion 248.00 (247.70 to 248.70): E

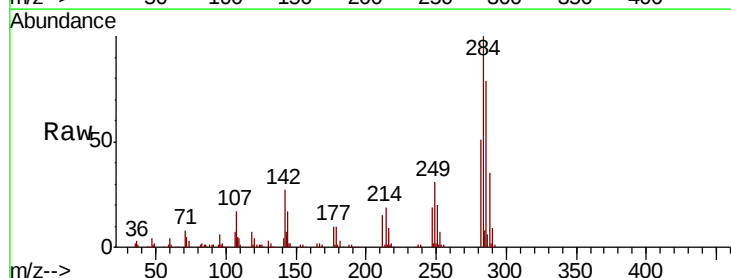
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.985 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.2	19.8	29.8
249	31.4	23.8	35.6

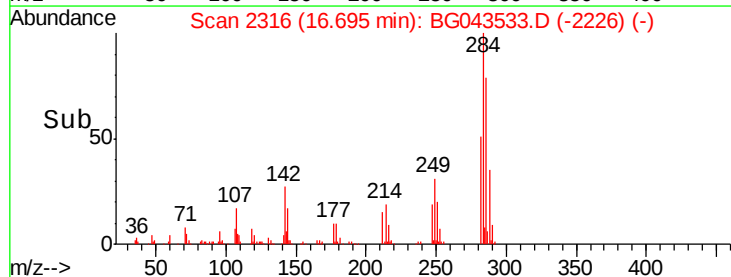
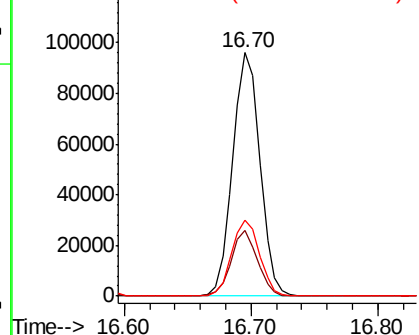


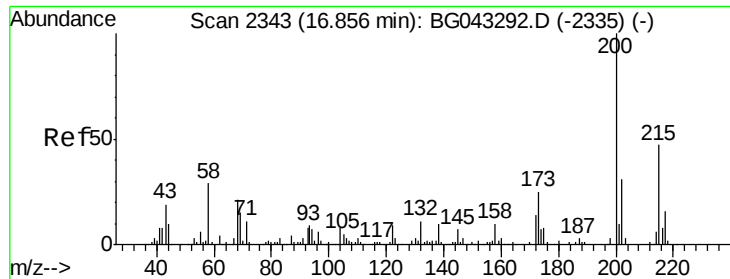
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 59.652 ng

RT: 16.84 min Scan# 2341

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

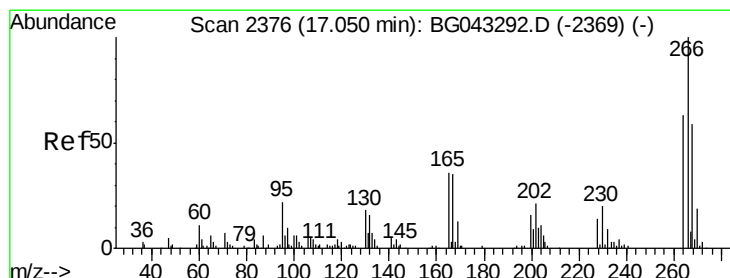
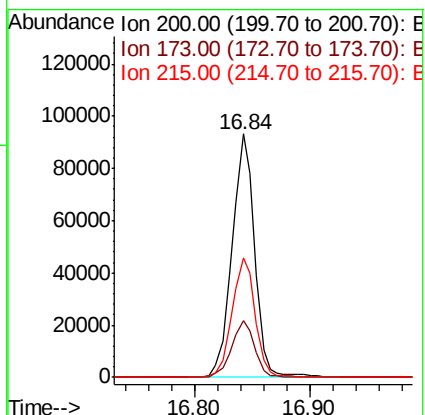
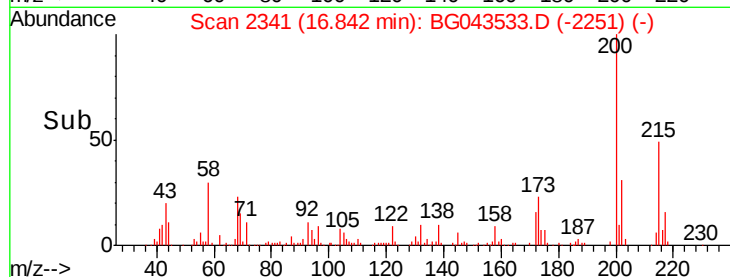
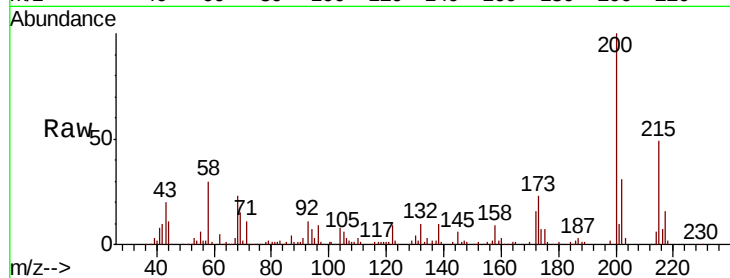
Tot Ion:200 Resp: 125554

Ion Ratio Lower Upper

200 100

173 23.2 4.7 44.7

215 49.2 28.5 68.5



#70

Pentachlorophenol

Concen: 92.978 ng

RT: 17.05 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

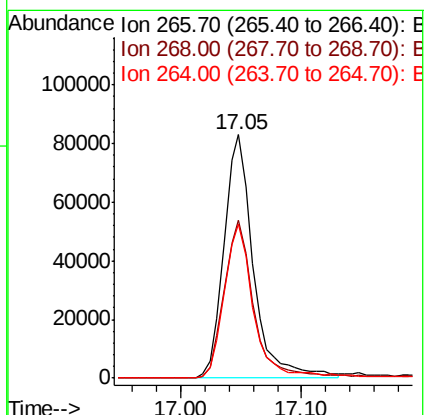
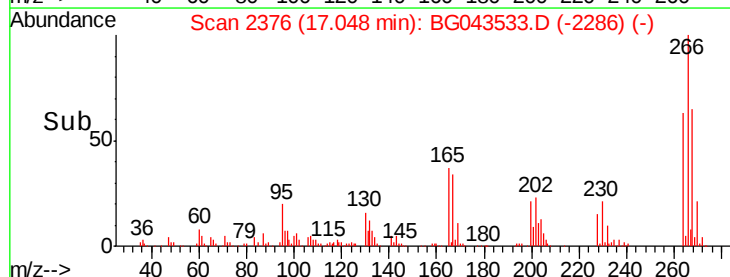
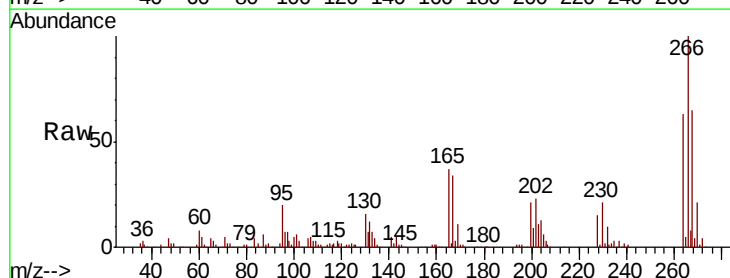
Tgt Ion:266 Resp: 140416

Ion Ratio Lower Upper

266 100

268 64.6 50.4 75.6

264 63.5 48.9 73.3

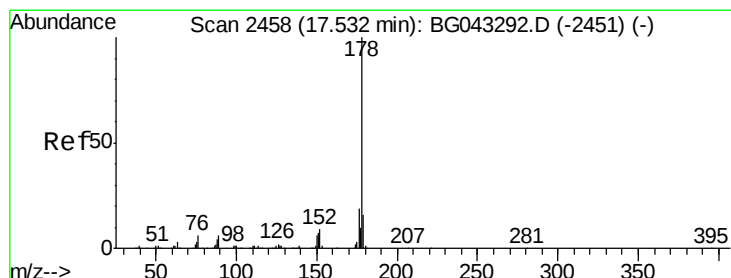
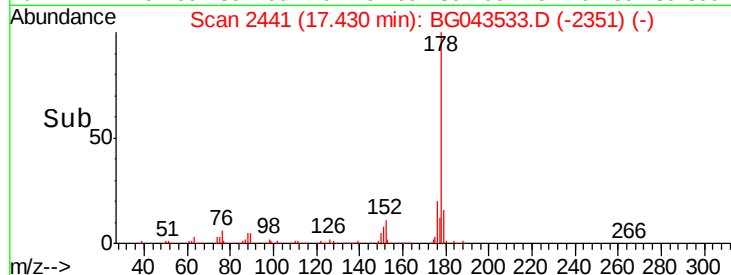
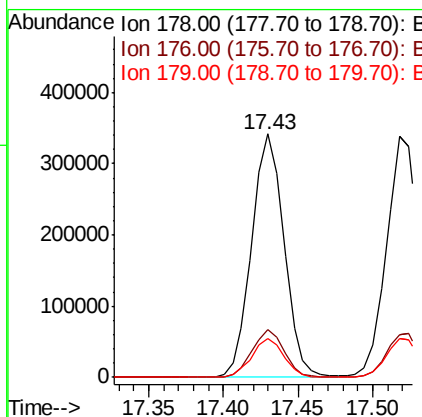
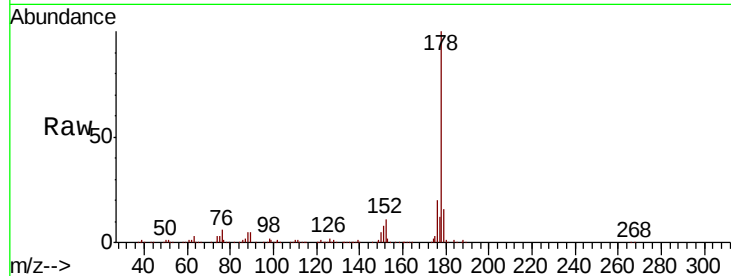




#71
 Phenanthrene
 Concen: 46.742 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BG043533.D
 Acq: 6 Nov 2019 23:22

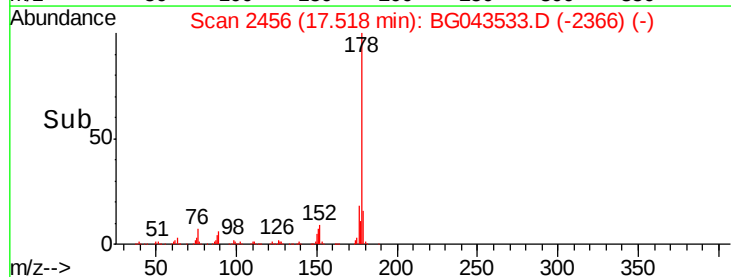
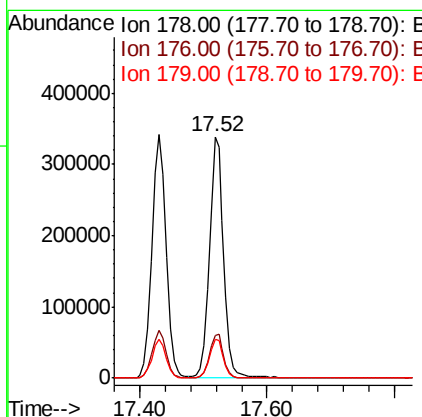
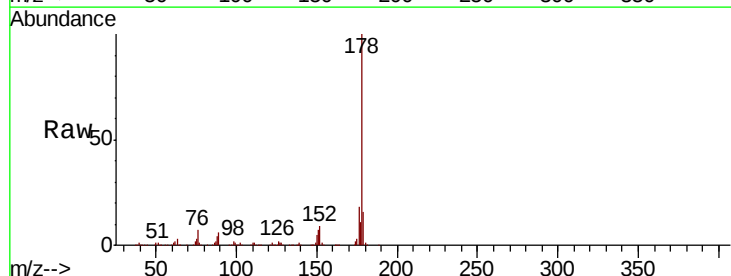
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 513528
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.0
 179 15.9 13.0 19.6



#72
 Anthracene
 Concen: 48.848 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG043533.D
 Acq: 6 Nov 2019 23:22

Tgt Ion:178 Resp: 536950
 Ion Ratio Lower Upper
 178 100
 176 17.9 15.5 23.3
 179 16.0 13.7 20.5





#73

Carbazole

Concen: 47.746 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

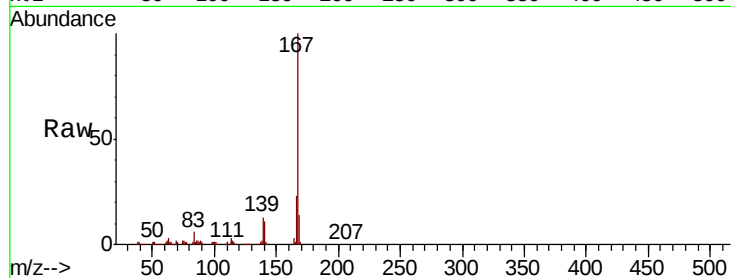
Tot Ion:167 Resp: 475276

Ion Ratio Lower Upper

167 100

166 22.5 18.7 28.1

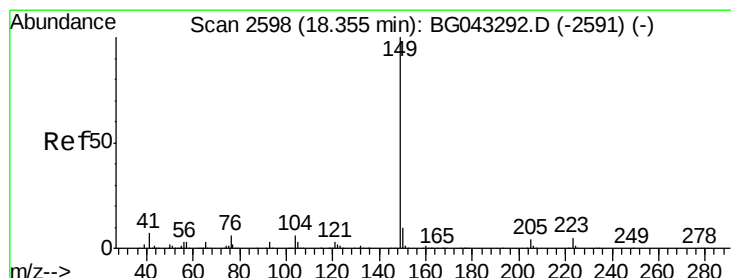
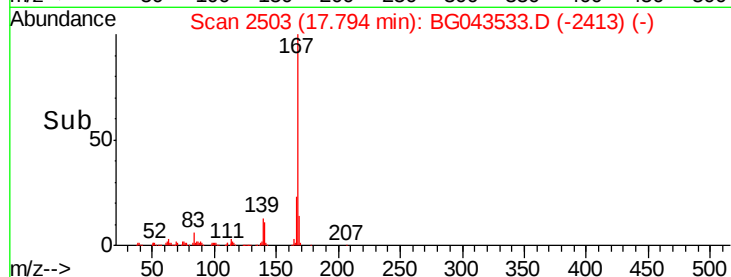
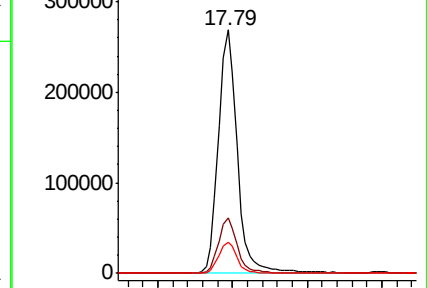
139 12.6 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.778 ng

RT: 18.34 min Scan# 2596

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

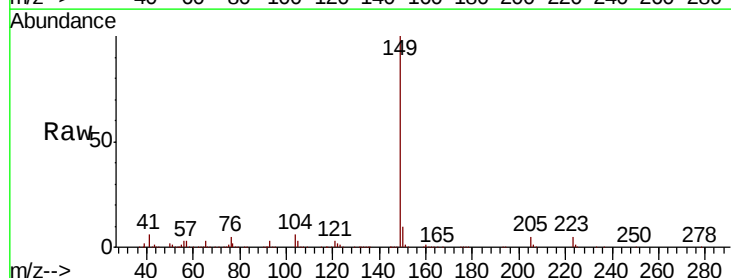
Tgt Ion:149 Resp: 564992

Ion Ratio Lower Upper

149 100

150 9.7 8.0 12.0

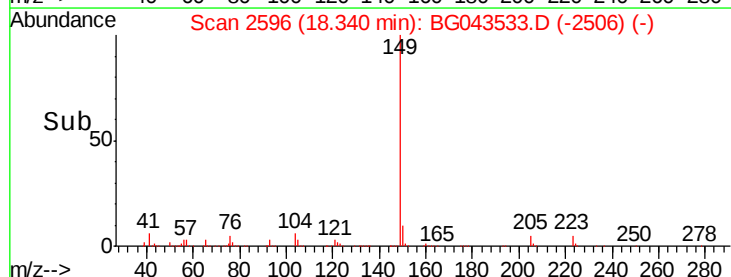
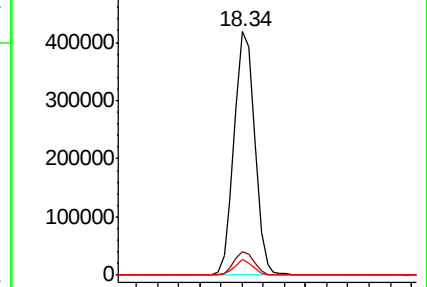
104 6.2 4.4 6.6

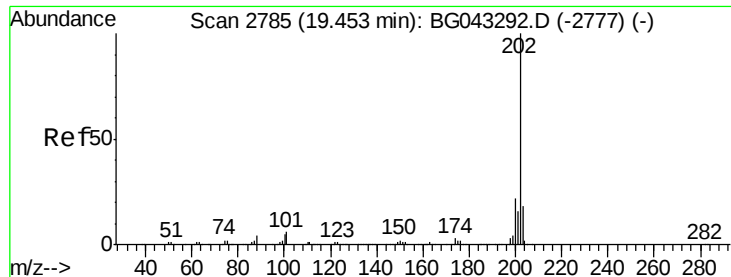


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.837 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043533.D

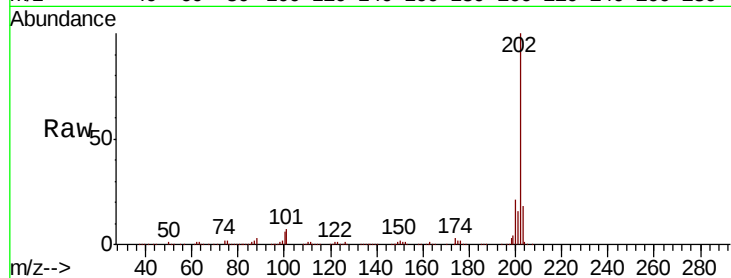
Acq: 6 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	670851
Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	26.3
203	18.4	0.0	37.9

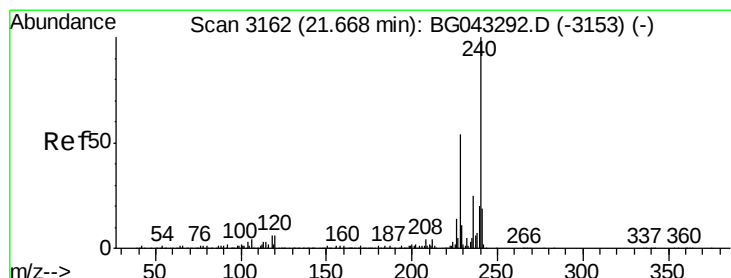
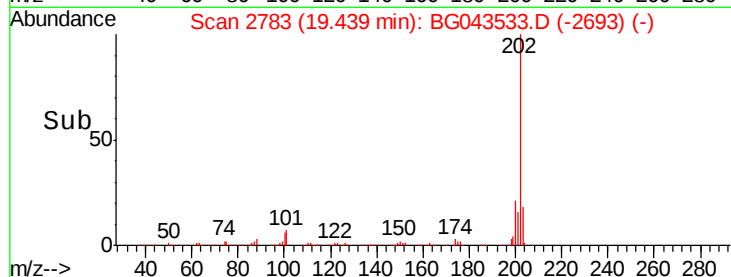
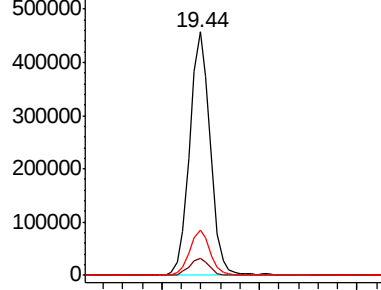


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

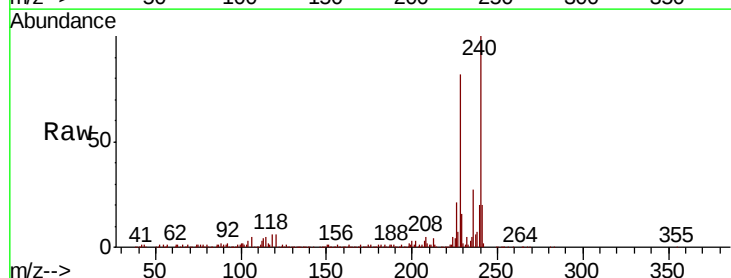
RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

Tgt Ion:	240	Resp:	225648
Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.6	6.8
236	26.8	19.8	29.8

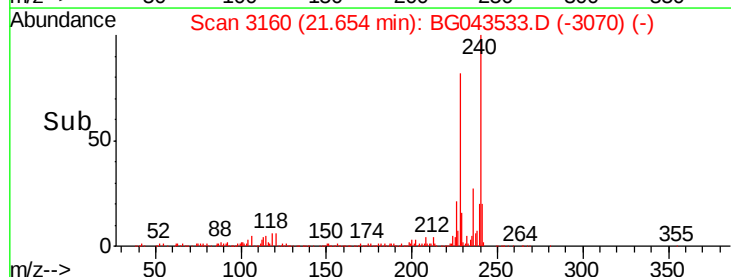
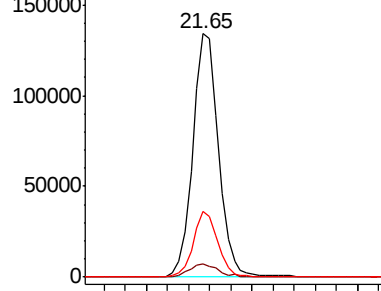


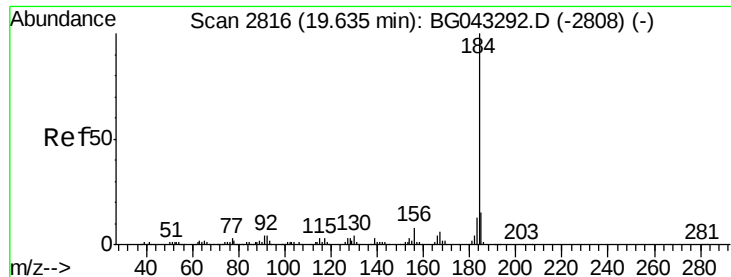
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 79.189 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

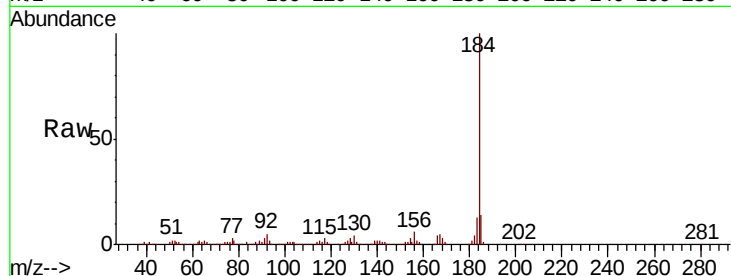
Tot Ion:184 Resp: 359614

Ion Ratio Lower Upper

184 100

185 14.2 11.0 16.4

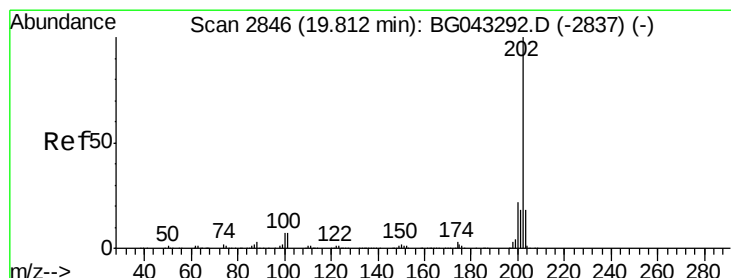
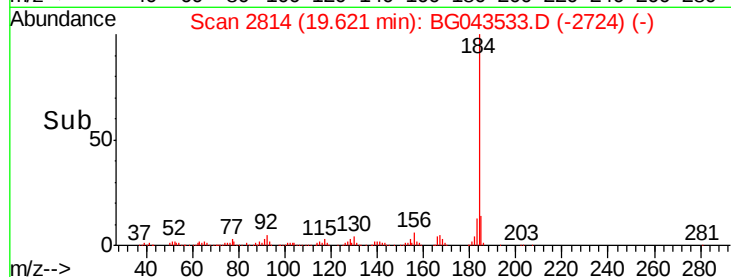
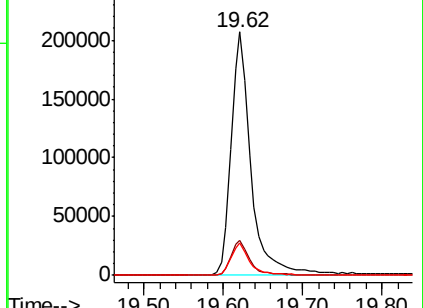
183 13.1 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.202 ng

RT: 19.80 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

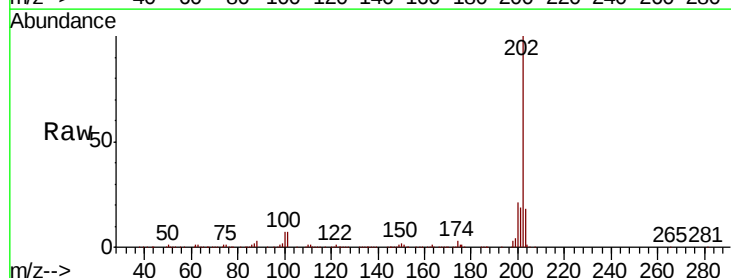
Tgt Ion:202 Resp: 673258

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

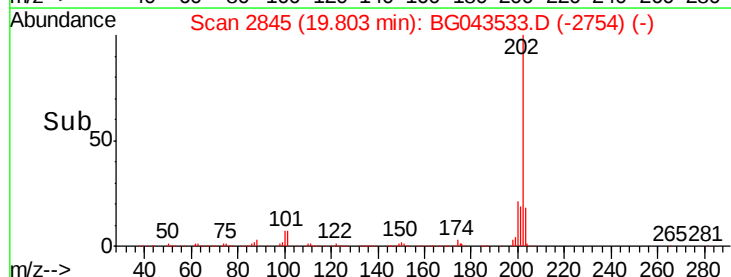
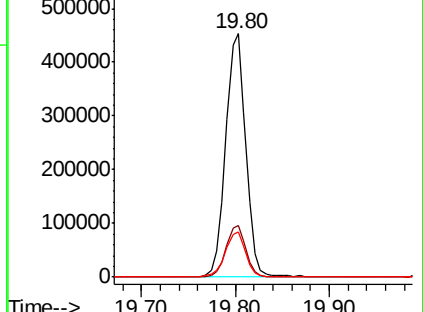
203 18.3 14.7 22.1

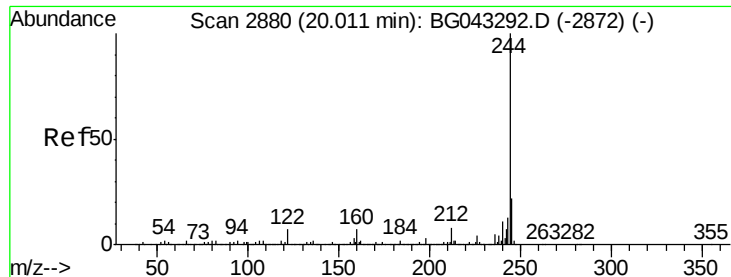


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.076 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

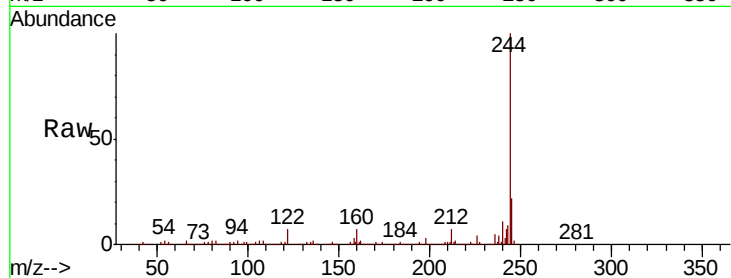
Tot Ion:244 Resp: 915028

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	6.7	5.4	8.2

244 100

212 7.1 5.8 8.6

122 6.7 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.00

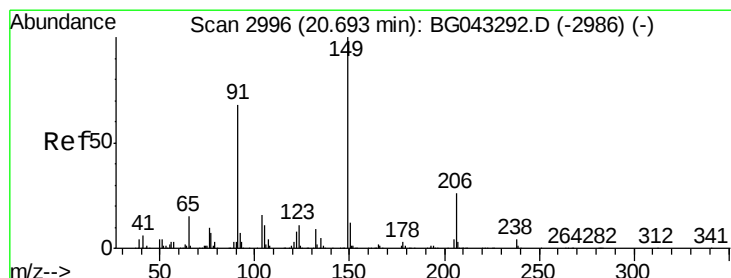
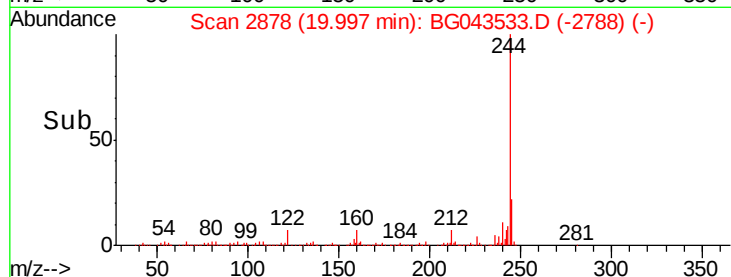
600000

400000

200000

0

Time--> 19.90 20.00 20.10



#80

Butylbenzylphthalate

Concen: 48.021 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

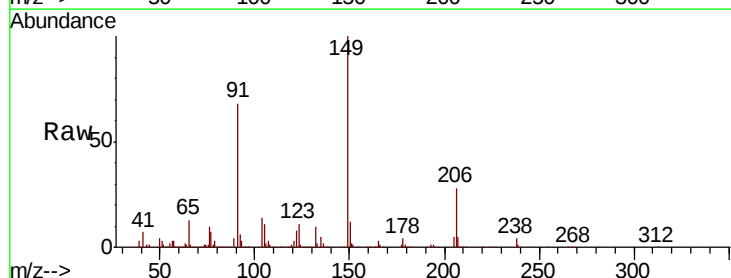
Tgt Ion:149 Resp: 254110

Ion	Ratio	Lower	Upper
149	100		
91	67.5	51.2	76.8
206	28.4	22.5	33.7

149 100

91 67.5 51.2 76.8

206 28.4 22.5 33.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

20.68

250000

200000

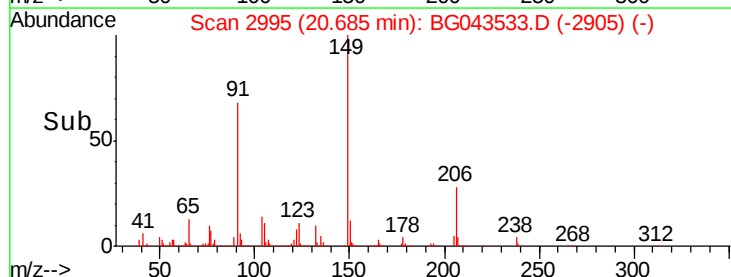
150000

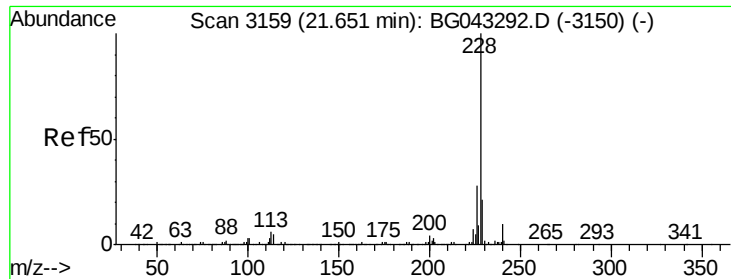
100000

50000

0

Time--> 20.60 20.65 20.70

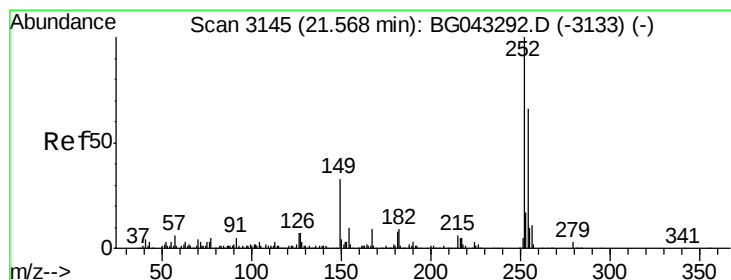
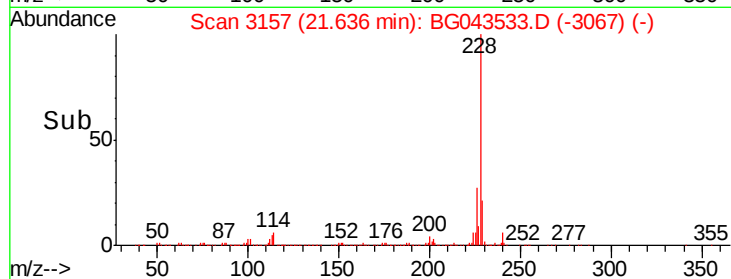
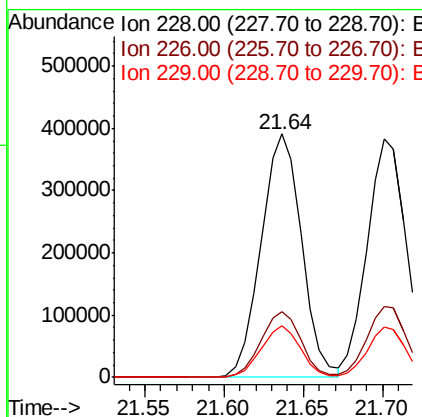
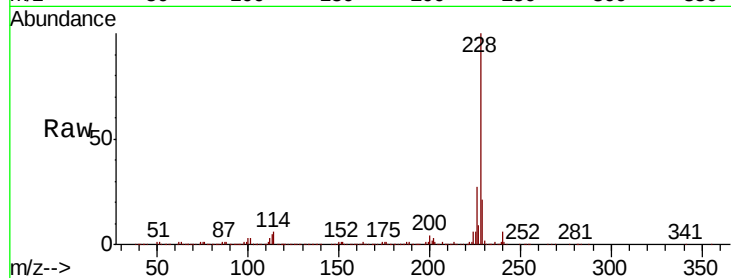




#81
Benzo(a)anthracene
Concen: 49.277 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

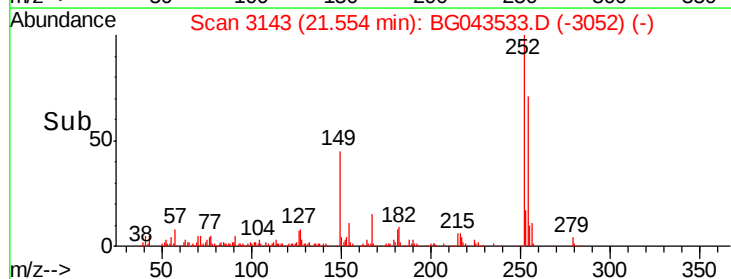
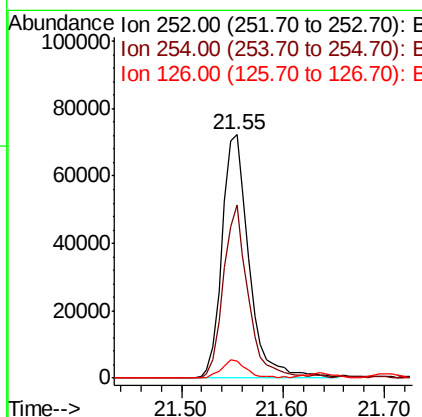
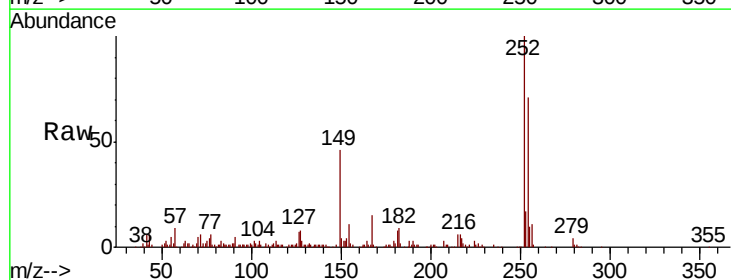
Instrument :
BNA_G
ClientSampled :

Tot Ion:228 Resp: 696496
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.2
229 21.2 17.0 25.4



#82
3,3'-Dichlorobenzidine
Concen: 24.440 ng
RT: 21.55 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Tgt Ion:252 Resp: 133610
Ion Ratio Lower Upper
252 100
254 70.9 50.8 76.2
126 7.0 6.1 9.1





#83

Chrysene

Concen: 47.596 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

Instrument :

BNA_G

ClientSampled :

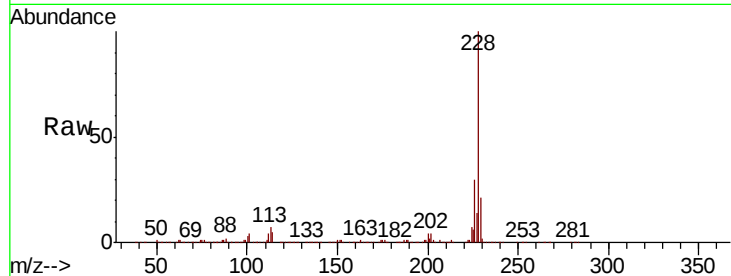
Tot Ion:228 Resp: 668421

Ion Ratio Lower Upper

228 100

226 29.6 25.1 37.7

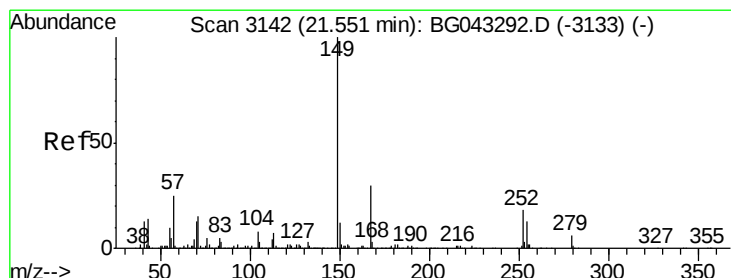
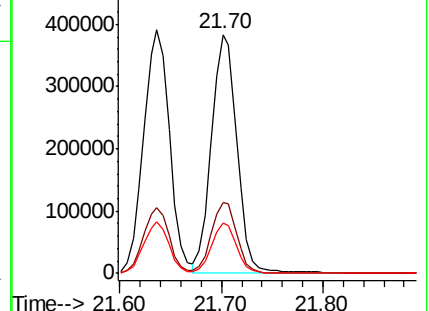
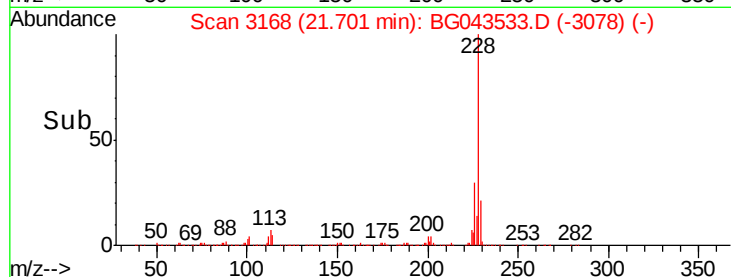
229 21.0 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.500 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

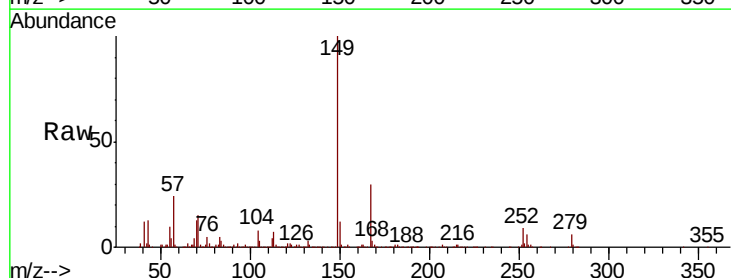
Tgt Ion:149 Resp: 372089

Ion Ratio Lower Upper

149 100

167 30.3 24.0 36.0

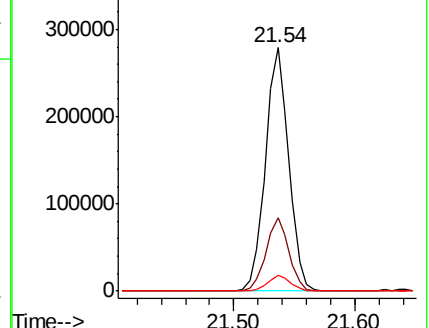
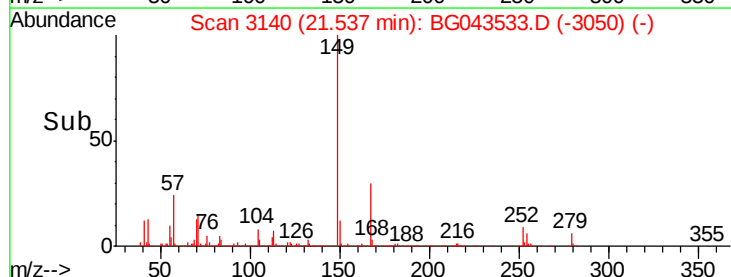
279 6.5 5.4 8.2

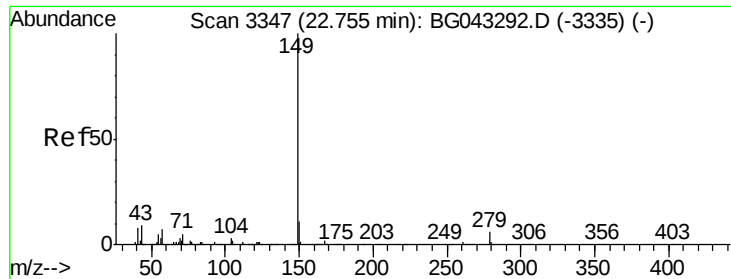


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.937 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.00 min

Lab File: BG043533.D

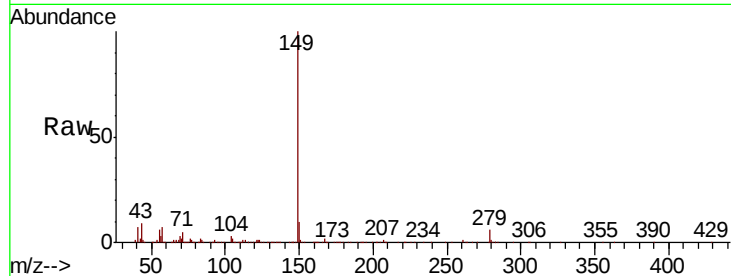
Acq: 6 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

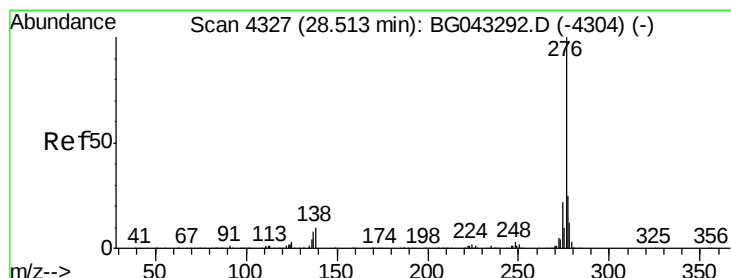
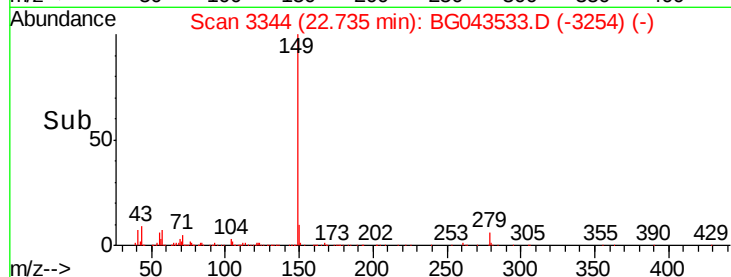
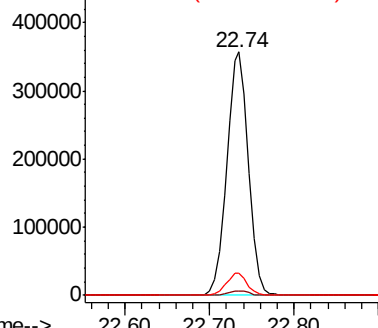
Tot Ion:149	Resp:	636846
Ion Ratio	Lower	Upper
149	100	
167	1.8	1.4 2.2
43	8.8	7.0 10.6



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: 50.255 ng

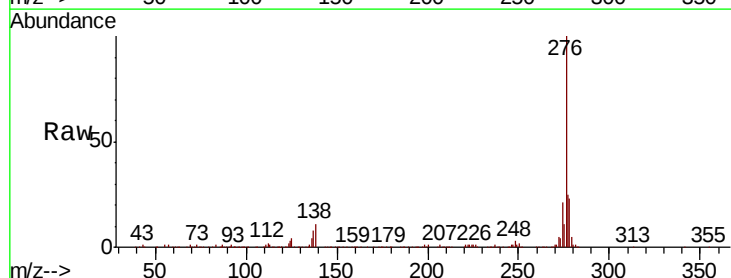
RT: 28.50 min Scan# 4325

Delta R.T. 0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

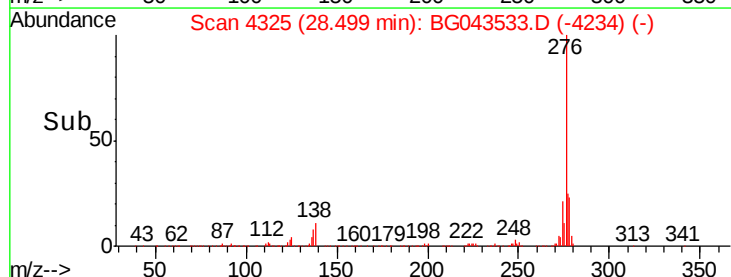
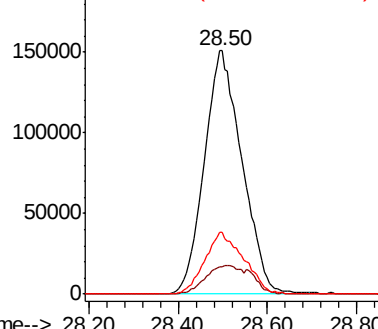
Tgt Ion:276	Resp:	885912
Ion Ratio	Lower	Upper
276	100	
138	11.0	6.8 10.2#
277	26.3	20.9 31.3



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: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

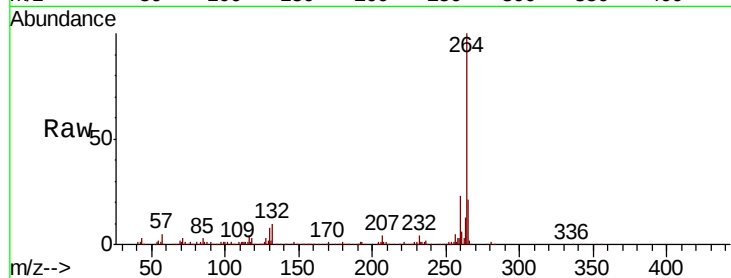
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 265547

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.5	26.3
265	20.9	17.4	26.0

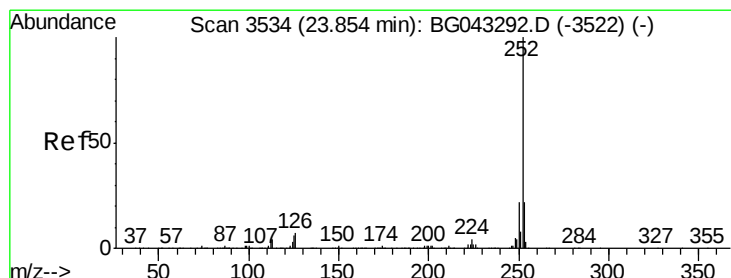
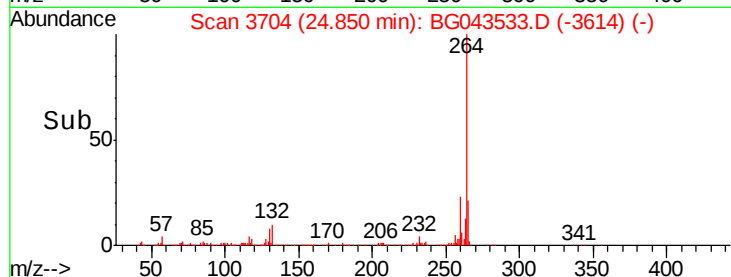
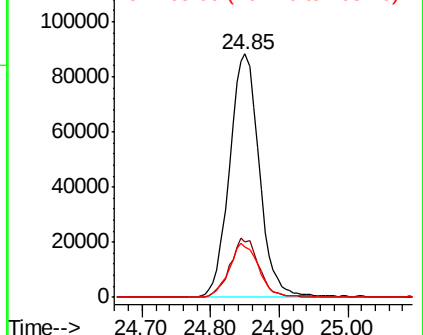


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.669 ng

RT: 23.84 min Scan# 3532

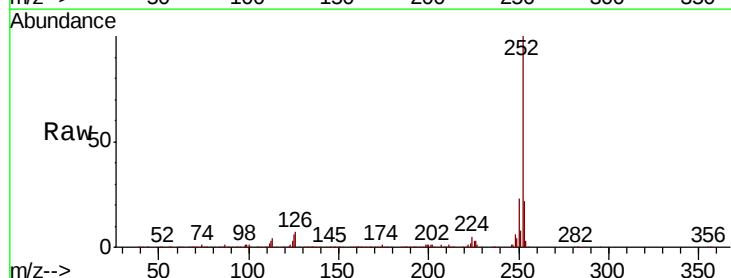
Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

Tgt Ion:252 Resp: 716923

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	5.6	4.5	6.7

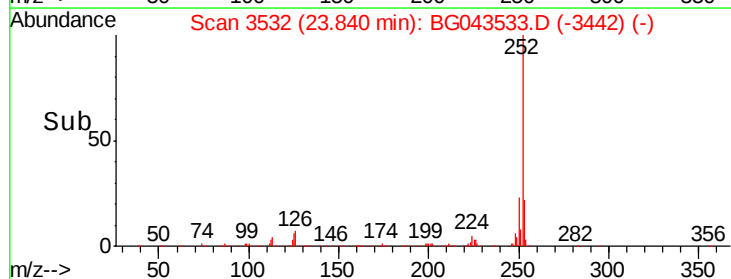
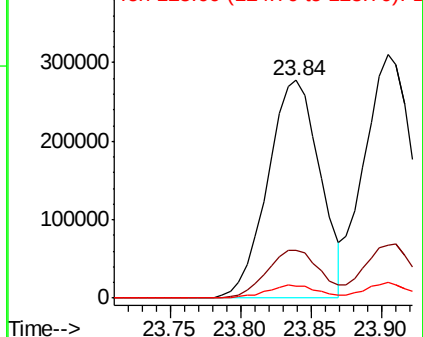


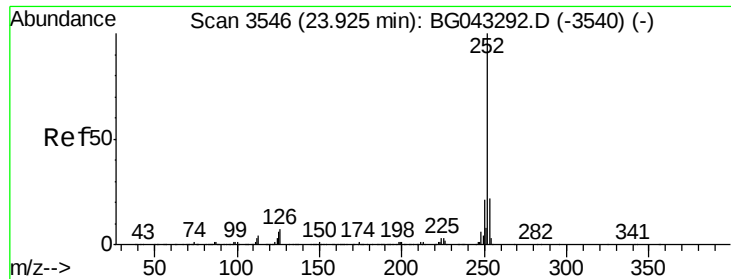
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

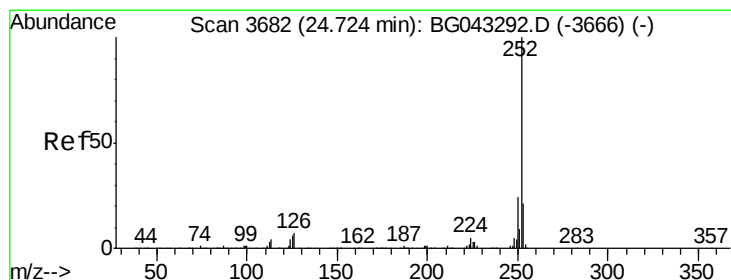
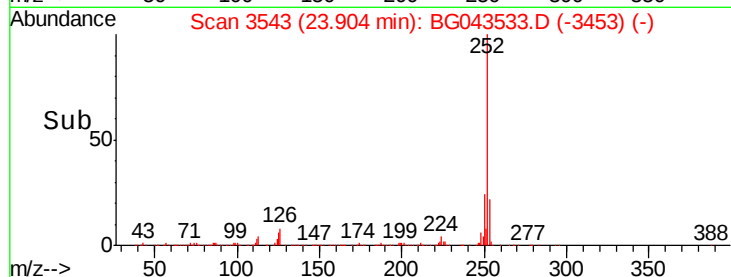
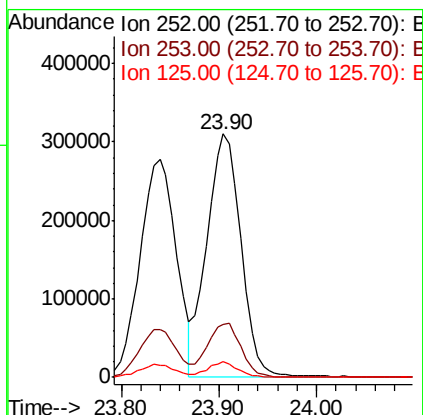
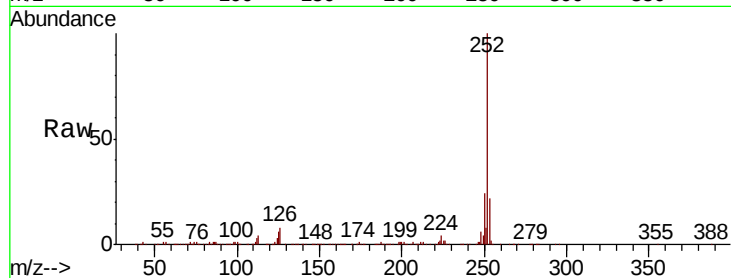




#89
Benzo(k)fluoranthene
Concen: 49.367 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

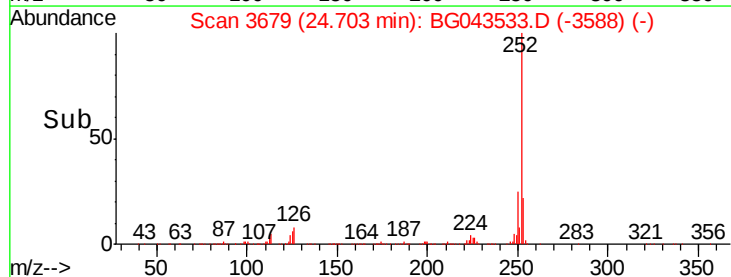
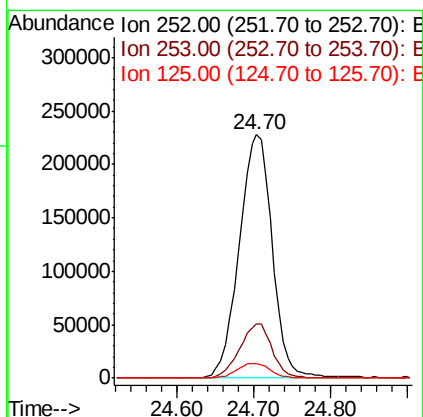
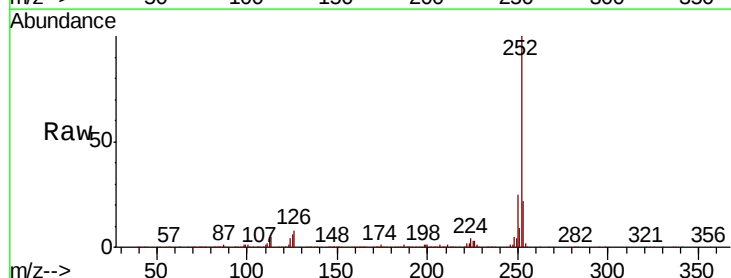
Instrument :
BNA_G
ClientSampleId :

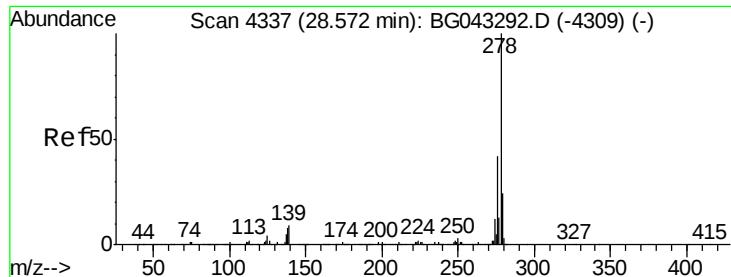
Tot Ion:252 Resp: 747451
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 6.4 4.6 6.8



#90
Benzo(a)pyrene
Concen: 47.580 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG043533.D
Acq: 6 Nov 2019 23:22

Tgt Ion:252 Resp: 683340
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 6.2 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 50.846 ng

RT: 28.55 min Scan# 4334

Delta R.T. -0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

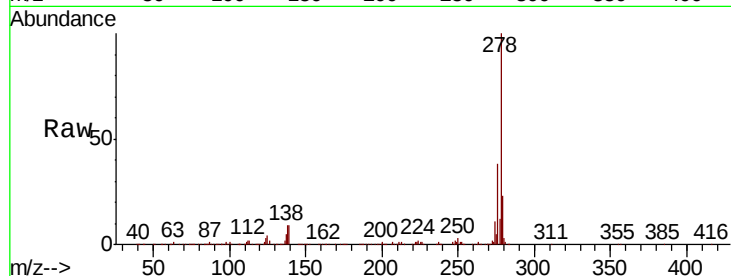
Tot Ion:278 Resp: 746930

Ion Ratio Lower Upper

278 100

139 8.9 7.4 11.0

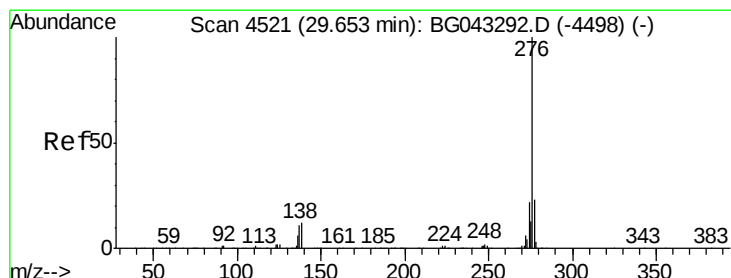
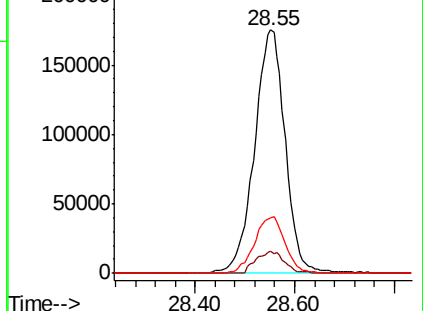
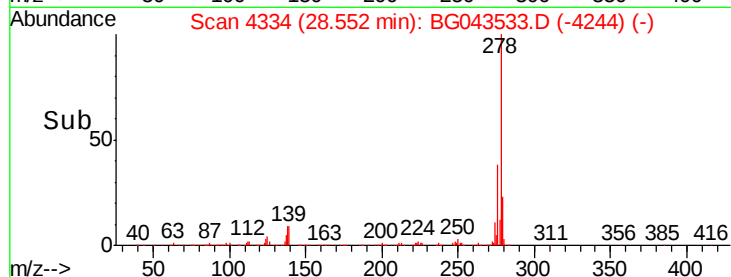
279 22.6 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.126 ng

RT: 29.63 min Scan# 4518

Delta R.T. 0.00 min

Lab File: BG043533.D

Acq: 6 Nov 2019 23:22

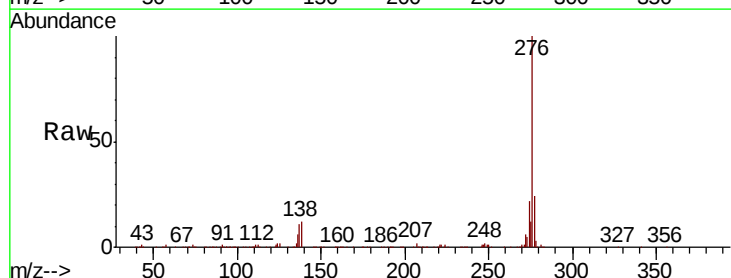
Tgt Ion:276 Resp: 740827

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 11.7 8.9 13.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

