

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
 Data File : BG043527.D
 Acq On : 6 Nov 2019 19:31
 Operator : JU
 Sample : PB124575BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 01:07:05 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	26569	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	103393	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	73514	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	173095	20.00	ng	0.00
76) Chrysene-d12	21.65	240	195023	20.00	ng	0.00
87) Perylene-d12	24.85	264	225403	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	186551	128.66	ng	0.00
7) Phenol-d6	7.19	99	254088	121.80	ng	0.00
23) Nitrobenzene-d5	9.17	82	127477	63.56	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	158448	113.26	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	349666	65.72	ng	0.00
79) Terphenyl-d14	20.00	244	691545	66.52	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.47	88	23462	41.524	ng	98
3) Pyridine	3.87	79	56941	39.950	ng	95
4) n-Nitrosodimethylamine	3.79	42	31688	44.059	ng	# 95
6) Aniline	7.34	93	71974	29.950	ng	98
8) 2-Chlorophenol	7.58	128	76554	47.830	ng	96
9) Benzaldehyde	7.15	77	41287	40.272	ng	88
10) Phenol	7.22	94	92505	48.527	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	62884	42.668	ng	97
12) 1,3-Dichlorobenzene	7.90	146	85700	42.736	ng	97
13) 1,4-Dichlorobenzene	8.05	146	86199	42.485	ng	98
14) 1,2-Dichlorobenzene	8.36	146	83609	42.205	ng	97
15) Benzyl Alcohol	8.25	79	65242	44.532	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	83695	39.055	ng	97
17) 2-Methylphenol	8.47	107	62224	44.776	ng	97
18) Hexachloroethane	9.09	117	31343	42.818	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	54634	40.530	ng	94
20) 3+4-Methylphenols	8.80	107	83758	43.954	ng	98
22) Acetophenone	8.83	105	109964	41.530	ng	# 97
24) Nitrobenzene	9.22	77	84949	44.465	ng	# 98
25) Isophorone	9.73	82	153397	41.836	ng	98
26) 2-Nitrophenol	9.93	139	43427	47.083	ng	96
27) 2,4-Dimethylphenol	10.00	122	70627	53.426	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	86086	42.540	ng	99
29) 2,4-Dichlorophenol	10.48	162	77161	45.555	ng	97
30) 1,2,4-Trichlorobenzene	10.68	180	90582	42.431	ng	96
31) Naphthalene	10.87	128	235686	44.908	ng	99
32) Benzoic acid	10.16	122	29300	32.604	ng	93
33) 4-Chloroaniline	10.99	127	54208	25.198	ng	98
34) Hexachlorobutadiene	11.15	225	64632	40.956	ng	96
35) Caprolactam	11.75	113	25840	44.296	ng	# 89
36) 4-Chloro-3-methylphenol	12.11	107	84716	45.852	ng	99
37) 2-Methylnaphthalene	12.47	142	179195	44.500	ng	97
38) 1-Methylnaphthalene	12.69	142	169303	44.188	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	111327	40.919	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	119969	83.943	ng	99
43) 2,4,6-Trichlorophenol	13.08	196	72040	44.963	ng	98
44) 2,4,5-Trichlorophenol	13.16	196	74211	45.815	ng	97
46) 1,1'-Biphenyl	13.48	154	237110	42.398	ng	98
47) 2-Chloronaphthalene	13.52	162	181883	42.744	ng	98
48) 2-Nitroaniline	13.73	65	55478	43.622	ng	96
49) Acenaphthylene	14.36	152	298847	45.125	ng	100
50) Dimethylphthalate	14.09	163	243000	42.675	ng	99
51) 2,6-Dinitrotoluene	14.22	165	55806	45.112	ng	94
52) Acenaphthene	14.70	154	178601	44.223	ng	99
53) 3-Nitroaniline	14.56	138	35944	30.095	ng	96
54) 2,4-Dinitrophenol	14.76	184	57601	75.061	ng	96
55) Dibenzofuran	15.04	168	287729	43.932	ng	96
56) 4-Nitrophenol	14.89	139	70501	88.086	ng	92
57) 2,4-Dinitrotoluene	15.00	165	79707	45.086	ng	# 97
58) Fluorene	15.69	166	242625	44.169	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	72257	41.986	ng	96
60) Diethylphthalate	15.46	149	241239	42.164	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	136636	42.638	ng	97
62) 4-Nitroaniline	15.72	138	52766	42.779	ng	95
63) Azobenzene	15.97	77	204564	44.178	ng	99
65) 4,6-Dinitro-2-methylphenol	15.77	198	48700	47.808	ng	93
66) n-Nitrosodiphenylamine	15.90	169	219205	44.855	ng	97
67) 4-Bromophenyl-phenylether	16.57	248	96423	41.393	ng	95
68) Hexachlorobenzene	16.70	284	110123	41.184	ng	95
69) Atrazine	16.84	200	93645	55.147	ng	96
70) Pentachlorophenol	17.05	266	108131	88.747	ng	98
71) Phenanthrene	17.43	178	392361	44.266	ng	99
72) Anthracene	17.52	178	404524	45.614	ng	99
73) Carbazole	17.79	167	363280	45.235	ng	99
74) Di-n-butylphthalate	18.34	149	439013	45.053	ng	99
75) Fluoranthene	19.44	202	516728	44.717	ng	99
77) Benzidine	19.62	184	156132	39.780	ng	98
78) Pyrene	19.80	202	531455	44.025	ng	99
80) Butylbenzylphthalate	20.68	149	198493	43.401	ng	98
81) Benzo(a)anthracene	21.64	228	539922	44.198	ng	99
82) 3,3'-Dichlorobenzidine	21.55	252	157144	33.258	ng	# 99
83) Chrysene	21.70	228	519821	42.827	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	286255	44.062	ng	99
85) Di-n-octyl phthalate	22.74	149	496452	45.041	ng	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	681642	44.740	ng	99
88) Benzo(b)fluoranthene	23.84	252	554315	43.421	ng	100
89) Benzo(k)fluoranthene	23.90	252	572900	44.578	ng	98
90) Benzo(a)pyrene	24.70	252	524749	43.045	ng	99
91) Dibenzo(a,h)anthracene	28.55	278	578345	46.381	ng	98
92) Benzo(g,h,i)perylene	29.63	276	570522	46.385	ng	98

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

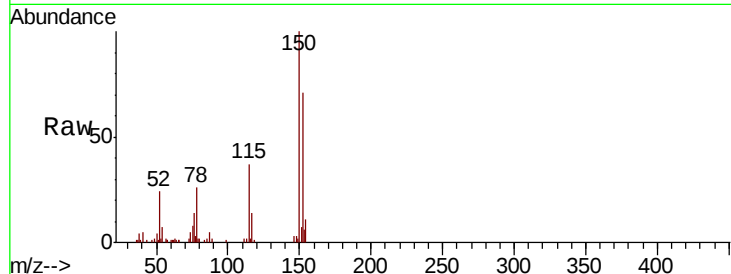


#1

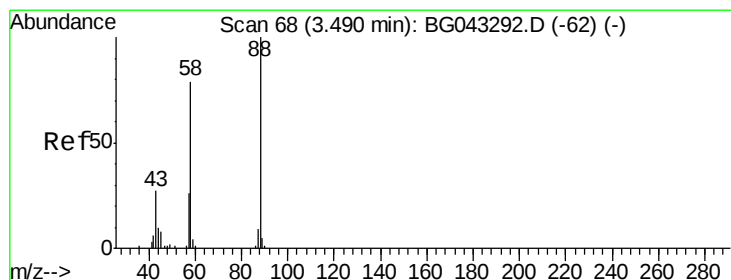
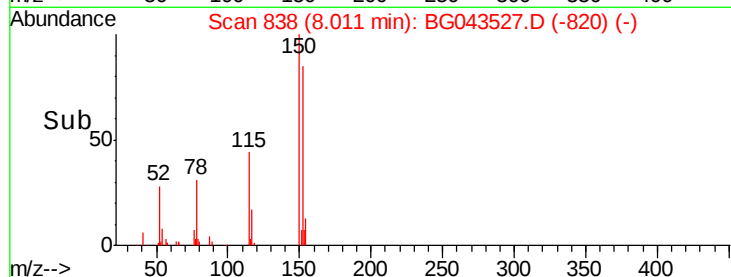
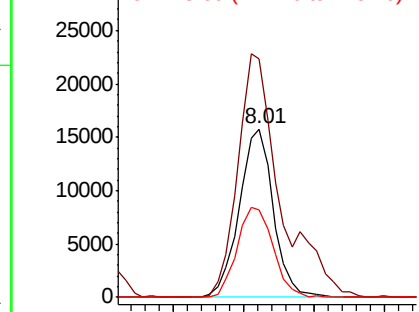
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26569
Ion Ratio Lower Upper
152 100
150 141.5 129.4 194.0
115 51.9 48.8 73.2



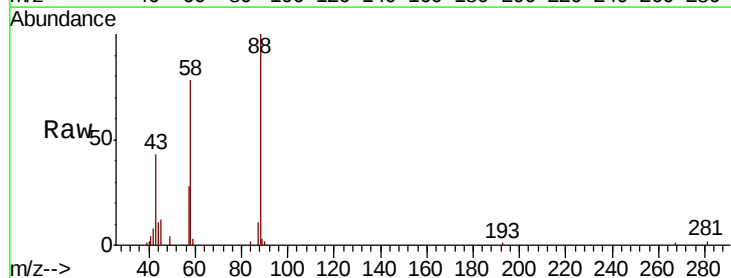
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



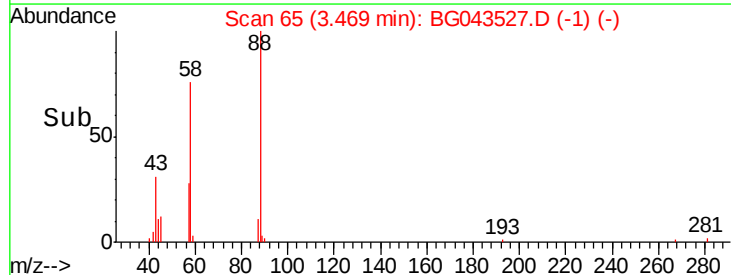
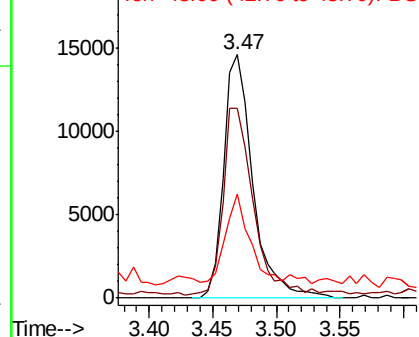
#2

1,4-Dioxane
Concen: 41.524 ng
RT: 3.47 min Scan# 65
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion: 88 Resp: 23462
Ion Ratio Lower Upper
88 100
58 80.8 62.7 94.1
43 29.4 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: 39.950 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

ClientSampleId :

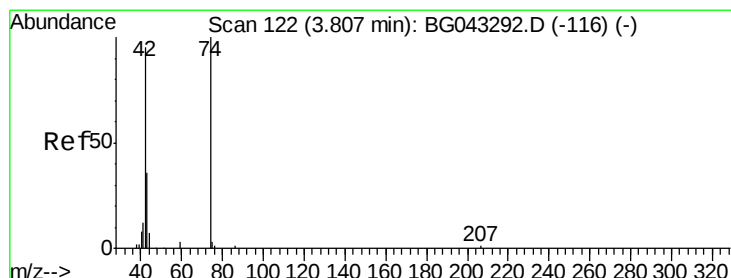
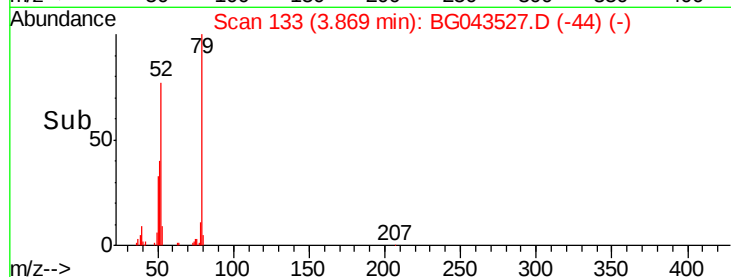
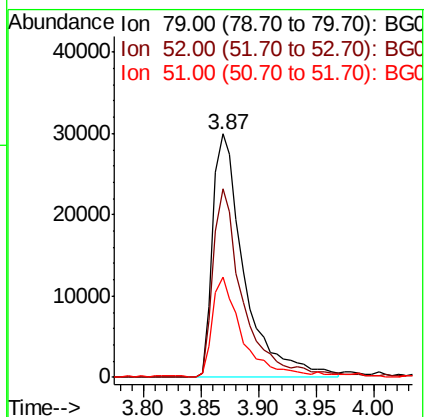
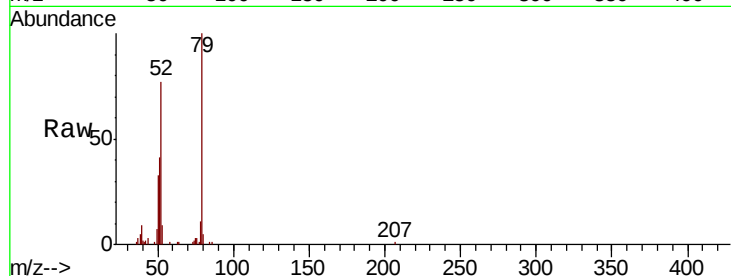
Tot Ion: 79 Resp: 56941

Ion Ratio Lower Upper

79 100

52 77.2 56.5 84.7

51 41.0 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 44.059 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

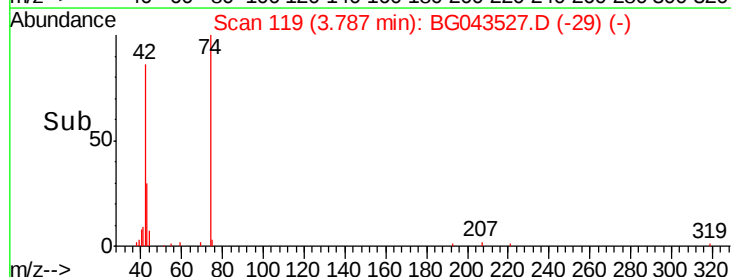
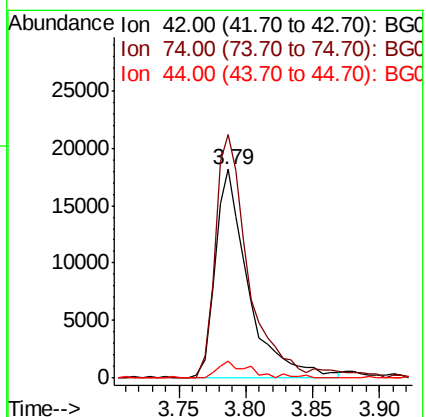
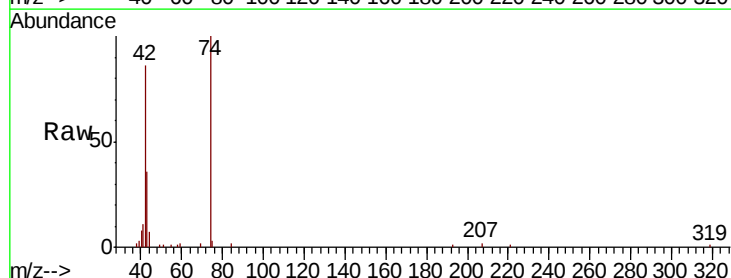
Tgt Ion: 42 Resp: 31688

Ion Ratio Lower Upper

42 100

74 116.6 97.3 145.9

44 8.2 4.4 6.6#





#5

2-Fluorophenol

Concen: 128.663 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

ClientSampleId :

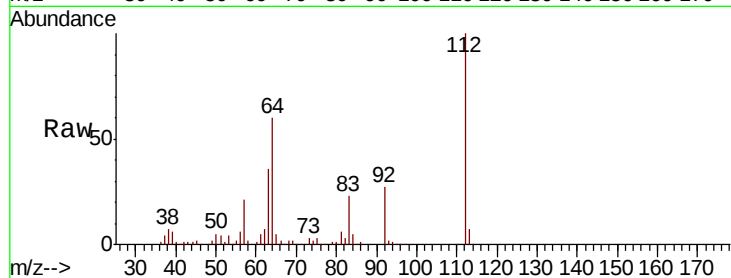
Tot Ion:112 Resp: 186551

Ion Ratio Lower Upper

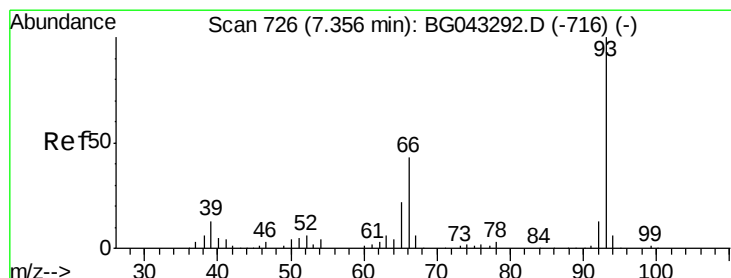
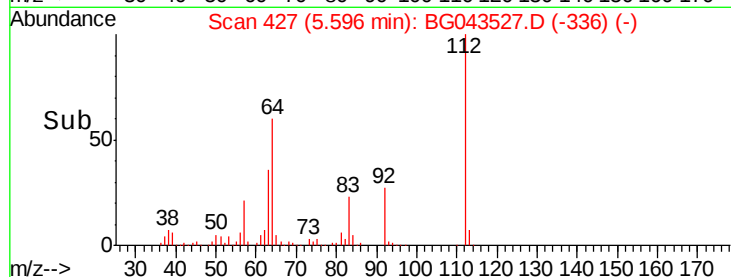
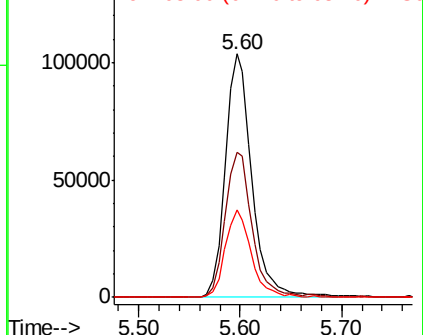
112 100

64 59.7 50.0 75.0

63 35.8 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: 29.950 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

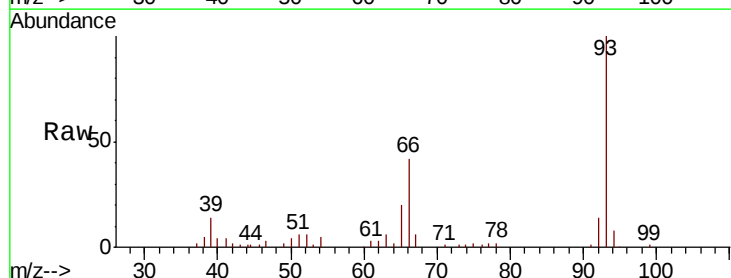
Tgt Ion: 93 Resp: 71974

Ion Ratio Lower Upper

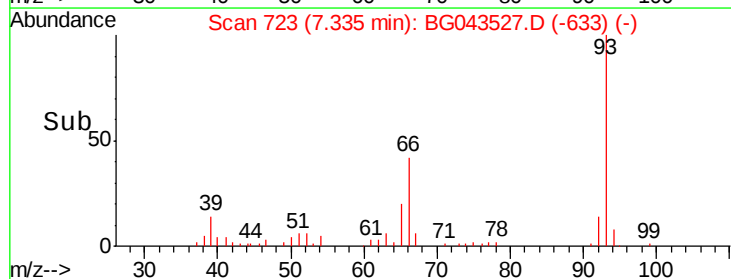
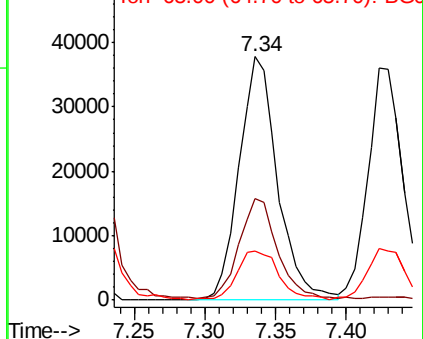
93 100

66 41.9 32.3 48.5

65 20.2 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: 121.801 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

ClientSampleId :

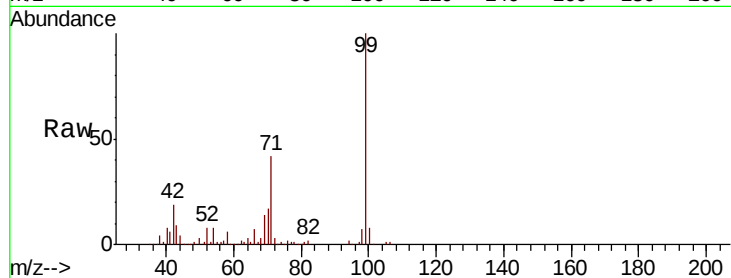
Tot Ion: 99 Resp: 254088

Ion Ratio Lower Upper

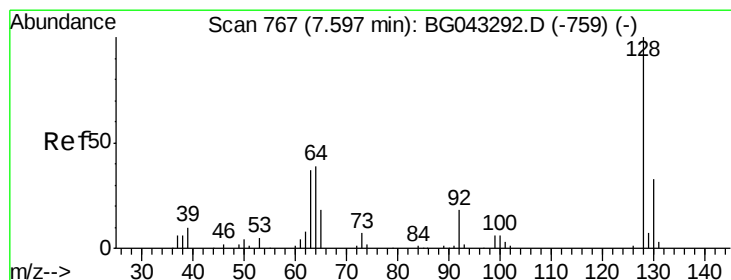
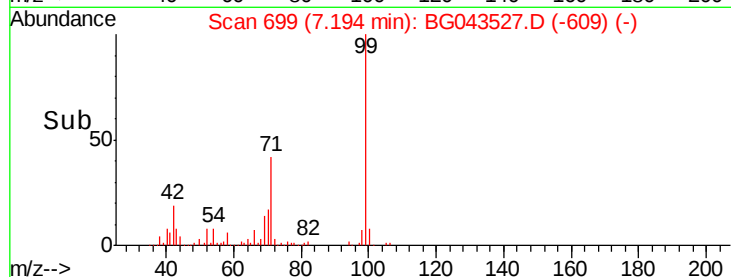
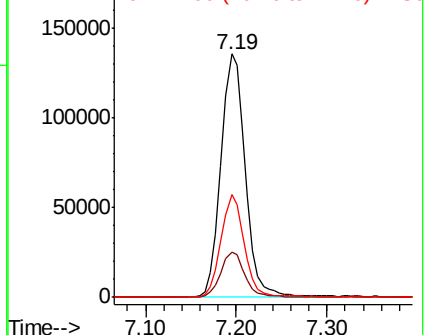
99 100

42 18.8 14.6 21.8

71 42.3 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: 47.830 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

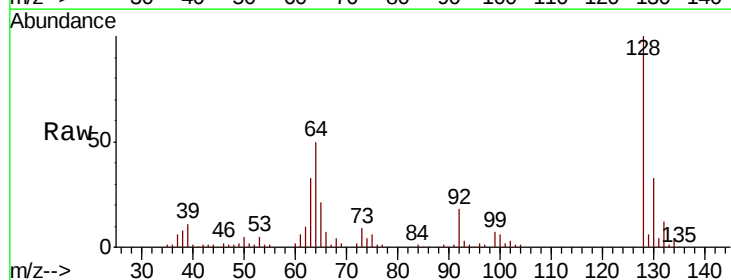
Tgt Ion: 128 Resp: 76554

Ion Ratio Lower Upper

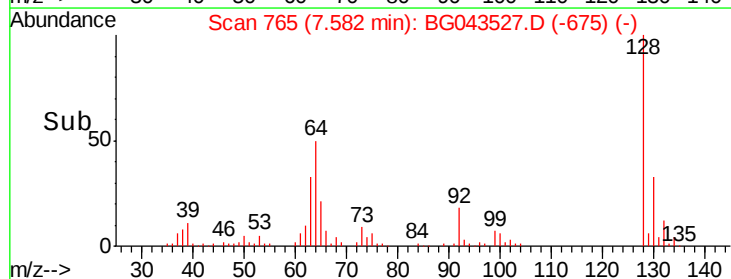
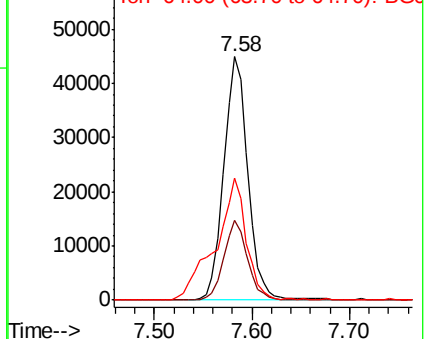
128 100

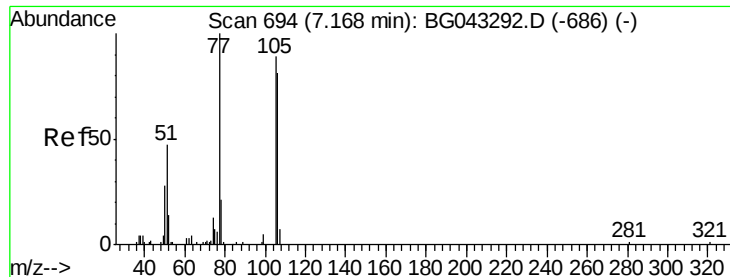
130 32.8 12.5 52.5

64 49.9 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: 40.272 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

ClientSampled :

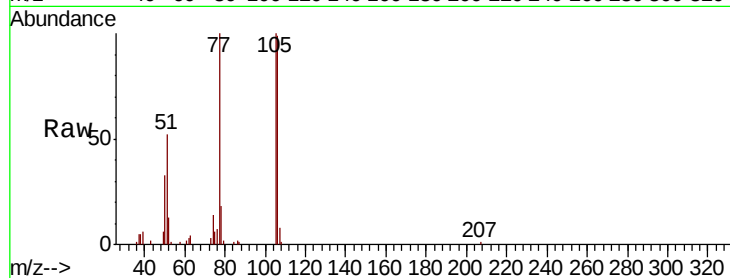
Tot Ion: 77 Resp: 41287

Ion Ratio Lower Upper

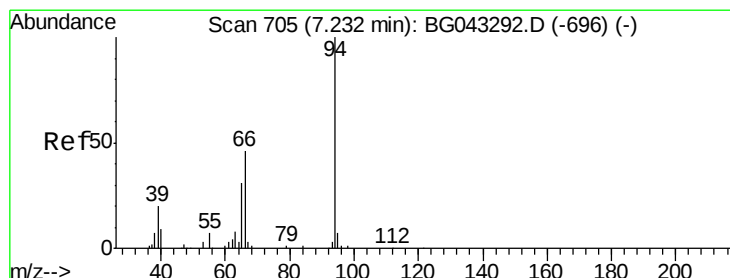
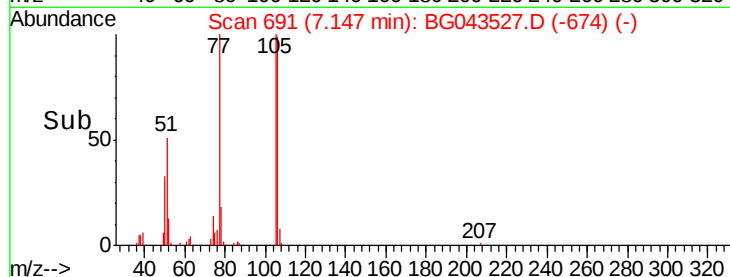
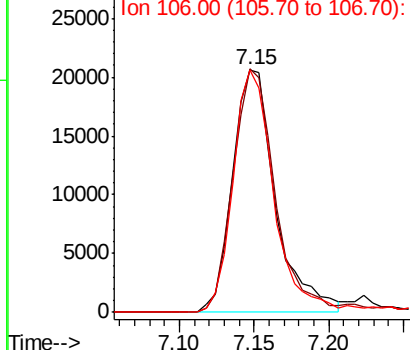
77 100

105 100.3 68.6 108.6

106 99.8 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: 48.527 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

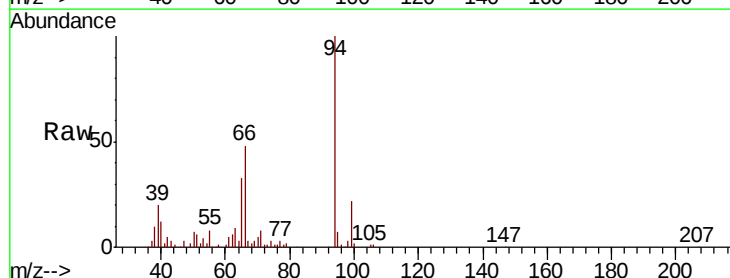
Tgt Ion: 94 Resp: 92505

Ion Ratio Lower Upper

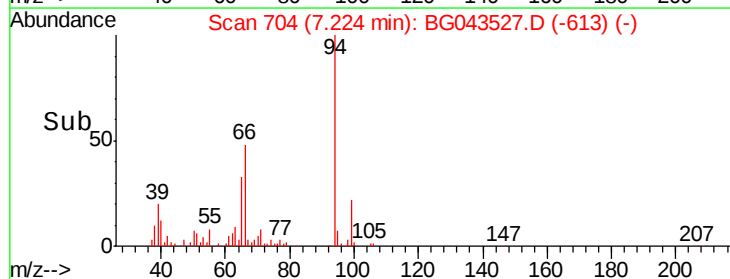
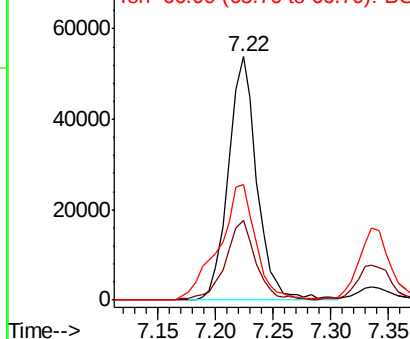
94 100

65 32.7 12.6 52.6

66 47.6 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

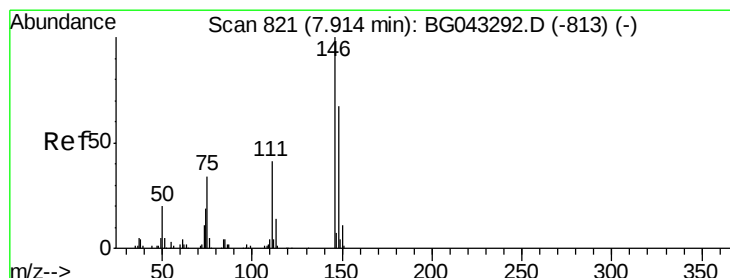
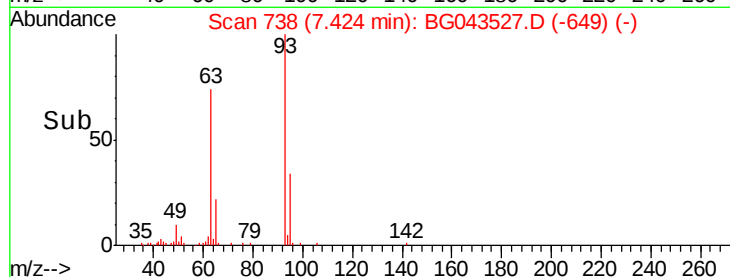
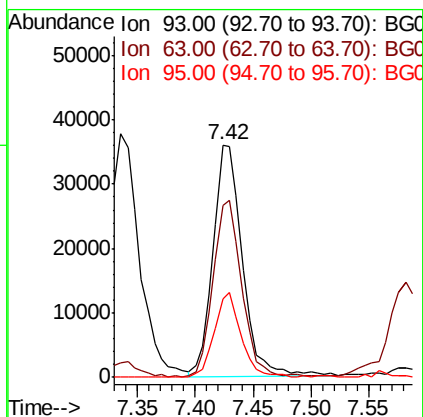
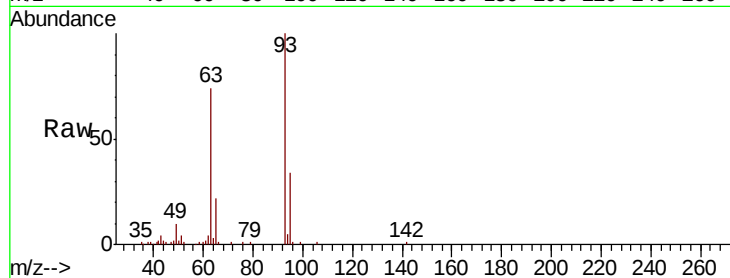




#11
 bis(2-Chloroethyl)ether
 Concen: 42.668 ng
 RT: 7.42 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

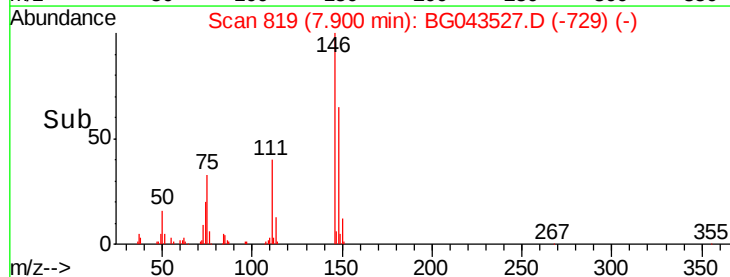
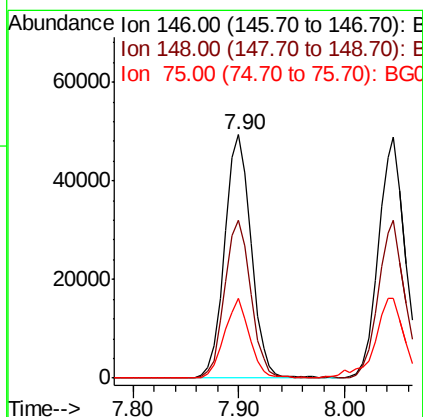
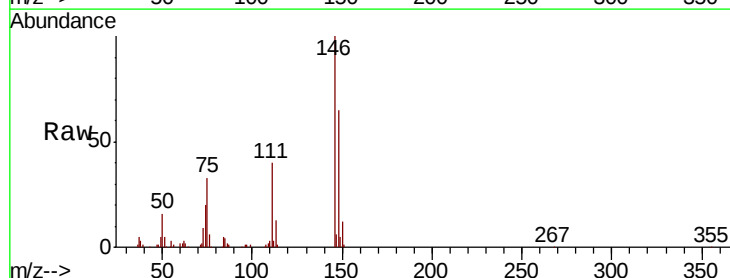
Instrument :
 BNA_G
 ClientSampleId :

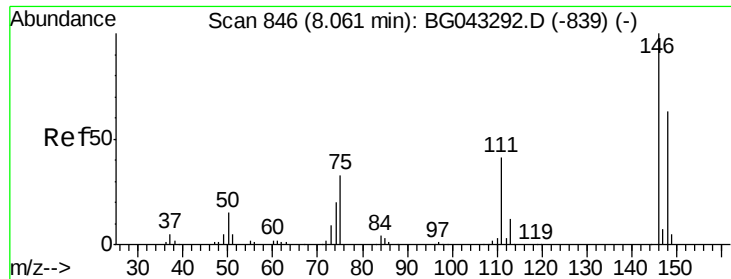
Tot Ion: 93 Resp: 62884
 Ion Ratio Lower Upper
 93 100
 63 73.8 56.3 96.3
 95 33.7 12.2 52.2



#12
 1,3-Dichlorobenzene
 Concen: 42.736 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion: 146 Resp: 85700
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.3 75.5
 75 32.6 24.6 37.0

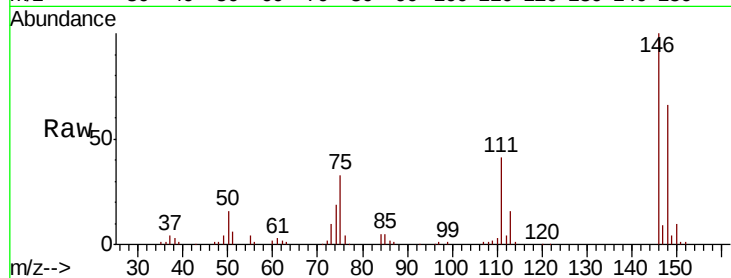




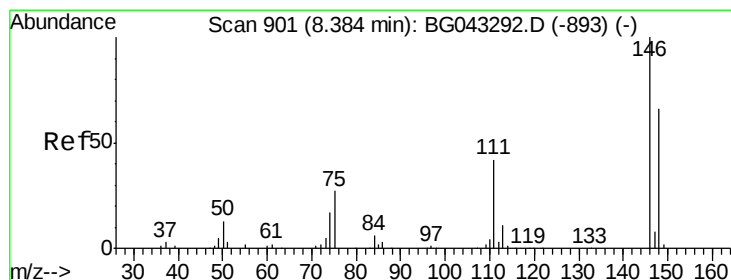
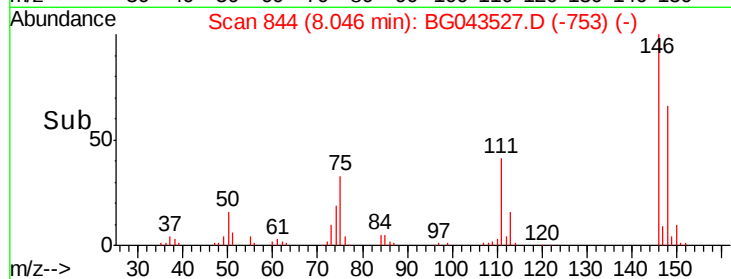
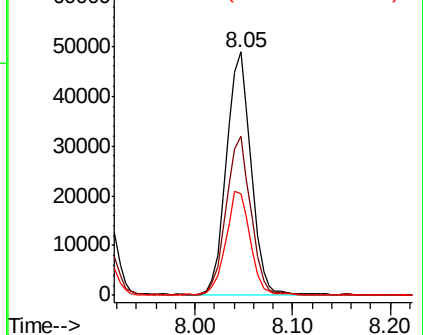
#13
 1,4-Dichlorobenzene
 Concen: 42.485 ng
 RT: 8.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 86199
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.7 76.1
 111 41.5 33.4 50.2

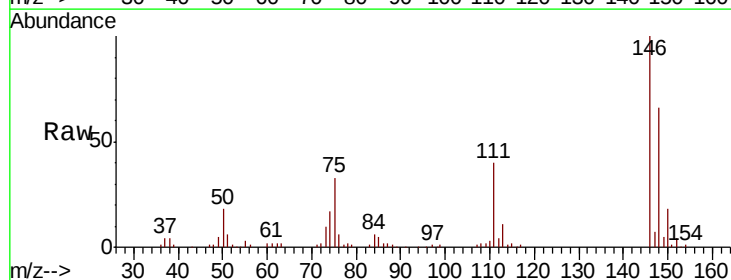


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

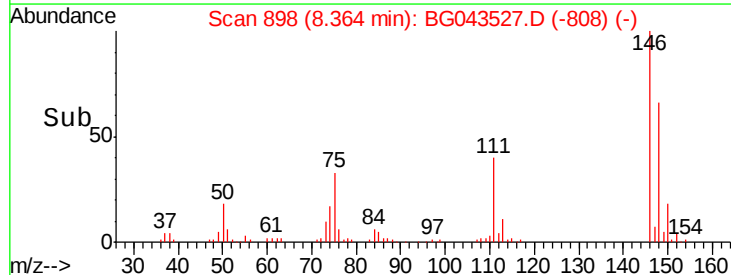
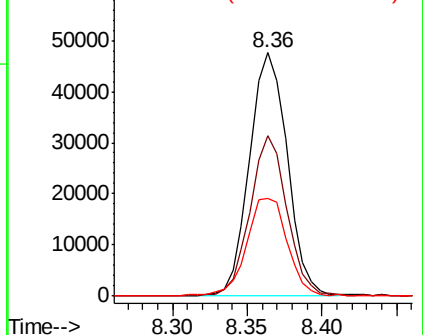


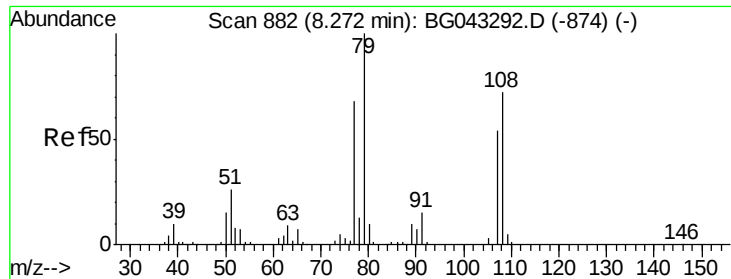
#14
 1,2-Dichlorobenzene
 Concen: 42.205 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion:146 Resp: 83609
 Ion Ratio Lower Upper
 146 100
 148 65.8 53.2 79.8
 111 39.9 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

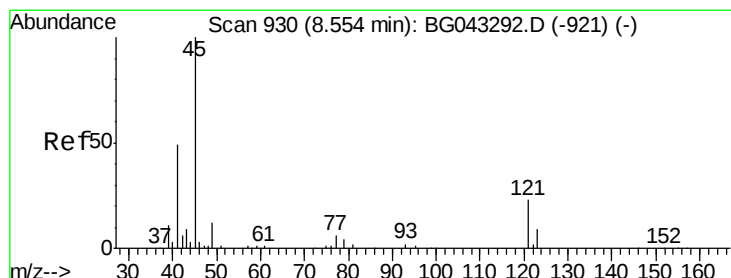
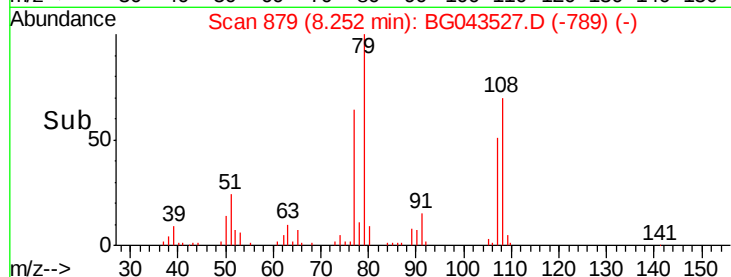
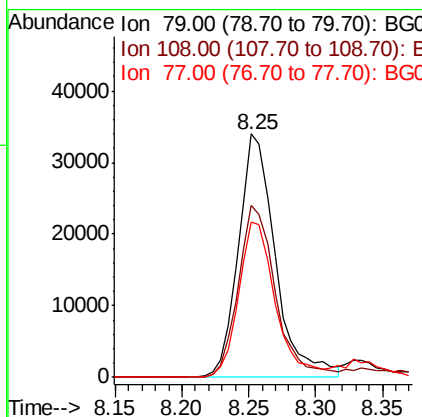
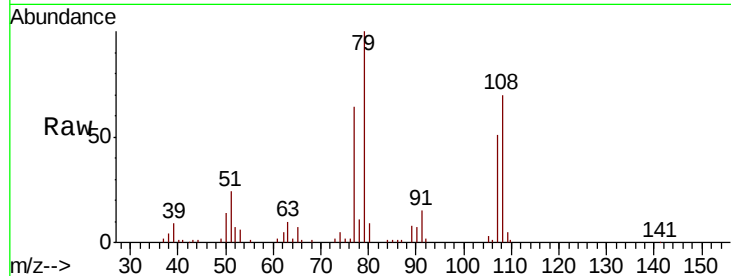




#15
Benzyl Alcohol
Concen: 44.532 ng
RT: 8.25 min Scan# 879
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

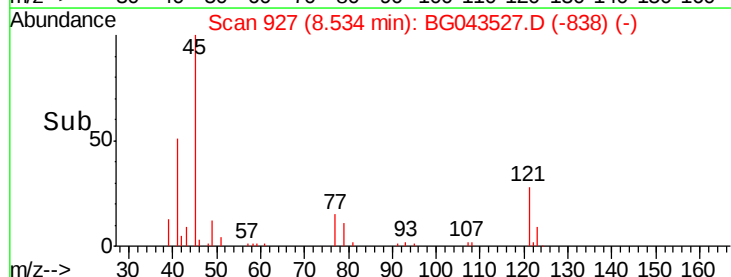
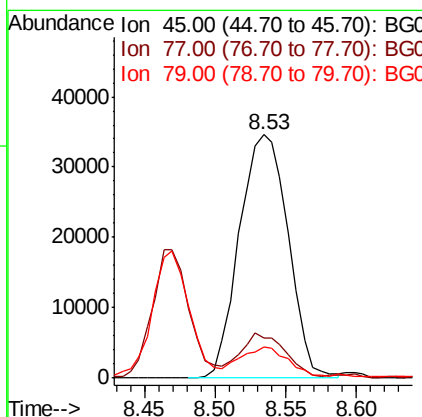
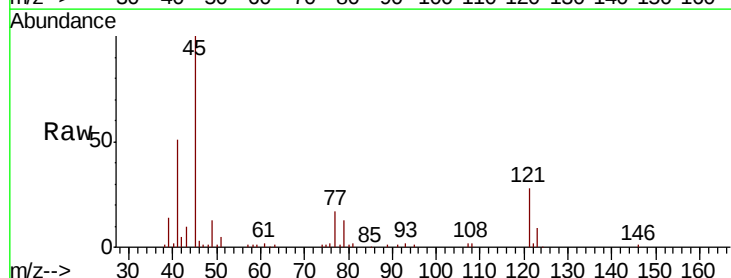
Instrument :
BNA_G
ClientSampleId :

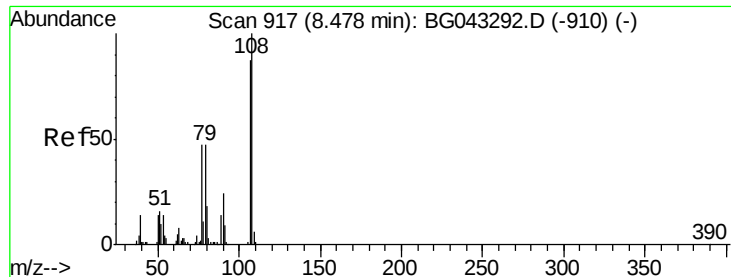
Tot Ion	Ratio	Lower	Upper
79	100		
108	70.4	53.6	80.4
77	63.9	49.6	74.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.055 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.6	0.0	34.9
79	12.6	0.0	33.0





#17

2-Methylphenol

Concen: 44.776 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 62224

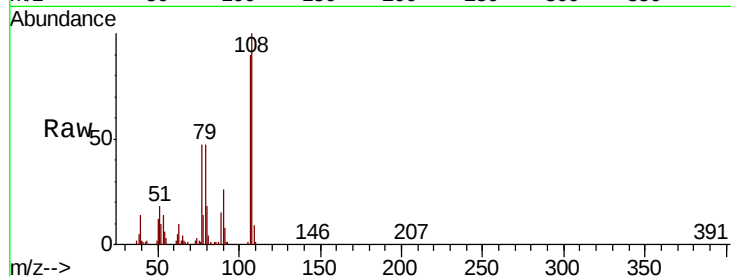
Ion Ratio Lower Upper

107 100

108 111.0 90.2 135.4

77 52.5 40.2 60.2

79 52.0 44.0 66.0

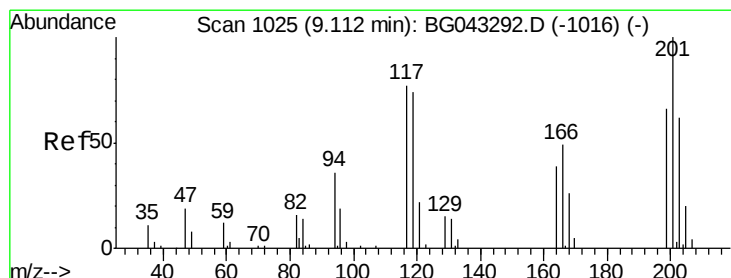
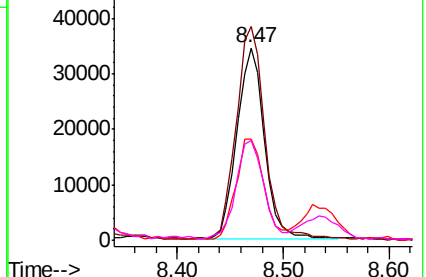
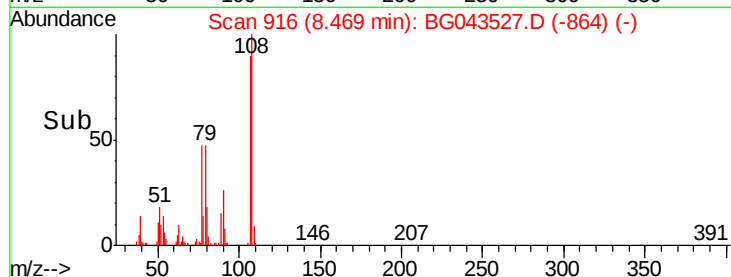


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.818 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

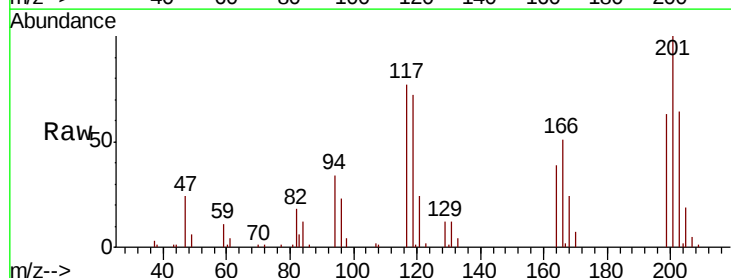
Tgt Ion:117 Resp: 31343

Ion Ratio Lower Upper

117 100

119 95.0 79.0 118.4

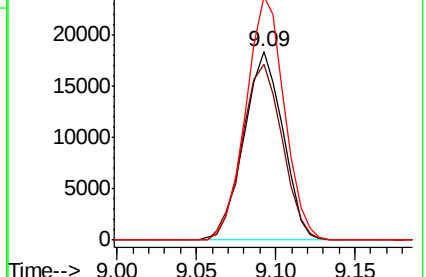
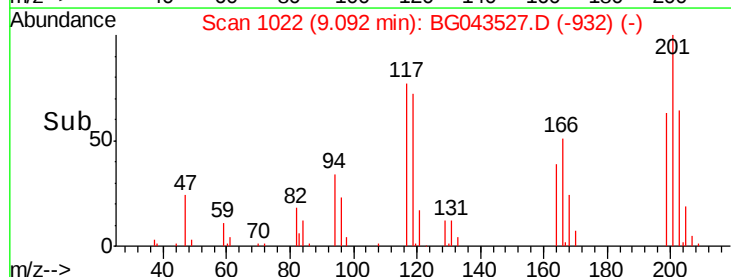
201 129.4 105.4 158.2

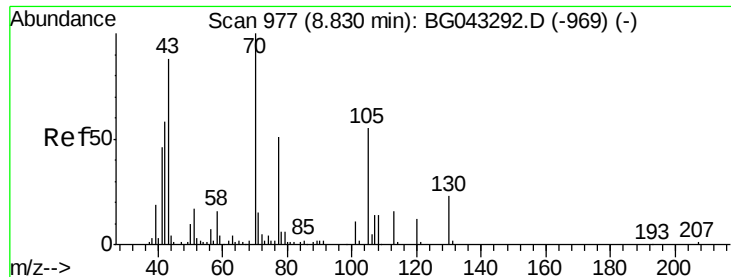


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

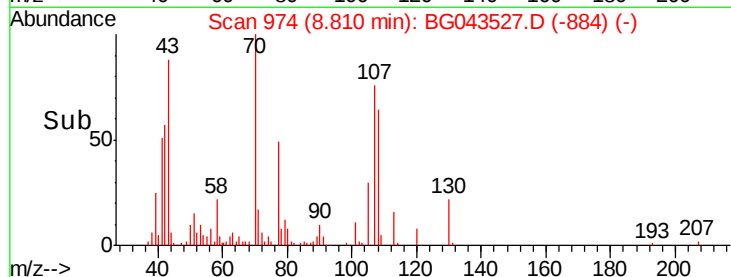
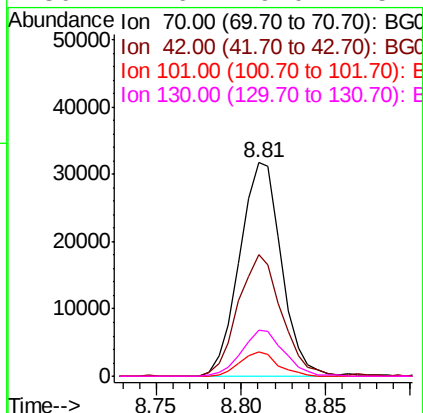
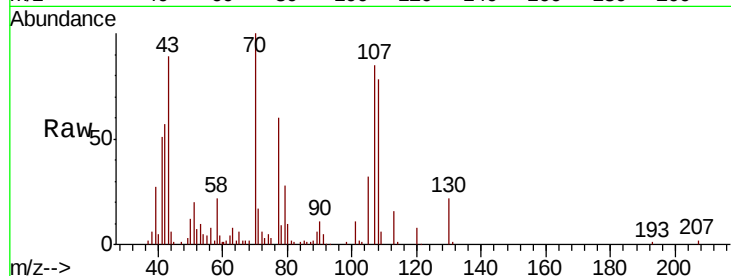




#19
n-Nitroso-di-n-propylamine
Concen: 40.530 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

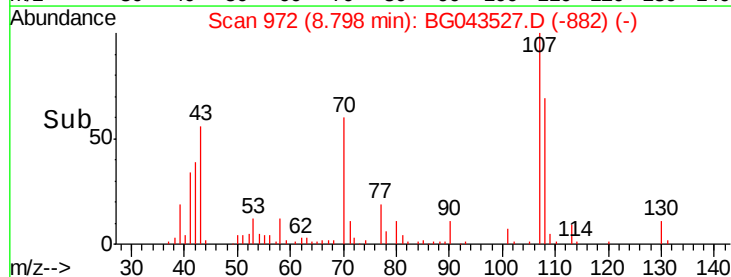
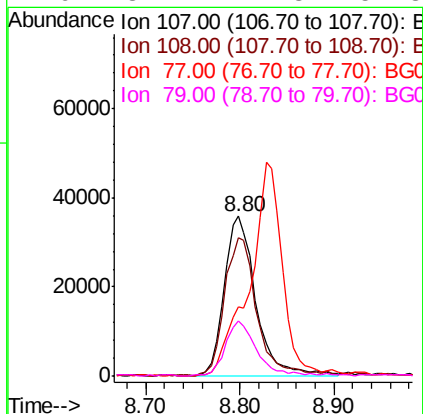
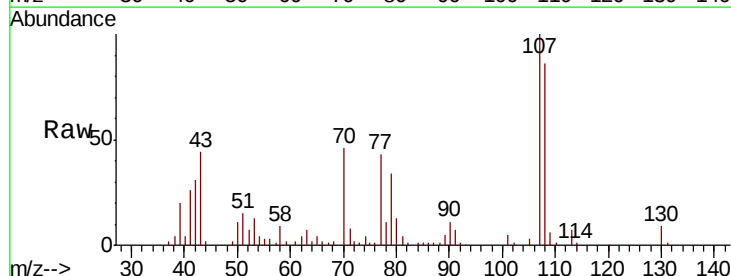
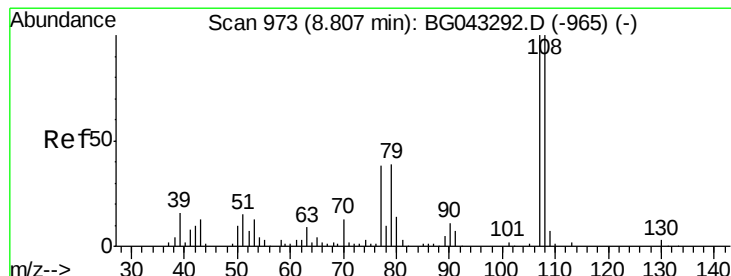
Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 54634
Ion Ratio Lower Upper
70 100
42 56.6 41.4 62.2
101 11.3 7.9 11.9
130 21.6 19.0 28.4



#20
3+4-Methylphenols
Concen: 43.954 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion: 107 Resp: 83758
Ion Ratio Lower Upper
107 100
108 86.3 66.6 106.6
77 43.2 20.9 60.9
79 34.2 11.3 51.3

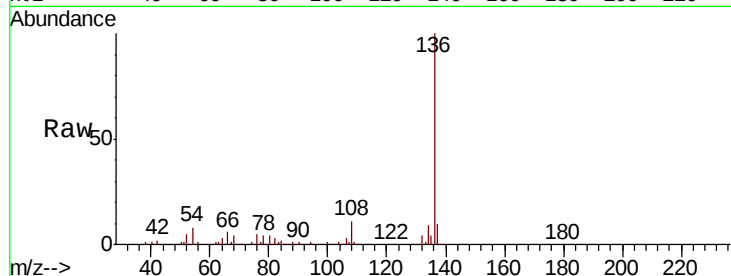




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	103393	
Ion Ratio	Lower	Upper	
136 100			
137 9.5	8.7	13.1	
54 7.9	5.4	8.2	
68 4.1	3.0	4.4	



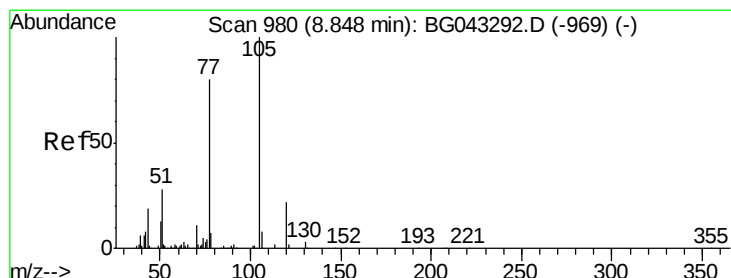
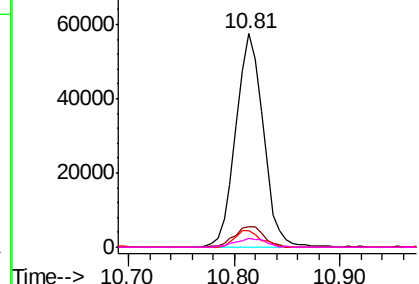
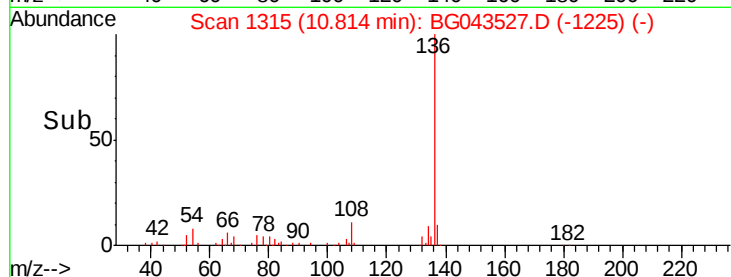
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

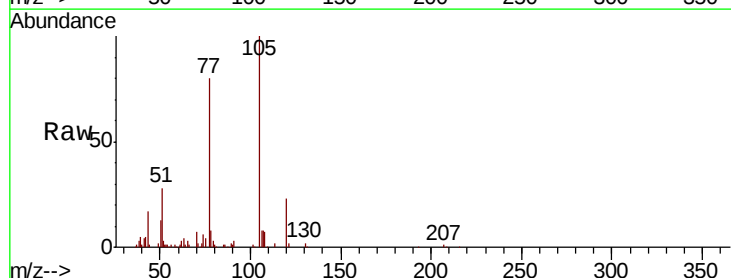
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.530 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt	Ion:105	Resp:	109964
Ion	Ratio	Lower	Upper
105	100		
71	1.6	0.8	1.2#
51	28.4	21.0	31.4
120	23.2	18.0	27.0



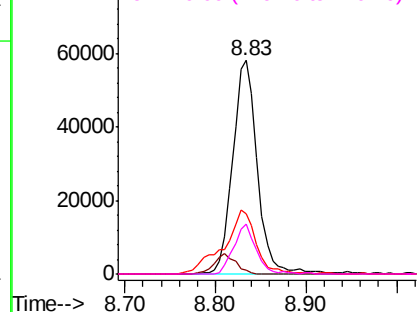
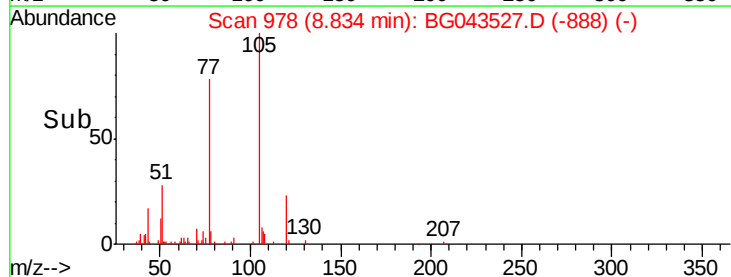
Abundance

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

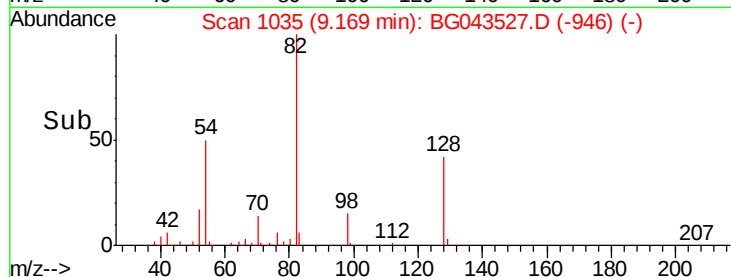
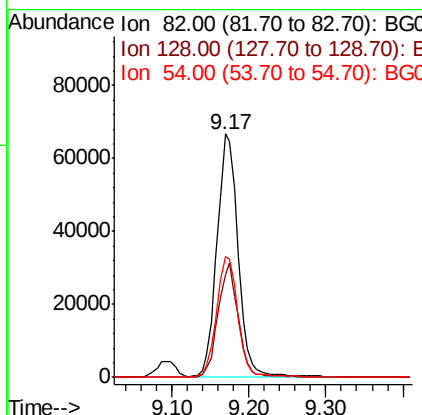
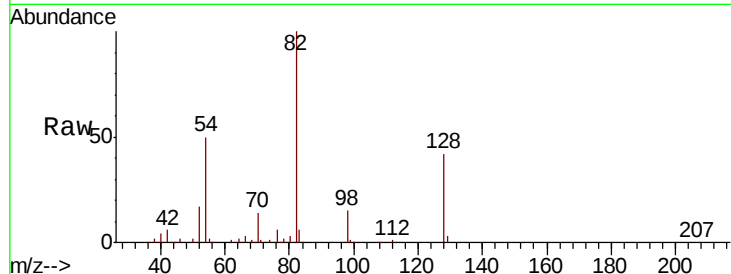




#23
Nitrobenzene-d5
Concen: 63.563 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

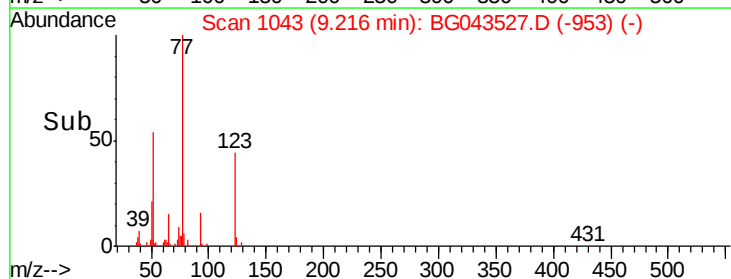
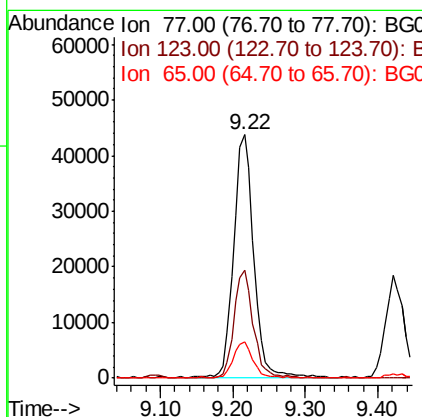
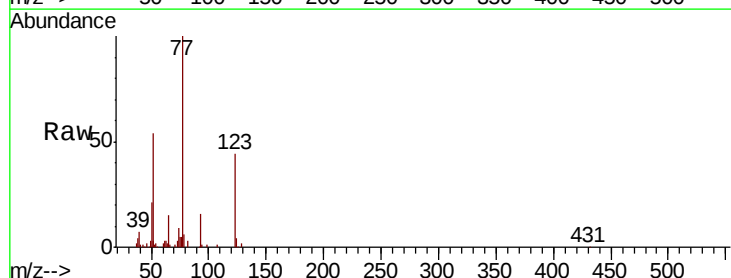
Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	127477
Ion Ratio	100	Lower	Upper
128	42.2	35.0	52.6
54	49.8	40.2	60.2



#24
Nitrobenzene
Concen: 44.465 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion	77	Resp	84949
Ion Ratio	100	Lower	Upper
123	44.2	35.0	52.6
65	14.7	9.5	14.3#





#25

Isophorone

Concen: 41.836 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

ClientSampleId :

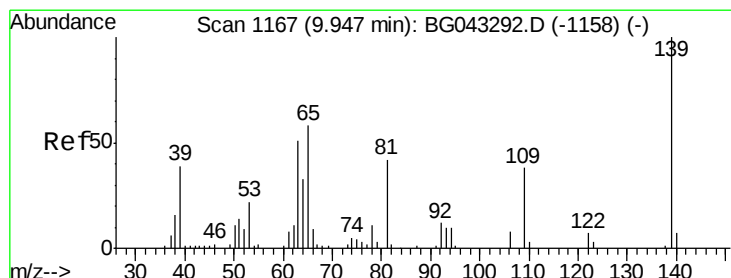
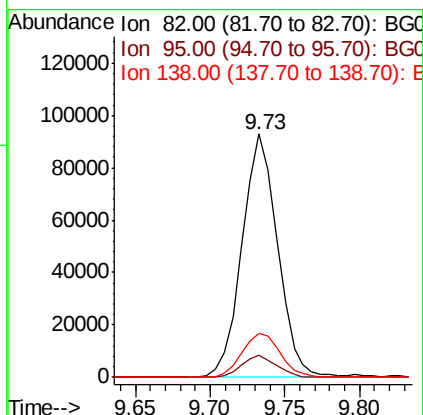
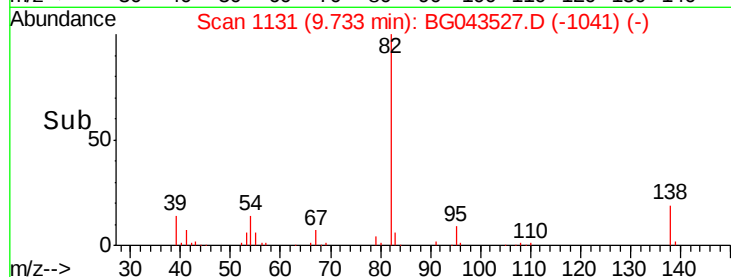
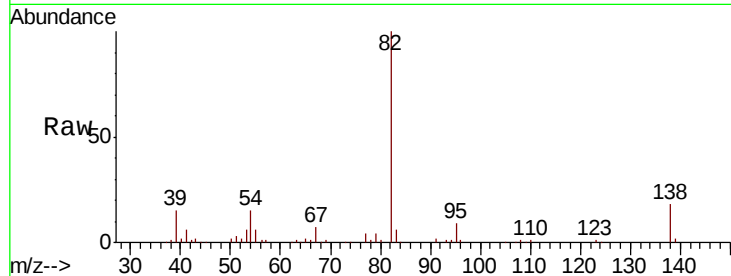
Tot Ion: 82 Resp: 153397

Ion Ratio Lower Upper

82 100

95 9.1 6.6 9.8

138 17.9 15.2 22.8



#26

2-Nitrophenol

Concen: 47.083 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

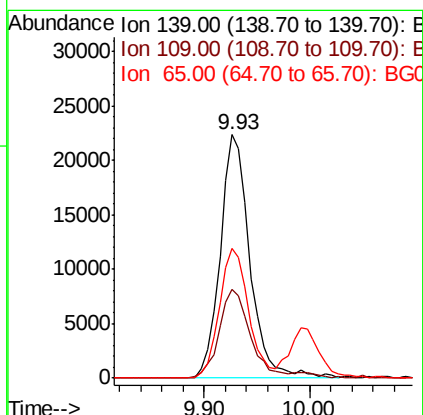
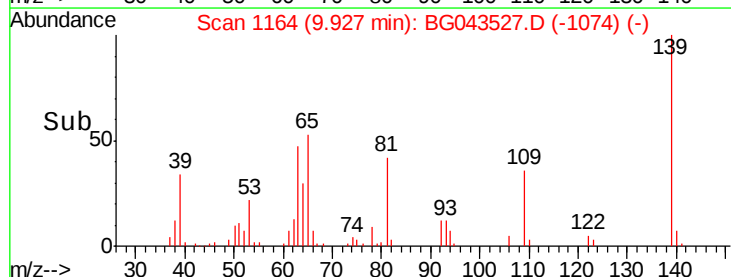
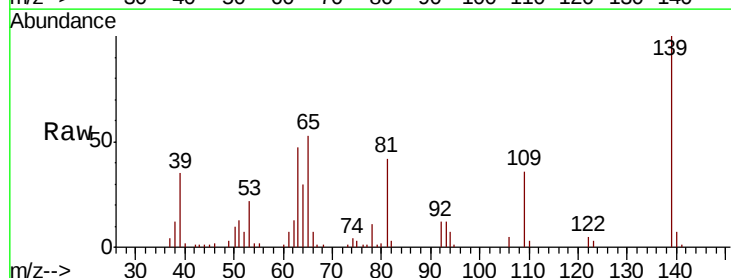
Tgt Ion: 139 Resp: 43427

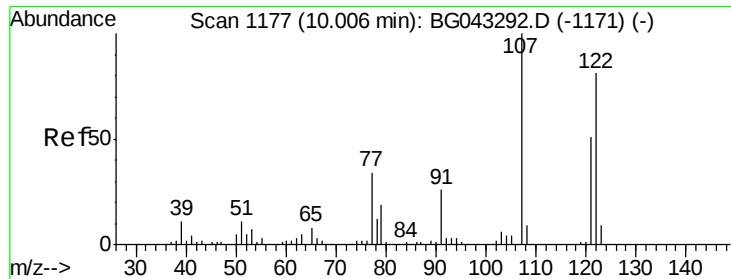
Ion Ratio Lower Upper

139 100

109 36.4 26.5 39.7

65 53.3 43.8 65.8

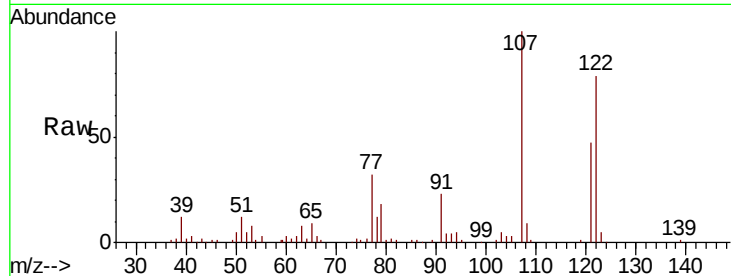




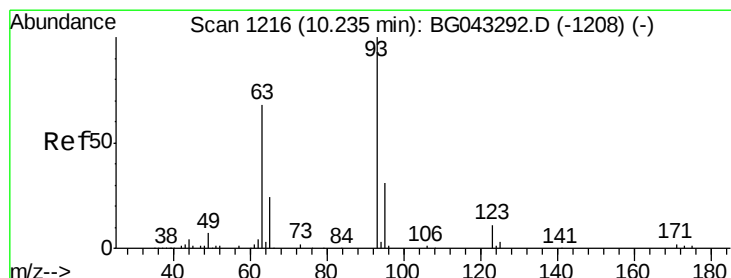
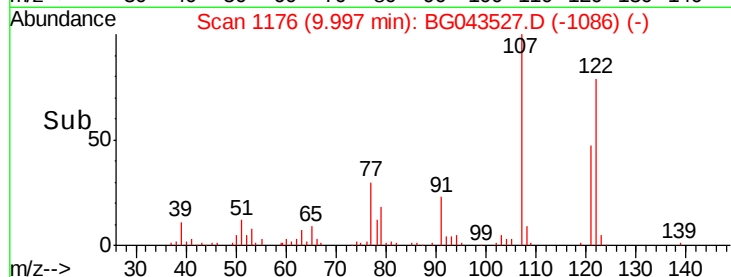
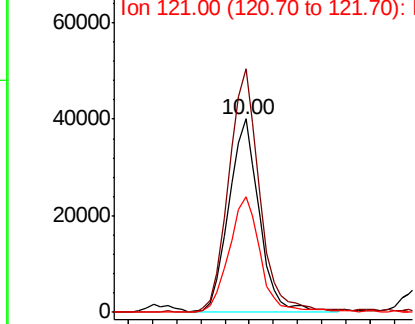
#27
2,4-Dimethylphenol
Concen: 53.426 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 70627
Ion Ratio Lower Upper
122 100
107 126.0 104.4 156.6
121 59.8 47.2 70.8

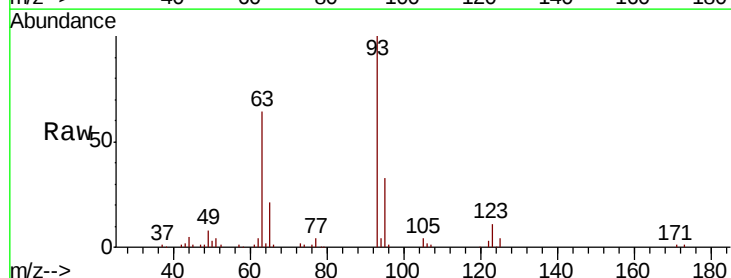


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

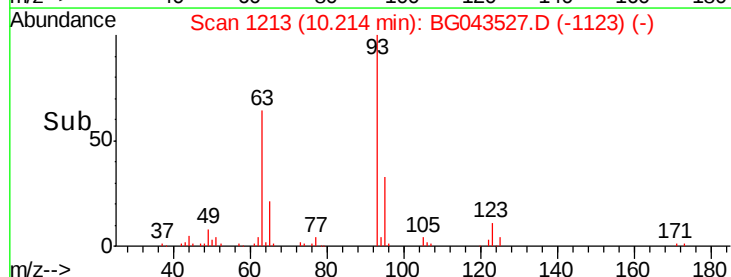
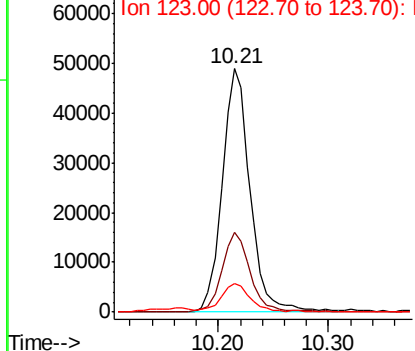


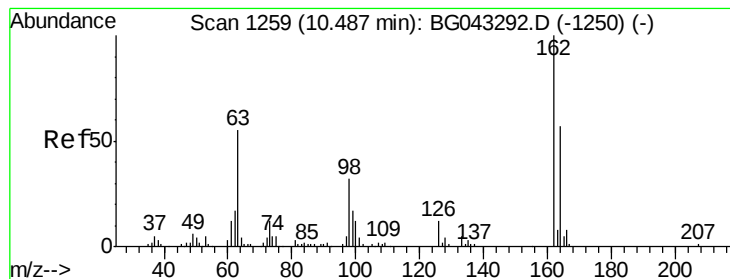
#28
bis(2-Chloroethoxy)methane
Concen: 42.540 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion: 93 Resp: 86086
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 11.5 10.6 15.8



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





#29

2,4-Dichlorophenol

Concen: 45.555 ng

RT: 10.48 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

ClientSampleId :

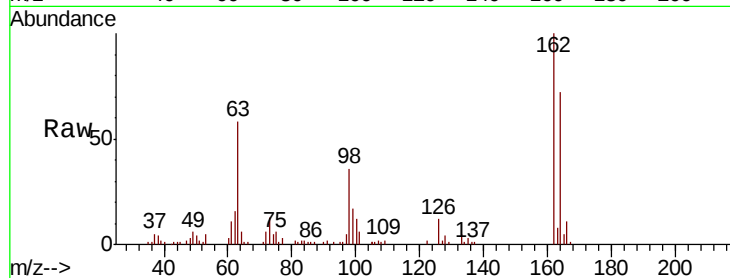
Tot Ion:162 Resp: 77161

Ion Ratio Lower Upper

162 100

164 71.5 48.9 88.9

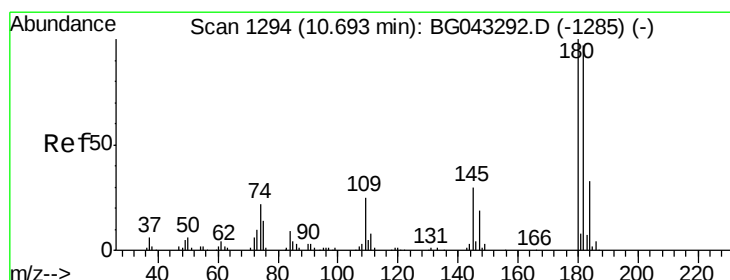
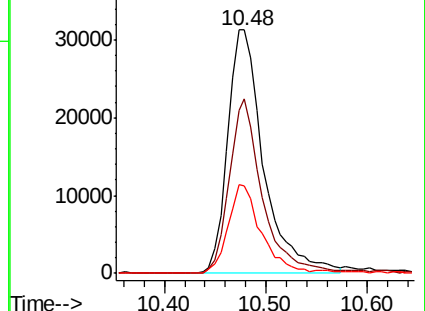
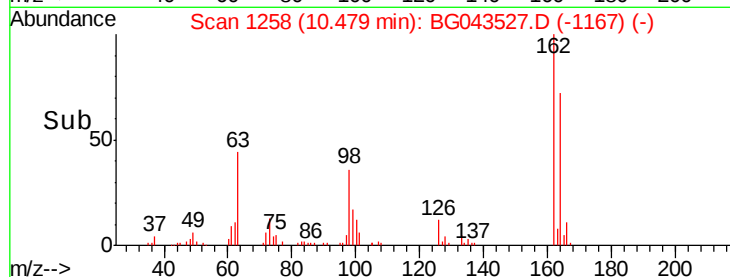
98 36.0 15.1 55.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 42.431 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

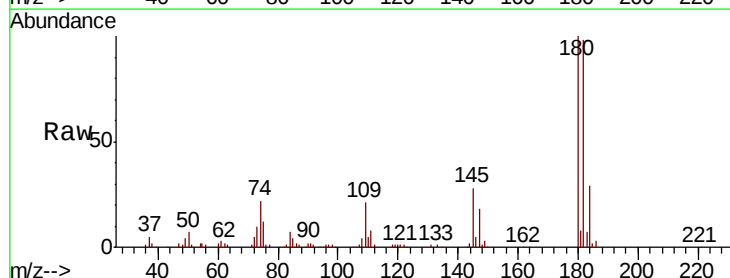
Tgt Ion:180 Resp: 90582

Ion Ratio Lower Upper

180 100

182 97.7 75.1 112.7

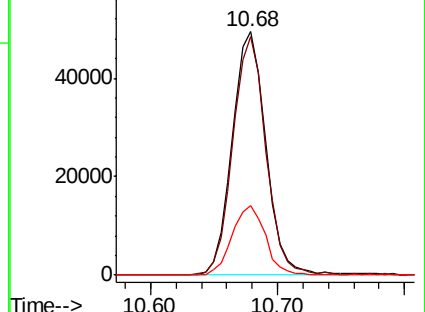
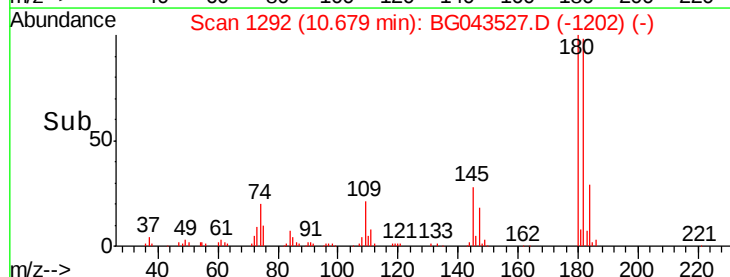
145 28.3 23.9 35.9



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

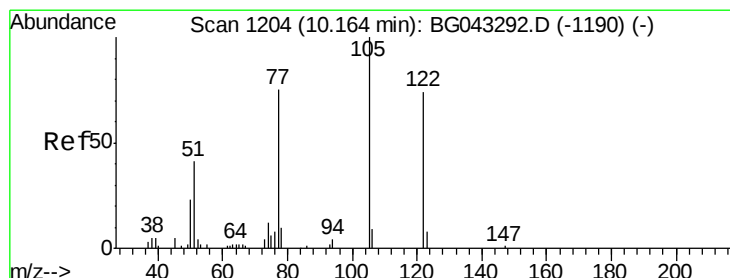
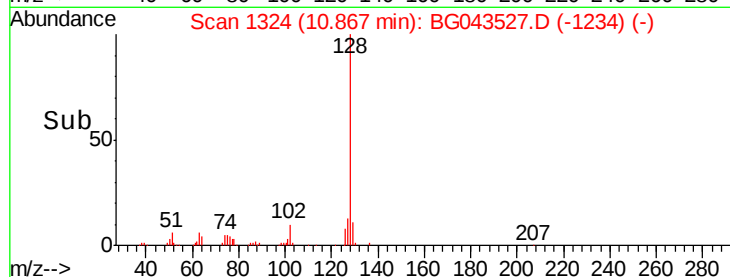
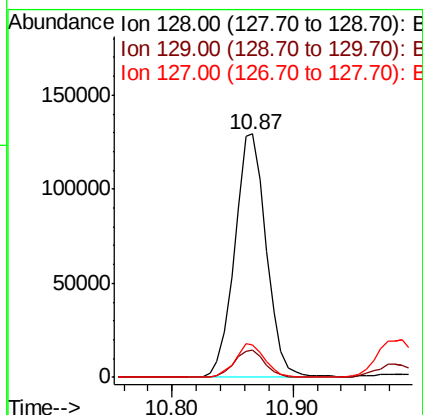
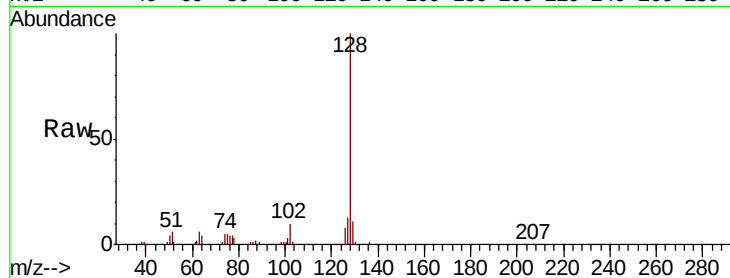




#31
Naphthalene
Concen: 44.908 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

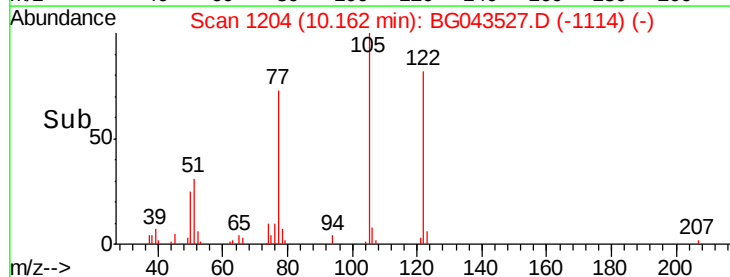
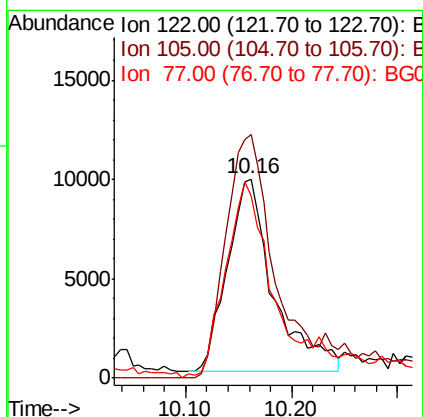
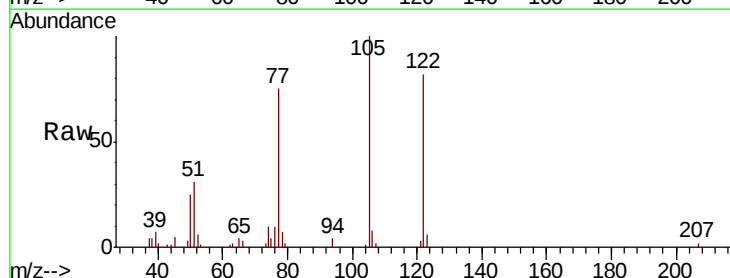
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 235686
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.4 11.1 16.7



#32
Benzoic acid
Concen: 32.604 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion:122 Resp: 29300
Ion Ratio Lower Upper
122 100
105 122.2 103.3 143.3
77 91.4 84.9 124.9

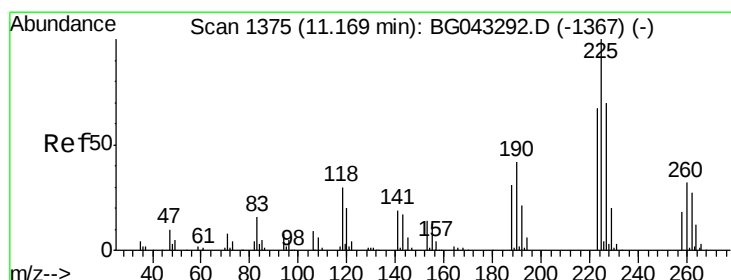
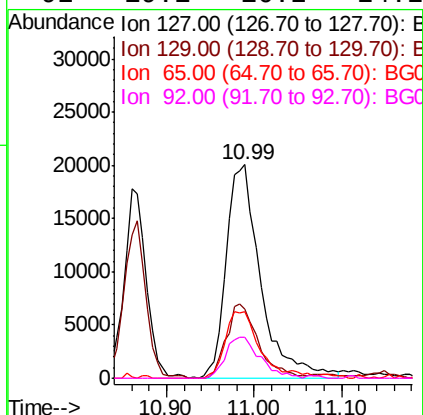
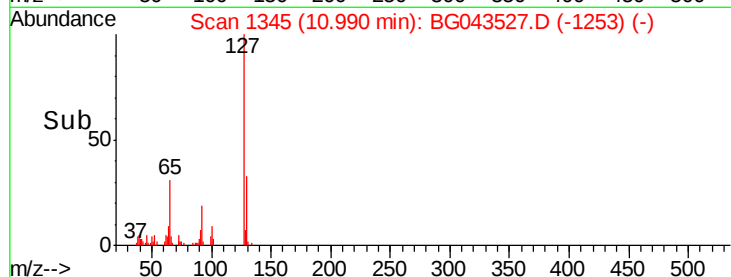
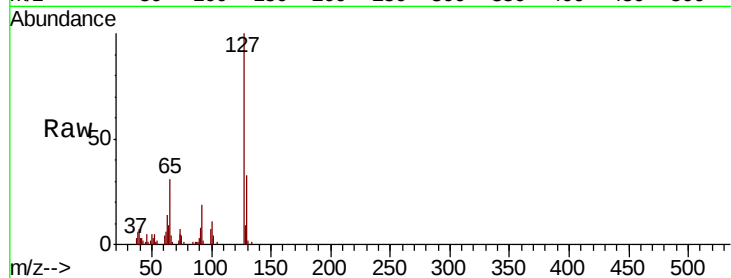




#33
4-Chloroaniline
Concen: 25.198 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

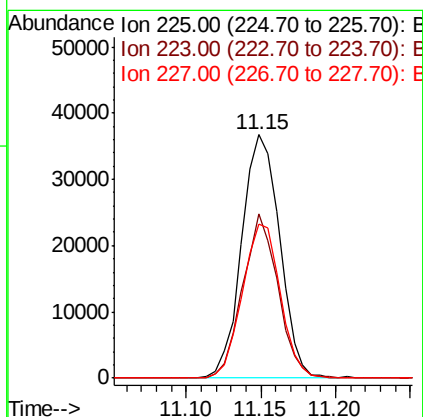
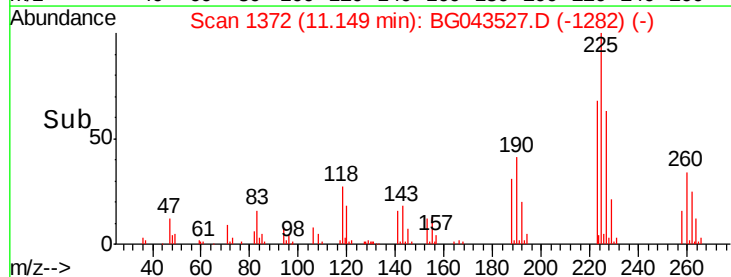
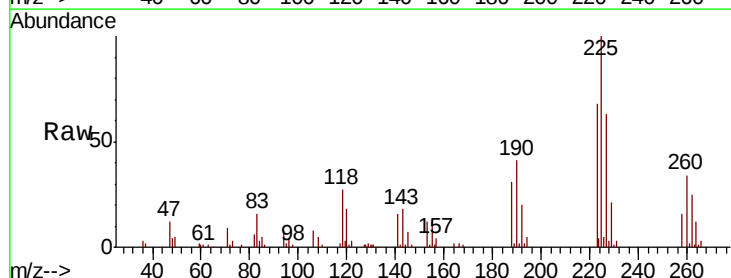
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	54208
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.5	39.7
65	31.0	26.4	39.6
92	19.1	16.2	24.2



#34
Hexachlorobutadiene
Concen: 40.956 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion:	225	Resp:	64632
Ion	Ratio	Lower	Upper
225	100		
223	67.6	52.7	79.1
227	63.2	54.8	82.2

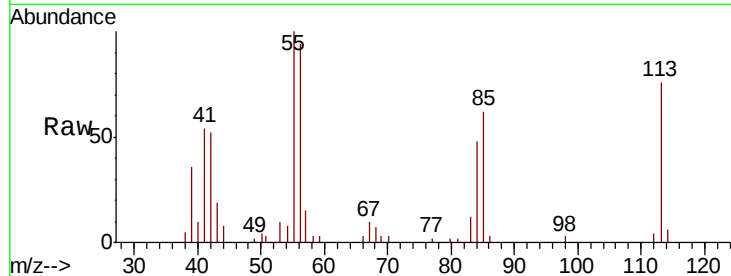




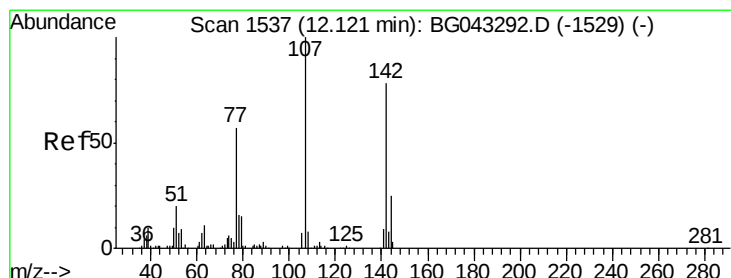
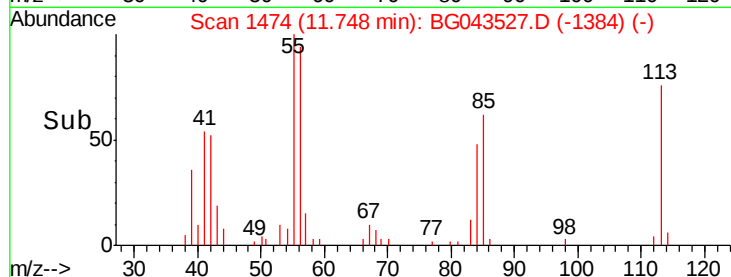
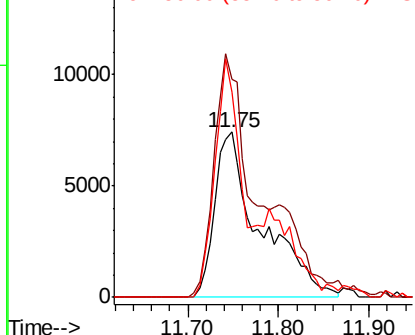
#35
 Caprolactam
 Concen: 44.296 ng
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 25840
 Ion Ratio Lower Upper
 113 100
 55 131.9 134.1 174.1#
 56 124.0 100.4 140.4

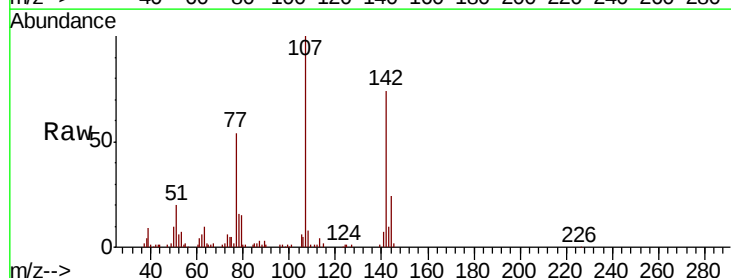


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

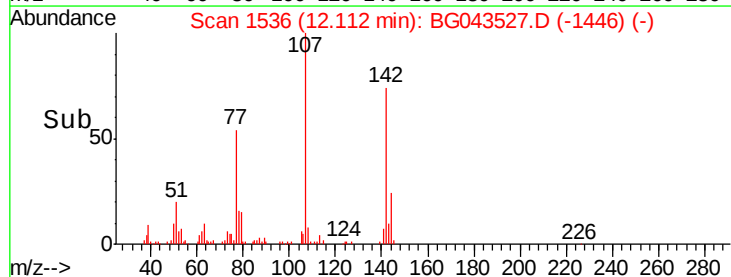
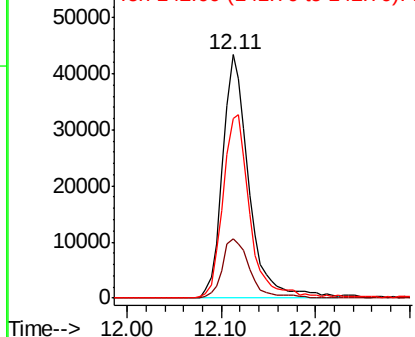


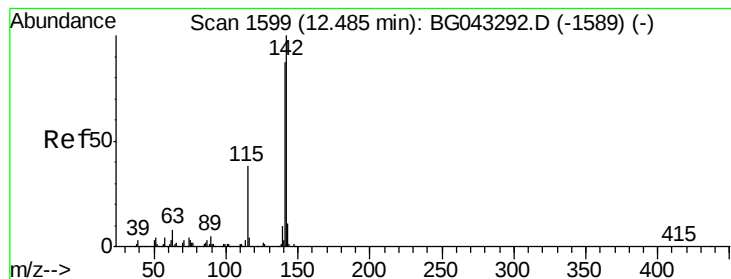
#36
 4-Chloro-3-methylphenol
 Concen: 45.852 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion:107 Resp: 84716
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.9 31.3
 142 73.9 59.6 89.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.500 ng

RT: 12.47 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

ClientSampleId :

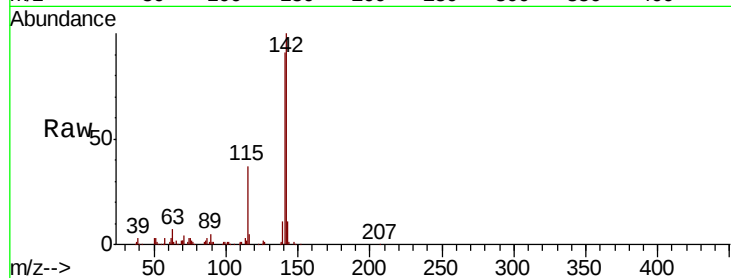
Tot Ion:142 Resp: 179195

Ion Ratio Lower Upper

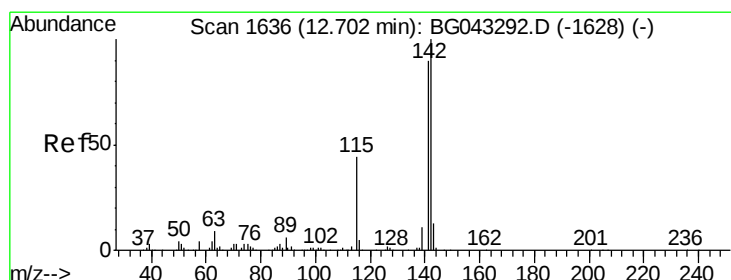
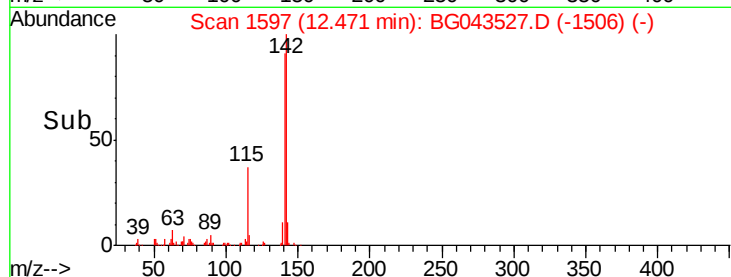
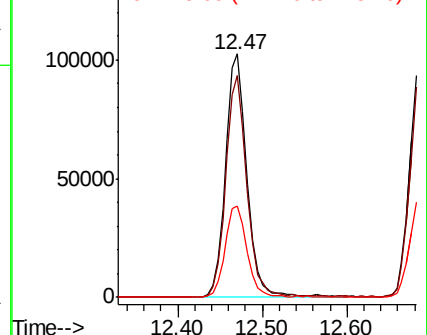
142 100

141 91.3 72.2 108.2

115 37.4 33.2 49.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.188 ng

RT: 12.69 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

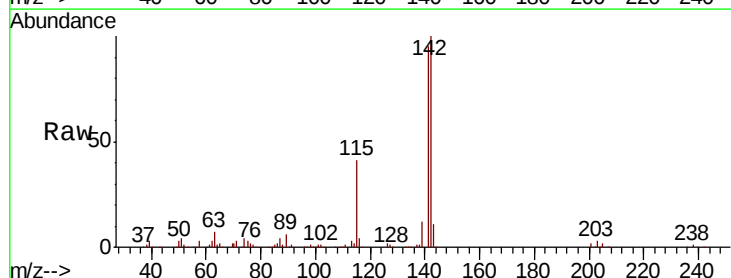
Tgt Ion:142 Resp: 169303

Ion Ratio Lower Upper

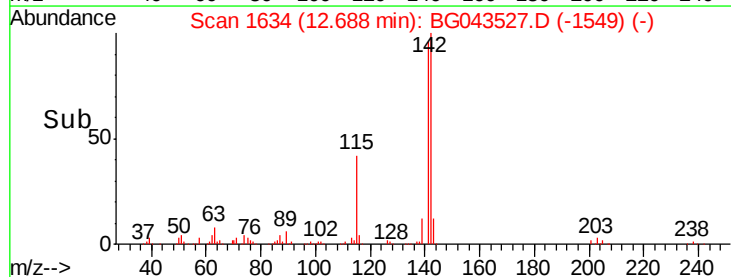
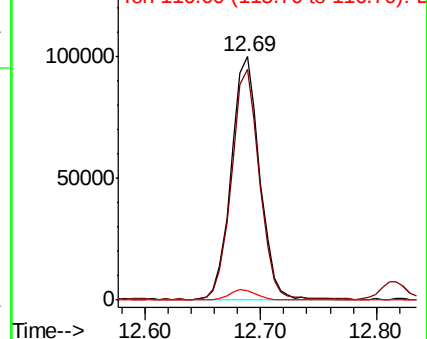
142 100

141 94.8 73.2 109.8

116 3.8 3.6 5.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

ClientSampleId :

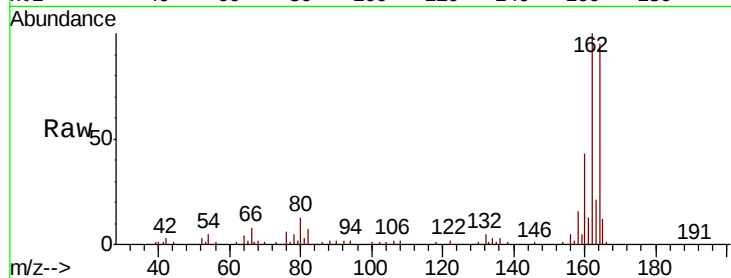
Tot Ion:164 Resp: 73514

Ion Ratio Lower Upper

164 100

162 105.3 83.5 125.3

160 45.7 36.5 54.7

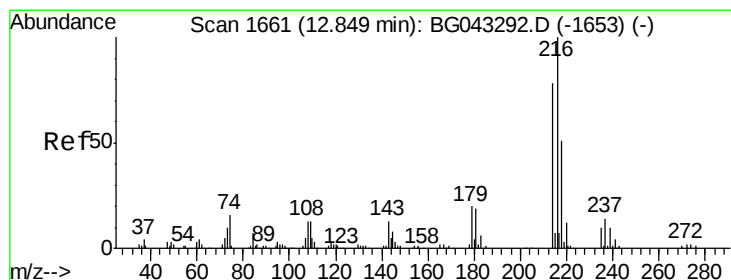
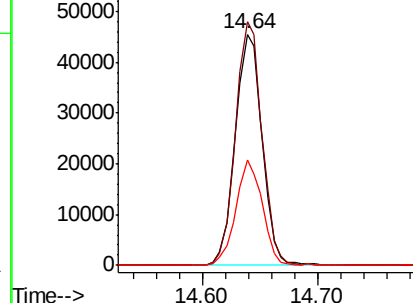
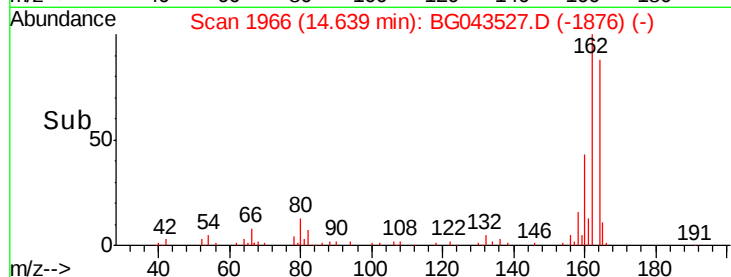


Abundance

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: 40.919 ng

RT: 12.83 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Tgt Ion:216 Resp: 111327

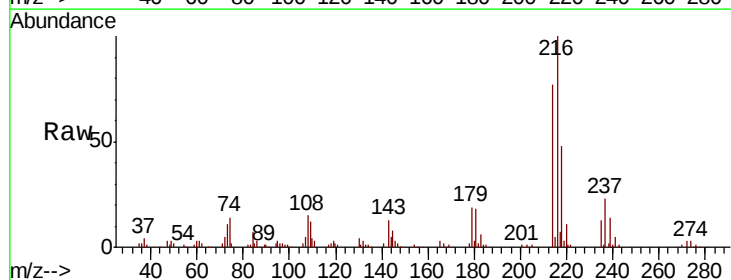
Ion Ratio Lower Upper

216 100

214 78.1 61.7 92.5

179 19.9 15.8 23.8

108 15.7 11.5 17.3



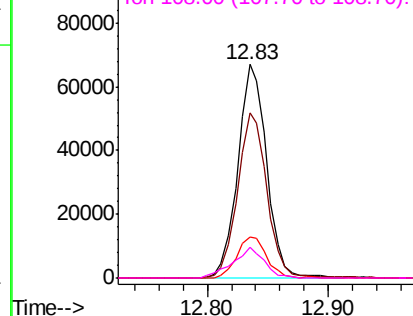
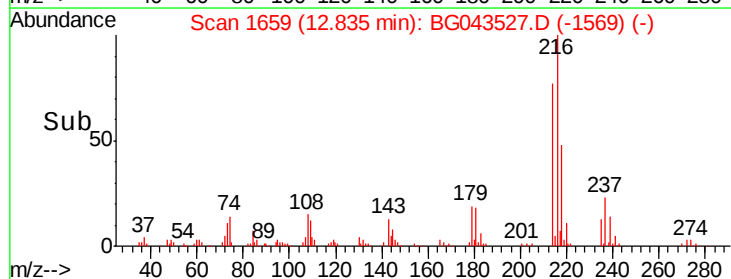
Abundance

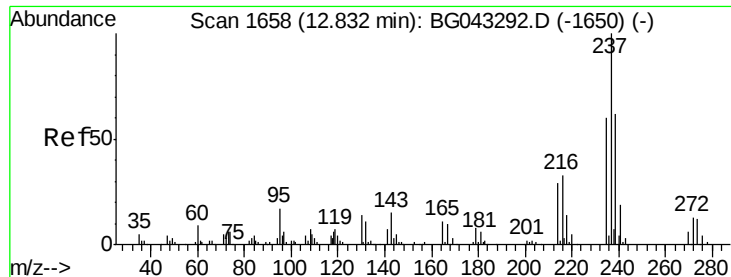
Ion 216.00 (215.70 to 216.70): E

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: 83.943 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

ClientSampleId :

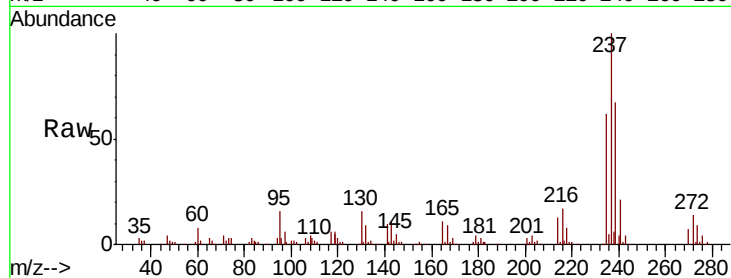
Tot Ion:237 Resp: 119969

Ion Ratio Lower Upper

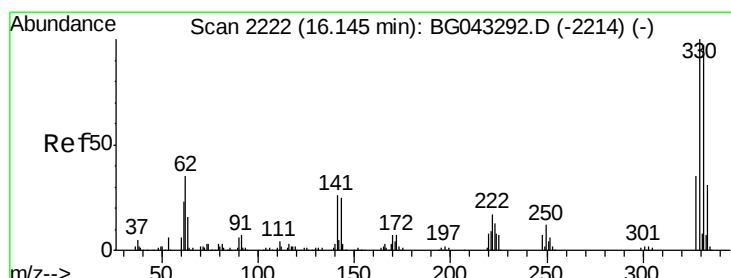
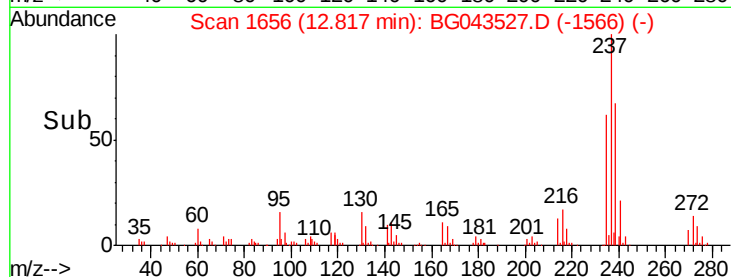
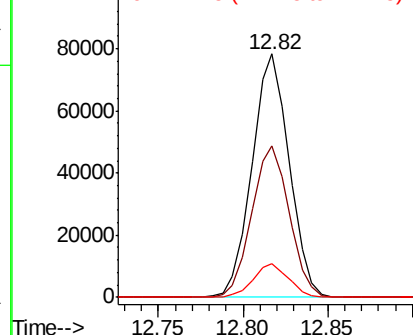
237 100

235 62.1 41.6 81.6

272 13.7 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: 113.260 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

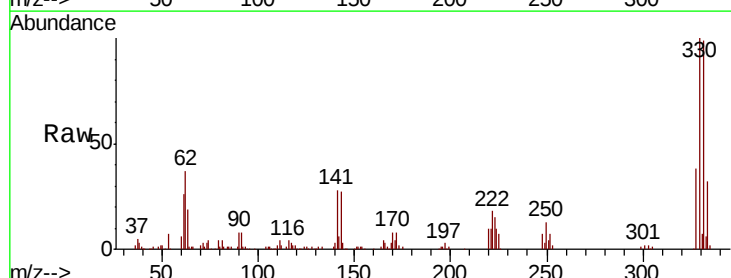
Tgt Ion:330 Resp: 158448

Ion Ratio Lower Upper

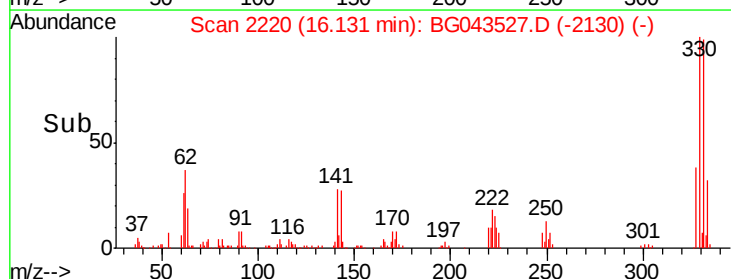
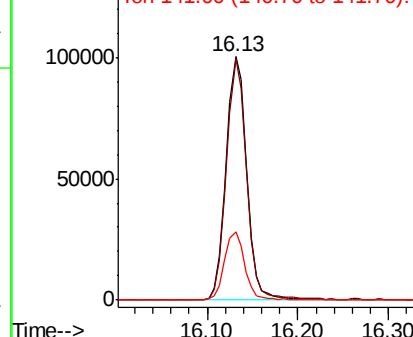
330 100

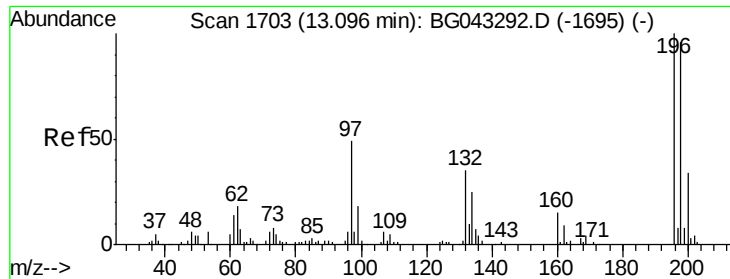
332 96.8 77.4 116.0

141 27.1 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

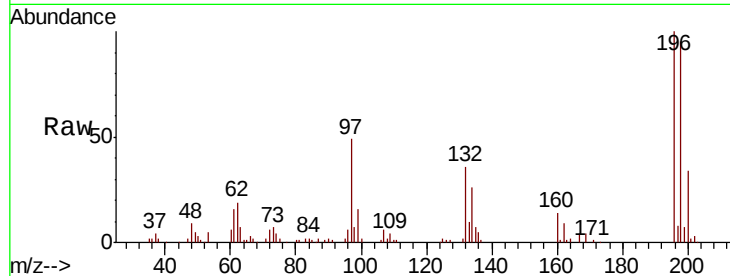




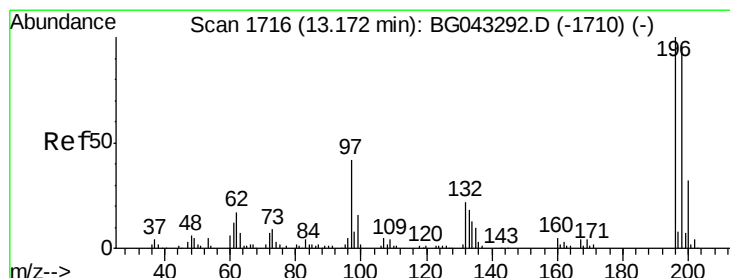
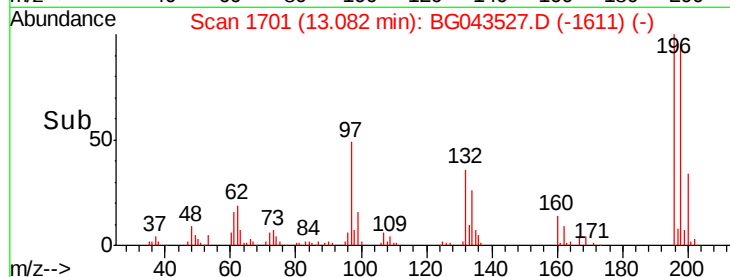
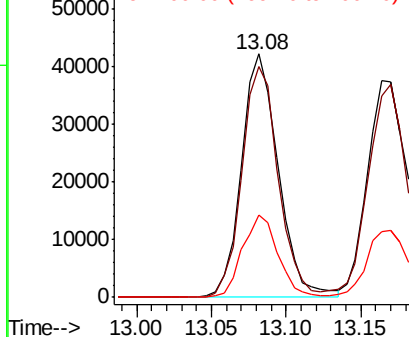
#43
 2,4,6-Trichlorophenol
 Concen: 44.963 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 72040
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.8 113.6
 200 33.6 23.9 35.9

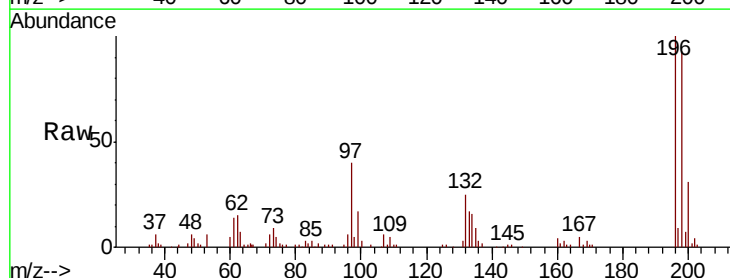


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

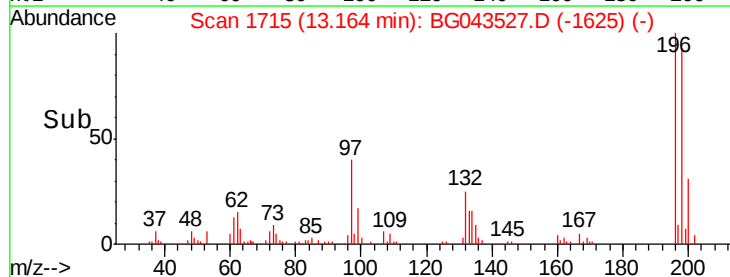
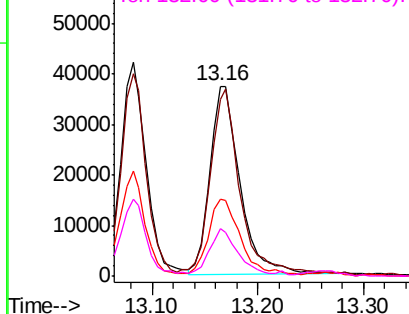


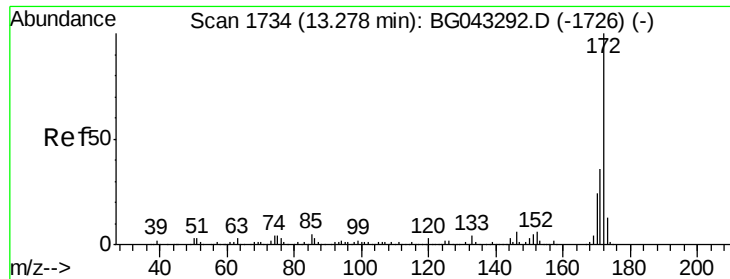
#44
 2,4,5-Trichlorophenol
 Concen: 45.815 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion:196 Resp: 74211
 Ion Ratio Lower Upper
 196 100
 198 93.0 74.5 111.7
 97 40.2 36.3 54.5
 132 24.8 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

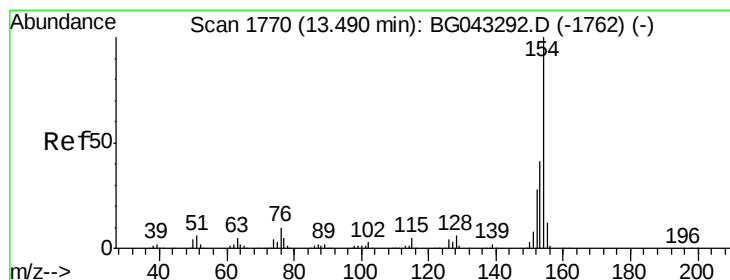
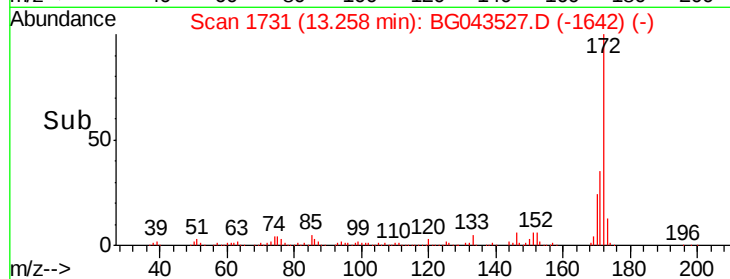
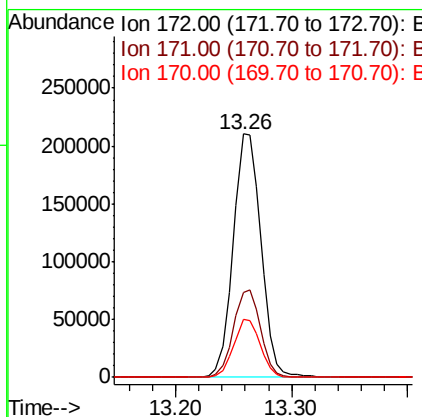
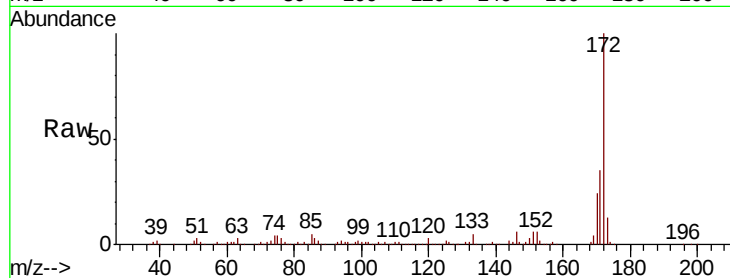




#45
2-Fluorobiphenyl
Concen: 65.725 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

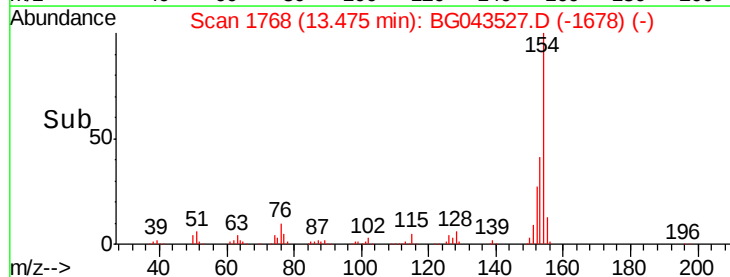
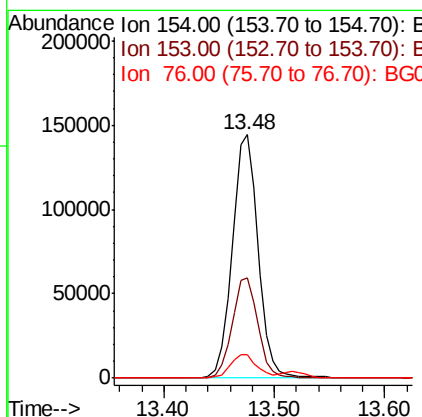
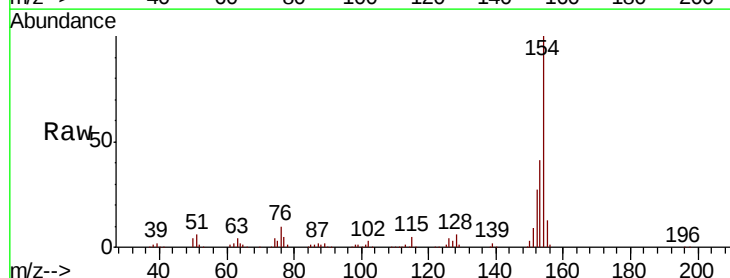
Instrument :
BNA_G
ClientSampleId :

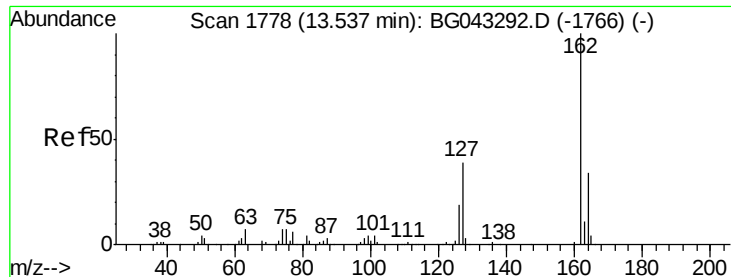
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.9	43.3
170	23.7	18.5	27.7



#46
1,1'-Biphenyl
Concen: 42.398 ng
RT: 13.48 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	19.9	59.9
76	9.7	0.0	29.4

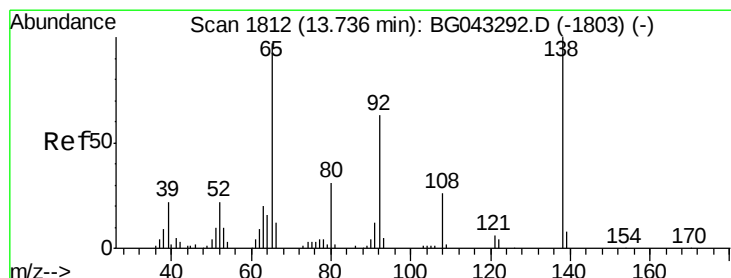
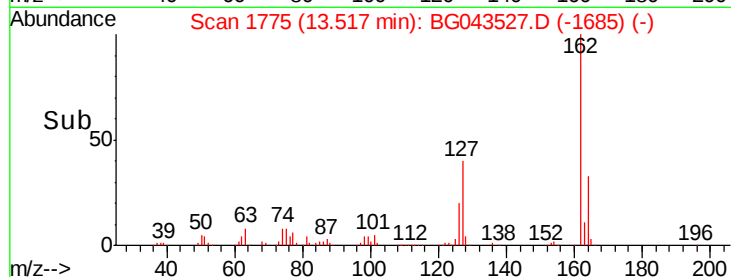
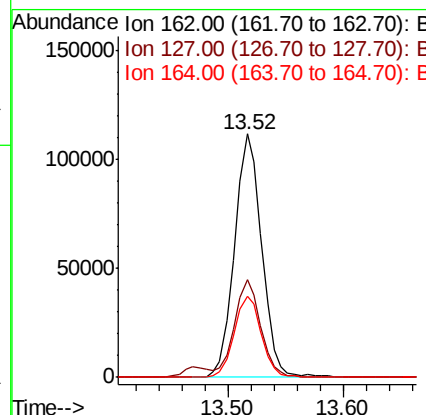
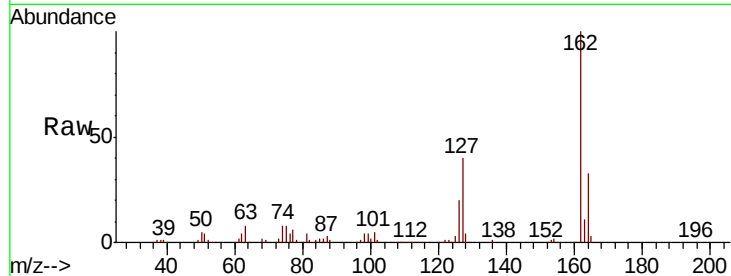




#47
 2-Chloronaphthalene
 Concen: 42.744 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

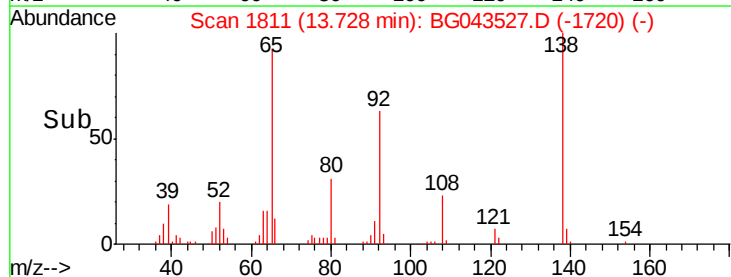
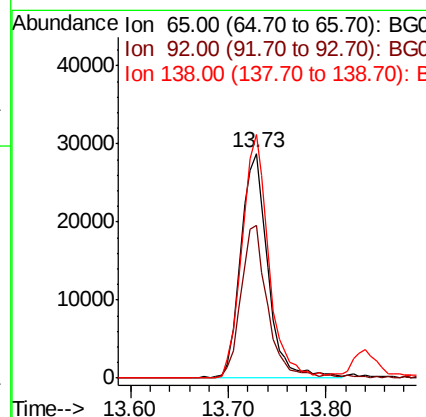
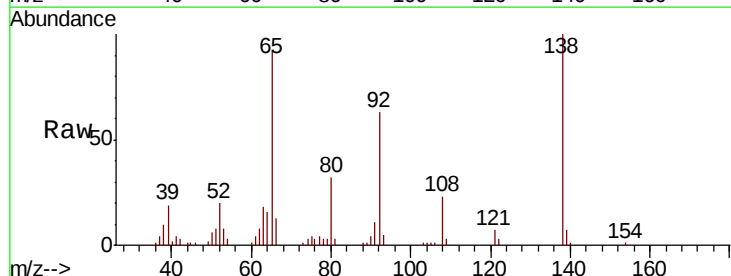
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	162	Resp	181883
Ion Ratio	Lower	Upper	
162	100		
127	39.9	31.2	46.8
164	33.3	25.8	38.8



#48
 2-Nitroaniline
 Concen: 43.622 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion	65	Resp	55478
Ion Ratio	Lower	Upper	
65	100		
92	68.0	56.2	84.2
138	108.4	82.6	123.8





#49

Acenaphthylene

Concen: 45.125 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

ClientSampleId :

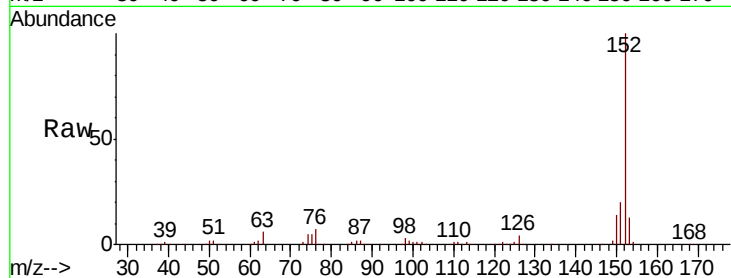
Tot Ion:152 Resp: 298847

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

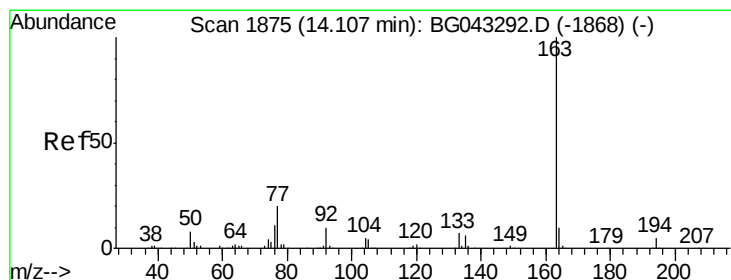
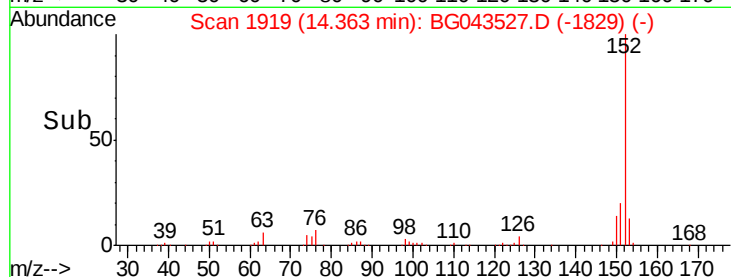
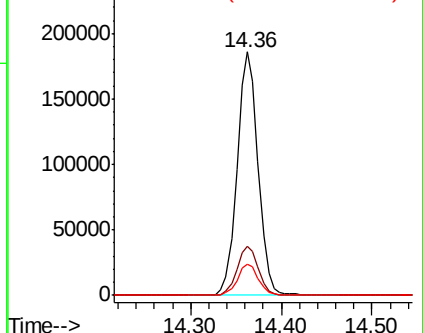
153 13.0 10.6 15.8



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: 42.675 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

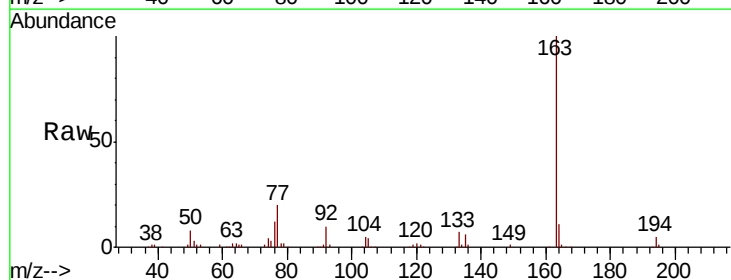
Tgt Ion:163 Resp: 243000

Ion Ratio Lower Upper

163 100

194 5.1 3.8 5.6

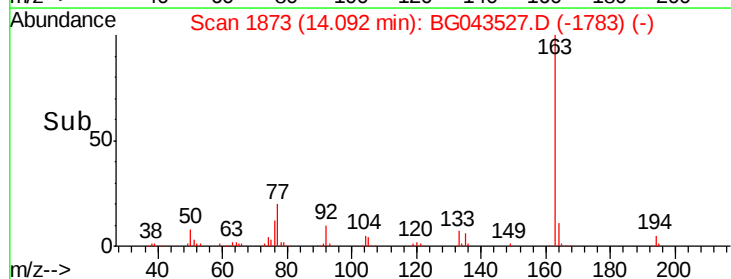
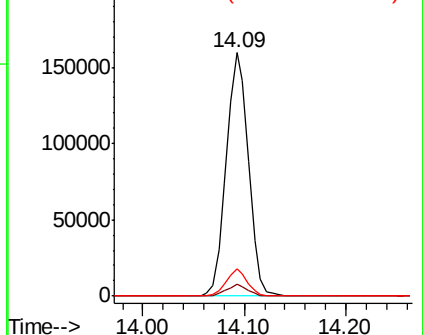
164 11.4 8.9 13.3



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

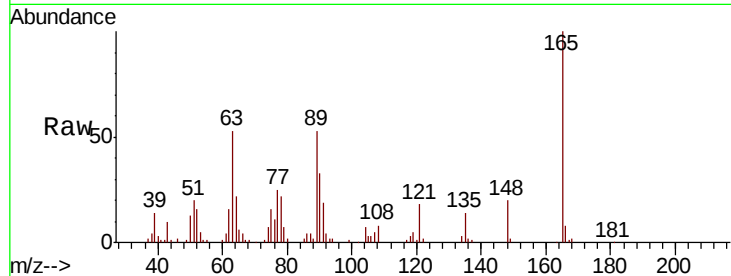




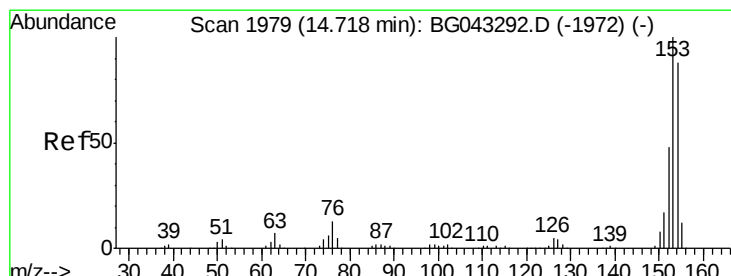
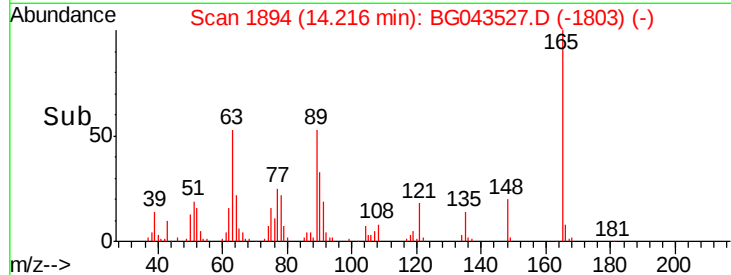
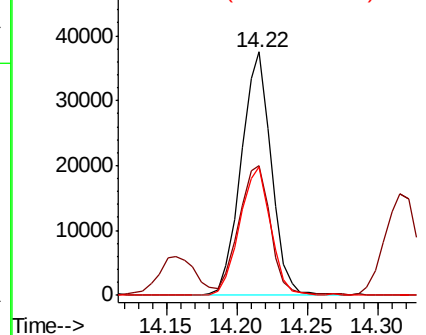
#51
 2,6-Dinitrotoluene
 Concen: 45.112 ng
 RT: 14.22 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.3	46.6	69.8
89	52.8	45.1	67.7

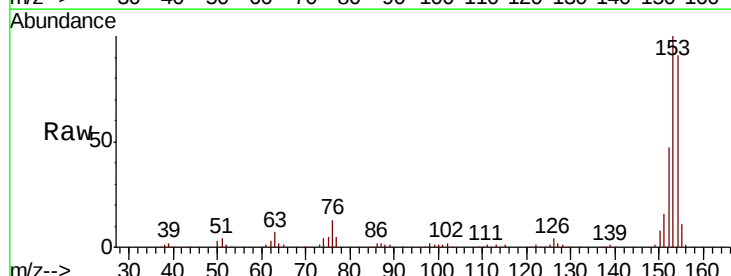


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

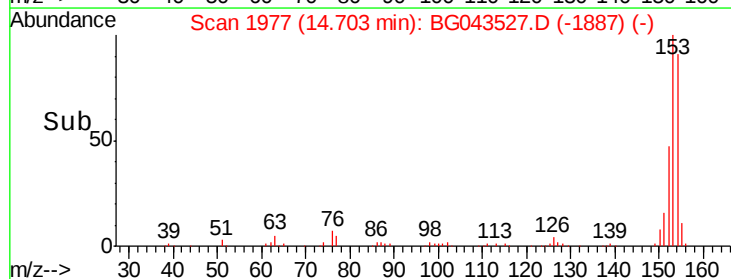
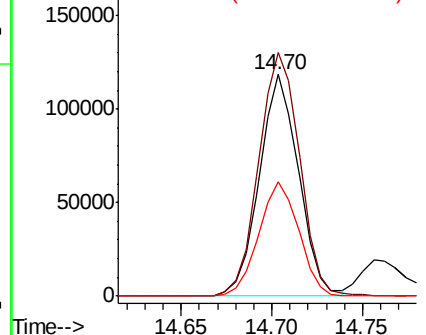


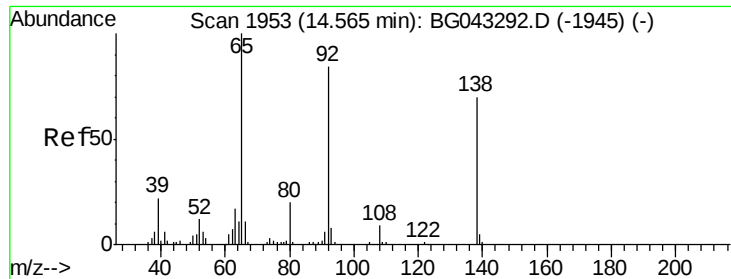
#52
 Acenaphthene
 Concen: 44.223 ng
 RT: 14.70 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.9	88.2	132.2
152	51.8	40.0	60.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 30.095 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

ClientSampled :

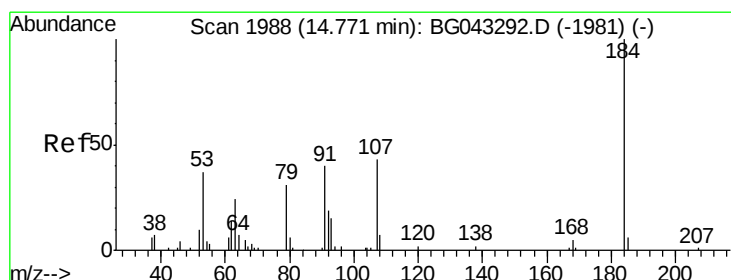
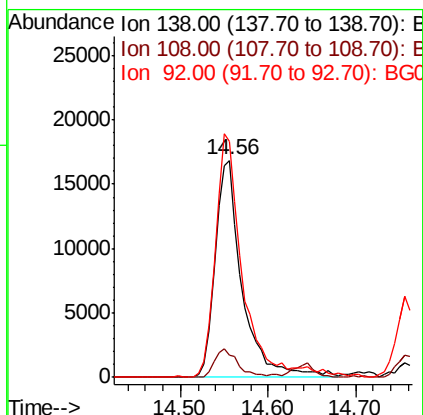
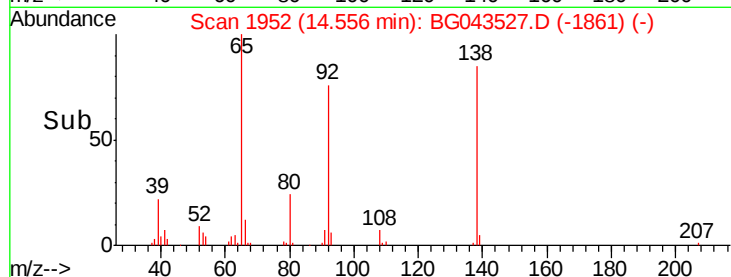
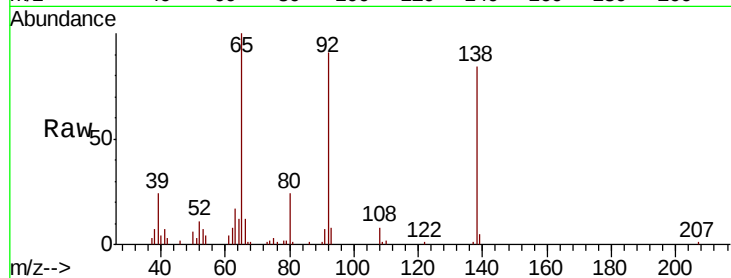
Tot Ion:138 Resp: 35944

Ion Ratio Lower Upper

138 100

108 10.0 8.0 12.0

92 108.4 90.9 136.3



#54

2,4-Dinitrophenol

Concen: 75.061 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

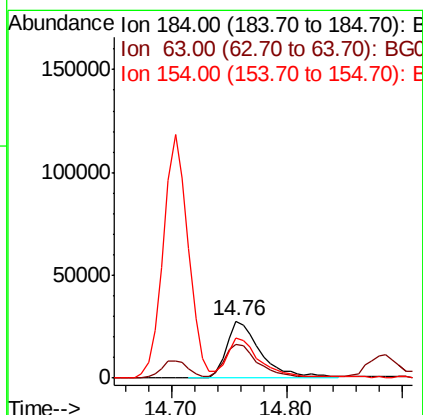
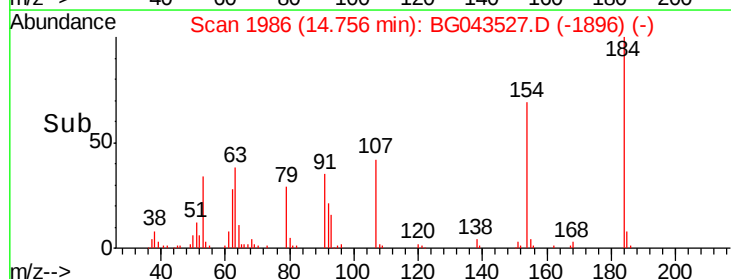
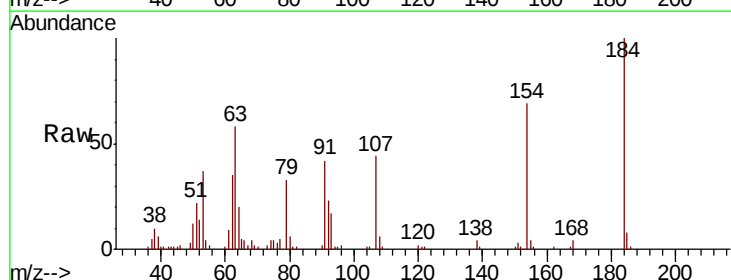
Tgt Ion:184 Resp: 57601

Ion Ratio Lower Upper

184 100

63 58.3 51.3 76.9

154 69.0 55.4 83.0

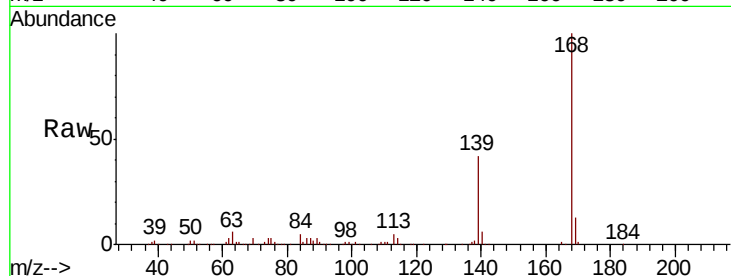




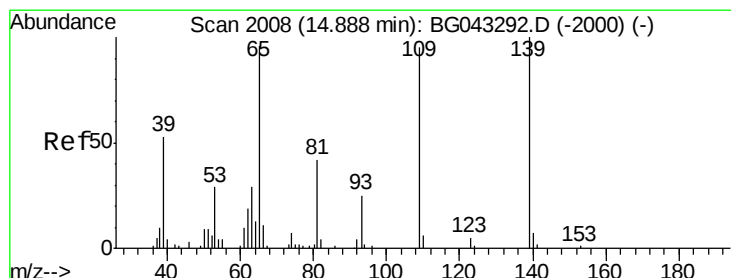
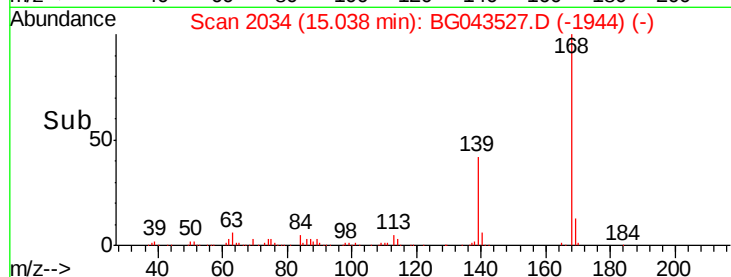
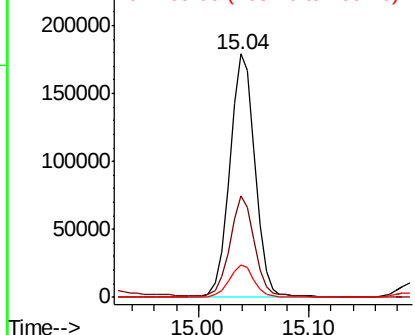
#55
Dibenzofuran
Concen: 43.932 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 287729
Ion Ratio Lower Upper
168 100
139 41.5 31.0 46.6
169 13.3 11.7 17.5

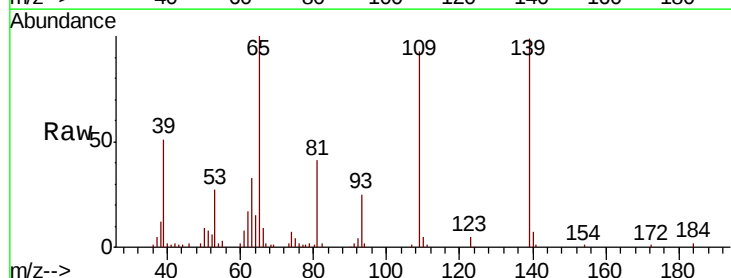


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

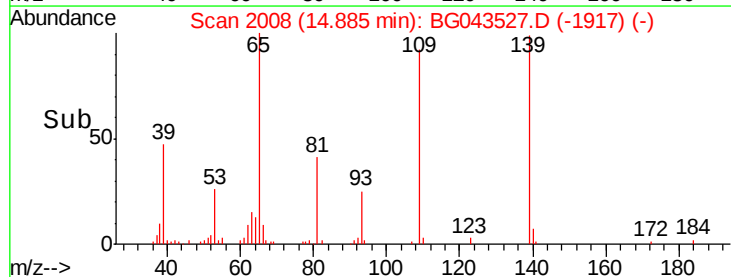
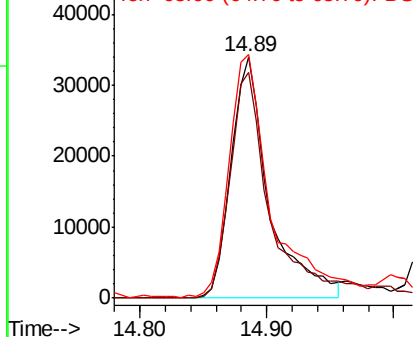


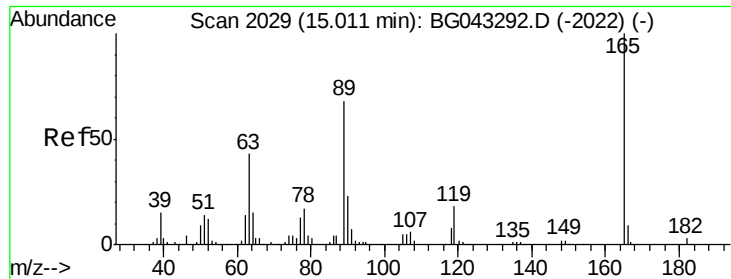
#56
4-Nitrophenol
Concen: 88.086 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion:139 Resp: 70501
Ion Ratio Lower Upper
139 100
109 93.4 87.2 127.2
65 100.8 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

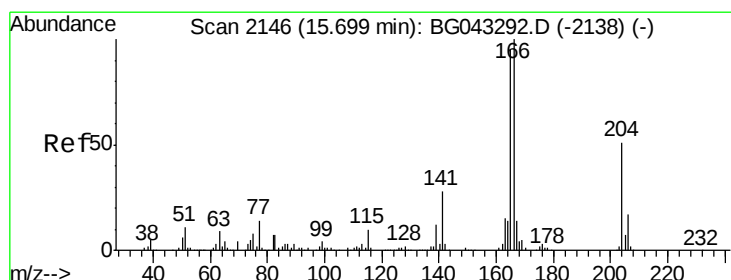
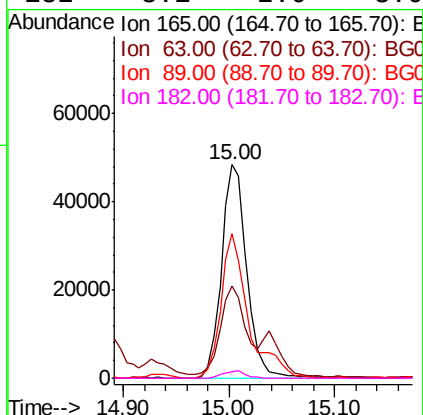
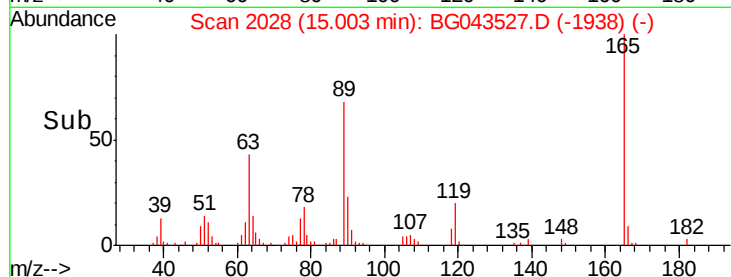
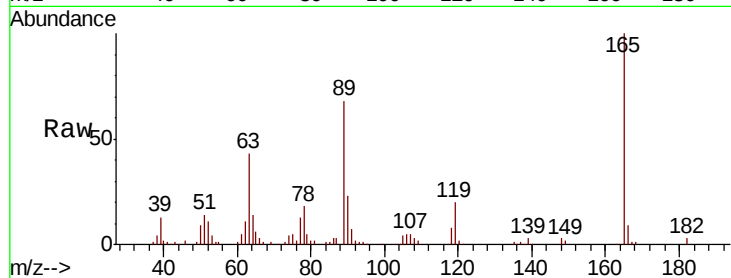




#57
2,4-Dinitrotoluene
Concen: 45.086 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

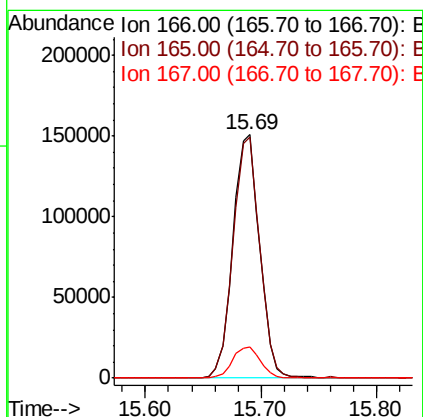
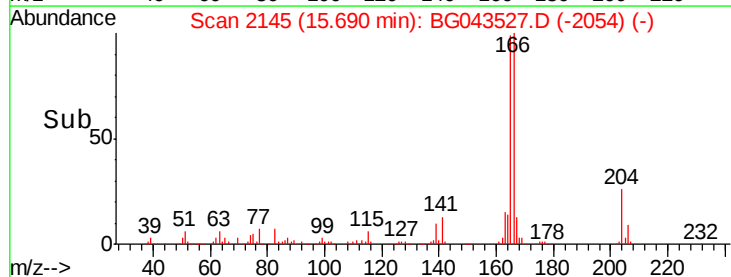
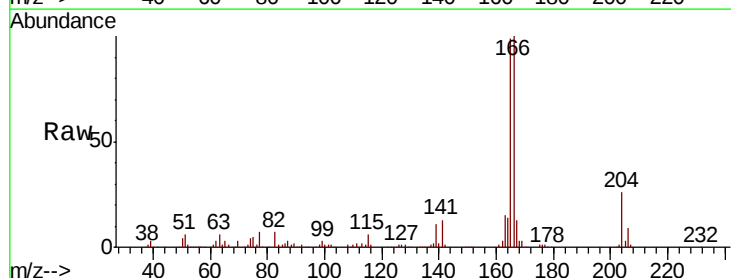
Instrument :
BNA_G
ClientSampleId :

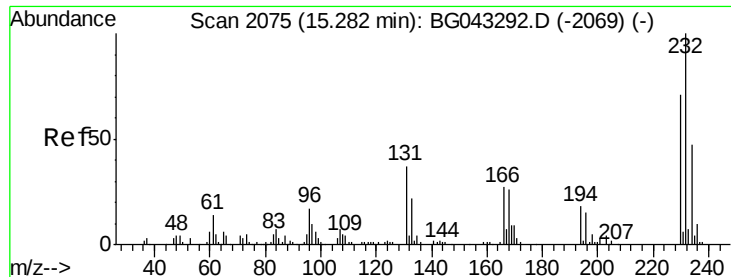
Tot Ion:165 Resp: 79707
Ion Ratio Lower Upper
165 100
63 43.4 33.2 49.8
89 67.8 52.2 78.4
182 3.1 2.0 3.0#



#58
Fluorene
Concen: 44.169 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion:166 Resp: 242625
Ion Ratio Lower Upper
166 100
165 99.2 79.0 118.6
167 12.8 10.5 15.7

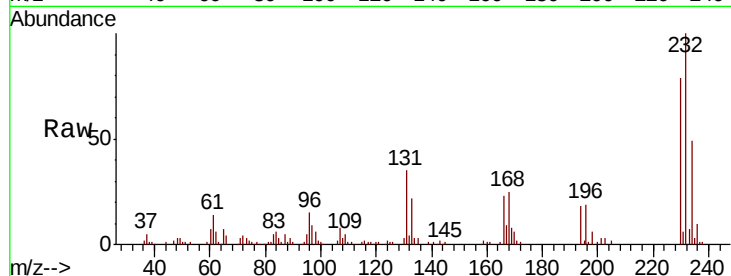




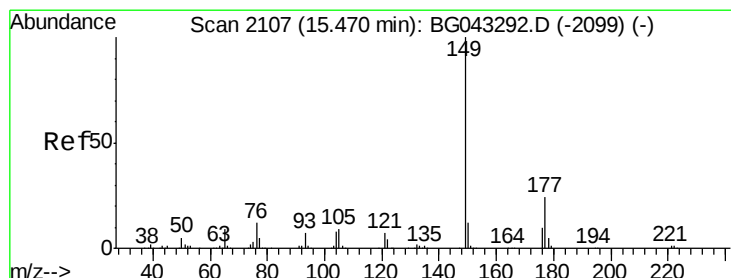
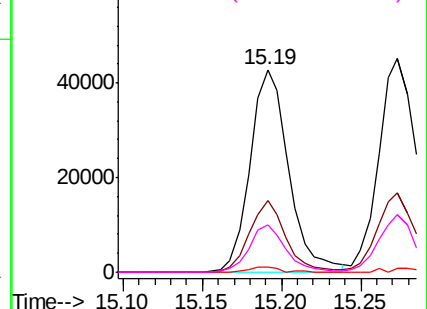
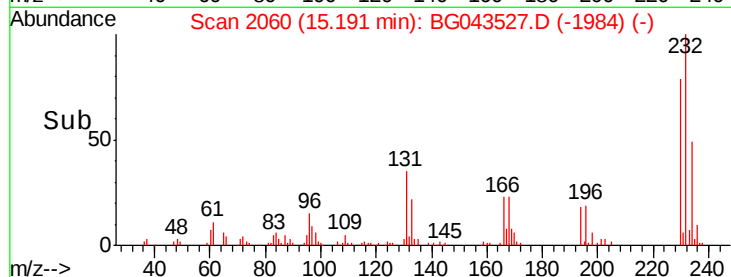
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.986 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. -0.08 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	33.3	26.9	40.3
130	2.0	1.8	2.6
166	21.9	20.9	31.3

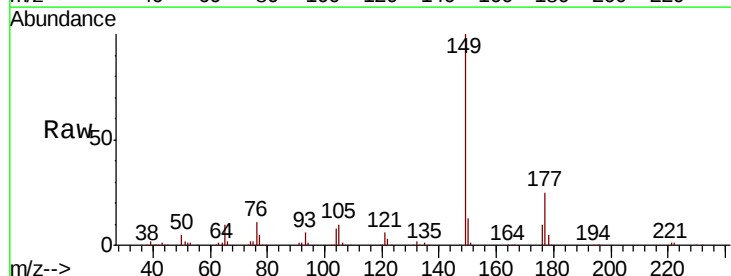


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

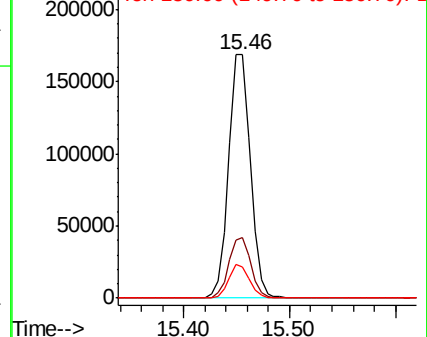
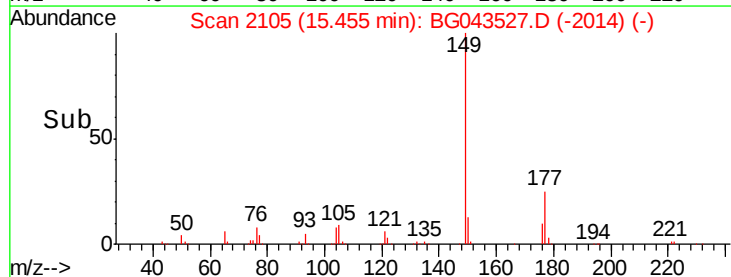


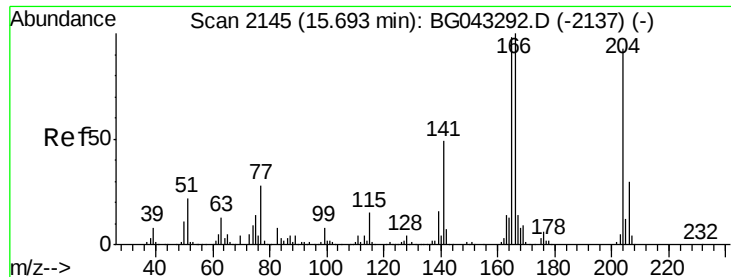
#60
 Diethylphthalate
 Concen: 42.164 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.8	19.6	29.4
150	12.6	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

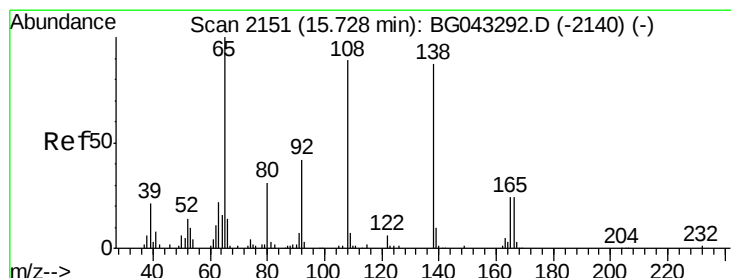
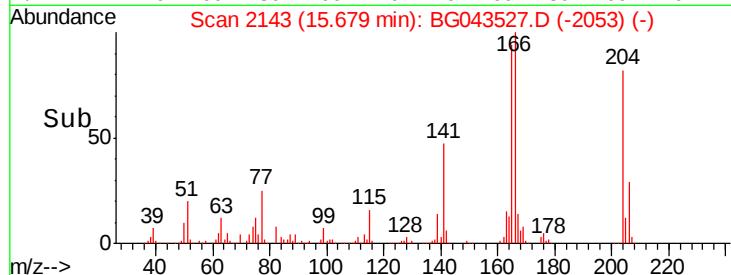
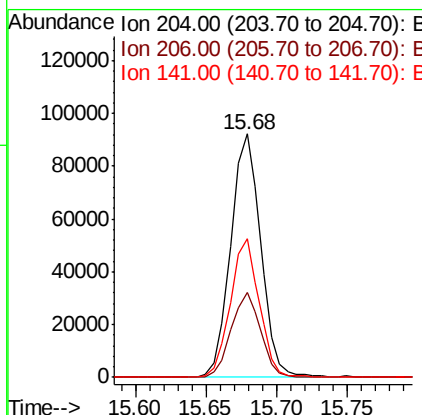
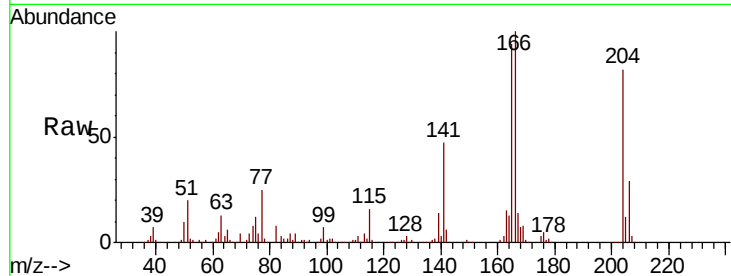




#61
 4-Chlorophenyl-phenylether
 Concen: 42.638 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

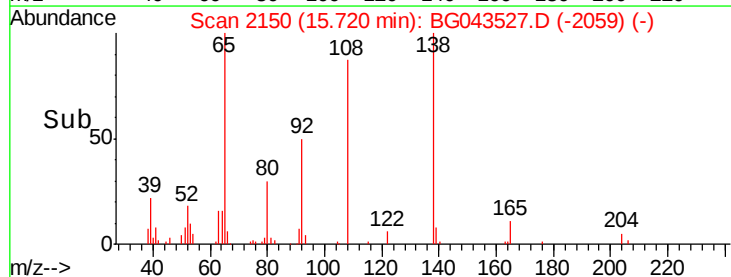
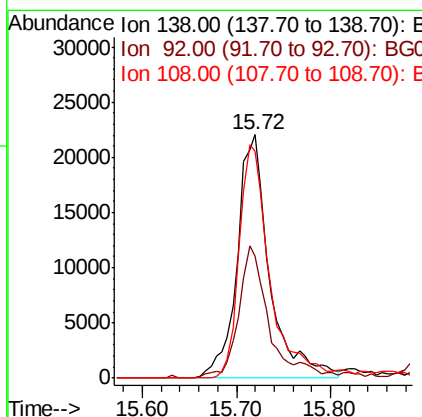
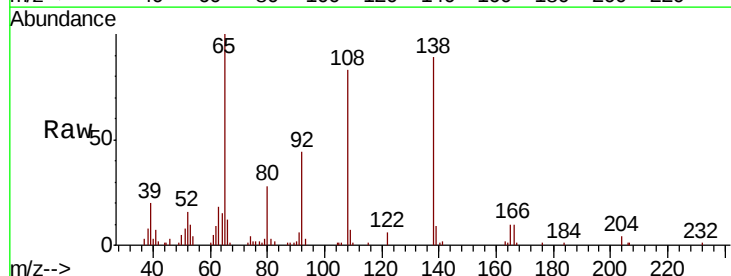
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 136636
 Ion Ratio Lower Upper
 204 100
 206 34.9 28.4 42.6
 141 57.0 43.0 64.6



#62
 4-Nitroaniline
 Concen: 42.779 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion:138 Resp: 52766
 Ion Ratio Lower Upper
 138 100
 92 50.0 33.4 73.4
 108 93.4 78.0 118.0

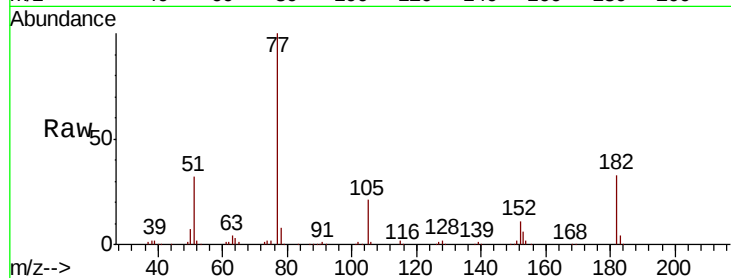




#63
Azobenzene
Concen: 44.178 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	33.1	13.7	53.7
105	20.8	0.4	40.4
51	31.7	11.0	51.0



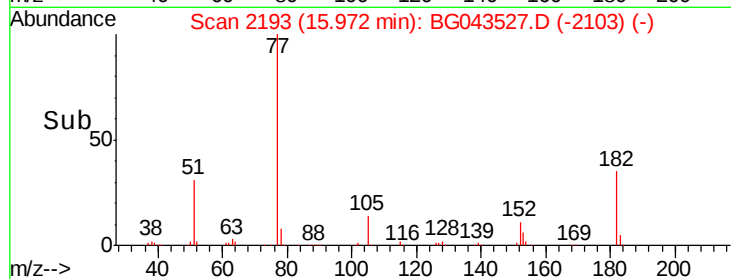
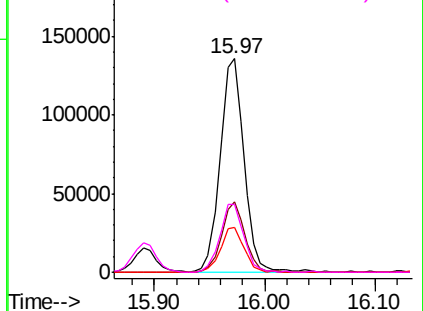
Abundance

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: BG043527.D
Acq: 6 Nov 2019 19:31

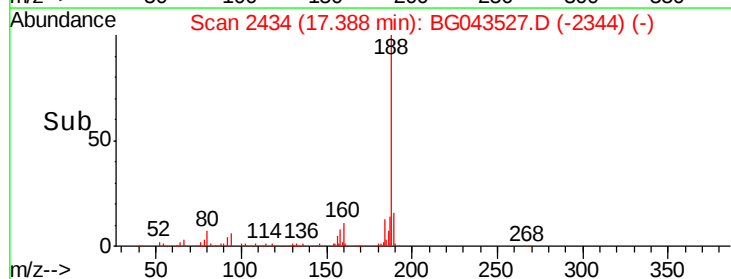
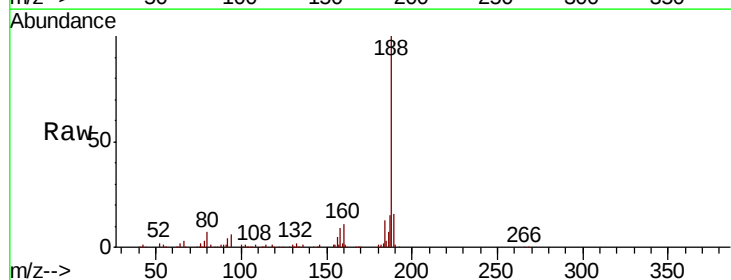
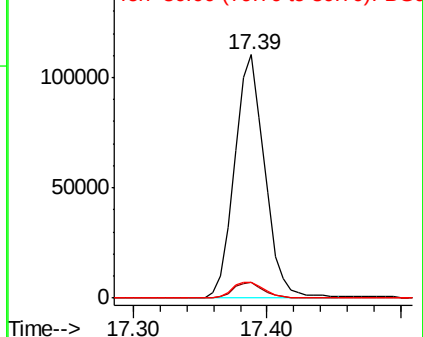
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	4.2	6.4#
80	6.5	4.5	6.7

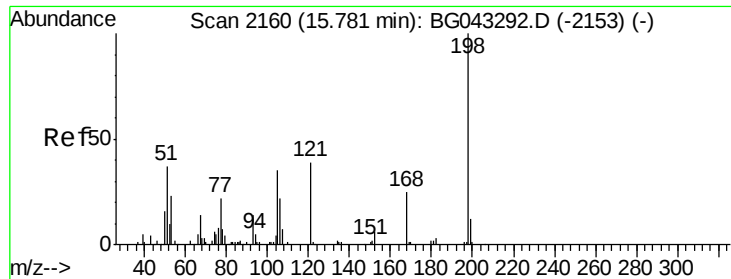
Abundance

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

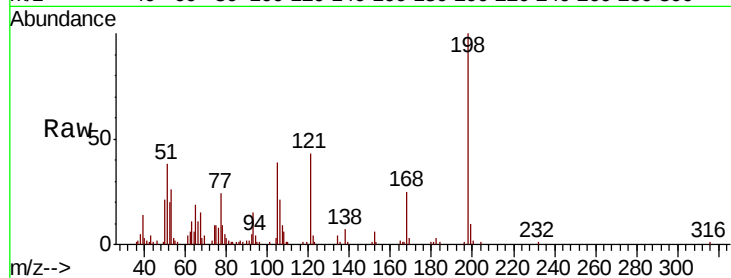




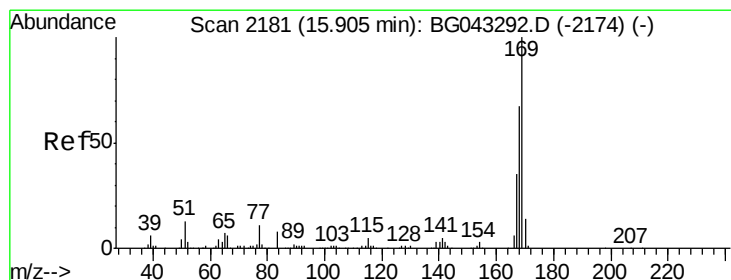
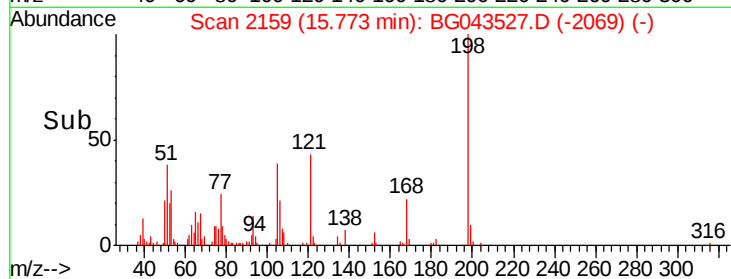
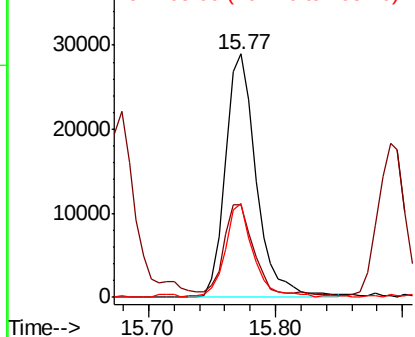
#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.808 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 48700
 Ion Ratio Lower Upper
 198 100
 51 38.1 13.2 53.2
 105 38.7 15.8 55.8

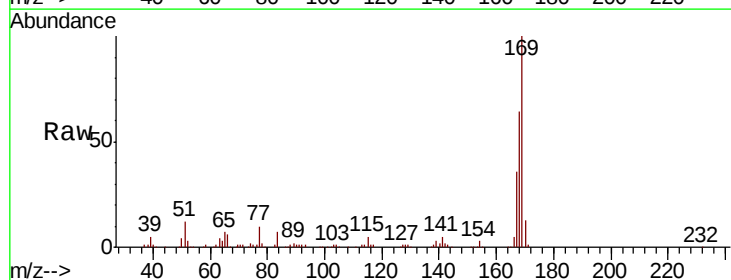


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

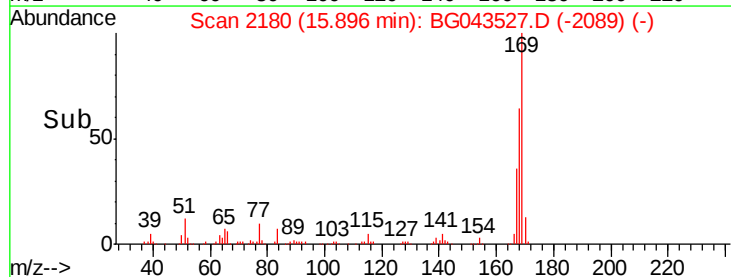
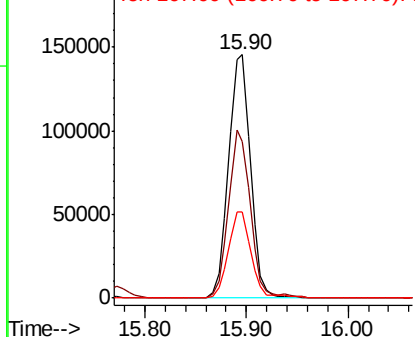


#66
 n-Nitrosodiphenylamine
 Concen: 44.855 ng
 RT: 15.90 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion:169 Resp: 219205
 Ion Ratio Lower Upper
 169 100
 168 64.1 53.8 80.6
 167 35.6 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

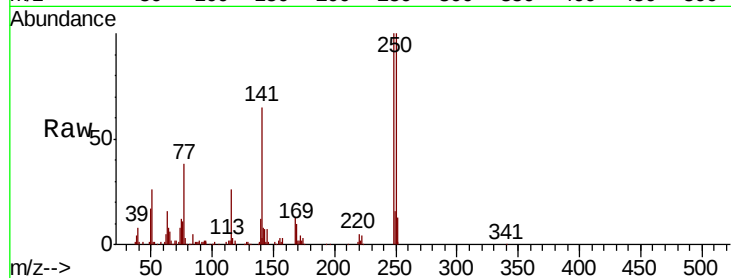




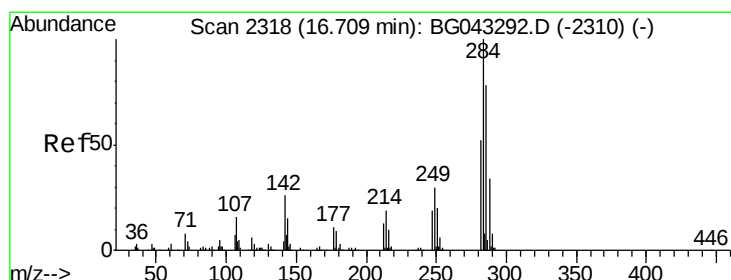
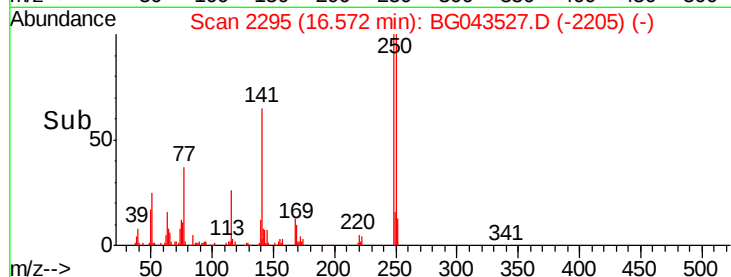
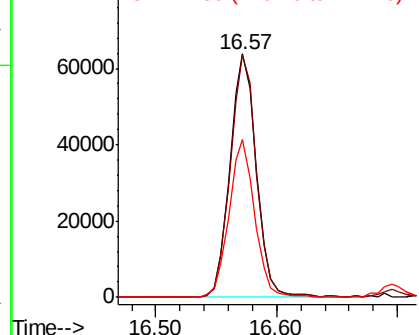
#67
4-Bromophenyl-phenylether
Concen: 41.393 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 96423
Ion Ratio Lower Upper
248 100
250 99.7 77.0 115.4
141 64.6 47.5 71.3

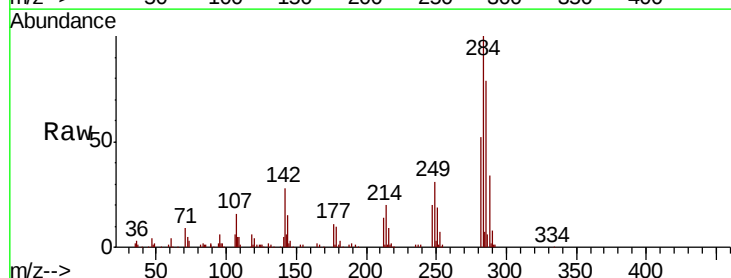


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

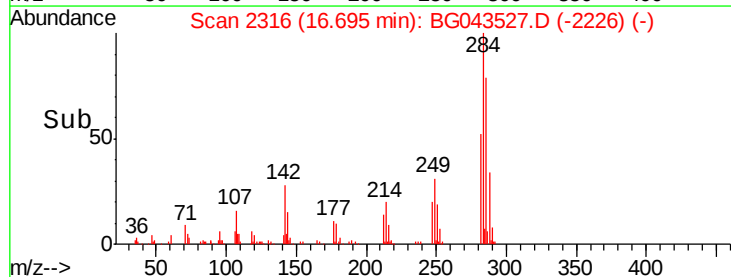
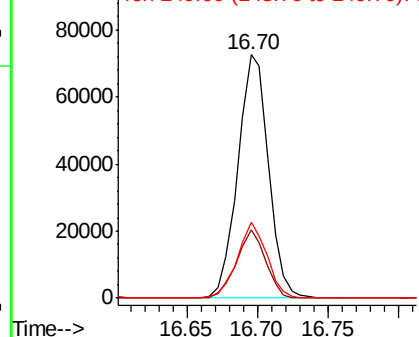


#68
Hexachlorobenzene
Concen: 41.184 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion:284 Resp: 110123
Ion Ratio Lower Upper
284 100
142 28.2 19.8 29.8
249 31.3 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

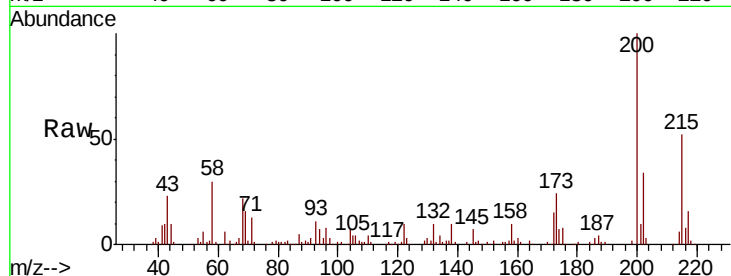




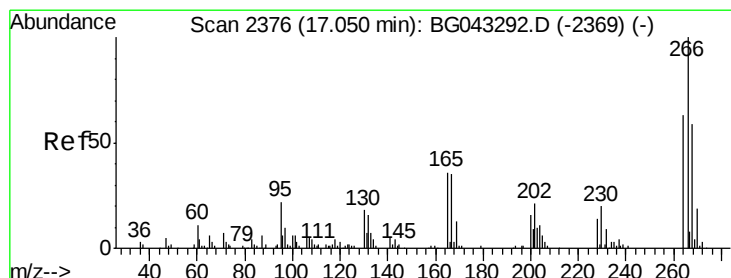
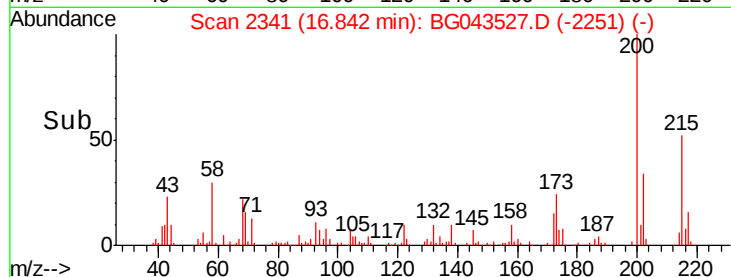
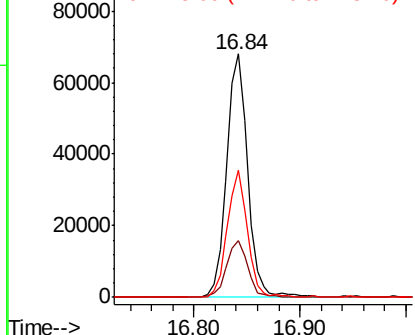
#69
 Atrazine
 Concen: 55.147 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 93645
 Ion Ratio Lower Upper
 200 100
 173 23.5 4.7 44.7
 215 52.2 28.5 68.5

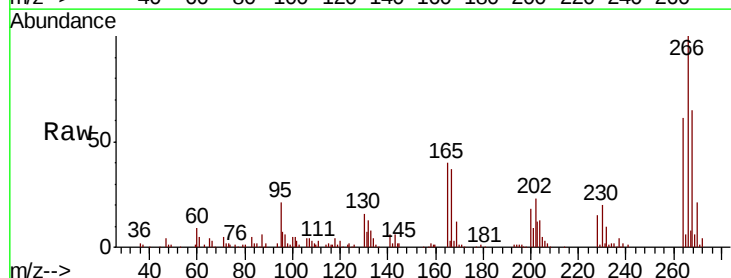


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

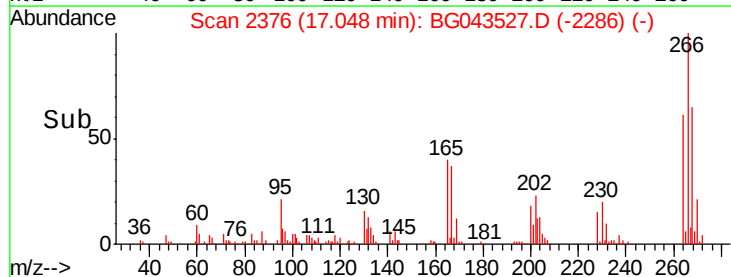
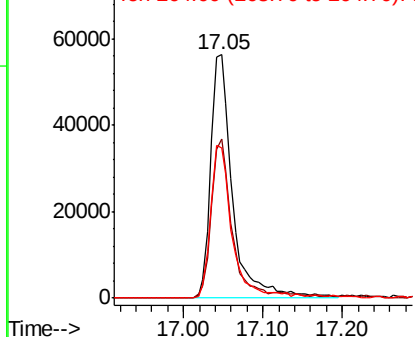


#70
 Pentachlorophenol
 Concen: 88.747 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion:266 Resp: 108131
 Ion Ratio Lower Upper
 266 100
 268 65.3 50.4 75.6
 264 61.4 48.9 73.3



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

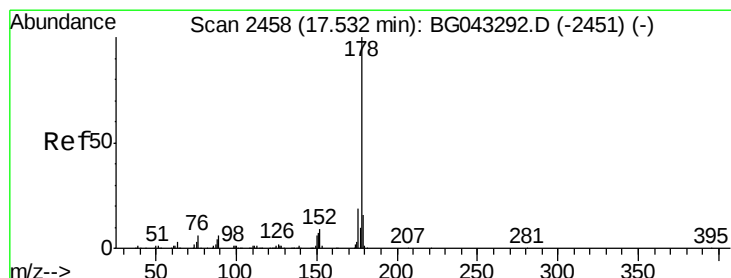
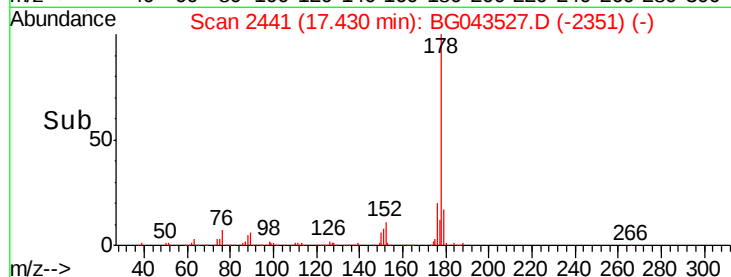
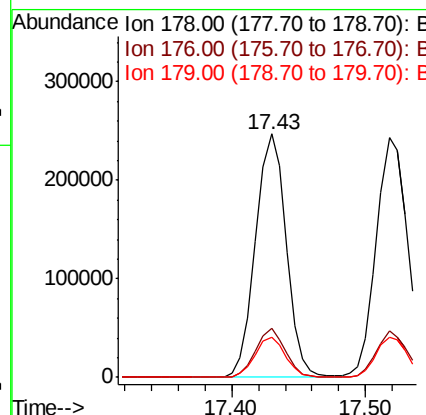
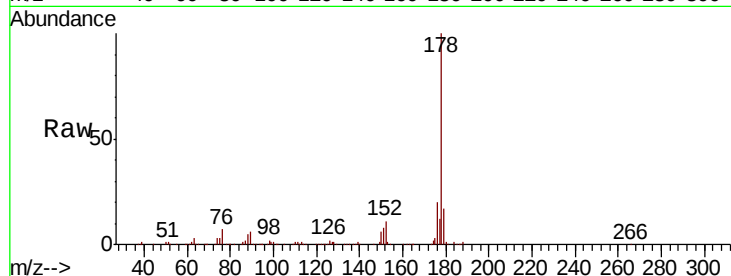




#71
 Phenanthrene
 Concen: 44.266 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

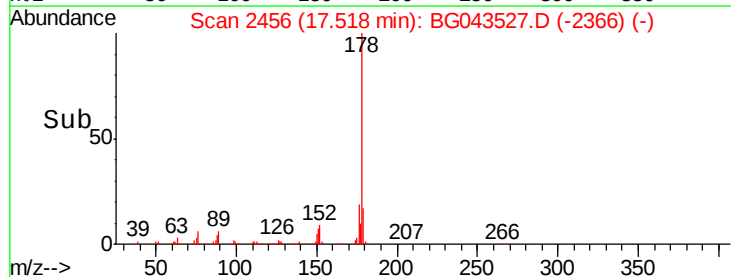
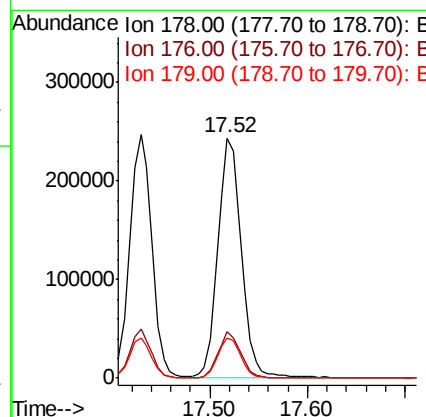
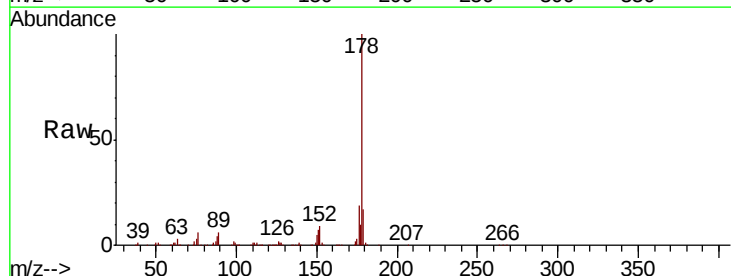
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.0
179	16.7	13.0	19.6



#72
 Anthracene
 Concen: 45.614 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	16.7	13.7	20.5

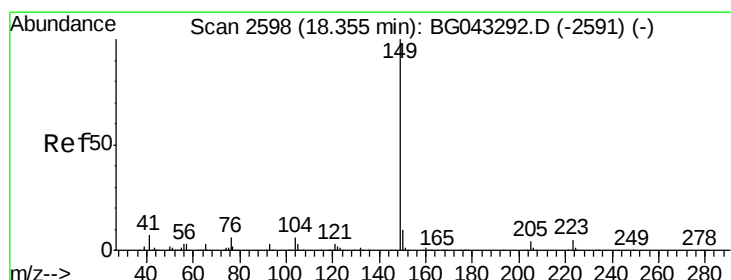
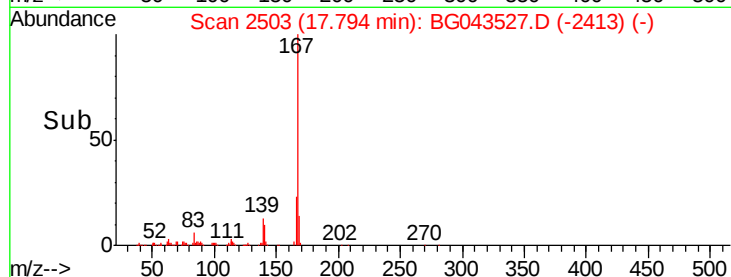
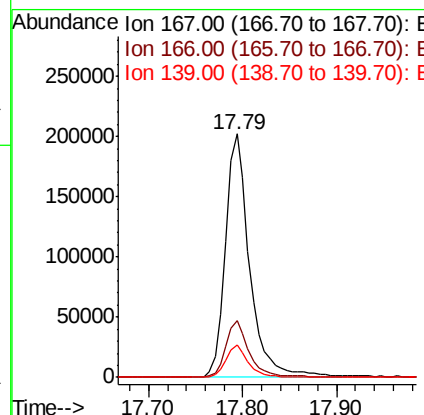
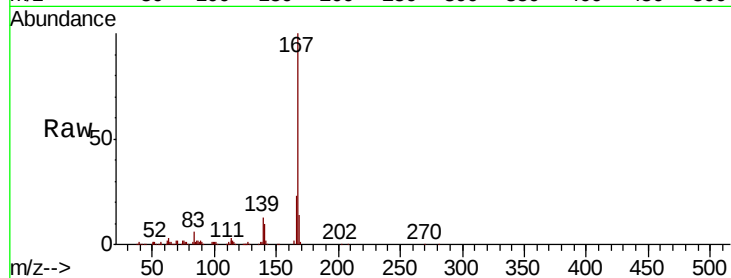




#73
 Carbazole
 Concen: 45.235 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

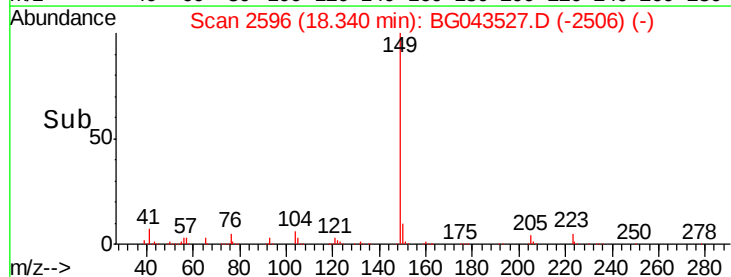
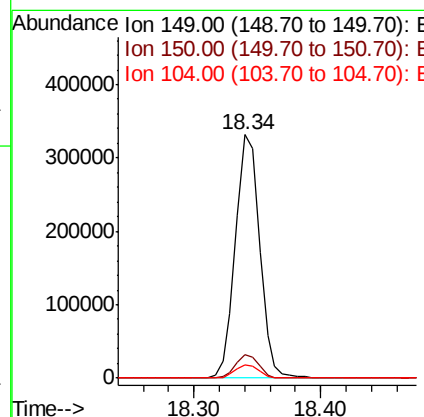
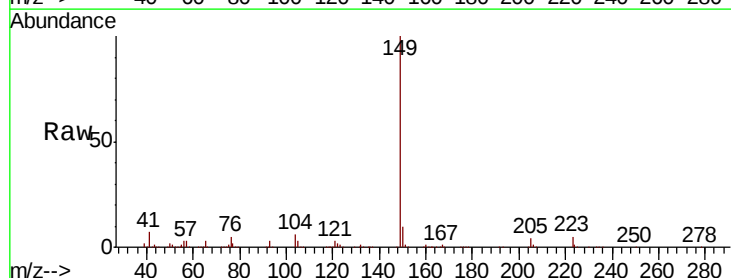
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:167 Resp: 363280
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.7 28.1
 139 13.2 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 45.053 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion:149 Resp: 439013
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.0 12.0
 104 5.5 4.4 6.6





#75

Fluoranthene

Concen: 44.717 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

ClientSampleId :

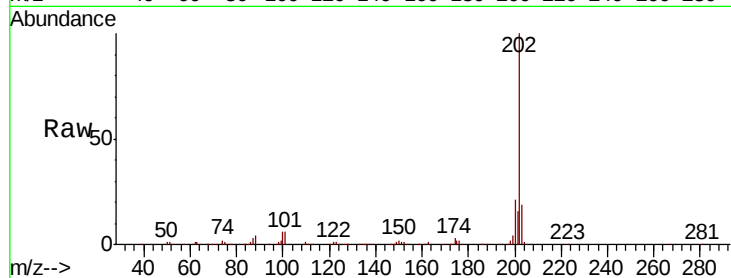
Tot Ion:202 Resp: 516728

Ion Ratio Lower Upper

202 100

101 6.4 0.0 26.3

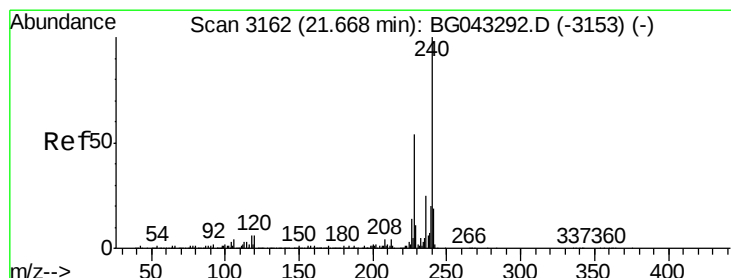
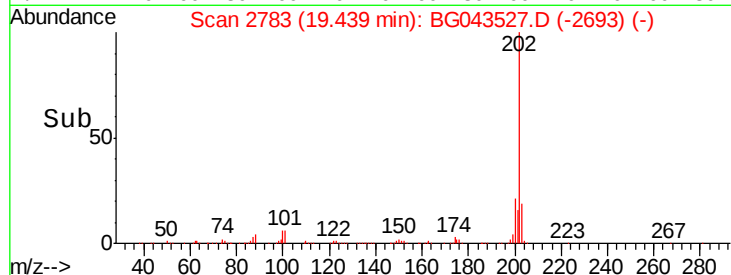
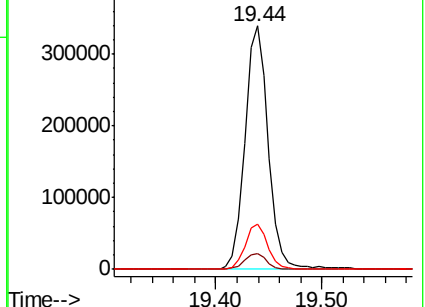
203 18.6 0.0 37.9



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: BG043527.D

Acq: 6 Nov 2019 19:31

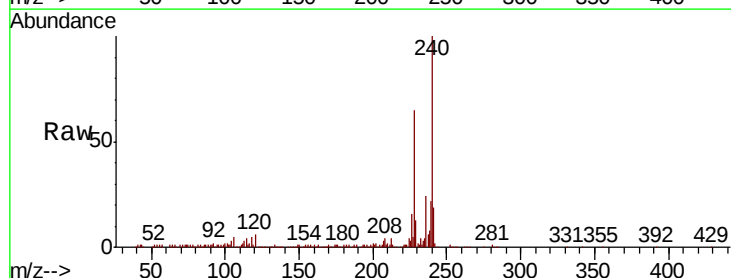
Tgt Ion:240 Resp: 195023

Ion Ratio Lower Upper

240 100

120 6.3 4.6 6.8

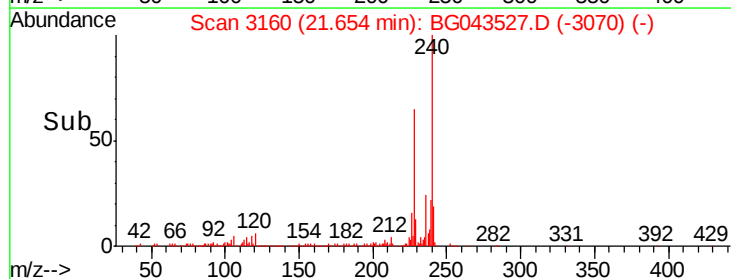
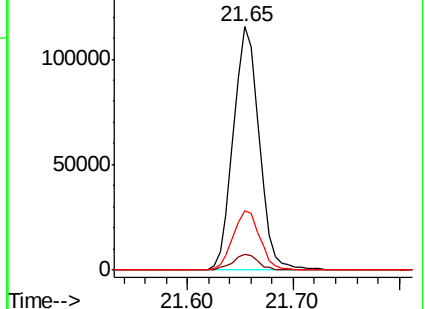
236 24.5 19.8 29.8



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: 39.780 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

ClientSampleId :

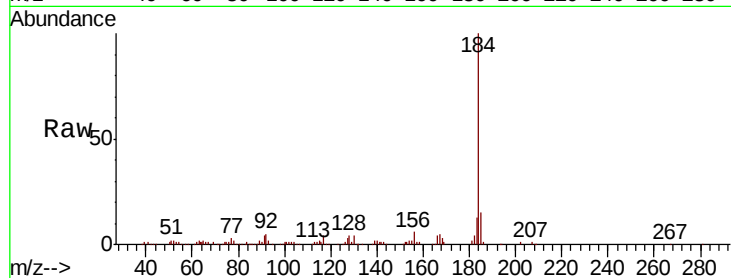
Tot Ion:184 Resp: 156132

Ion Ratio Lower Upper

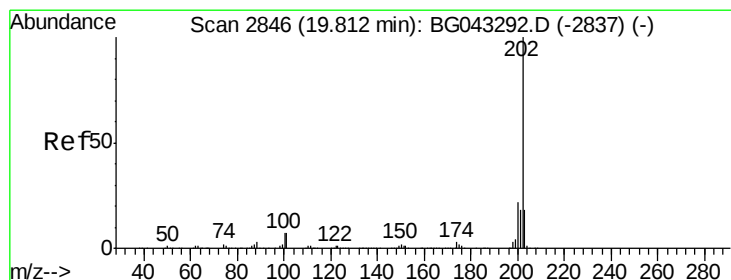
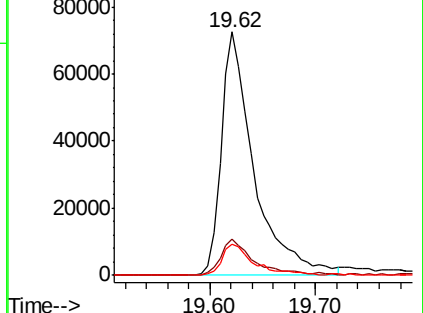
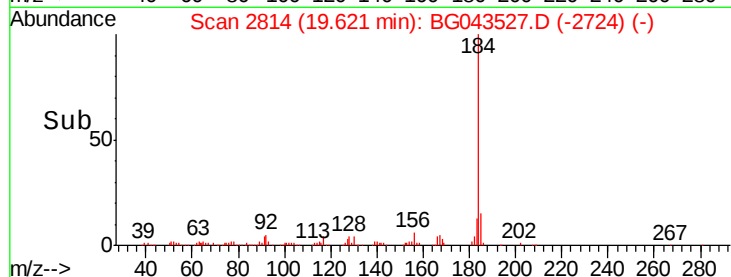
184 100

185 14.8 11.0 16.4

183 12.7 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: 44.025 ng

RT: 19.80 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

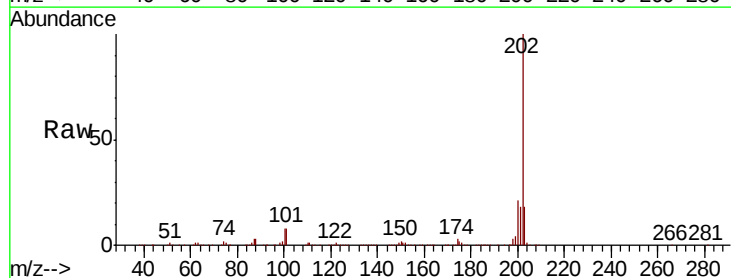
Tgt Ion:202 Resp: 531455

Ion Ratio Lower Upper

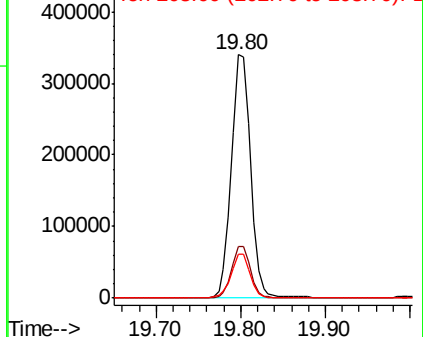
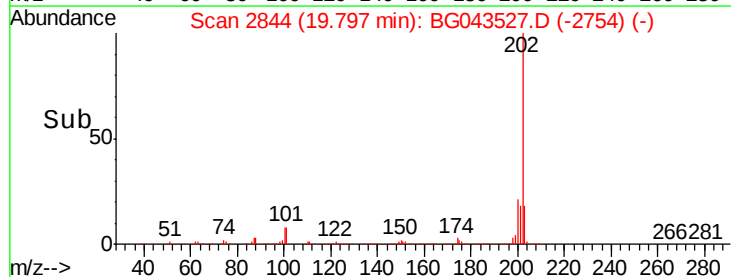
202 100

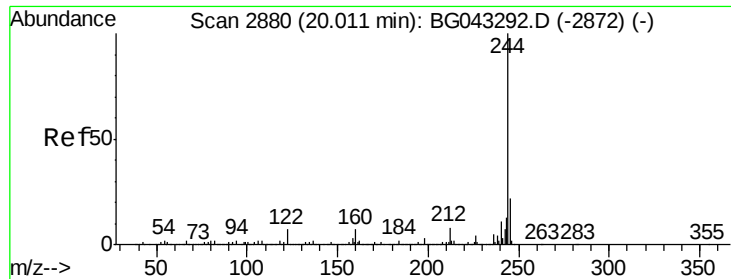
200 20.9 17.0 25.4

203 18.1 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: 66.524 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

ClientSampleId :

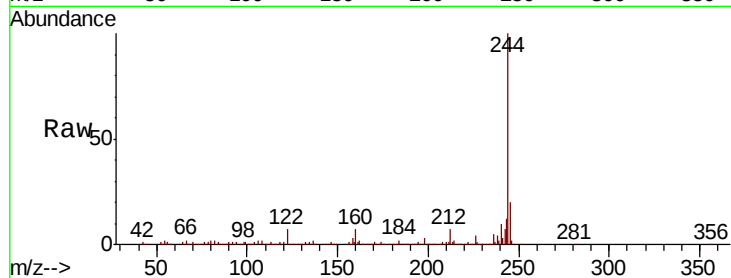
Tot Ion:244 Resp: 691545

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

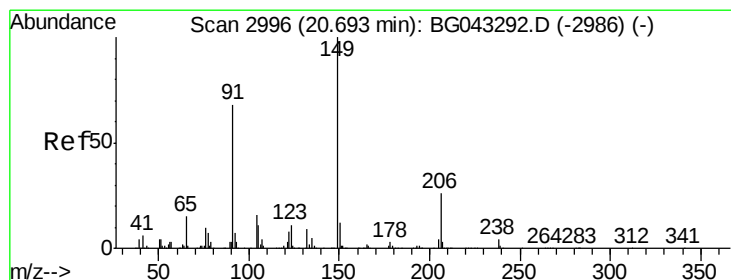
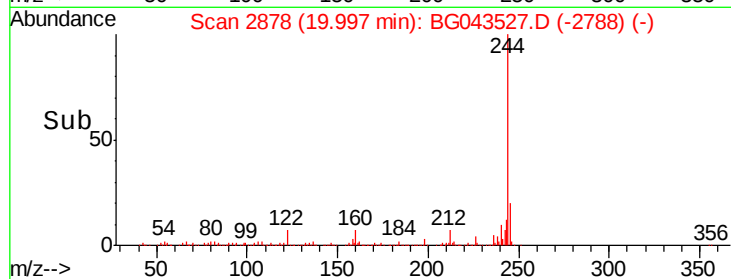
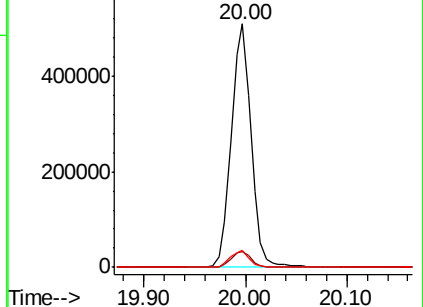
122 6.8 5.4 8.2



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



#80

Butylbenzylphthalate

Concen: 43.401 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

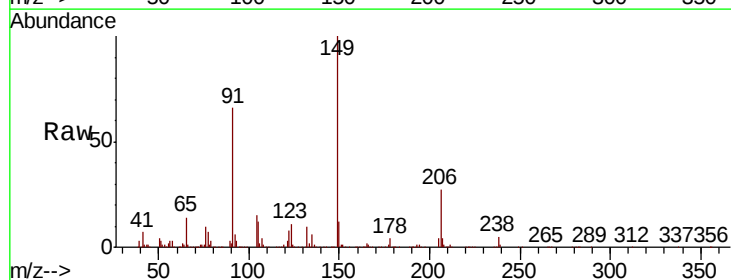
Tgt Ion:149 Resp: 198493

Ion Ratio Lower Upper

149 100

91 65.6 51.2 76.8

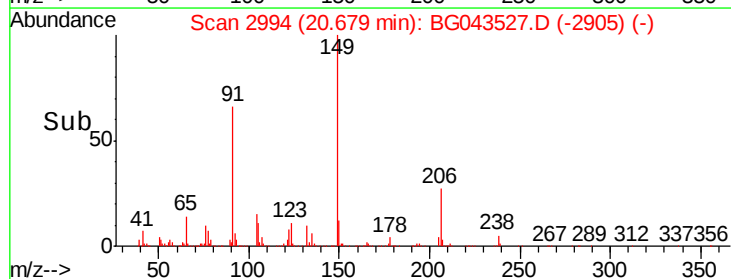
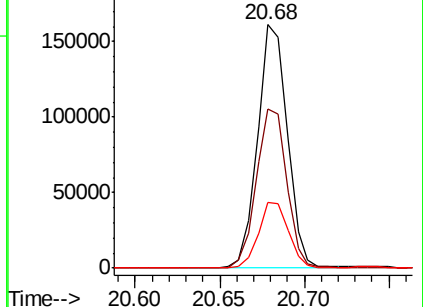
206 26.8 22.5 33.7

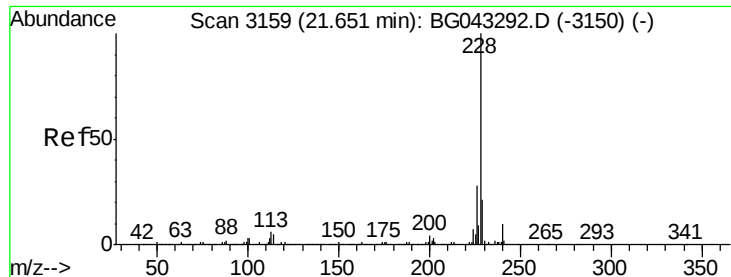


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

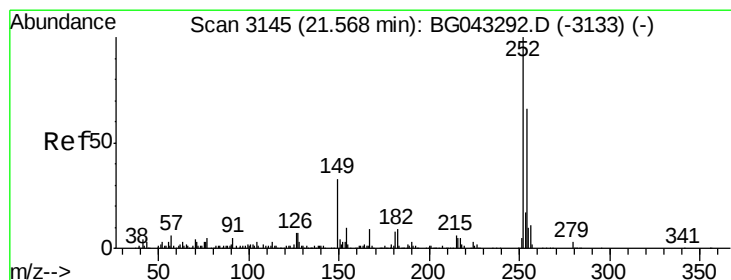
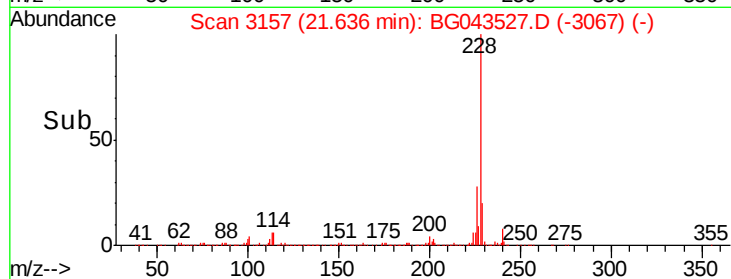
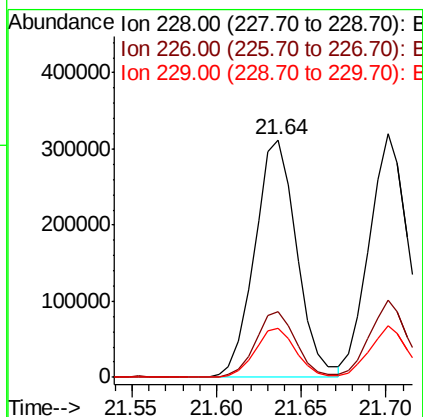
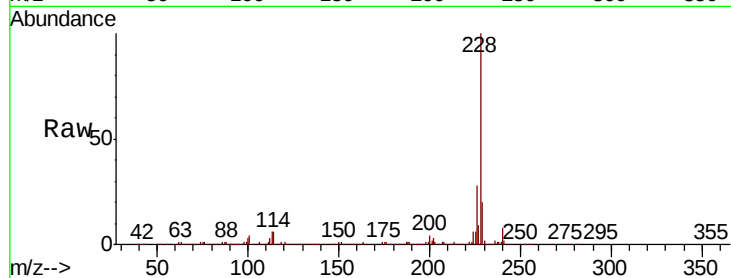




#81
Benzo(a)anthracene
Concen: 44.198 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

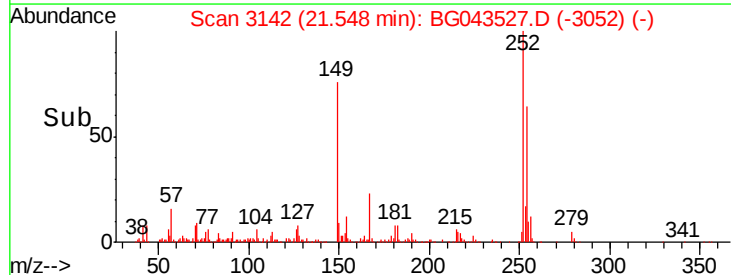
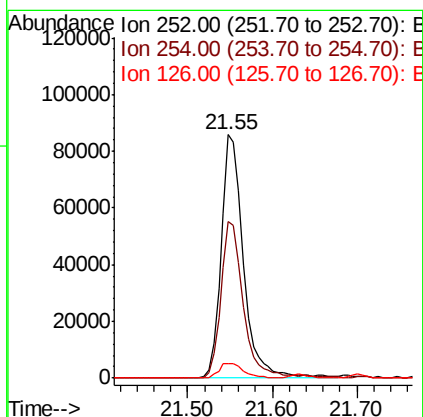
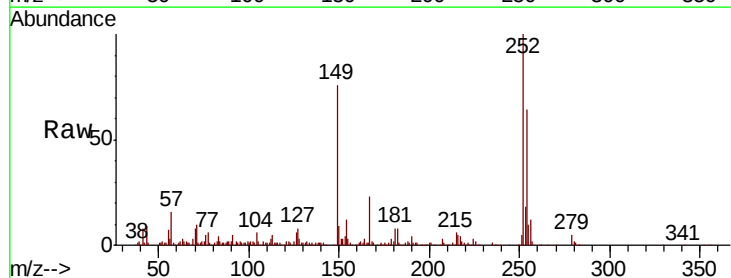
Instrument :
BNA_G
ClientSampleId :

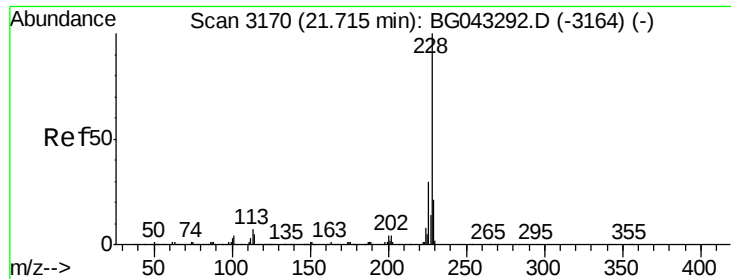
Tot Ion:228 Resp: 539922
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.2
229 20.4 17.0 25.4



#82
3,3'-Dichlorobenzidine
Concen: 33.258 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion:252 Resp: 157144
Ion Ratio Lower Upper
252 100
254 64.3 50.8 76.2
126 5.9 6.1 9.1#





#83

Chrysene

Concen: 42.827 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

ClientSampleId :

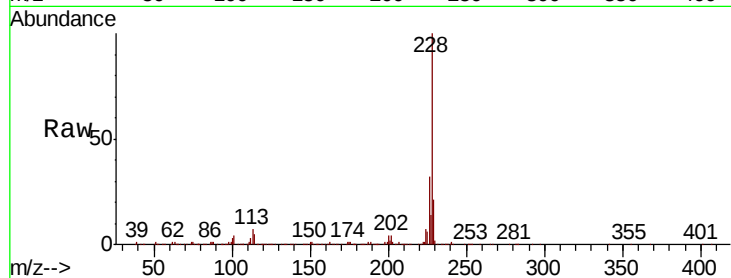
Tot Ion:228 Resp: 519821

Ion Ratio Lower Upper

228 100

226 31.6 25.1 37.7

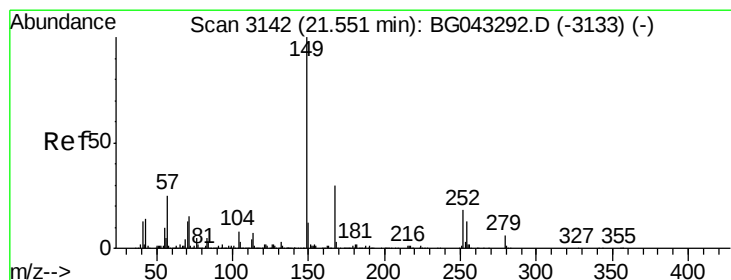
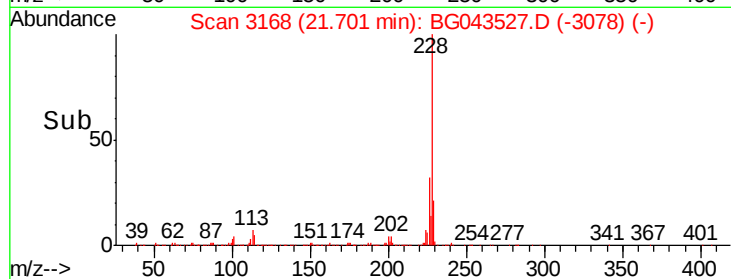
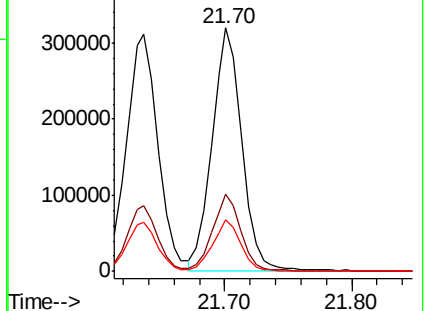
229 21.0 17.0 25.4



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: 44.062 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

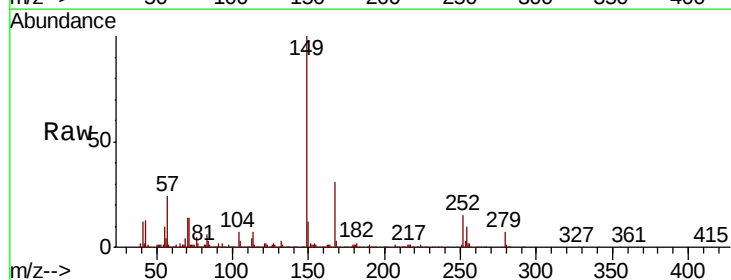
Tgt Ion:149 Resp: 286255

Ion Ratio Lower Upper

149 100

167 30.6 24.0 36.0

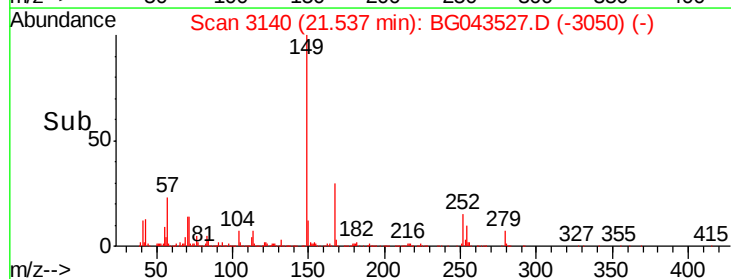
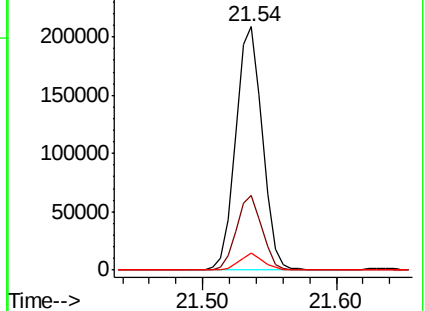
279 7.1 5.4 8.2

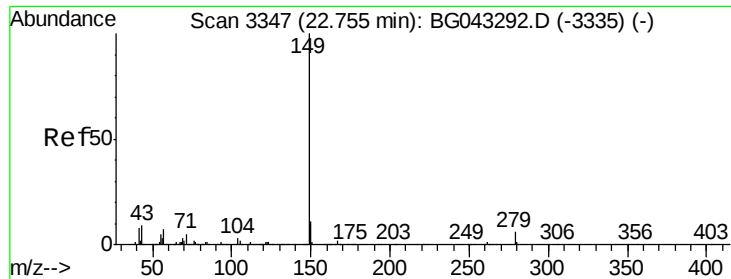


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.041 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

ClientSampleId :

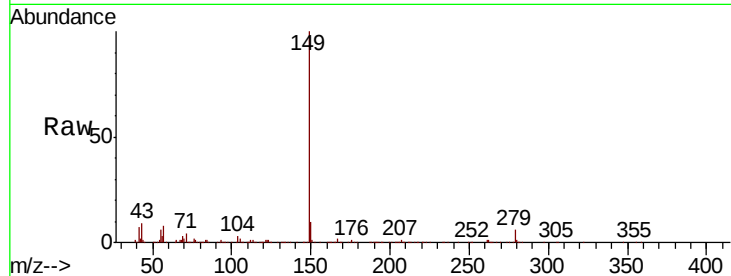
Tot Ion:149 Resp: 496452

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

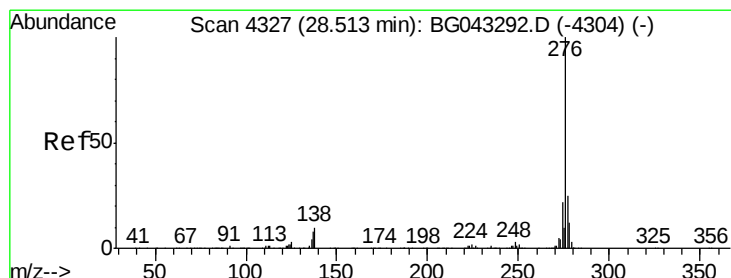
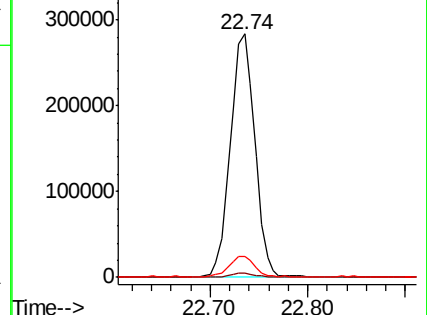
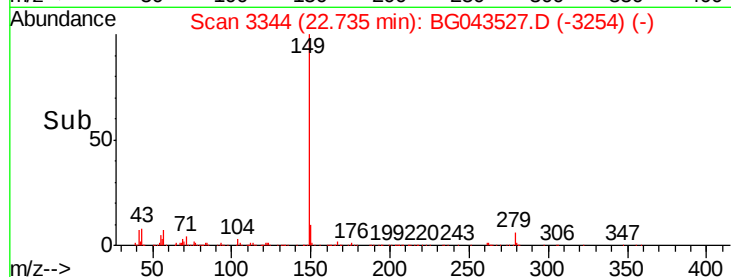
43 8.6 7.0 10.6



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: 44.740 ng

RT: 28.50 min Scan# 4325

Delta R.T. 0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

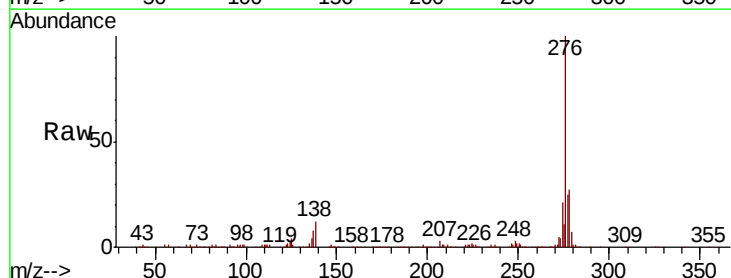
Tgt Ion:276 Resp: 681642

Ion Ratio Lower Upper

276 100

138 9.3 6.8 10.2

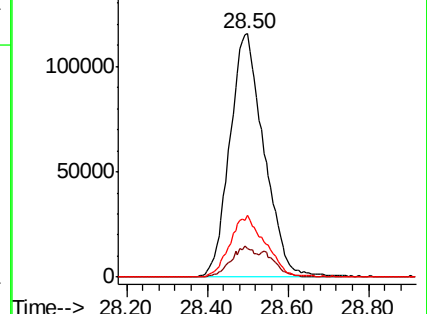
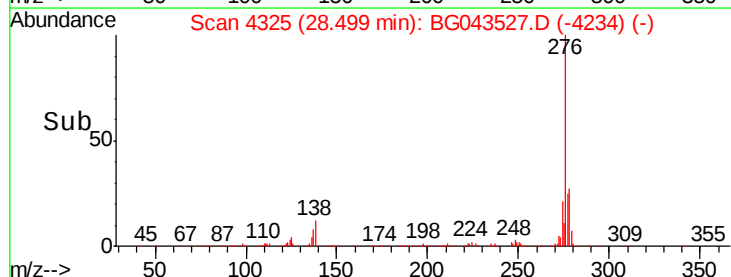
277 25.9 20.9 31.3

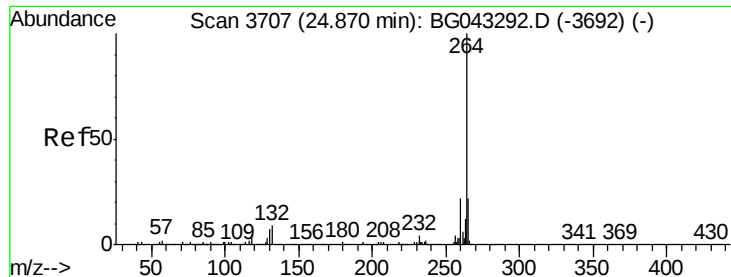


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

ClientSampled :

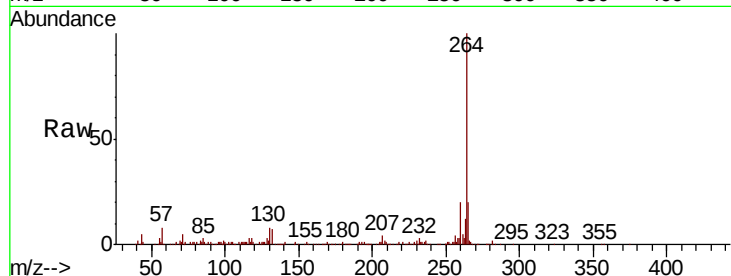
Tot Ion:264 Resp: 225403

Ion Ratio Lower Upper

264 100

260 20.4 17.5 26.3

265 20.4 17.4 26.0

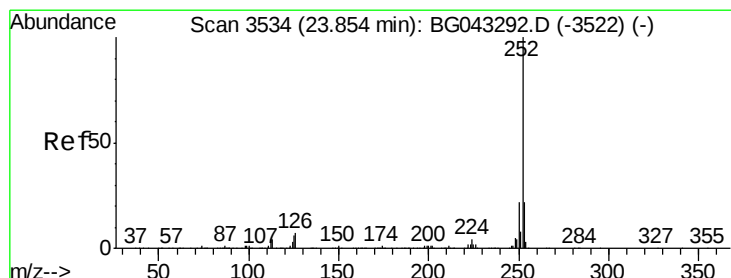
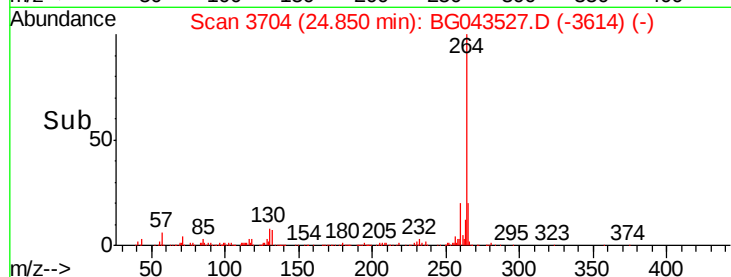
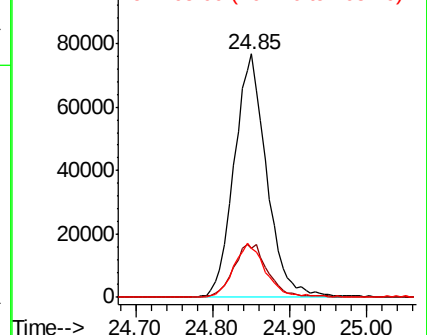


Abundance

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: 43.421 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

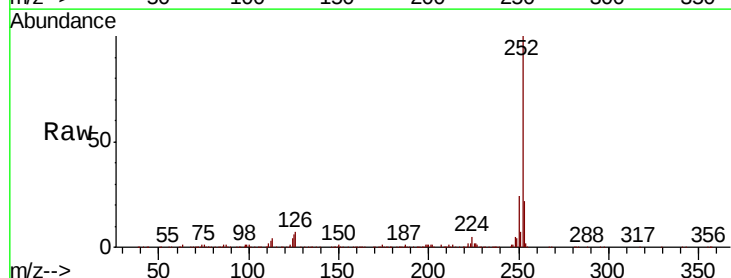
Tgt Ion:252 Resp: 554315

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 5.8 4.5 6.7

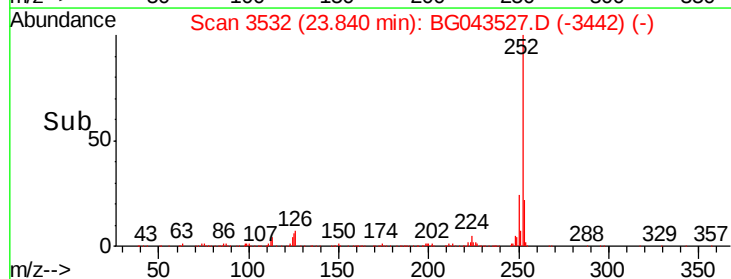
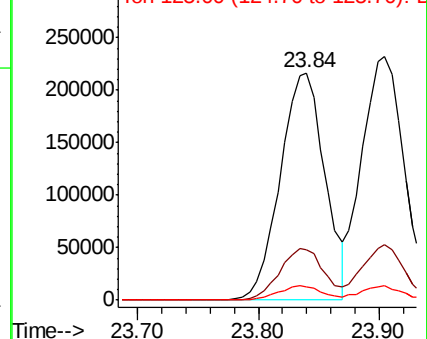


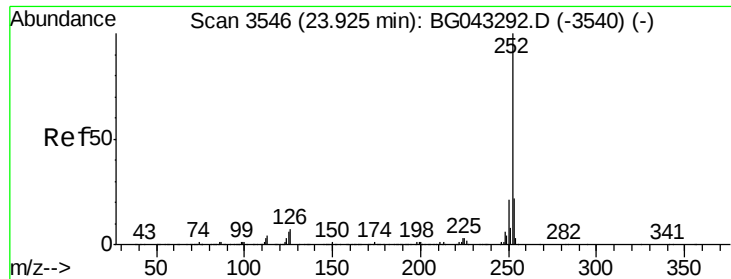
Abundance

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

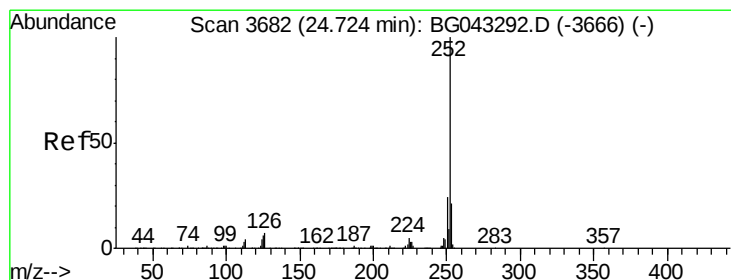
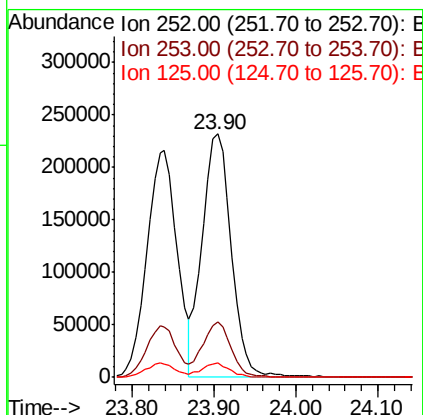
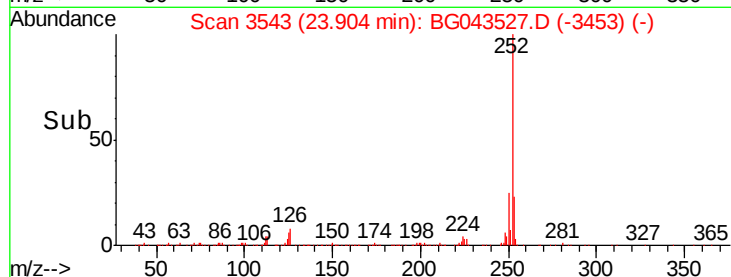
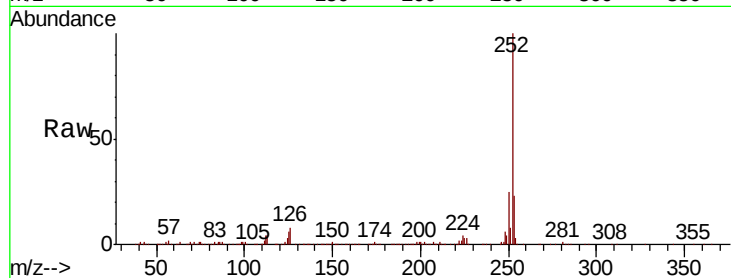




#89
Benzo(k)fluoranthene
Concen: 44.578 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

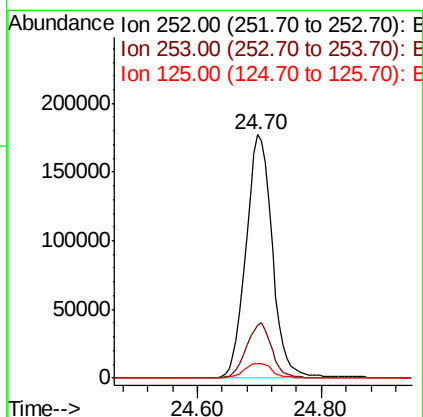
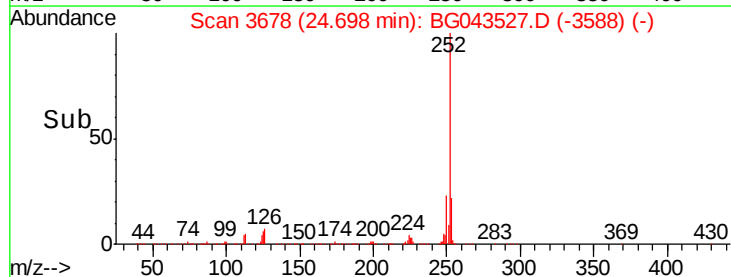
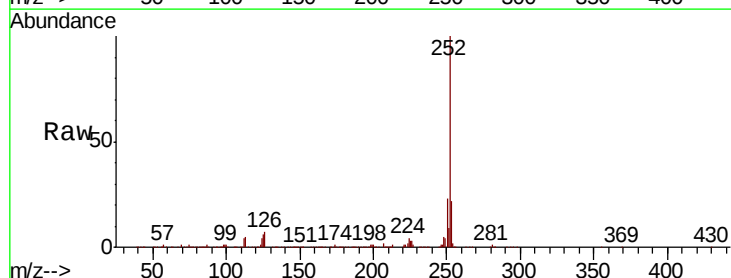
Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 572900
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 5.8 4.6 6.8



#90
Benzo(a)pyrene
Concen: 43.045 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion:252 Resp: 524749
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 6.1 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 46.381 ng

RT: 28.55 min Scan# 4333

Delta R.T. -0.01 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

ClientSampleId :

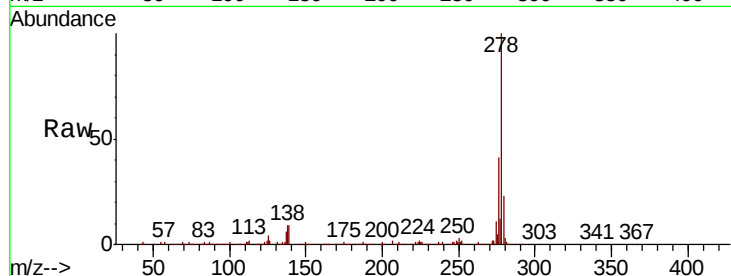
Tot Ion:278 Resp: 578345

Ion Ratio Lower Upper

278 100

139 9.4 7.4 11.0

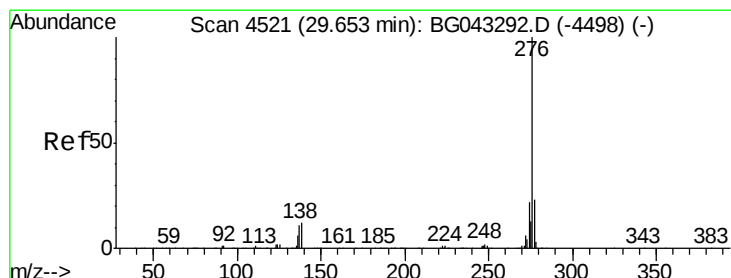
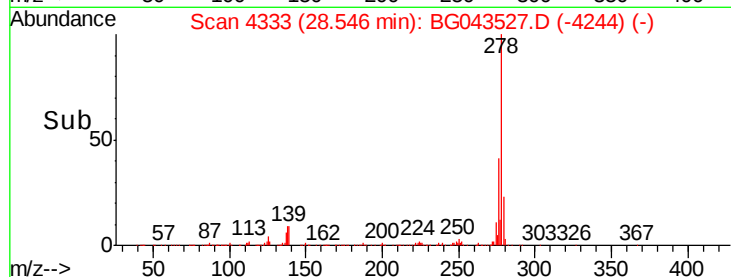
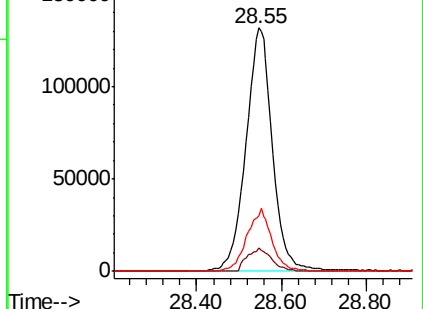
279 22.9 19.1 28.7



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: 46.385 ng

RT: 29.63 min Scan# 4517

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

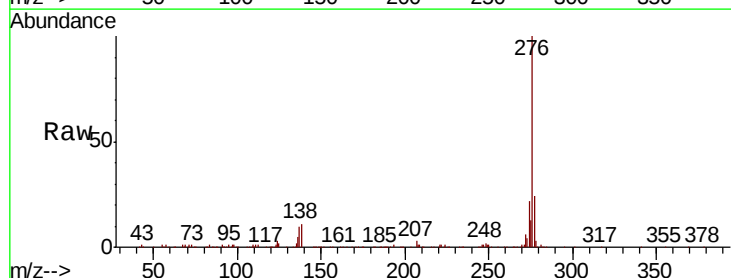
Tgt Ion:276 Resp: 570522

Ion Ratio Lower Upper

276 100

277 24.5 18.9 28.3

138 11.4 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

