

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
 Data File : BG043520.D
 Acq On : 6 Nov 2019 15:01
 Operator : JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 06 17:36:13 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	31235	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	119457	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	84359	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	206246	20.00	ng	0.00
76) Chrysene-d12	21.66	240	218261	20.00	ng	0.00
87) Perylene-d12	24.85	264	262127	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	138750	81.40	ng	0.00
7) Phenol-d6	7.20	99	192229	78.38	ng	0.00
23) Nitrobenzene-d5	9.17	82	184830	79.77	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	124588	77.61	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	494785	81.05	ng	0.00
79) Terphenyl-d14	20.00	244	948087	81.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	25744	38.757	ng	94
3) Pyridine	3.88	79	72744	43.414	ng	95
4) n-Nitrosodimethylamine	3.79	42	33174	39.235	ng	# 96
6) Aniline	7.34	93	112275	39.742	ng	96
8) 2-Chlorophenol	7.58	128	72814	38.697	ng	98
9) Benzaldehyde	7.15	77	46279	38.398	ng	92
10) Phenol	7.22	94	89391	39.888	ng	94
11) bis(2-Chloroethyl)ether	7.43	93	63794	36.819	ng	98
12) 1,3-Dichlorobenzene	7.90	146	94728	40.181	ng	97
13) 1,4-Dichlorobenzene	8.04	146	93914	39.373	ng	98
14) 1,2-Dichlorobenzene	8.37	146	91632	39.345	ng	97
15) Benzyl Alcohol	8.26	79	64522	37.461	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	91755	36.420	ng	99
17) 2-Methylphenol	8.47	107	63140	38.648	ng	94
18) Hexachloroethane	9.10	117	34164	39.699	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	59677	37.658	ng	98
20) 3+4-Methylphenols	8.80	107	85108	37.991	ng	95
22) Acetophenone	8.83	105	121507	39.719	ng	# 96
24) Nitrobenzene	9.22	77	86269	39.084	ng	98
25) Isophorone	9.74	82	164130	38.744	ng	97
26) 2-Nitrophenol	9.93	139	44220	41.496	ng	# 94
27) 2,4-Dimethylphenol	10.00	122	60344	39.509	ng	91
28) bis(2-Chloroethoxy)methane	10.22	93	90724	38.803	ng	99
29) 2,4-Dichlorophenol	10.48	162	78720	40.226	ng	94
30) 1,2,4-Trichlorobenzene	10.68	180	97847	39.671	ng	95
31) Naphthalene	10.86	128	244203	40.274	ng	97
32) Benzoic acid	10.16	122	29494	29.571	ng	92
33) 4-Chloroaniline	10.98	127	95932	38.596	ng	98
34) Hexachlorobutadiene	11.15	225	70922	38.898	ng	98
35) Caprolactam	11.75	113	27658	41.036	ng	# 90
36) 4-Chloro-3-methylphenol	12.12	107	82311	38.560	ng	94
37) 2-Methylnaphthalene	12.47	142	179649	38.614	ng	99
38) 1-Methylnaphthalene	12.47	142	179649	40.583	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	124344	39.828	ng	99

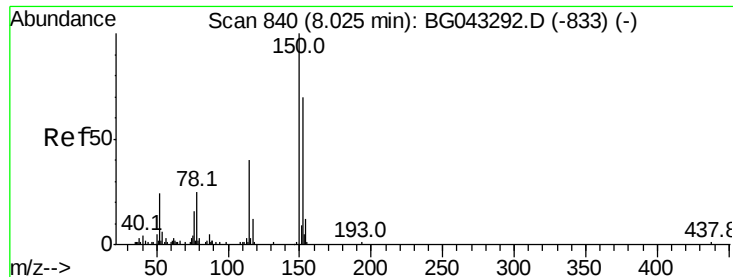
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
 Data File : BG043520.D
 Acq On : 6 Nov 2019 15:01
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 06 17:36:13 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)
41) Hexachlorocyclopentadiene	12.82	237	110117	67.144	ng	97
43) 2,4,6-Trichlorophenol	13.09	196	72026	39.175	ng	94
44) 2,4,5-Trichlorophenol	13.17	196	71704	38.576	ng	96
46) 1,1'-Biphenyl	13.48	154	256893	40.030	ng	100
47) 2-Chloronaphthalene	13.52	162	195583	40.054	ng	99
48) 2-Nitroaniline	13.73	65	61035	41.822	ng	99
49) Acenaphthylene	14.37	152	308475	40.591	ng	99
50) Dimethylphthalate	14.10	163	259705	39.746	ng	99
51) 2,6-Dinitrotoluene	14.21	165	56357	39.701	ng	95
52) Acenaphthene	14.71	154	183835	39.667	ng	95
53) 3-Nitroaniline	14.55	138	56152	40.971	ng	95
54) 2,4-Dinitrophenol	14.77	184	25104	33.025	ng	95
55) Dibenzofuran	15.04	168	300653	40.004	ng	97
56) 4-Nitrophenol	14.89	139	35357	38.497	ng	92
57) 2,4-Dinitrotoluene	15.01	165	81765	40.304	ng	98
58) Fluorene	15.69	166	251801	39.947	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	69906	35.398	ng	95
60) Diethylphthalate	15.45	149	262104	39.922	ng	97
61) 4-Chlorophenyl-phenylether	15.68	204	142259	38.686	ng	97
62) 4-Nitroaniline	15.72	138	60225	42.549	ng	94
63) Azobenzene	15.97	77	203851	38.364	ng	96
65) 4,6-Dinitro-2-methylphenol	15.78	198	46796	38.555	ng	93
66) n-Nitrosodiphenylamine	15.89	169	221831	38.097	ng	97
67) 4-Bromophenyl-phenylether	16.58	248	103541	37.304	ng	96
68) Hexachlorobenzene	16.70	284	120074	37.687	ng	98
69) Atrazine	16.84	200	73743	36.447	ng	97
70) Pentachlorophenol	17.05	266	56084	38.632	ng	99
71) Phenanthrene	17.43	178	408903	38.717	ng	99
72) Anthracene	17.52	178	400519	37.904	ng	99
73) Carbazole	17.80	167	382807	40.005	ng	100
74) Di-n-butylphthalate	18.34	149	459507	39.576	ng	99
75) Fluoranthene	19.44	202	519927	37.761	ng	99
77) Benzidine	19.63	184	203906	46.421	ng	98
78) Pyrene	19.81	202	536777	39.732	ng	100
80) Butylbenzylphthalate	20.68	149	207181	40.477	ng	96
81) Benzo(a)anthracene	21.64	228	550787	40.287	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	212434	40.173	ng	99
83) Chrysene	21.70	228	539905	39.746	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	293749	40.401	ng	100
85) Di-n-octyl phthalate	22.74	149	511353	41.454	ng	100
86) Indeno(1,2,3-cd)pyrene	28.51	276	712014	41.757	ng	# 98
88) Benzo(b)fluoranthene	23.84	252	584756	39.388	ng	100
89) Benzo(k)fluoranthene	23.91	252	586558	39.246	ng	100
90) Benzo(a)pyrene	24.71	252	556804	39.275	ng	99
91) Dibenzo(a,h)anthracene	28.56	278	591636	40.800	ng	100
92) Benzo(g,h,i)perylene	29.65	276	565382	39.527	ng	98

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

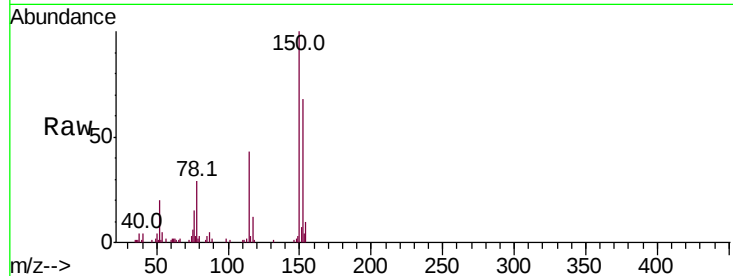


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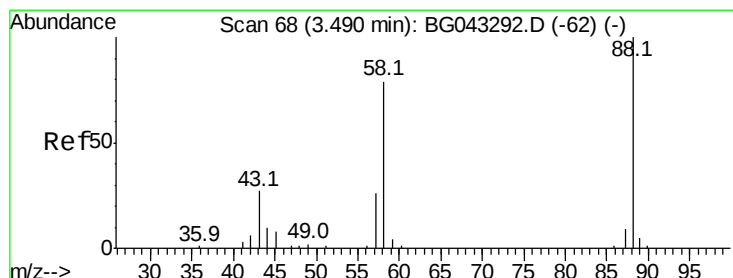
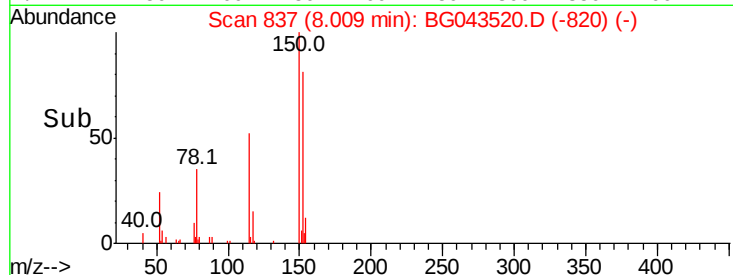
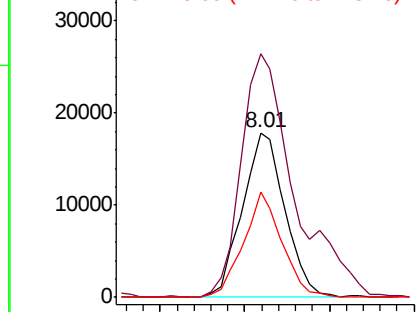
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31235
Ion Ratio Lower Upper
152 100
150 147.7 129.4 194.0
115 64.2 48.8 73.2



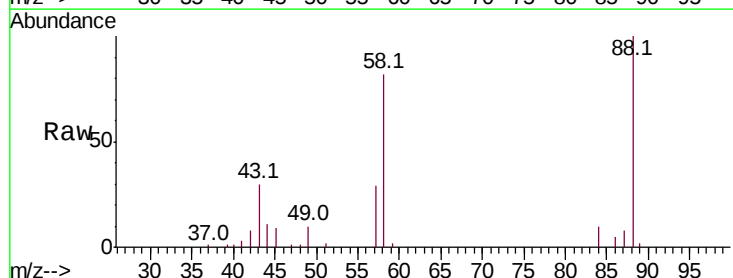
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



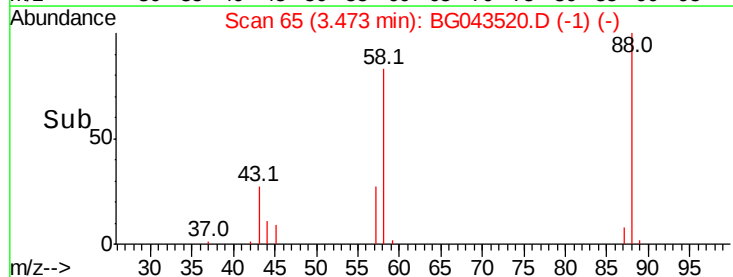
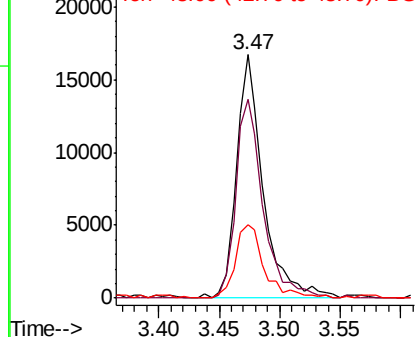
#2

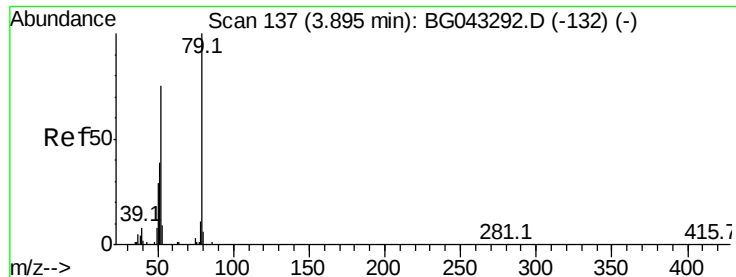
1,4-Dioxane
Concen: 38.757 ng
RT: 3.47 min Scan# 65
Delta R.T. 0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Tgt Ion: 88 Resp: 25744
Ion Ratio Lower Upper
88 100
58 83.4 62.7 94.1
43 32.9 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: 43.414 ng

RT: 3.88 min Scan# 134

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Instrument :

BNA_G

ClientSampleId :

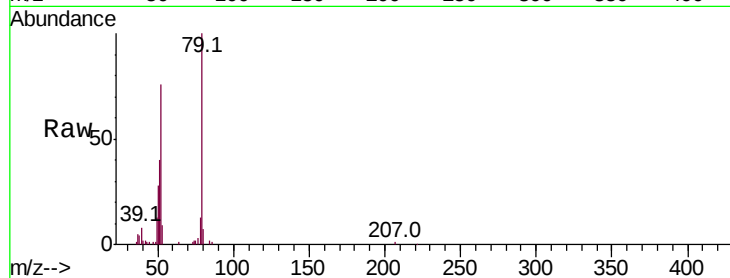
Tot Ion: 79 Resp: 72744

Ion Ratio Lower Upper

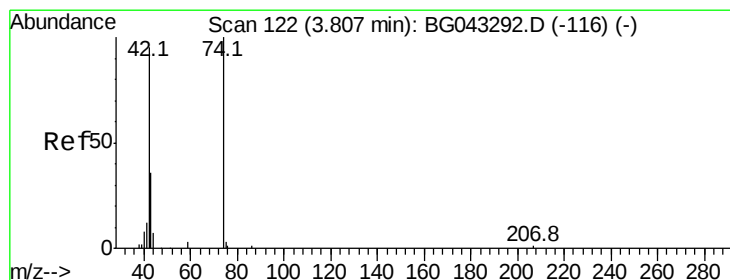
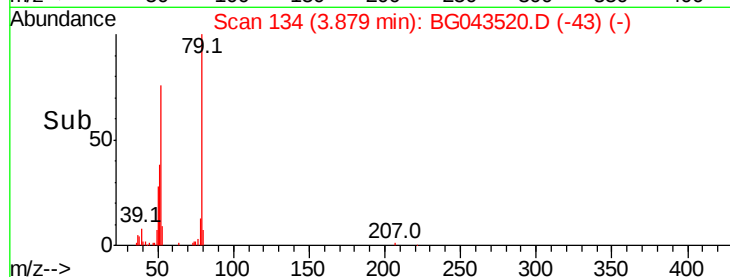
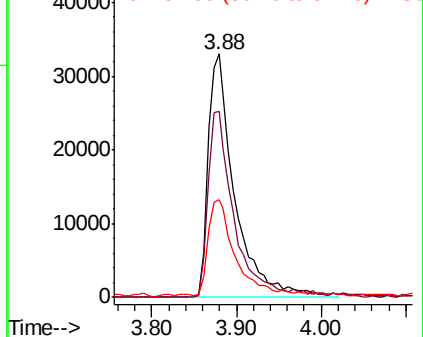
79 100

52 76.2 56.5 84.7

51 40.1 33.2 49.8



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



#4

n-Nitrosodimethylamine

Concen: 39.235 ng

RT: 3.79 min Scan# 119

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

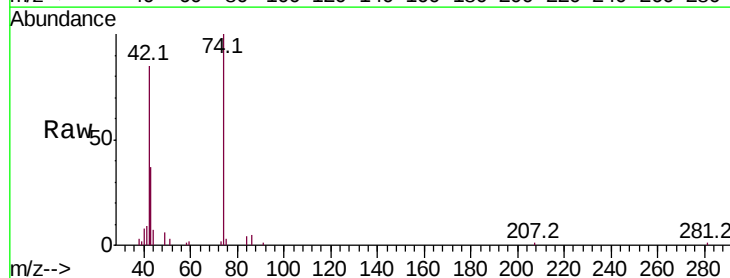
Tgt Ion: 42 Resp: 33174

Ion Ratio Lower Upper

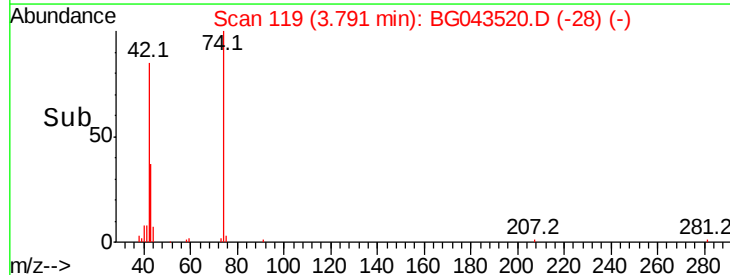
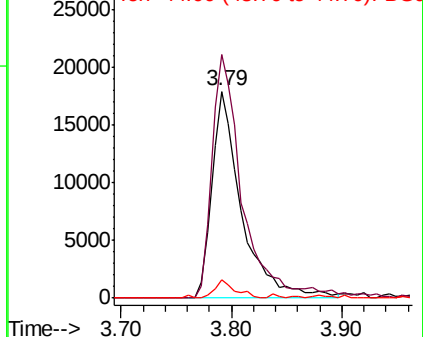
42 100

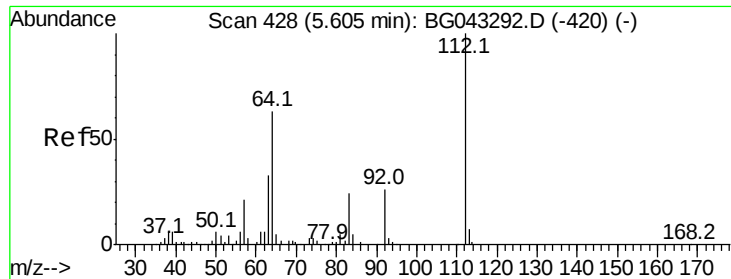
74 117.9 97.3 145.9

44 8.8 4.4 6.6#



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





#5

2-Fluorophenol

Concen: 81.400 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Instrument :

BNA_G

ClientSampled :

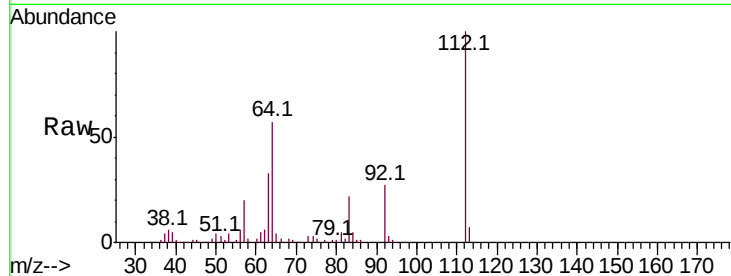
Tot Ion:112 Resp: 138750

Ion Ratio Lower Upper

112 100

64 56.6 50.0 75.0

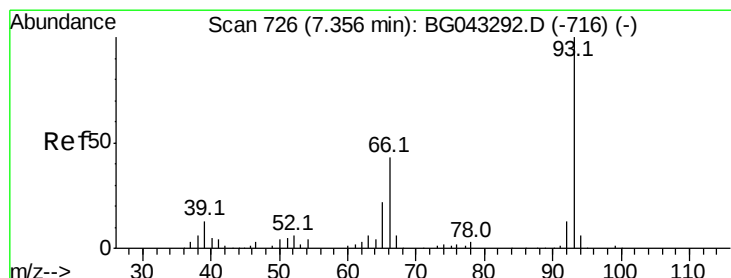
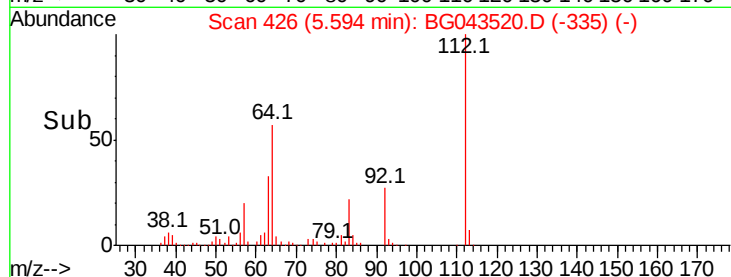
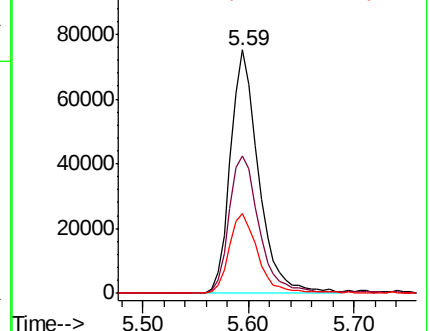
63 32.8 26.6 40.0



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: 39.742 ng

RT: 7.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

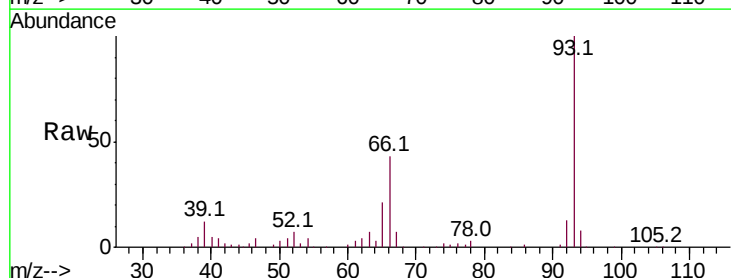
Tgt Ion: 93 Resp: 112275

Ion Ratio Lower Upper

93 100

66 43.5 32.3 48.5

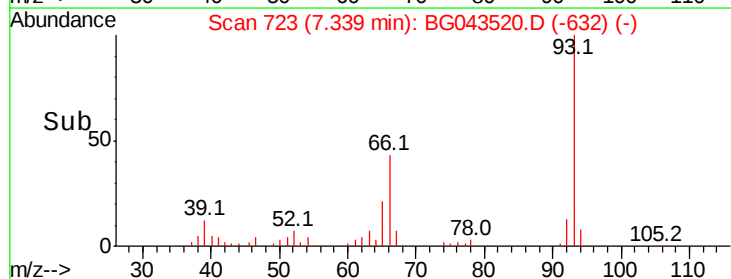
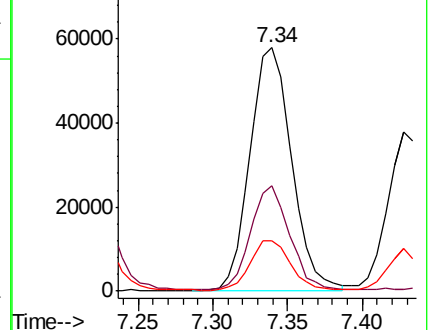
65 20.5 16.1 24.1

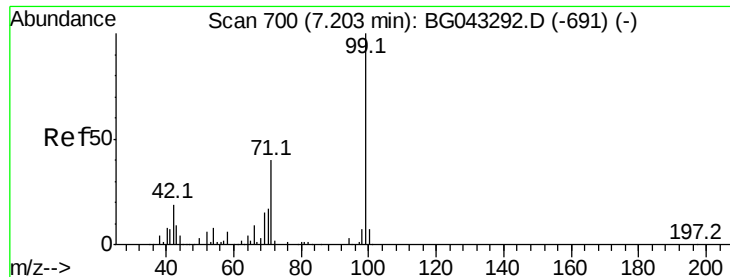


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.383 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Instrument :

BNA_G

ClientSampleId :

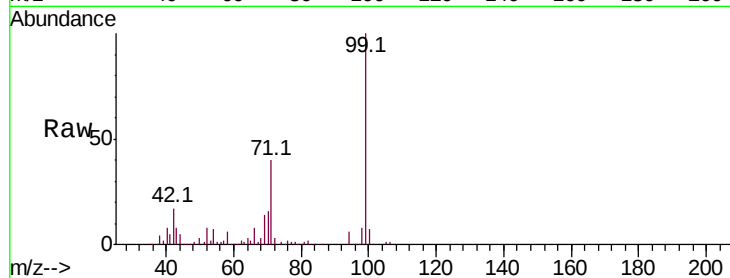
Tot Ion: 99 Resp: 192229

Ion Ratio Lower Upper

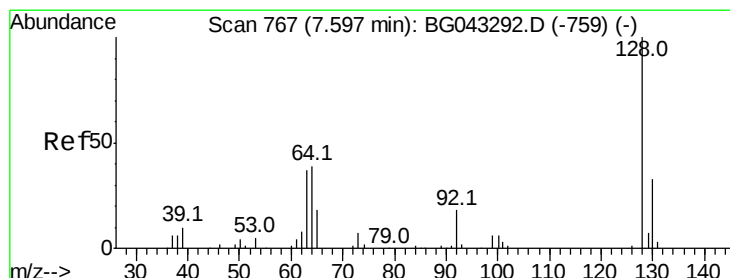
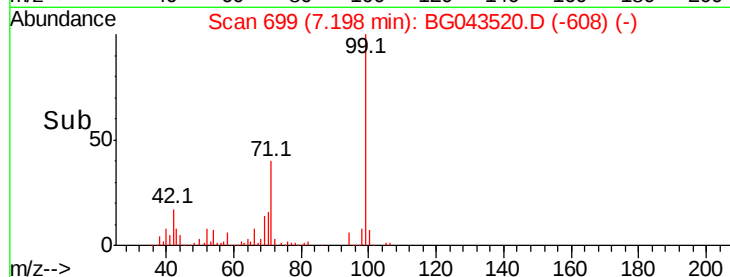
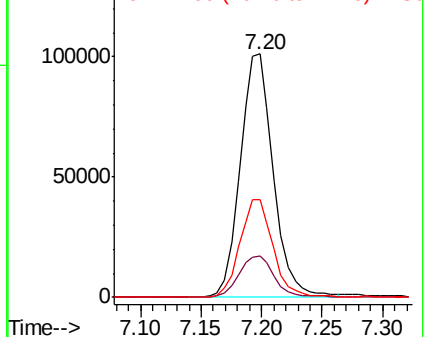
99 100

42 17.2 14.6 21.8

71 40.1 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: 38.697 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

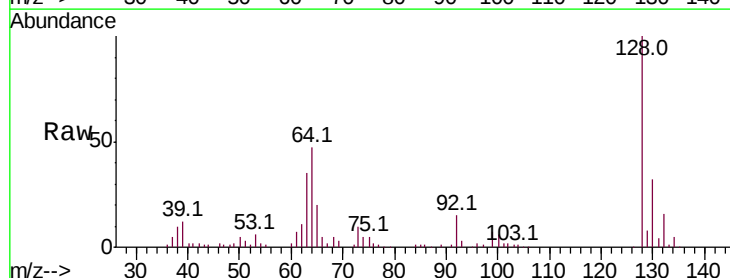
Tgt Ion: 128 Resp: 72814

Ion Ratio Lower Upper

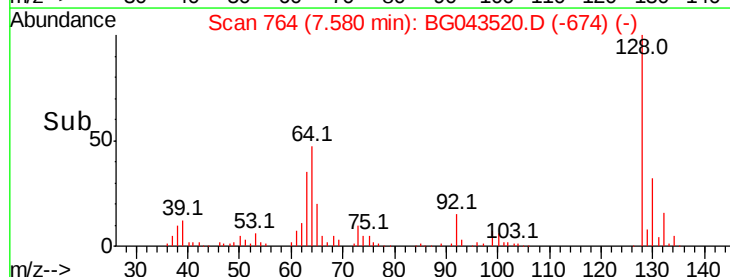
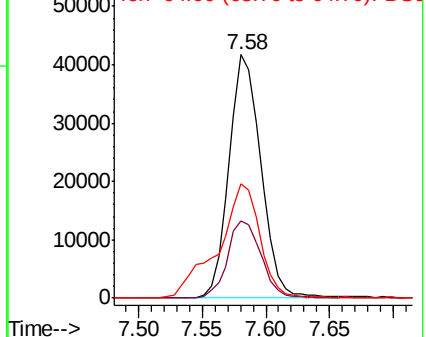
128 100

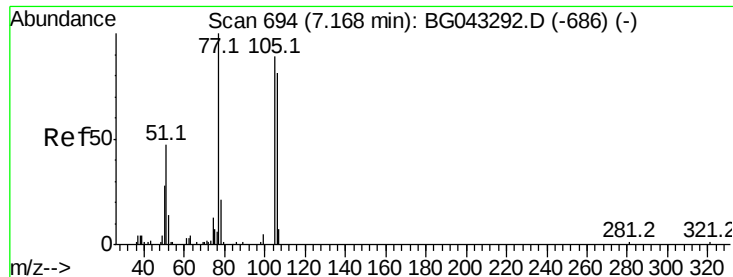
130 31.7 12.5 52.5

64 46.7 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: 38.398 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Instrument :

BNA_G

ClientSampleId :

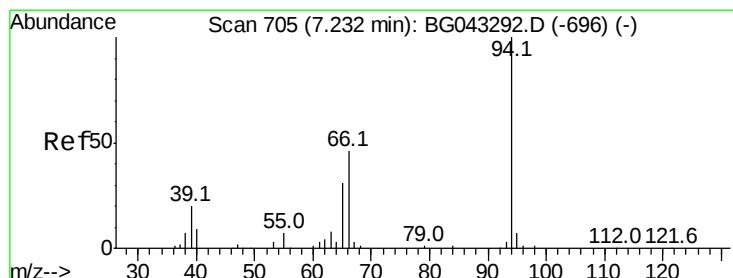
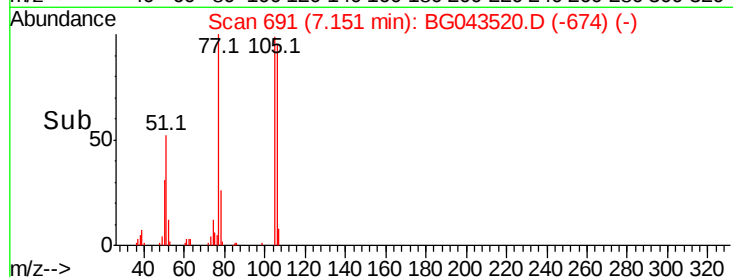
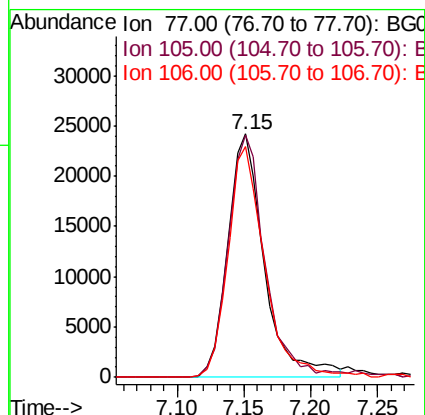
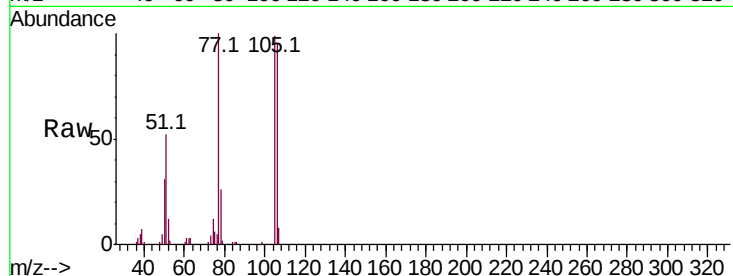
Tot Ion: 77 Resp: 46279

Ion Ratio Lower Upper

77 100

105 99.4 68.6 108.6

106 94.8 69.9 109.9



#10

Phenol

Concen: 39.888 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

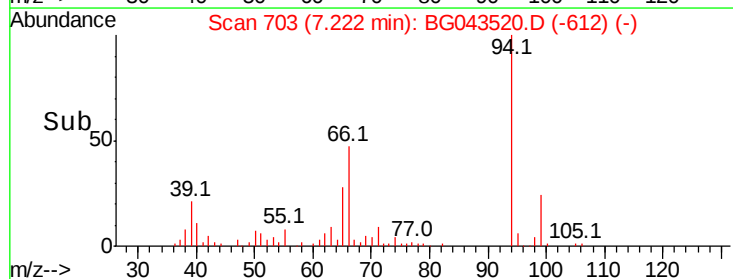
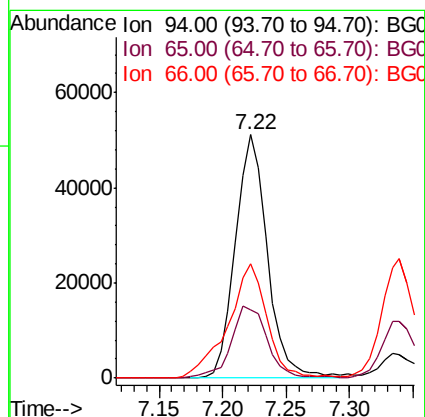
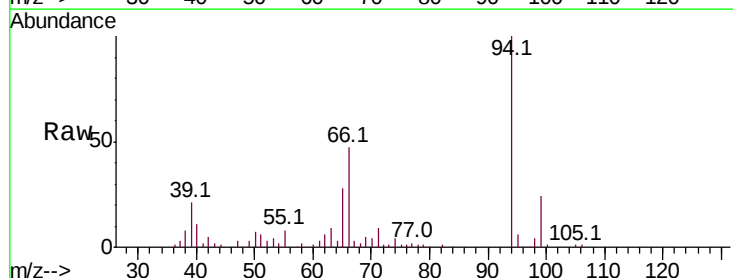
Tgt Ion: 94 Resp: 89391

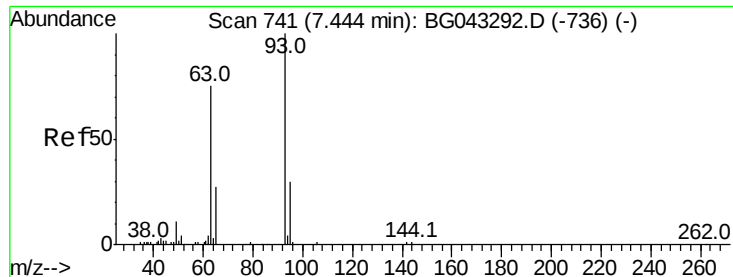
Ion Ratio Lower Upper

94 100

65 28.0 12.6 52.6

66 47.0 30.7 70.7





#11

bis(2-Chloroethyl)ether

Concen: 36.819 ng

RT: 7.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Instrument :

BNA_G

ClientSampleId :

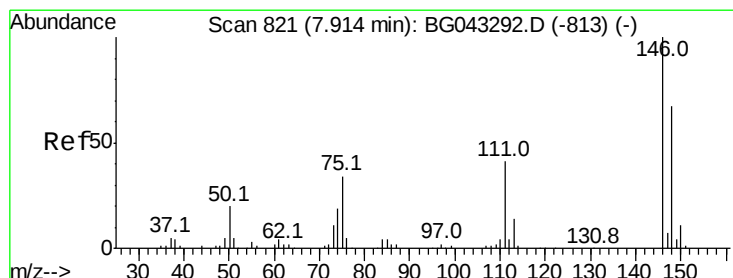
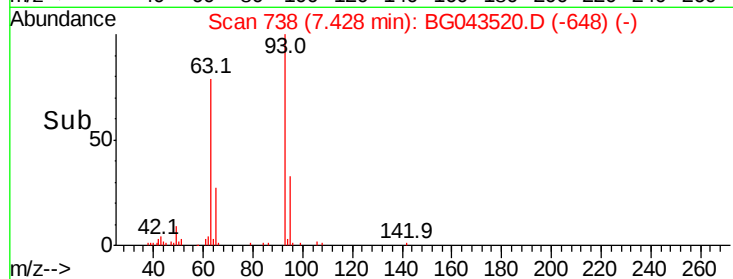
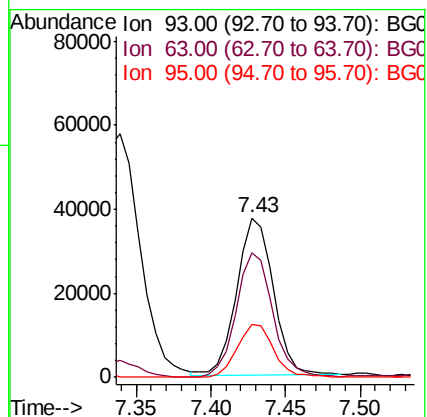
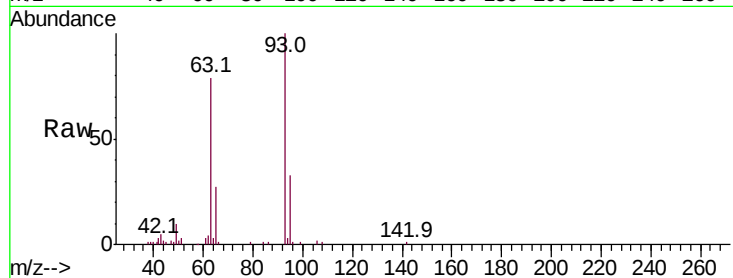
Tot Ion: 93 Resp: 63794

Ion Ratio Lower Upper

93 100

63 78.6 56.3 96.3

95 33.1 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 40.181 ng

RT: 7.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

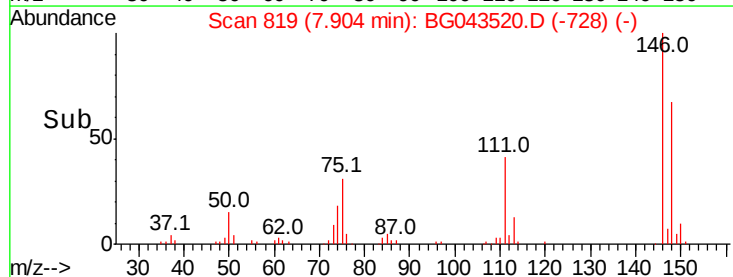
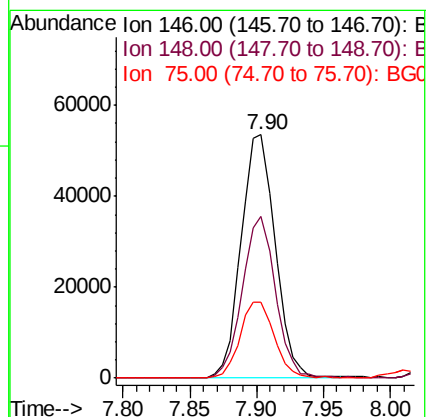
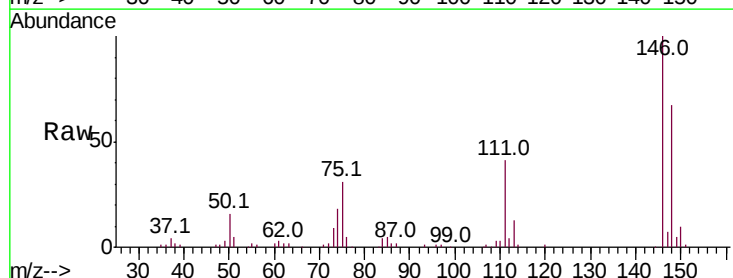
Tgt Ion: 146 Resp: 94728

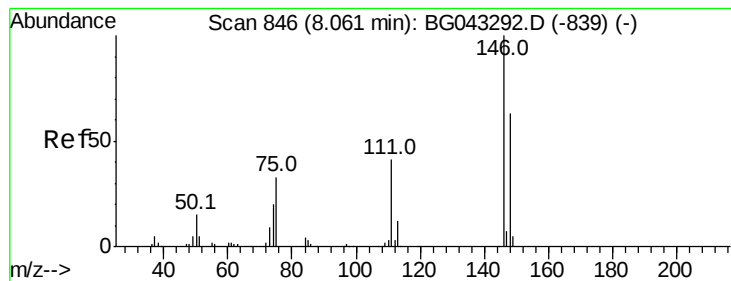
Ion Ratio Lower Upper

146 100

148 66.6 50.3 75.5

75 31.1 24.6 37.0





#13

1,4-Dichlorobenzene

Concen: 39.373 ng

RT: 8.04 min Scan# 843

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Instrument :

BNA_G

ClientSampleId :

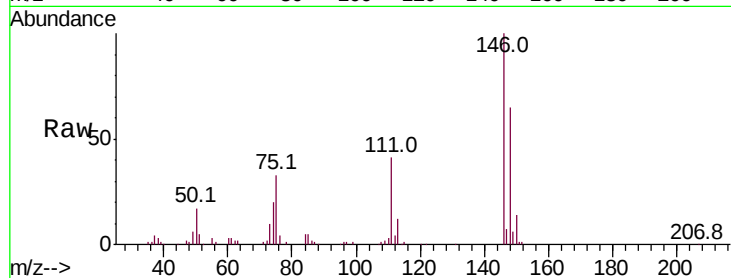
Tot Ion:146 Resp: 93914

Ion Ratio Lower Upper

146 100

148 65.2 50.7 76.1

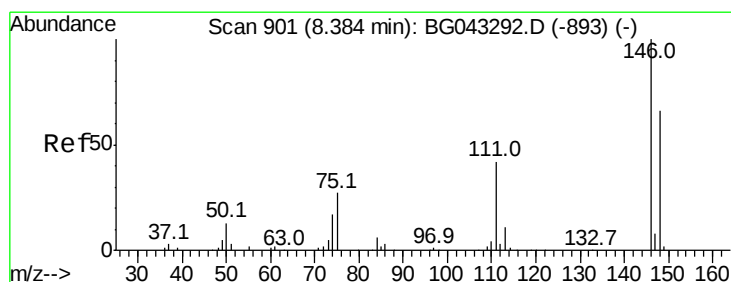
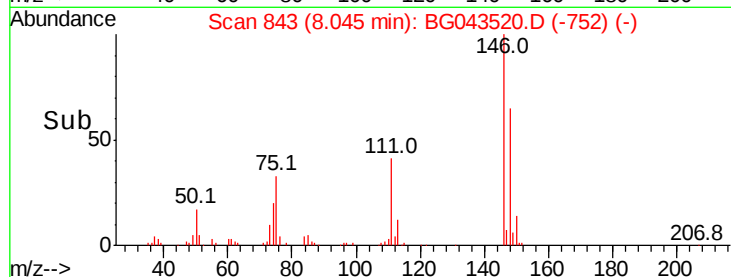
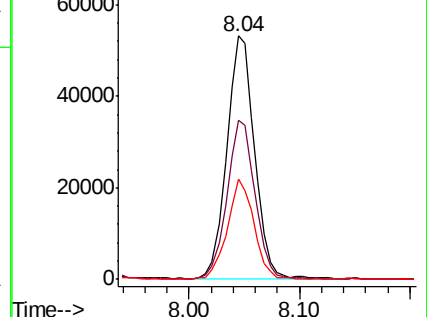
111 41.2 33.4 50.2



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: 39.345 ng

RT: 8.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

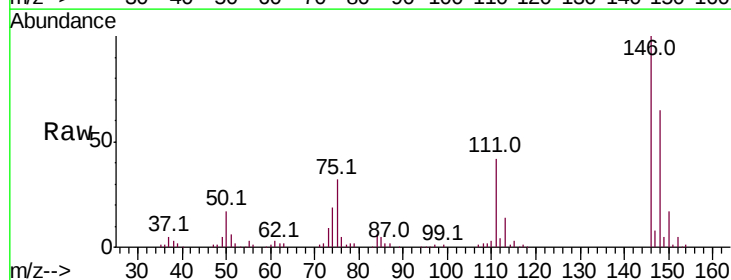
Tgt Ion:146 Resp: 91632

Ion Ratio Lower Upper

146 100

148 64.6 53.2 79.8

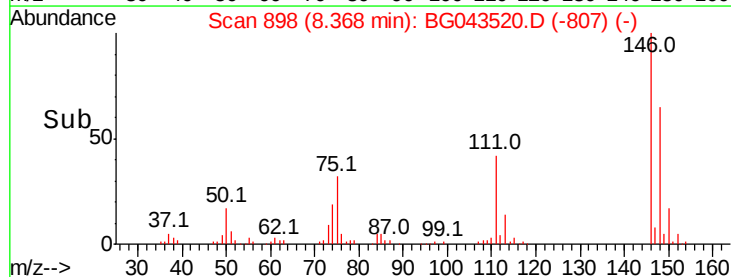
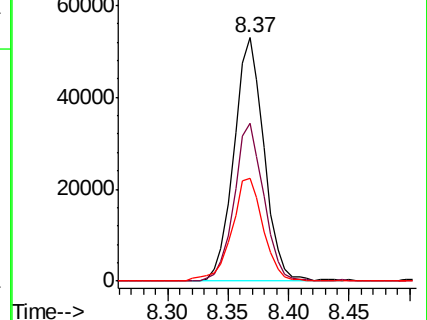
111 42.1 35.8 53.6

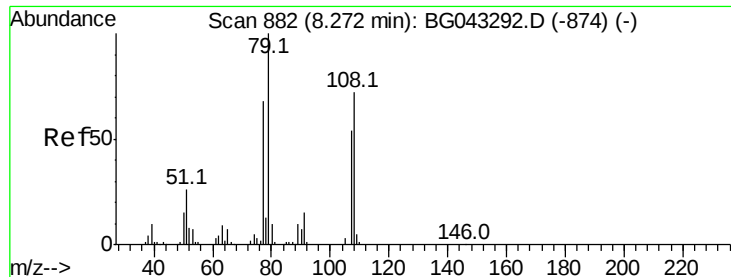


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.461 ng

RT: 8.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Instrument :

BNA_G

ClientSampled :

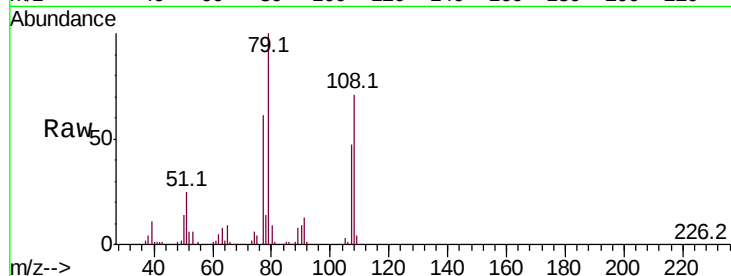
Tot Ion: 79 Resp: 64522

Ion Ratio Lower Upper

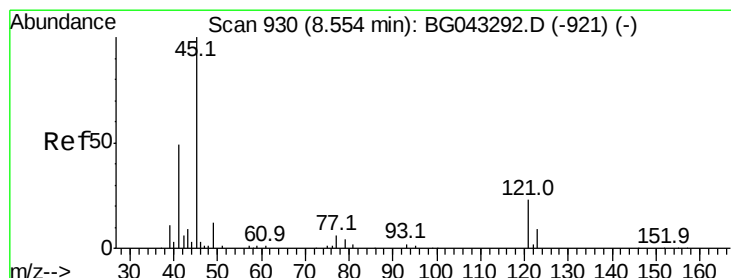
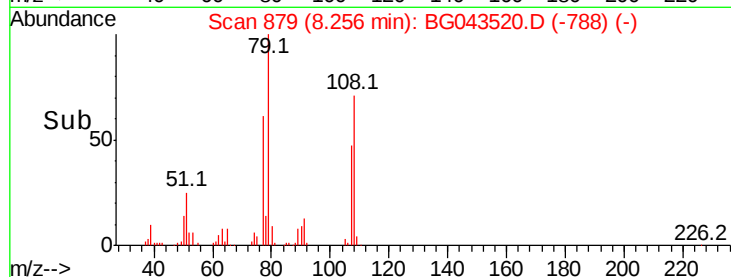
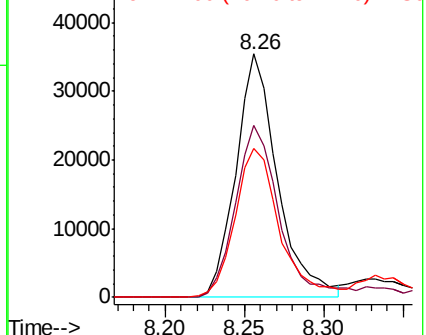
79 100

108 70.8 53.6 80.4

77 61.2 49.6 74.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.420 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

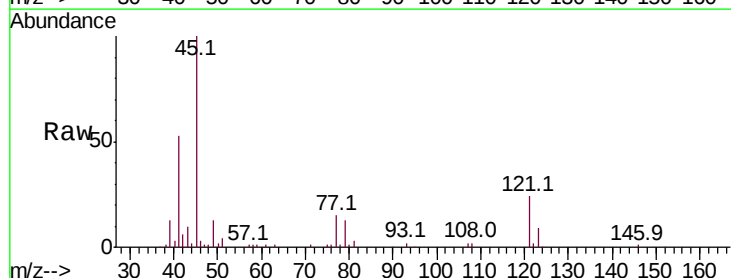
Tgt Ion: 45 Resp: 91755

Ion Ratio Lower Upper

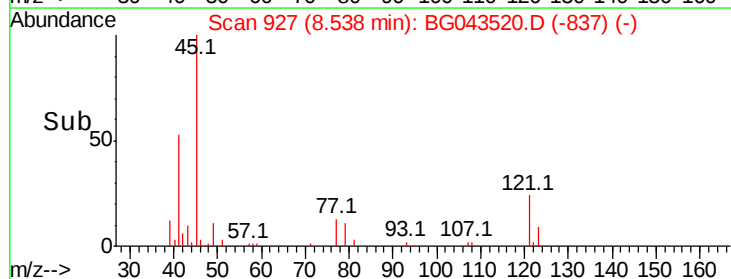
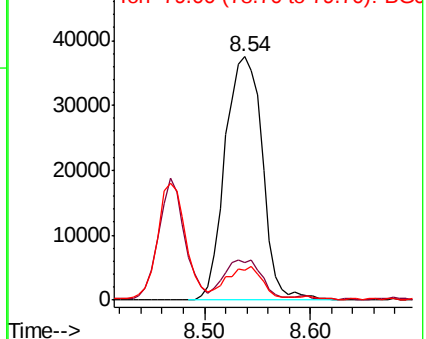
45 100

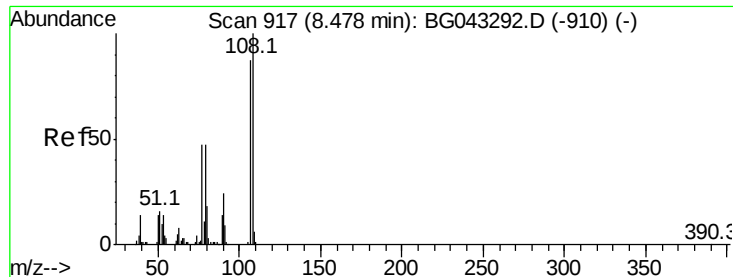
77 15.2 0.0 34.9

79 12.5 0.0 33.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 38.648 ng

RT: 8.47 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 63140

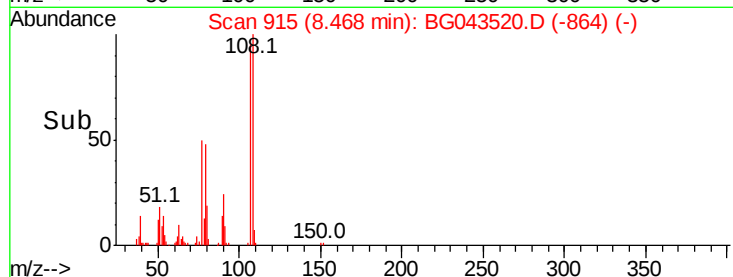
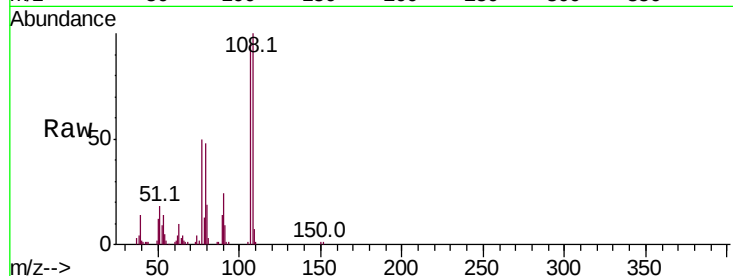
Ion Ratio Lower Upper

107 100

108 104.7 90.2 135.4

77 52.6 40.2 60.2

79 50.7 44.0 66.0

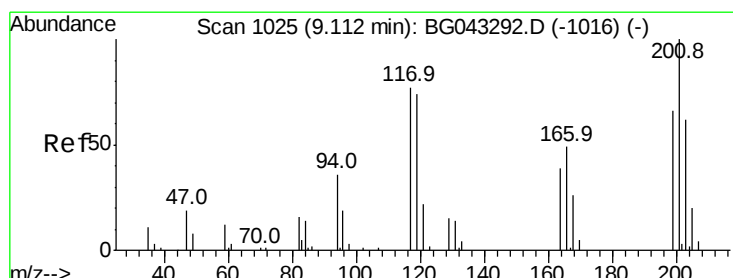
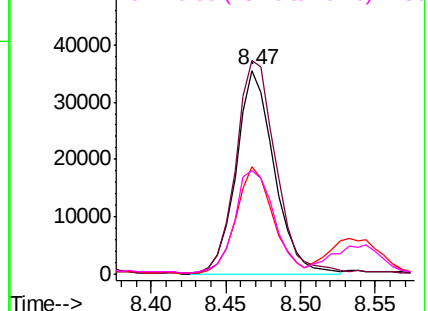


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.699 ng

RT: 9.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

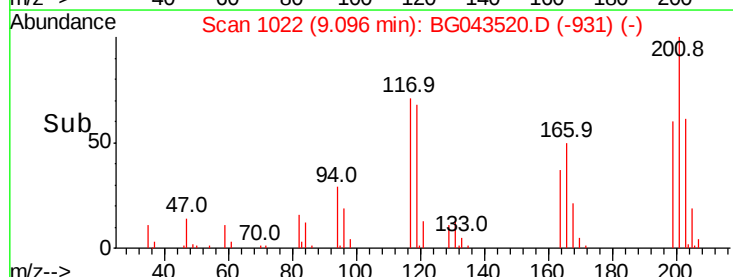
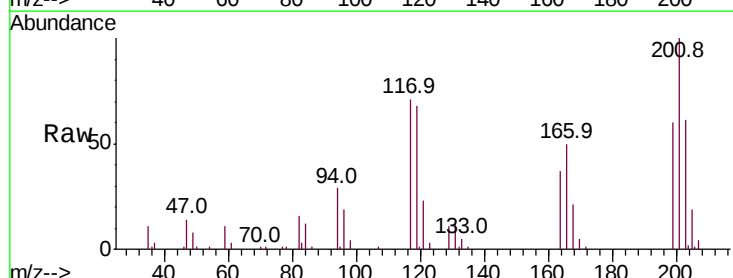
Tgt Ion:117 Resp: 34164

Ion Ratio Lower Upper

117 100

119 96.2 79.0 118.4

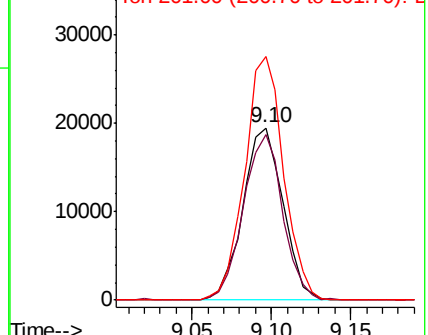
201 141.1 105.4 158.2

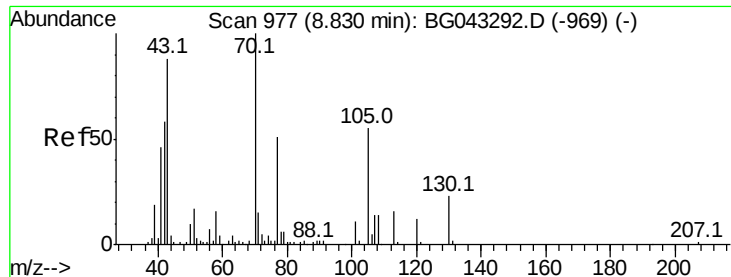


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

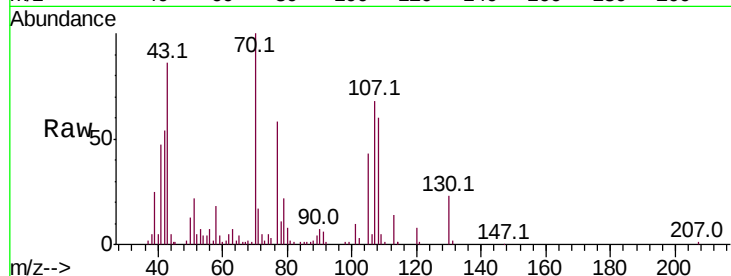




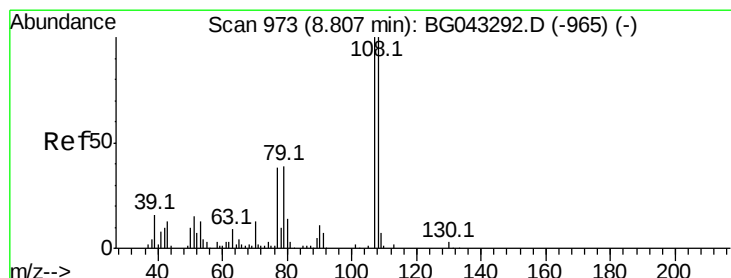
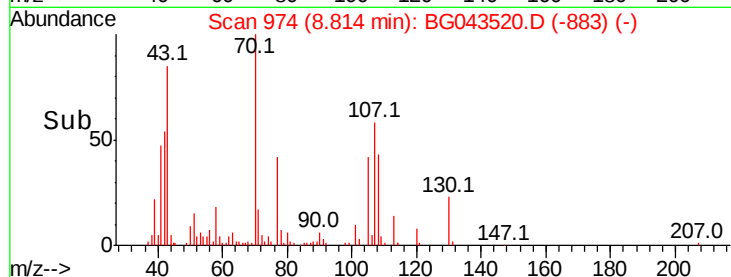
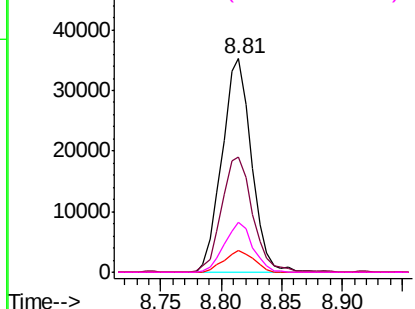
#19
n-Nitroso-di-n-propylamine
Concen: 37.658 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 59677
Ion Ratio Lower Upper
70 100
42 53.8 41.4 62.2
101 10.5 7.9 11.9
130 23.1 19.0 28.4

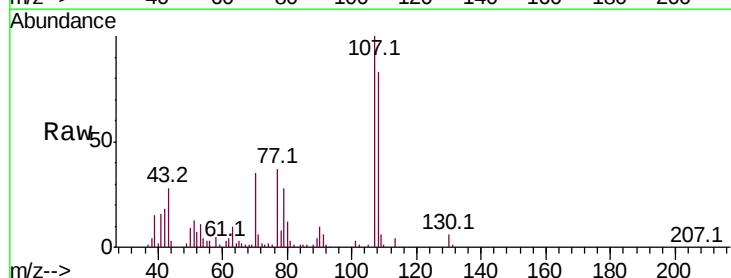


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

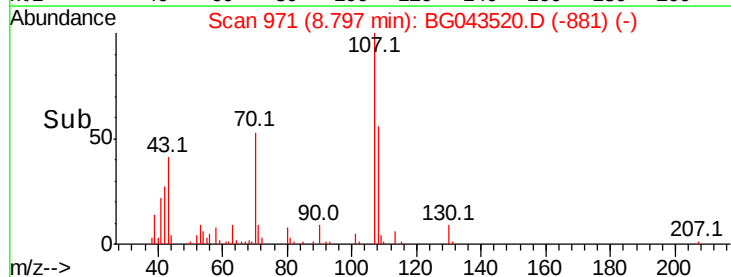
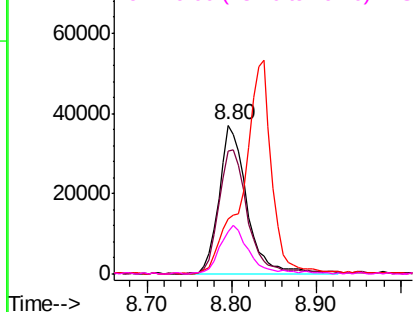


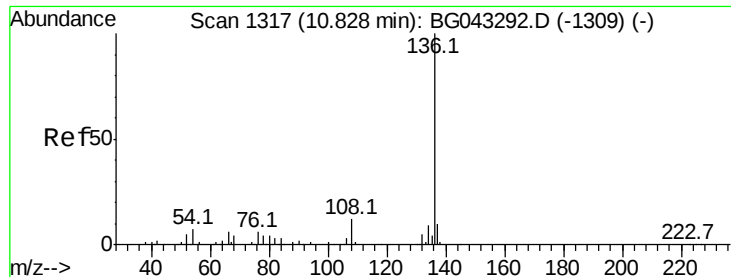
#20
3+4-Methylphenols
Concen: 37.991 ng
RT: 8.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Tgt Ion: 107 Resp: 85108
Ion Ratio Lower Upper
107 100
108 82.5 66.6 106.6
77 36.9 20.9 60.9
79 28.1 11.3 51.3



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

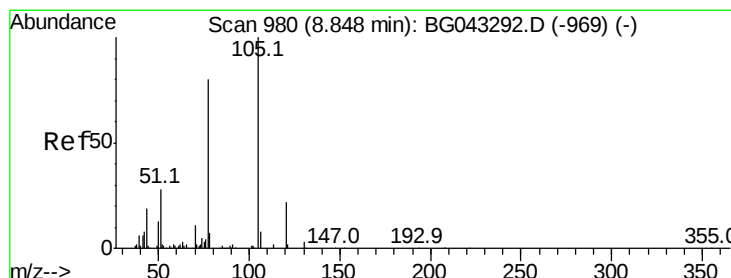
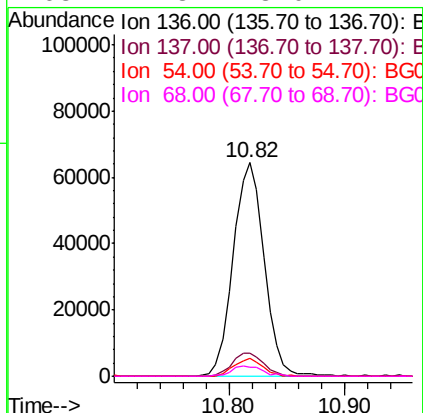
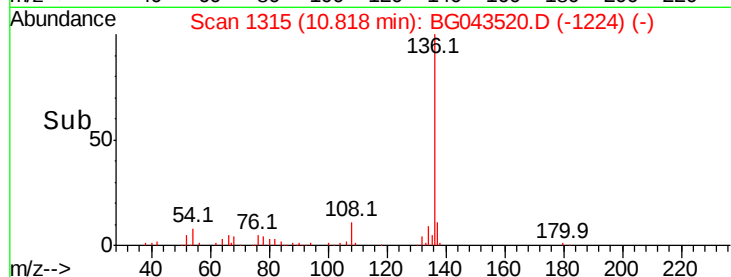
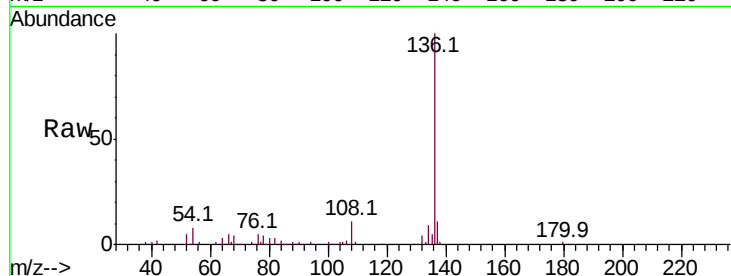




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

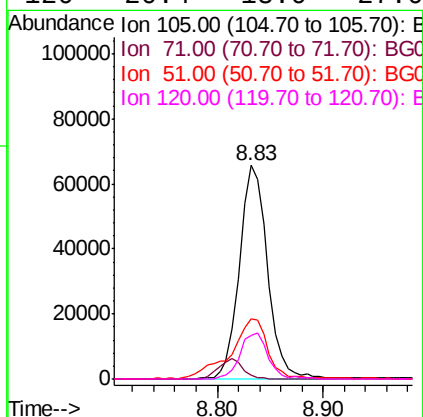
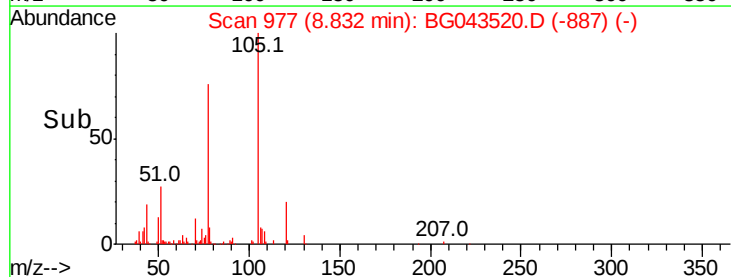
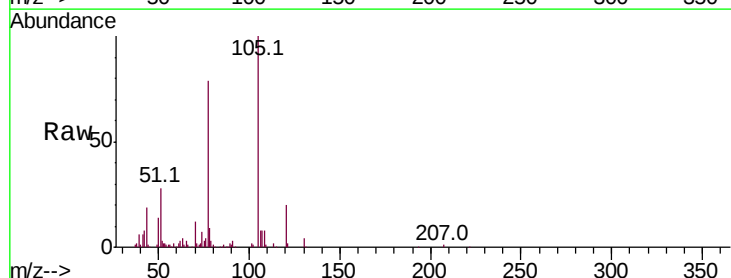
Instrument :
BNA_G
ClientSampleId :

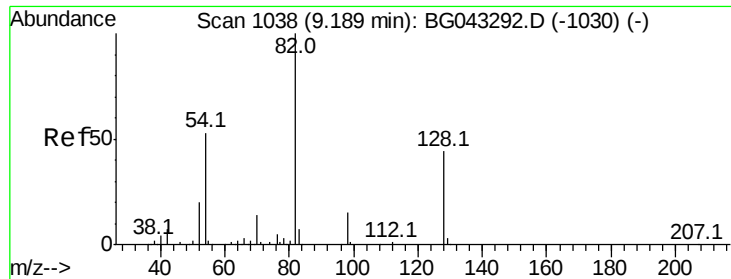
Tot Ion:136	Resp:	119457
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	8.2	5.4 8.2#
68	4.3	3.0 4.4



#22
Acetophenone
Concen: 39.719 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Tgt Ion:105	Resp:	121507
Ion Ratio	Lower	Upper
105	100	
71	1.7	0.8 1.2#
51	28.5	21.0 31.4
120	20.4	18.0 27.0

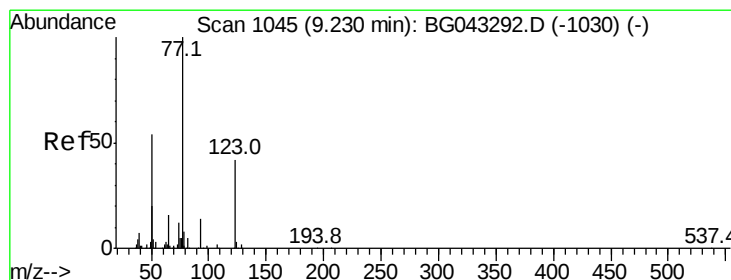
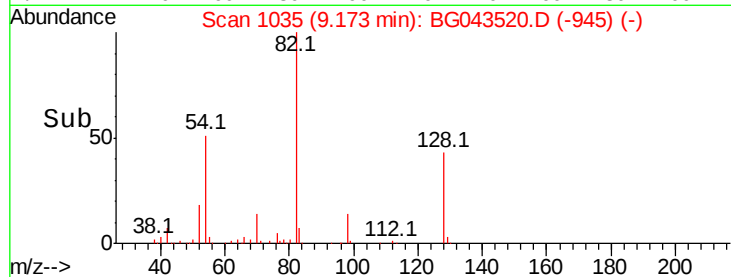
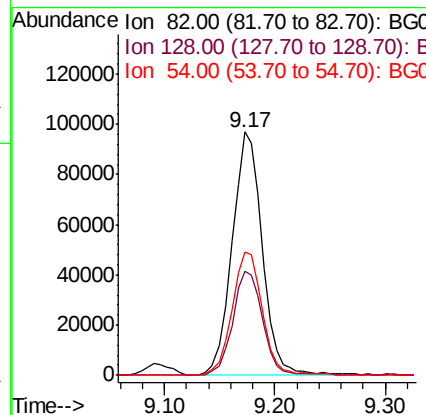
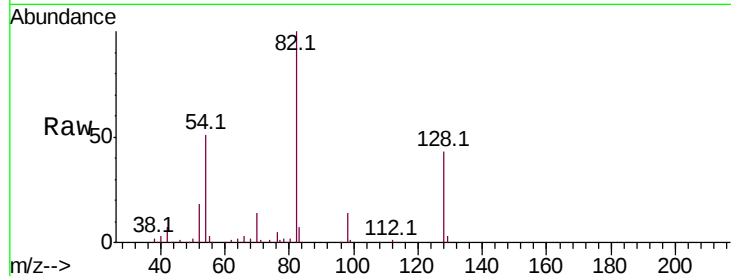




#23
 Nitrobenzene-d5
 Concen: 79.768 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG043520.D
 Acq: 6 Nov 2019 15:01

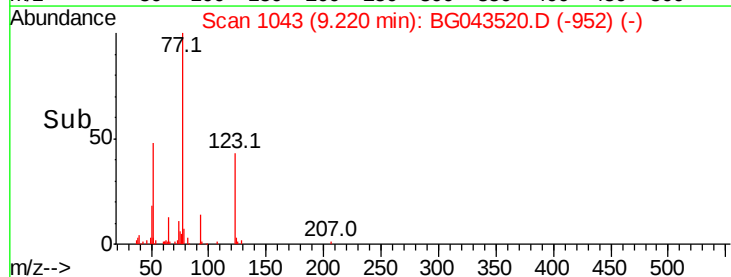
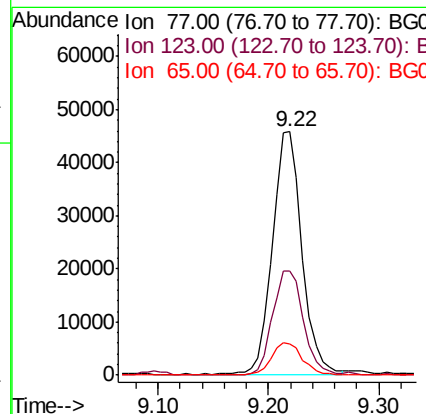
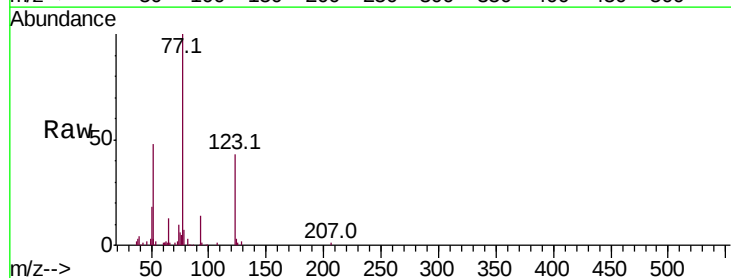
Instrument :
 BNA_G
 ClientSampleId :

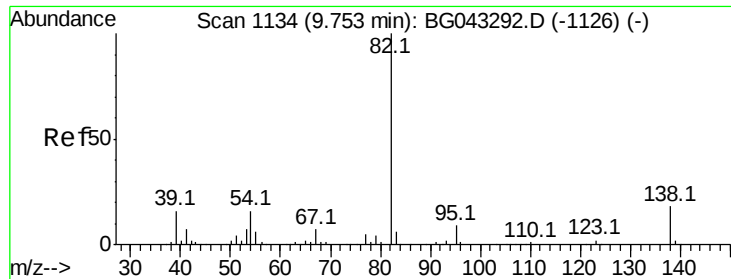
Tot Ion: 82 Resp: 184830
 Ion Ratio Lower Upper
 82 100
 128 42.6 35.0 52.6
 54 50.9 40.2 60.2



#24
 Nitrobenzene
 Concen: 39.084 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG043520.D
 Acq: 6 Nov 2019 15:01

Tgt Ion: 77 Resp: 86269
 Ion Ratio Lower Upper
 77 100
 123 42.8 35.0 52.6
 65 13.0 9.5 14.3





#25

Isophorone

Concen: 38.744 ng

RT: 9.74 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Instrument :

BNA_G

ClientSampleId :

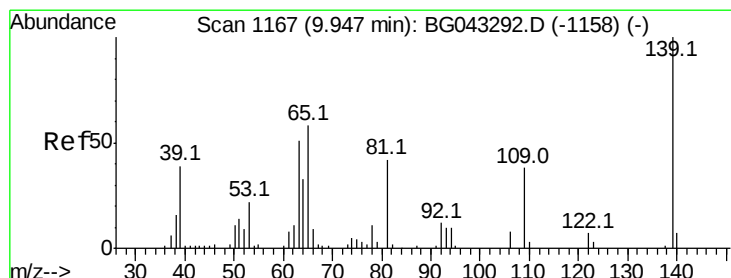
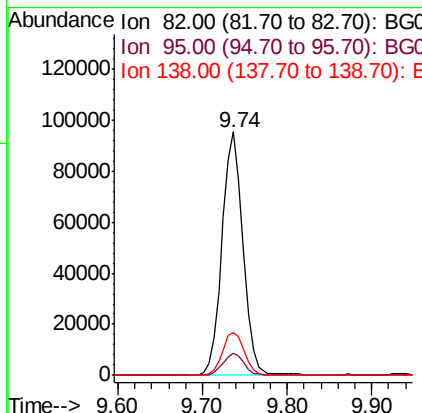
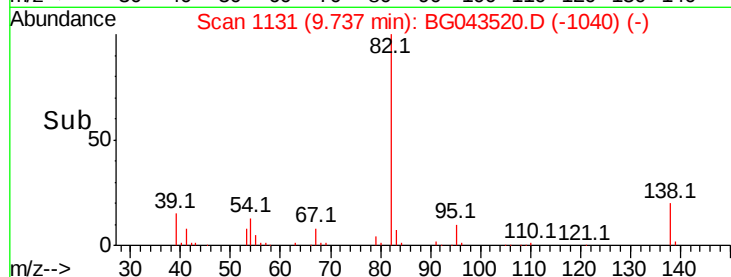
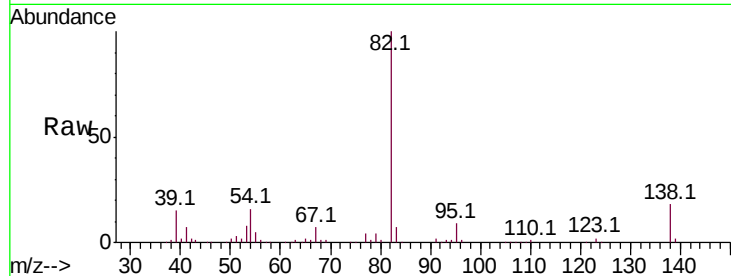
Tot Ion: 82 Resp: 164130

Ion Ratio Lower Upper

82 100

95 8.9 6.6 9.8

138 17.8 15.2 22.8



#26

2-Nitrophenol

Concen: 41.496 ng

RT: 9.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

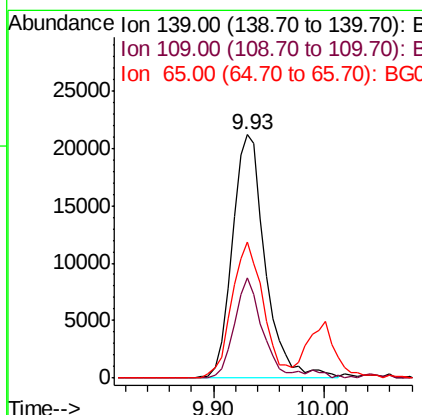
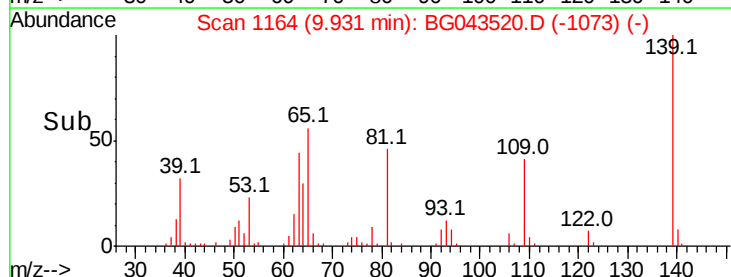
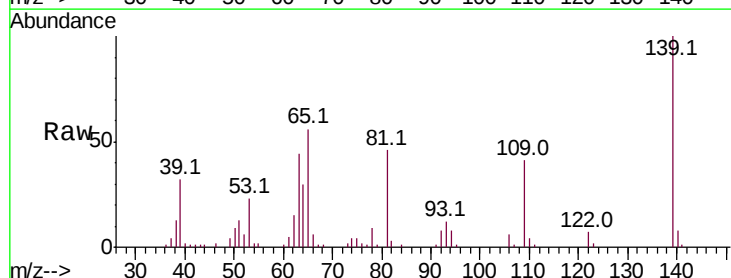
Tgt Ion: 139 Resp: 44220

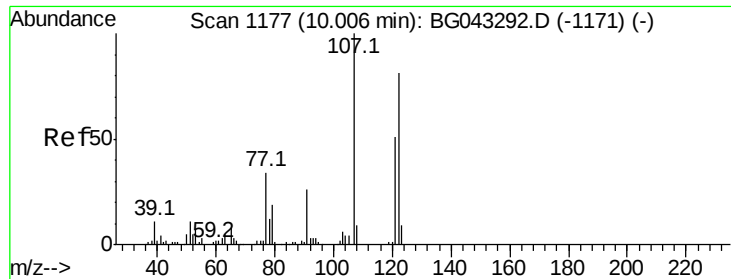
Ion Ratio Lower Upper

139 100

109 41.0 26.5 39.7#

65 56.0 43.8 65.8

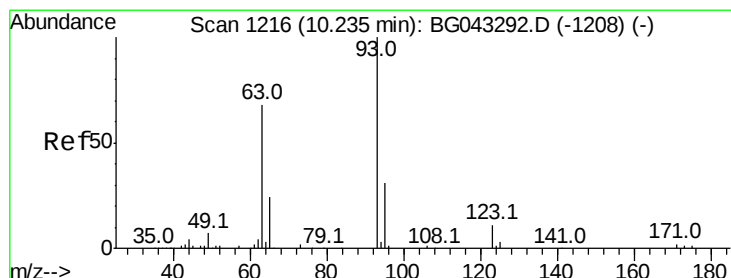
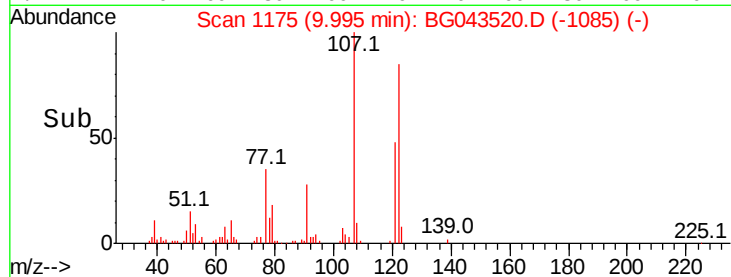
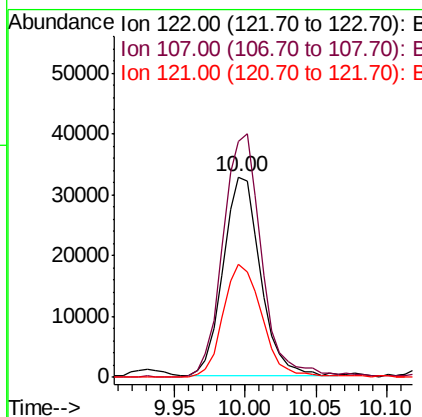
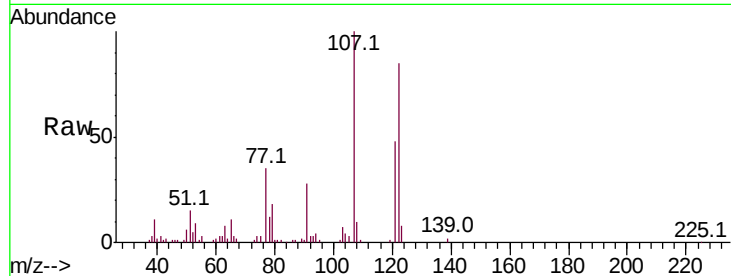




#27
2,4-Dimethylphenol
Concen: 39.509 ng
RT: 10.00 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

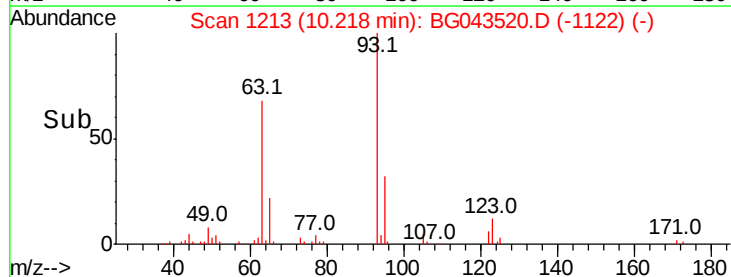
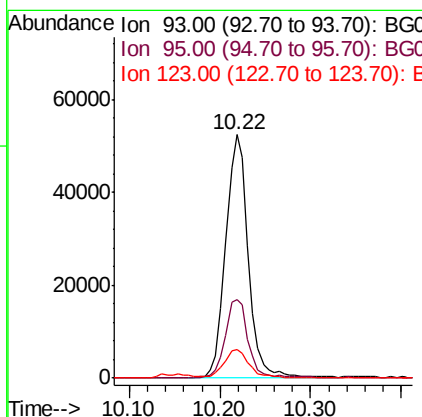
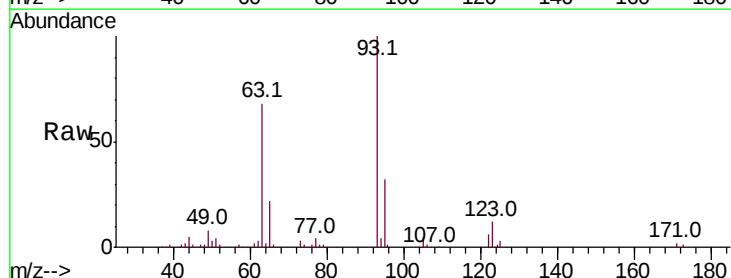
Instrument :
BNA_G
ClientSampled :

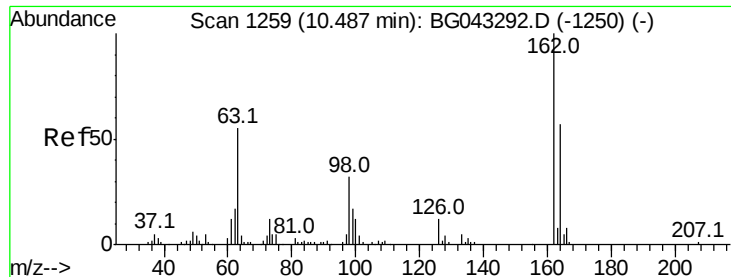
Tot Ion:122 Resp: 60344
Ion Ratio Lower Upper
122 100
107 117.6 104.4 156.6
121 56.7 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 38.803 ng
RT: 10.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Tgt Ion: 93 Resp: 90724
Ion Ratio Lower Upper
93 100
95 32.4 26.0 39.0
123 11.8 10.6 15.8

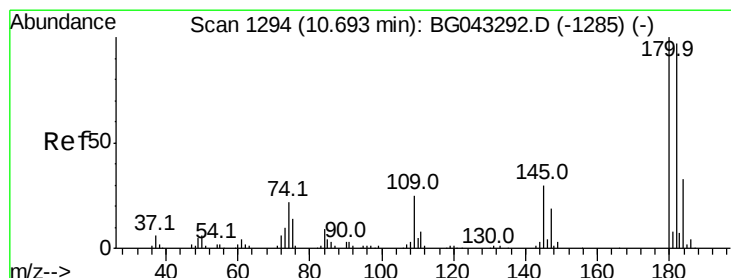
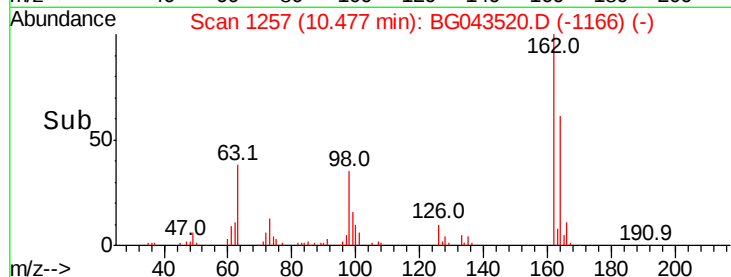
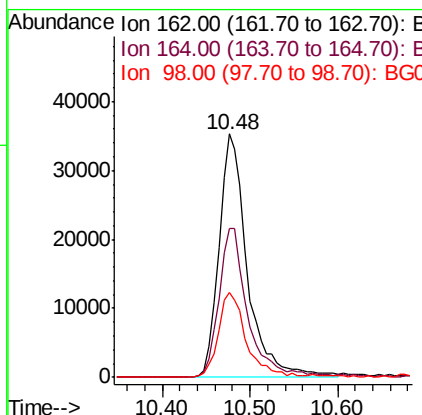
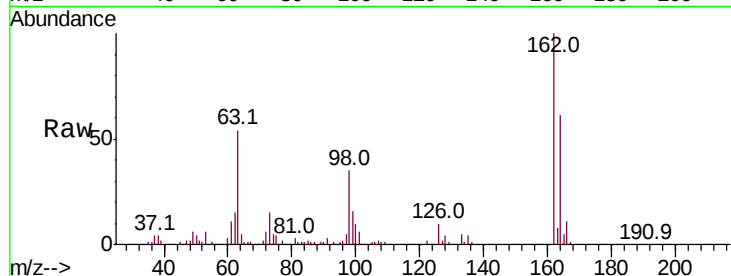




#29
2,4-Dichlorophenol
Concen: 40.226 ng
RT: 10.48 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

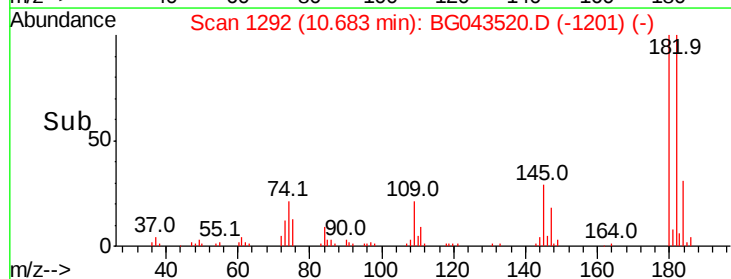
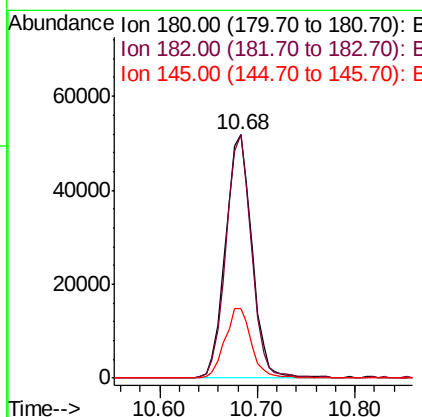
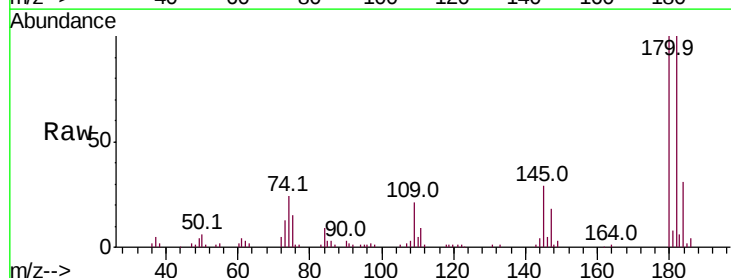
Instrument :
BNA_G
ClientSampled :

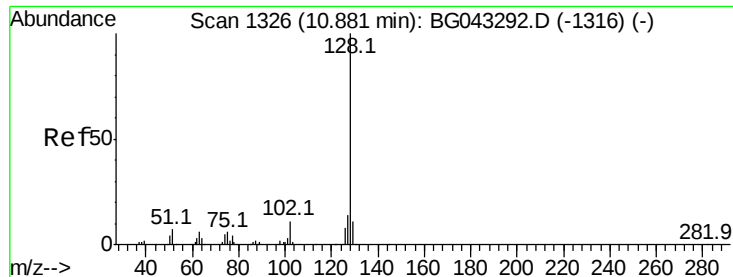
Tot Ion:162 Resp: 78720
Ion Ratio Lower Upper
162 100
164 61.3 48.9 88.9
98 35.1 15.1 55.1



#30
1,2,4-Trichlorobenzene
Concen: 39.671 ng
RT: 10.68 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Tgt Ion:180 Resp: 97847
Ion Ratio Lower Upper
180 100
182 99.8 75.1 112.7
145 28.5 23.9 35.9

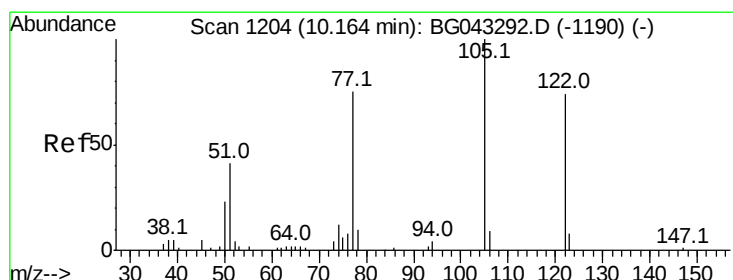
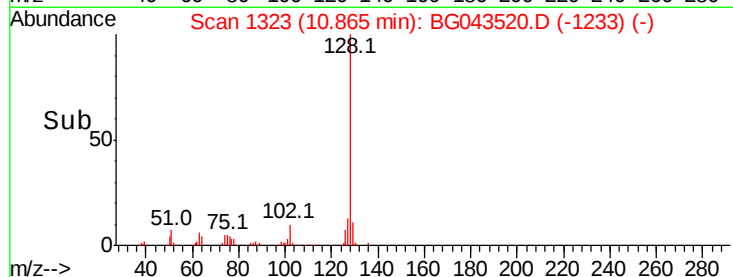
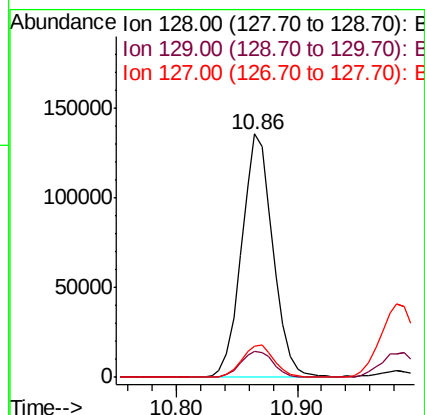
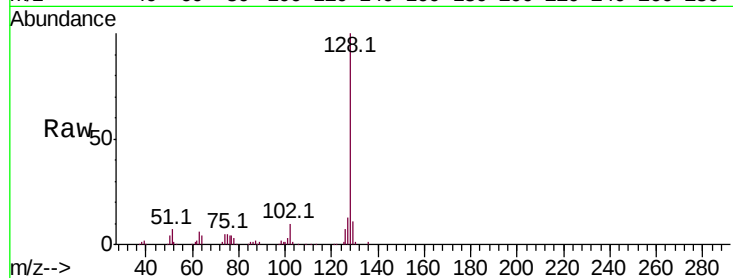




#31
Naphthalene
Concen: 40.274 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

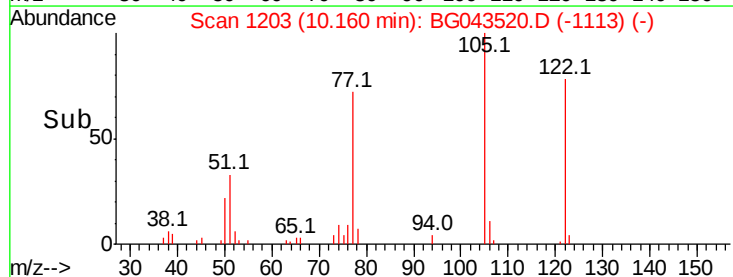
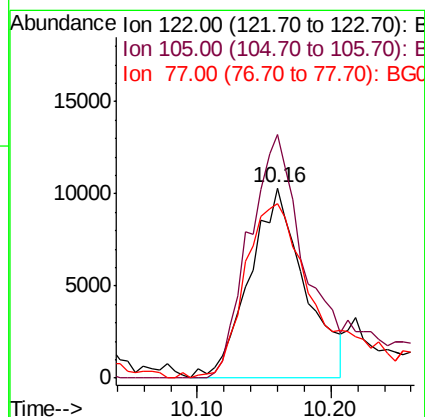
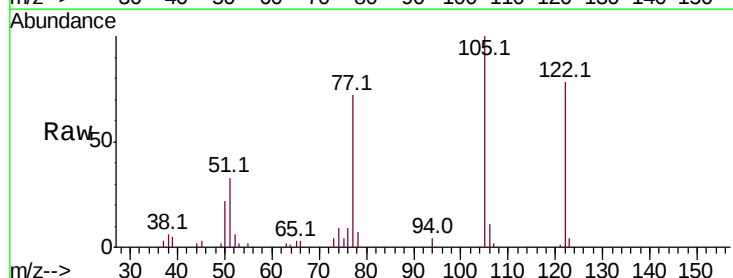
Instrument :
BNA_G
ClientSampleId :

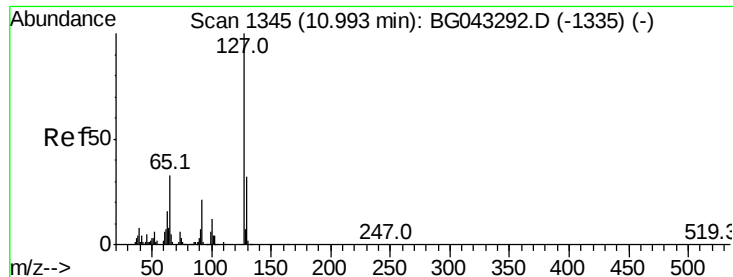
Tot Ion:128 Resp: 244203
Ion Ratio Lower Upper
128 100
129 10.6 9.4 14.0
127 12.8 11.1 16.7



#32
Benzoic acid
Concen: 29.571 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Tgt Ion:122 Resp: 29494
Ion Ratio Lower Upper
122 100
105 127.8 103.3 143.3
77 91.5 84.9 124.9

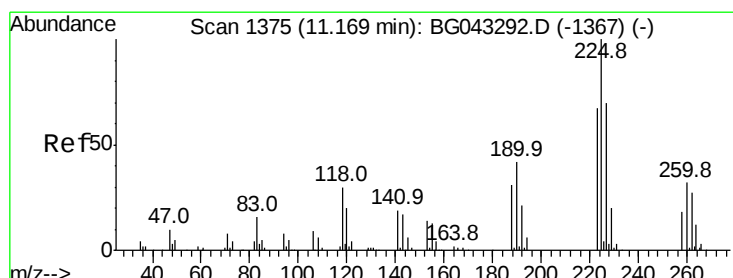
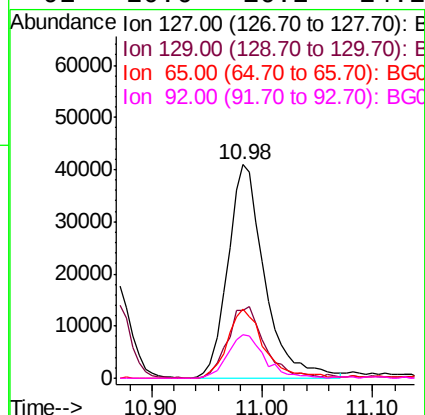
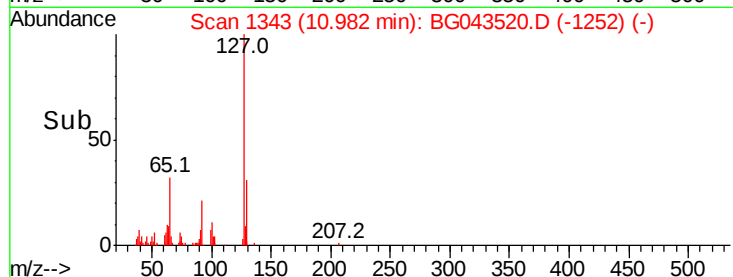
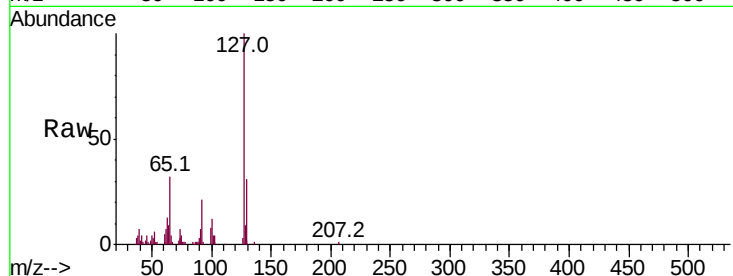




#33
4-Chloroaniline
Concen: 38.596 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

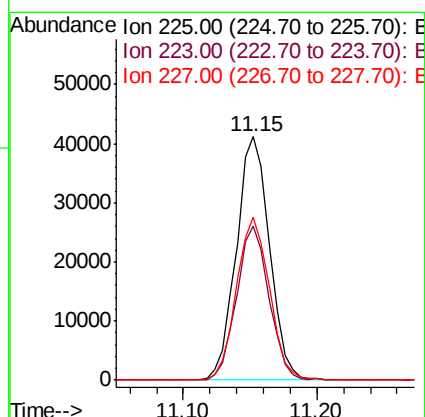
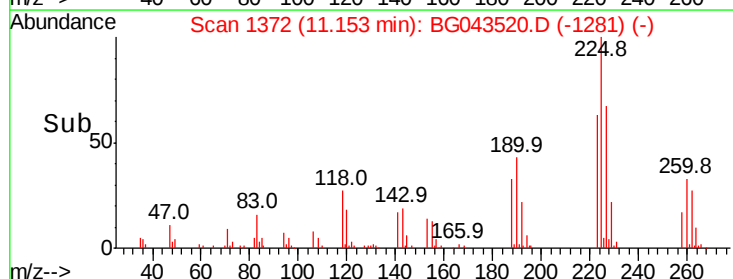
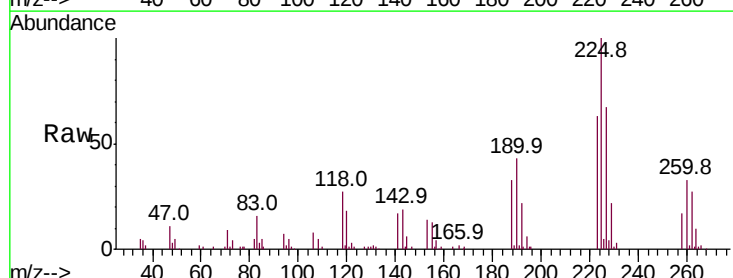
Instrument :
BNA_G
ClientSampleId :

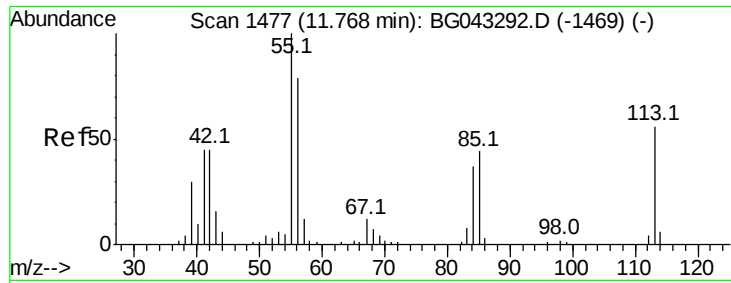
Tot Ion:	127	Resp:	95932
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.5	39.7
65	32.1	26.4	39.6
92	20.6	16.2	24.2



#34
Hexachlorobutadiene
Concen: 38.898 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Tgt Ion:	225	Resp:	70922
Ion	Ratio	Lower	Upper
225	100		
223	63.2	52.7	79.1
227	67.2	54.8	82.2





#35

Caprolactam

Concen: 41.036 ng

RT: 11.75 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Instrument :

BNA_G

ClientSampleId :

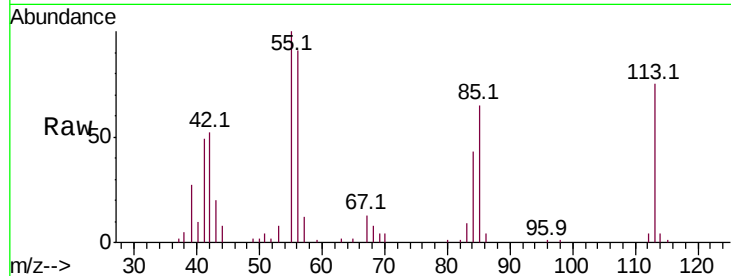
Tot Ion:113 Resp: 27658

Ion Ratio Lower Upper

113 100

55 133.5 134.1 174.1#

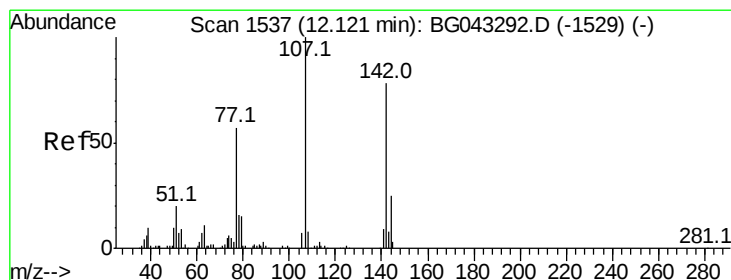
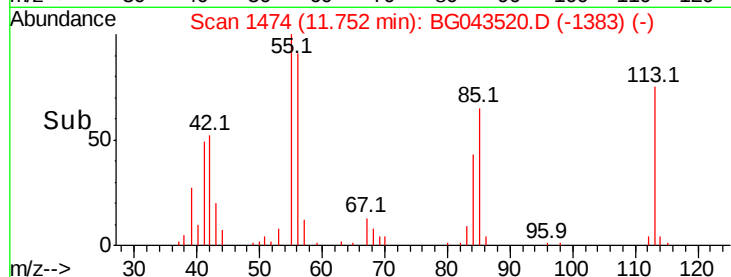
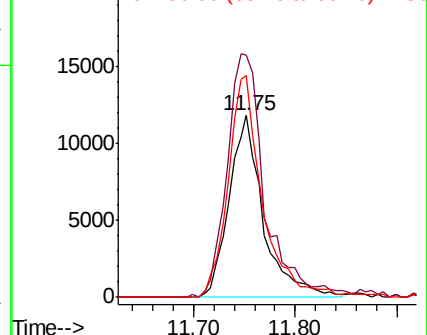
56 121.8 100.4 140.4



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: 38.560 ng

RT: 12.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

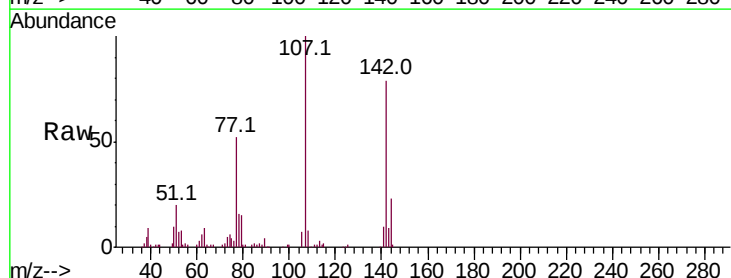
Tgt Ion:107 Resp: 82311

Ion Ratio Lower Upper

107 100

144 23.1 20.9 31.3

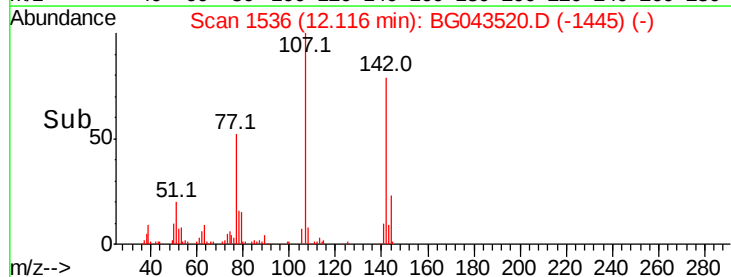
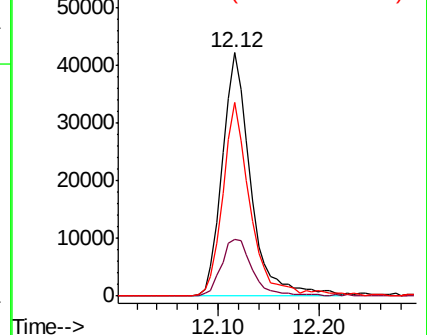
142 79.4 59.6 89.4

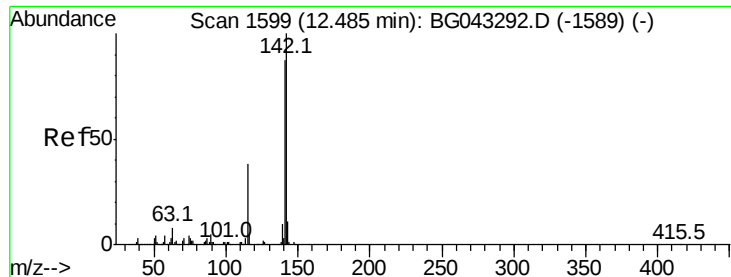


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

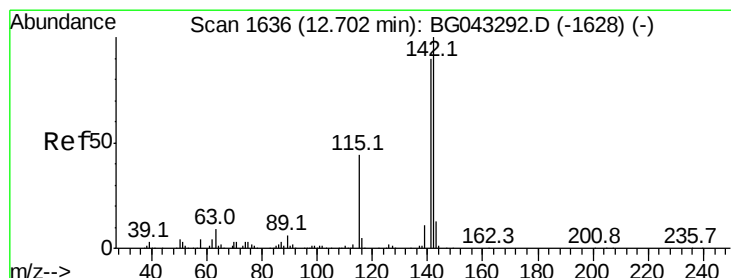
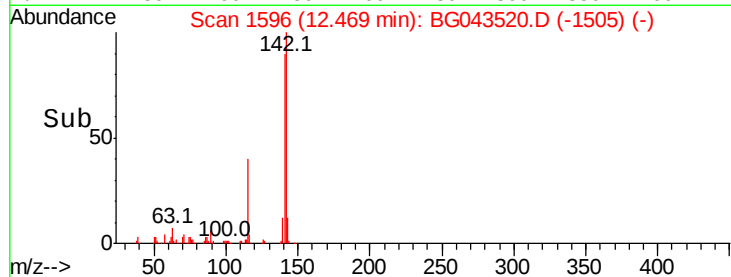
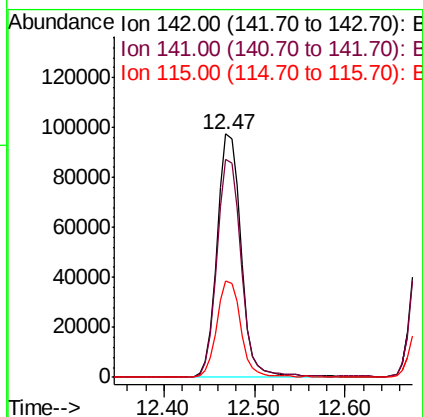
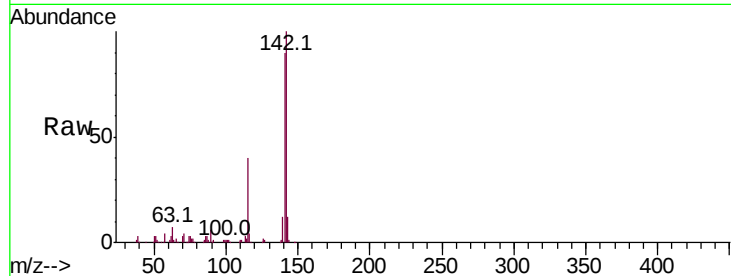




#37
2-Methylnaphthalene
Concen: 38.614 ng
RT: 12.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

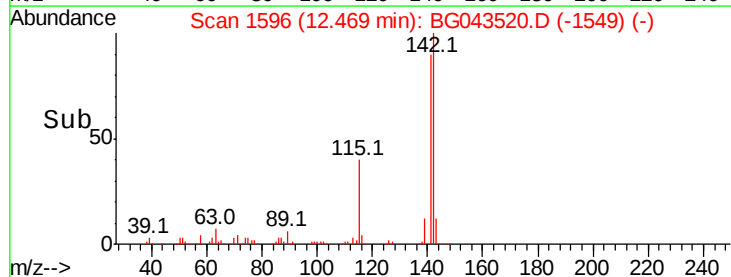
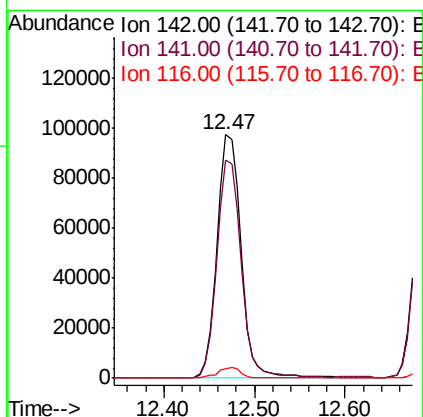
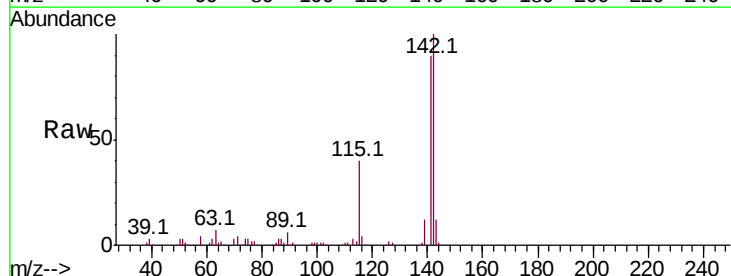
Instrument :
BNA_G
ClientSampleId :

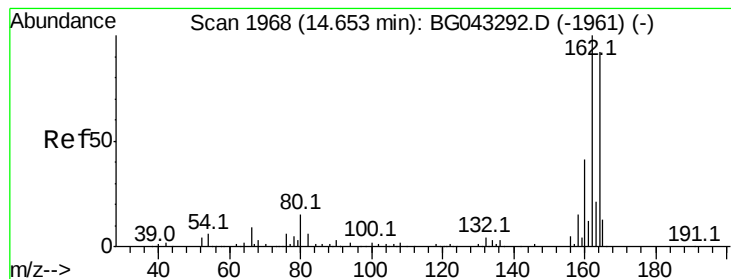
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.2	108.2
115	39.5	33.2	49.8



#38
1-Methylnaphthalene
Concen: 40.583 ng
RT: 12.47 min Scan# 1596
Delta R.T. -0.22 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.2	109.8
116	4.1	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Instrument :

BNA_G

ClientSampleId :

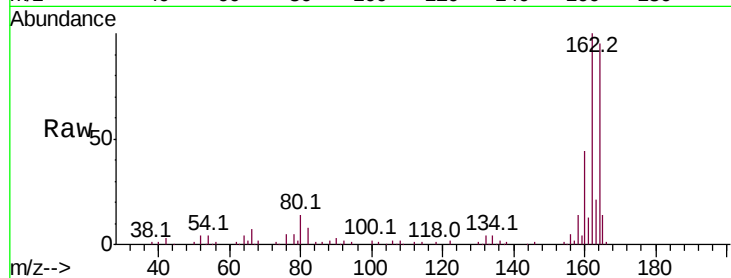
Tot Ion:164 Resp: 84359

Ion Ratio Lower Upper

164 100

162 105.3 83.5 125.3

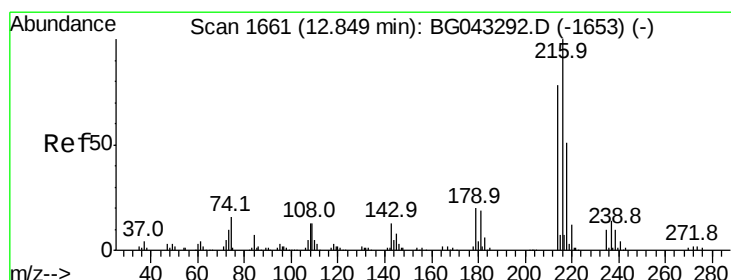
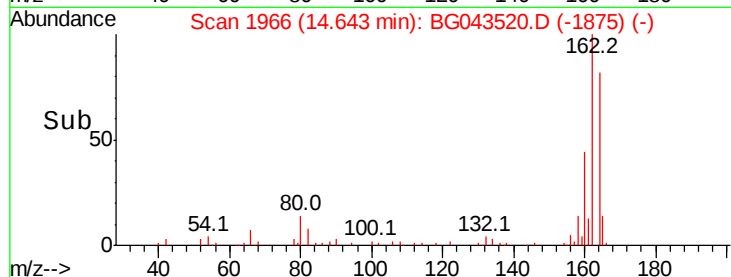
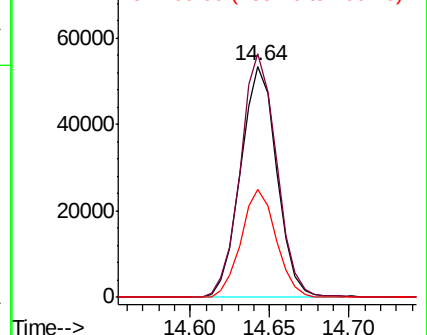
160 46.8 36.5 54.7



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: 39.828 ng

RT: 12.84 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Tgt Ion:216 Resp: 124344

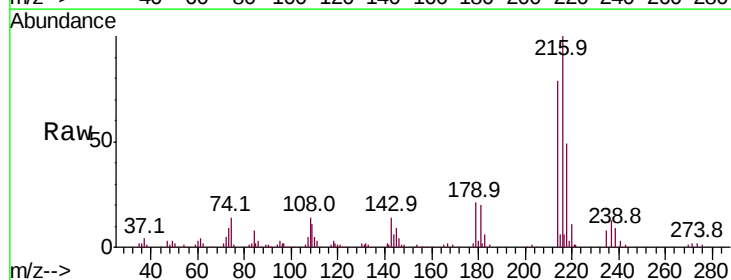
Ion Ratio Lower Upper

216 100

214 77.1 61.7 92.5

179 19.2 15.8 23.8

108 16.1 11.5 17.3

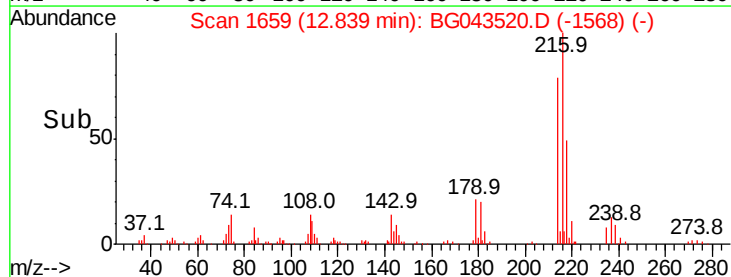
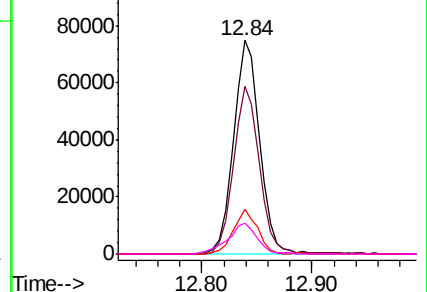


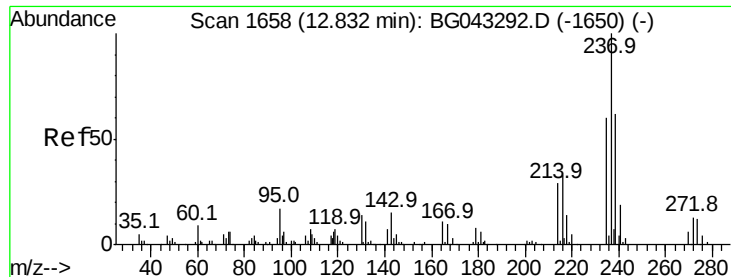
Abundance Ion 216.00 (215.70 to 216.70): E

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

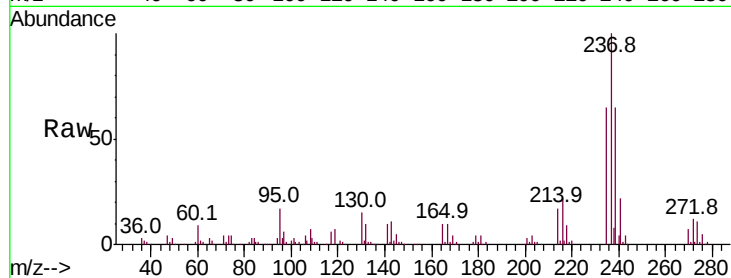




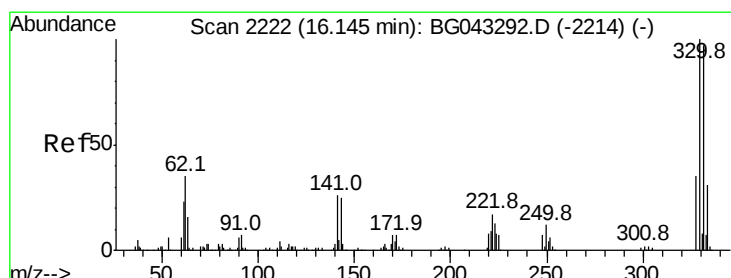
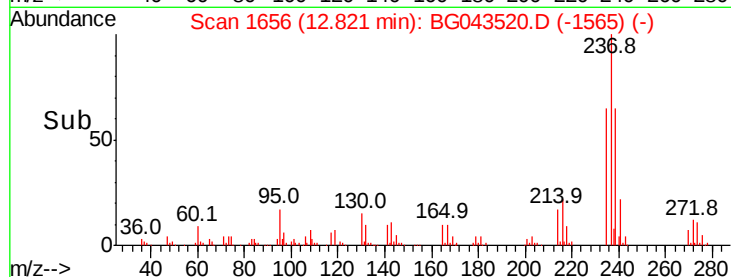
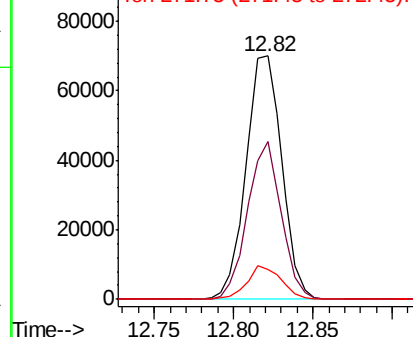
#41
Hexachlorocyclopentadiene
Concen: 67.144 ng
RT: 12.82 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.6	41.6	81.6
272	12.5	0.0	32.5

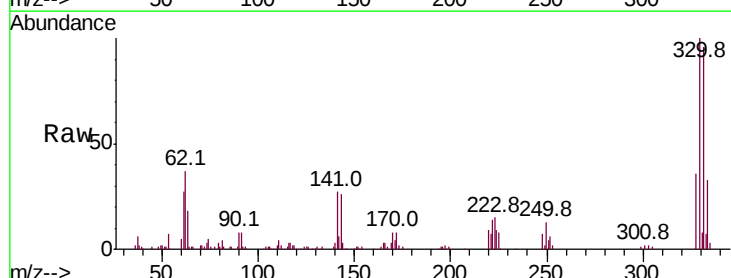


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

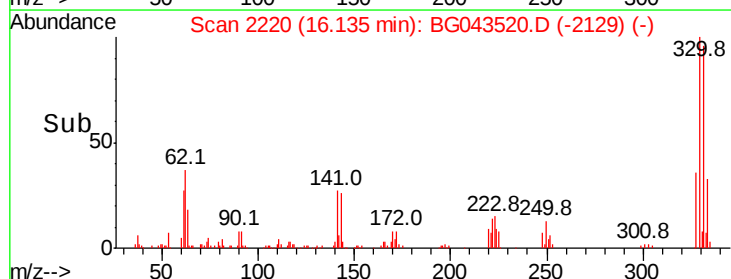
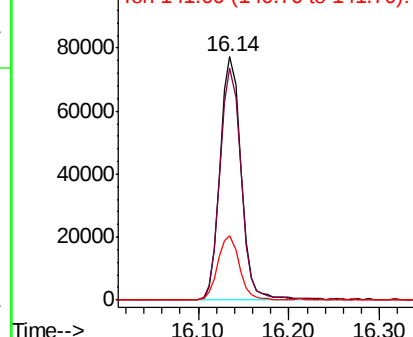


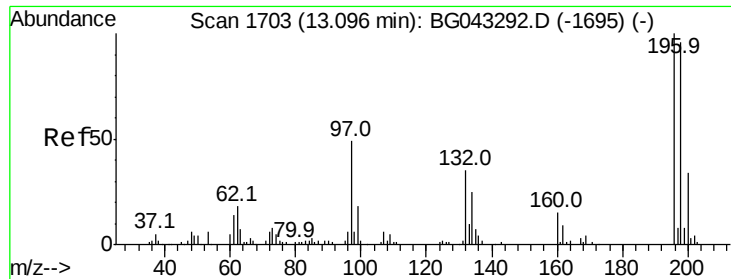
#42
2,4,6-Tribromophenol
Concen: 77.608 ng
RT: 16.14 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.0
141	26.7	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



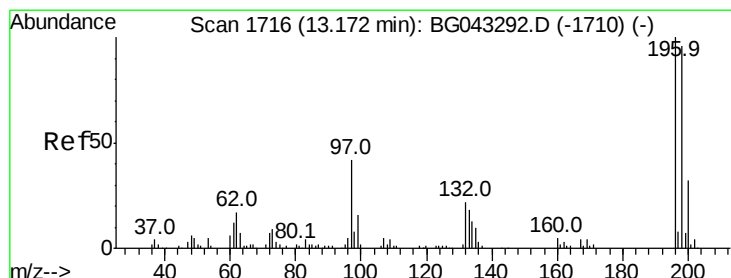
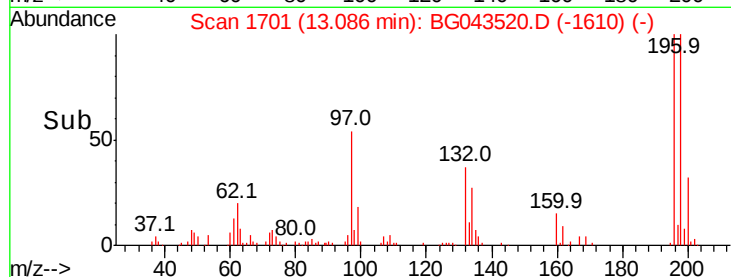
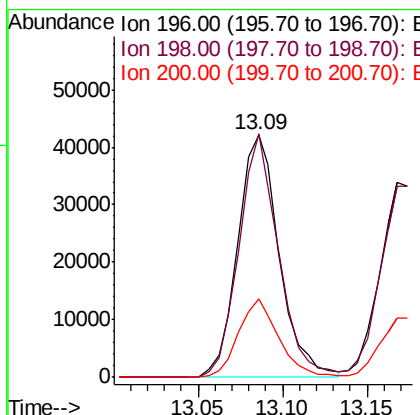
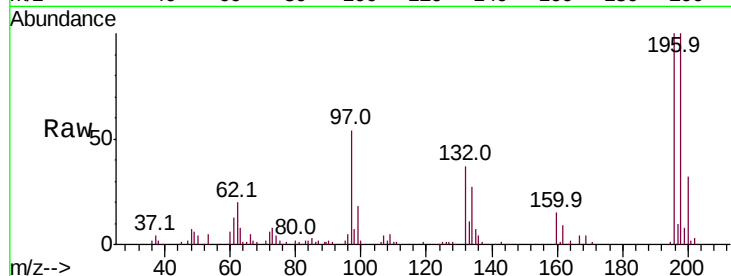


#43
 2,4,6-Trichlorophenol
 Concen: 39.175 ng
 RT: 13.09 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG043520.D
 Acq: 6 Nov 2019 15:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 72026

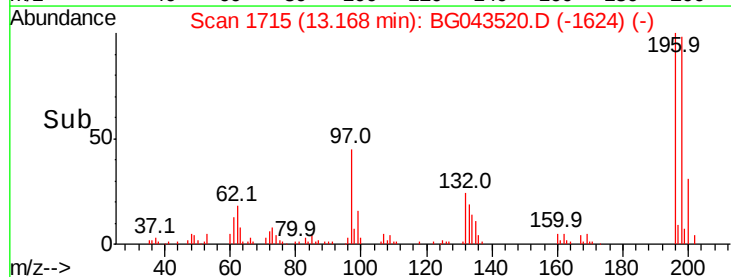
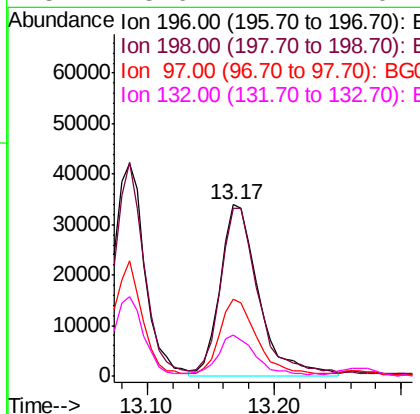
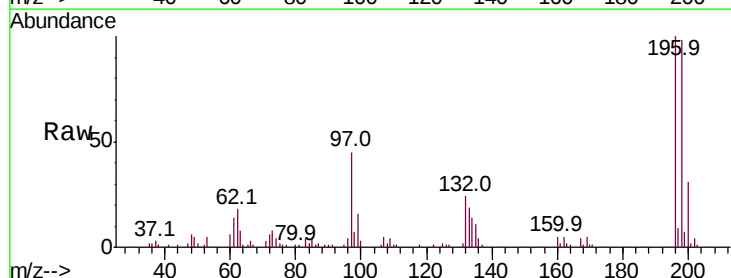
Ion	Ratio	Lower	Upper
196	100		
198	100.4	75.8	113.6
200	32.5	23.9	35.9

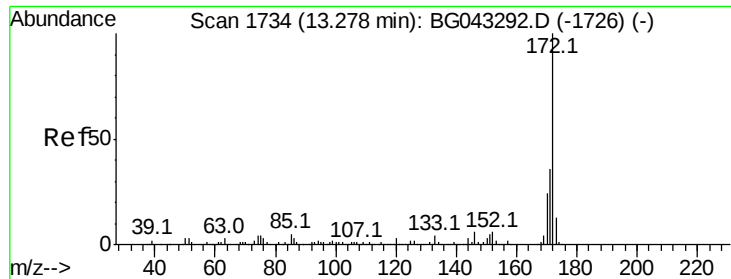


#44
 2,4,5-Trichlorophenol
 Concen: 38.576 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG043520.D
 Acq: 6 Nov 2019 15:01

Tgt Ion:196 Resp: 71704

Ion	Ratio	Lower	Upper
196	100		
198	97.8	74.5	111.7
97	44.8	36.3	54.5
132	23.6	17.4	26.2

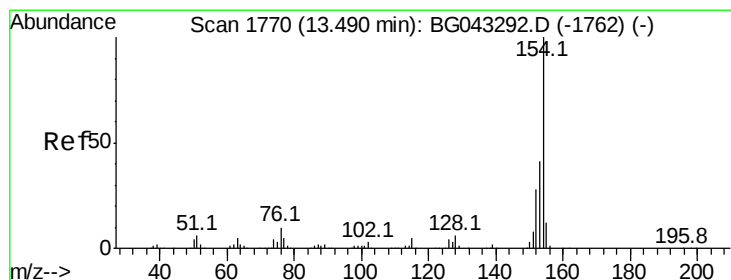
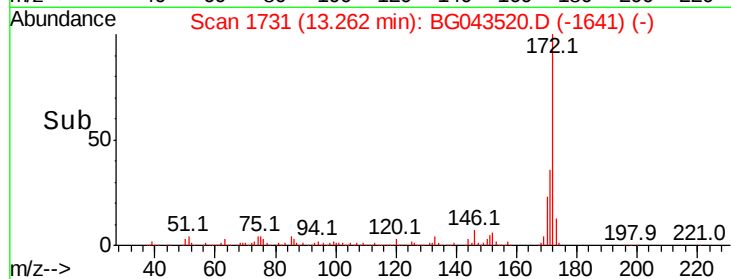
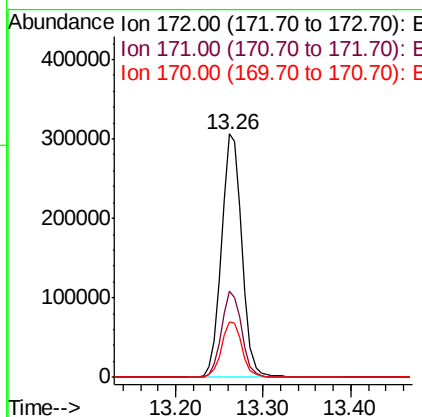
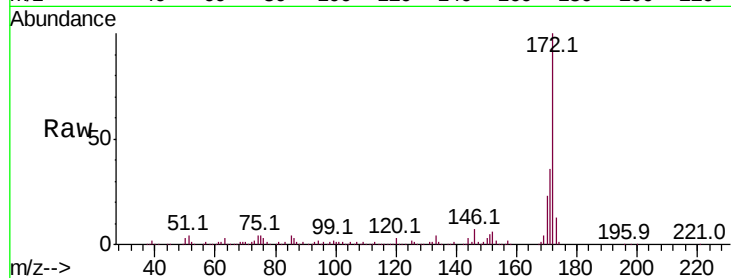




#45
 2-Fluorobiphenyl
 Concen: 81.046 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG043520.D
 Acq: 6 Nov 2019 15:01

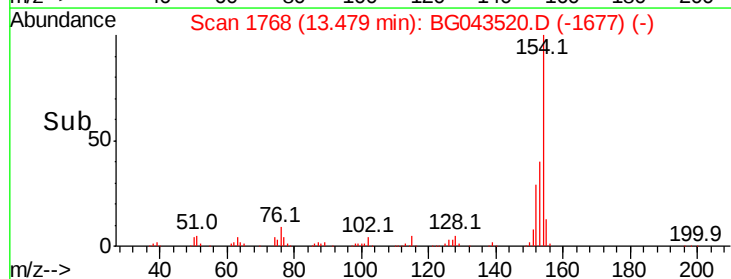
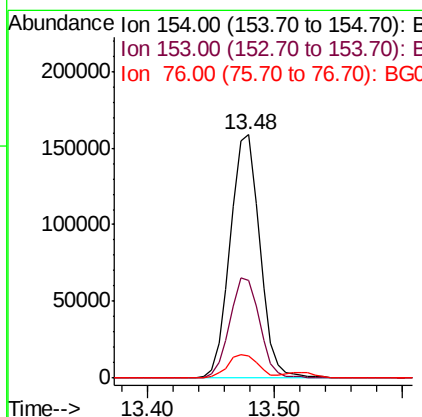
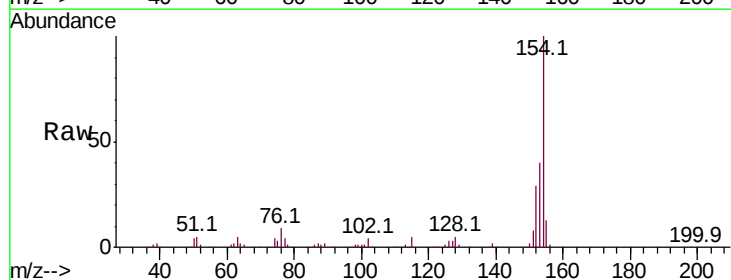
Instrument :
 BNA_G
 ClientSampleId :

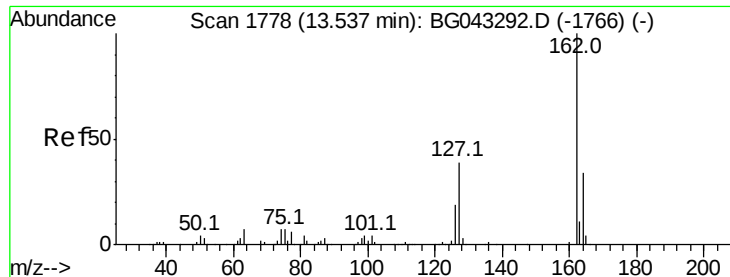
Tot Ion:172 Resp: 494785
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 22.5 18.5 27.7



#46
 1,1'-Biphenyl
 Concen: 40.030 ng
 RT: 13.48 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: BG043520.D
 Acq: 6 Nov 2019 15:01

Tgt Ion:154 Resp: 256893
 Ion Ratio Lower Upper
 154 100
 153 40.1 19.9 59.9
 76 9.0 0.0 29.4

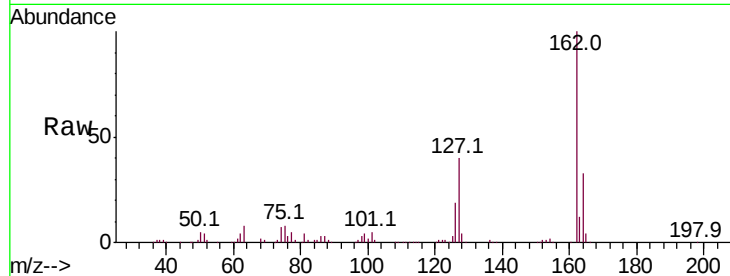




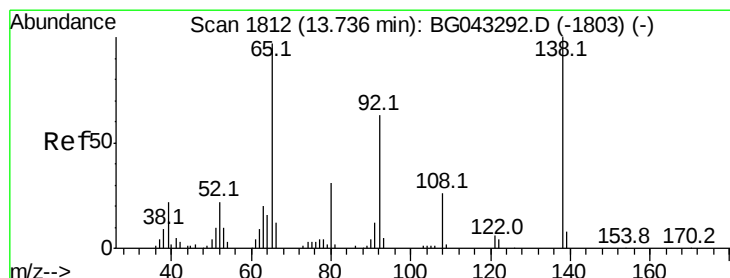
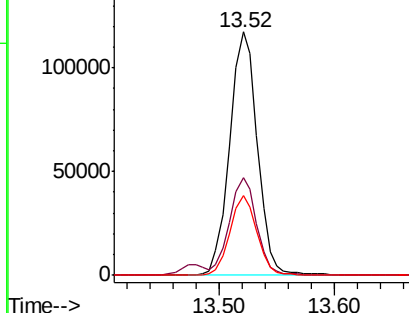
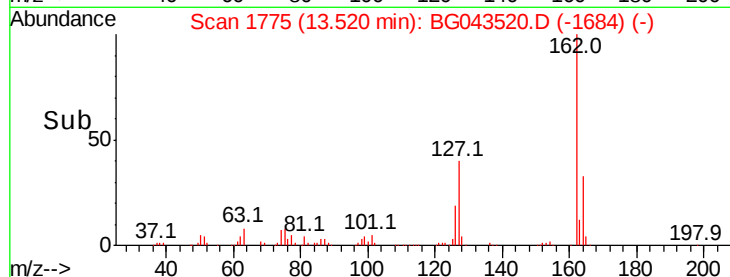
#47
2-Chloronaphthalene
Concen: 40.054 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	31.2	46.8
164	32.5	25.8	38.8

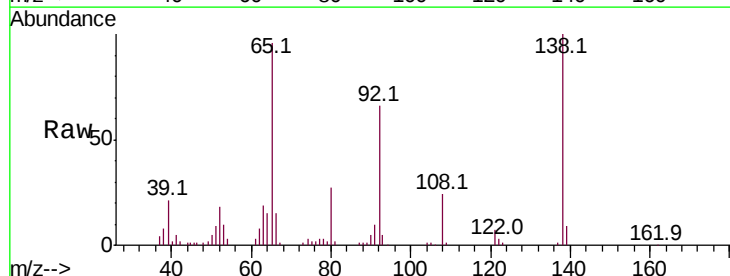


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

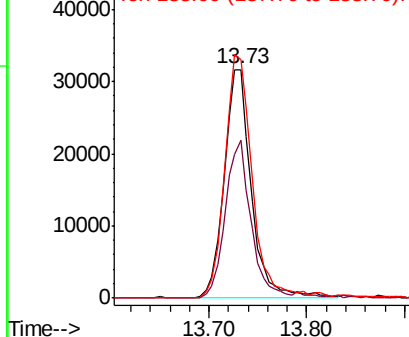
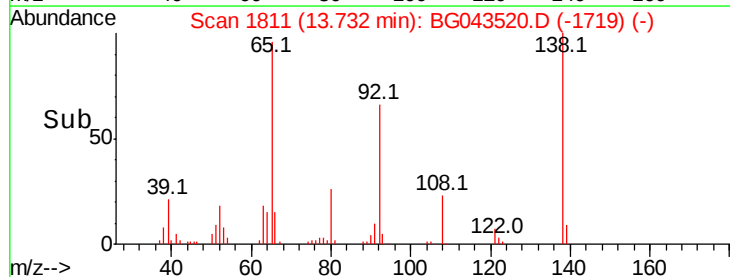


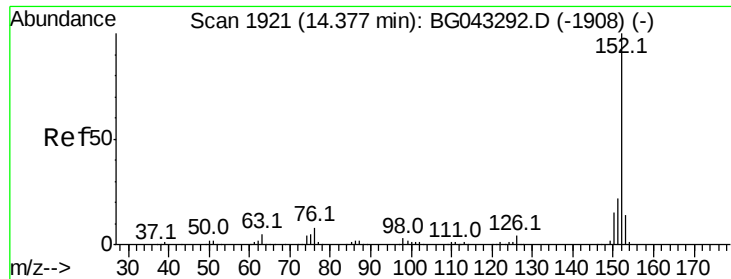
#48
2-Nitroaniline
Concen: 41.822 ng
RT: 13.73 min Scan# 1811
Delta R.T. 0.01 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	56.2	84.2
138	104.5	82.6	123.8



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





#49

Acenaphthylene

Concen: 40.591 ng

RT: 14.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Instrument :

BNA_G

ClientSampled :

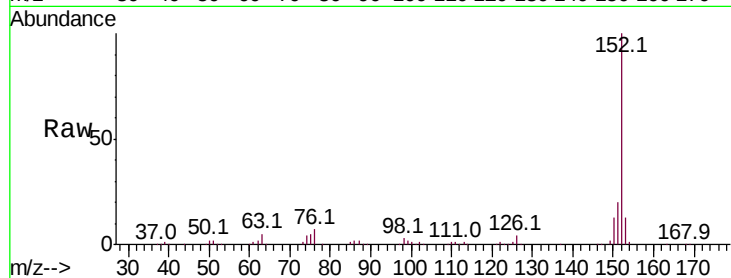
Tot Ion:152 Resp: 308475

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4

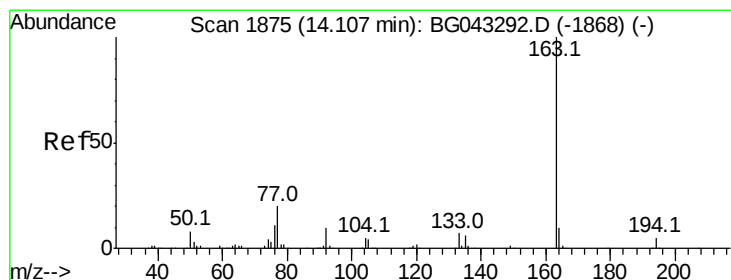
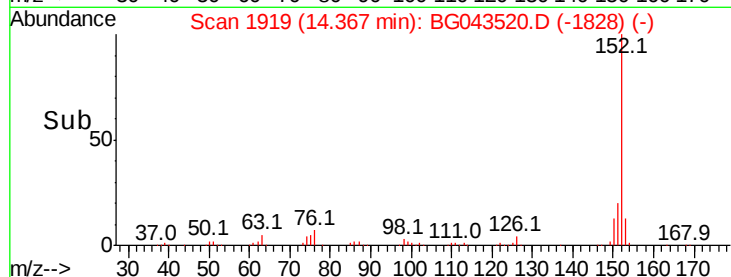
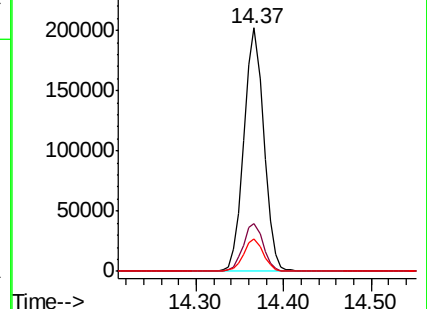
153 13.3 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.746 ng

RT: 14.10 min Scan# 1873

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

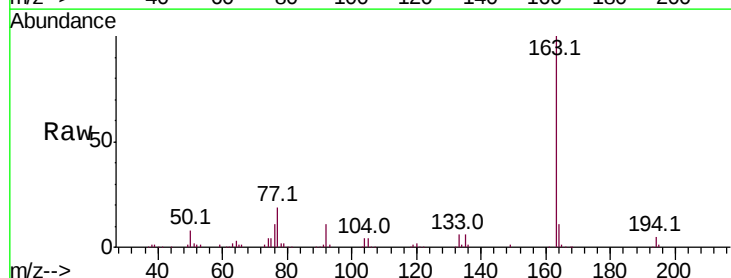
Tgt Ion:163 Resp: 259705

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.6

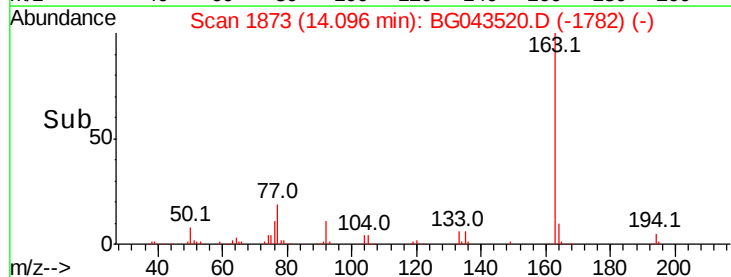
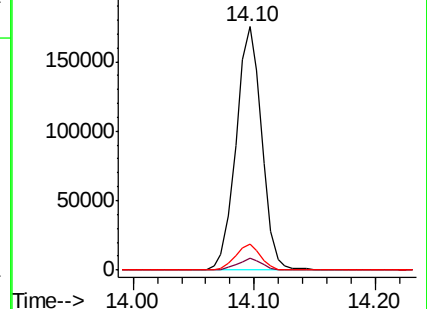
164 10.7 8.9 13.3

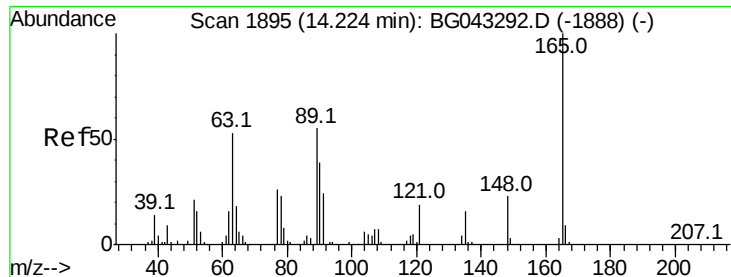


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

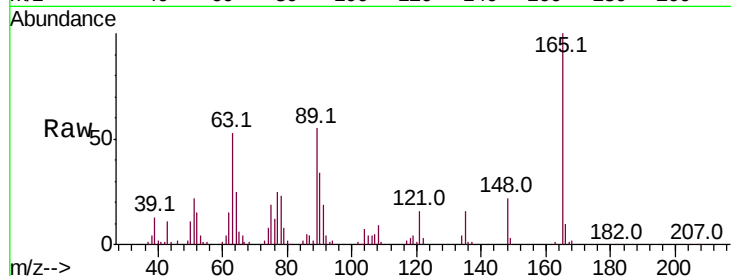




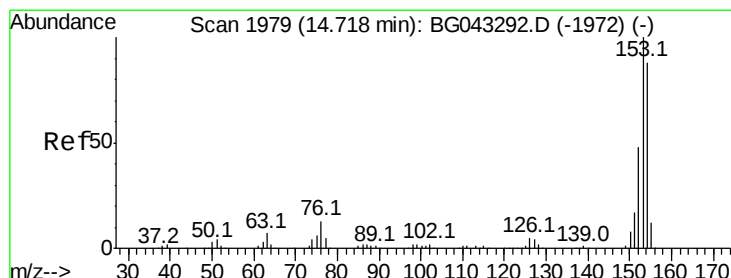
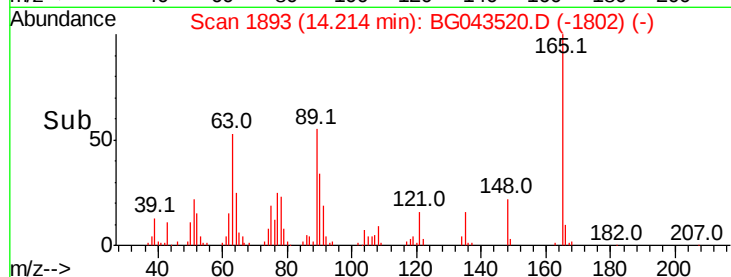
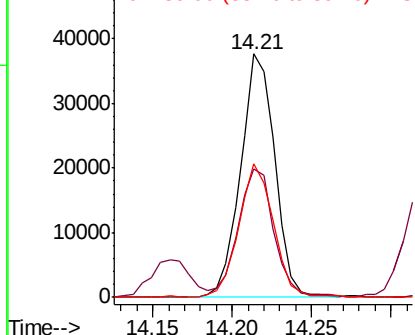
#51
2,6-Dinitrotoluene
Concen: 39.701 ng
RT: 14.21 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 56357
Ion Ratio Lower Upper
165 100
63 52.9 46.6 69.8
89 55.0 45.1 67.7

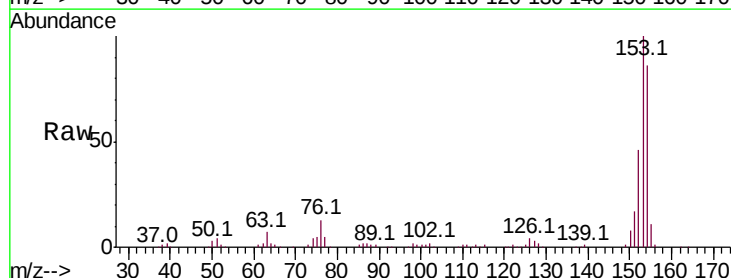


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

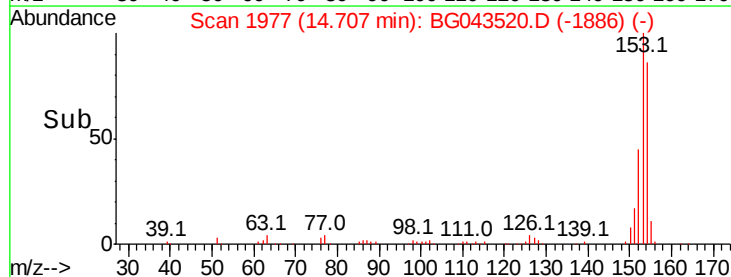
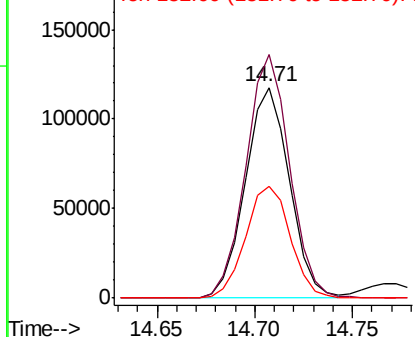


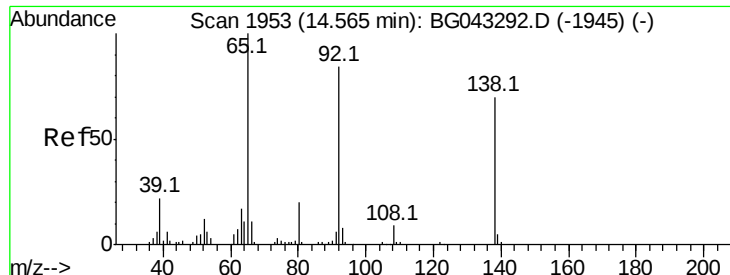
#52
Acenaphthene
Concen: 39.667 ng
RT: 14.71 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Tgt Ion:154 Resp: 183835
Ion Ratio Lower Upper
154 100
153 115.7 88.2 132.2
152 53.2 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

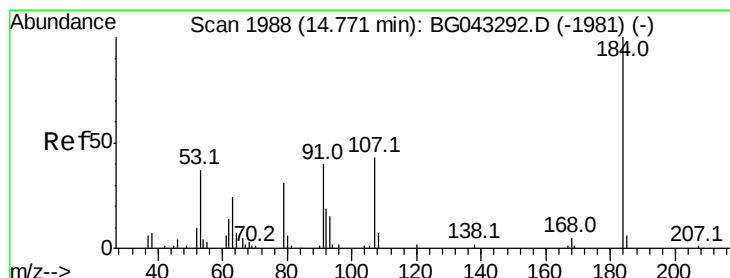
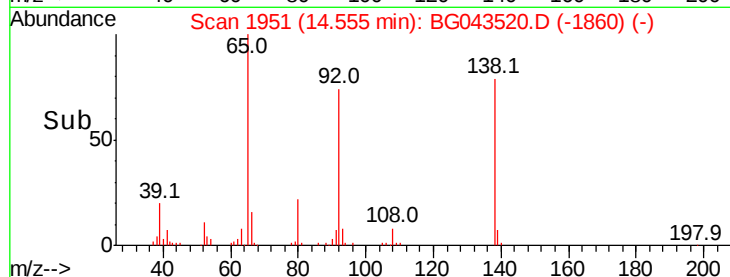
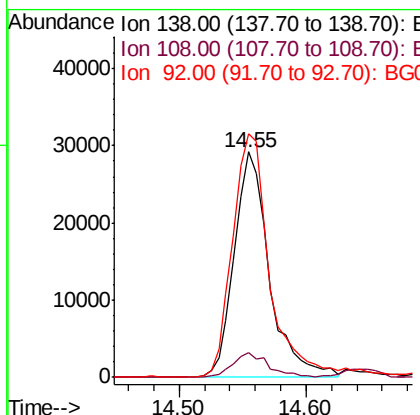
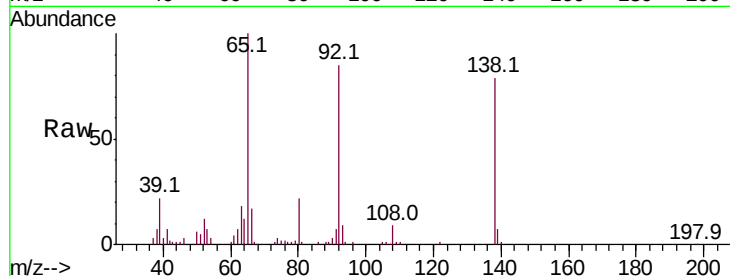




#53
3-Nitroaniline
Concen: 40.971 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

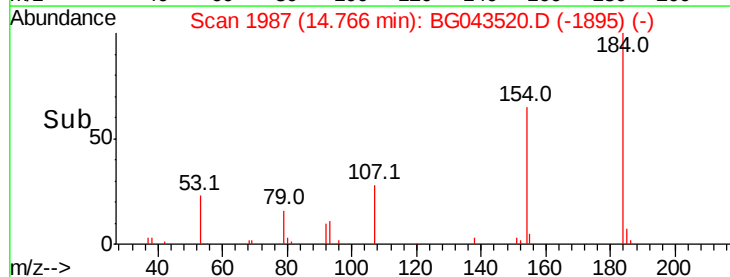
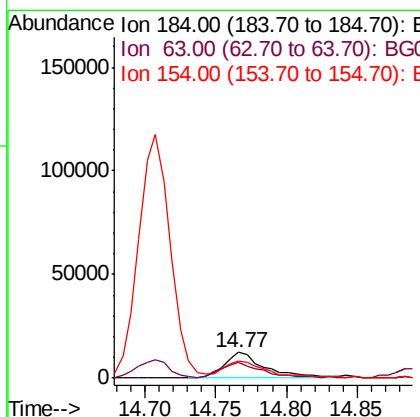
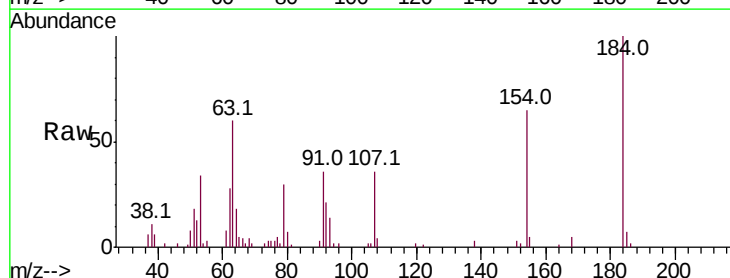
Instrument :
BNA_G
ClientSampleId :

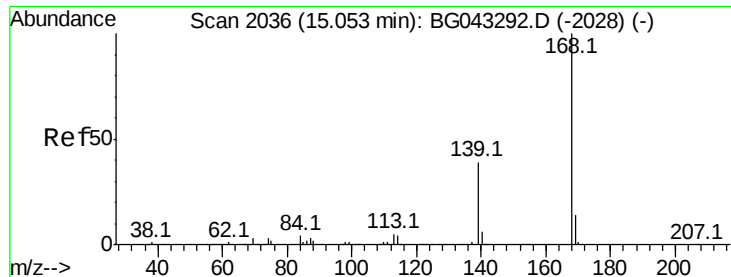
Tot Ion:138 Resp: 56152
Ion Ratio Lower Upper
138 100
108 11.2 8.0 12.0
92 108.0 90.9 136.3



#54
2,4-Dinitrophenol
Concen: 33.025 ng
RT: 14.77 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Tgt Ion:184 Resp: 25104
Ion Ratio Lower Upper
184 100
63 60.3 51.3 76.9
154 64.6 55.4 83.0

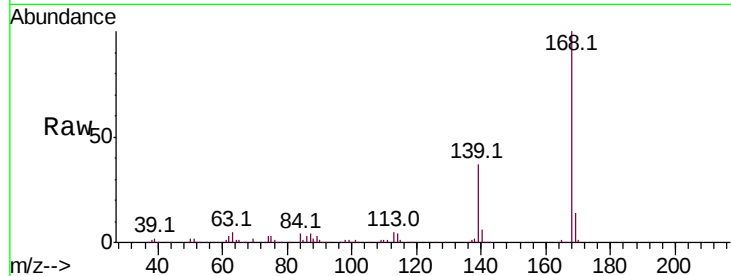




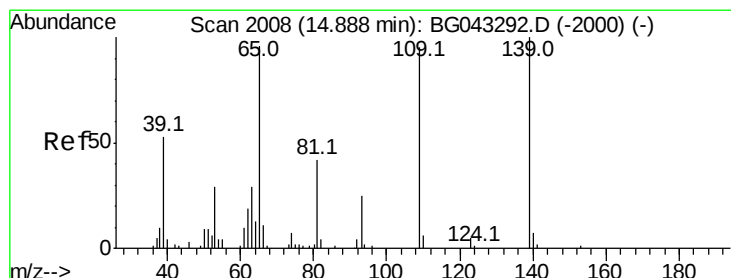
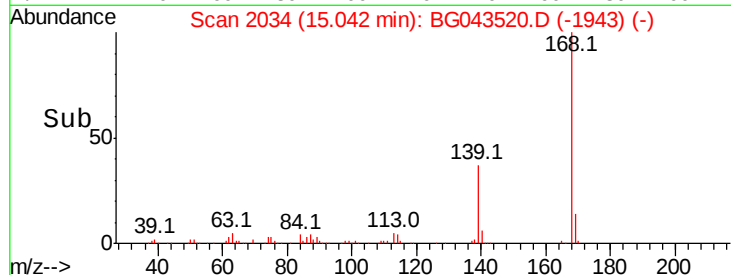
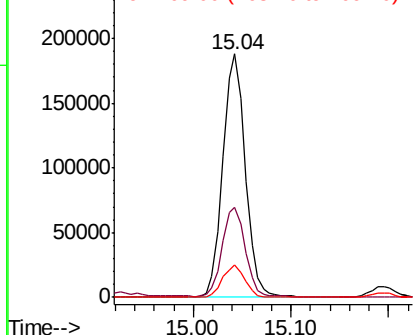
#55
Dibenzofuran
Concen: 40.004 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 300653
Ion Ratio Lower Upper
168 100
139 37.1 31.0 46.6
169 13.6 11.7 17.5

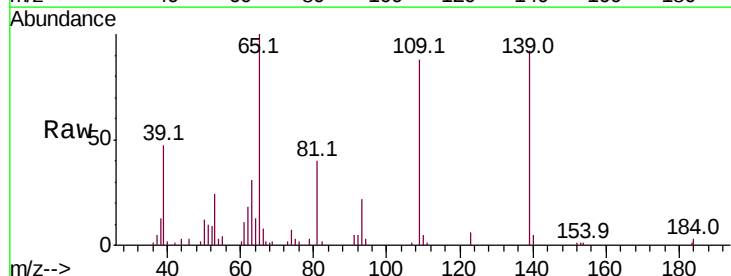


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

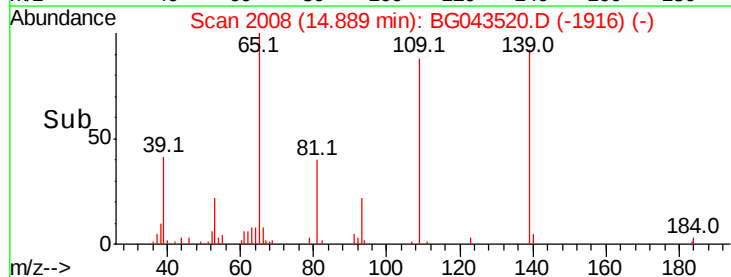
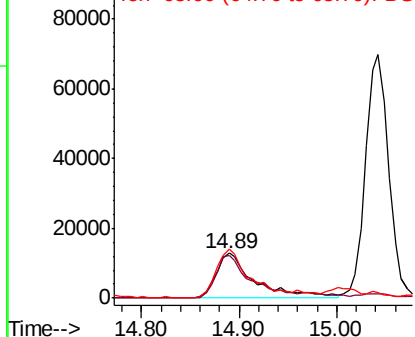


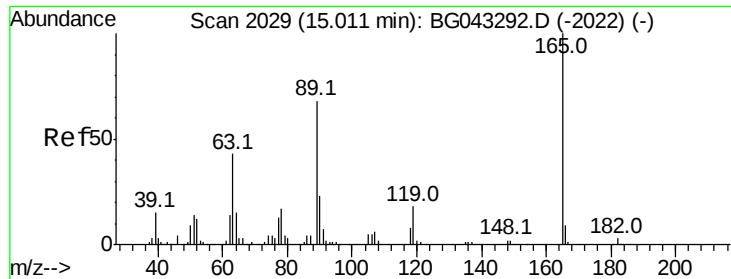
#56
4-Nitrophenol
Concen: 38.497 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Tgt Ion:139 Resp: 35357
Ion Ratio Lower Upper
139 100
109 95.8 87.2 127.2
65 109.1 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

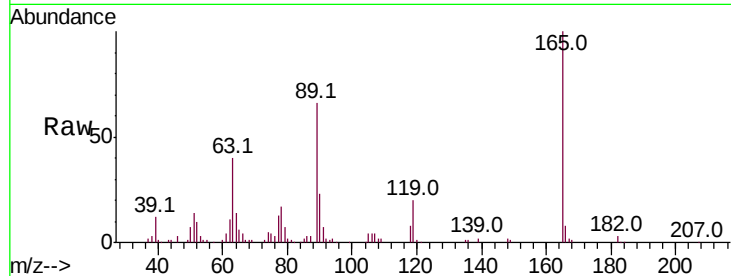




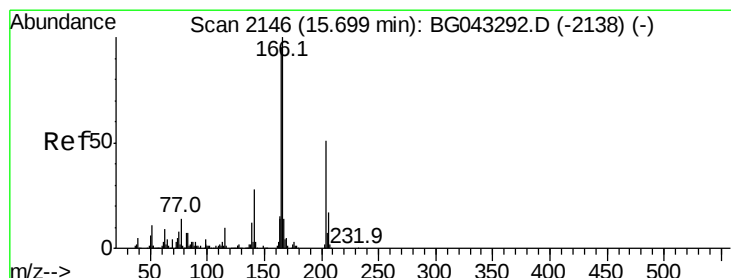
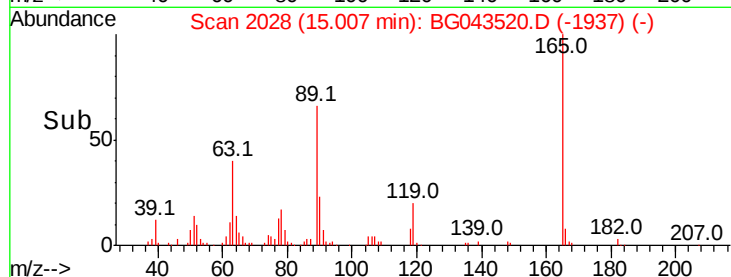
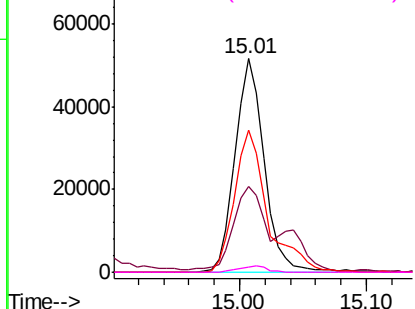
#57
 2,4-Dinitrotoluene
 Concen: 40.304 ng
 RT: 15.01 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BG043520.D
 Acq: 6 Nov 2019 15:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 81765
 Ion Ratio Lower Upper
 165 100
 63 40.3 33.2 49.8
 89 66.4 52.2 78.4
 182 2.7 2.0 3.0

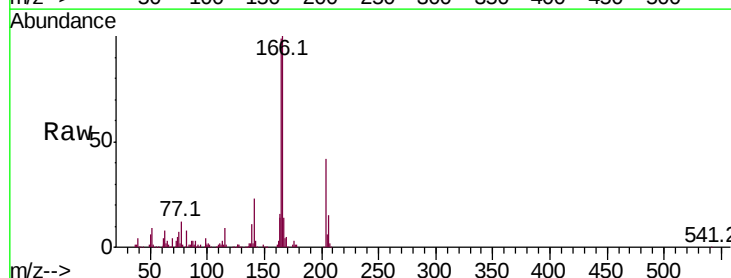


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

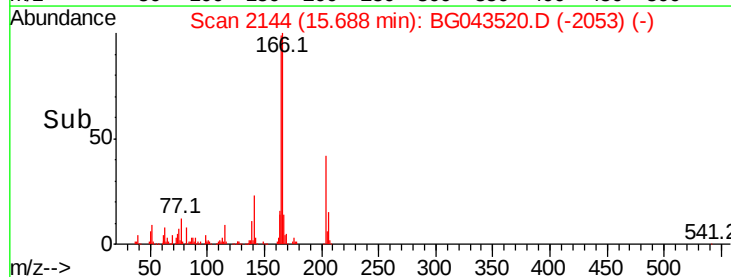
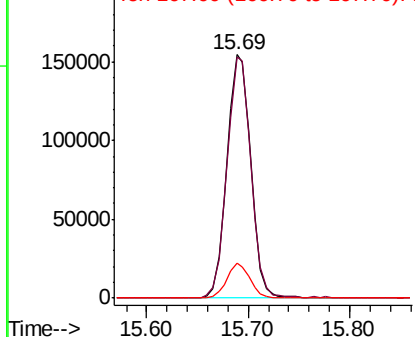


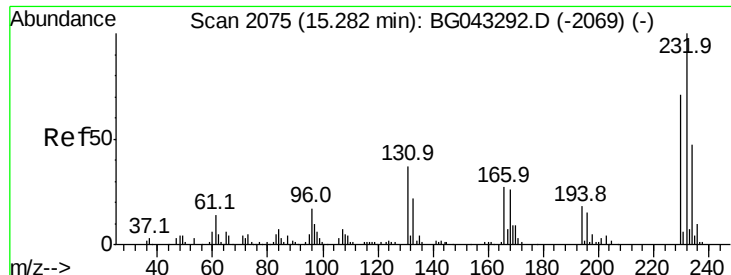
#58
 Fluorene
 Concen: 39.947 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG043520.D
 Acq: 6 Nov 2019 15:01

Tgt Ion:166 Resp: 251801
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.0 118.6
 167 14.4 10.5 15.7



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

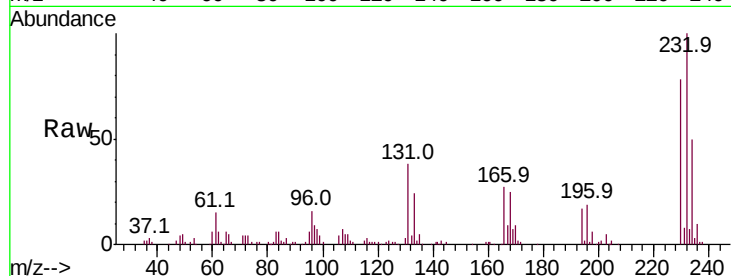




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.398 ng
 RT: 15.28 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG043520.D
 Acq: 6 Nov 2019 15:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.3	26.9	40.3
130	1.9	1.8	2.6
166	29.1	20.9	31.3



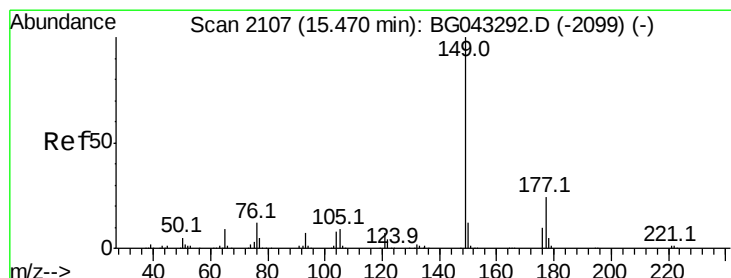
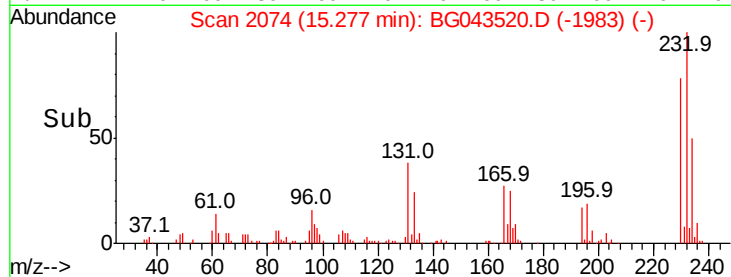
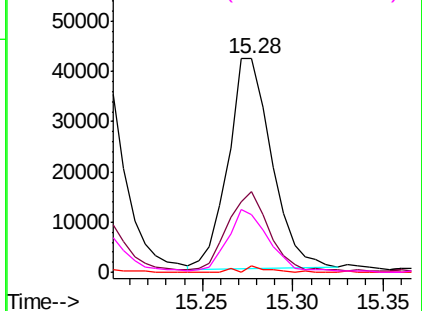
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

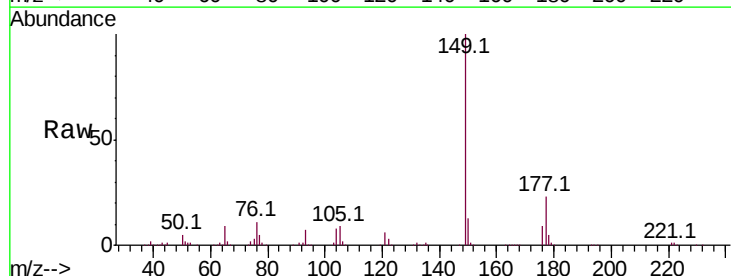
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.922 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BG043520.D
 Acq: 6 Nov 2019 15:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	19.6	29.4
150	12.6	10.8	16.2

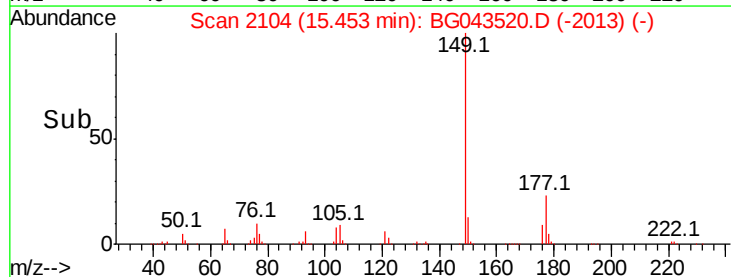
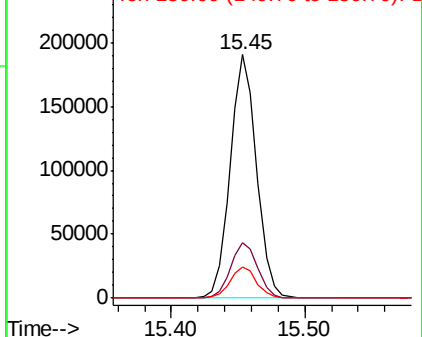


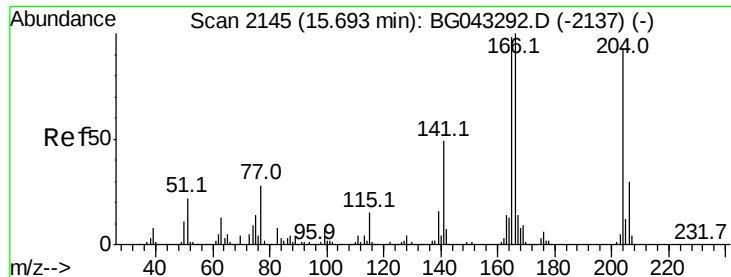
Abundance

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: 38.686 ng

RT: 15.68 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Instrument :

BNA_G

ClientSampled :

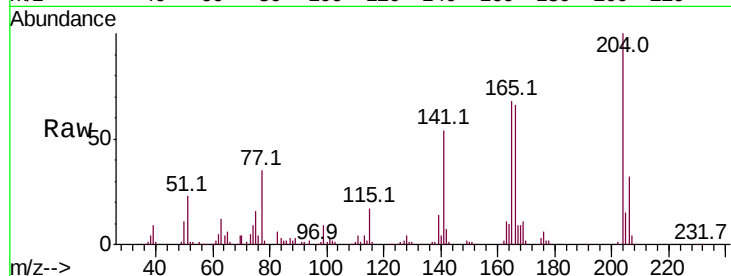
Tot Ion:204 Resp: 142259

Ion Ratio Lower Upper

204 100

206 32.3 28.4 42.6

141 54.3 43.0 64.6

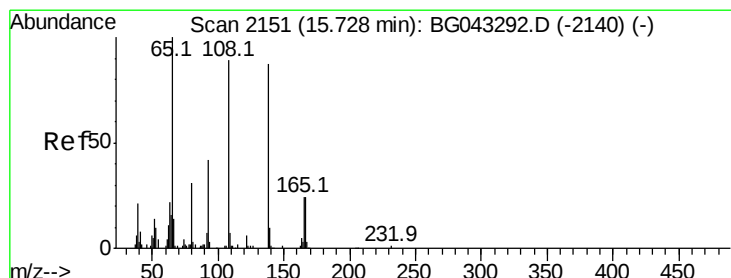
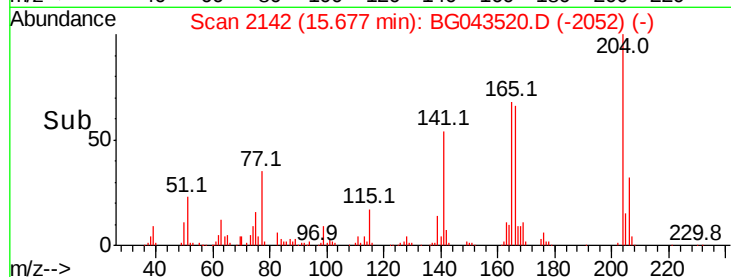
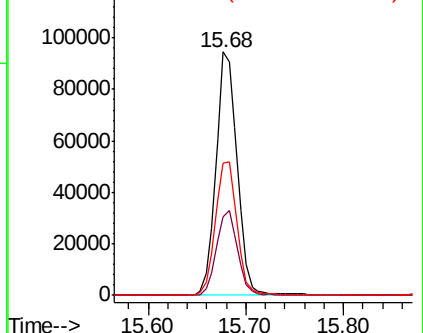


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 42.549 ng

RT: 15.72 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

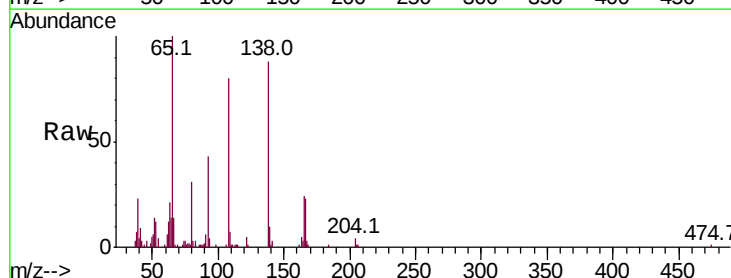
Tgt Ion:138 Resp: 60225

Ion Ratio Lower Upper

138 100

92 49.2 33.4 73.4

108 91.8 78.0 118.0

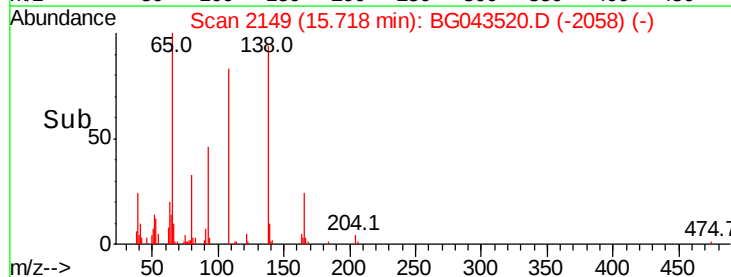
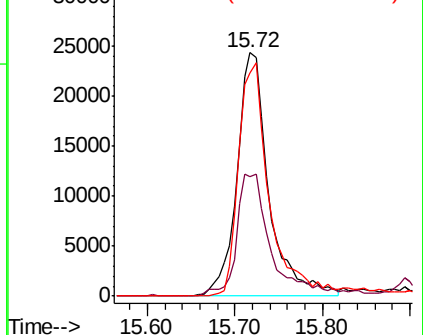


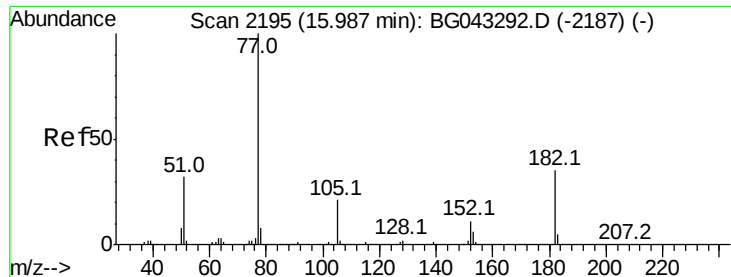
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.364 ng

RT: 15.97 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 203851

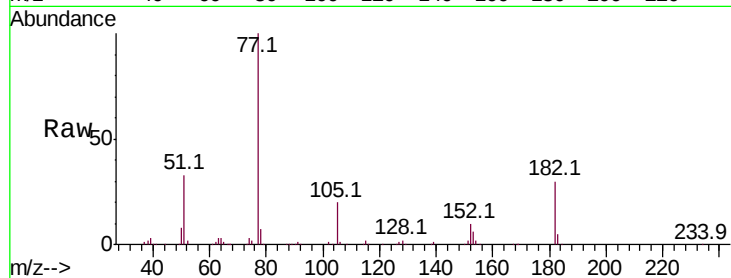
Ion Ratio Lower Upper

77 100

182 29.7 13.7 53.7

105 19.8 0.4 40.4

51 33.0 11.0 51.0

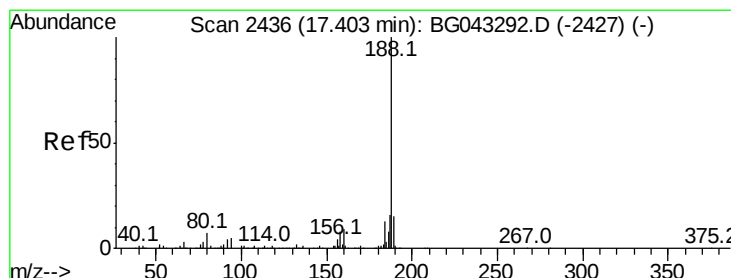
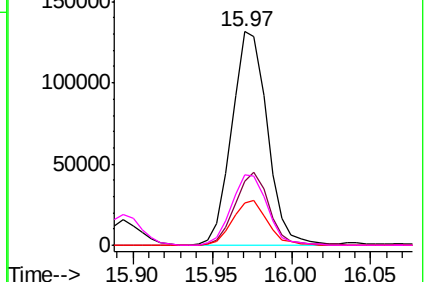
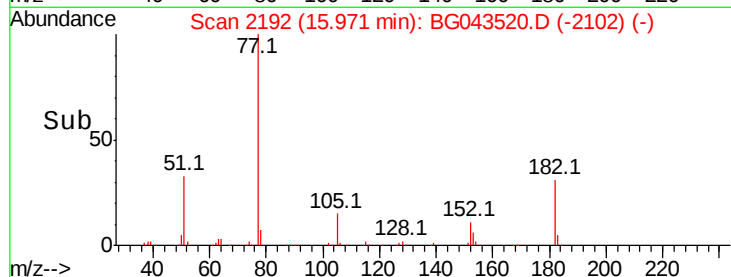


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG043520.D

Acq: 6 Nov 2019 15:01

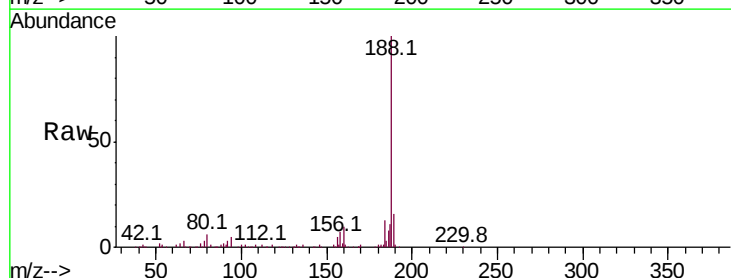
Tgt Ion: 188 Resp: 206246

Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.4

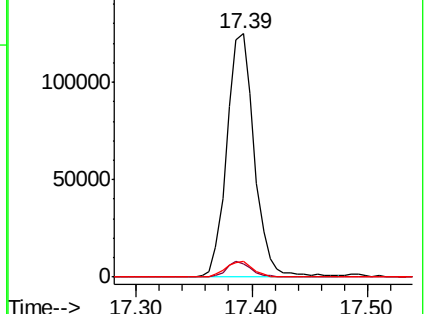
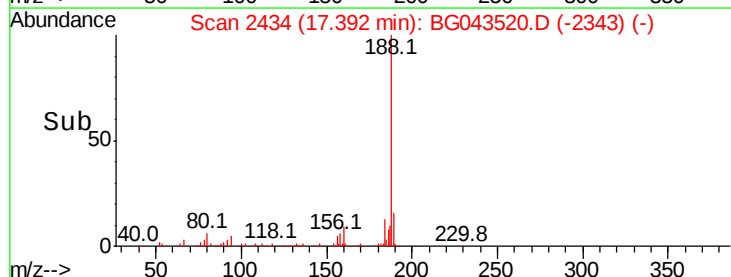
80 6.4 4.5 6.7

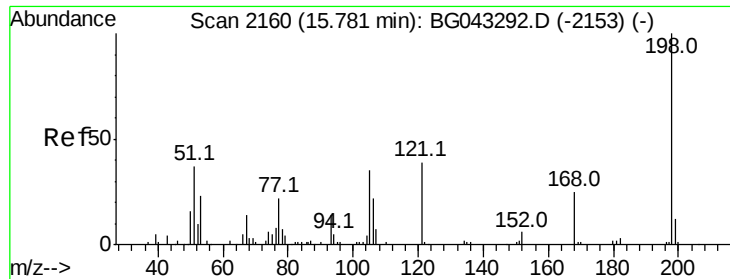


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

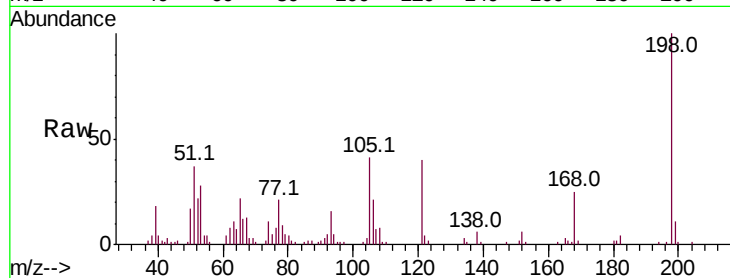




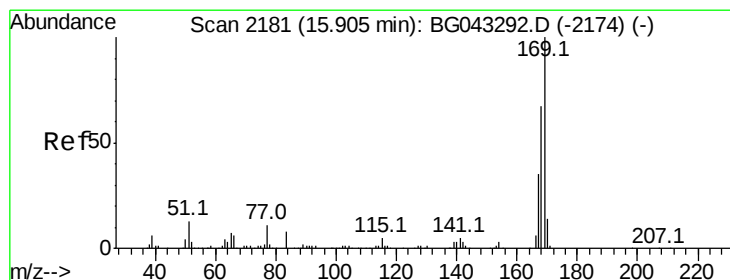
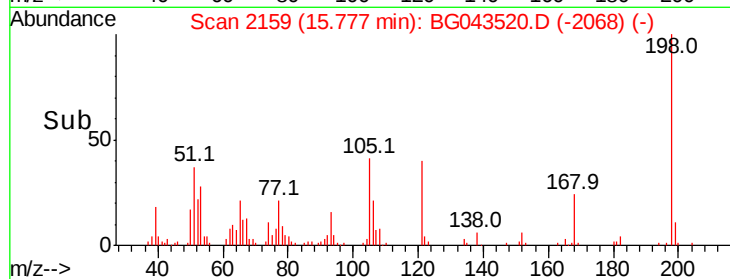
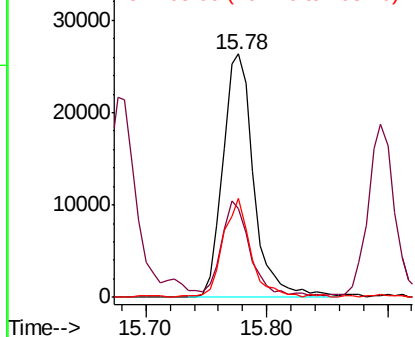
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.555 ng
 RT: 15.78 min Scan# 2159
 Delta R.T. 0.00 min
 Lab File: BG043520.D
 Acq: 6 Nov 2019 15:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 46796
 Ion Ratio Lower Upper
 198 100
 51 36.6 13.2 53.2
 105 40.7 15.8 55.8

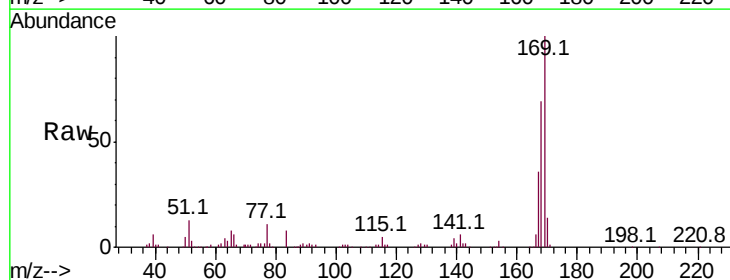


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

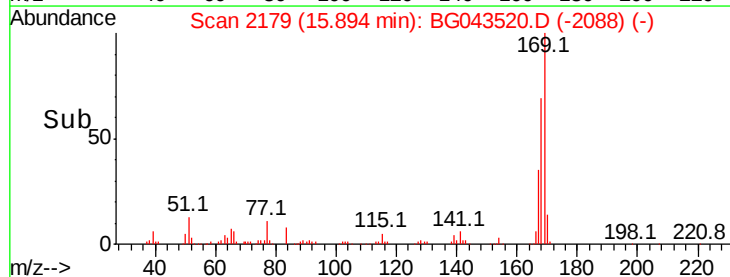
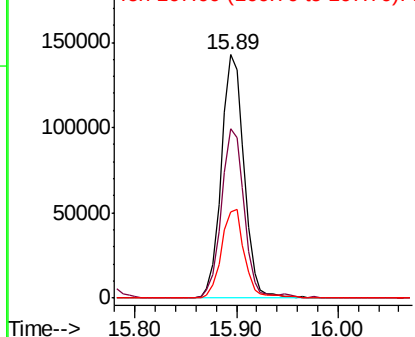


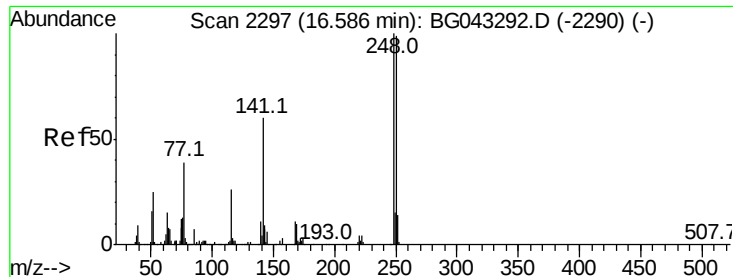
#66
 n-Nitrosodiphenylamine
 Concen: 38.097 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BG043520.D
 Acq: 6 Nov 2019 15:01

Tgt Ion:169 Resp: 221831
 Ion Ratio Lower Upper
 169 100
 168 69.4 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

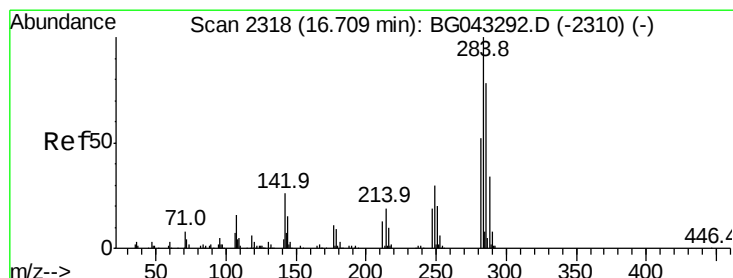
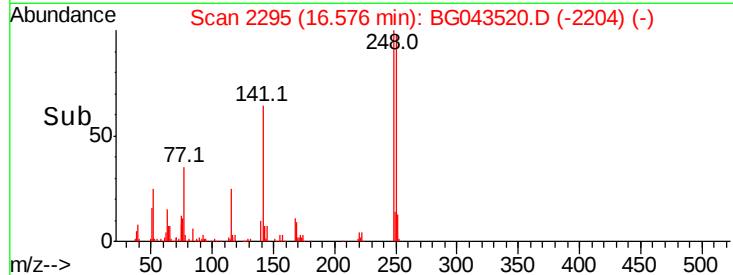
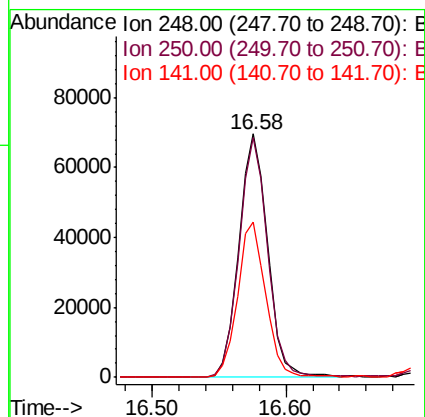
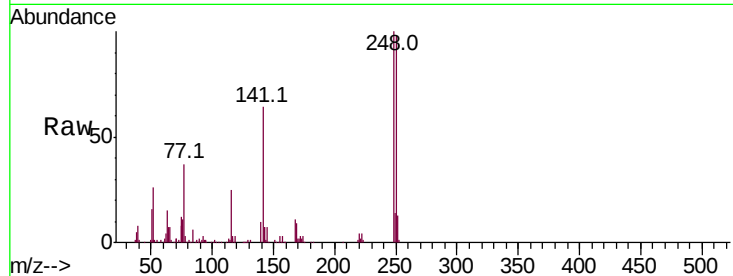




#67
4-Bromophenyl-phenylether
Concen: 37.304 ng
RT: 16.58 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

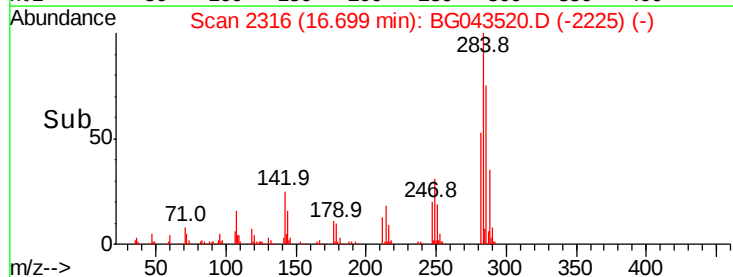
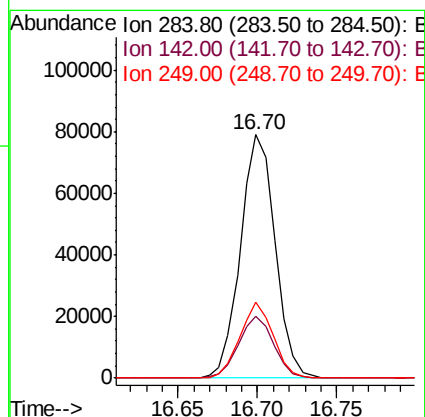
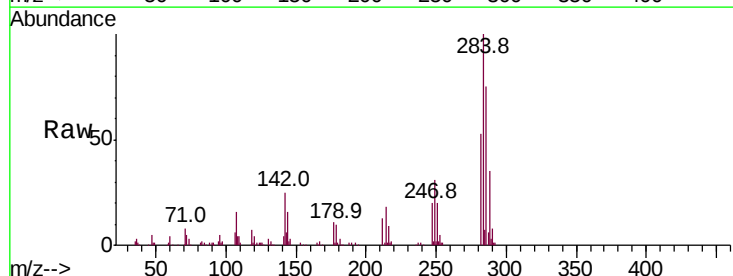
Instrument :
BNA_G
ClientSampleId :

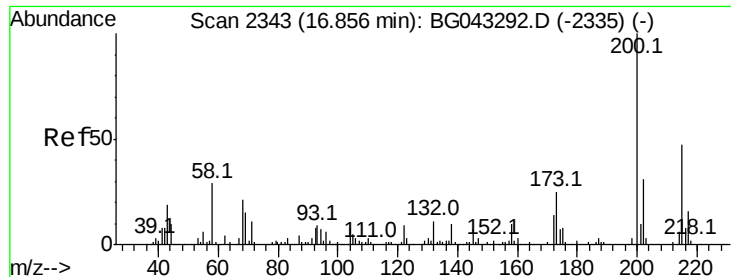
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.0	115.4
141	63.9	47.5	71.3



#68
Hexachlorobenzene
Concen: 37.687 ng
RT: 16.70 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.4	19.8	29.8
249	31.0	23.8	35.6

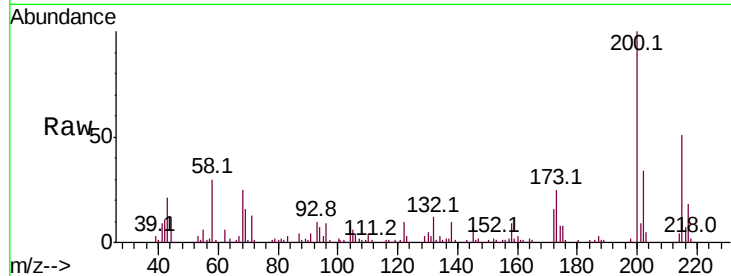




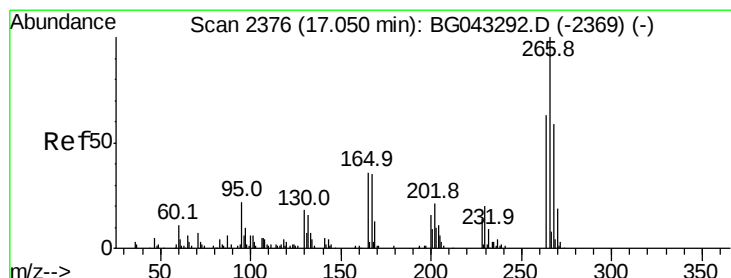
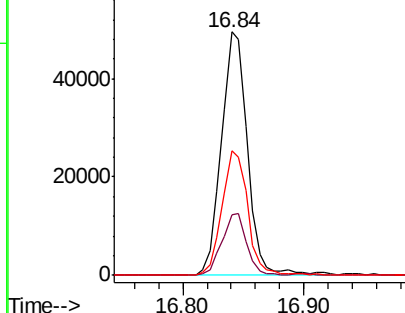
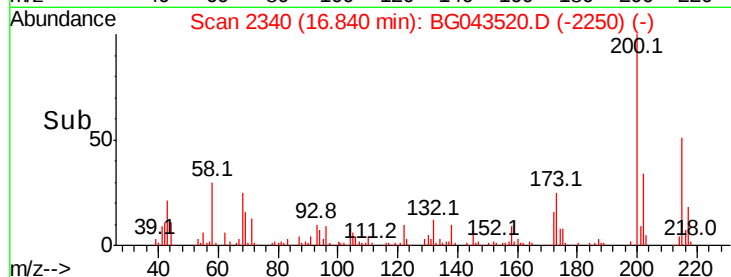
#69
 Atrazine
 Concen: 36.447 ng
 RT: 16.84 min Scan# 2340
 Delta R.T. -0.00 min
 Lab File: BG043520.D
 Acq: 6 Nov 2019 15:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 73743
 Ion Ratio Lower Upper
 200 100
 173 24.7 4.7 44.7
 215 51.2 28.5 68.5

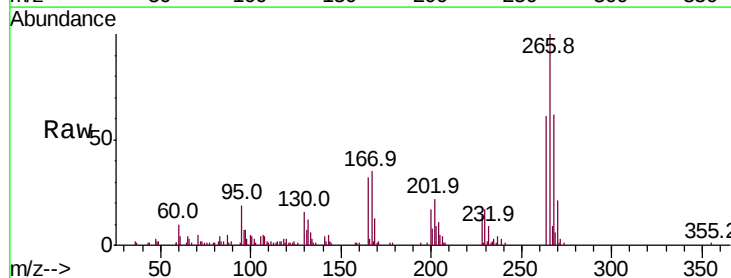


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

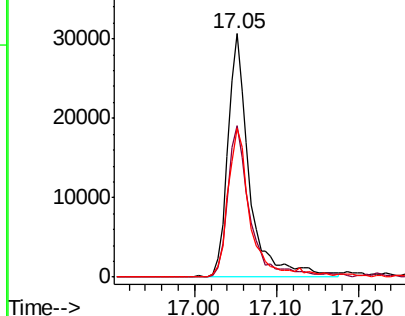
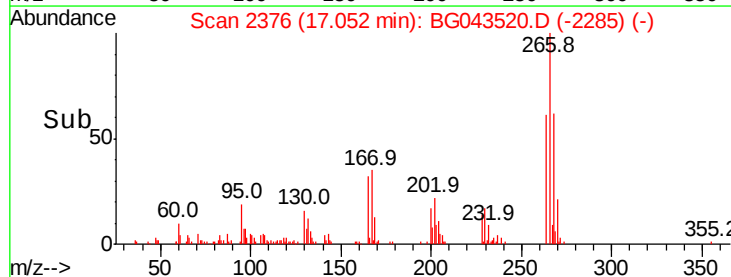


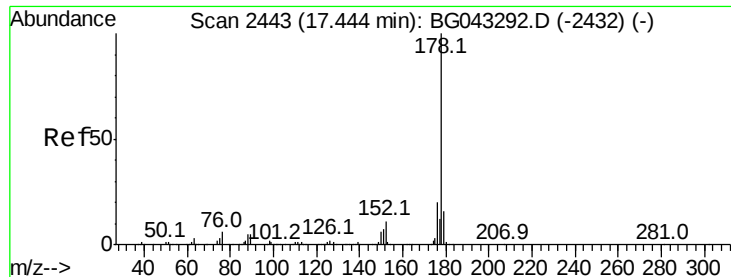
#70
 Pentachlorophenol
 Concen: 38.632 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: BG043520.D
 Acq: 6 Nov 2019 15:01

Tgt Ion:266 Resp: 56084
 Ion Ratio Lower Upper
 266 100
 268 62.1 50.4 75.6
 264 60.9 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

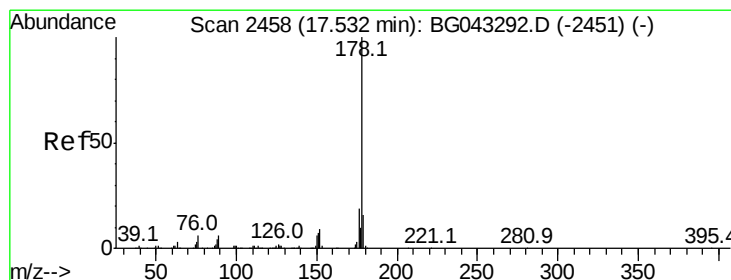
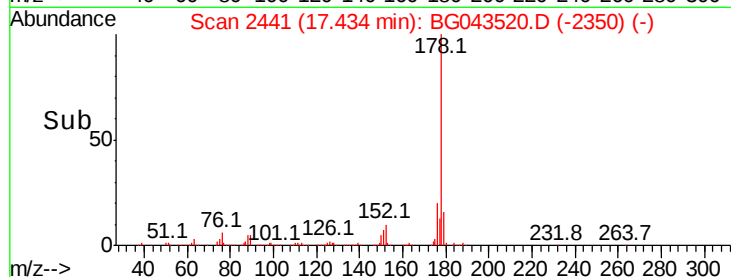
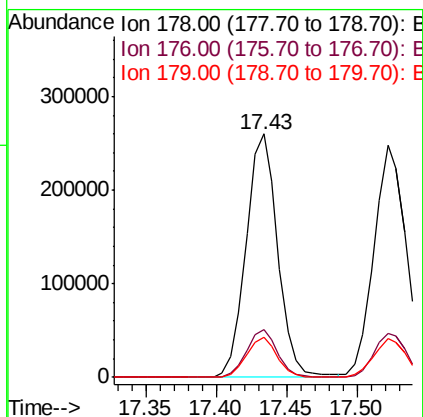
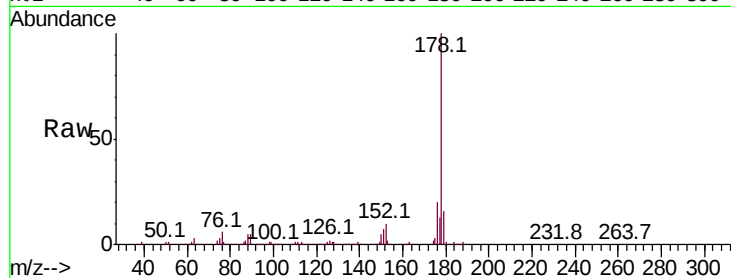




#71
 Phenanthrene
 Concen: 38.717 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. 0.00 min
 Lab File: BG043520.D
 Acq: 6 Nov 2019 15:01

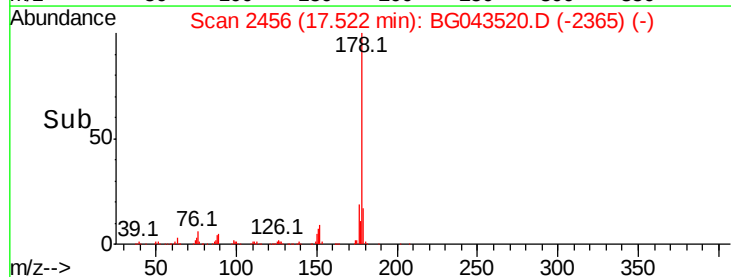
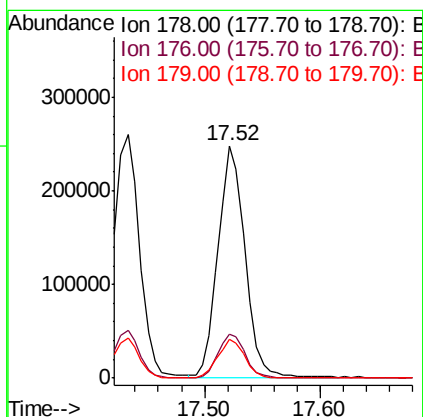
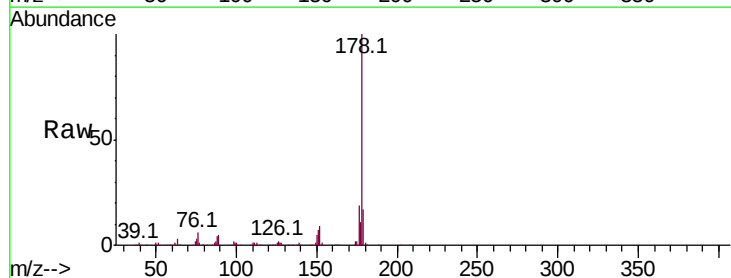
Instrument :
 BNA_G
 ClientSampleId :

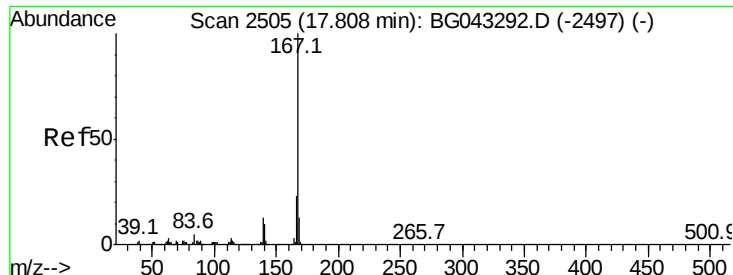
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	16.4	13.0	19.6



#72
 Anthracene
 Concen: 37.904 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. 0.00 min
 Lab File: BG043520.D
 Acq: 6 Nov 2019 15:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	16.6	13.7	20.5





#73

Carbazole

Concen: 40.005 ng

RT: 17.80 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Instrument :

BNA_G

ClientSampleId :

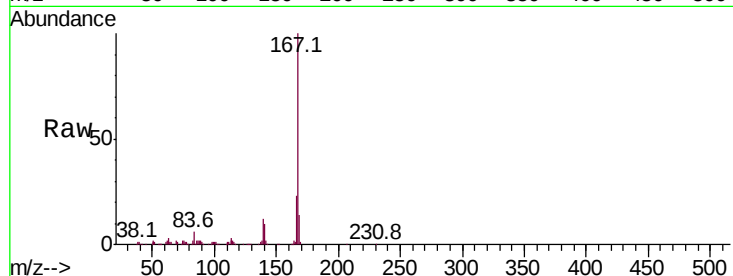
Tot Ion:167 Resp: 382807

Ion Ratio Lower Upper

167 100

166 23.4 18.7 28.1

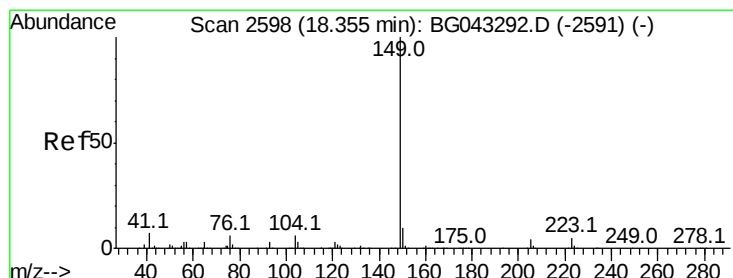
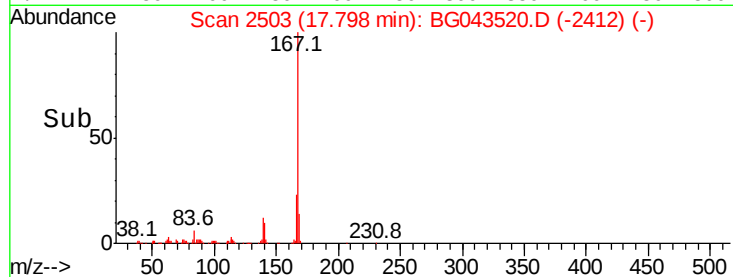
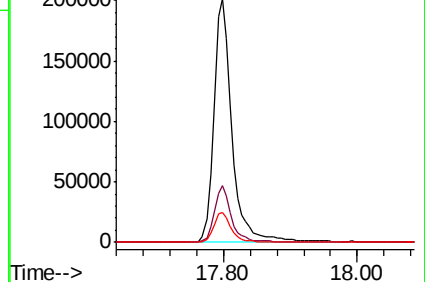
139 12.2 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.576 ng

RT: 18.34 min Scan# 2596

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

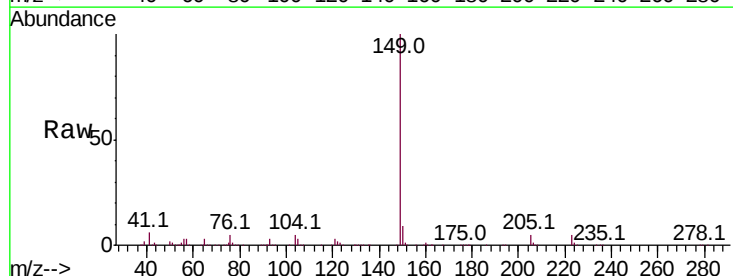
Tgt Ion:149 Resp: 459507

Ion Ratio Lower Upper

149 100

150 9.3 8.0 12.0

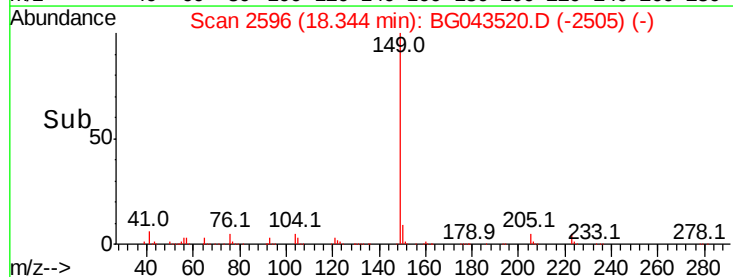
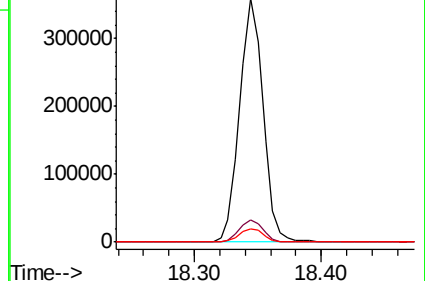
104 5.5 4.4 6.6

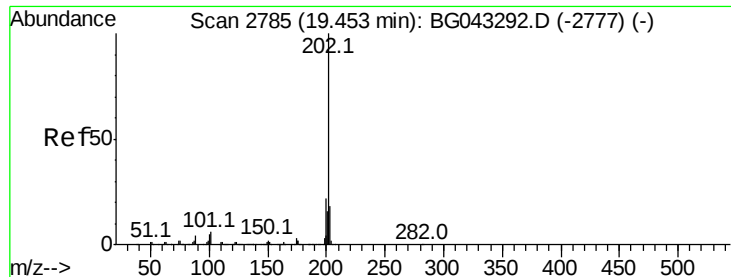


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.761 ng

RT: 19.44 min Scan# 2783

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Instrument :

BNA_G

ClientSampleId :

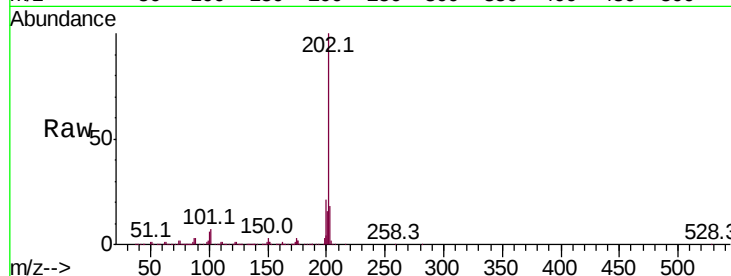
Tot Ion:202 Resp: 519927

Ion Ratio Lower Upper

202 100

101 6.5 0.0 26.3

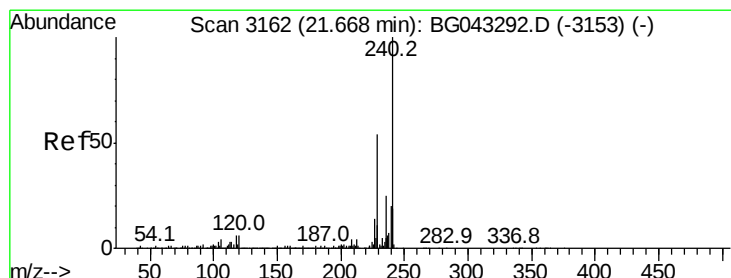
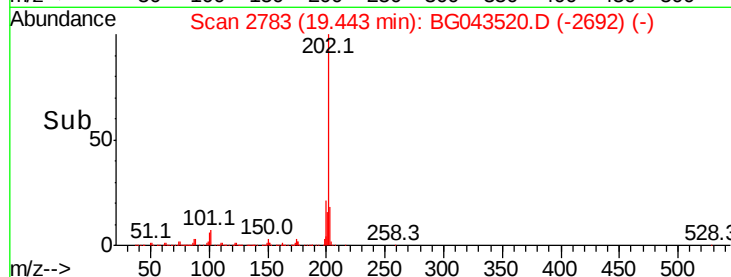
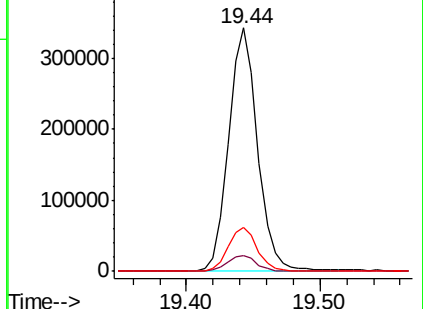
203 18.2 0.0 37.9



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: 21.66 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

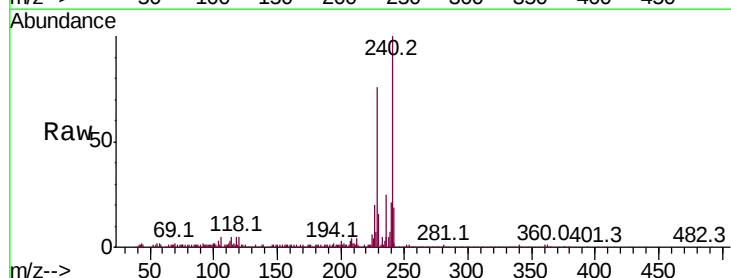
Tgt Ion:240 Resp: 218261

Ion Ratio Lower Upper

240 100

120 5.4 4.6 6.8

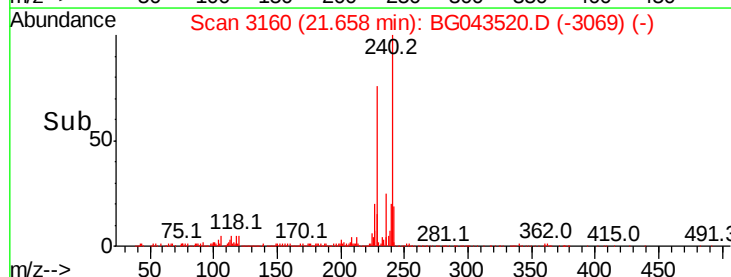
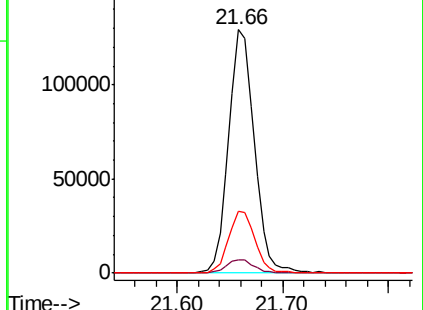
236 25.4 19.8 29.8

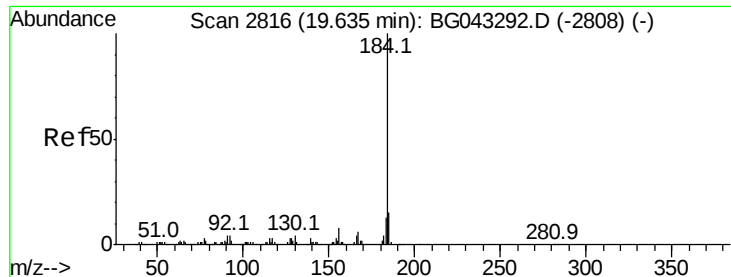


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.421 ng

RT: 19.63 min Scan# 2814

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Instrument :

BNA_G

ClientSampled :

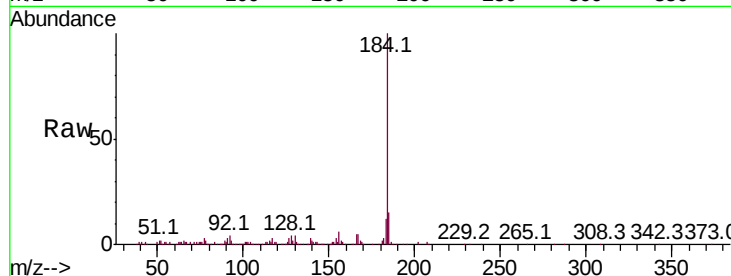
Tot Ion:184 Resp: 203906

Ion Ratio Lower Upper

184 100

185 14.7 11.0 16.4

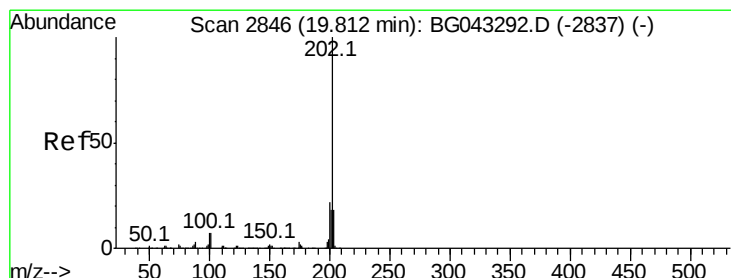
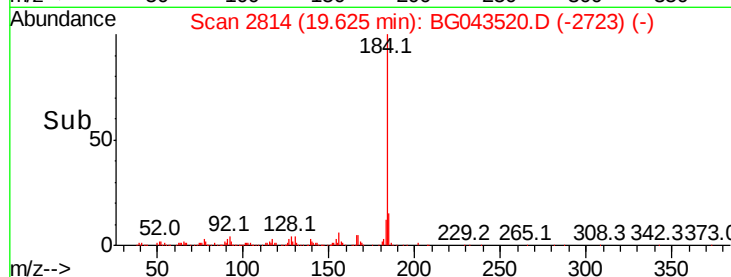
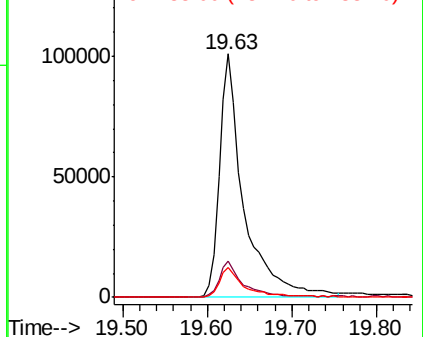
183 12.2 10.0 15.0



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: 39.732 ng

RT: 19.81 min Scan# 2845

Delta R.T. 0.01 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

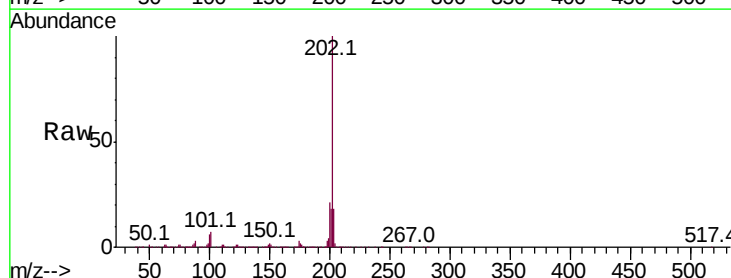
Tgt Ion:202 Resp: 536777

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

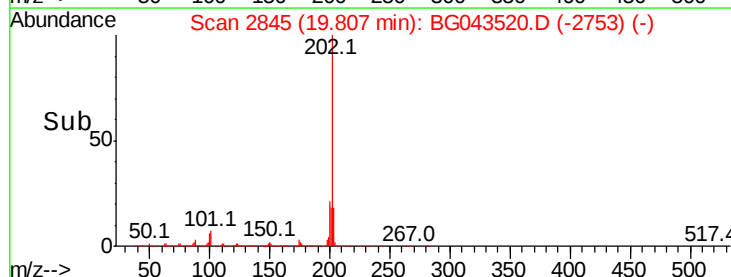
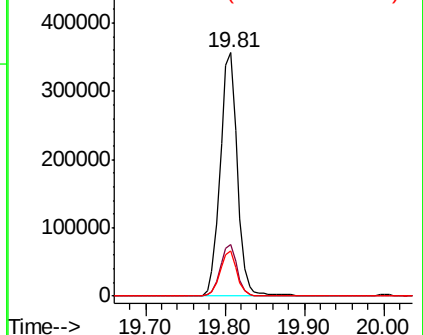
203 18.3 14.7 22.1

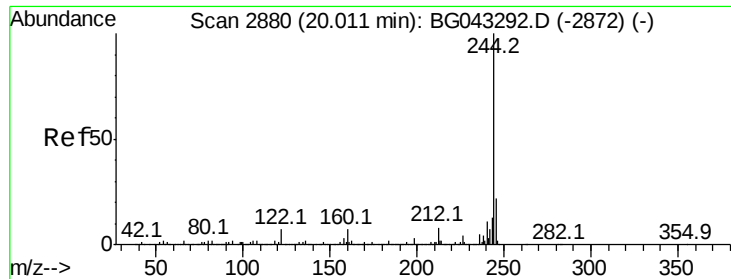


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

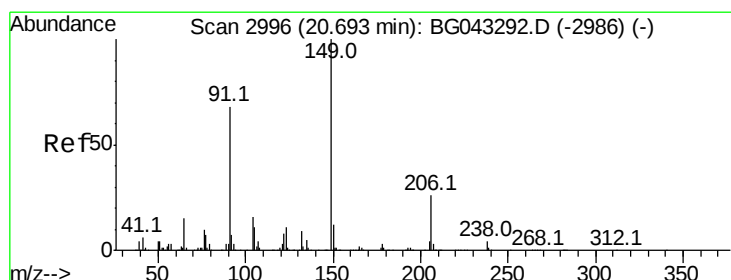
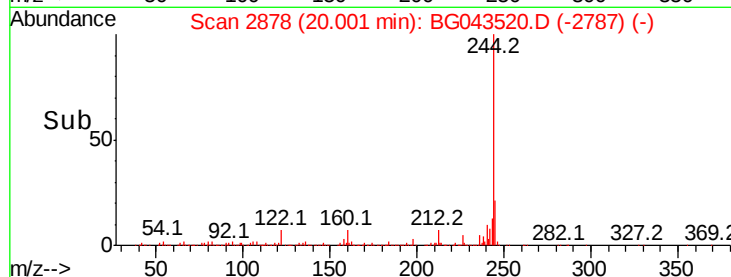
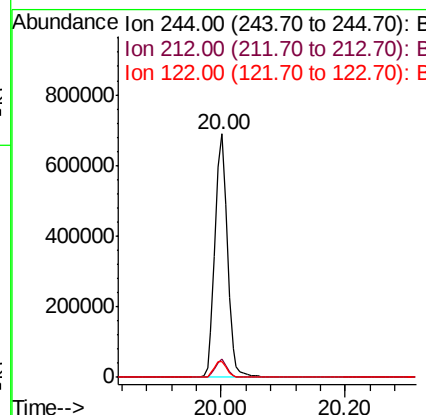
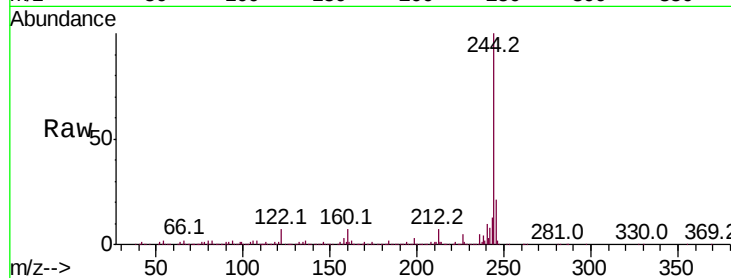




#79
 Terphenyl-d14
 Concen: 81.493 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. 0.00 min
 Lab File: BG043520.D
 Acq: 6 Nov 2019 15:01

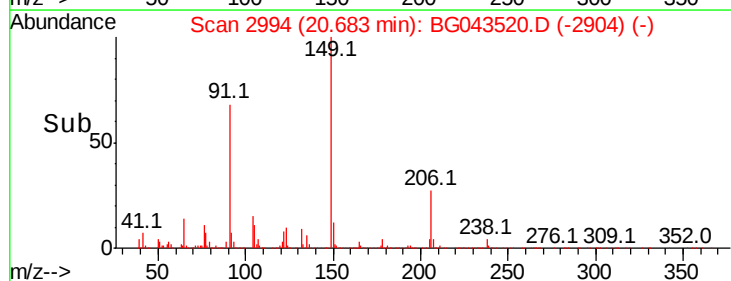
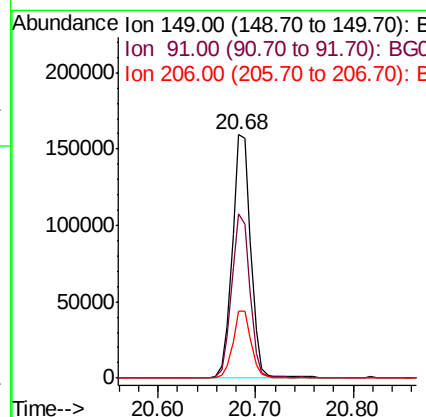
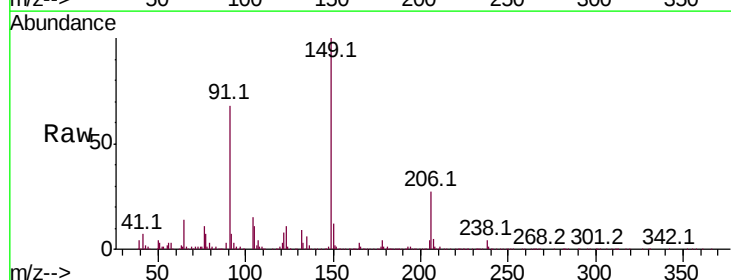
Instrument :
 BNA_G
 ClientSampleId :

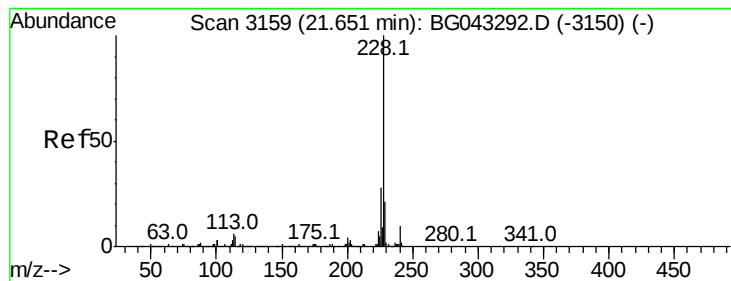
Tot Ion:244 Resp: 948087
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 6.7 5.4 8.2



#80
 Butylbenzylphthalate
 Concen: 40.477 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. -0.00 min
 Lab File: BG043520.D
 Acq: 6 Nov 2019 15:01

Tgt Ion:149 Resp: 207181
 Ion Ratio Lower Upper
 149 100
 91 67.6 51.2 76.8
 206 27.3 22.5 33.7





#81

Benzo(a)anthracene

Concen: 40.287 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

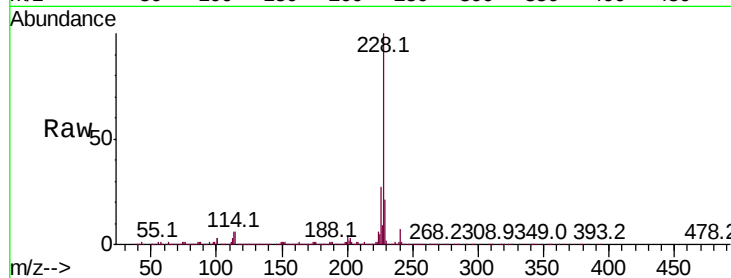
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 550787

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.2
229	20.9	17.0	25.4

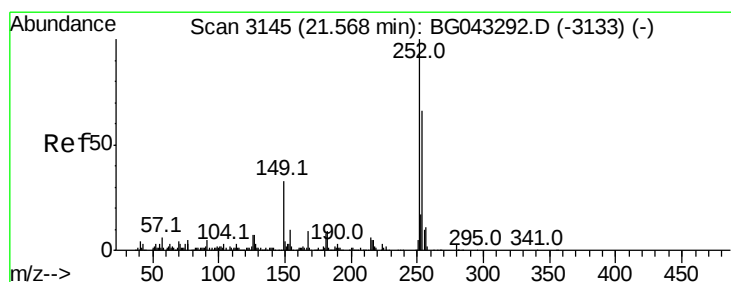
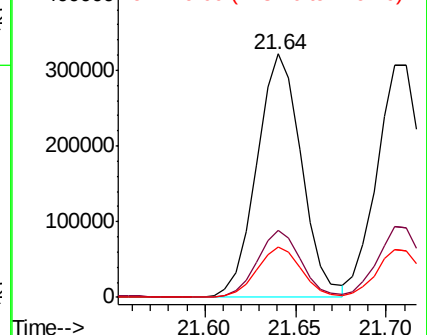
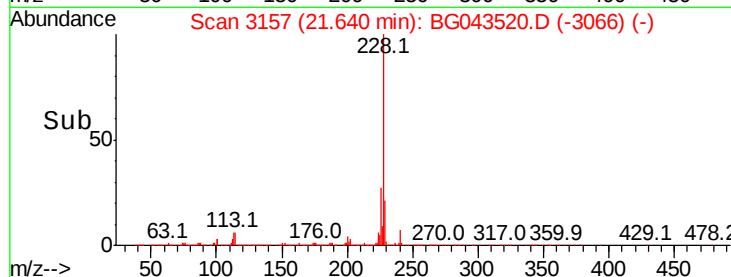


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 40.173 ng

RT: 21.56 min Scan# 3143

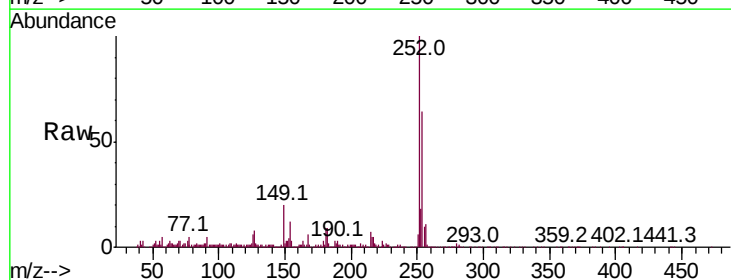
Delta R.T. 0.01 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Tgt Ion:252 Resp: 212434

Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.8	76.2
126	6.2	6.1	9.1

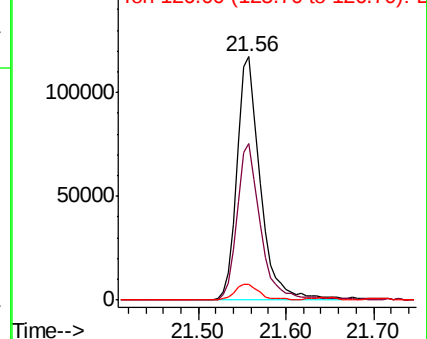
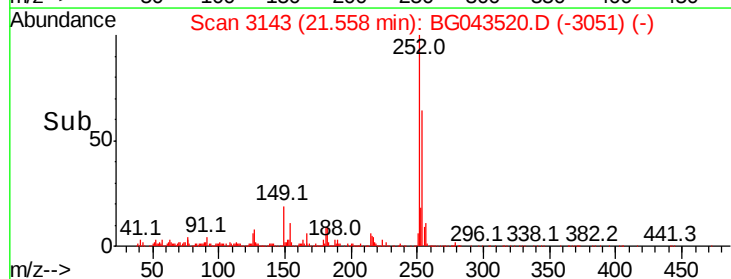


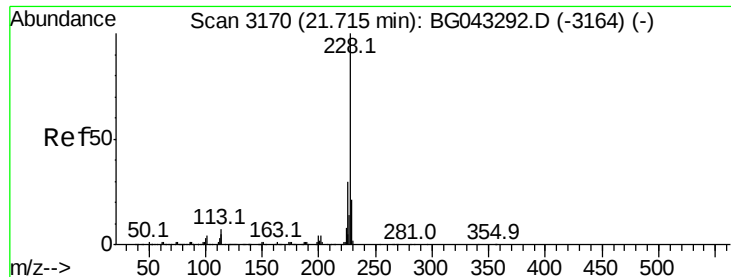
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.746 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

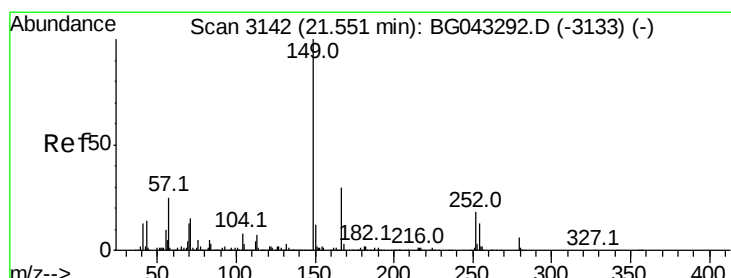
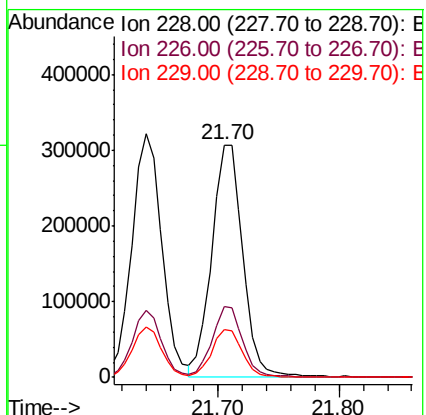
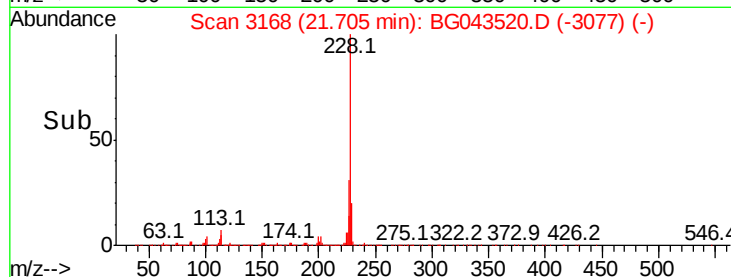
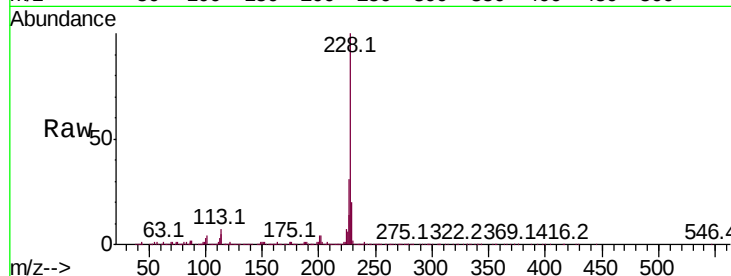
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 539905

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.1	37.7
229	20.4	17.0	25.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.401 ng

RT: 21.54 min Scan# 3140

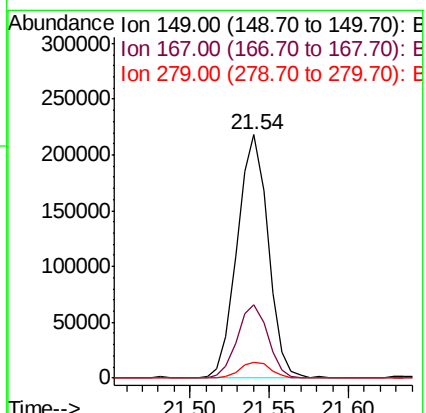
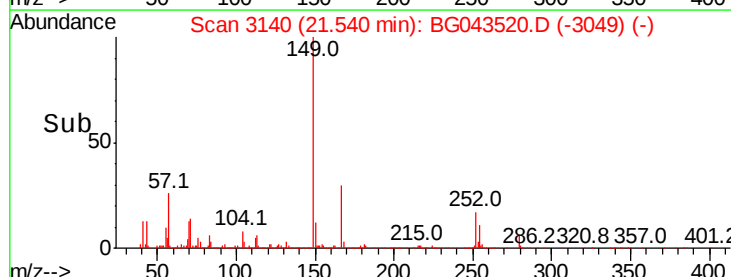
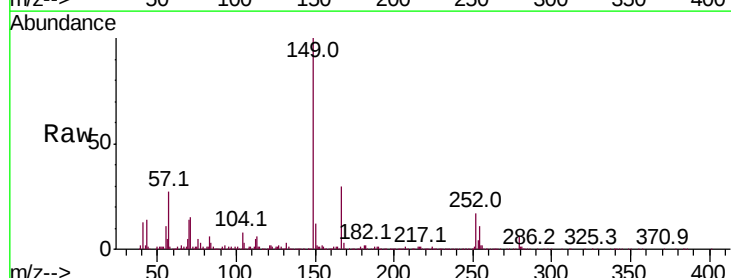
Delta R.T. 0.00 min

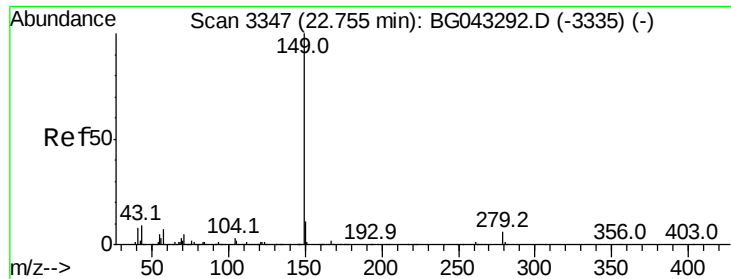
Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Tgt Ion:149 Resp: 293749

Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.0	36.0
279	6.5	5.4	8.2





#85

Di-n-octyl phthalate

Concen: 41.454 ng

RT: 22.74 min Scan# 3344

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Instrument :

BNA_G

ClientSampleId :

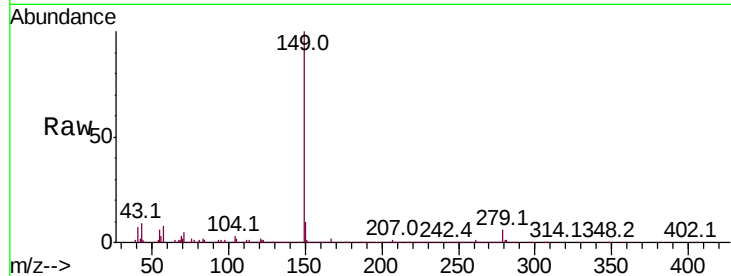
Tot Ion:149 Resp: 511353

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

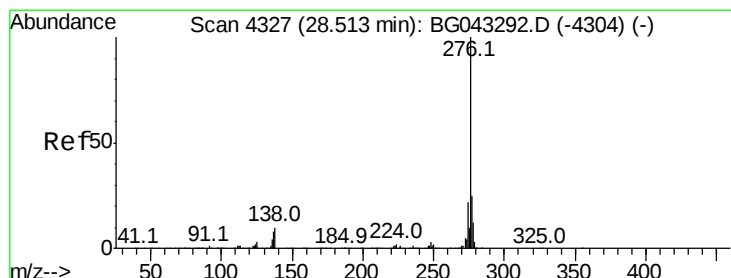
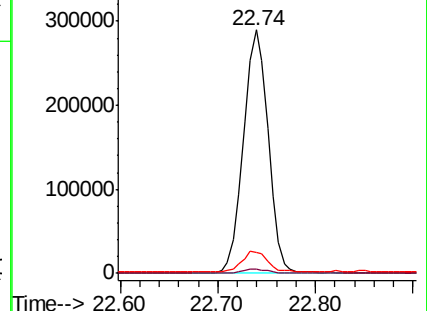
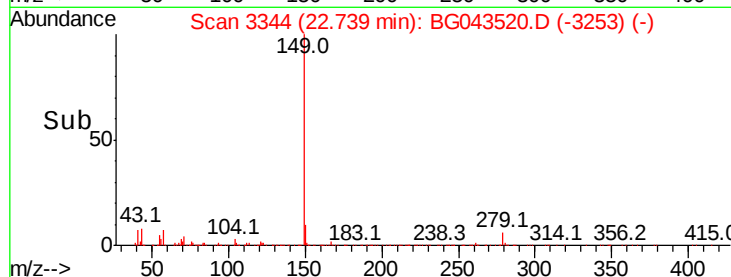
43 8.9 7.0 10.6



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: 41.757 ng

RT: 28.51 min Scan# 4327

Delta R.T. 0.02 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

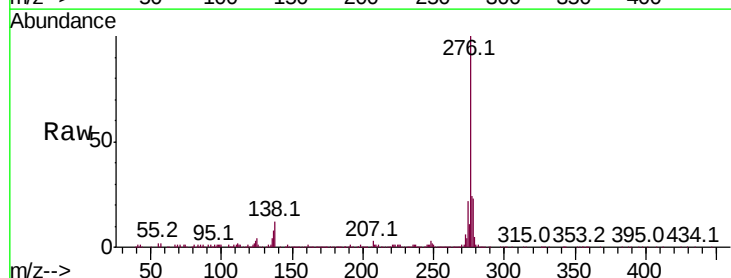
Tgt Ion:276 Resp: 712014

Ion Ratio Lower Upper

276 100

138 6.2 6.8 10.2#

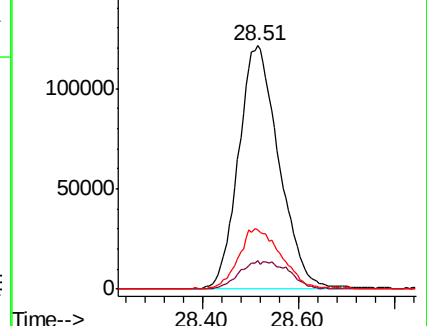
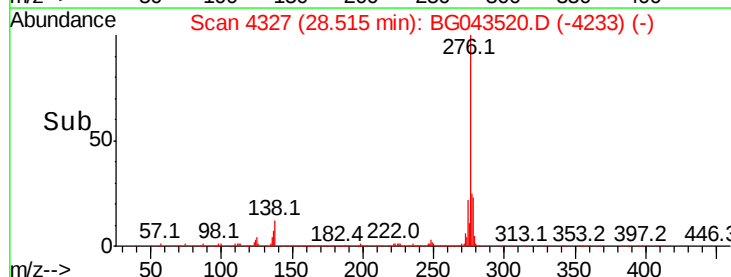
277 25.5 20.9 31.3

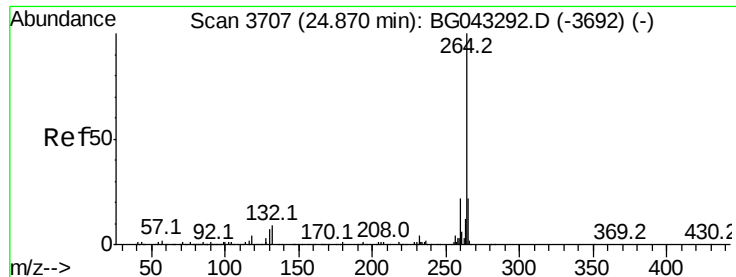


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG043520.D

Acq: 6 Nov 2019 15:01

Instrument :

BNA_G

ClientSampled :

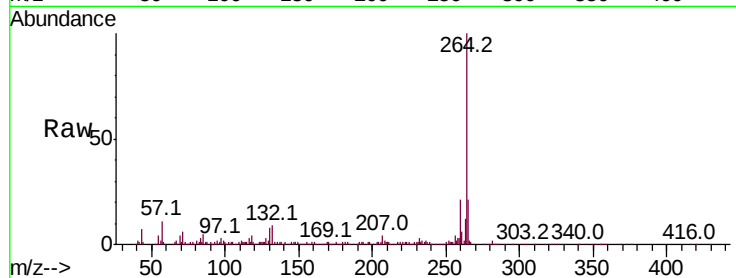
Tot Ion:264 Resp: 262127

Ion	Ratio	Lower	Upper
264	100		
260	20.9	17.5	26.3
265	21.1	17.4	26.0

264 100

260 20.9 17.5 26.3

265 21.1 17.4 26.0

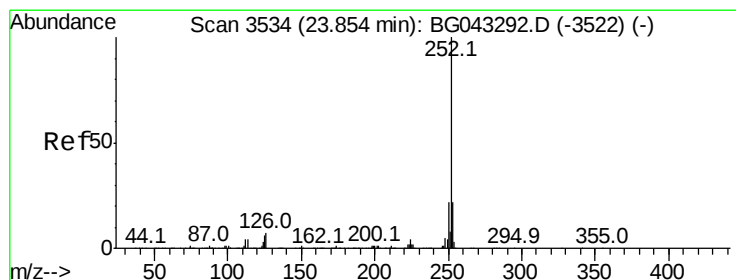
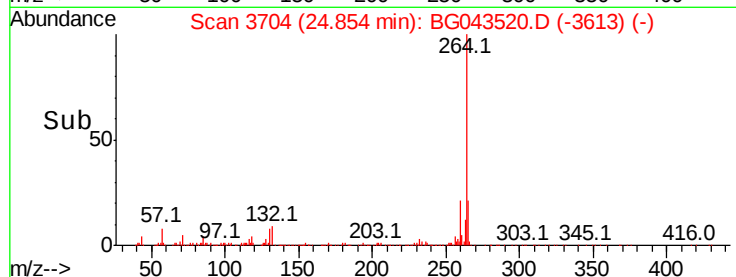
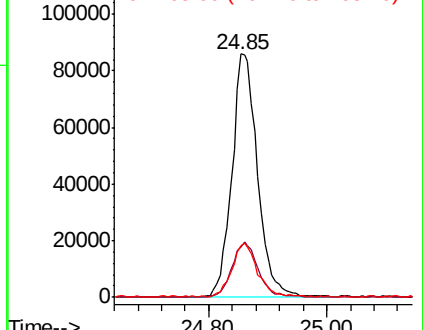


Abundance

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: 39.388 ng

RT: 23.84 min Scan# 3532

Delta R.T. 0.00 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

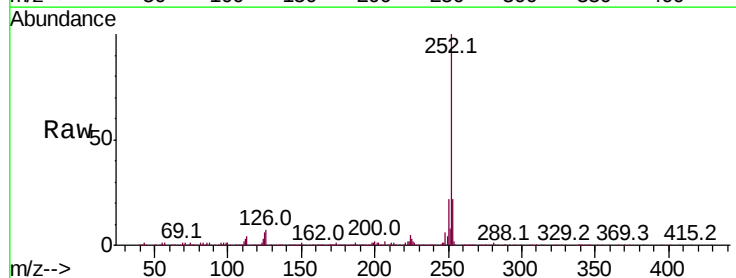
Tgt Ion:252 Resp: 584756

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	5.6	4.5	6.7

252 100

253 22.3 17.7 26.5

125 5.6 4.5 6.7

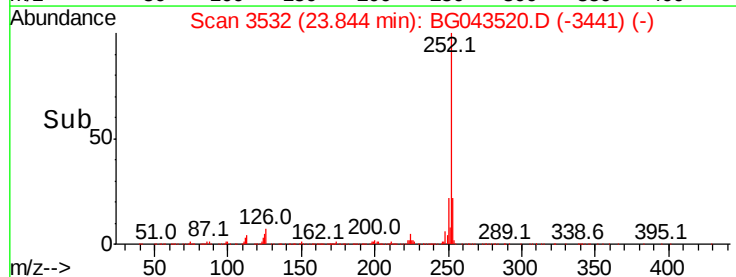
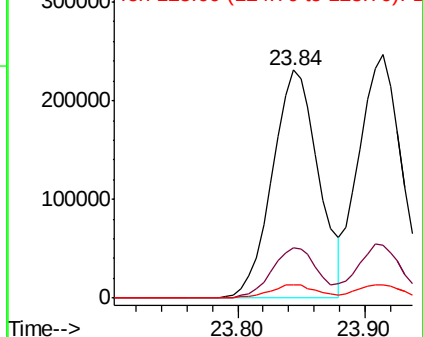


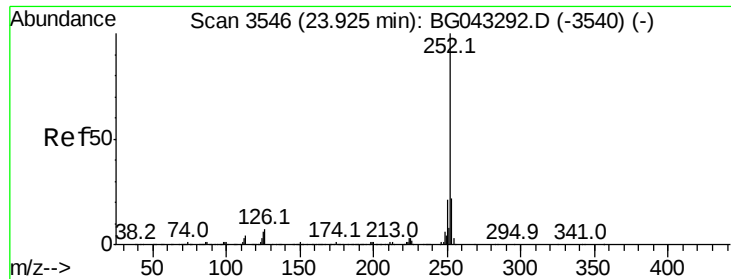
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.246 ng

RT: 23.91 min Scan# 3544

Delta R.T. 0.01 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

Instrument :

BNA_G

ClientSampleId :

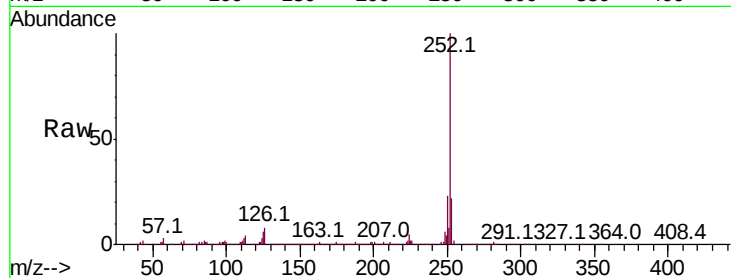
Tot Ion:252 Resp: 586558

Ion Ratio Lower Upper

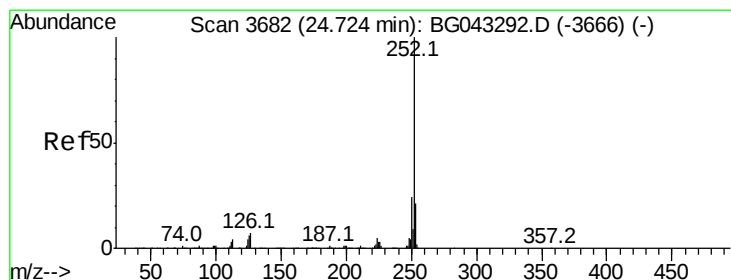
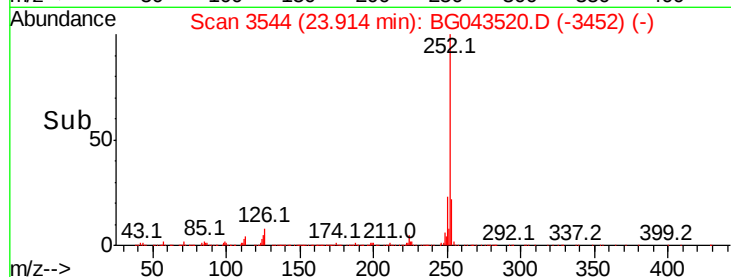
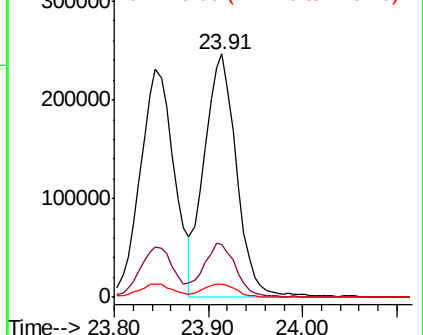
252 100

253 21.8 17.3 25.9

125 5.5 4.6 6.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.275 ng

RT: 24.71 min Scan# 3680

Delta R.T. 0.01 min

Lab File: BG043520.D

Acq: 6 Nov 2019 15:01

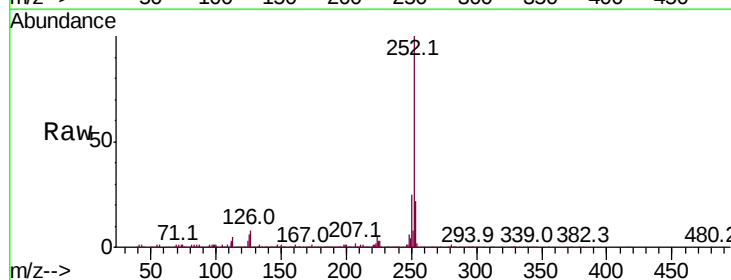
Tgt Ion:252 Resp: 556804

Ion Ratio Lower Upper

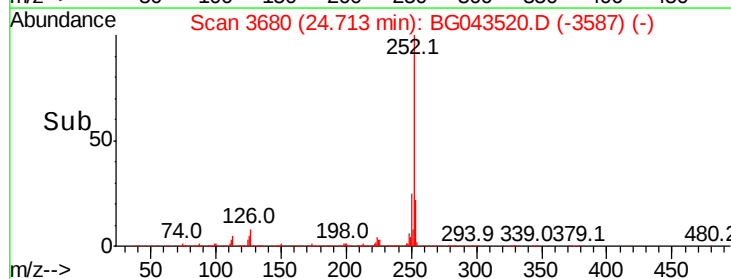
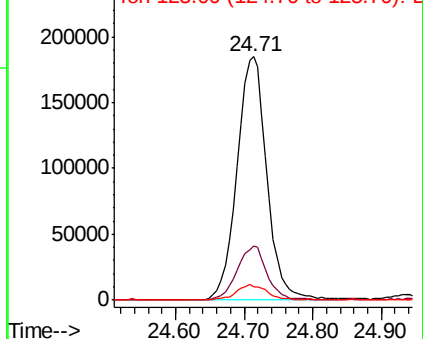
252 100

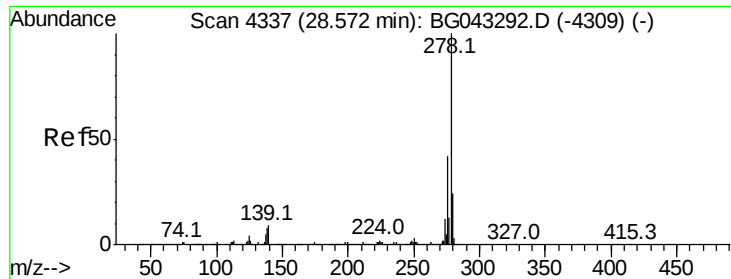
253 22.3 17.8 26.8

125 5.6 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

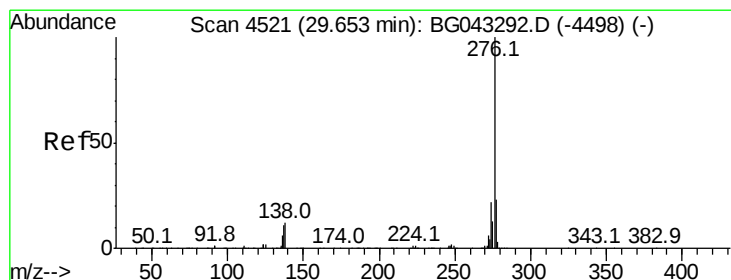
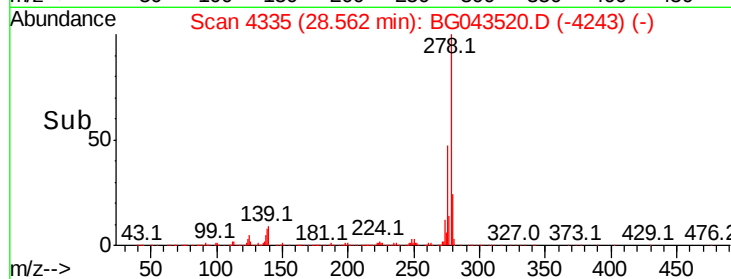
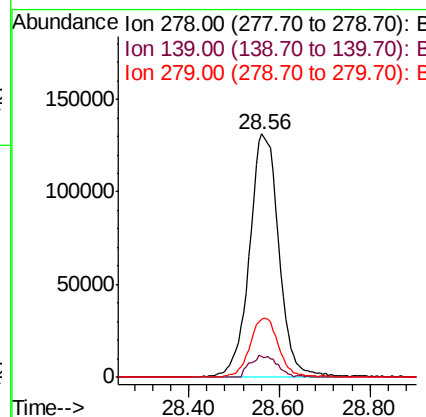
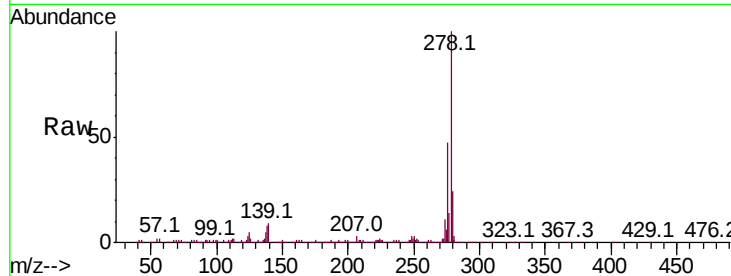




#91
Dibenzo(a,h)anthracene
Concen: 40.800 ng
RT: 28.56 min Scan# 4335
Delta R.T. 0.01 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.8	7.4	11.0
279	23.8	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 39.527 ng
RT: 29.65 min Scan# 4520
Delta R.T. 0.02 min
Lab File: BG043520.D
Acq: 6 Nov 2019 15:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.9	28.3
138	10.8	8.9	13.3

