

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043792.D
 Acq On : 9 Dec 2019 15:26
 Operator : JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 09 16:26:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 15:25:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	137840	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	580680	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	402162	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	858689	20.00	ng	0.00
76) Chrysene-d12	21.64	240	714870	20.00	ng	0.00
87) Perylene-d12	24.79	264	809396	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	858121	111.92	ng	0.00
7) Phenol-d6	7.16	99	1239300	111.19	ng	0.00
23) Nitrobenzene-d5	9.16	82	1251617	118.51	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	475522	98.03	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2549103	104.19	ng	0.00
79) Terphenyl-d14	19.98	244	3219022	101.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	195179	57.412	ng	99
3) Pyridine	3.88	79	523260	54.664	ng	99
4) n-Nitrosodimethylamine	3.79	42	268423	56.450	ng	99
6) Aniline	7.33	93	825273	56.819	ng	99
8) 2-Chlorophenol	7.57	128	501162	57.309	ng	96
9) Benzaldehyde	7.14	77	299470	44.982	ng	91
10) Phenol	7.19	94	641654	56.079	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	532885	55.804	ng	96
12) 1,3-Dichlorobenzene	7.89	146	594064	57.708	ng	99
13) 1,4-Dichlorobenzene	8.04	146	593140	56.886	ng	99
14) 1,2-Dichlorobenzene	8.36	146	564403	57.208	ng	97
15) Benzyl Alcohol	8.23	79	503062	54.038	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	867118	52.801	ng	99
17) 2-Methylphenol	8.44	107	458891	56.096	ng	99
18) Hexachloroethane	9.09	117	216843	55.091	ng	99
19) n-Nitroso-di-n-propylamine	8.82	70	476527	54.368	ng	99
20) 3+4-Methylphenols	8.77	107	640536	56.125	ng	99
22) Acetophenone	8.82	105	847326	55.055	ng	# 97
24) Nitrobenzene	9.20	77	632407	58.255	ng	99
25) Isophorone	9.73	82	1227124	54.188	ng	99
26) 2-Nitrophenol	9.91	139	253143	64.633	ng	98
27) 2,4-Dimethylphenol	9.97	122	443531	57.672	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	779073	55.818	ng	97
29) 2,4-Dichlorophenol	10.45	162	555651	59.432	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	631361	57.627	ng	99
31) Naphthalene	10.85	128	1625669	56.436	ng	98
32) Benzoic acid	10.13	122	330157	59.531	ng	96
33) 4-Chloroaniline	10.95	127	795889	57.349	ng	97
34) Hexachlorobutadiene	11.15	225	383261	53.199	ng	97
35) Caprolactam	11.74	113	218158	57.385	ng	98
36) 4-Chloro-3-methylphenol	12.08	107	584520	55.632	ng	99
37) 2-Methylnaphthalene	12.46	142	1261644	58.121	ng	98
38) 1-Methylnaphthalene	12.68	142	1200955	58.294	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	713457	55.753	ng	100

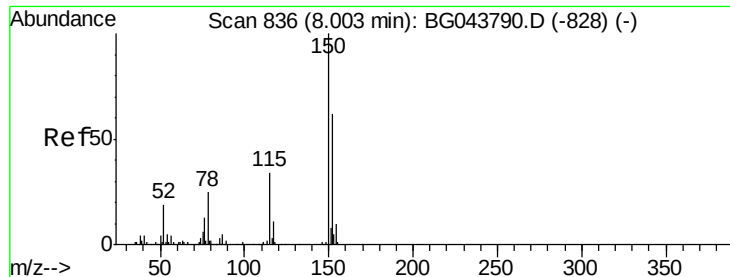
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043792.D
 Acq On : 9 Dec 2019 15:26
 Operator : JU
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	351236	50.802	nq	98
43) 2,4,6-Trichlorophenol	13.06	196	474501	57.654	nq	99
44) 2,4,5-Trichlorophenol	13.13	196	488226	57.022	nq	98
46) 1,1'-Biphenyl	13.47	154	1598685	57.349	nq	95
47) 2-Chloronaphthalene	13.51	162	1315397	57.862	nq	97
48) 2-Nitroaniline	13.70	65	423165	63.582	nq	97
49) Acenaphthylene	14.36	152	1928410	53.917	nq	95
50) Dimethylphthalate	14.09	163	1653353	51.898	nq	98
51) 2,6-Dinitrotoluene	14.20	165	383988	64.905	nq	99
52) Acenaphthene	14.70	154	1299466	56.812	nq	97
53) 3-Nitroaniline	14.53	138	432169	62.540	nq	96
54) 2,4-Dinitrophenol	14.73	184	137872	57.039	nq	95
55) Dibenzofuran	15.03	168	1867469	52.408	nq	96
56) 4-Nitrophenol	14.83	139	332218	57.076	nq	95
57) 2,4-Dinitrotoluene	14.98	165	528793	64.449	nq	# 96
58) Fluorene	15.68	166	1504373	51.481	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	441084	51.291	nq	98
60) Diethylphthalate	15.45	149	1644747	49.171	nq	97
61) 4-Chlorophenyl-phenylether	15.67	204	859128	53.399	nq	99
62) 4-Nitroaniline	15.69	138	437461	55.208	nq	100
63) Azobenzene	15.97	77	1505311	50.202	nq	96
65) 4,6-Dinitro-2-methylphenol	15.75	198	205535	70.538	nq	98
66) n-Nitrosodiphenylamine	15.88	169	1400973	61.622	nq	98
67) 4-Bromophenyl-phenylether	16.57	248	550616	60.805	nq	98
68) Hexachlorobenzene	16.69	284	580382	58.627	nq	99
69) Atrazine	16.83	200	370192	40.629	nq	100
70) Pentachlorophenol	17.02	266	332458	55.036	nq	98
71) Phenanthrene	17.42	178	2319807	54.598	nq	93
72) Anthracene	17.51	178	2307172	53.754	nq	94
73) Carbazole	17.77	167	2139142	50.305	nq	94
74) Di-n-butylphthalate	18.35	149	2468652	45.358	nq	# 94
75) Fluoranthene	19.42	202	2604610	42.735	nq	93
77) Benzidine	19.60	184	934243	44.739	nq	97
78) Pyrene	19.78	202	2609440	56.559	nq	92
80) Butylbenzylphthalate	20.68	149	1202121	57.197	nq	98
81) Benzo(a)anthracene	21.61	228	2567031	53.713	nq	93
82) 3,3'-Dichlorobenzidine	21.53	252	983201	54.861	nq	98
83) Chrysene	21.68	228	2453317	54.250	nq	94
84) Bis(2-ethylhexyl)phthalate	21.55	149	1652618	55.885	nq	96
85) Di-n-octyl phthalate	22.75	149	2784078	58.043	nq	97
86) Indeno(1,2,3-cd)pyrene	28.38	276	3258055	61.935	nq	99
88) Benzo(b)fluoranthene	23.79	252	2733169	56.557	nq	98
89) Benzo(k)fluoranthene	23.86	252	2607108	56.212	nq	96
90) Benzo(a)pyrene	24.64	252	2602363	57.268	nq	97
91) Dibenzo(a,h)anthracene	28.45	278	2613782	59.300	nq	98
92) Benzo(g,h,i)perylene	29.50	276	2582560	59.414	nq	97

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

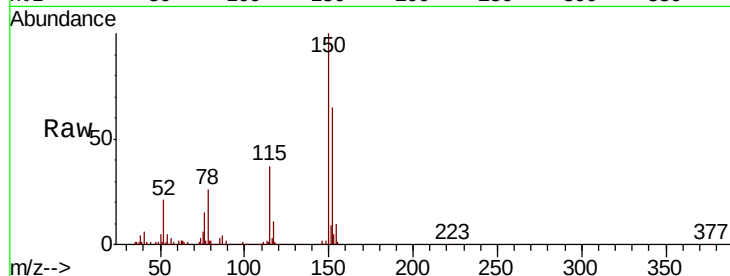


#1

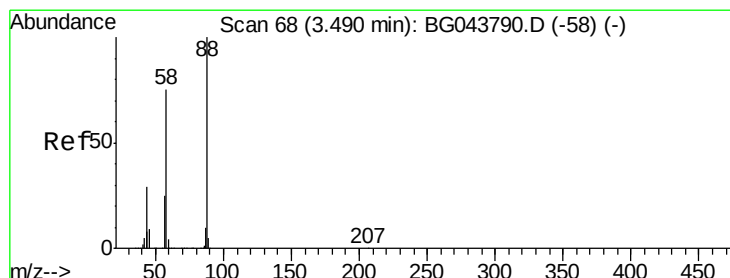
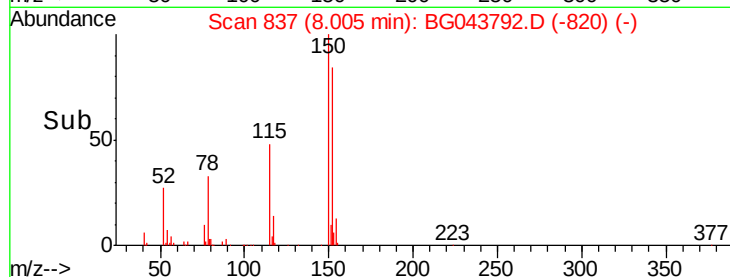
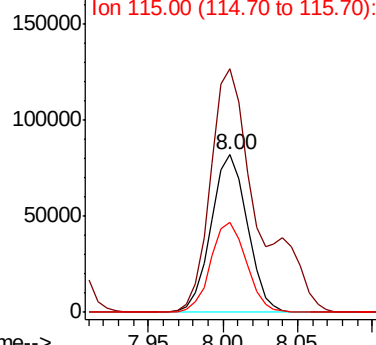
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	128.6	192.8
115	57.3	44.3	66.5



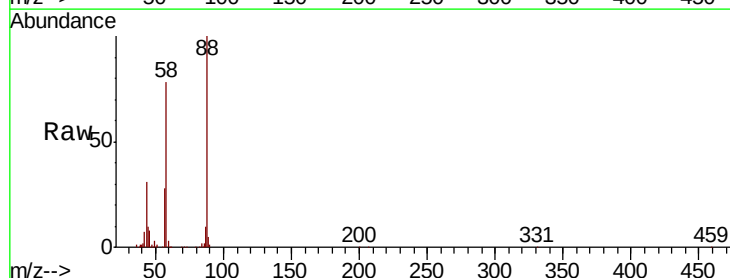
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



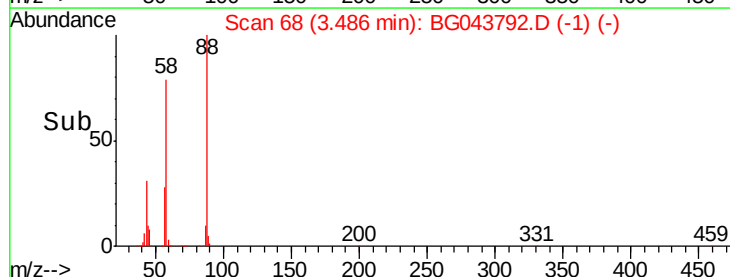
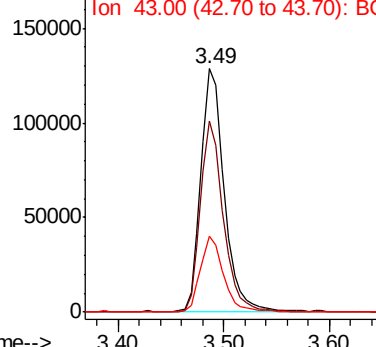
#2

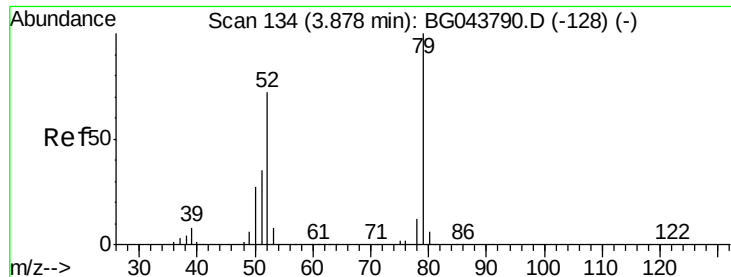
1,4-Dioxane
Concen: 57.412 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.5	62.2	93.4
43	31.0	24.3	36.5



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: 54.664 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampleId :

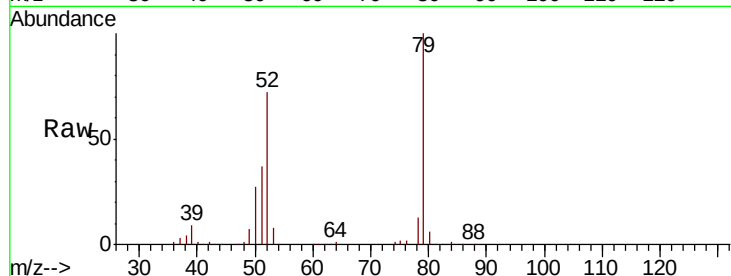
Tot Ion: 79 Resp: 523260

Ion Ratio Lower Upper

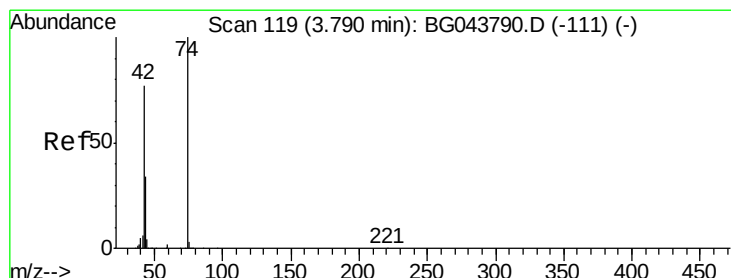
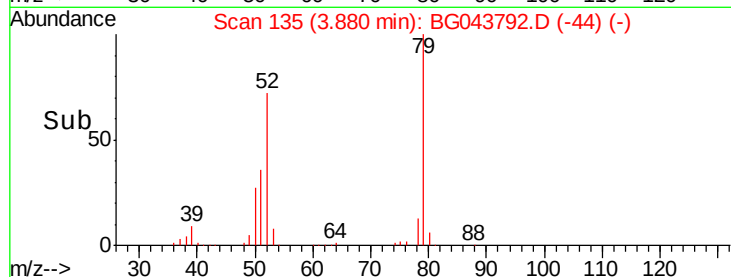
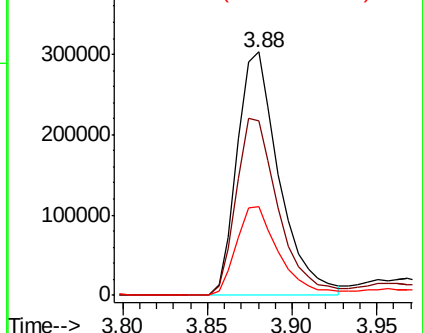
79 100

52 71.8 57.6 86.4

51 36.6 27.8 41.8



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: 56.450 ng

RT: 3.79 min Scan# 120

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

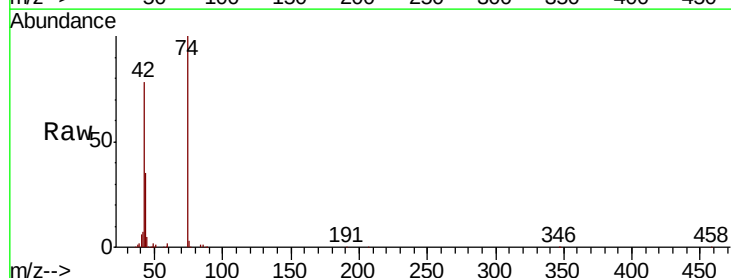
Tgt Ion: 42 Resp: 268423

Ion Ratio Lower Upper

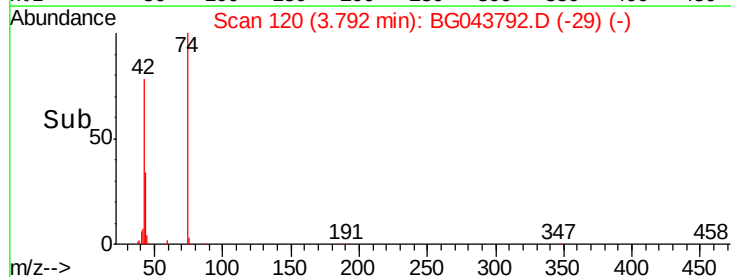
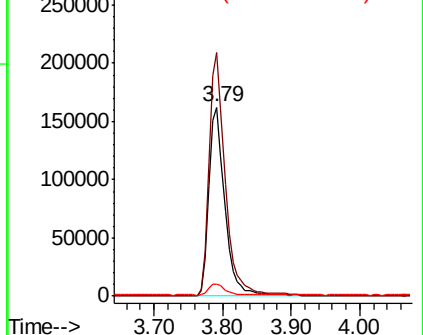
42 100

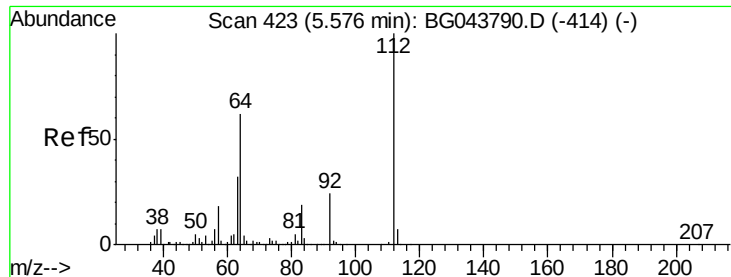
74 128.8 104.2 156.4

44 6.6 5.6 8.4



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: 111.921 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampleId :

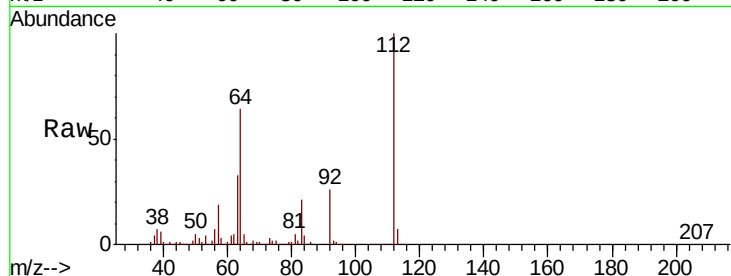
Tot Ion:112 Resp: 858121

Ion Ratio Lower Upper

112 100

64 64.3 49.9 74.9

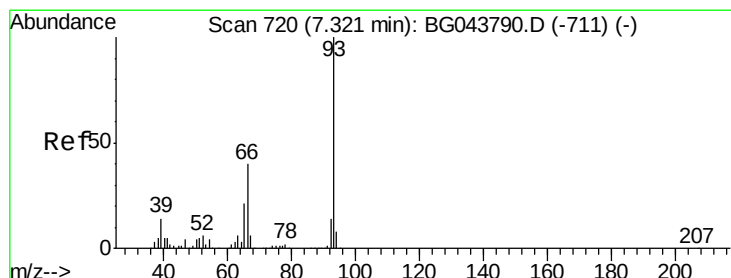
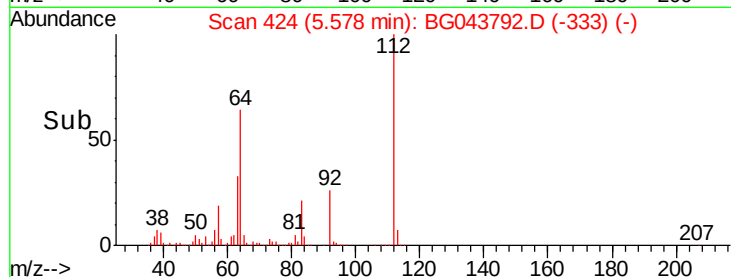
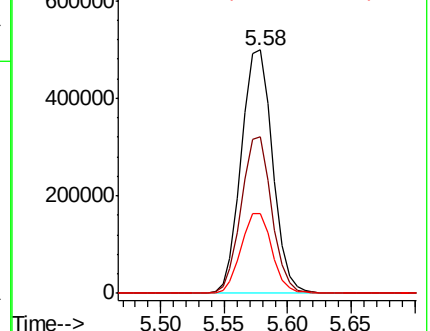
63 32.9 26.0 39.0



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: 56.819 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

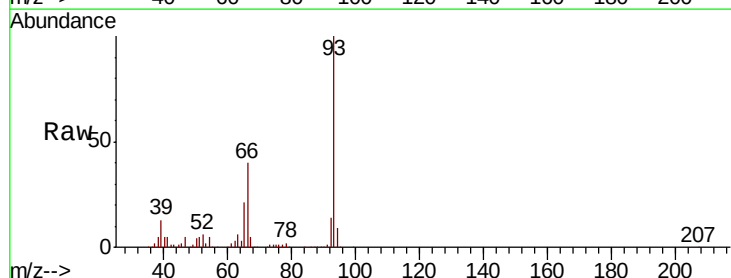
Tgt Ion: 93 Resp: 825273

Ion Ratio Lower Upper

93 100

66 40.3 31.9 47.9

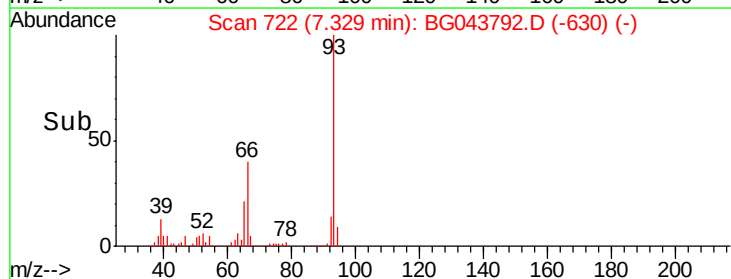
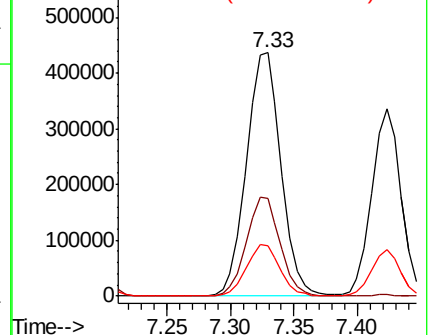
65 20.7 16.8 25.2

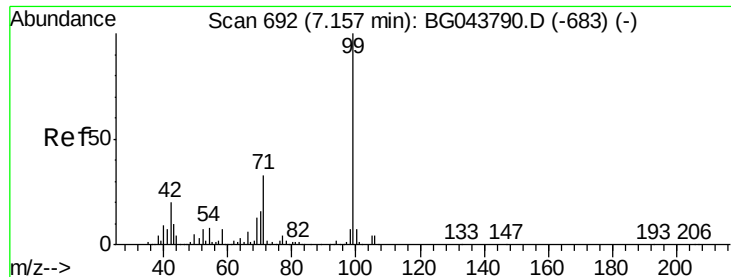


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 111.192 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampleId :

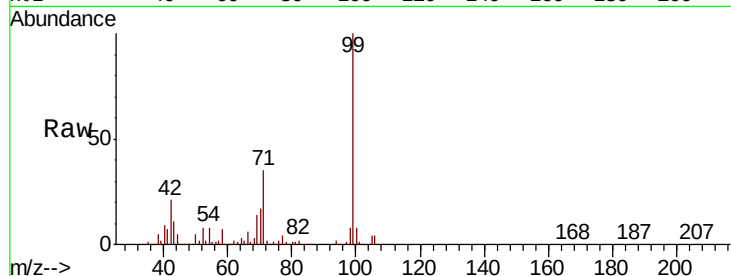
Tot Ion: 99 Resp: 1239300

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.2	24.2
71	35.1	26.6	40.0

99 100

42 21.0 16.2 24.2

71 35.1 26.6 40.0

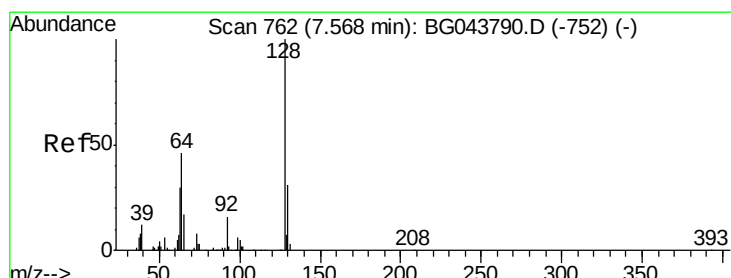
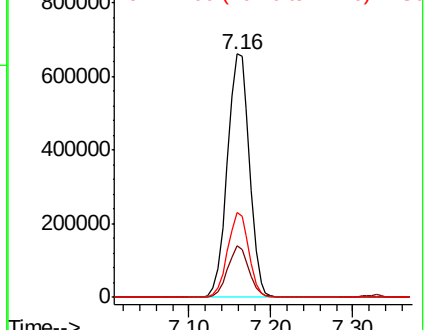
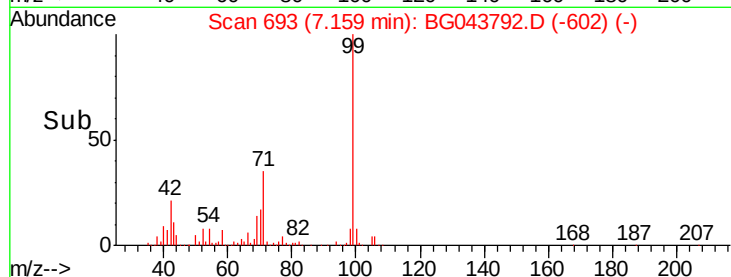


Abundance

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: 57.309 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

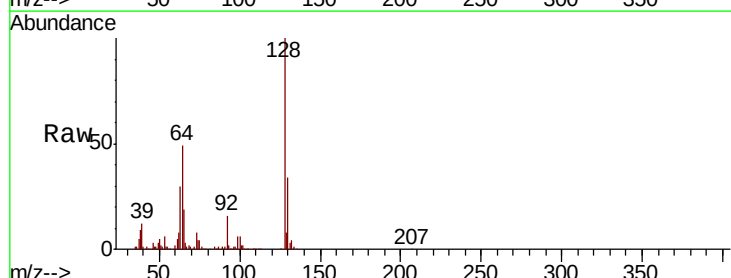
Tgt Ion: 128 Resp: 501162

Ion	Ratio	Lower	Upper
128	100		
130	34.4	11.1	51.1
64	48.7	26.5	66.5

128 100

130 34.4 11.1 51.1

64 48.7 26.5 66.5

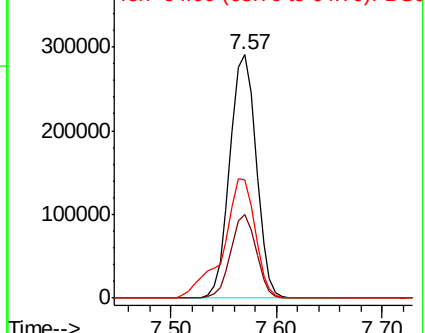
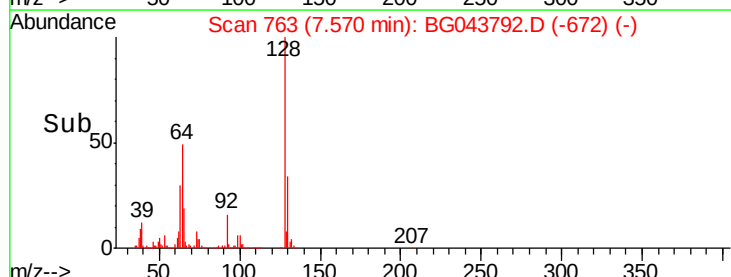


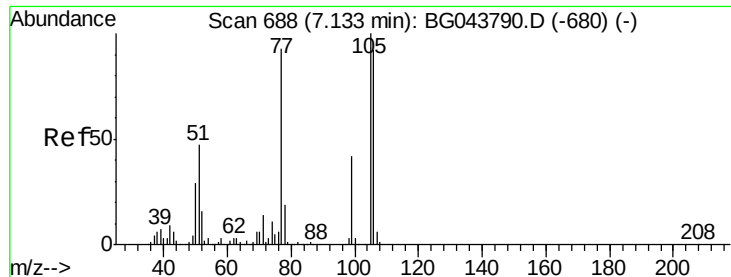
Abundance

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: 44.982 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampleId :

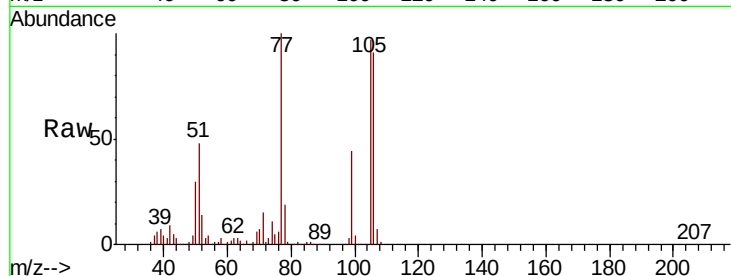
Tot Ion: 77 Resp: 299470

Ion Ratio Lower Upper

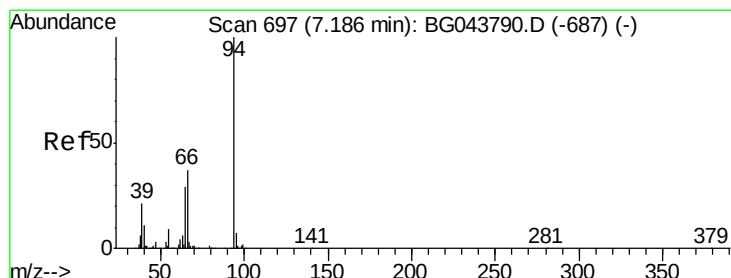
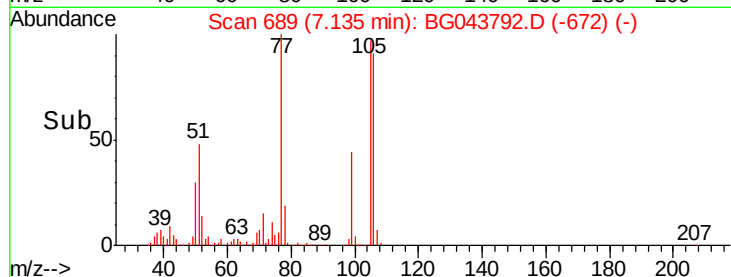
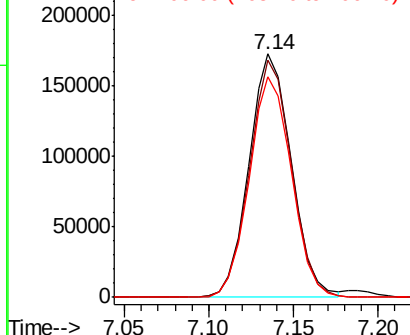
77 100

105 97.3 87.1 127.1

106 90.7 78.2 118.2



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



#10

Phenol

Concen: 56.079 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

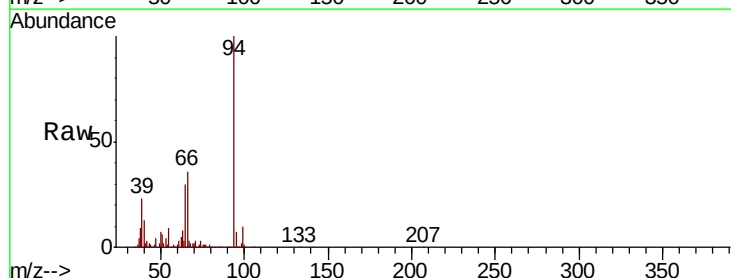
Tgt Ion: 94 Resp: 641654

Ion Ratio Lower Upper

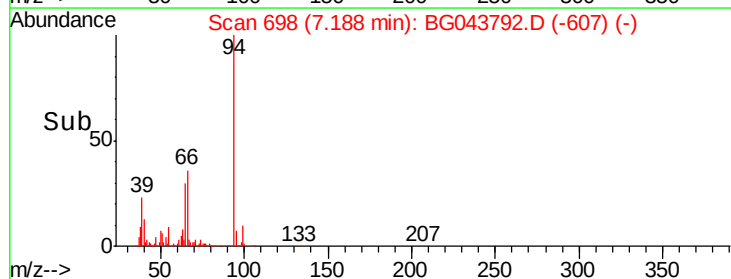
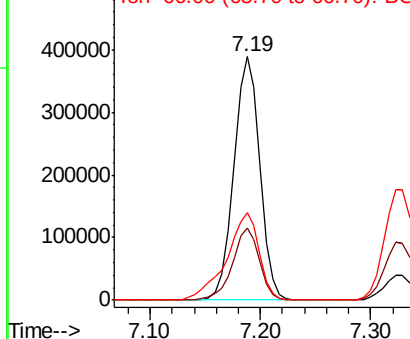
94 100

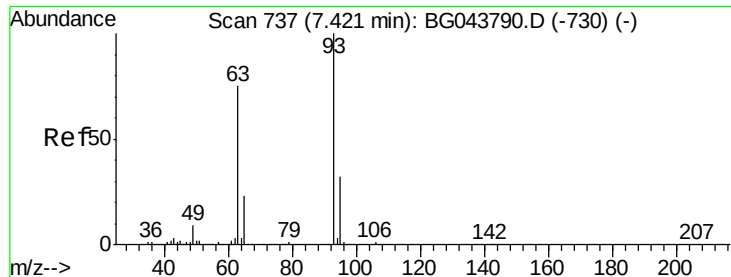
65 29.8 9.5 49.5

66 35.7 16.8 56.8



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

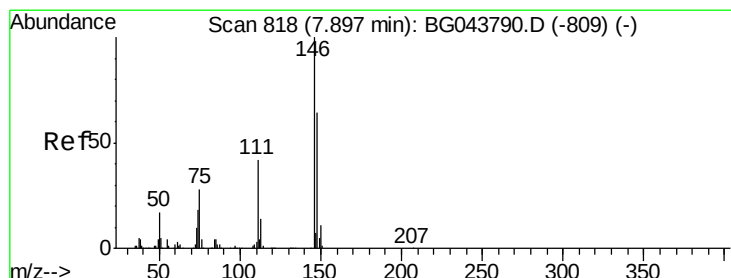
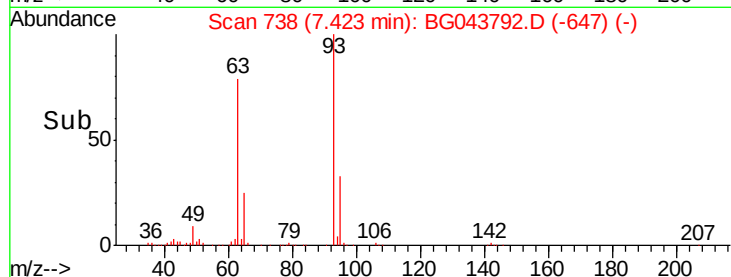
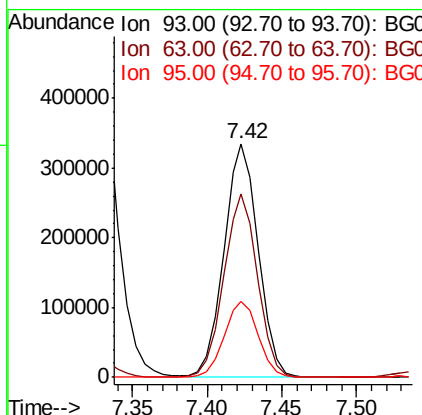
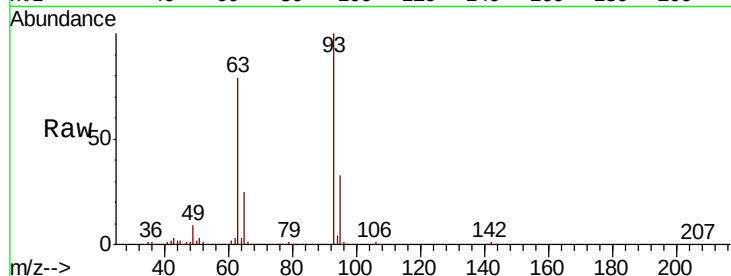




#11
bis(2-Chloroethyl)ether
Concen: 55.804 ng
RT: 7.42 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

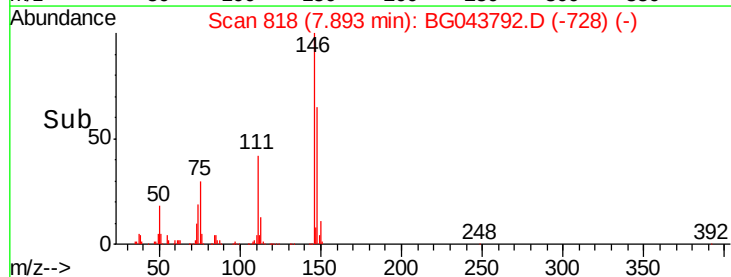
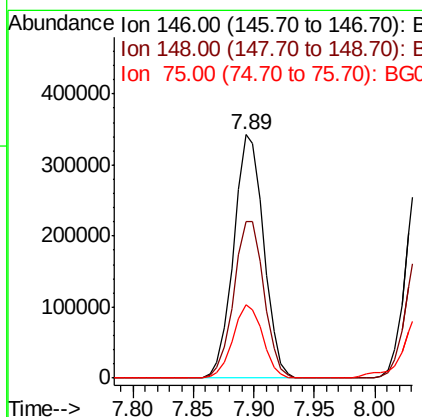
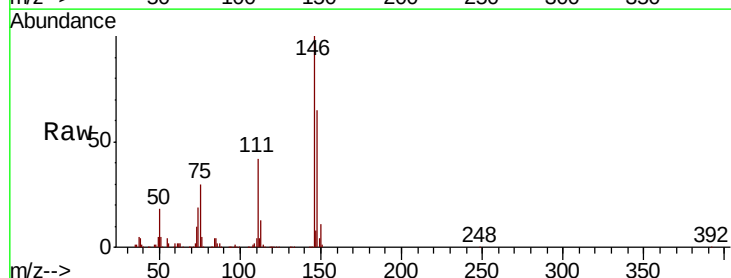
Instrument :
BNA_G
ClientSampleId :

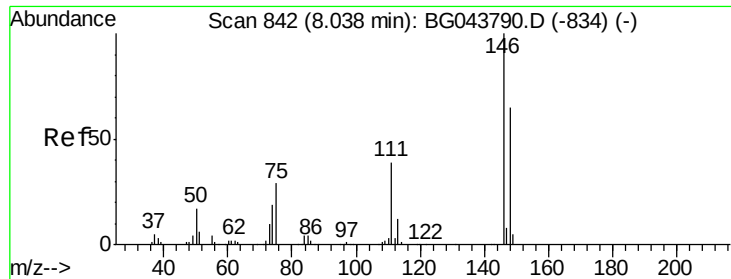
Tot Ion: 93 Resp: 532885
Ion Ratio Lower Upper
93 100
63 78.6 54.7 94.7
95 32.7 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 57.708 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion: 146 Resp: 594064
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
75 30.2 22.4 33.6

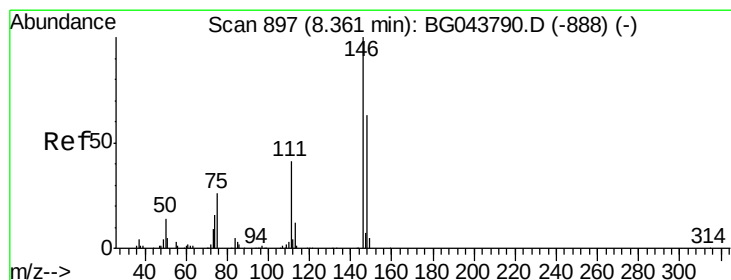
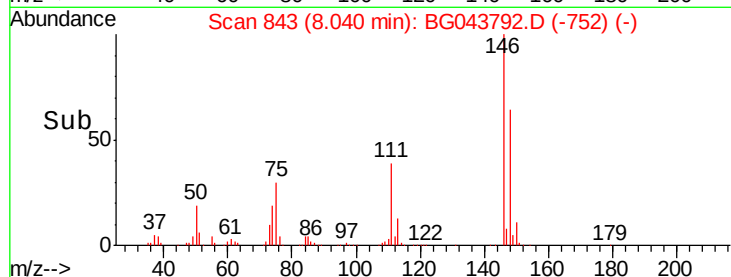
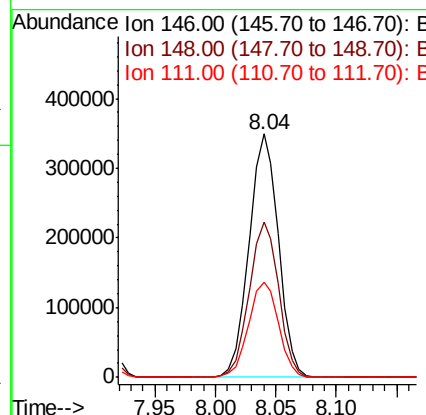
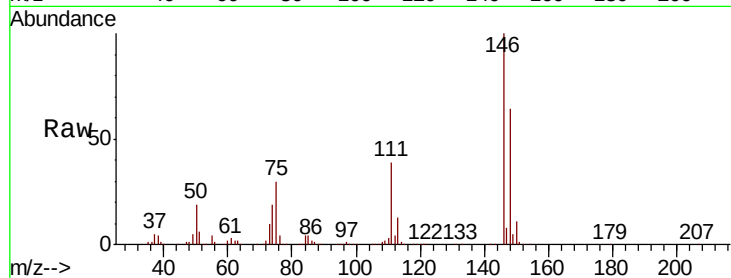




#13
 1,4-Dichlorobenzene
 Concen: 56.886 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG043792.D
 Acq: 9 Dec 2019 15:26

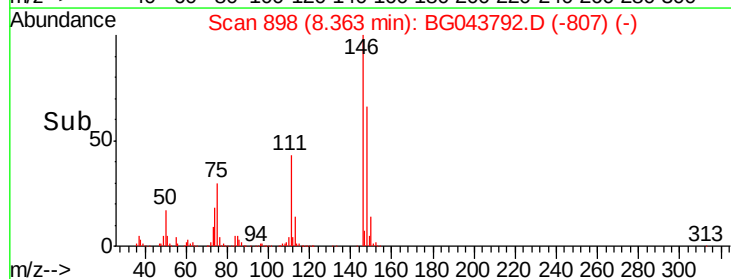
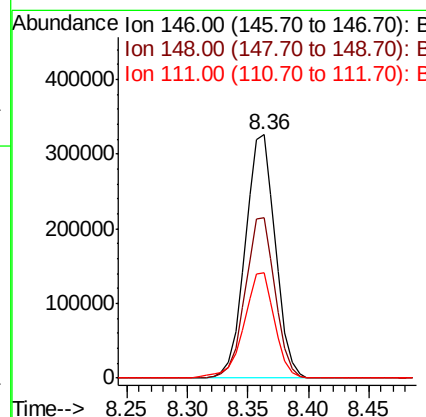
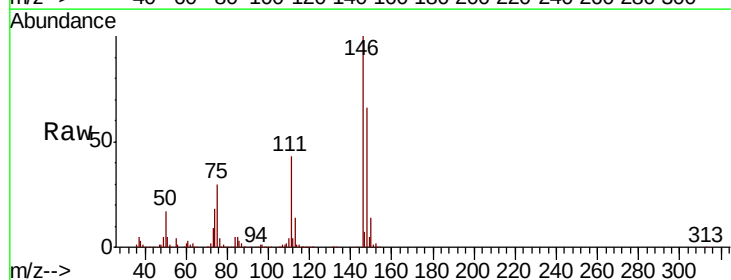
Instrument :
 BNA_G
 ClientSampleId :

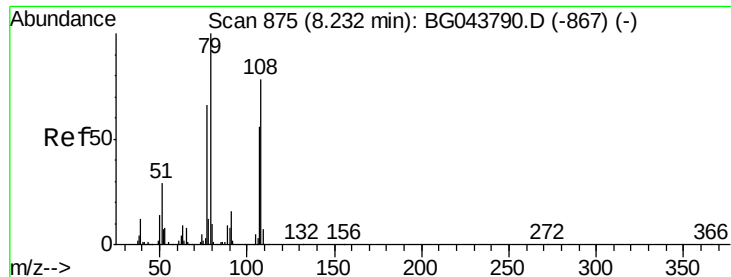
Tot Ion:146 Resp: 593140
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.8
 111 39.0 31.4 47.2



#14
 1,2-Dichlorobenzene
 Concen: 57.208 ng
 RT: 8.36 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BG043792.D
 Acq: 9 Dec 2019 15:26

Tgt Ion:146 Resp: 564403
 Ion Ratio Lower Upper
 146 100
 148 66.0 50.2 75.2
 111 43.2 33.4 50.2

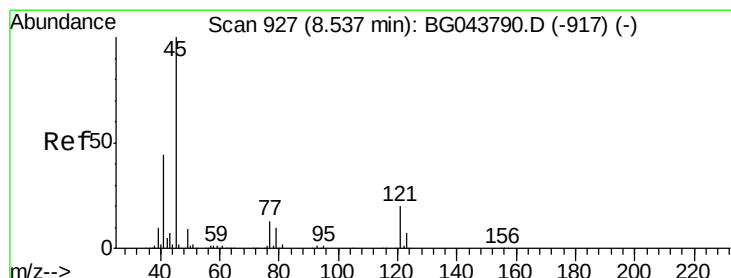
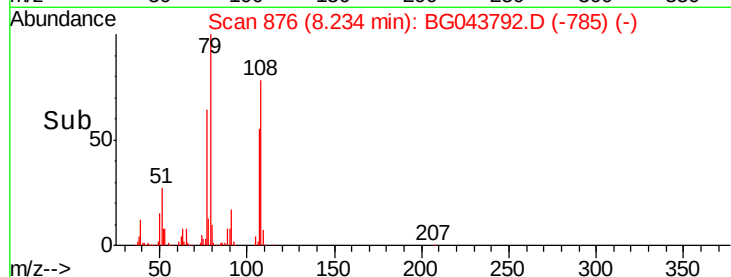
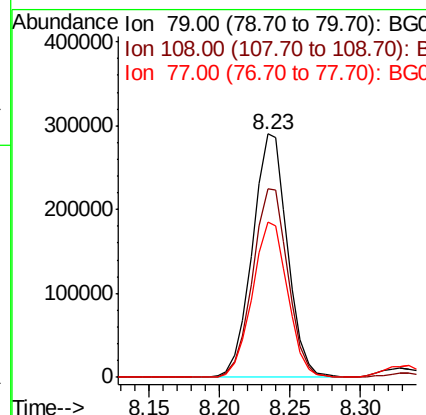
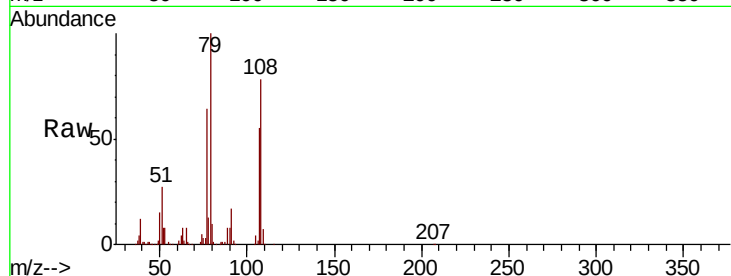




#15
Benzyl Alcohol
Concen: 54.038 ng
RT: 8.23 min Scan# 876
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

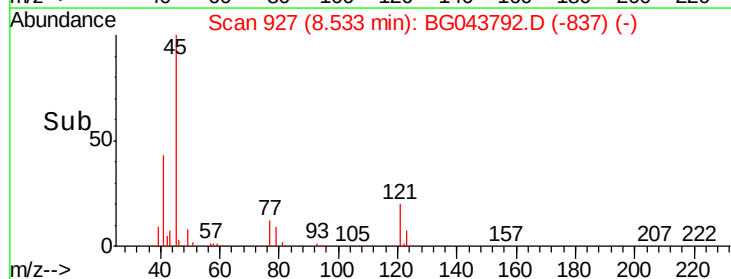
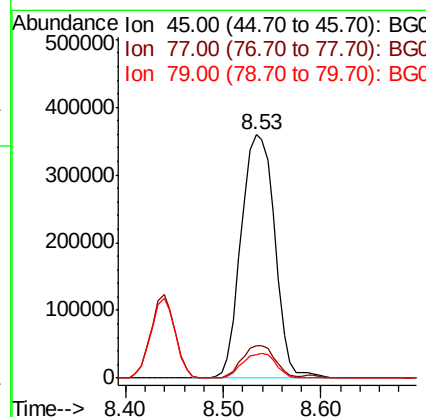
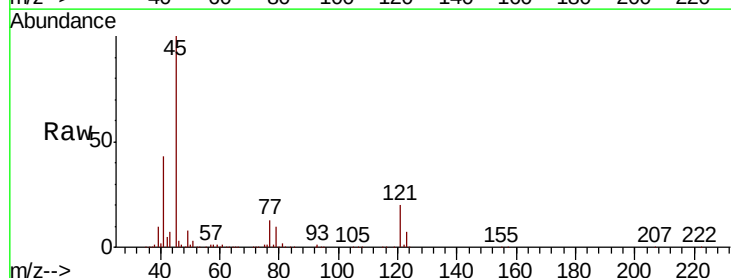
Instrument :
BNA_G
ClientSampleId :

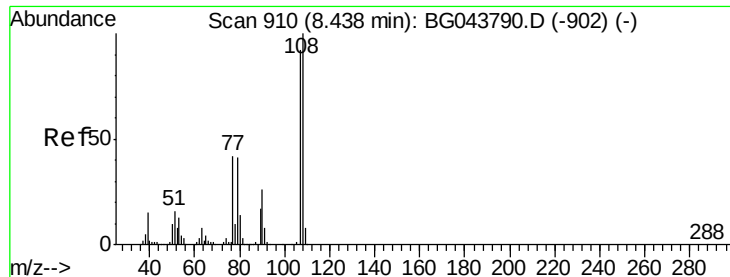
Tot Ion: 79 Resp: 503062
Ion Ratio Lower Upper
79 100
108 77.5 62.2 93.2
77 63.8 52.8 79.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.801 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion: 45 Resp: 867118
Ion Ratio Lower Upper
45 100
77 13.2 0.0 33.6
79 9.9 0.0 29.9

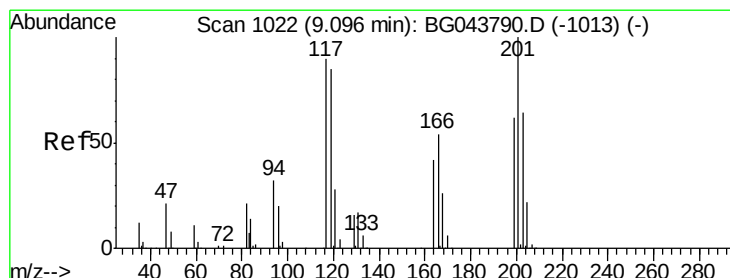
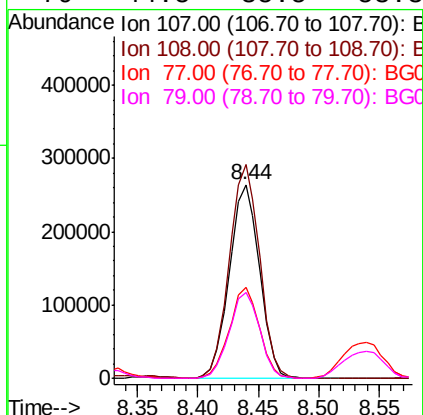
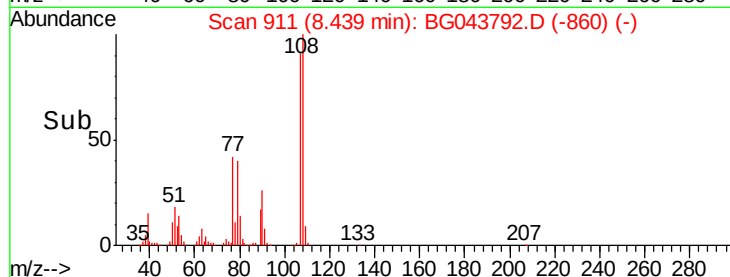
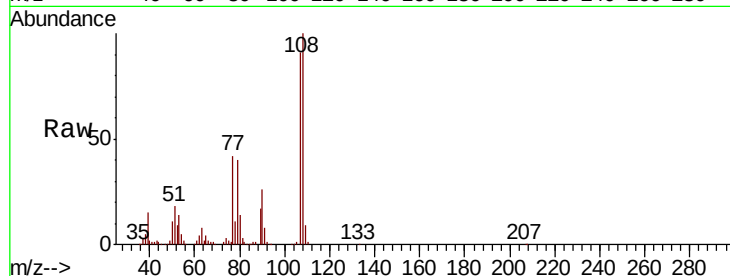




#17
2-Methylphenol
Concen: 56.096 ng
RT: 8.44 min Scan# 911
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

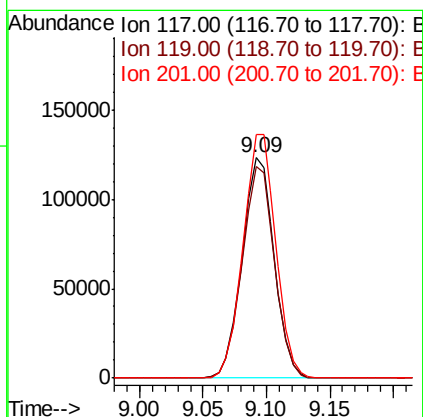
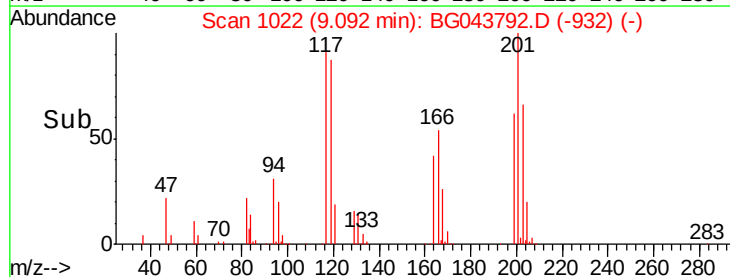
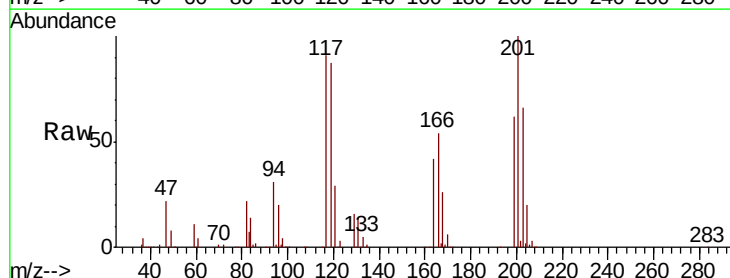
Instrument :
BNA_G
ClientSampleId :

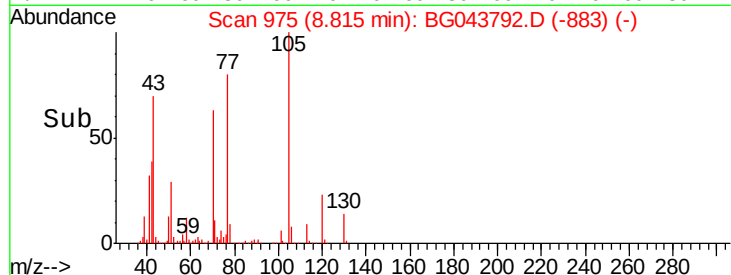
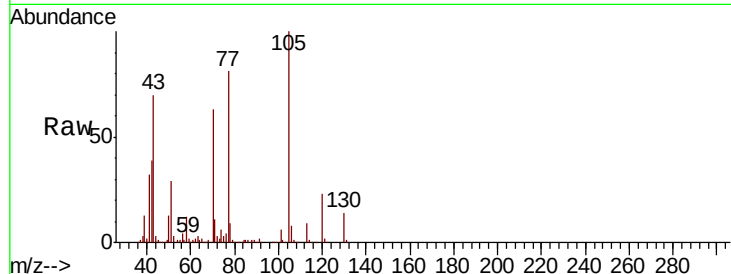
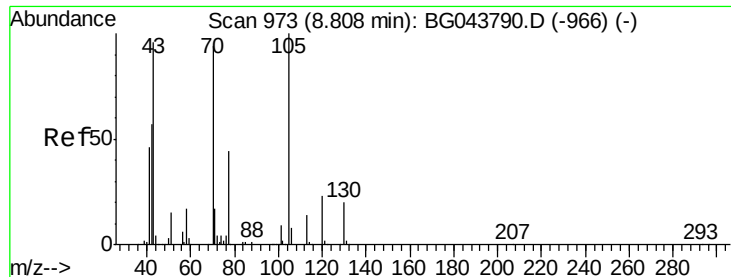
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.2	87.2	130.8
77	46.8	36.6	54.8
79	44.5	35.5	53.3



#18
Hexachloroethane
Concen: 55.091 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.6	113.4
201	110.5	88.6	133.0

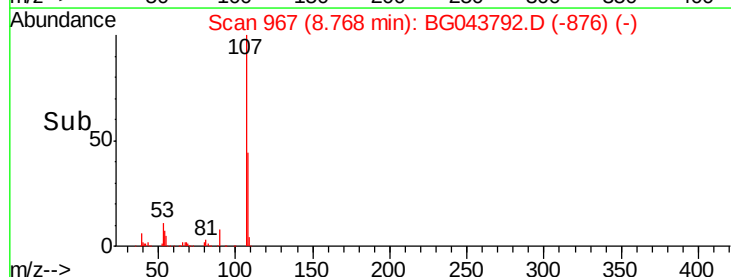
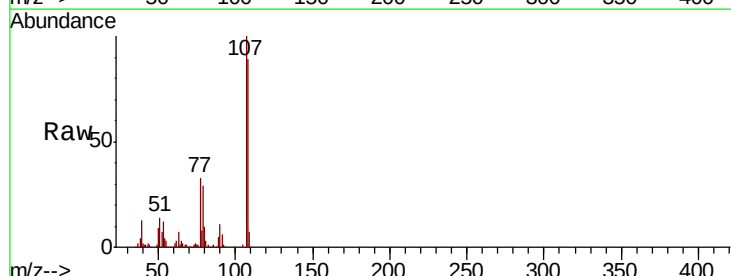
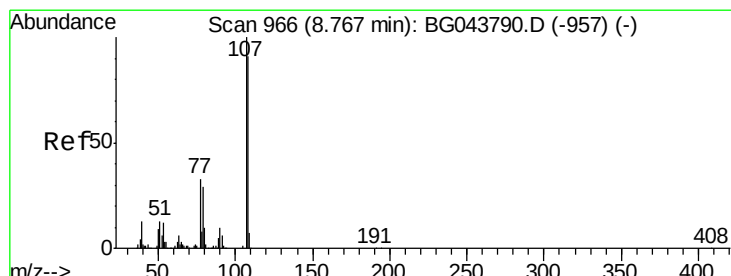
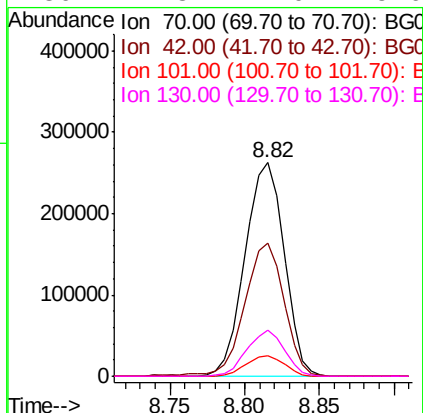




#19
n-Nitroso-di-n-propylamine
Concen: 54.368 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

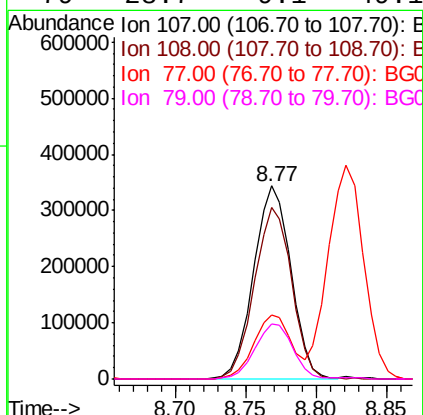
Instrument :
BNA_G
ClientSampleId :

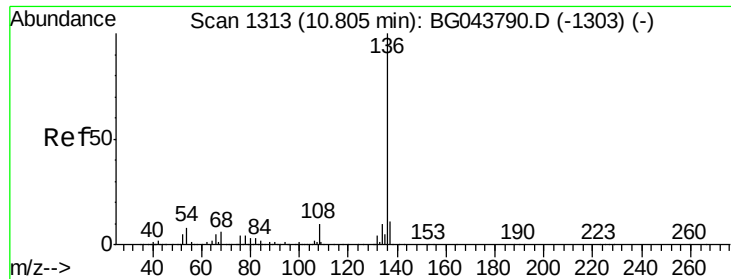
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.3	49.2	73.8	
101	9.8	7.8	11.6	
130	21.8	17.0	25.6	



#20
3+4-Methylphenols
Concen: 56.125 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.0	70.9	110.9	
77	33.1	12.7	52.7	
79	28.7	9.1	49.1	

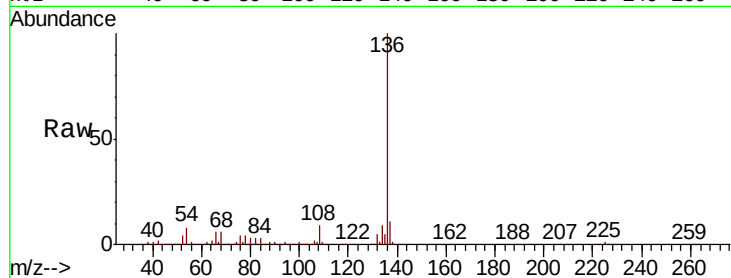




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	580680	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.7	13.1	
54 8.0	6.8	10.2	
68 6.4	5.0	7.4	



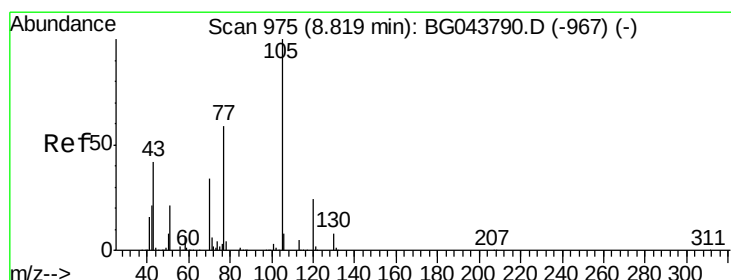
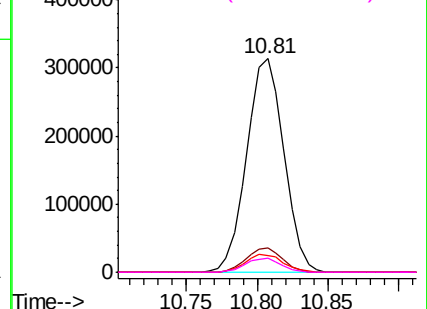
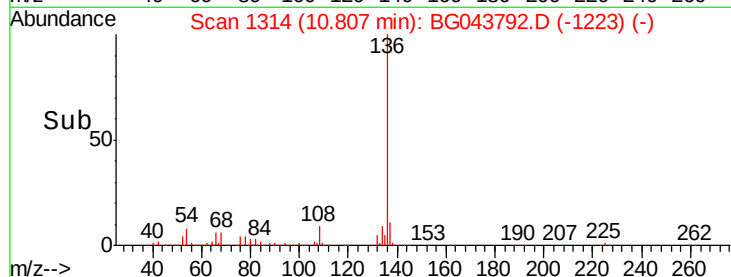
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

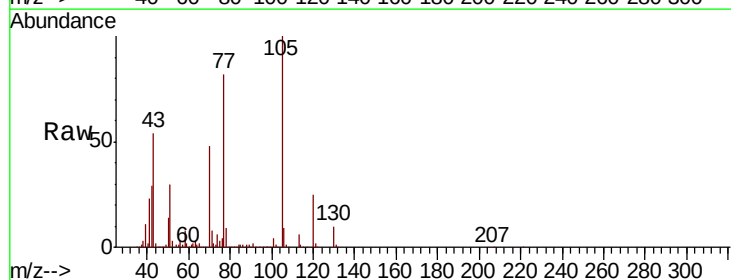
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 55.055 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt	Ion:105	Resp:	847326
Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.9	7.3#
51	30.0	22.2	33.4
120	24.7	19.0	28.6



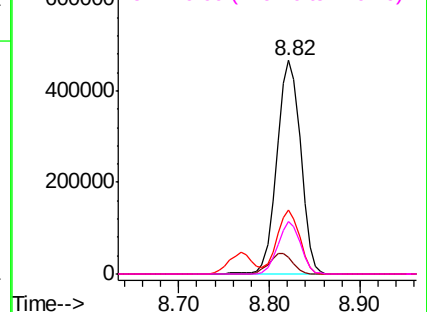
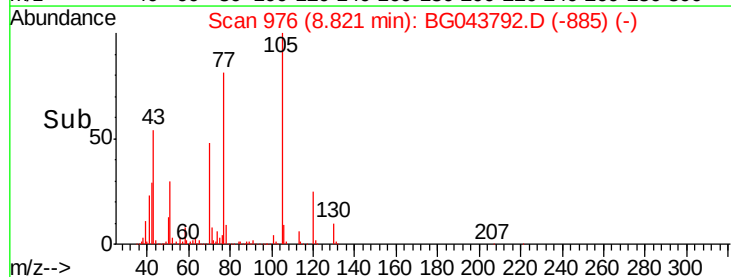
Abundance

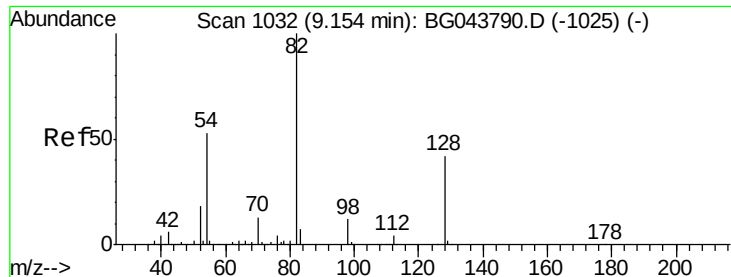
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

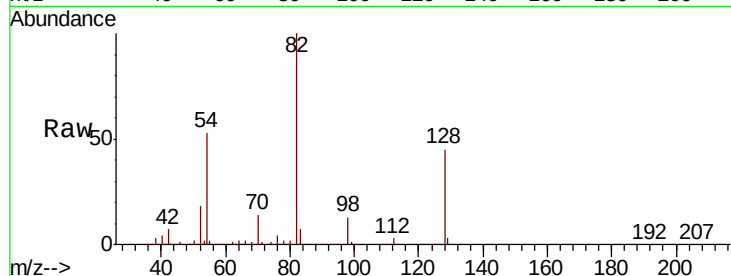




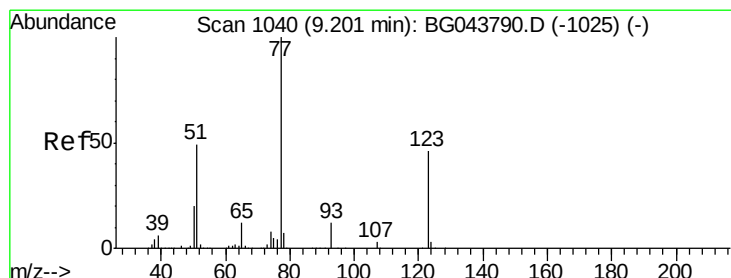
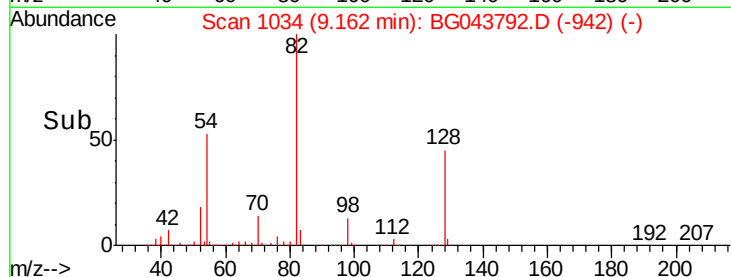
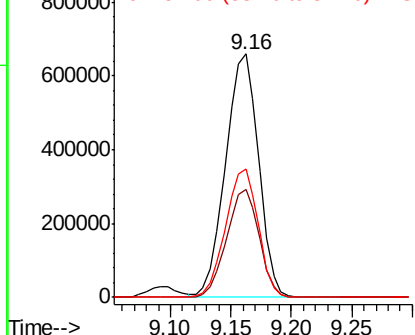
#23
Nitrobenzene-d5
Concen: 118.511 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 1251617
Ion Ratio Lower Upper
82 100
128 44.6 33.6 50.4
54 52.6 42.1 63.1

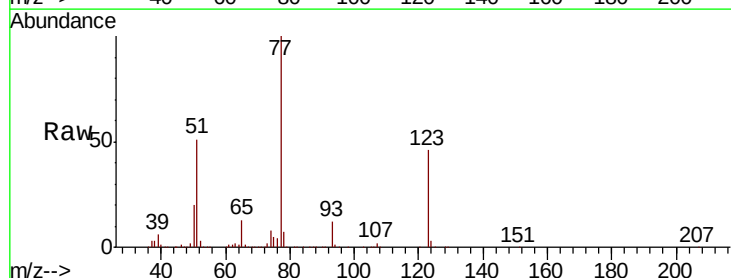


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

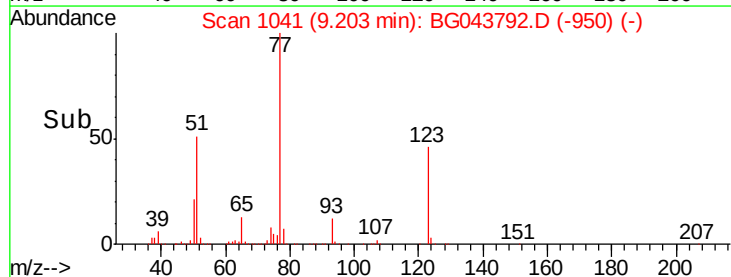
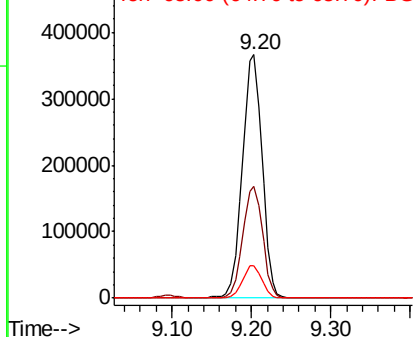


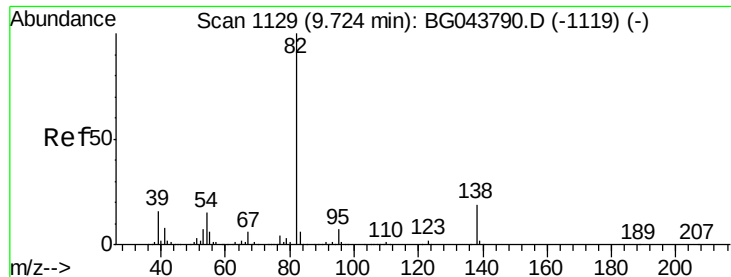
#24
Nitrobenzene
Concen: 58.255 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion: 77 Resp: 632407
Ion Ratio Lower Upper
77 100
123 46.1 36.6 55.0
65 13.3 9.8 14.6



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

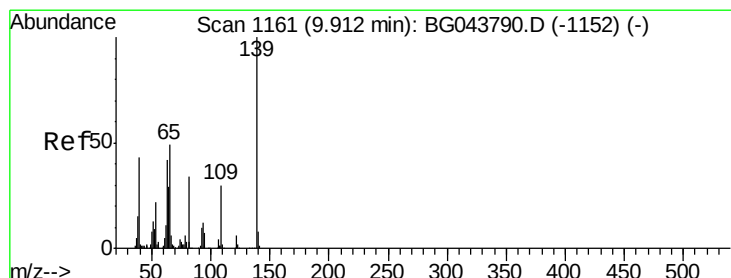
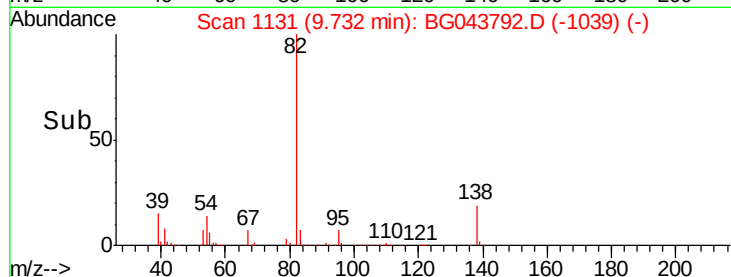
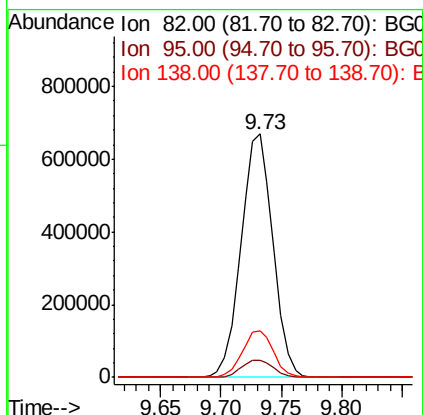
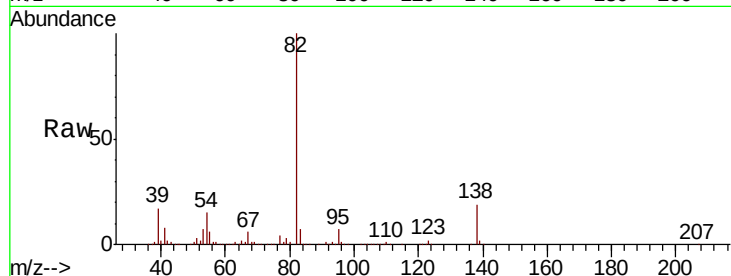




#25
Isophorone
Concen: 54.188 ng
RT: 9.73 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

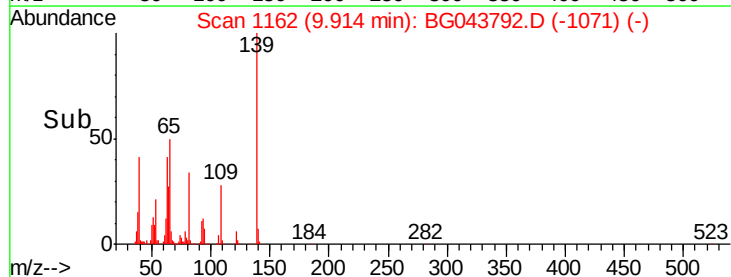
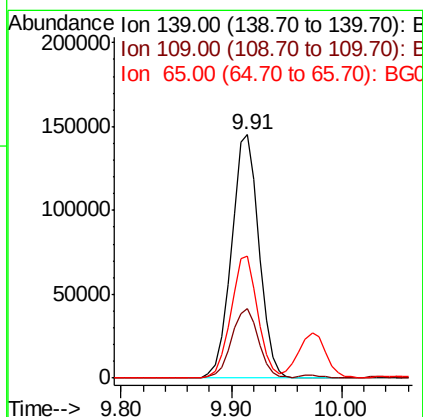
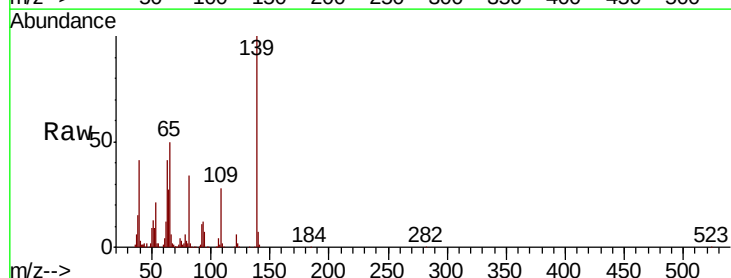
Instrument :
BNA_G
ClientSampleId :

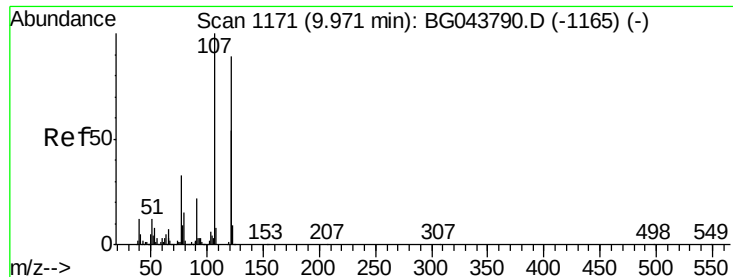
Tot Ion: 82 Resp: 1227124
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.0 14.8 22.2



#26
2-Nitrophenol
Concen: 64.633 ng
RT: 9.91 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion: 139 Resp: 253143
Ion Ratio Lower Upper
139 100
109 28.4 23.9 35.9
65 50.1 39.3 58.9





#27

2,4-Dimethylphenol

Concen: 57.672 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampleId :

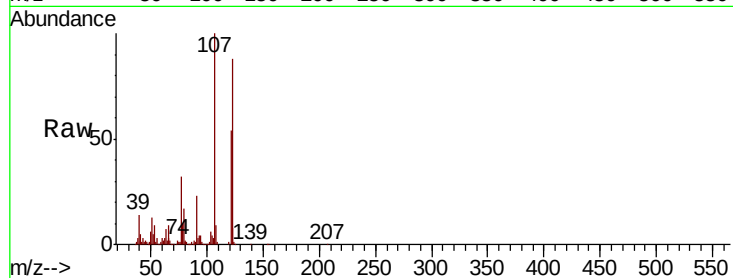
Tot Ion:122 Resp: 443531

Ion Ratio Lower Upper

122 100

107 113.3 90.0 135.0

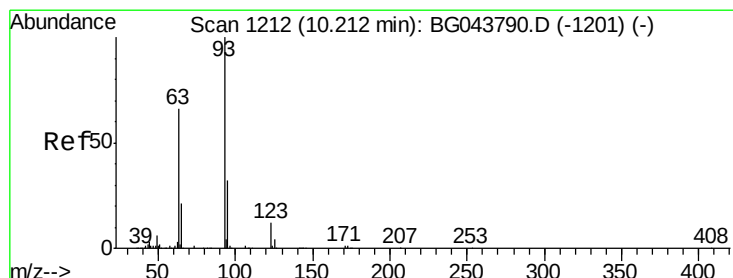
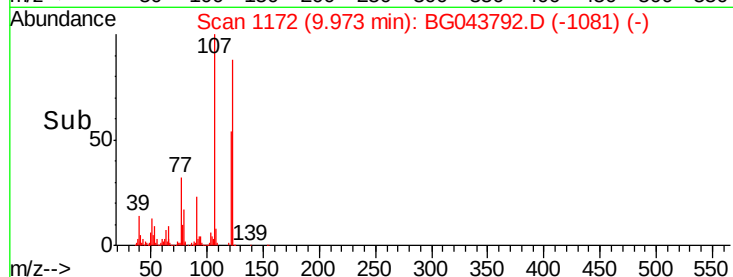
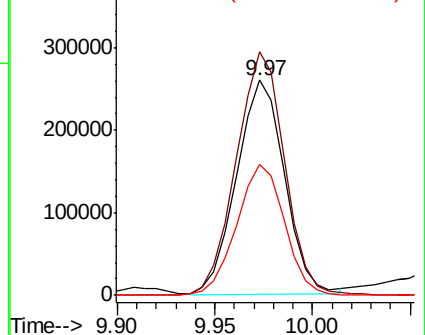
121 60.7 48.6 73.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 55.818 ng

RT: 10.21 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

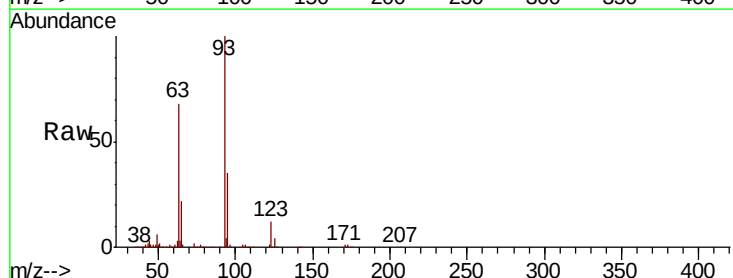
Tgt Ion: 93 Resp: 779073

Ion Ratio Lower Upper

93 100

95 34.5 25.7 38.5

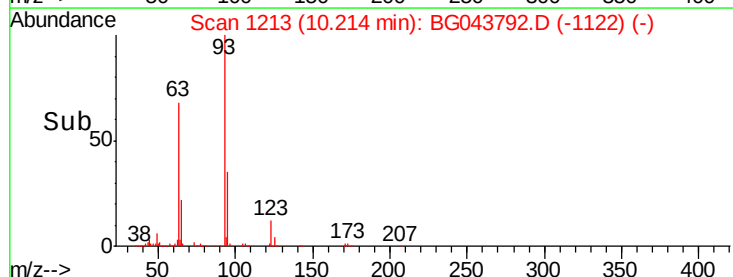
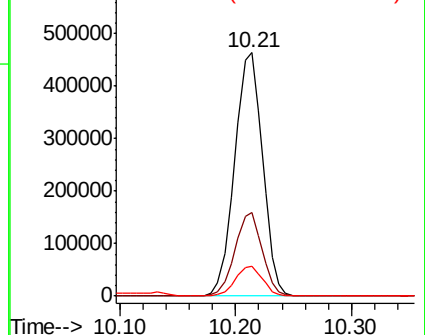
123 12.1 9.5 14.3

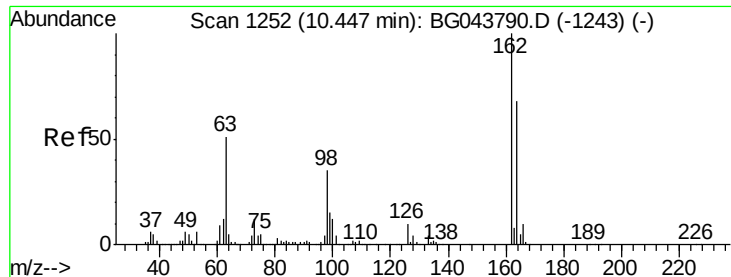


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 59.432 ng

RT: 10.45 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampleId :

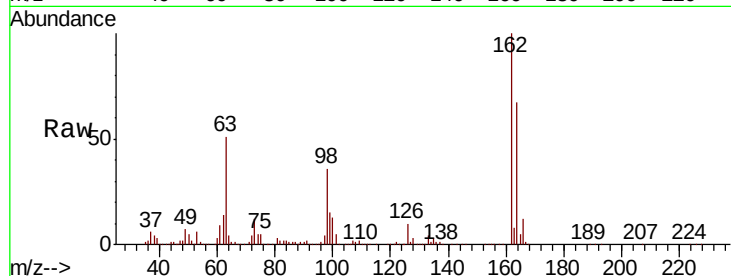
Tot Ion:162 Resp: 555651

Ion Ratio Lower Upper

162 100

164 66.6 48.0 88.0

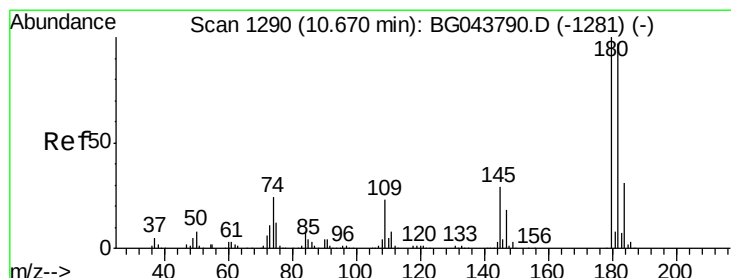
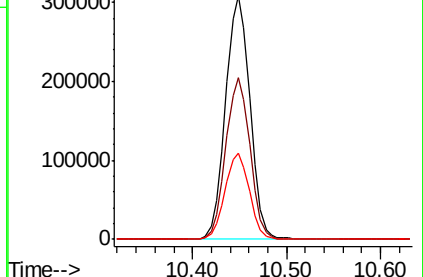
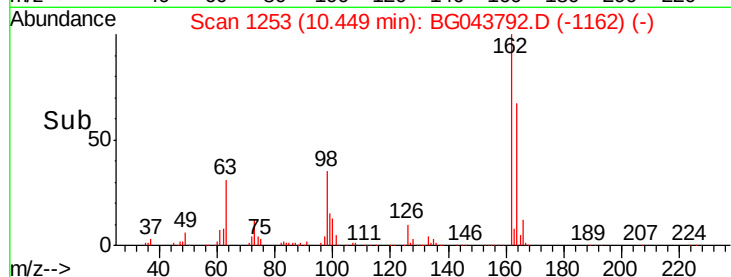
98 35.5 14.9 54.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 57.627 ng

RT: 10.67 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

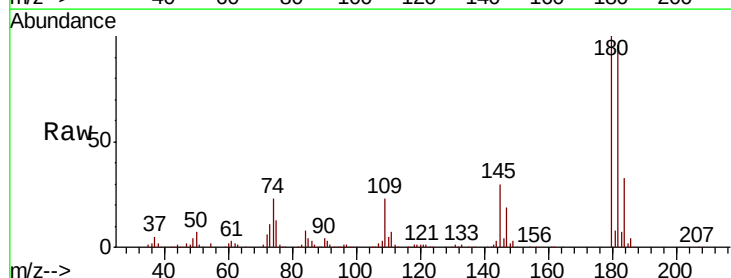
Tgt Ion:180 Resp: 631361

Ion Ratio Lower Upper

180 100

182 96.4 77.8 116.8

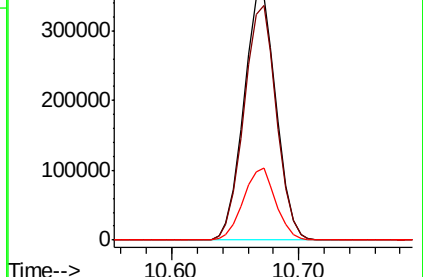
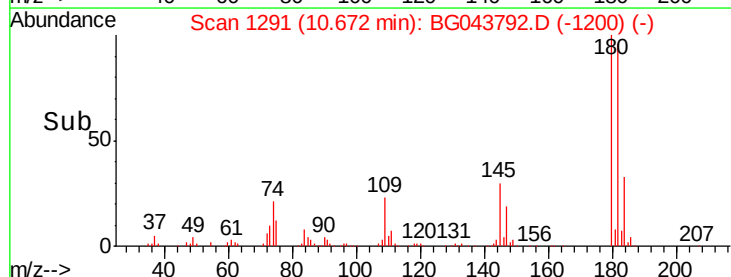
145 29.8 23.0 34.6

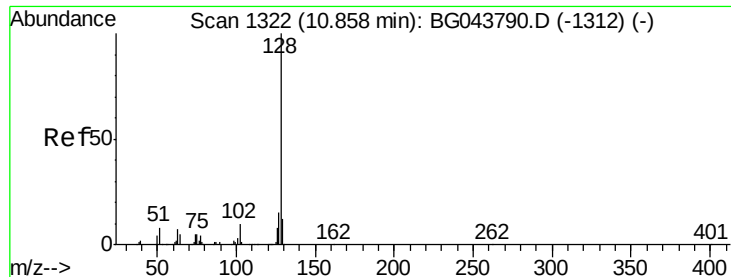


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

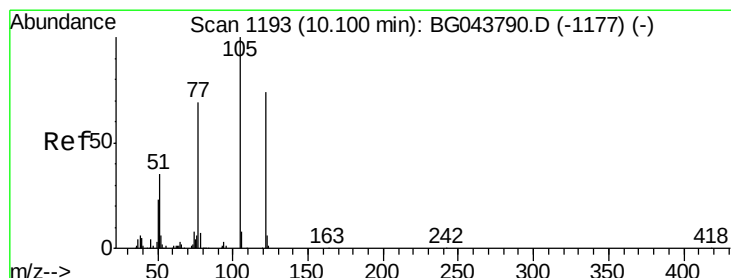
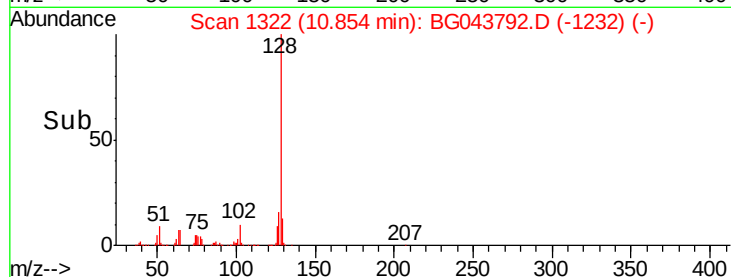
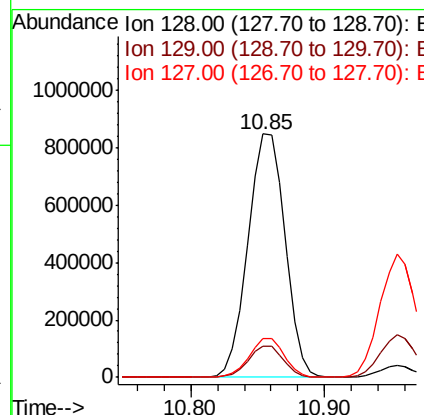
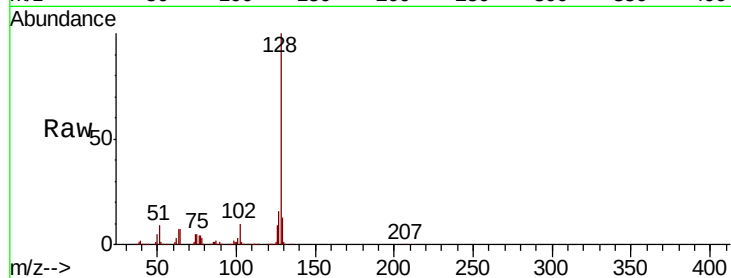




#31
Naphthalene
Concen: 56.436 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

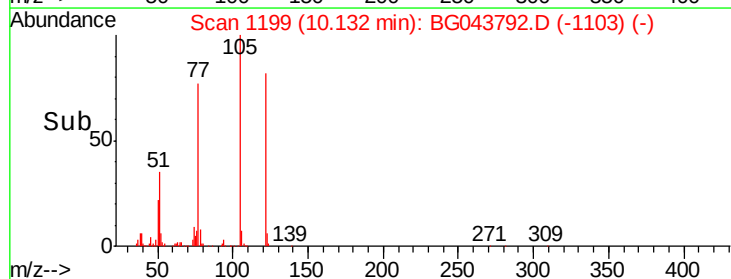
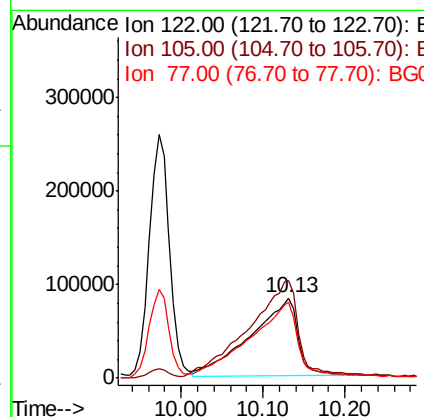
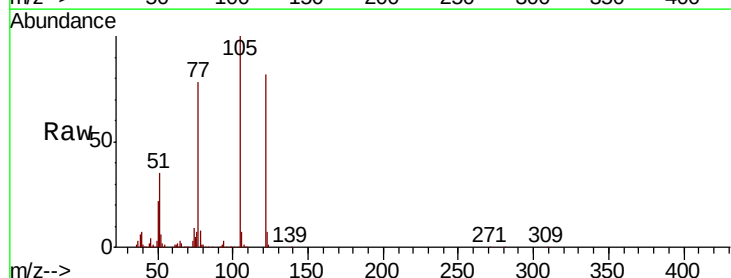
Instrument :
BNA_G
ClientSampled :

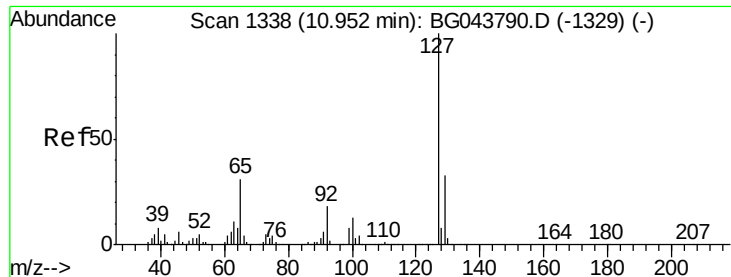
Tot Ion:128 Resp: 1625669
Ion Ratio Lower Upper
128 100
129 12.7 9.8 14.6
127 16.0 11.9 17.9



#32
Benzoic acid
Concen: 59.531 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.03 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion:122 Resp: 330157
Ion Ratio Lower Upper
122 100
105 122.3 107.5 147.5
77 94.9 71.7 111.7

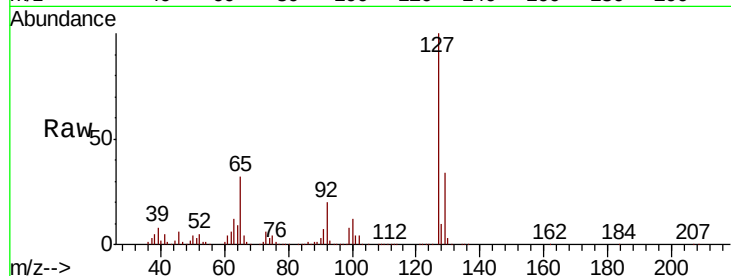




#33
4-Chloroaniline
Concen: 57.349 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	795889
Ion	Ratio	Lower	Upper
127	100		
129	34.3	26.1	39.1
65	32.2	24.4	36.6
92	19.6	14.6	22.0



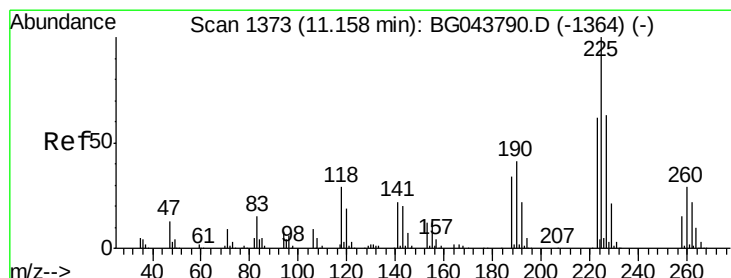
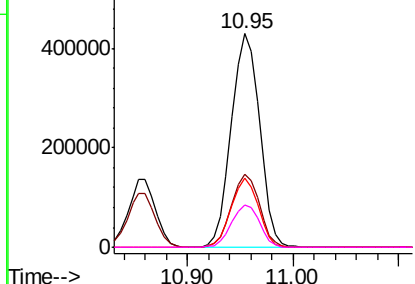
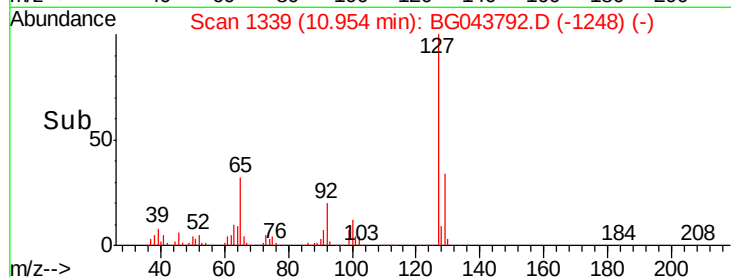
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

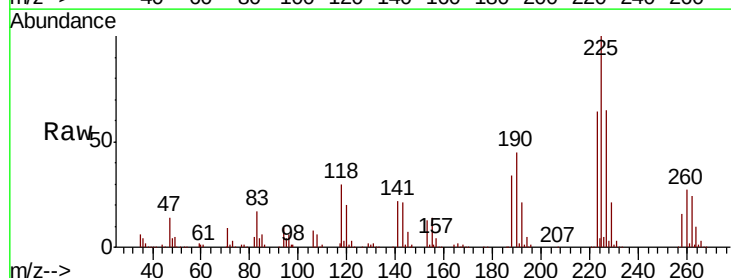
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 53.199 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion:	225	Resp:	383261
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.3	73.9
227	65.3	50.2	75.2

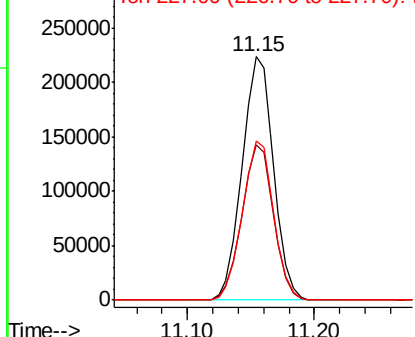
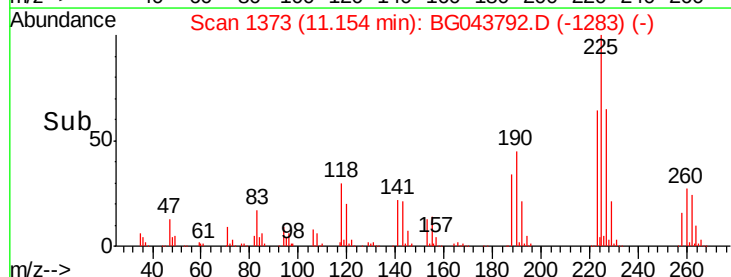


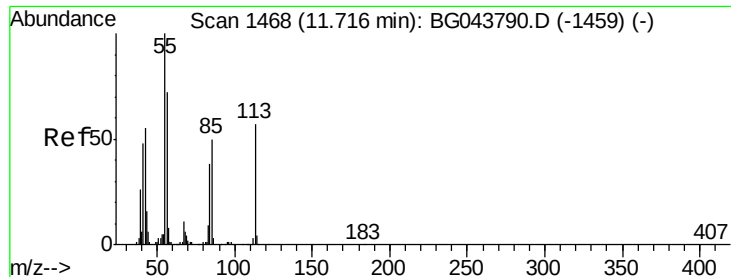
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 57.385 ng

RT: 11.74 min Scan# 1472

Delta R.T. 0.02 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampleId :

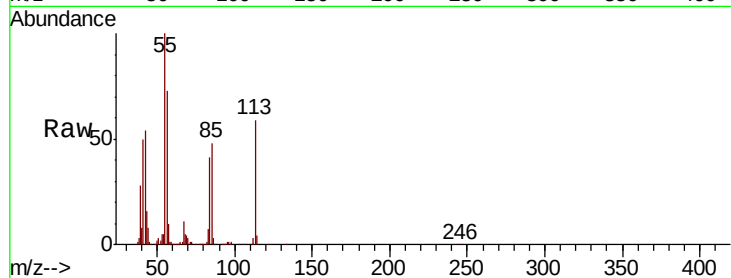
Tot Ion:113 Resp: 218158

Ion Ratio Lower Upper

113 100

55 170.4 154.2 194.2

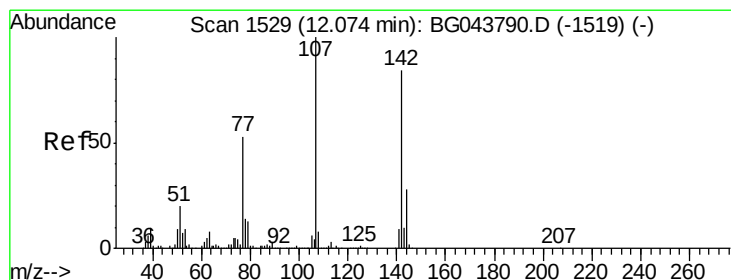
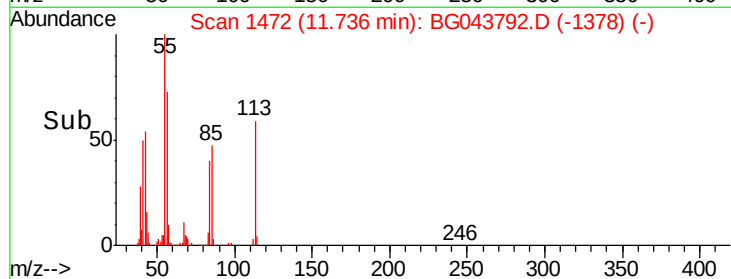
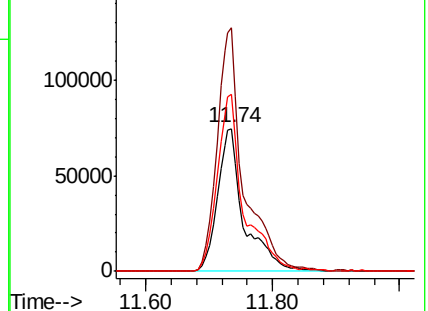
56 123.8 105.6 145.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG043790.D (-1459) (-)

Ion 56.00 (55.70 to 56.70): BG043790.D (-1459) (-)



#36

4-Chloro-3-methylphenol

Concen: 55.632 ng

RT: 12.08 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

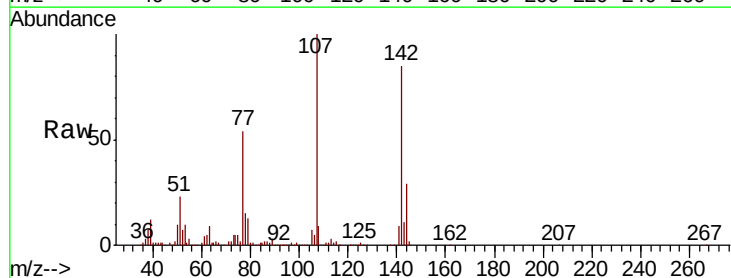
Tgt Ion:107 Resp: 584520

Ion Ratio Lower Upper

107 100

144 28.5 22.2 33.4

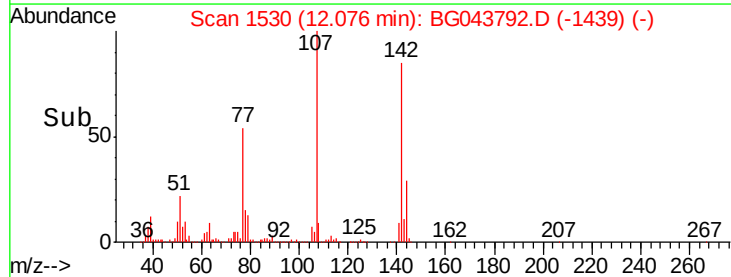
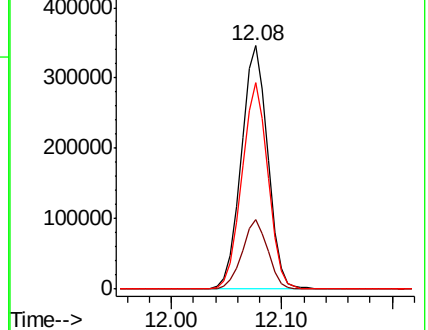
142 84.9 67.0 100.6

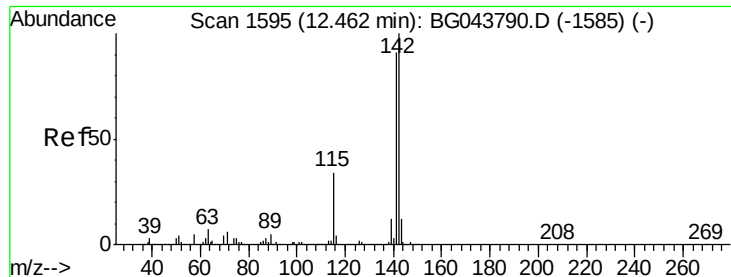


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

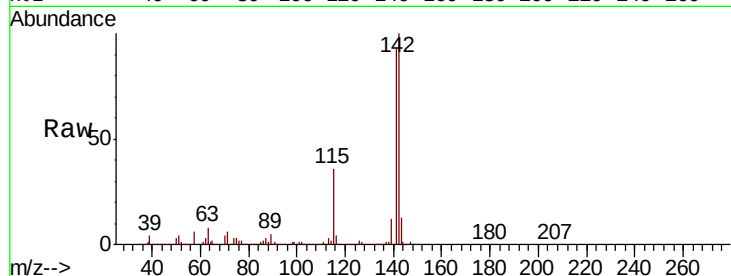




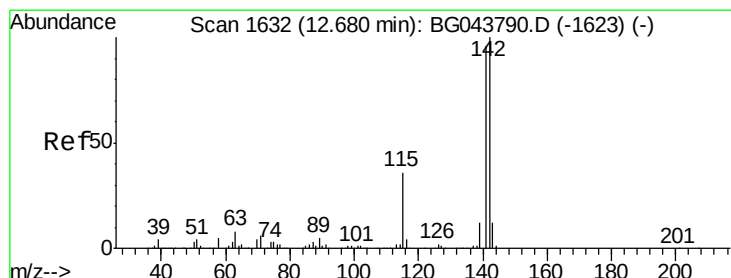
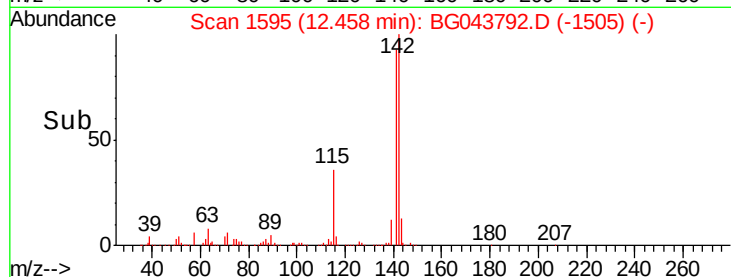
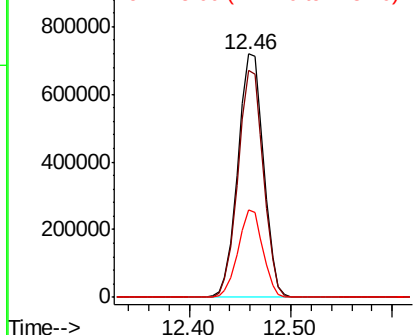
#37
2-Methylnaphthalene
Concen: 58.121 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:142 Resp: 1261644
Ion Ratio Lower Upper
142 100
141 93.3 73.2 109.8
115 35.8 27.3 40.9

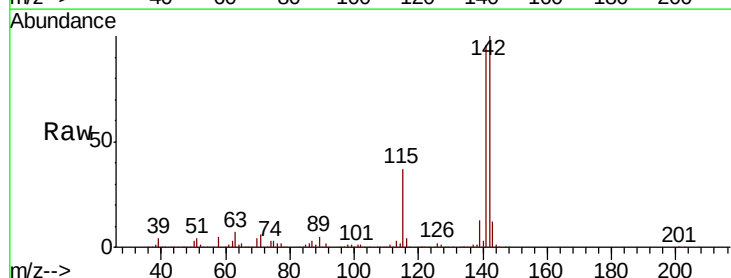


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

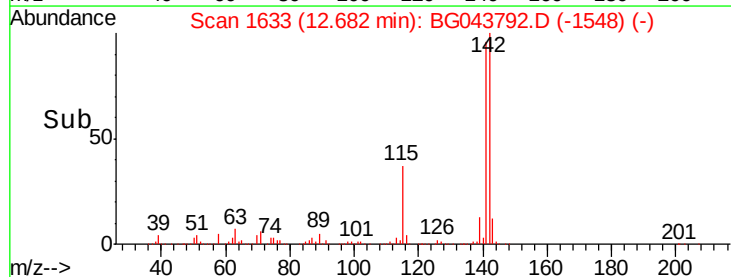
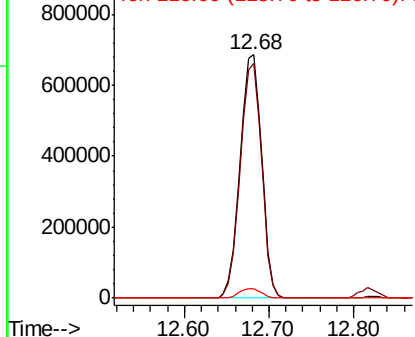


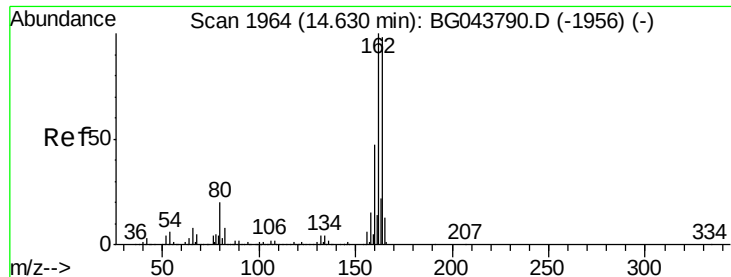
#38
1-Methylnaphthalene
Concen: 58.294 ng
RT: 12.68 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion:142 Resp: 1200955
Ion Ratio Lower Upper
142 100
141 96.2 76.9 115.3
116 4.0 3.2 4.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampleId :

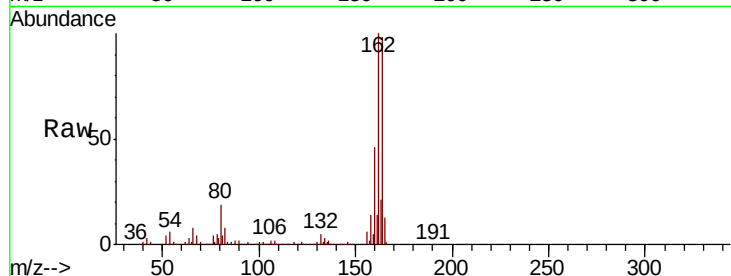
Tot Ion:164 Resp: 402162

Ion Ratio Lower Upper

164 100

162 101.8 81.9 122.9

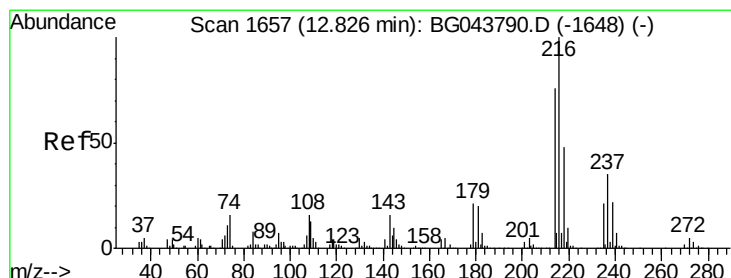
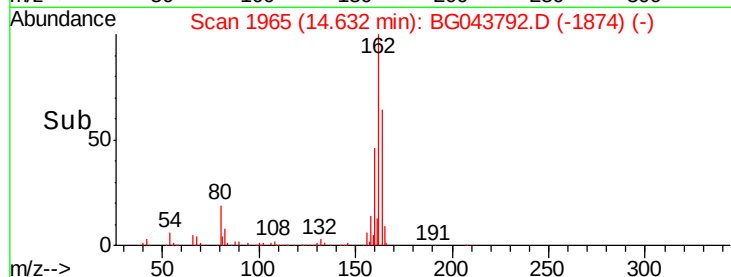
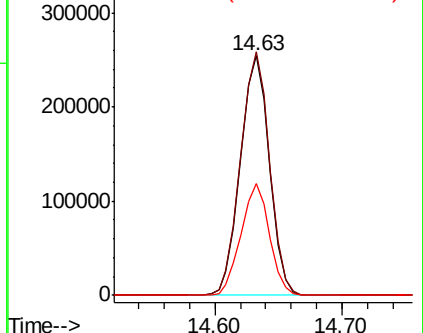
160 46.8 38.3 57.5



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: 55.753 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Tgt Ion:216 Resp: 713457

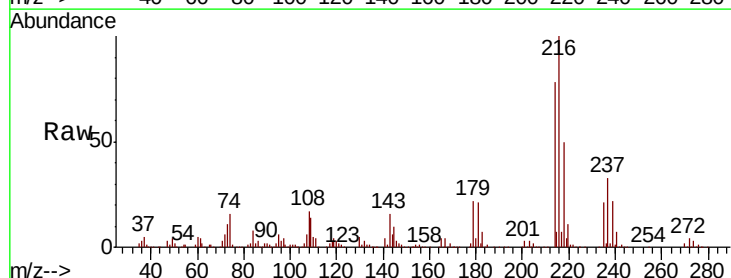
Ion Ratio Lower Upper

216 100

214 78.0 62.2 93.4

179 21.3 16.6 25.0

108 17.1 13.7 20.5

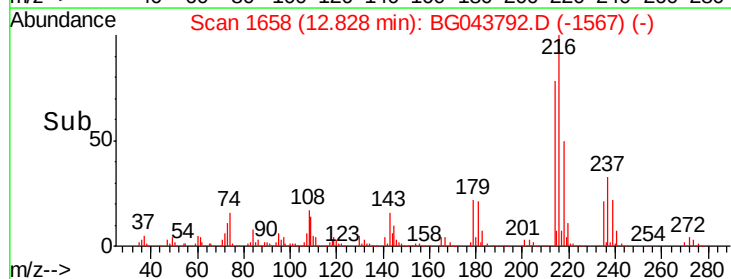
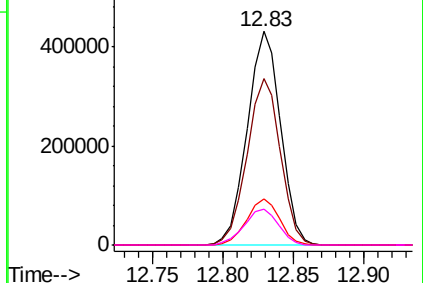


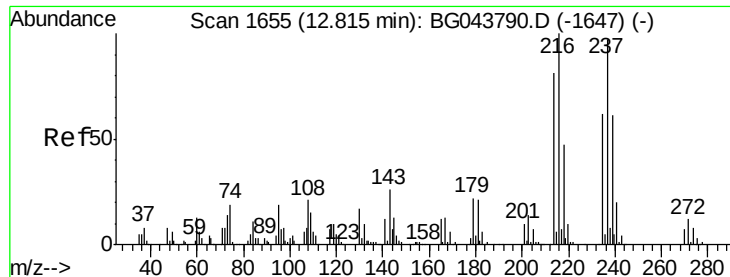
Abundance Ion 216.00 (215.70 to 216.70): E

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: 50.802 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampleId :

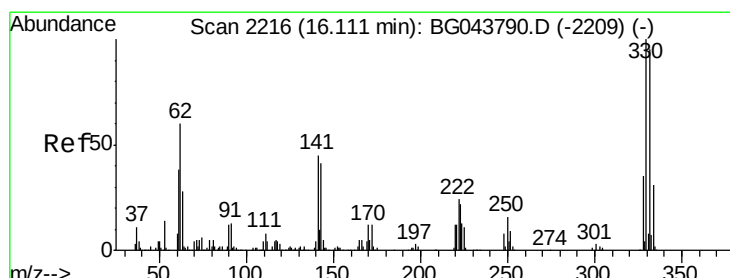
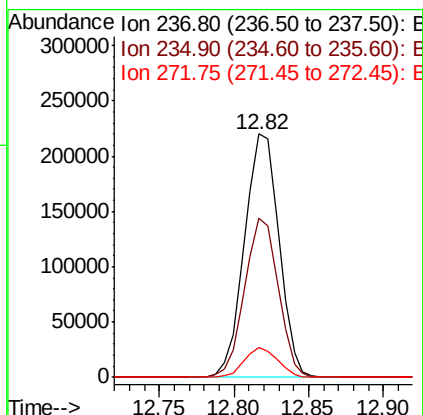
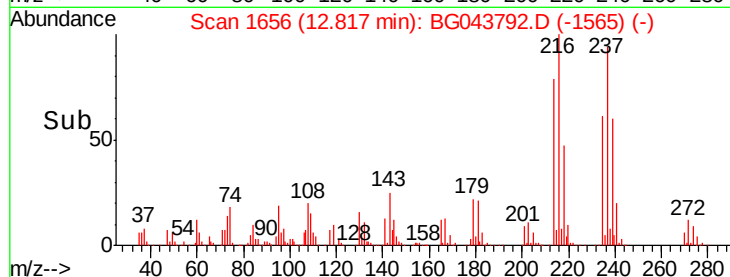
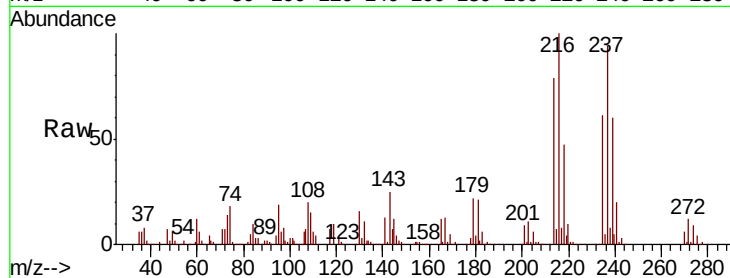
Tot Ion:237 Resp: 351236

Ion Ratio Lower Upper

237 100

235 65.3 43.9 83.9

272 12.5 0.0 32.0



#42

2,4,6-Tribromophenol

Concen: 98.032 ng

RT: 16.12 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

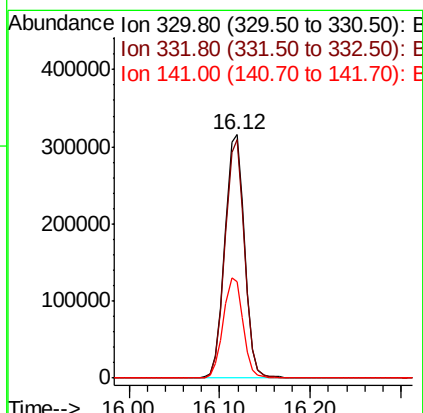
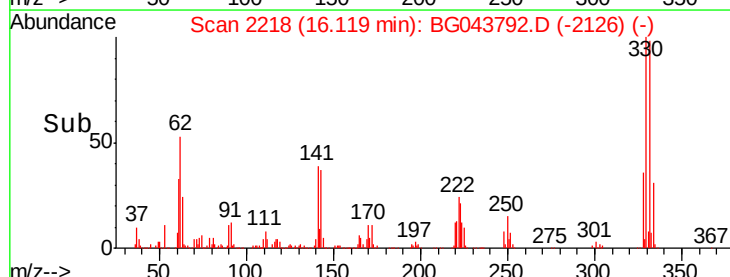
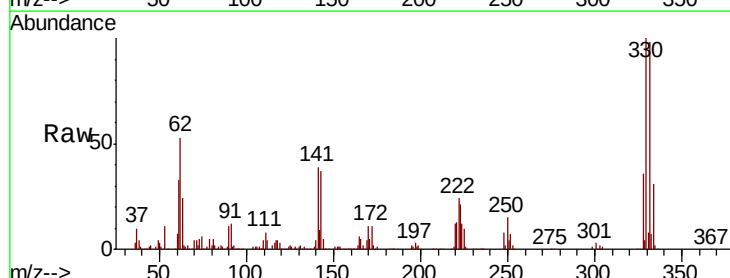
Tgt Ion:330 Resp: 475522

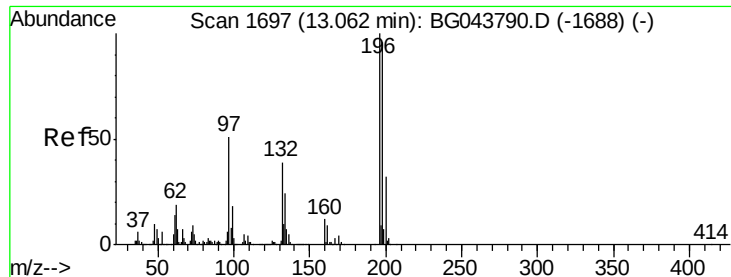
Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

141 41.2 33.8 50.8





#43

2,4,6-Trichlorophenol

Concen: 57.654 ng

RT: 13.06 min Scan# 1698

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampleId :

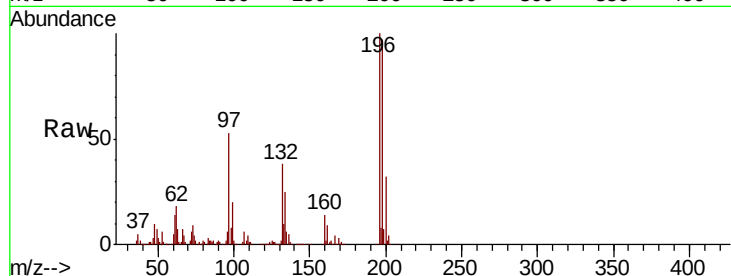
Tot Ion:196 Resp: 474501

Ion Ratio Lower Upper

196 100

198 97.2 77.0 115.6

200 31.9 25.7 38.5

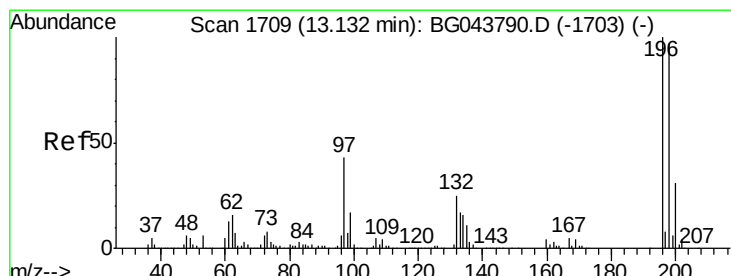
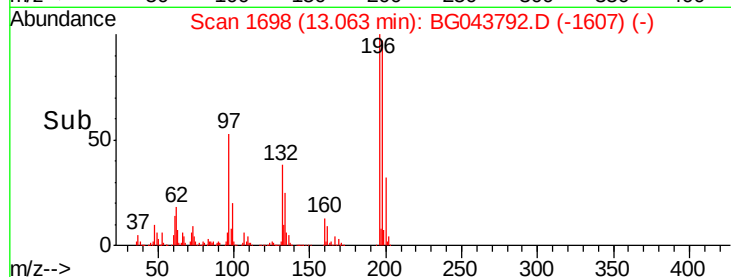
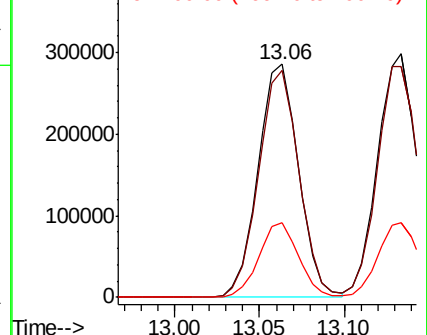


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 57.022 ng

RT: 13.13 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Tgt Ion:196 Resp: 488226

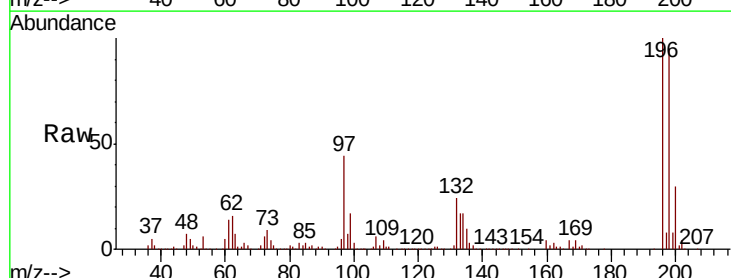
Ion Ratio Lower Upper

196 100

198 94.9 77.4 116.0

97 44.3 34.7 52.1

132 24.3 20.0 30.0



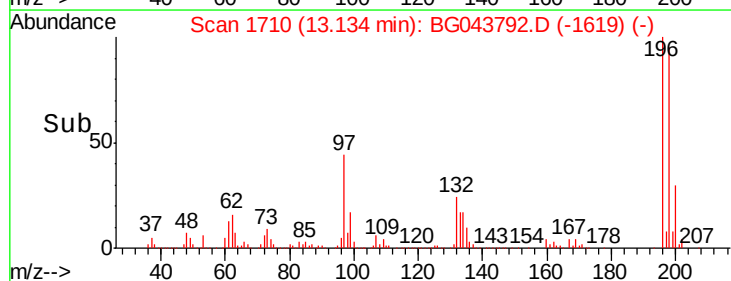
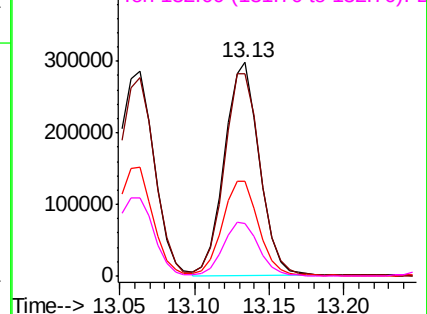
Abundance

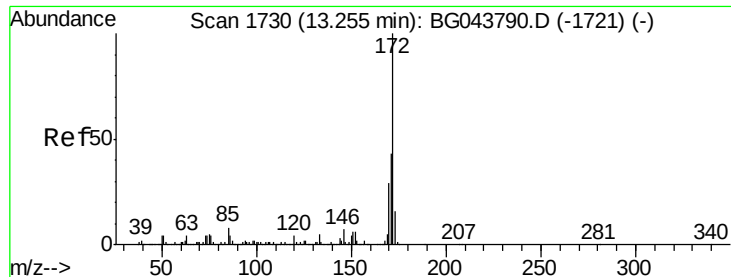
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

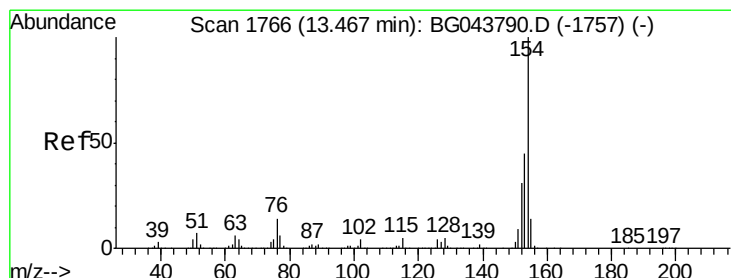
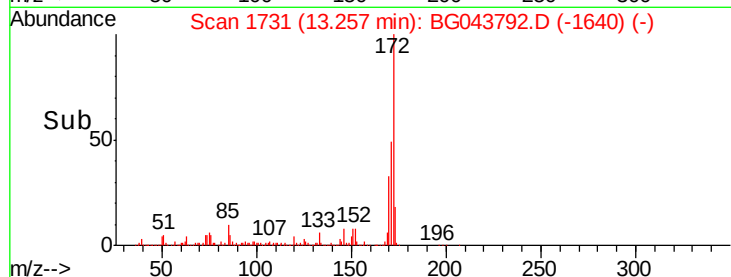
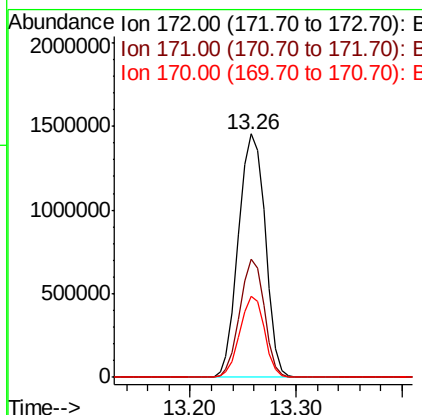
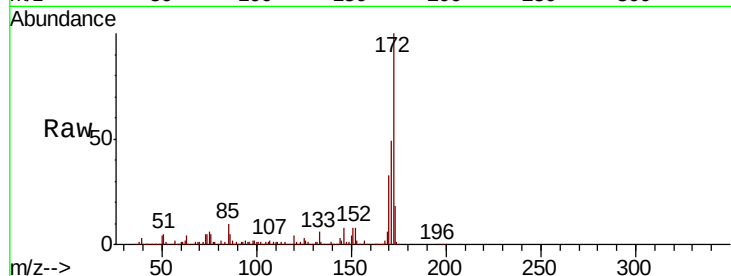




#45
2-Fluorobiphenyl
Concen: 104.192 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

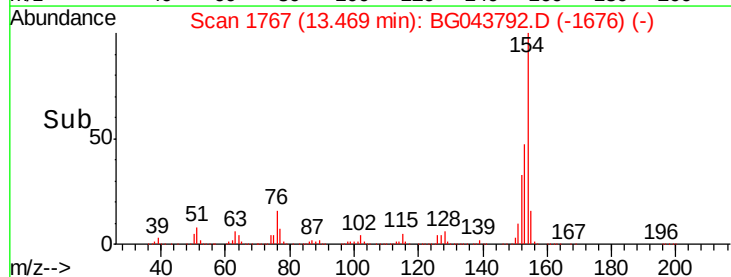
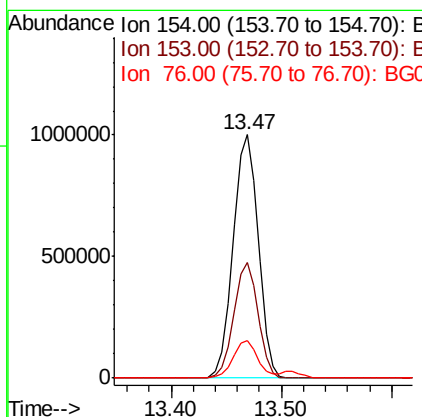
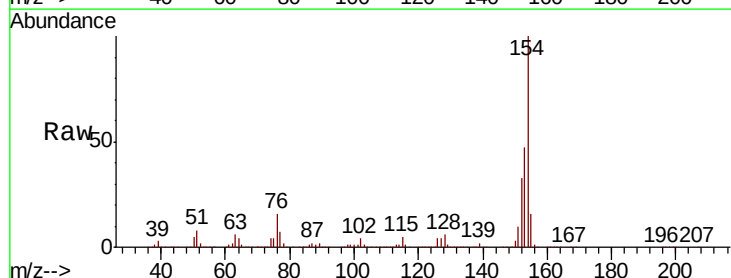
Instrument :
BNA_G
ClientSampleId :

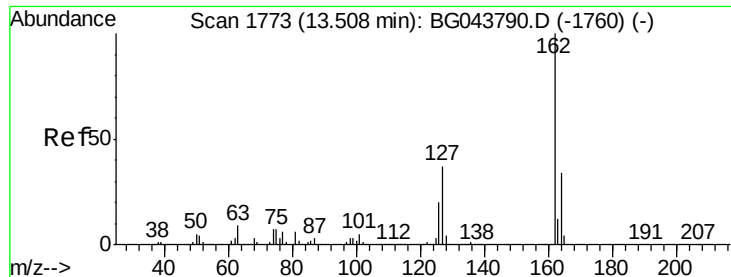
Tot Ion:172 Resp: 2549103
Ion Ratio Lower Upper
172 100
171 48.8 34.6 51.8
170 33.4 23.3 34.9



#46
1,1'-Biphenyl
Concen: 57.349 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion:154 Resp: 1598685
Ion Ratio Lower Upper
154 100
153 47.5 24.5 64.5
76 15.7 0.0 33.9

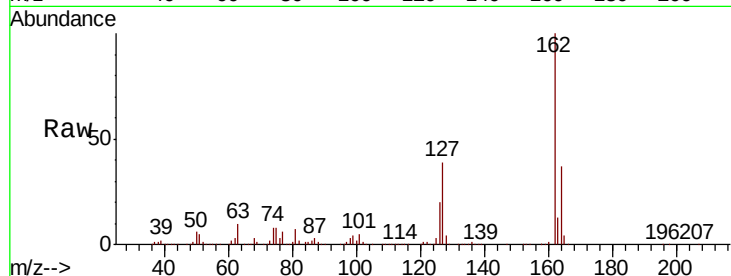




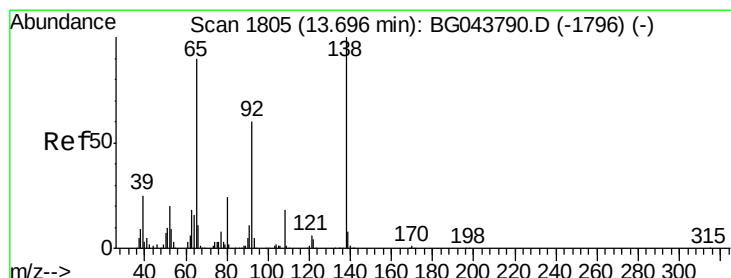
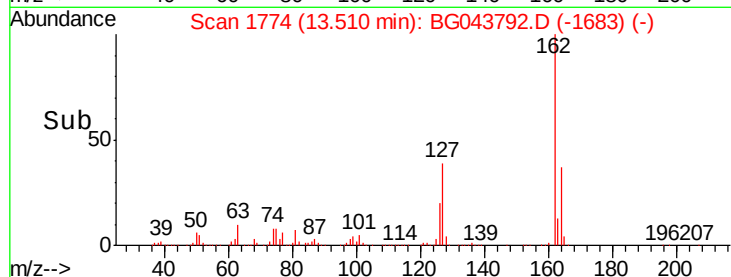
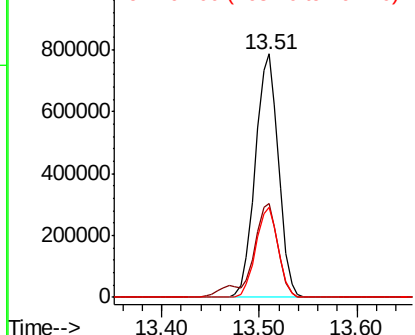
#47
2-Chloronaphthalene
Concen: 57.862 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:162 Resp: 1315397
Ion Ratio Lower Upper
162 100
127 38.5 30.0 45.0
164 36.9 27.6 41.4

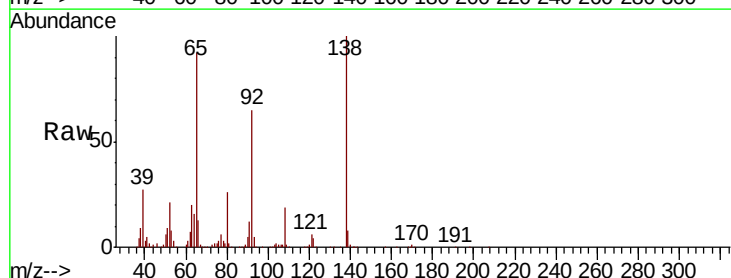


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

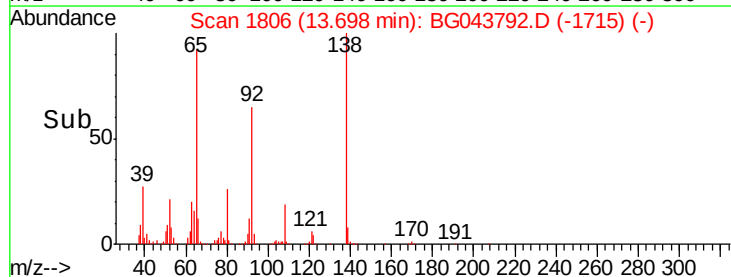
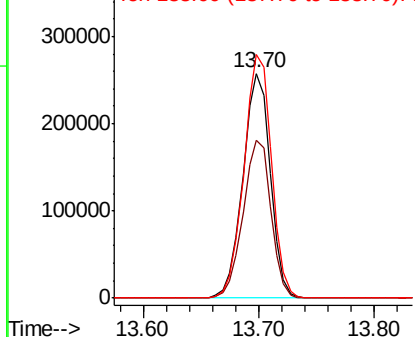


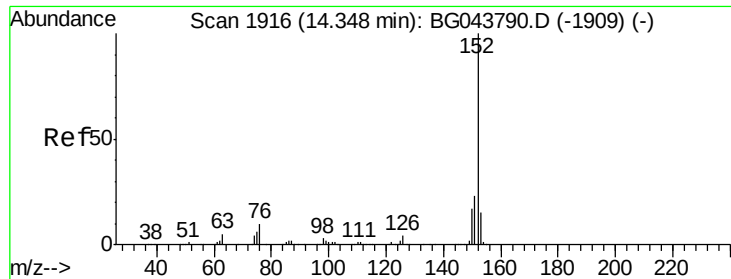
#48
2-Nitroaniline
Concen: 63.582 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion: 65 Resp: 423165
Ion Ratio Lower Upper
65 100
92 70.6 53.7 80.5
138 108.5 88.8 133.2



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: 53.917 ng

RT: 14.36 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampled :

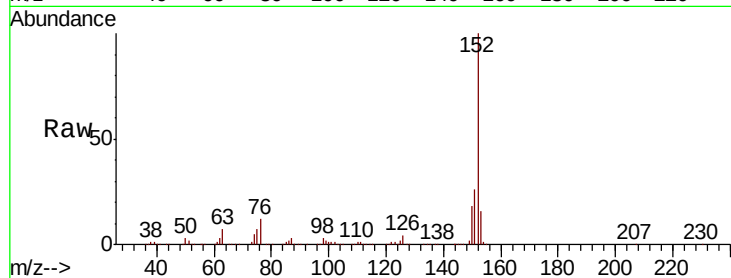
Tot Ion:152 Resp: 1928410

Ion Ratio Lower Upper

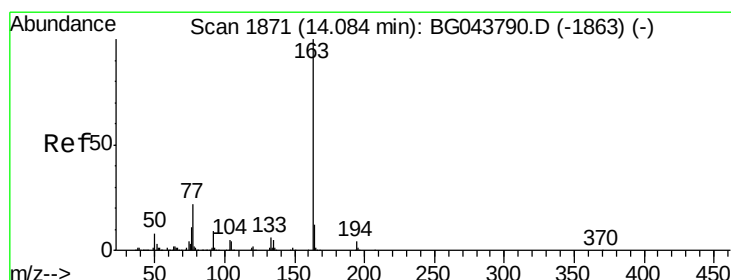
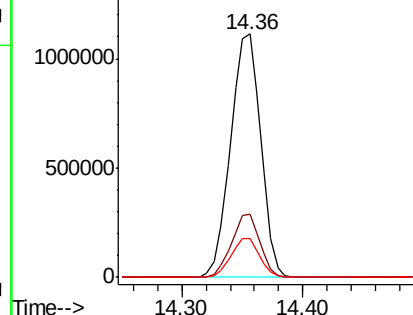
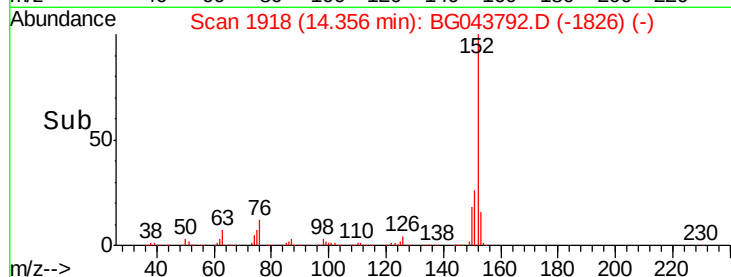
152 100

151 25.7 18.5 27.7

153 16.1 11.8 17.8



Abundance Ion 152.00 (151.70 to 152.70): E
1500000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 51.898 ng

RT: 14.09 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

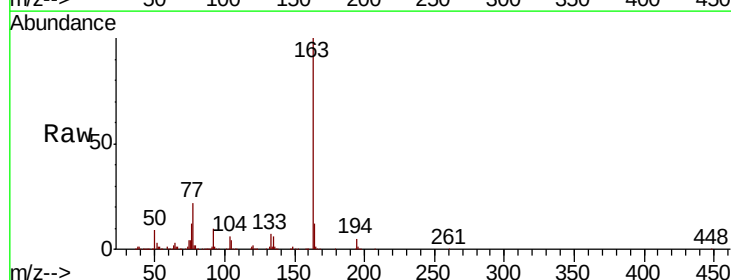
Tgt Ion:163 Resp: 1653353

Ion Ratio Lower Upper

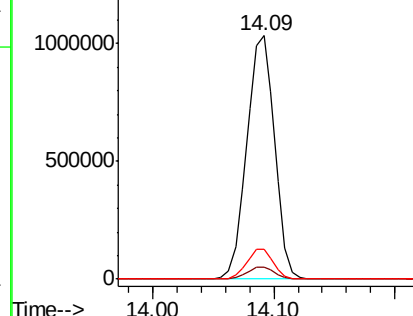
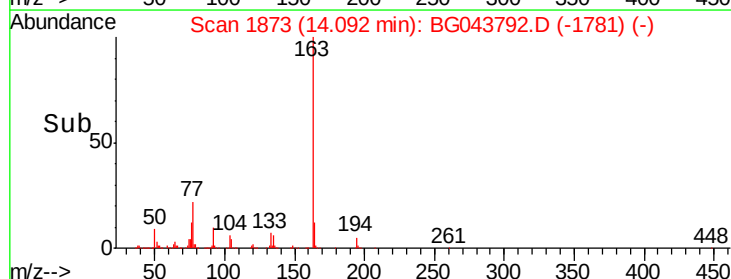
163 100

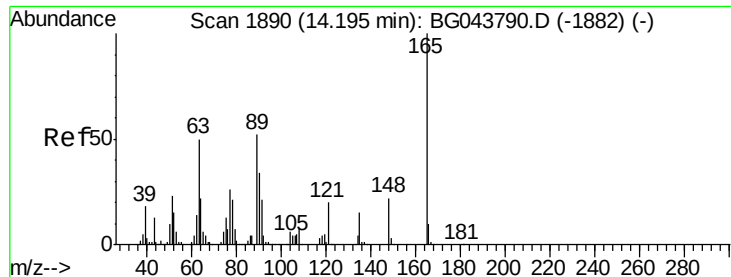
194 4.9 3.6 5.4

164 12.5 9.4 14.0



Abundance Ion 163.00 (162.70 to 163.70): E
1000000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

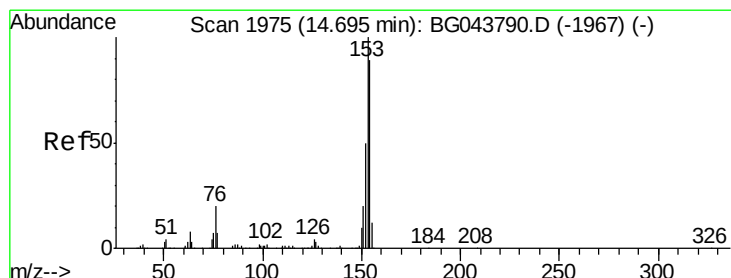
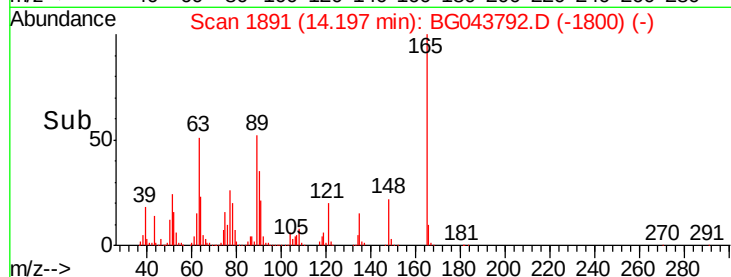
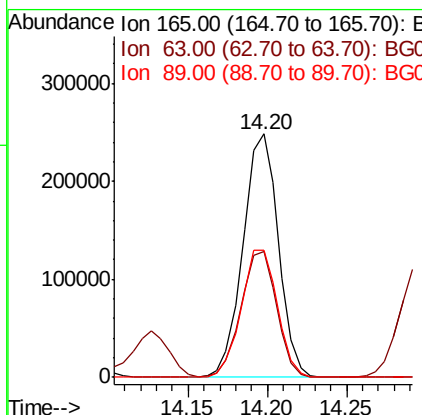
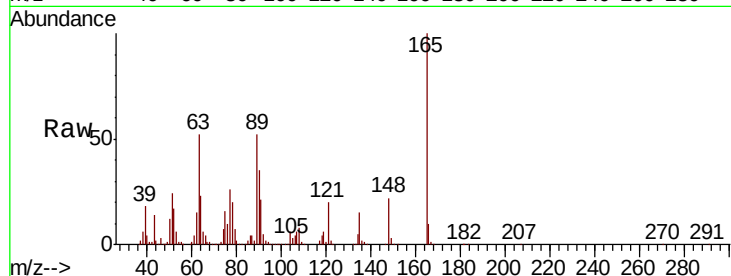




#51
 2,6-Dinitrotoluene
 Concen: 64.905 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: BG043792.D
 Acq: 9 Dec 2019 15:26

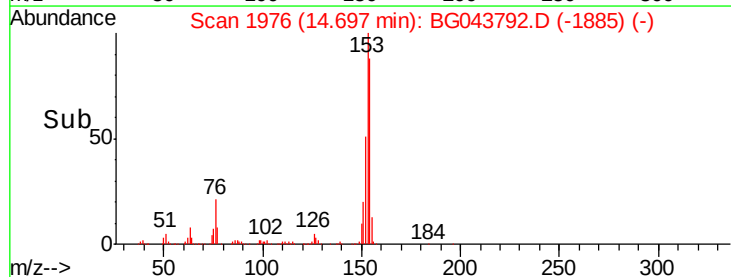
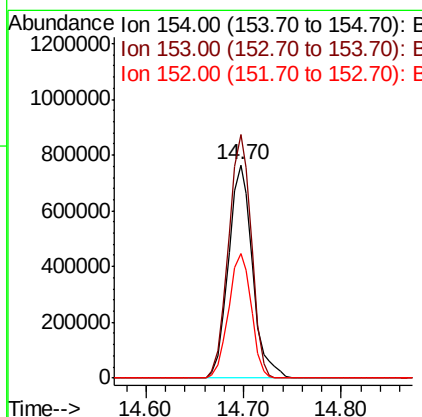
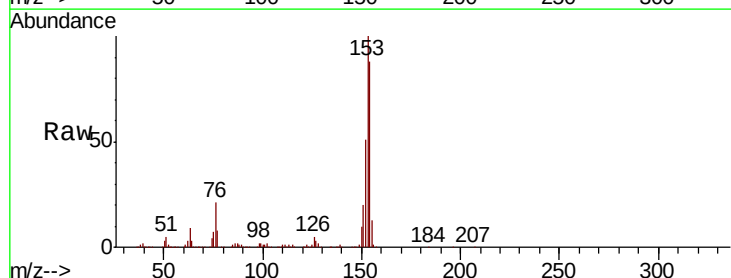
Instrument :
 BNA_G
 ClientSampleId :

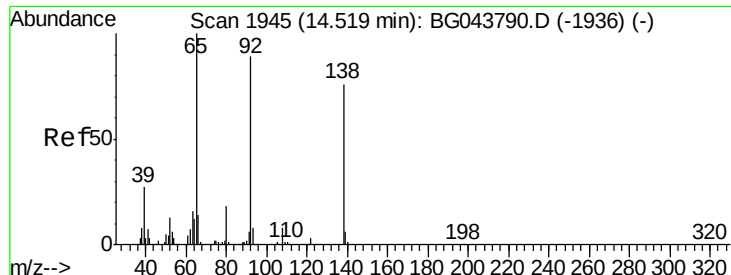
Tot Ion:165 Resp: 383988
 Ion Ratio Lower Upper
 165 100
 63 51.7 40.3 60.5
 89 52.4 41.8 62.8



#52
 Acenaphthene
 Concen: 56.812 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BG043792.D
 Acq: 9 Dec 2019 15:26

Tgt Ion:154 Resp: 1299466
 Ion Ratio Lower Upper
 154 100
 153 114.2 89.5 134.3
 152 58.5 45.0 67.4

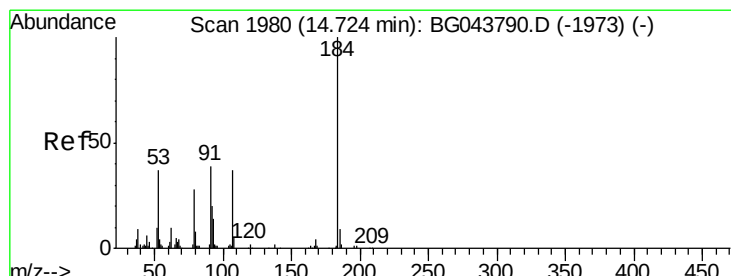
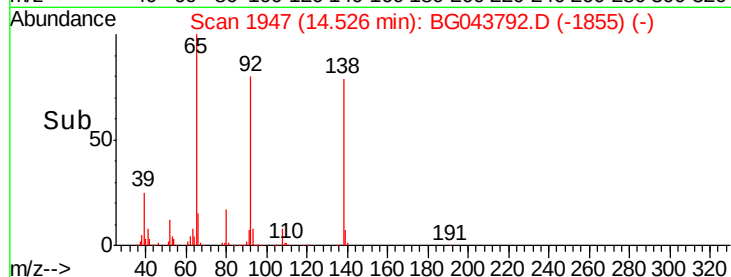
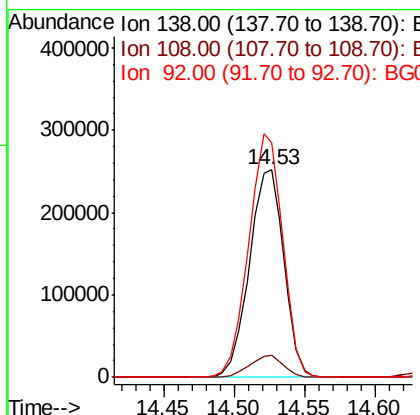
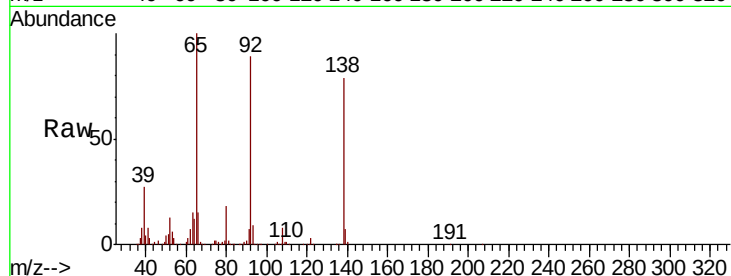




#53
3-Nitroaniline
Concen: 62.540 ng
RT: 14.53 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

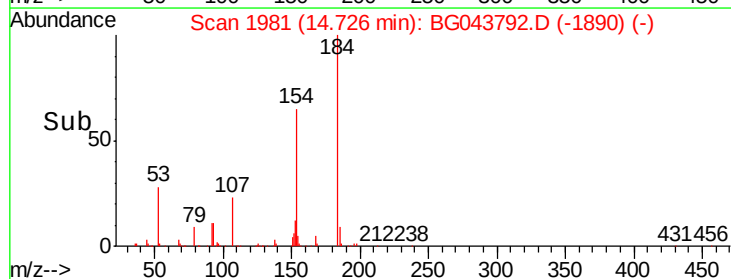
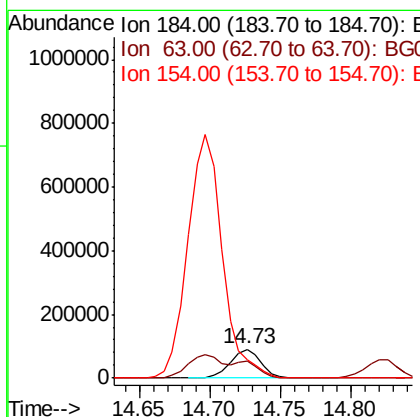
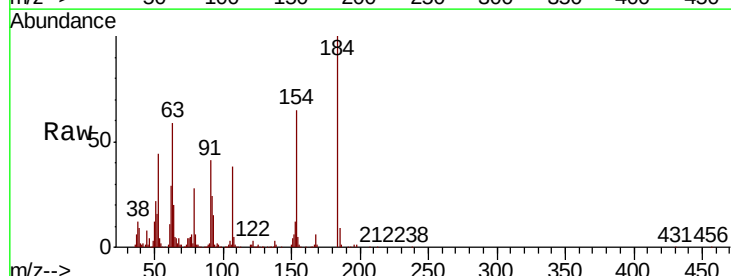
Instrument :
BNA_G
ClientSampleId :

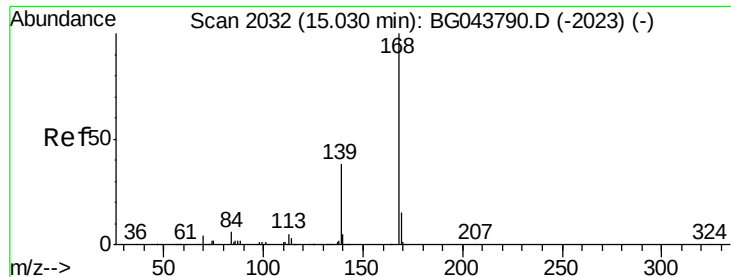
Tot Ion:138 Resp: 432169
Ion Ratio Lower Upper
138 100
108 10.5 8.1 12.1
92 113.3 94.6 141.8



#54
2,4-Dinitrophenol
Concen: 57.039 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion:184 Resp: 137872
Ion Ratio Lower Upper
184 100
63 58.6 43.4 65.0
154 65.0 54.8 82.2

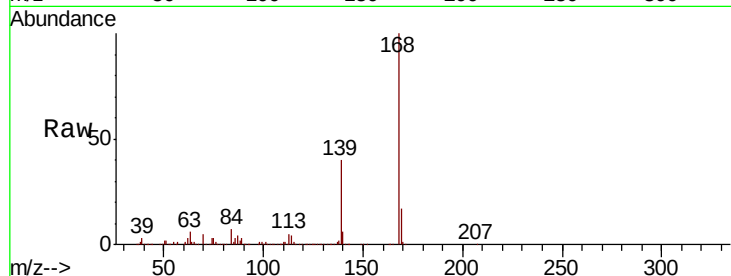




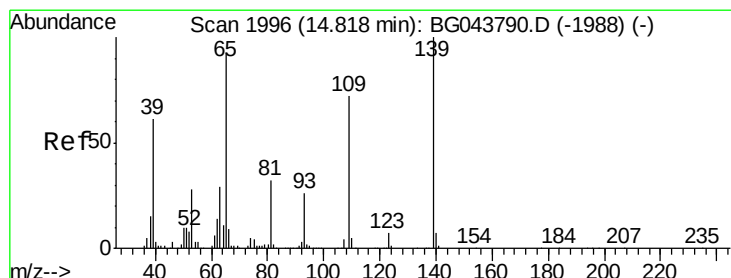
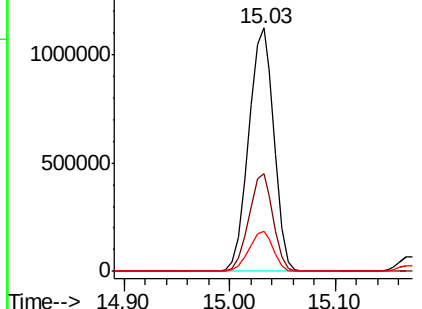
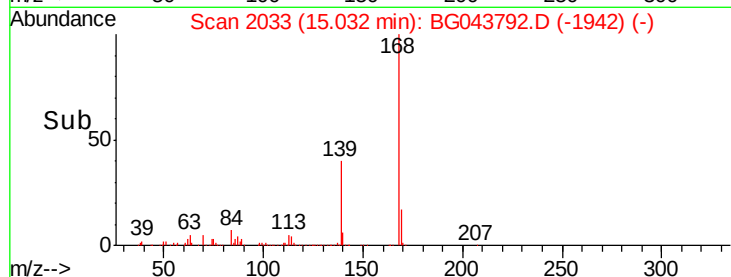
#55
Dibenzofuran
Concen: 52.408 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 1867469
Ion Ratio Lower Upper
168 100
139 40.2 30.4 45.6
169 16.6 12.0 18.0

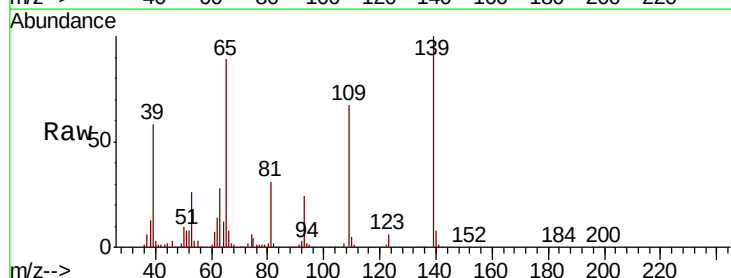


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

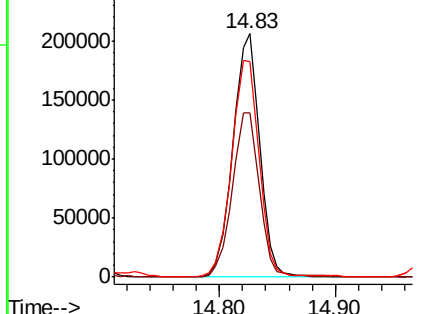
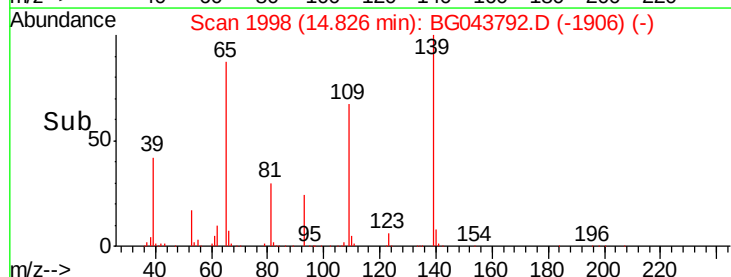


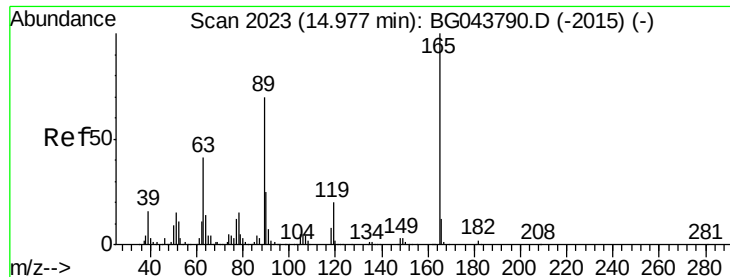
#56
4-Nitrophenol
Concen: 57.076 ng
RT: 14.83 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion:139 Resp: 332218
Ion Ratio Lower Upper
139 100
109 67.2 51.5 91.5
65 88.7 73.7 113.7



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): BGO

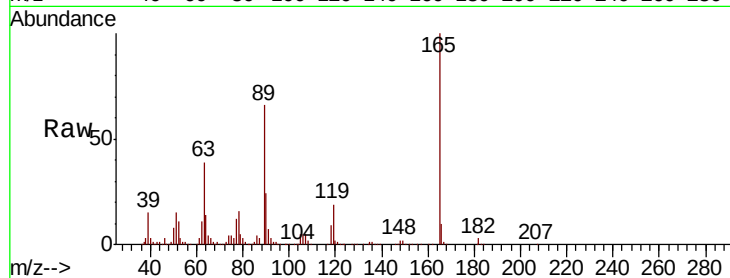




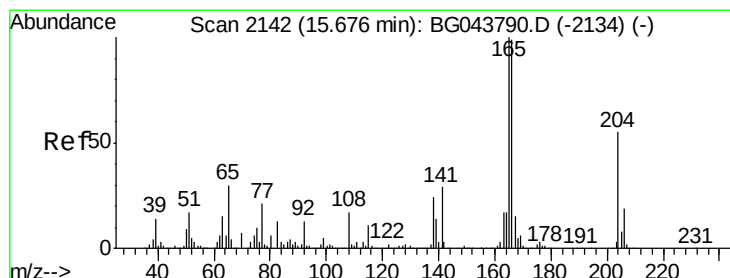
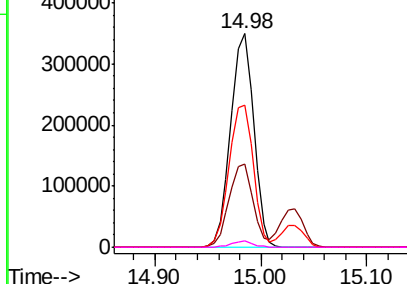
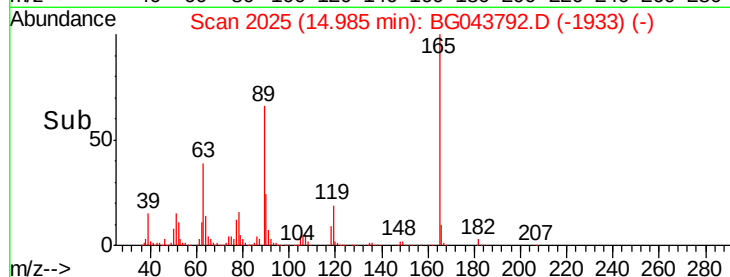
#57
2,4-Dinitrotoluene
Concen: 64.449 ng
RT: 14.98 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 528793
Ion Ratio Lower Upper
165 100
63 39.1 32.7 49.1
89 66.4 56.1 84.1
182 3.0 2.0 3.0#

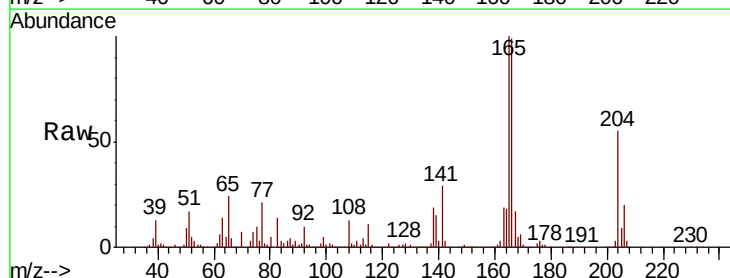


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

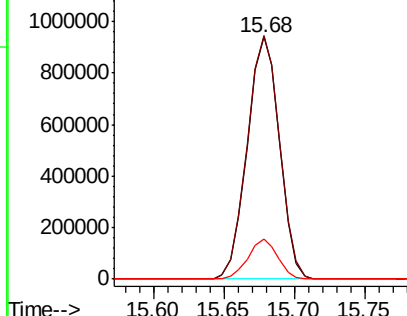
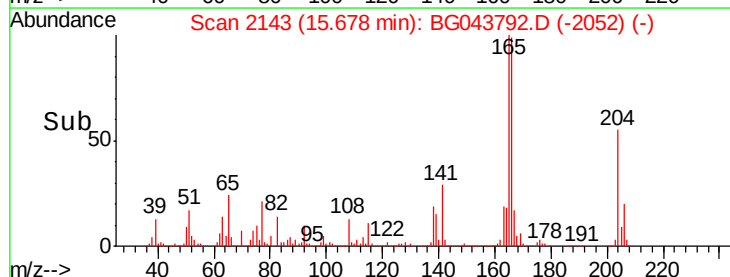


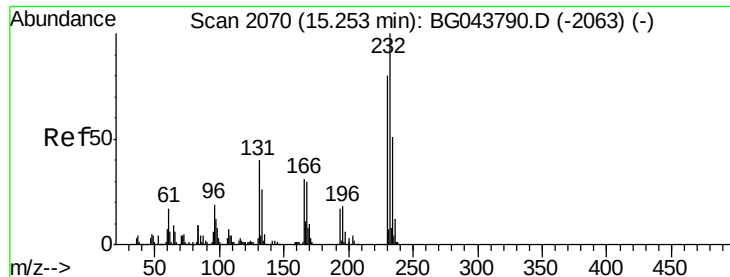
#58
Fluorene
Concen: 51.481 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion:166 Resp: 1504373
Ion Ratio Lower Upper
166 100
165 100.6 80.5 120.7
167 16.7 12.1 18.1



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

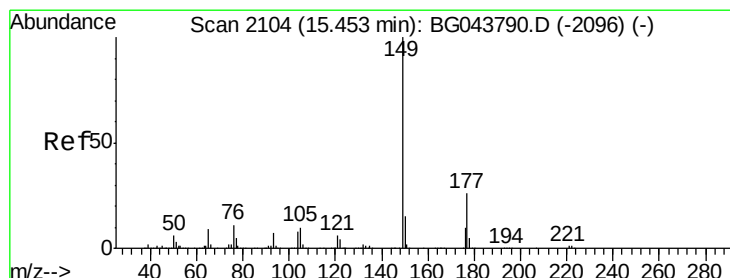
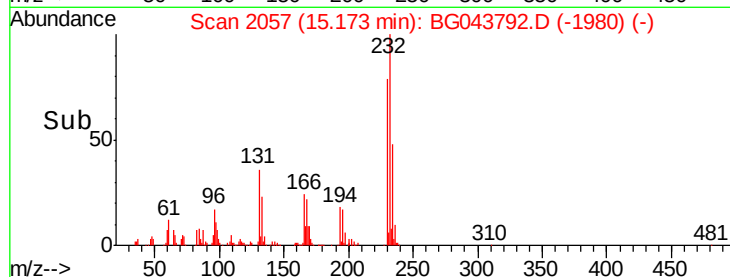
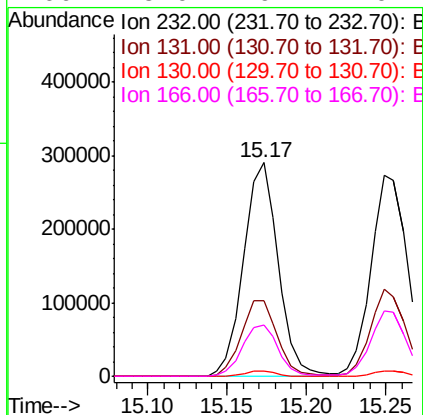
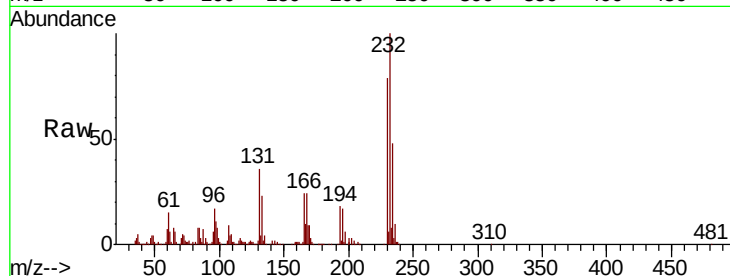




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.291 ng
 RT: 15.17 min Scan# 2057
 Delta R.T. -0.08 min
 Lab File: BG043792.D
 Acq: 9 Dec 2019 15:26

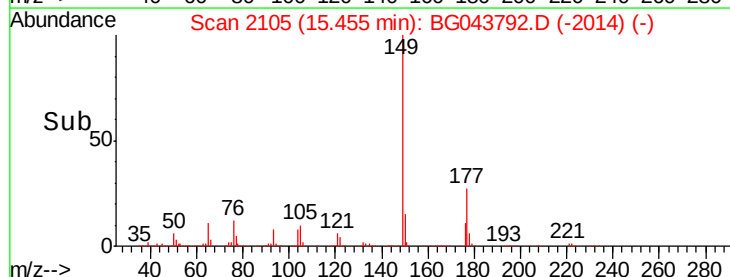
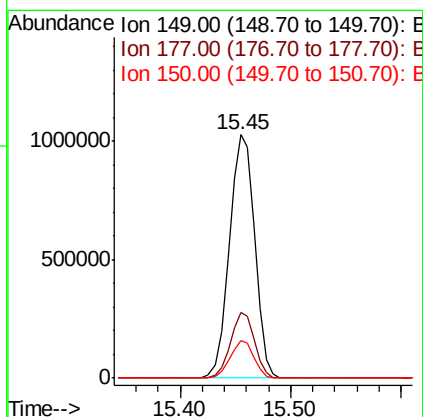
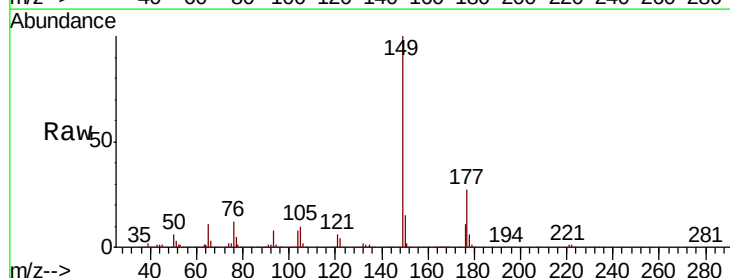
Instrument :
 BNA_G
 ClientSampleId :

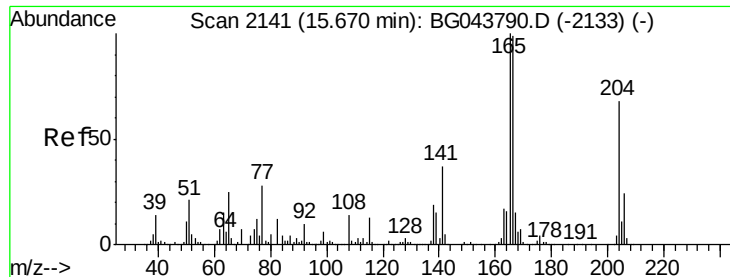
Tot Ion:232	Resp:	441084
Ion Ratio	Lower	Upper
232	100	
131	36.6	27.9 41.9
130	2.4	1.8 2.8
166	25.0	19.4 29.2



#60
 Diethylphthalate
 Concen: 49.171 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG043792.D
 Acq: 9 Dec 2019 15:26

Tgt Ion:149	Resp:	1644747
Ion Ratio	Lower	Upper
149	100	
177	27.2	20.4 30.6
150	15.5	11.6 17.4

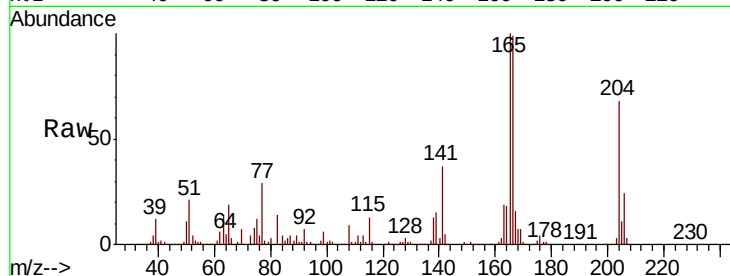




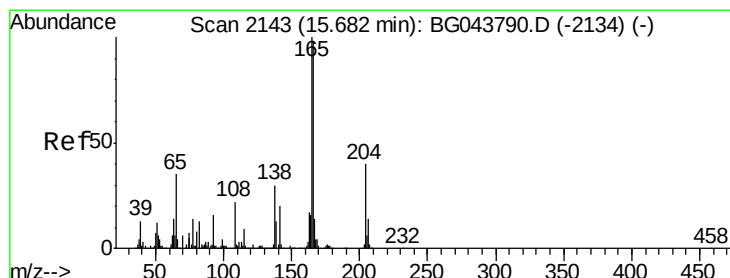
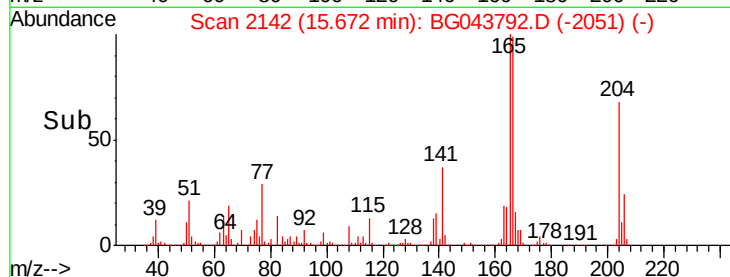
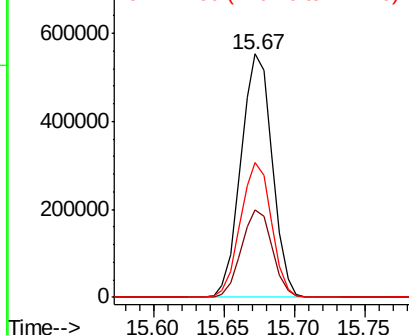
#61
 4-Chlorophenyl-phenylether
 Concen: 53.399 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BG043792.D
 Acq: 9 Dec 2019 15:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 859128
 Ion Ratio Lower Upper
 204 100
 206 35.9 28.1 42.1
 141 55.4 44.1 66.1

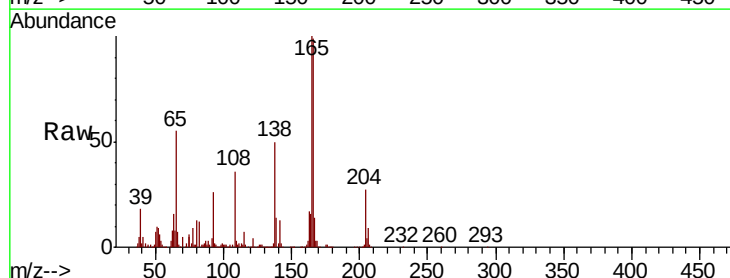


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

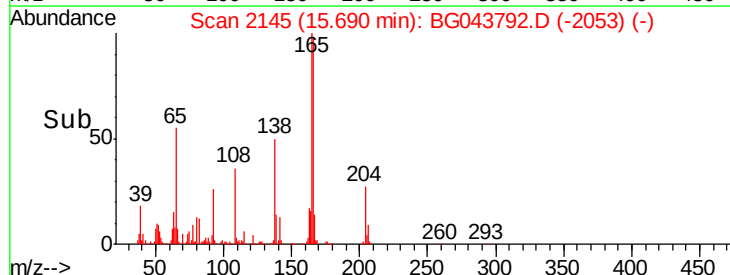
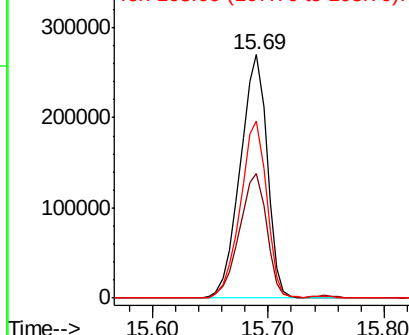


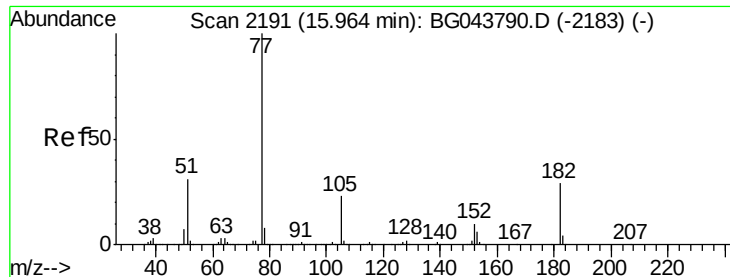
#62
 4-Nitroaniline
 Concen: 55.208 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. 0.01 min
 Lab File: BG043792.D
 Acq: 9 Dec 2019 15:26

Tgt Ion:138 Resp: 437461
 Ion Ratio Lower Upper
 138 100
 92 51.4 31.5 71.5
 108 72.8 53.1 93.1



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: 50.202 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 1505311

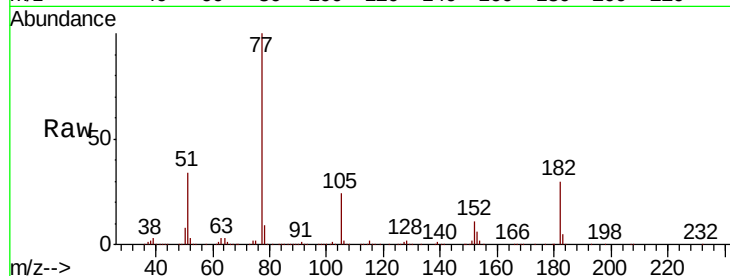
Ion	Ratio	Lower	Upper
77	100		
182	30.1	9.0	49.0
105	24.5	2.9	42.9
51	34.0	10.6	50.6

77 100

182 30.1 9.0 49.0

105 24.5 2.9 42.9

51 34.0 10.6 50.6

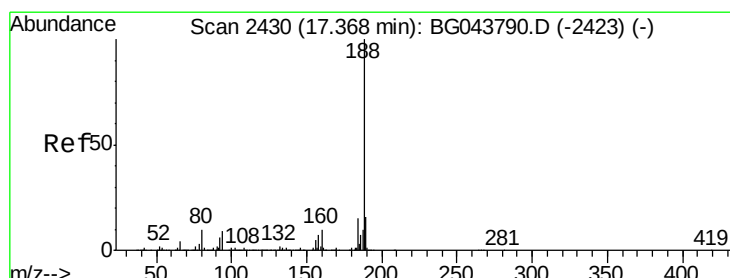
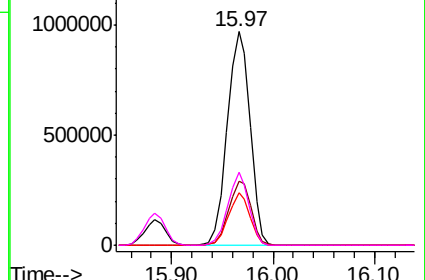
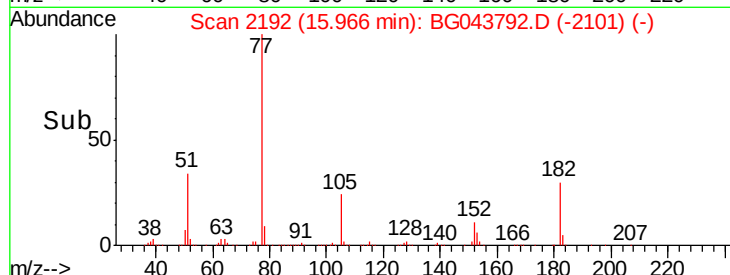


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

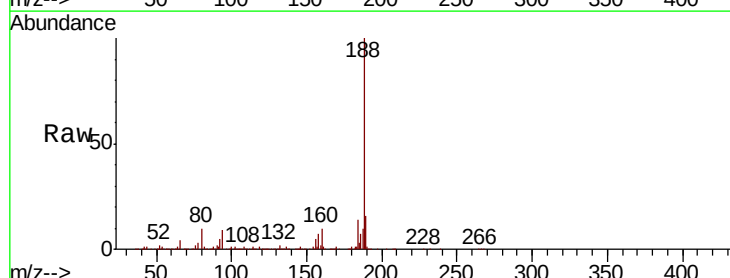
Tgt Ion: 188 Resp: 858689

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.9	10.3
80	10.1	7.8	11.8

188 100

94 8.8 6.9 10.3

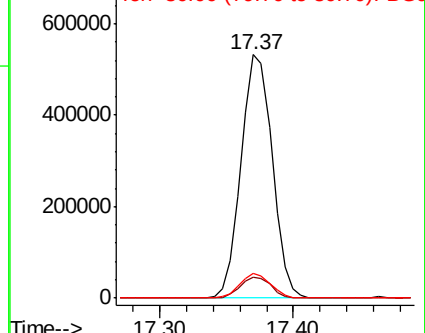
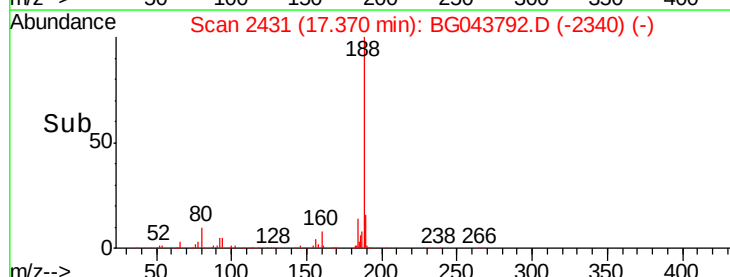
80 10.1 7.8 11.8

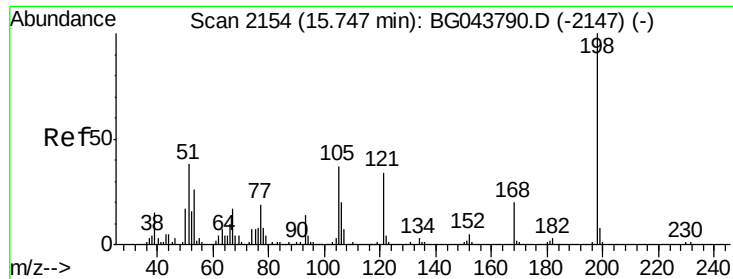


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 70.538 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampled :

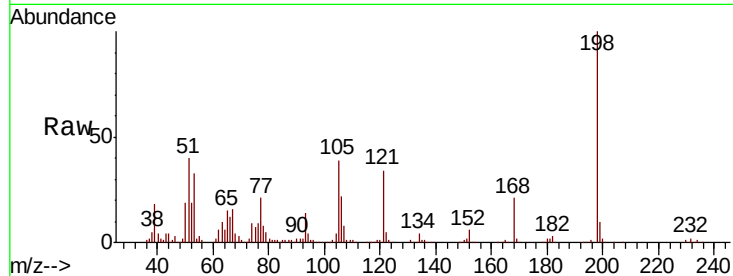
Tot Ion:198 Resp: 205535

Ion Ratio Lower Upper

198 100

51 39.8 18.9 58.9

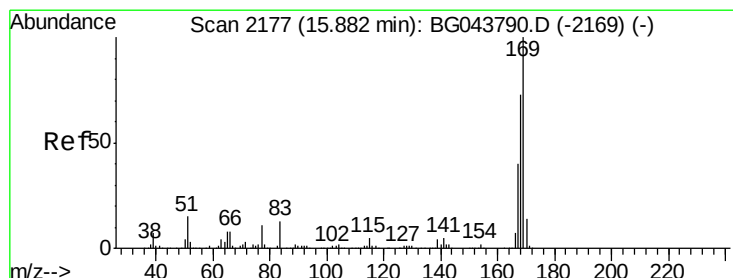
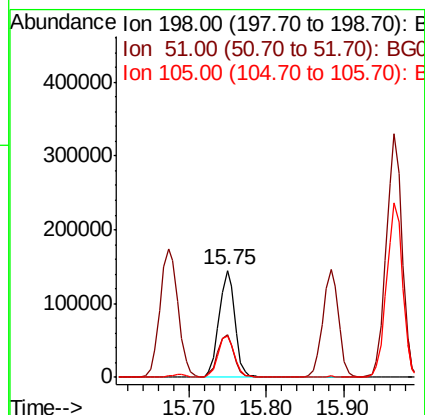
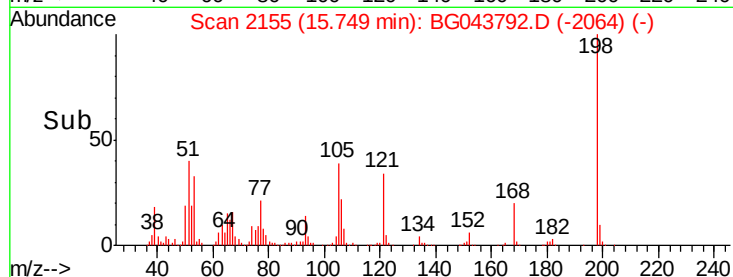
105 39.1 18.1 58.1



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: 61.622 ng

RT: 15.88 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

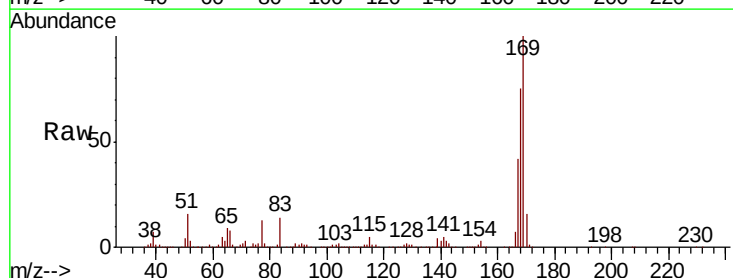
Tgt Ion:169 Resp: 1400973

Ion Ratio Lower Upper

169 100

168 75.3 58.5 87.7

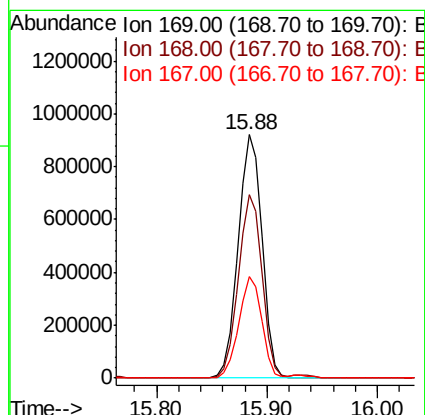
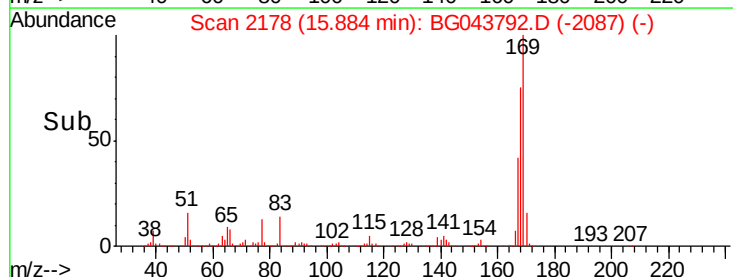
167 41.5 32.1 48.1

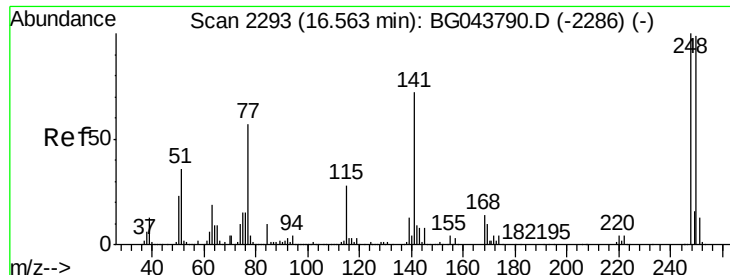


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

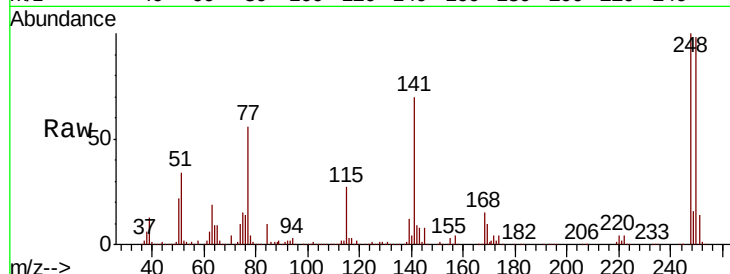




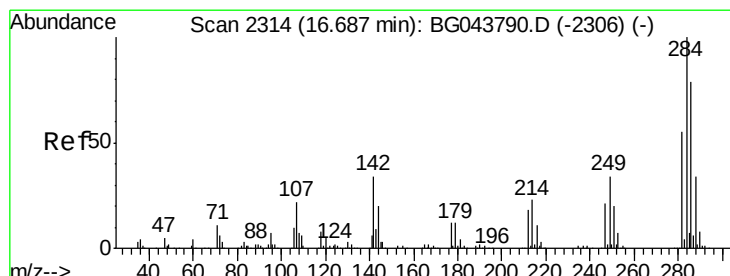
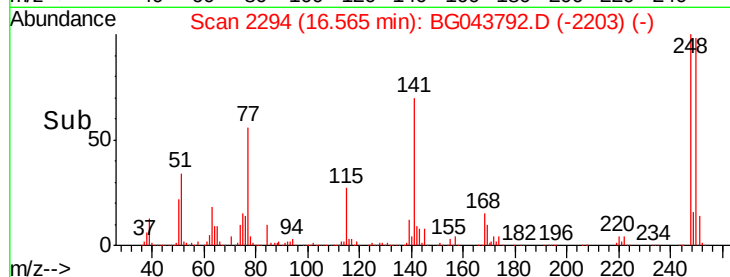
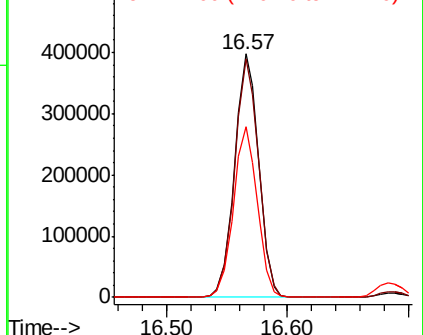
#67
4-Bromophenyl-phenylether
Concen: 60.805 ng
RT: 16.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 550616
Ion Ratio Lower Upper
248 100
250 97.8 79.0 118.6
141 70.1 57.8 86.6

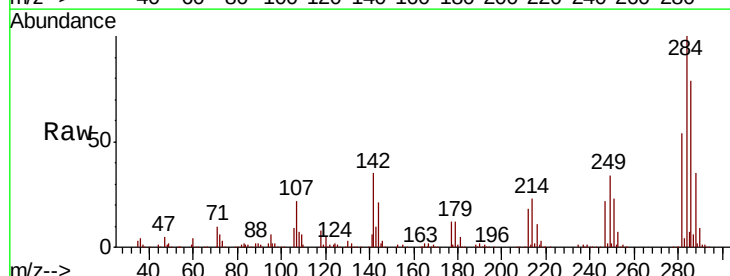


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

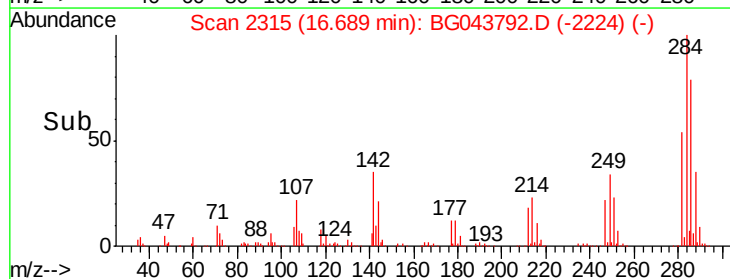
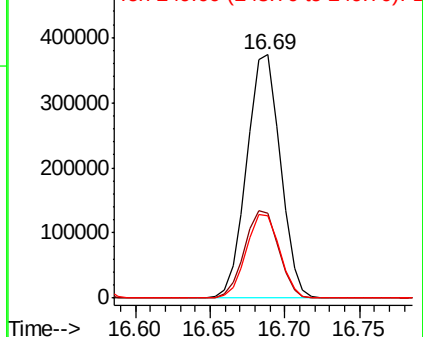


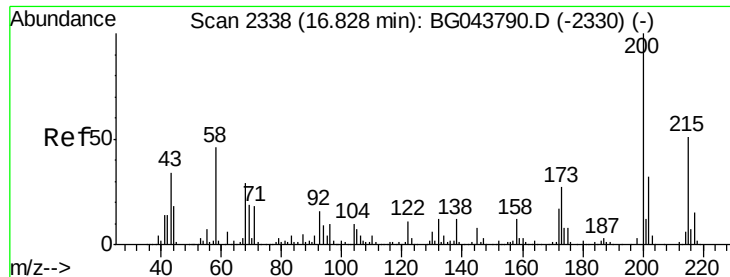
#68
Hexachlorobenzene
Concen: 58.627 ng
RT: 16.69 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion:284 Resp: 580382
Ion Ratio Lower Upper
284 100
142 35.0 27.0 40.6
249 34.0 27.2 40.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.629 ng

RT: 16.83 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampleId :

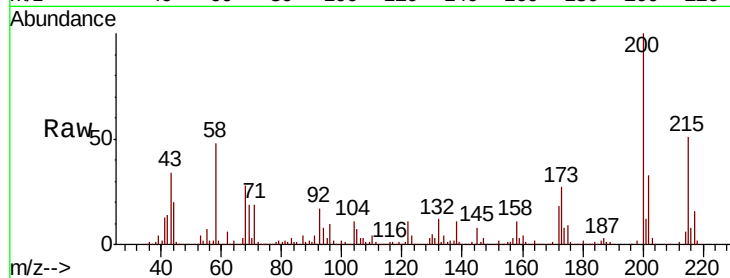
Tot Ion:200 Resp: 370192

Ion Ratio Lower Upper

200 100

173 27.1 7.4 47.4

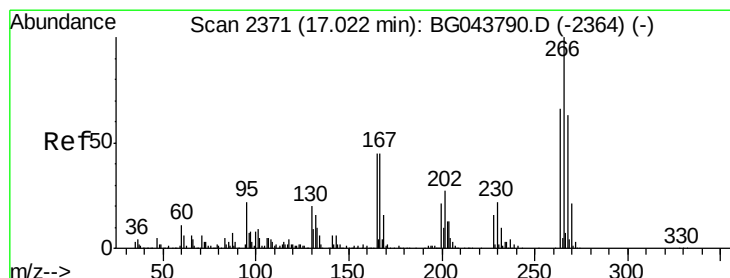
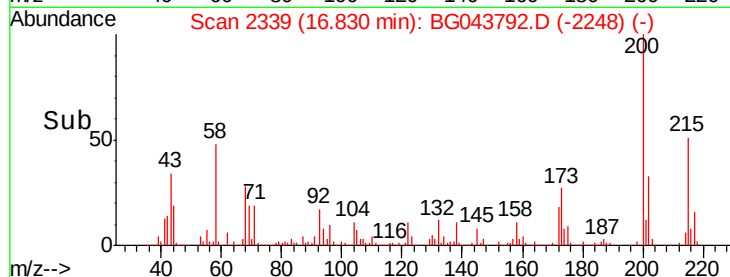
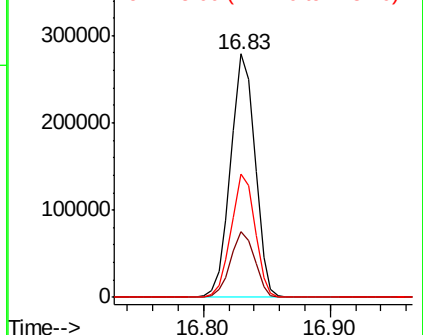
215 50.5 30.5 70.5



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: 55.036 ng

RT: 17.02 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

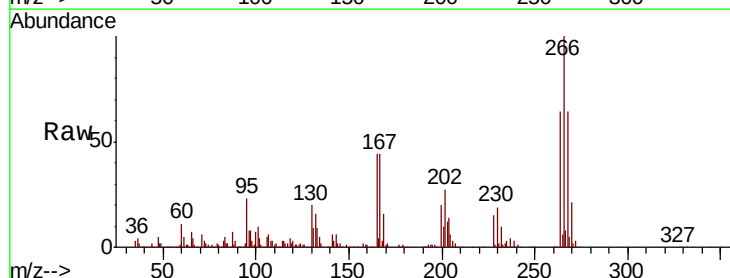
Tgt Ion:266 Resp: 332458

Ion Ratio Lower Upper

266 100

268 63.9 50.8 76.2

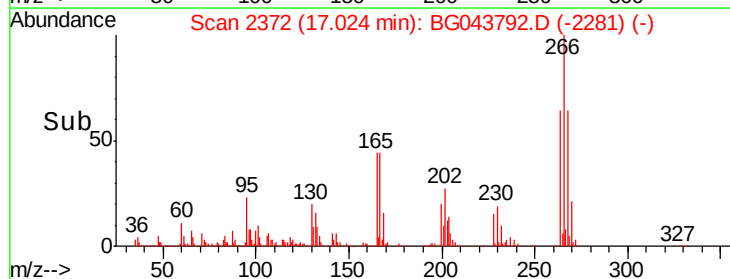
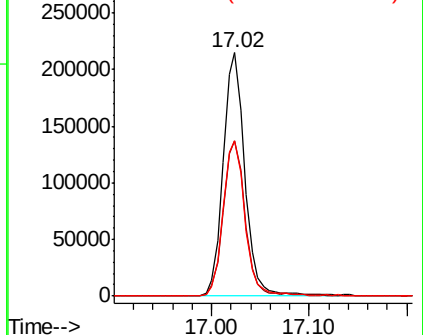
264 63.6 53.0 79.4

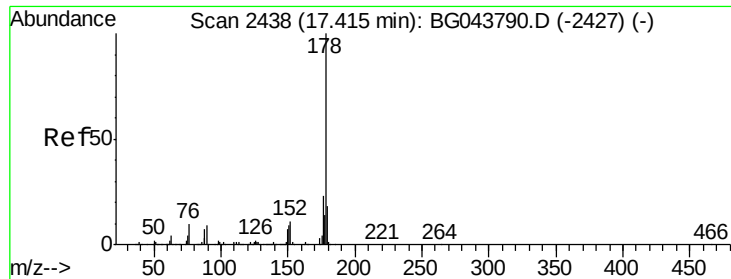


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

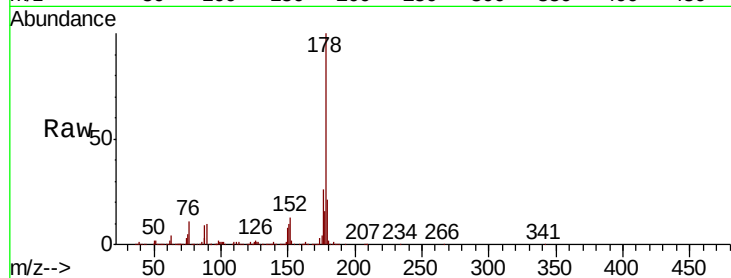




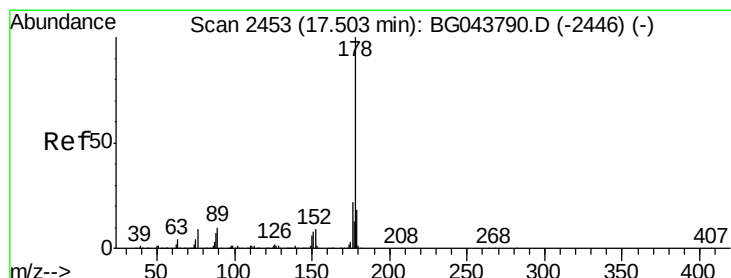
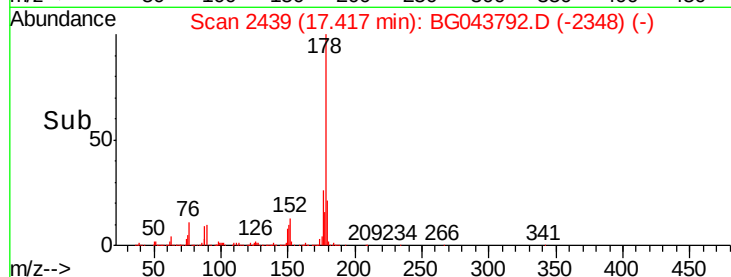
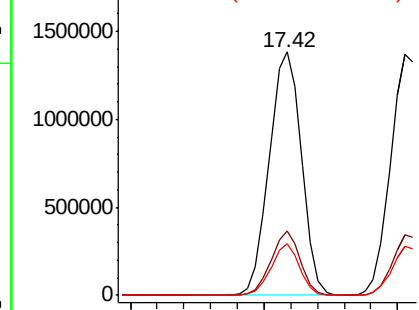
#71
Phenanthrene
Concen: 54.598 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 2319807
Ion Ratio Lower Upper
178 100
176 26.4 18.6 27.8
179 21.3 14.7 22.1

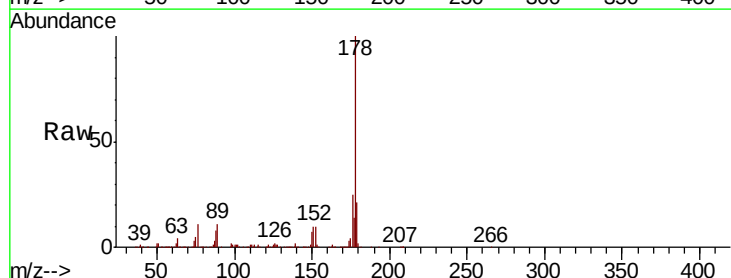


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

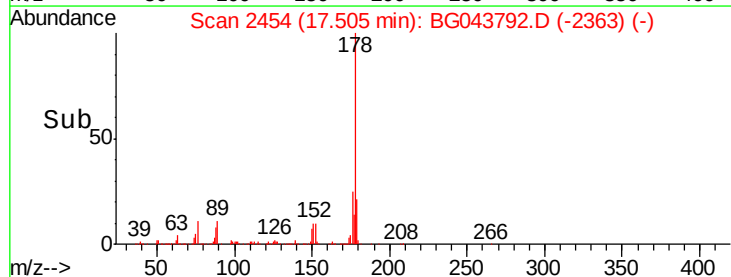
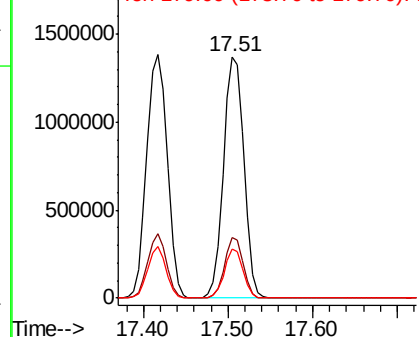


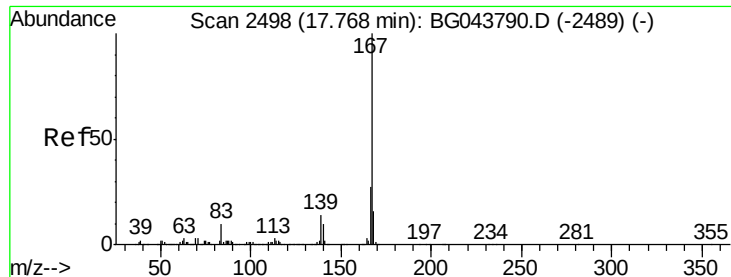
#72
Anthracene
Concen: 53.754 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion:178 Resp: 2307172
Ion Ratio Lower Upper
178 100
176 25.2 17.7 26.5
179 20.6 14.5 21.7



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

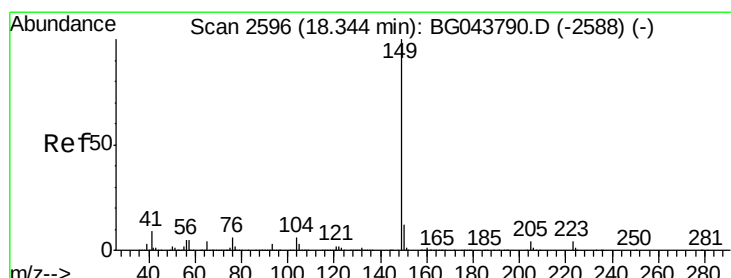
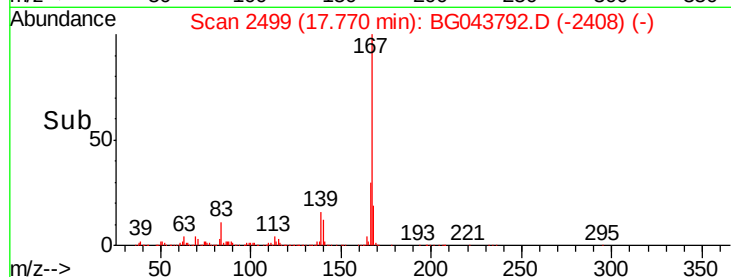
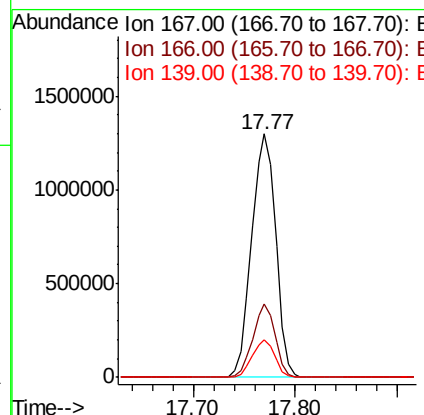
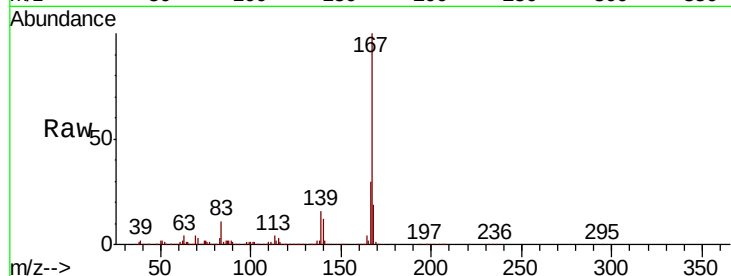




#73
 Carbazole
 Concen: 50.305 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BG043792.D
 Acq: 9 Dec 2019 15:26

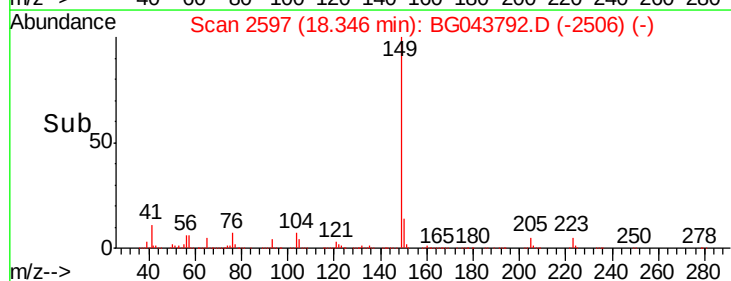
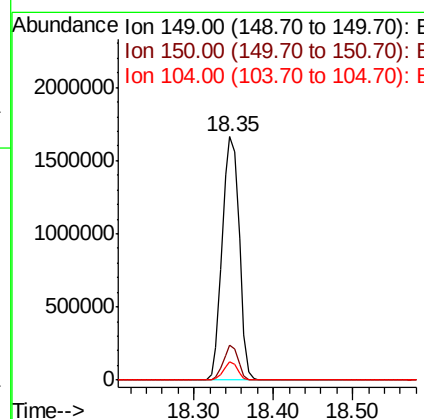
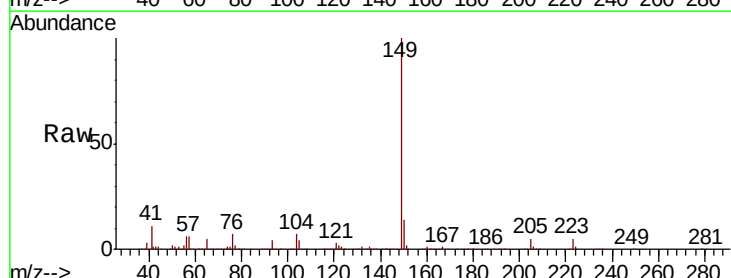
Instrument :
 BNA_G
 ClientSampleId :

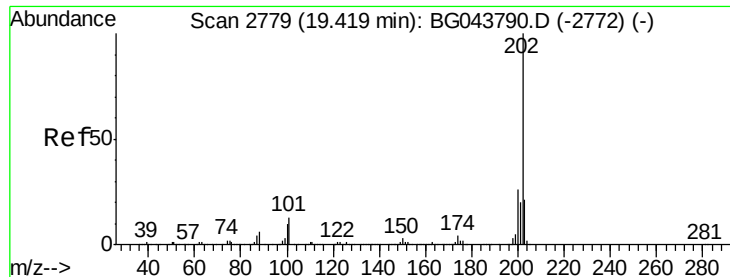
Tot Ion:167 Resp: 2139142
 Ion Ratio Lower Upper
 167 100
 166 30.2 21.4 32.2
 139 15.7 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 45.358 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG043792.D
 Acq: 9 Dec 2019 15:26

Tgt Ion:149 Resp: 2468652
 Ion Ratio Lower Upper
 149 100
 150 14.2 9.4 14.0#
 104 7.3 4.8 7.2#





#75

Fluoranthene

Concen: 42.735 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampleId :

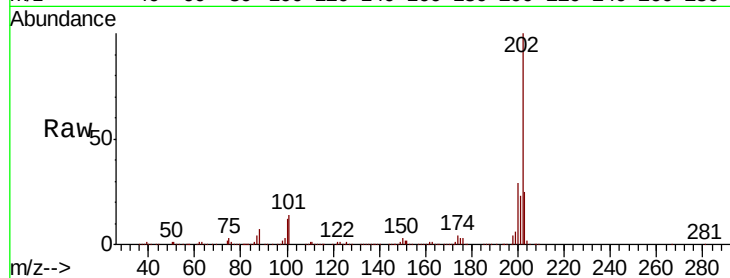
Tot Ion:202 Resp: 2604610

Ion Ratio Lower Upper

202 100

101 14.3 0.0 32.7

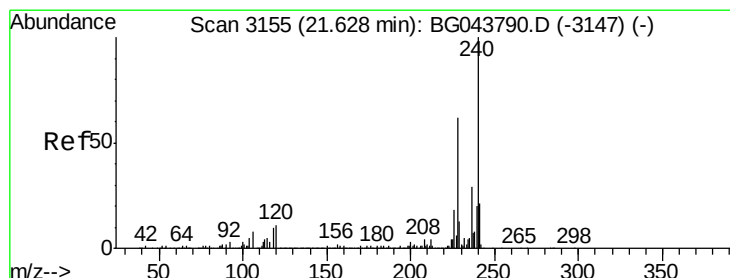
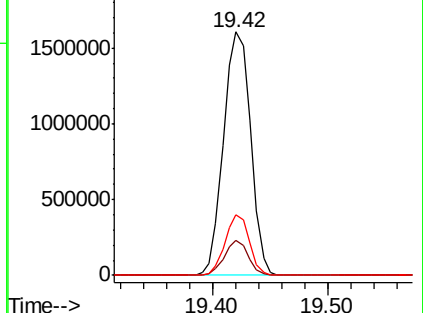
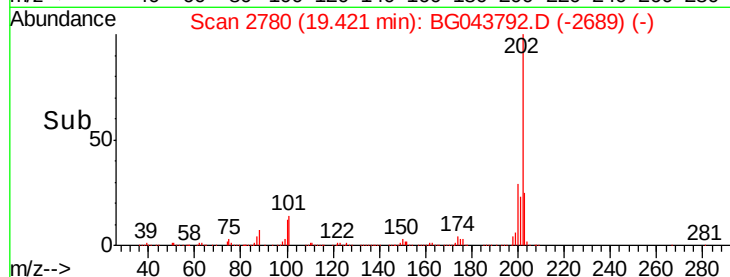
203 25.0 1.0 41.0



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: 21.64 min Scan# 3157

Delta R.T. 0.01 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

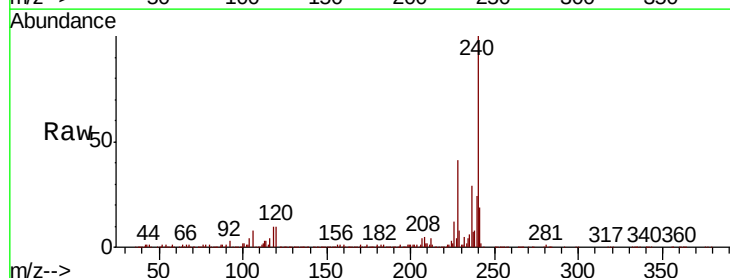
Tgt Ion:240 Resp: 714870

Ion Ratio Lower Upper

240 100

120 9.8 8.6 12.8

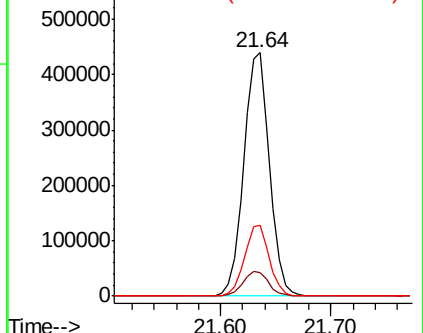
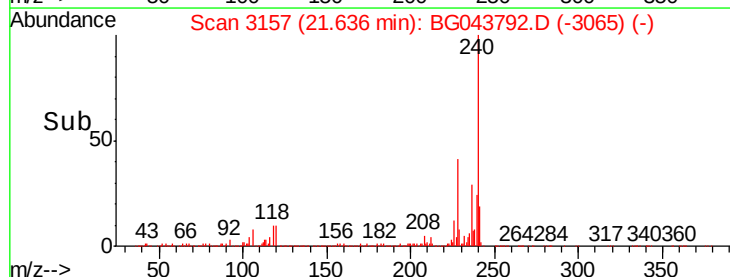
236 29.3 23.1 34.7

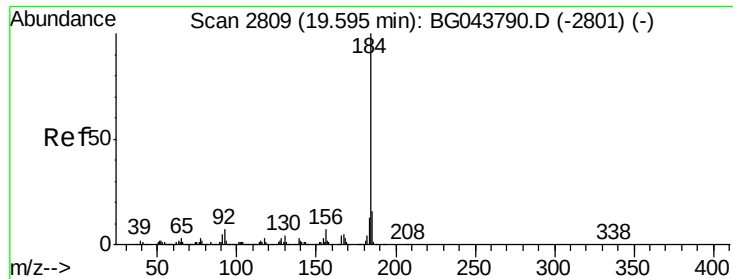


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.739 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

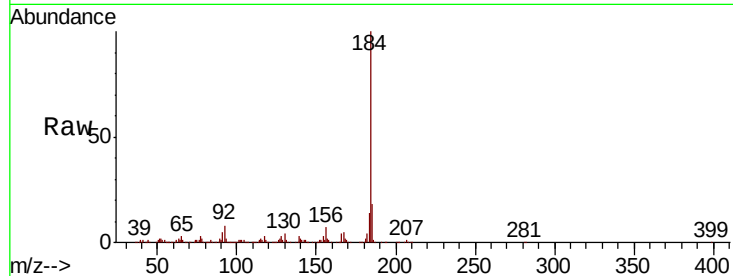
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 934243

Ion	Ratio	Lower	Upper
184	100		
185	17.6	12.9	19.3
183	14.0	10.3	15.5

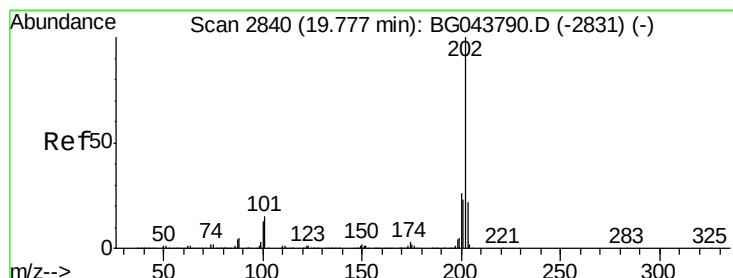
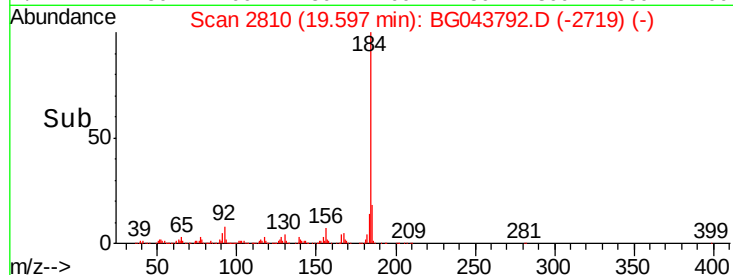
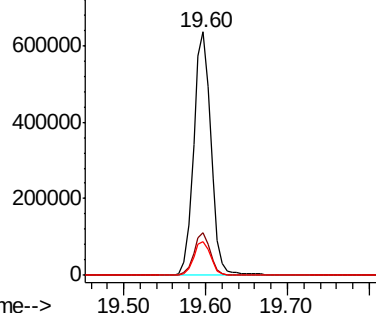


Abundance

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: 56.559 ng

RT: 19.78 min Scan# 2842

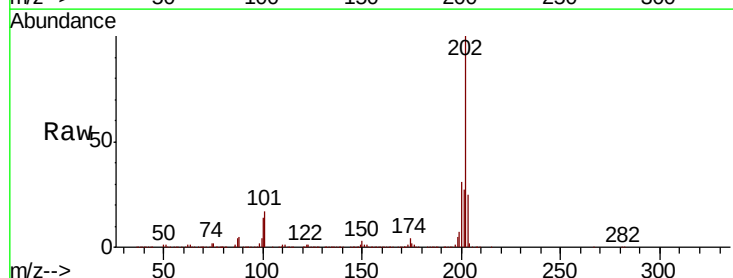
Delta R.T. 0.01 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Tgt Ion:202 Resp: 2609440

Ion	Ratio	Lower	Upper
202	100		
200	30.9	20.8	31.2
203	25.5	17.7	26.5

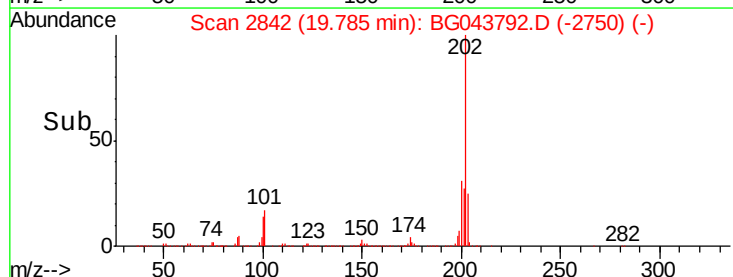
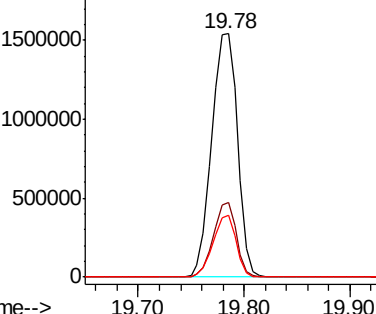


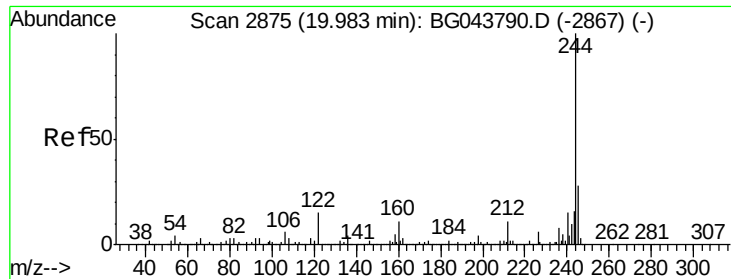
Abundance

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: 101.750 ng

RT: 19.98 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampled :

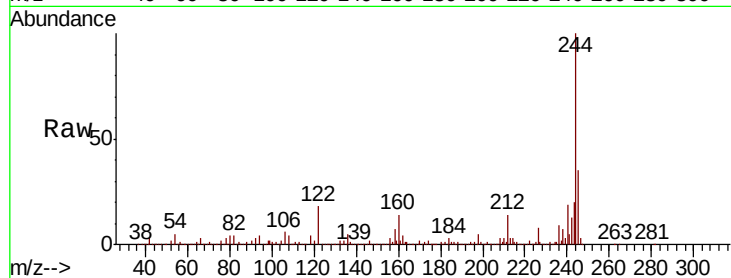
Tot Ion:244 Resp: 3219022

Ion Ratio Lower Upper

244 100

212 14.3 9.1 13.7#

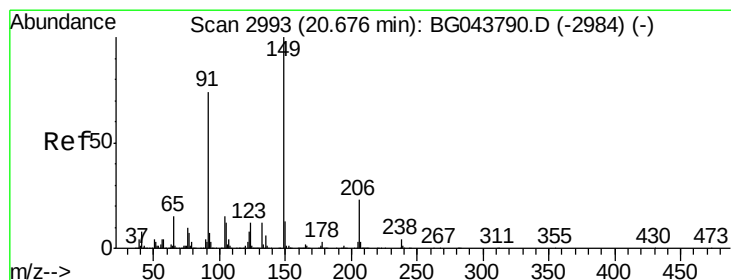
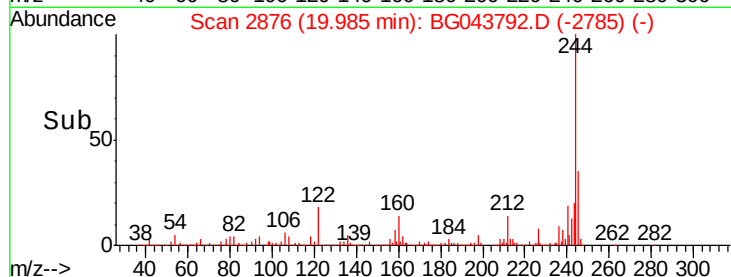
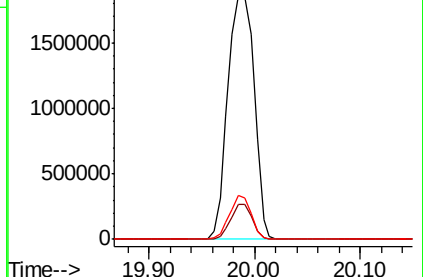
122 17.9 11.6 17.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 57.197 ng

RT: 20.68 min Scan# 2994

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

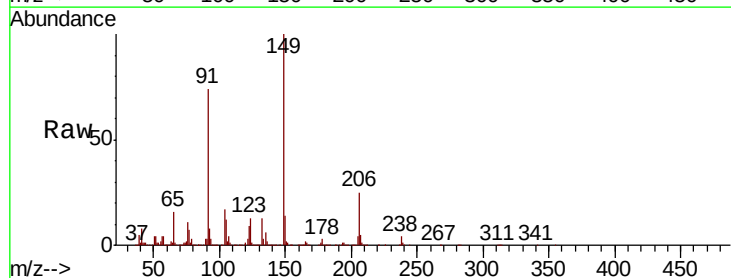
Tgt Ion:149 Resp: 1202121

Ion Ratio Lower Upper

149 100

91 74.4 59.0 88.4

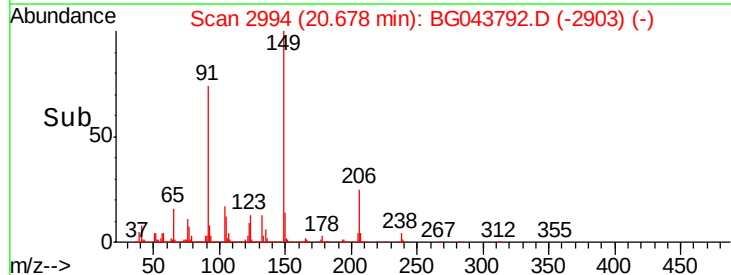
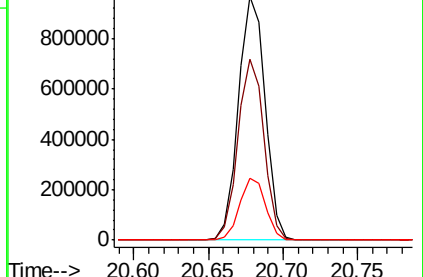
206 25.4 18.6 28.0

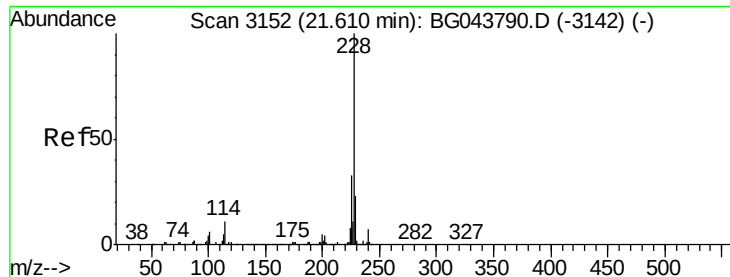


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

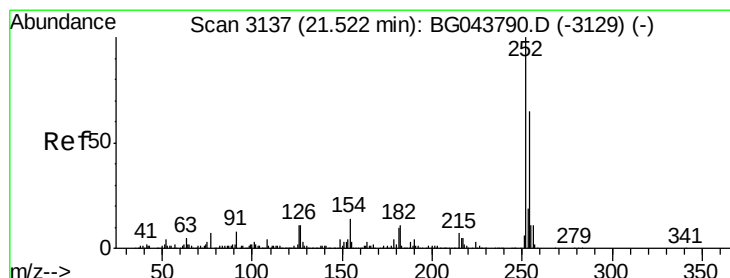
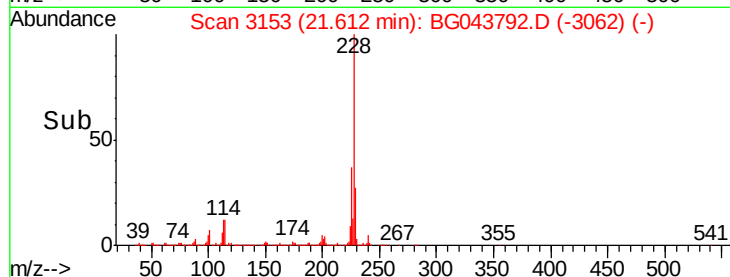
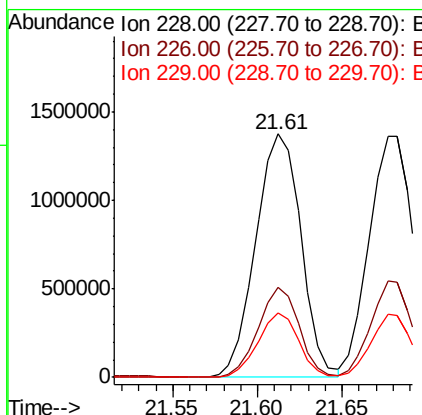
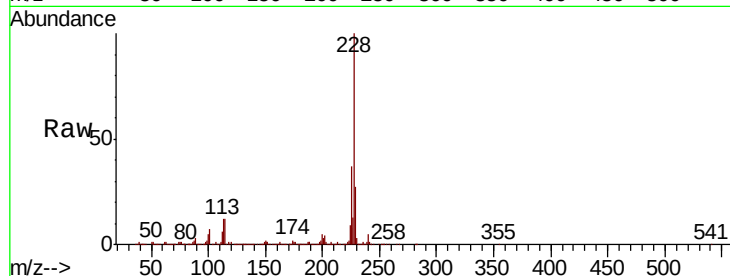




#81
Benzo(a)anthracene
Concen: 53.713 ng
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

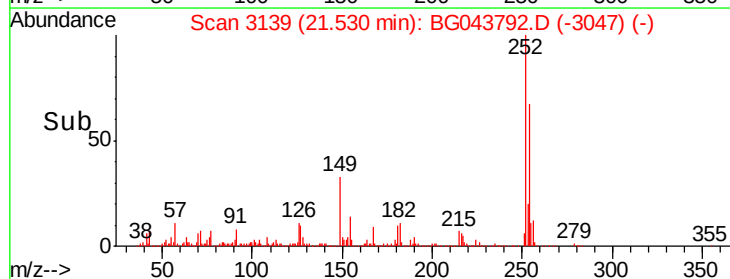
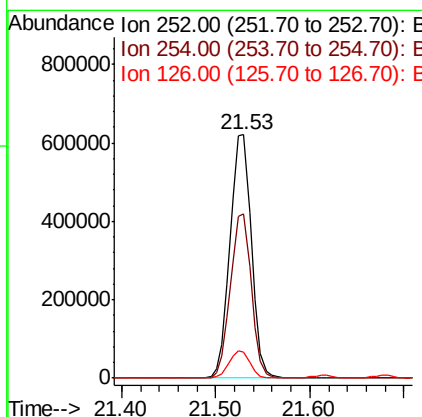
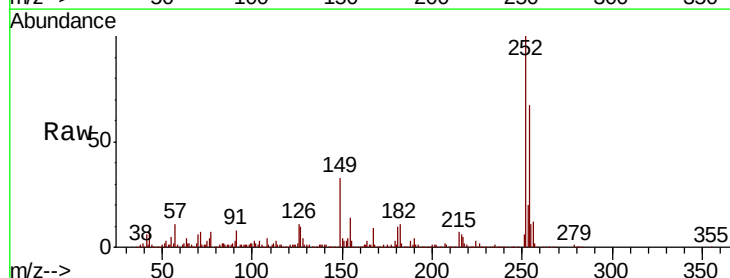
Instrument :
BNA_G
ClientSampleId :

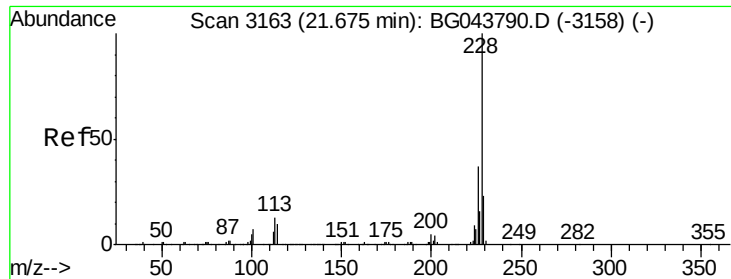
Tot Ion:228 Resp: 2567031
Ion Ratio Lower Upper
228 100
226 36.8 26.1 39.1
229 26.7 18.6 27.8



#82
3,3'-Dichlorobenzidine
Concen: 54.861 ng
RT: 21.53 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion:252 Resp: 983201
Ion Ratio Lower Upper
252 100
254 67.4 52.2 78.2
126 10.5 8.7 13.1





#83

Chrysene

Concen: 54.250 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

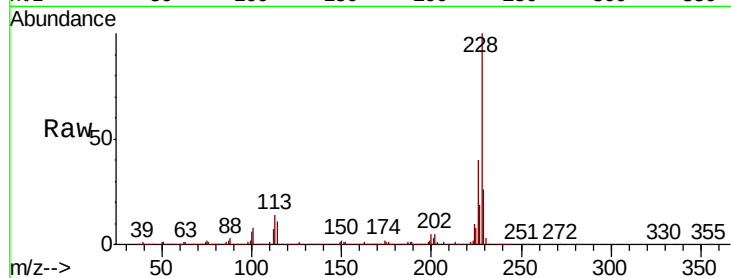
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 2453317

Ion	Ratio	Lower	Upper
228	100		
226	40.0	29.1	43.7
229	26.2	18.6	28.0

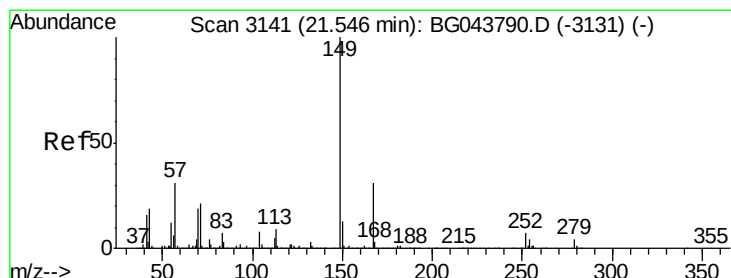
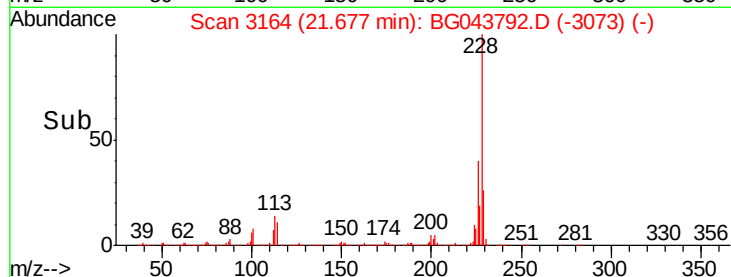
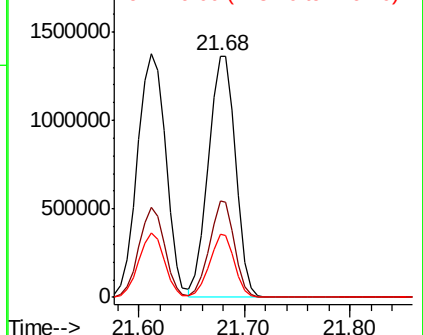


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.885 ng

RT: 21.55 min Scan# 3142

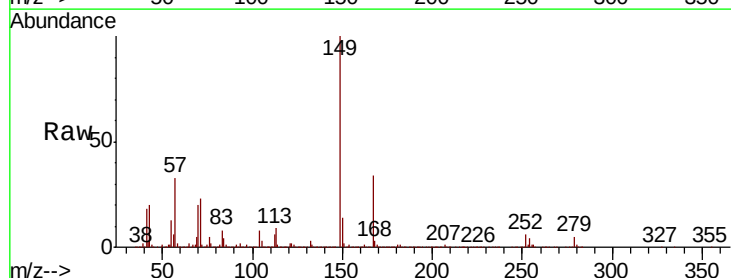
Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Tgt Ion:149 Resp: 1652618

Ion	Ratio	Lower	Upper
149	100		
167	33.7	25.1	37.7
279	5.1	3.5	5.3

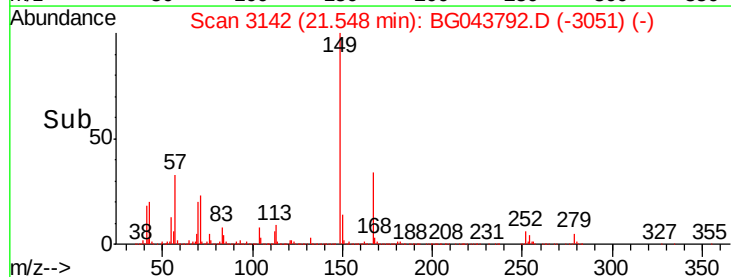
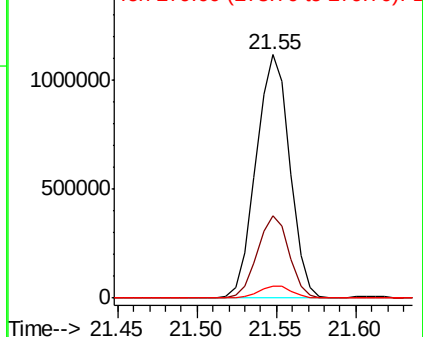


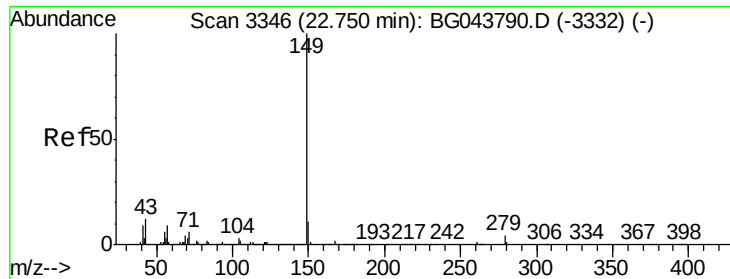
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

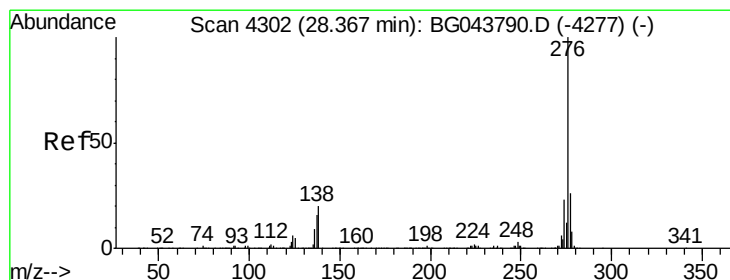
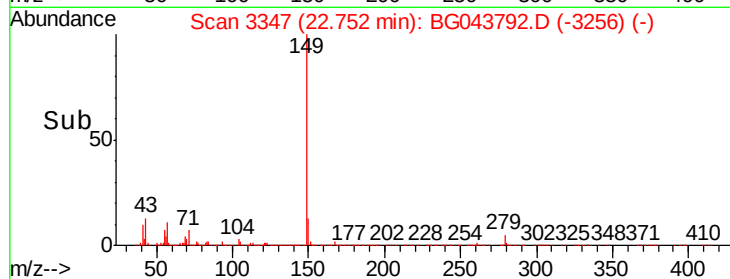
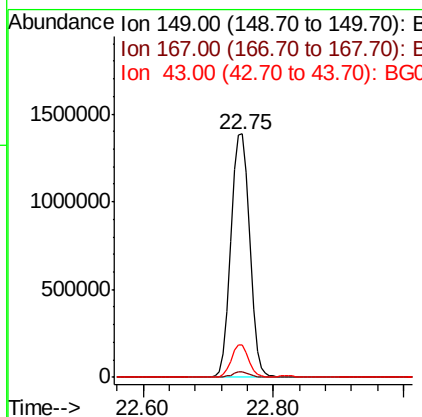
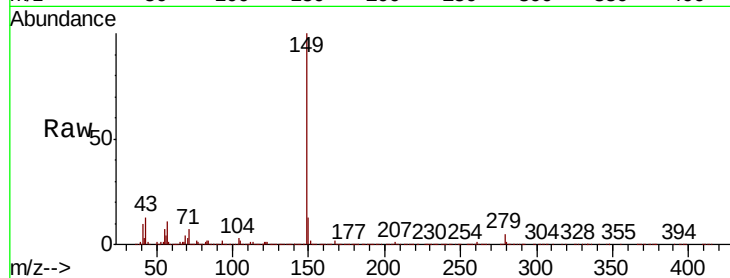




#85
Di-n-octyl phthalate
Concen: 58.043 ng
RT: 22.75 min Scan# 3347
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

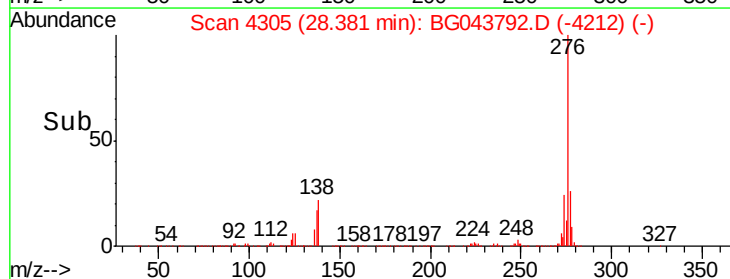
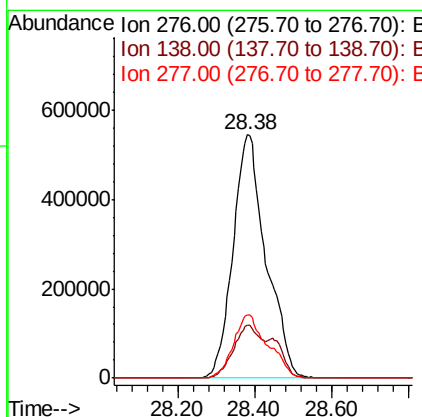
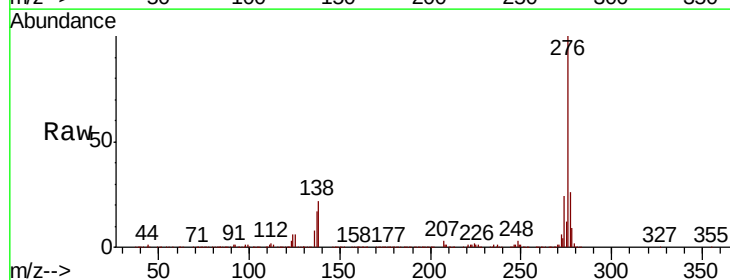
Instrument :
BNA_G
ClientSampleId :

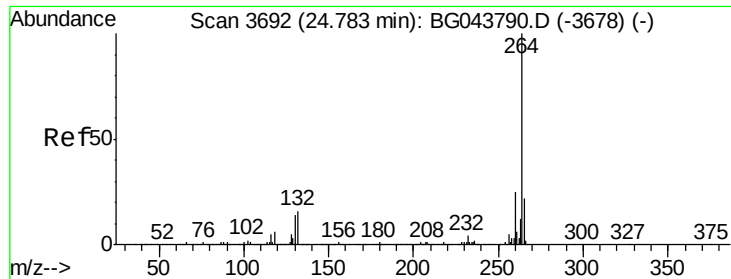
Tot Ion:149 Resp: 2784078
Ion Ratio Lower Upper
149 100
167 2.0 1.4 2.2
43 12.3 8.8 13.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 61.935 ng
RT: 28.38 min Scan# 4305
Delta R.T. 0.01 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion:276 Resp: 3258055
Ion Ratio Lower Upper
276 100
138 18.3 14.6 21.8
277 27.0 21.2 31.8

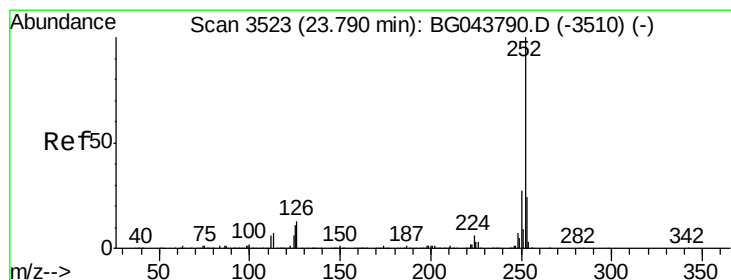
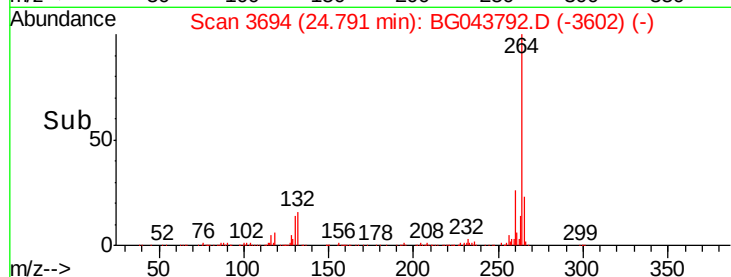
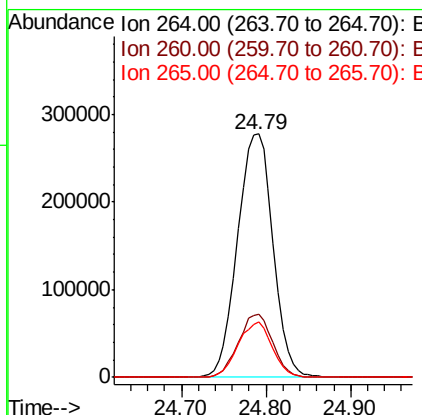
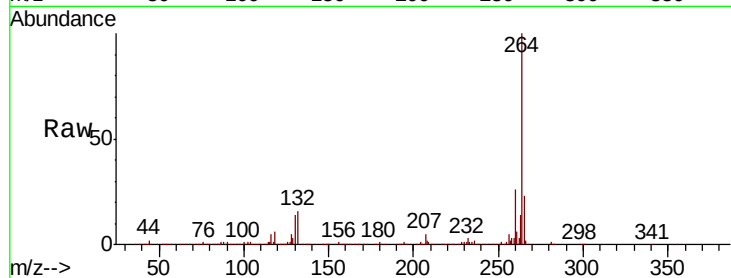




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3694
Delta R.T. 0.01 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

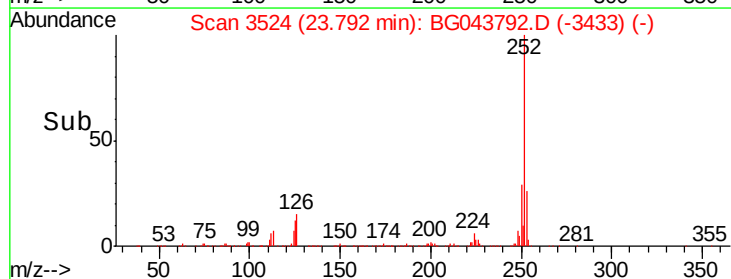
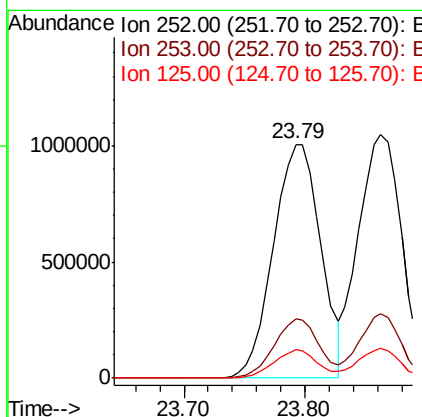
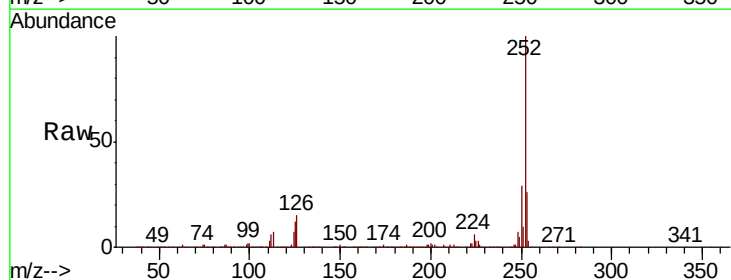
Instrument :
BNA_G
ClientSampleId :

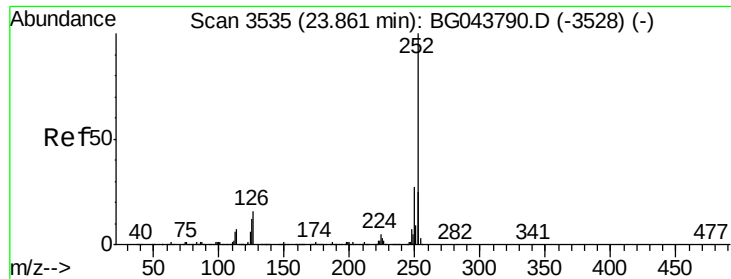
Tot Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.8	29.8
265	23.0	17.9	26.9



#88
Benzo(b)fluoranthene
Concen: 56.557 ng
RT: 23.79 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.5	29.3
125	12.0	9.0	13.4

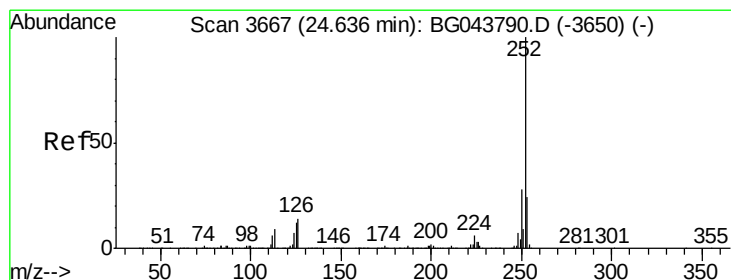
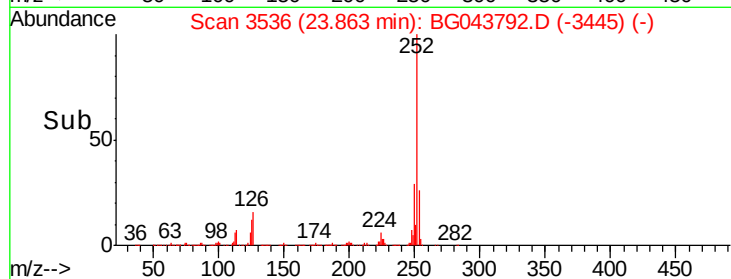
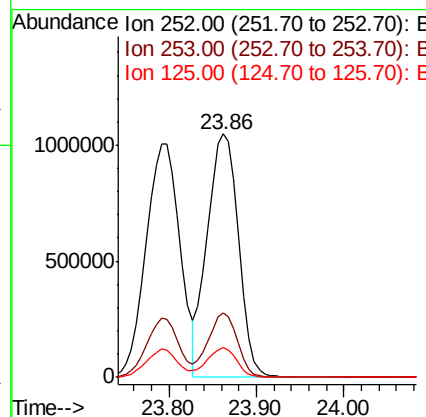
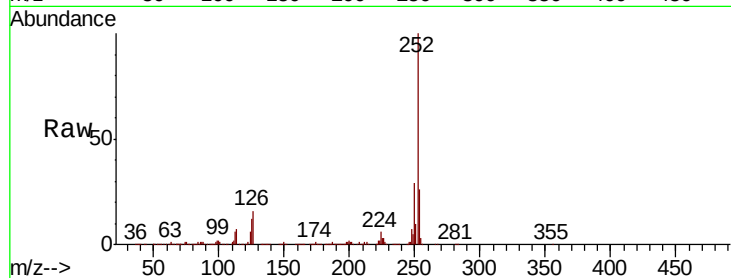




#89
Benzo(k)fluoranthene
Concen: 56.212 ng
RT: 23.86 min Scan# 3536
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

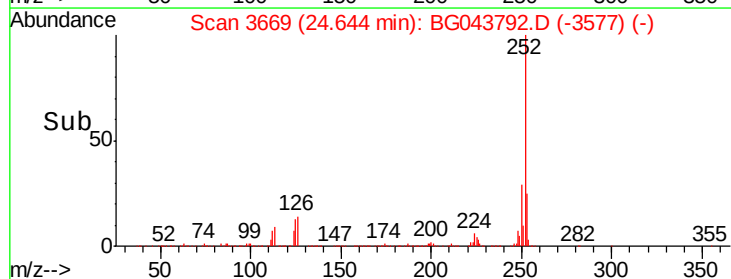
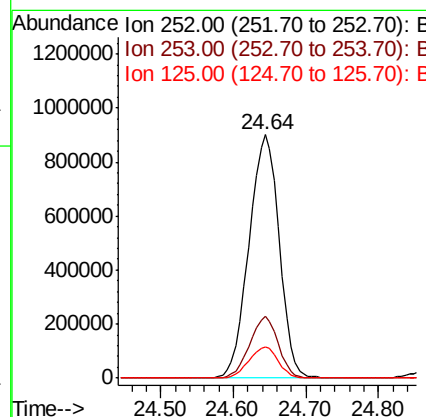
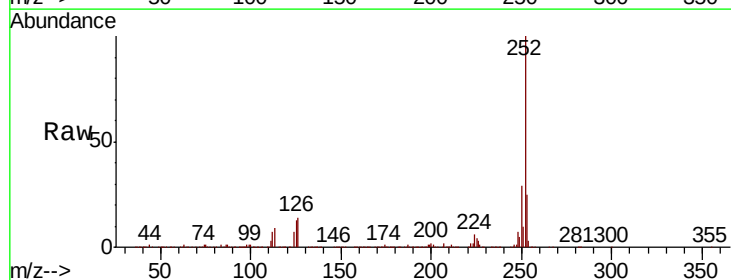
Instrument :
BNA_G
ClientSampleId :

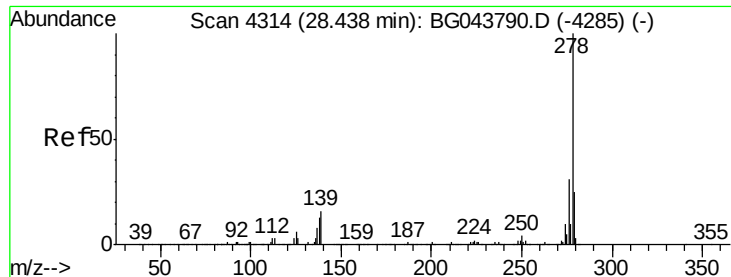
Tot Ion:252 Resp: 2607108
Ion Ratio Lower Upper
252 100
253 26.4 19.4 29.0
125 12.2 8.9 13.3



#90
Benzo(a)pyrene
Concen: 57.268 ng
RT: 24.64 min Scan# 3669
Delta R.T. 0.01 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion:252 Resp: 2602363
Ion Ratio Lower Upper
252 100
253 25.4 19.1 28.7
125 12.5 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 59.300 ng

RT: 28.45 min Scan# 4317

Delta R.T. 0.01 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampleId :

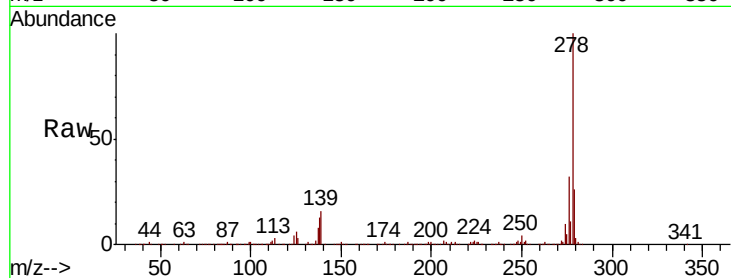
Tot Ion:278 Resp: 2613782

Ion Ratio Lower Upper

278 100

139 16.1 13.2 19.8

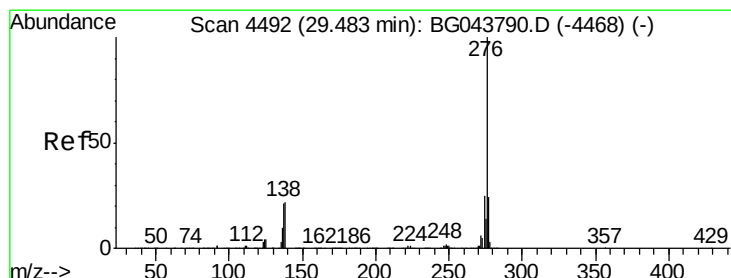
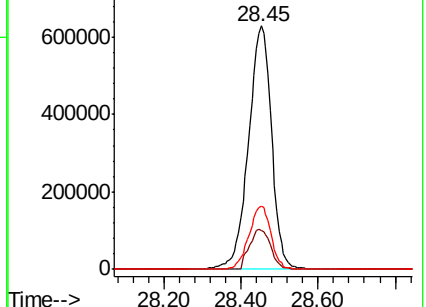
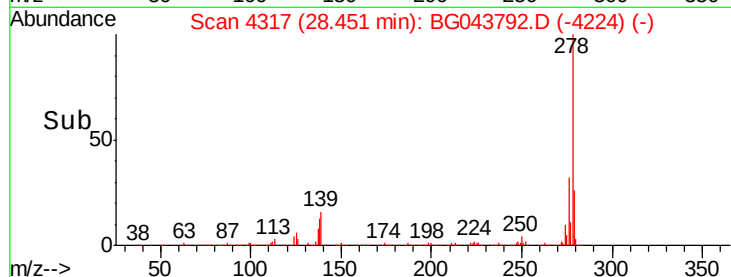
279 25.9 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 59.414 ng

RT: 29.50 min Scan# 4496

Delta R.T. 0.02 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

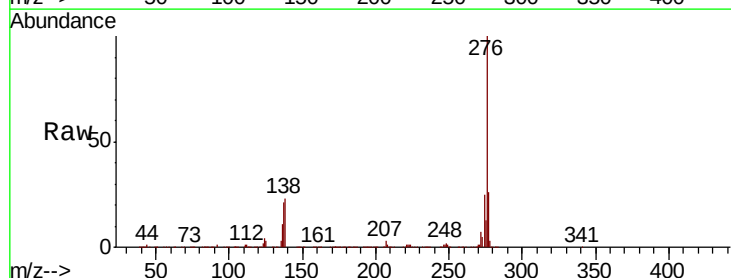
Tgt Ion:276 Resp: 2582560

Ion Ratio Lower Upper

276 100

277 25.6 19.3 28.9

138 23.4 17.6 26.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

