

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043817.D
 Acq On : 17 Dec 2019 13:12
 Operator : JU
 Sample : PB125466BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 17 15:16:35 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 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	111929	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	519342	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	385001	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	898823	20.00	ng	0.00
76) Chrysene-d12	21.63	240	757324	20.00	ng	0.00
87) Perylene-d12	24.79	264	795477	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	812626	137.56	ng	0.01
7) Phenol-d6	7.17	99	1118205	131.25	ng	0.02
23) Nitrobenzene-d5	9.16	82	700116	75.69	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	464799	126.63	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1655661	75.54	ng	0.00
79) Terphenyl-d14	19.99	244	2422135	76.94	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	110514	40.398	ng	98
3) Pyridine	3.88	79	271623	35.932	ng	99
4) n-Nitrosodimethylamine	3.79	42	147376	40.661	ng	# 94
6) Aniline	7.33	93	398085	35.314	ng	97
8) 2-Chlorophenol	7.57	128	352759	51.241	ng	98
9) Benzaldehyde	7.14	77	236651	56.982	ng	96
10) Phenol	7.20	94	448822	51.027	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	316880	42.457	ng	96
12) 1,3-Dichlorobenzene	7.90	146	344018	41.700	ng	98
13) 1,4-Dichlorobenzene	8.04	146	347517	42.142	ng	99
14) 1,2-Dichlorobenzene	8.36	146	329215	41.435	ng	96
15) Benzyl Alcohol	8.24	79	323426	47.703	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	481435	40.248	ng	99
17) 2-Methylphenol	8.45	107	321561	51.215	ng	99
18) Hexachloroethane	9.10	117	125606	41.917	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	273033	41.919	ng	99
20) 3+4-Methylphenols	8.77	107	451210	51.610	ng	96
22) Acetophenone	8.83	105	485167	37.459	ng	# 98
24) Nitrobenzene	9.20	77	381257	40.466	ng	97
25) Isophorone	9.73	82	743626	40.255	ng	99
26) 2-Nitrophenol	9.91	139	190995	51.178	ng	98
27) 2,4-Dimethylphenol	9.98	122	360708	55.257	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	470251	39.769	ng	99
29) 2,4-Dichlorophenol	10.45	162	387691	48.363	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	363771	38.335	ng	99
31) Naphthalene	10.86	128	1032366	41.428	ng	99
32) Benzoic acid	10.11	122	204945	45.566	ng	97
33) 4-Chloroaniline	10.96	127	290038	24.005	ng	98
34) Hexachlorobutadiene	11.16	225	213356	37.107	ng	97
35) Caprolactam	11.73	113	104561	33.236	ng	99
36) 4-Chloro-3-methylphenol	12.09	107	417992	48.434	ng	97
37) 2-Methylnaphthalene	12.46	142	810498	41.963	ng	99
38) 1-Methylnaphthalene	12.68	142	777266	42.320	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	418739	36.195	ng	99

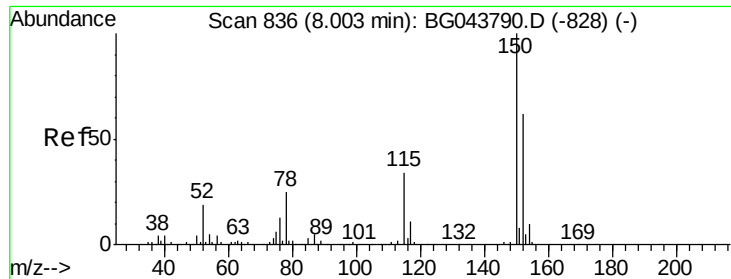
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043817.D
 Acq On : 17 Dec 2019 13:12
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	513336	94.535	ng	99
43) 2,4,6-Trichlorophenol	13.07	196	336887	45.815	ng	100
44) 2,4,5-Trichlorophenol	13.14	196	369696	47.989	ng	98
46) 1,1'-Biphenyl	13.47	154	1050576	39.581	ng	99
47) 2-Chloronaphthalene	13.51	162	840304	38.726	ng	99
48) 2-Nitroaniline	13.70	65	279002	43.598	ng	97
49) Acenaphthylene	14.35	152	1370354	42.395	ng	99
50) Dimethylphthalate	14.09	163	1125714	40.966	ng	99
51) 2,6-Dinitrotoluene	14.20	165	268160	45.283	ng	95
52) Acenaphthene	14.70	154	964778	45.371	ng	96
53) 3-Nitroaniline	14.53	138	199201	29.395	ng	94
54) 2,4-Dinitrophenol	14.73	184	271494	101.029	ng	92
55) Dibenzofuran	15.03	168	1322620	42.020	ng	100
56) 4-Nitrophenol	14.84	139	508721	102.898	ng	98
57) 2,4-Dinitrotoluene	14.98	165	376466	47.048	ng	98
58) Fluorene	15.68	166	1072385	42.268	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.18	232	326318	47.210	ng	97
60) Diethylphthalate	15.46	149	1136604	41.409	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	584360	41.127	ng	98
62) 4-Nitroaniline	15.69	138	285377	40.643	ng	99
63) Azobenzene	15.96	77	1066453	42.292	ng	100
65) 4,6-Dinitro-2-methylphenol	15.75	198	192870	54.110	ng	99
66) n-Nitrosodiphenylamine	15.89	169	1022389	40.926	ng	99
67) 4-Bromophenyl-phenylether	16.57	248	371393	38.648	ng	95
68) Hexachlorobenzene	16.69	284	386503	37.922	ng	98
69) Atrazine	16.83	200	407728	51.196	ng	99
70) Pentachlorophenol	17.03	266	489329	90.257	ng	98
71) Phenanthrene	17.42	178	1725189	40.544	ng	100
72) Anthracene	17.51	178	1770199	42.027	ng	98
73) Carbazole	17.77	167	1625620	41.287	ng	98
74) Di-n-butylphthalate	18.34	149	1873658	41.511	ng	99
75) Fluoranthene	19.43	202	1976593	40.587	ng	98
77) Benzidine	19.60	184	875395	52.984	ng	98
78) Pyrene	19.78	202	1994722	40.304	ng	99
80) Butylbenzylphthalate	20.68	149	893651	43.355	ng	100
81) Benzo(a)anthracene	21.61	228	1923600	40.244	ng	98
82) 3,3'-Dichlorobenzidine	21.53	252	568989	32.224	ng	99
83) Chrysene	21.68	228	1850803	40.642	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	1230062	41.604	ng	98
85) Di-n-octyl phthalate	22.74	149	2137006	44.213	ng	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1980517	33.979	ng	97
88) Benzo(b)fluoranthene	23.80	252	1969874	43.010	ng	100
89) Benzo(k)fluoranthene	23.86	252	1911713	43.209	ng	99
90) Benzo(a)pyrene	24.64	252	1854796	42.495	ng	98
91) Dibenzo(a,h)anthracene	28.46	278	1681927	38.579	ng	99
92) Benzo(g,h,i)perylene	29.50	276	1618338	37.616	ng	100

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

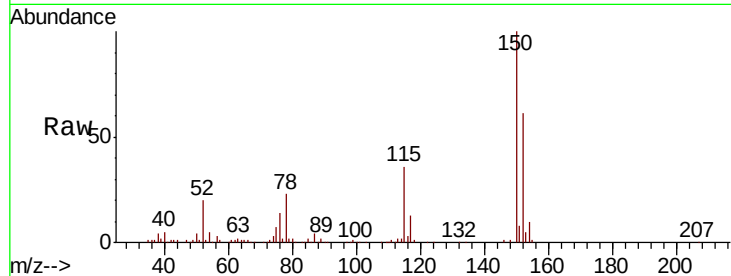


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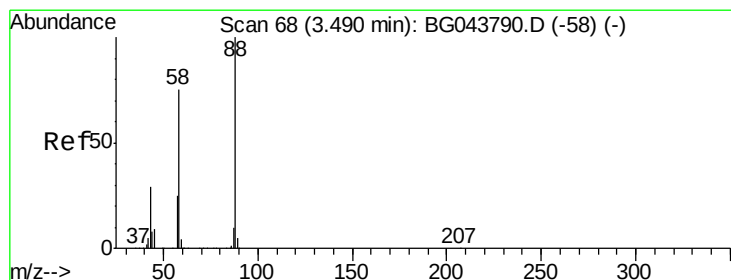
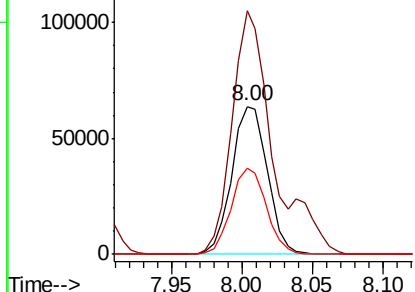
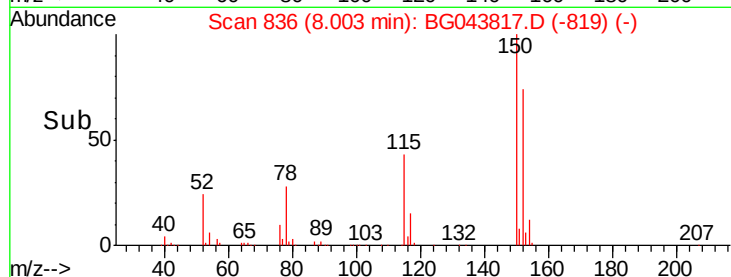
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.3	128.6	192.8
115	58.3	44.3	66.5



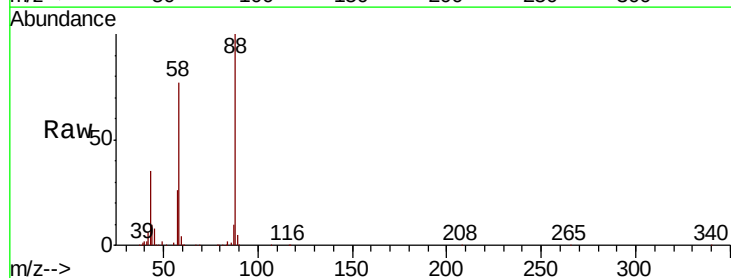
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



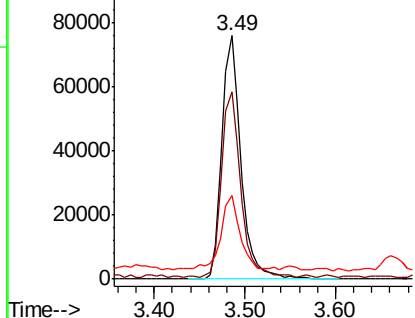
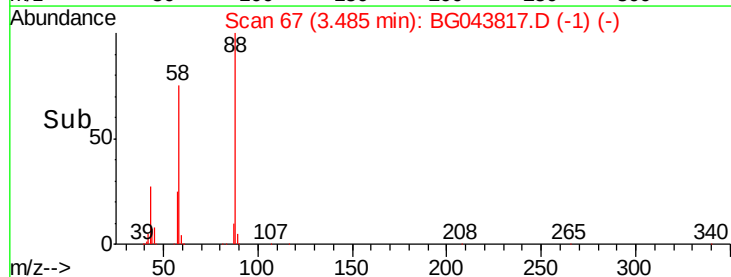
#2

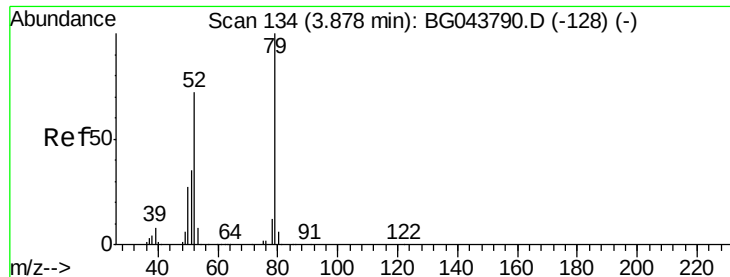
1,4-Dioxane
Concen: 40.398 ng
RT: 3.49 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.3	62.2	93.4
43	30.0	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: 35.932 ng

RT: 3.88 min Scan# 134

Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampleId :

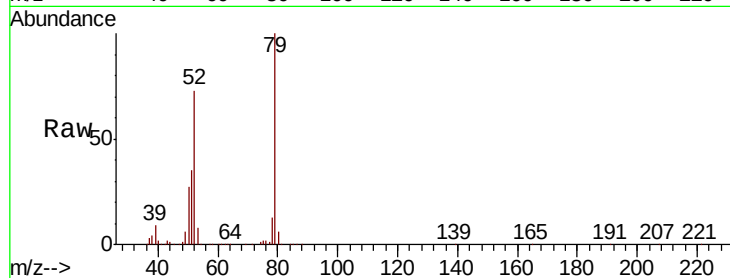
Tot Ion: 79 Resp: 271623

Ion Ratio Lower Upper

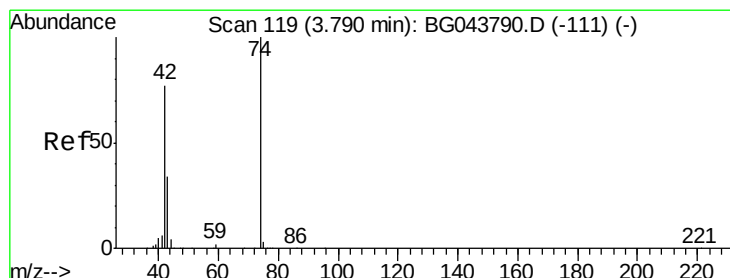
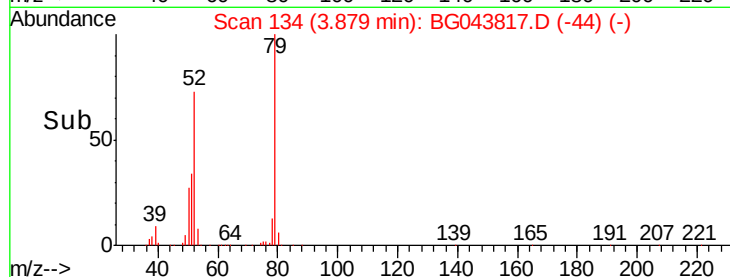
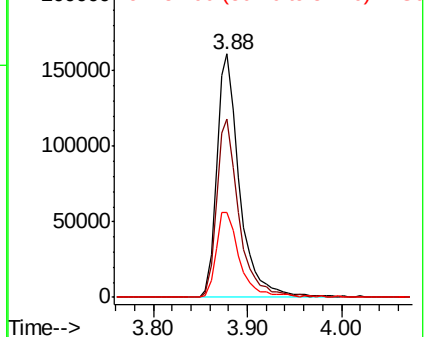
79 100

52 73.5 57.6 86.4

51 34.7 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: 40.661 ng

RT: 3.79 min Scan# 119

Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

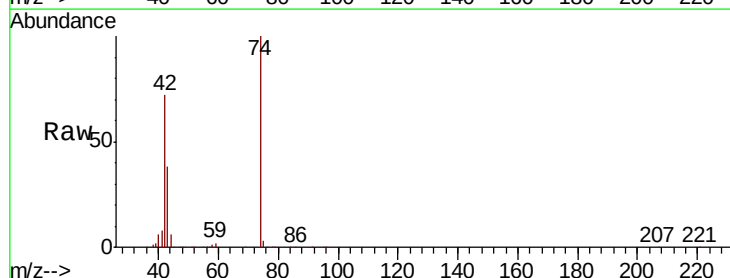
Tgt Ion: 42 Resp: 147376

Ion Ratio Lower Upper

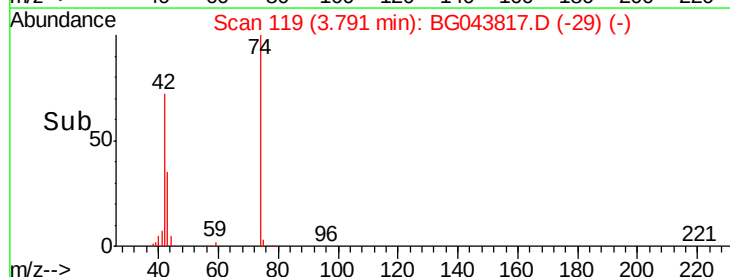
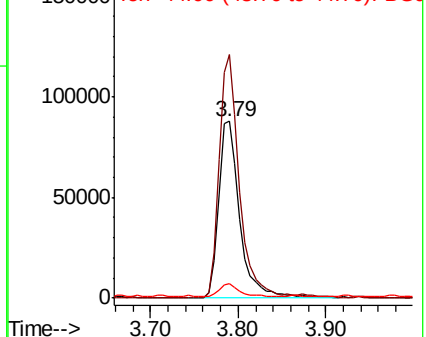
42 100

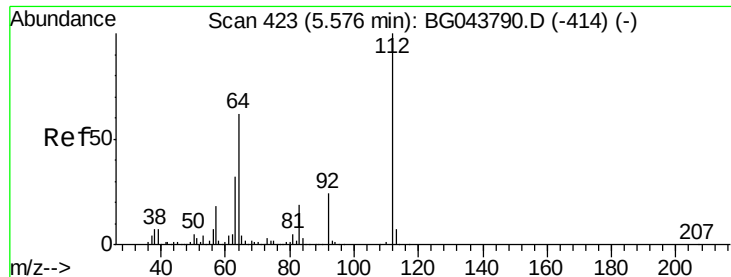
74 138.0 104.2 156.4

44 8.6 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: 137.561 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampleId :

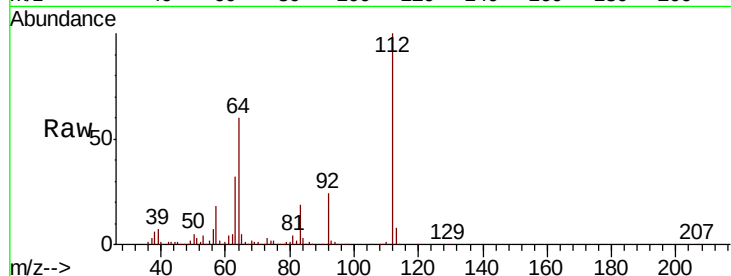
Tot Ion:112 Resp: 812626

Ion Ratio Lower Upper

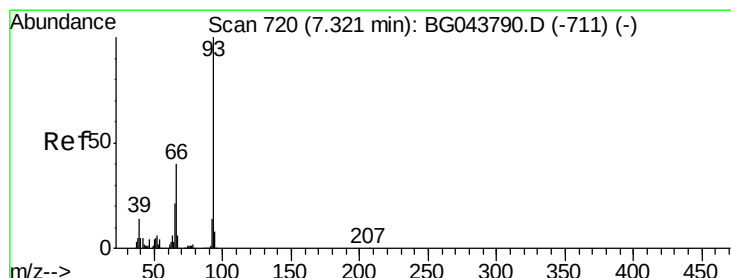
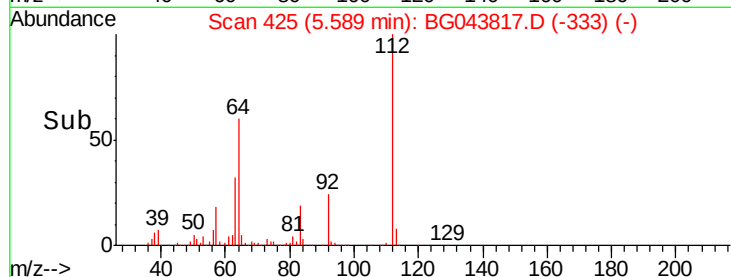
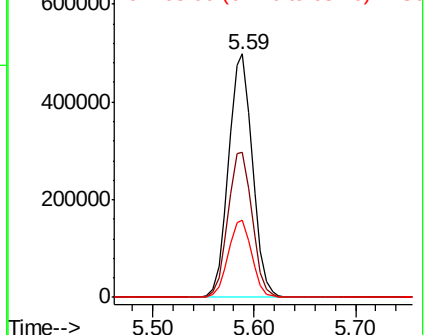
112 100

64 59.6 49.9 74.9

63 31.5 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: 35.314 ng

RT: 7.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

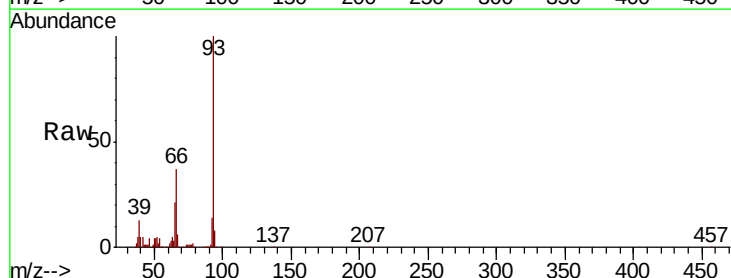
Tgt Ion: 93 Resp: 398085

Ion Ratio Lower Upper

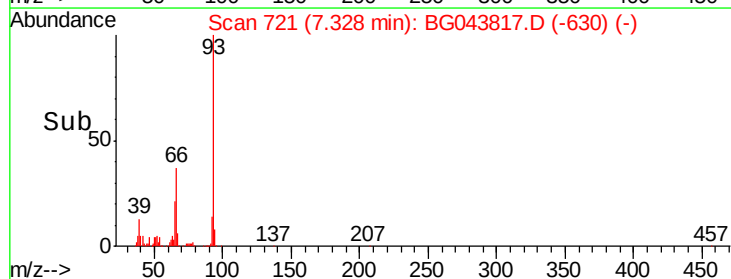
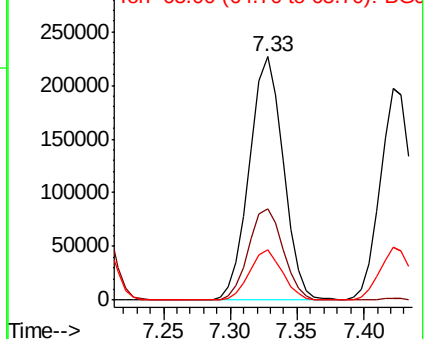
93 100

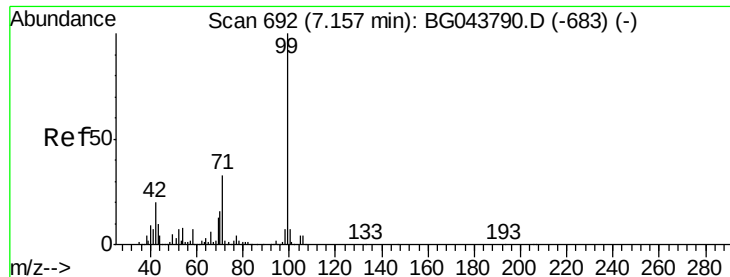
66 37.5 31.9 47.9

65 20.5 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: 131.251 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.02 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

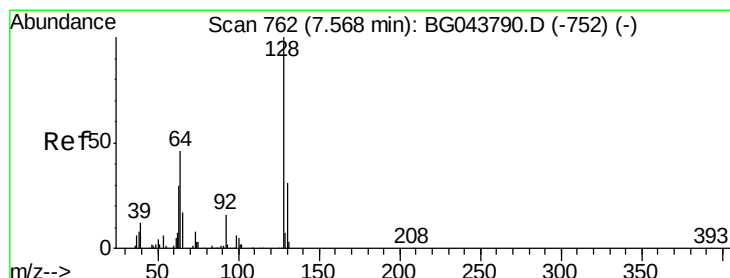
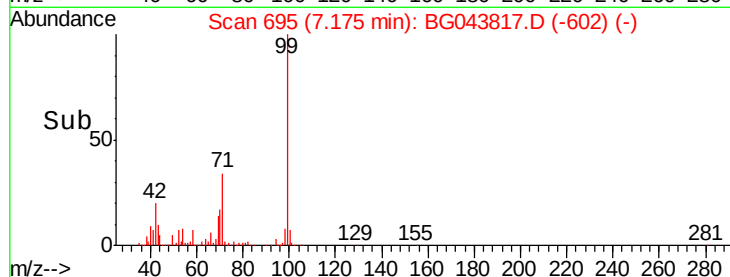
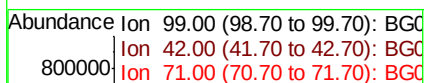
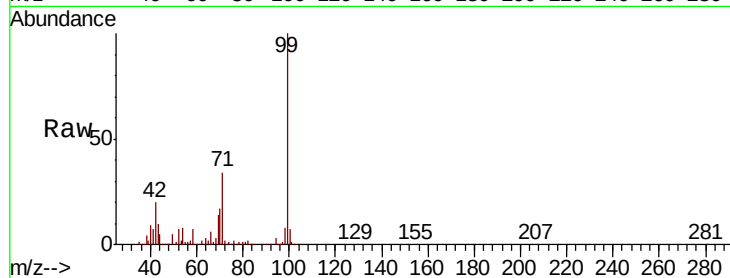
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1118205

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.2	24.2
71	33.7	26.6	40.0



#8

2-Chlorophenol

Concen: 51.241 ng

RT: 7.57 min Scan# 763

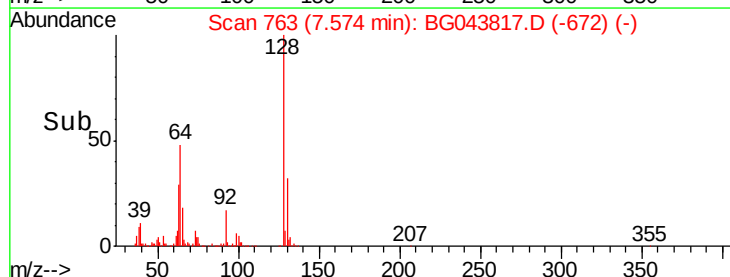
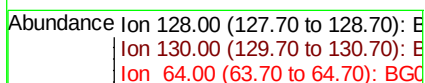
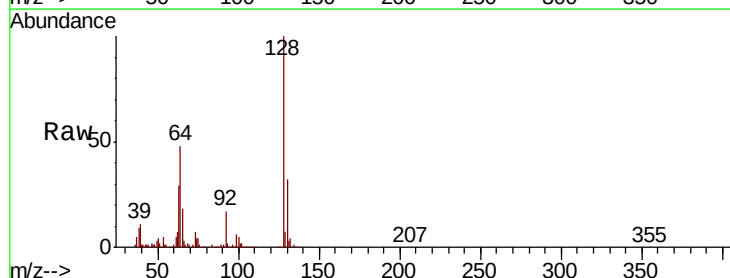
Delta R.T. 0.01 min

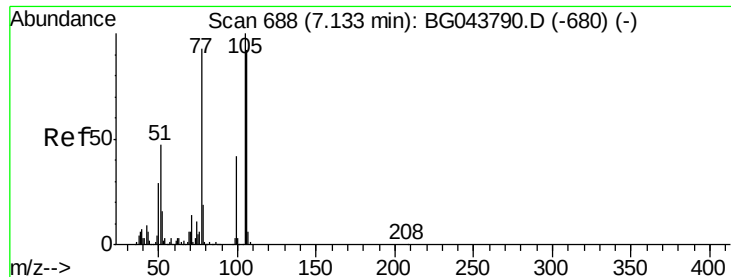
Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Tgt Ion: 128 Resp: 352759

Ion	Ratio	Lower	Upper
128	100		
130	32.0	11.1	51.1
64	47.9	26.5	66.5





#9

Benzaldehyde

Concen: 56.982 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampled :

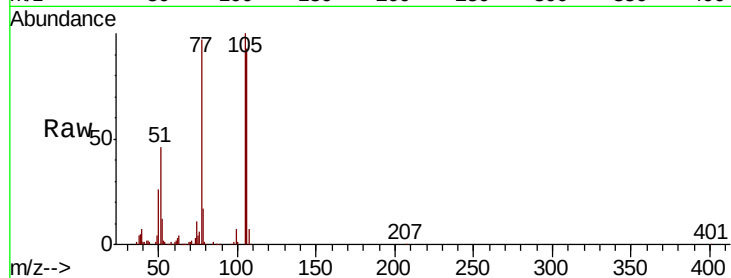
Tot Ion: 77 Resp: 236651

Ion Ratio Lower Upper

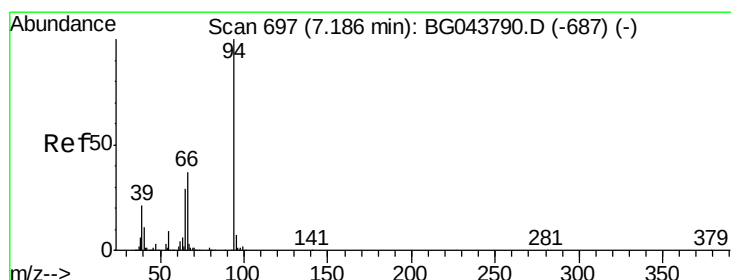
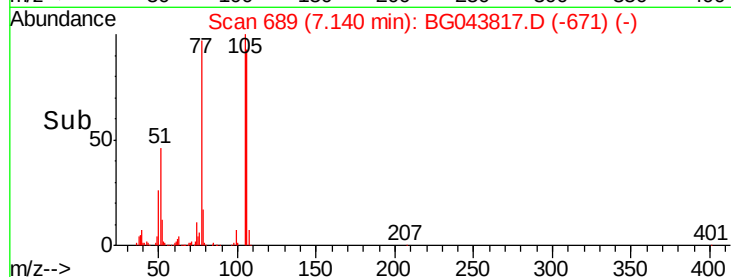
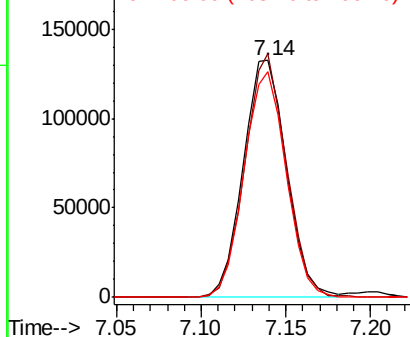
77 100

105 102.8 87.1 127.1

106 95.2 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: 51.027 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

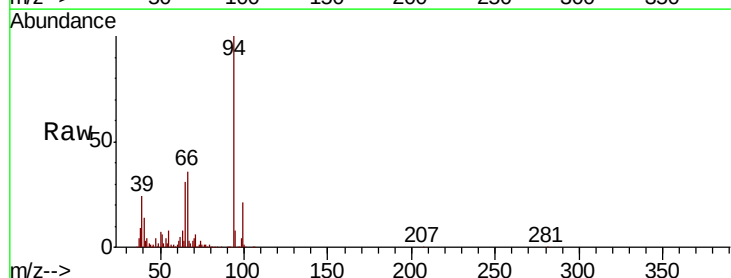
Tgt Ion: 94 Resp: 448822

Ion Ratio Lower Upper

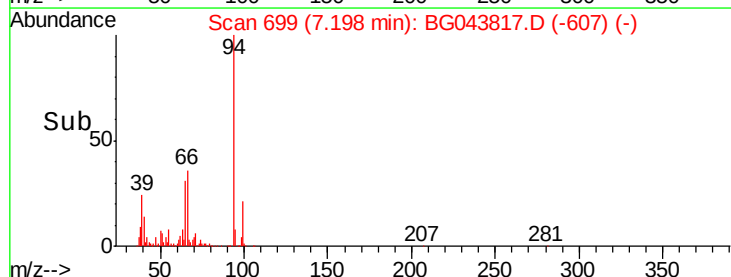
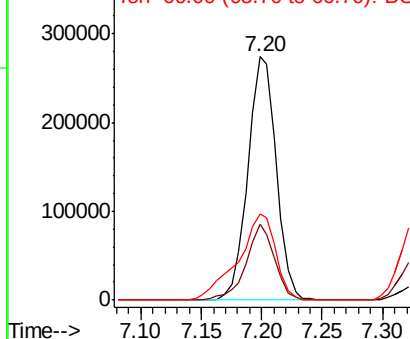
94 100

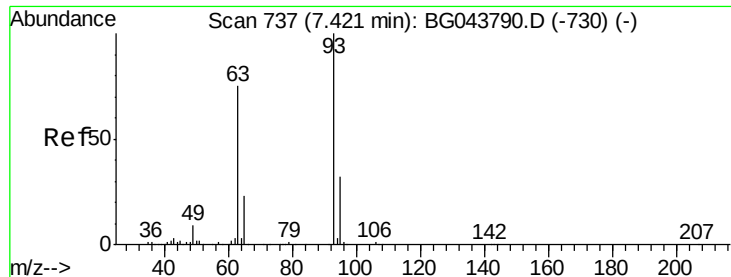
65 31.1 9.5 49.5

66 35.6 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

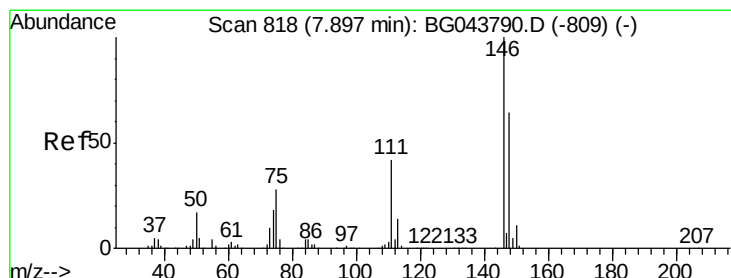
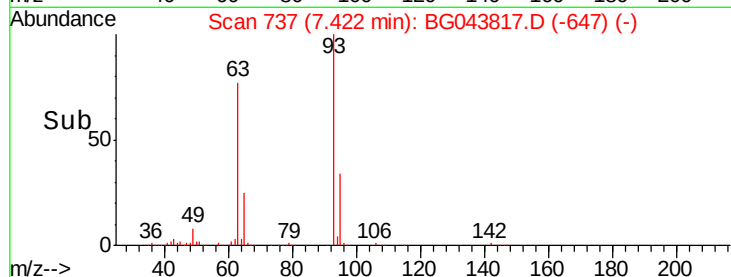
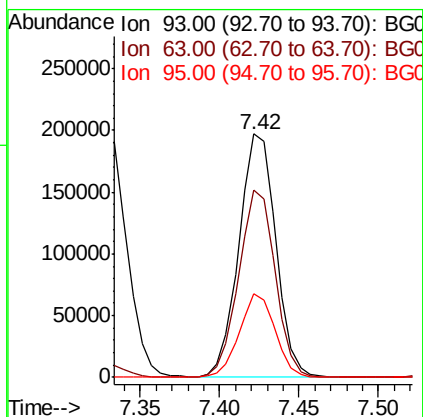
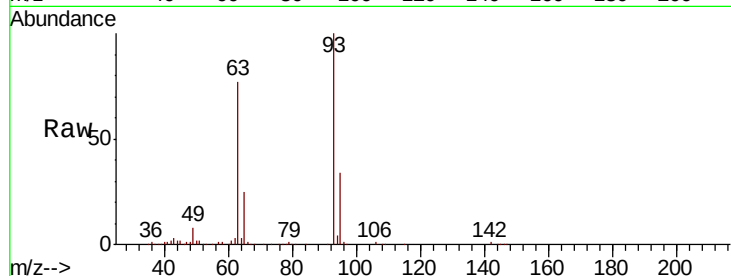




#11
bis(2-Chloroethyl)ether
Concen: 42.457 ng
RT: 7.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

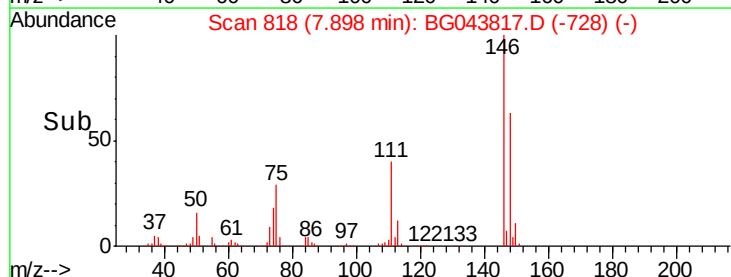
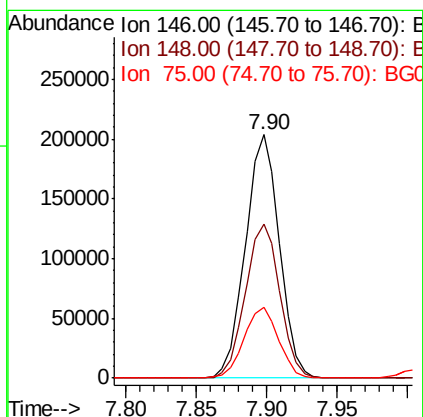
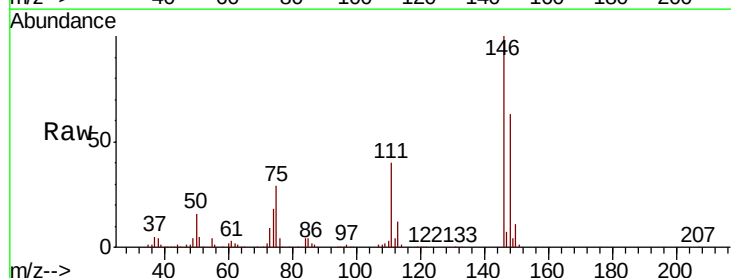
Instrument :
BNA_G
ClientSampleId :

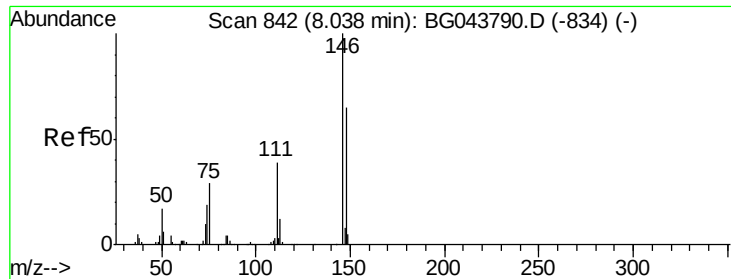
Tot Ion: 93 Resp: 316880
Ion Ratio Lower Upper
93 100
63 77.0 54.7 94.7
95 34.4 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 41.700 ng
RT: 7.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion: 146 Resp: 344018
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.2
75 29.1 22.4 33.6

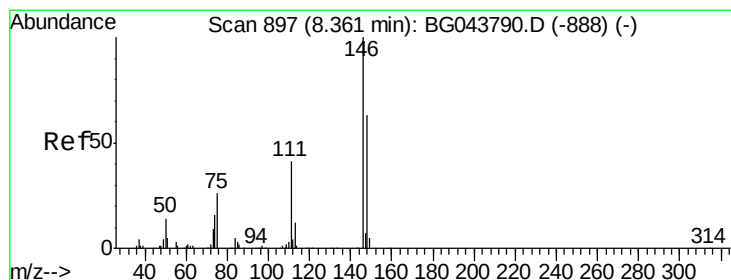
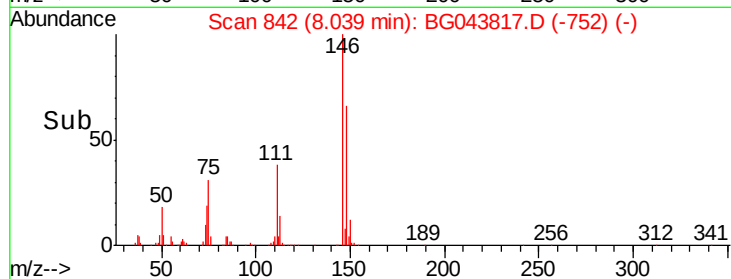
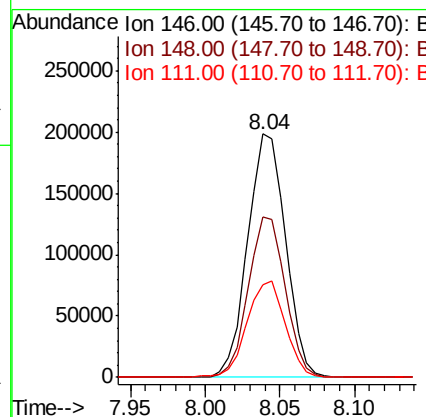
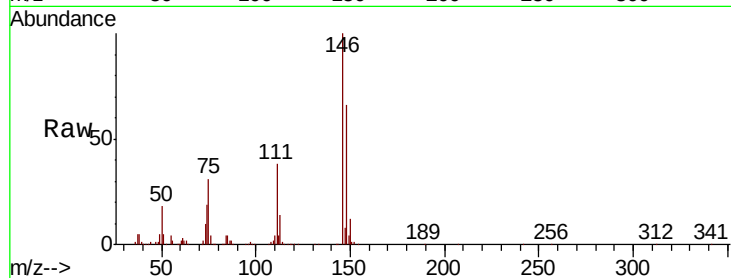




#13
 1,4-Dichlorobenzene
 Concen: 42.142 ng
 RT: 8.04 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

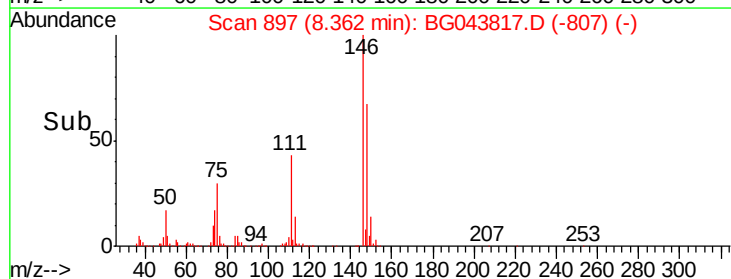
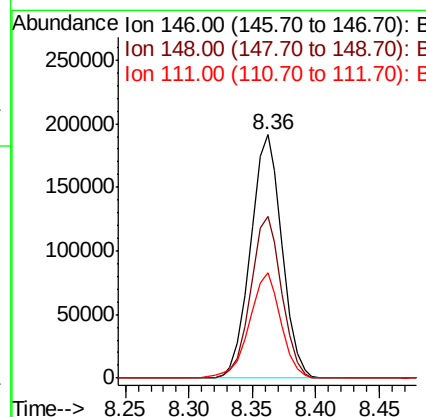
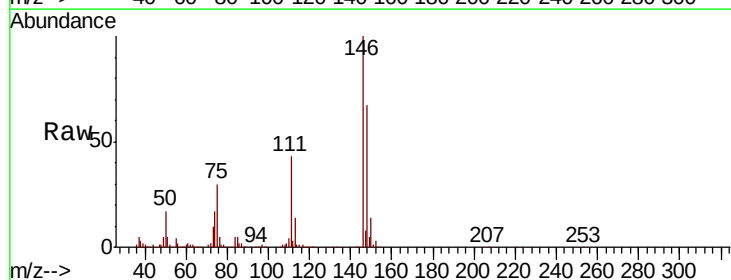
Instrument :
 BNA_G
 ClientSampleId :

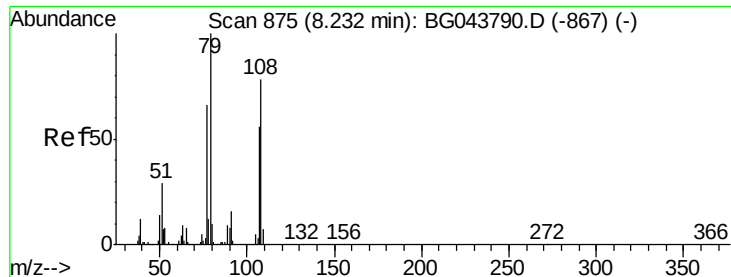
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.8	77.8
111	38.3	31.4	47.2



#14
 1,2-Dichlorobenzene
 Concen: 41.435 ng
 RT: 8.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	50.2	75.2
111	43.4	33.4	50.2





#15

Benzyl Alcohol

Concen: 47.703 ng

RT: 8.24 min Scan# 876

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampleId :

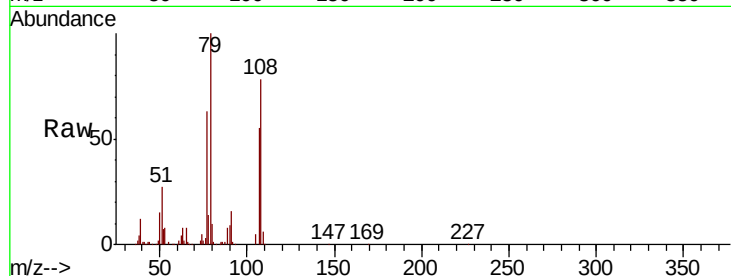
Tot Ion: 79 Resp: 323426

Ion Ratio Lower Upper

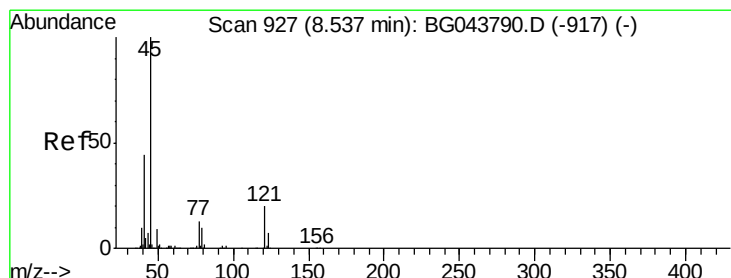
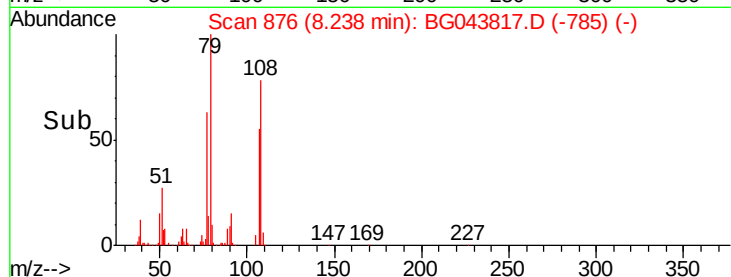
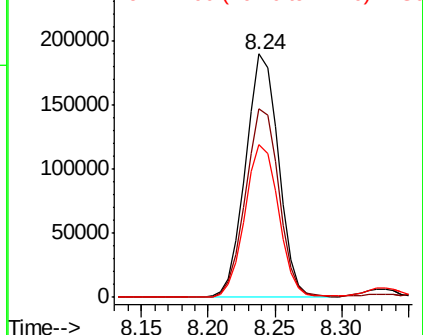
79 100

108 77.7 62.2 93.2

77 62.7 52.8 79.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.248 ng

RT: 8.54 min Scan# 927

Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

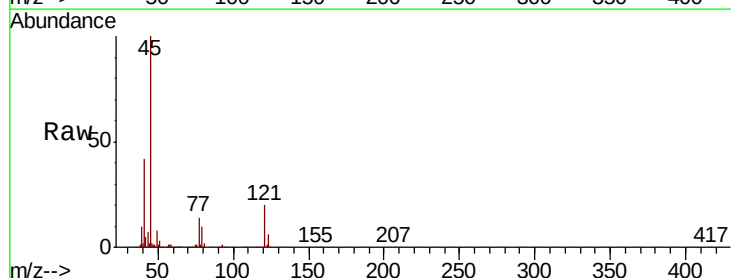
Tgt Ion: 45 Resp: 481435

Ion Ratio Lower Upper

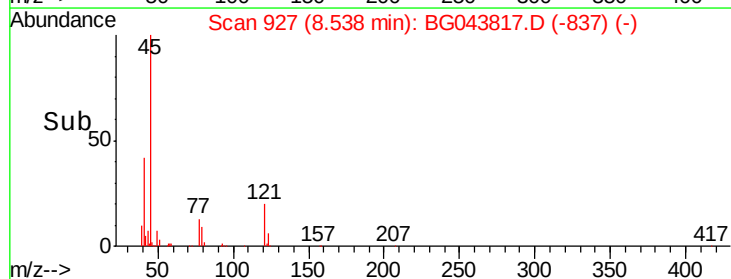
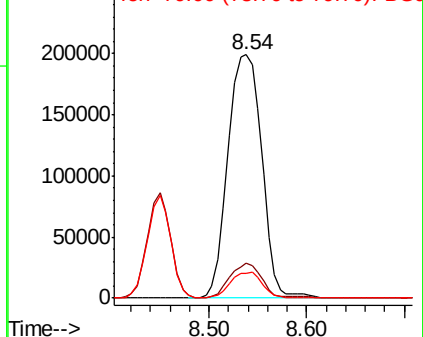
45 100

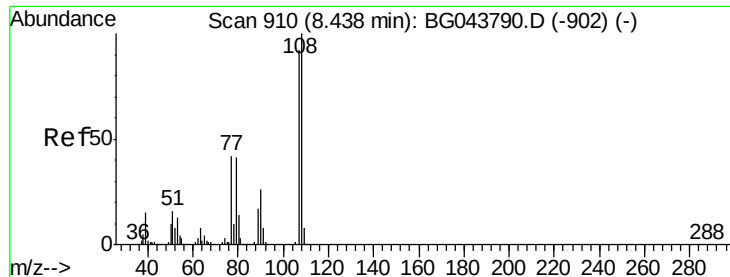
77 14.1 0.0 33.6

79 10.0 0.0 29.9



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





#17

2-Methylphenol

Concen: 51.215 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 321561

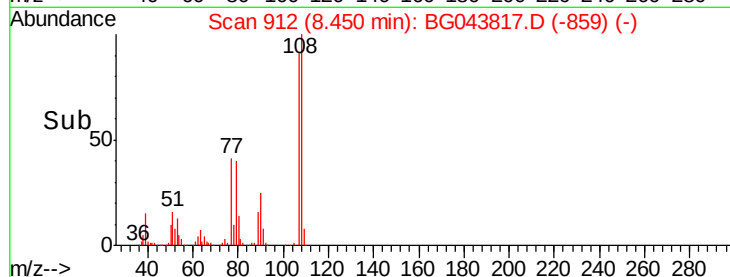
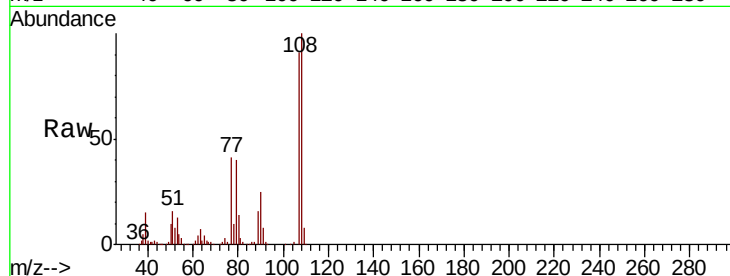
Ion Ratio Lower Upper

107 100

108 109.9 87.2 130.8

77 44.7 36.6 54.8

79 43.5 35.5 53.3

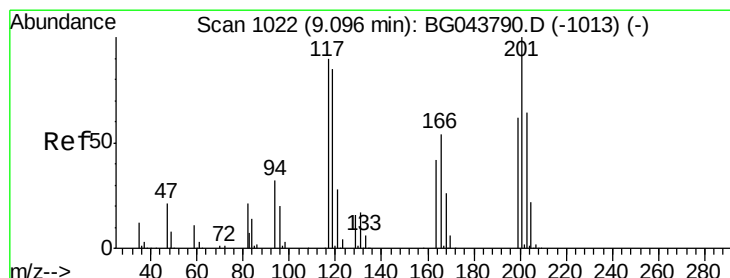
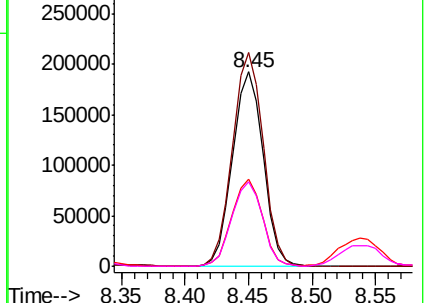


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.917 ng

RT: 9.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

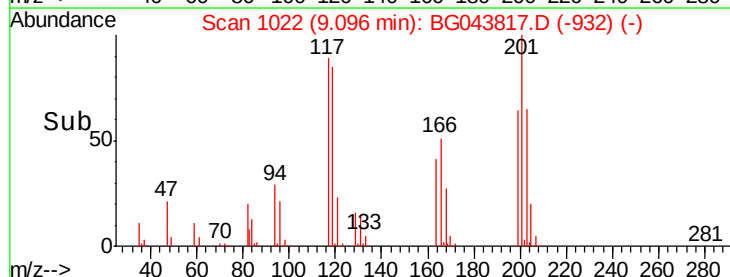
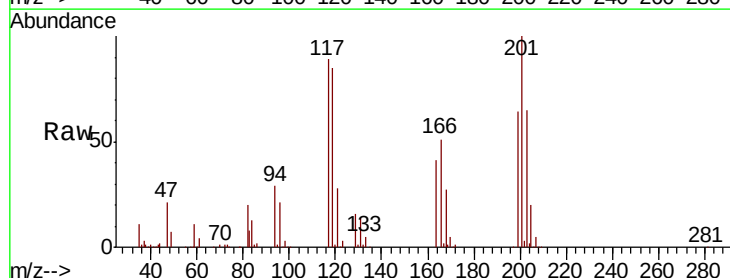
Tgt Ion:117 Resp: 125606

Ion Ratio Lower Upper

117 100

119 96.0 75.6 113.4

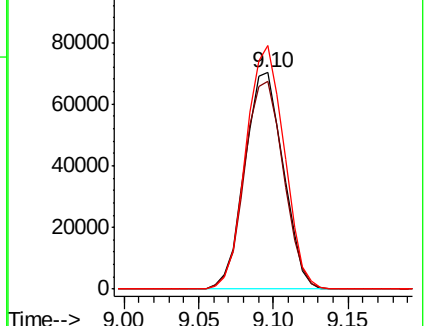
201 112.4 88.6 133.0

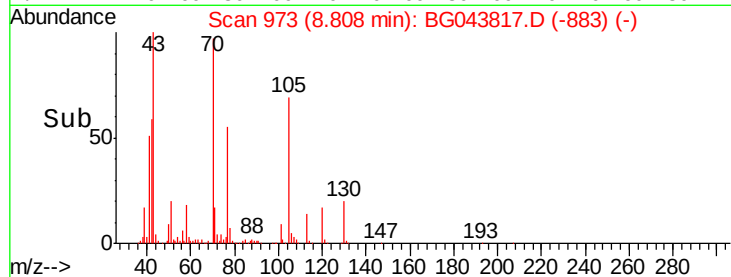
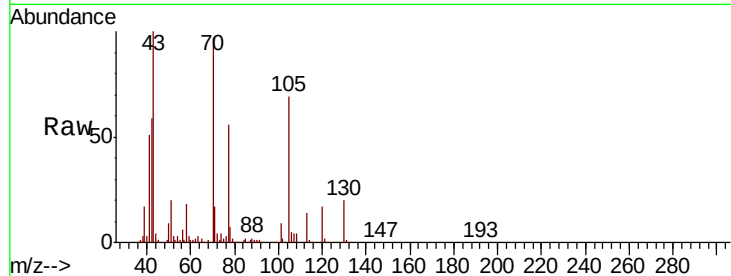
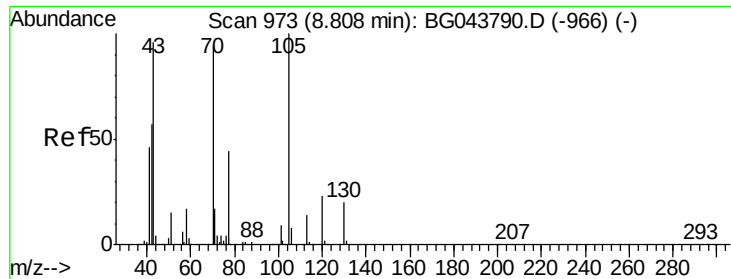


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.919 ng

RT: 8.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 273033

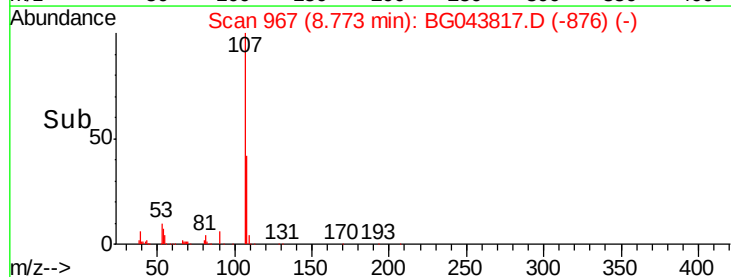
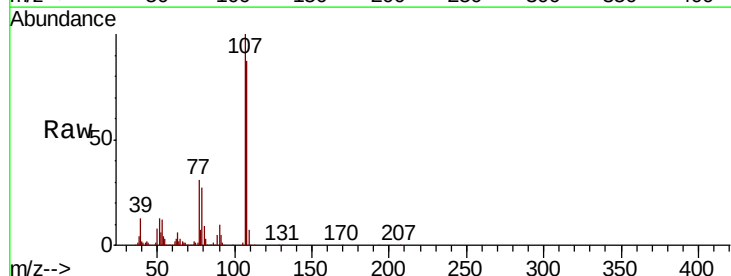
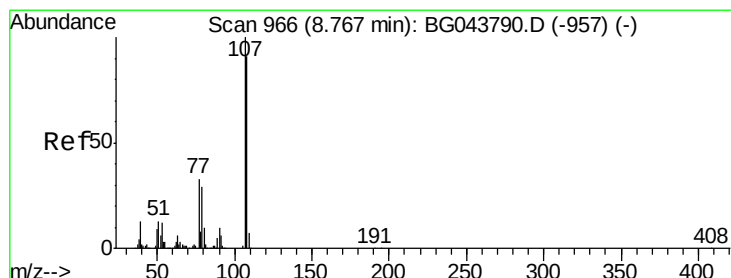
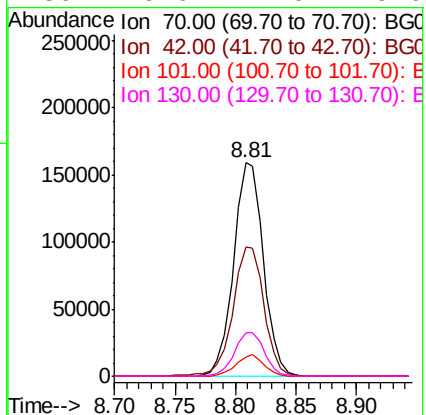
Ion Ratio Lower Upper

70 100

42 60.8 49.2 73.8

101 9.1 7.8 11.6

130 20.6 17.0 25.6



#20

3+4-Methylphenols

Concen: 51.610 ng

RT: 8.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Tgt Ion:107 Resp: 451210

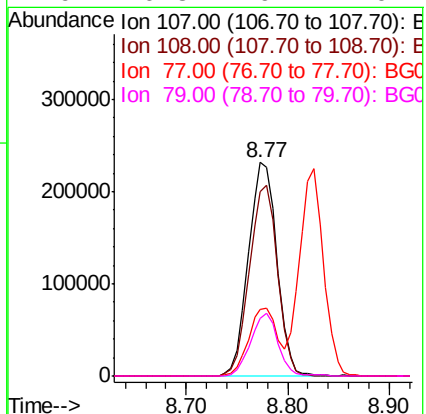
Ion Ratio Lower Upper

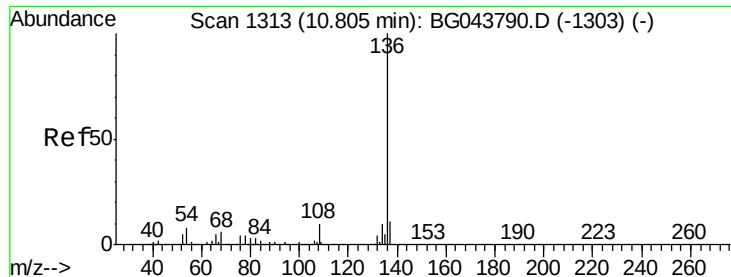
107 100

108 86.5 70.9 110.9

77 31.2 12.7 52.7

79 26.8 9.1 49.1

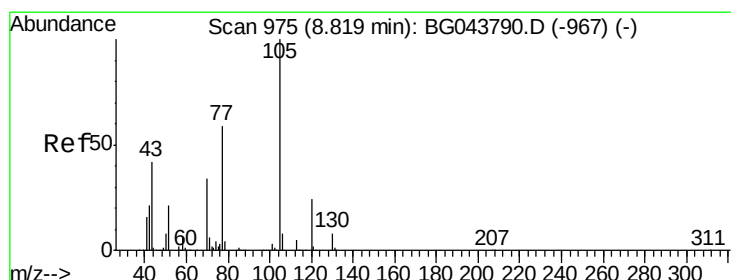
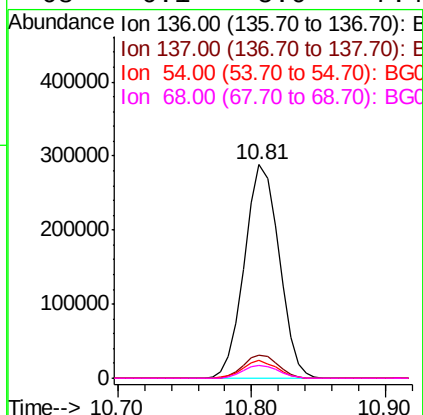
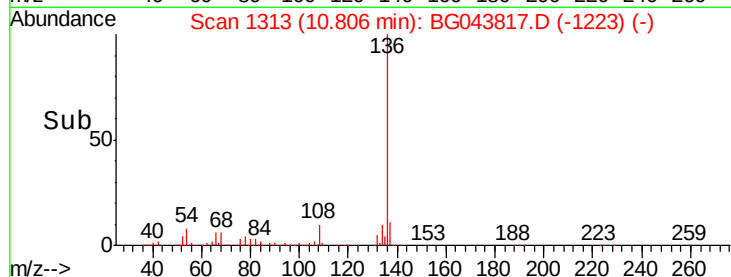
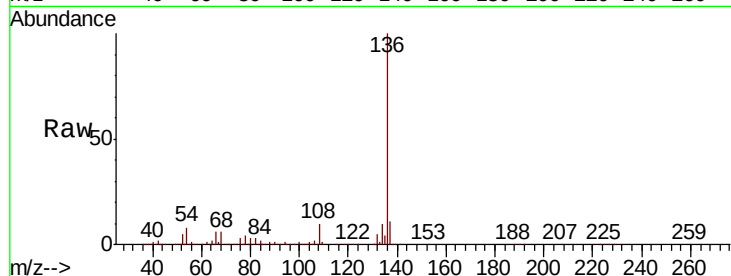




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

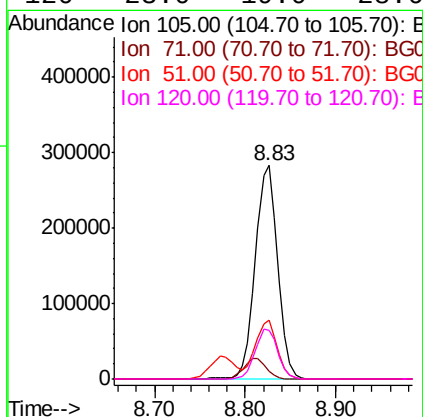
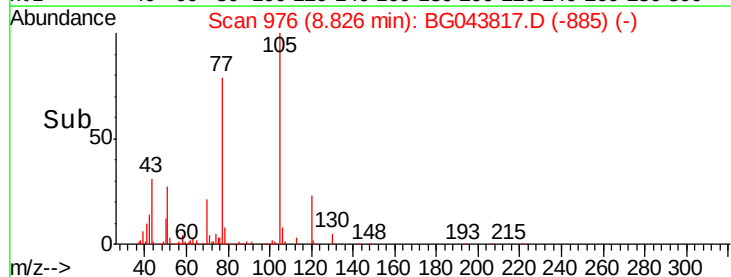
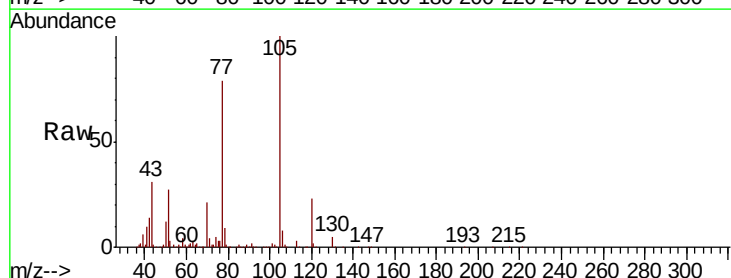
Instrument :
BNA_G
ClientSampleId :

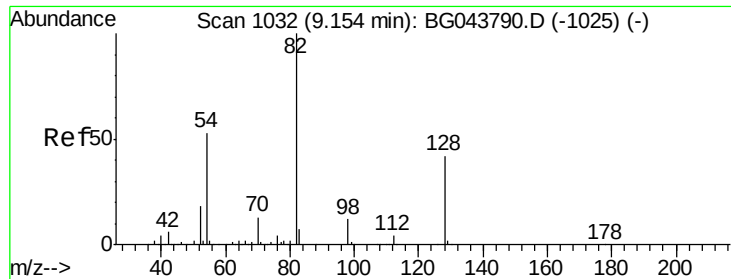
Tot Ion:136	Resp:	519342	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.7	13.1	
54 8.2	6.8	10.2	
68 6.1	5.0	7.4	



#22
Acetophenone
Concen: 37.459 ng
RT: 8.83 min Scan# 976
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt	Ion:105	Resp:	485167
Ion	Ratio	Lower	Upper
105	100		
71	3.6	4.9	7.3#
51	27.4	22.2	33.4
120	23.0	19.0	28.6





#23

Nitrobenzene-d5

Concen: 75.691 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampleId :

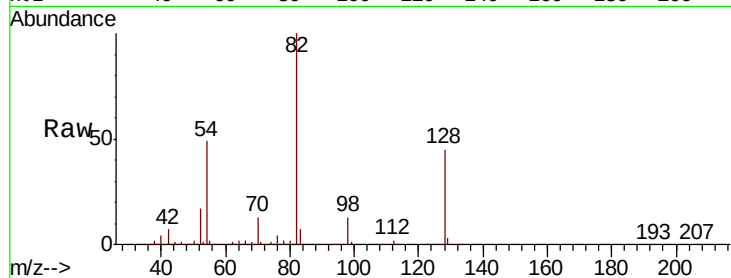
Tot Ion: 82 Resp: 700116

Ion Ratio Lower Upper

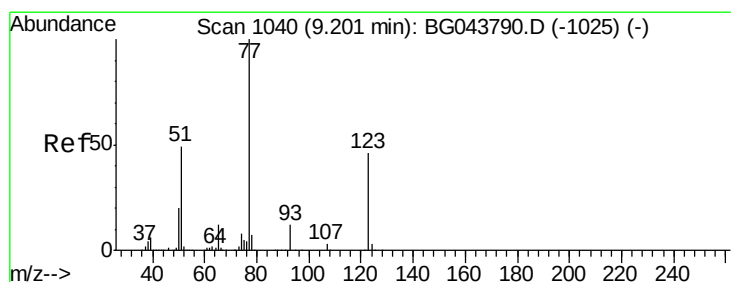
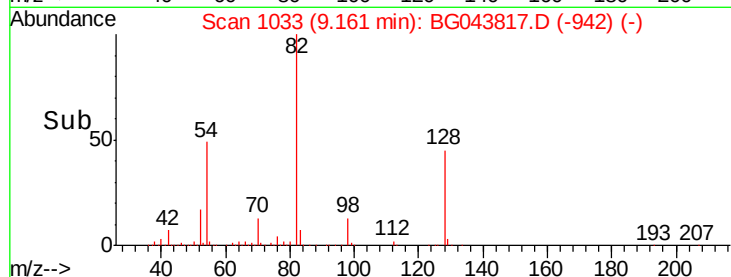
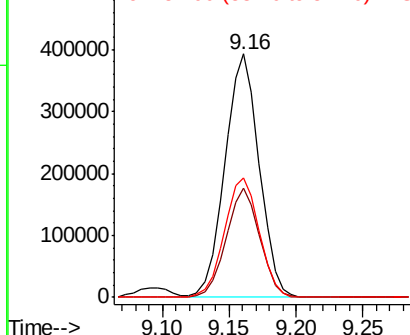
82 100

128 44.8 33.6 50.4

54 48.8 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: 40.466 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

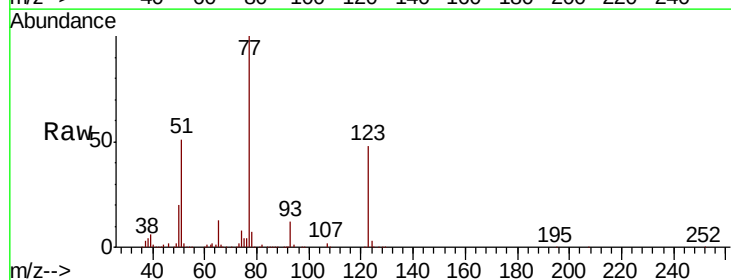
Tgt Ion: 77 Resp: 381257

Ion Ratio Lower Upper

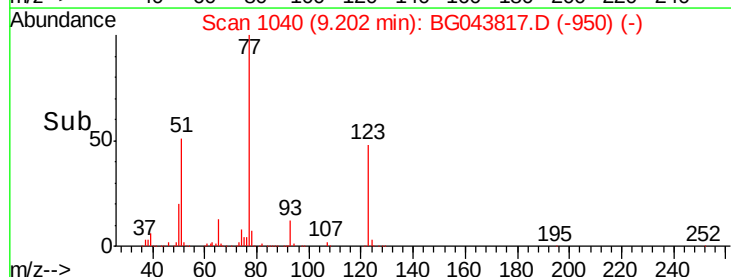
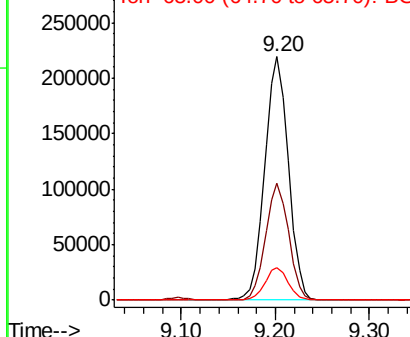
77 100

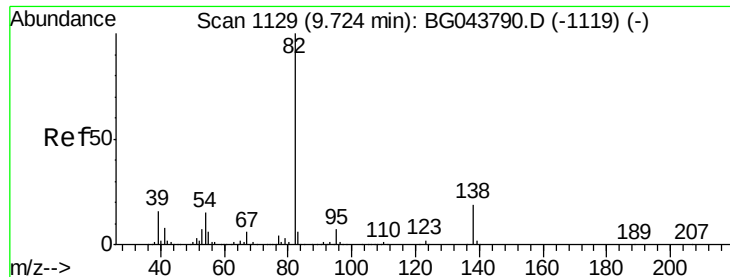
123 47.9 36.6 55.0

65 13.4 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

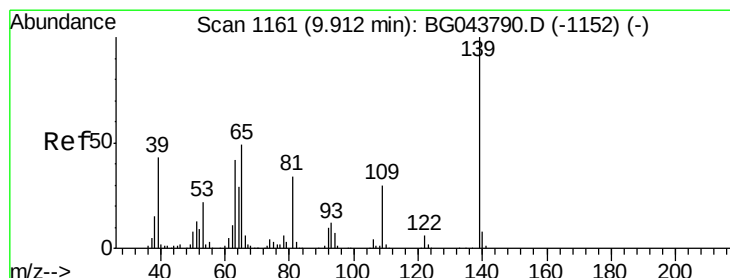
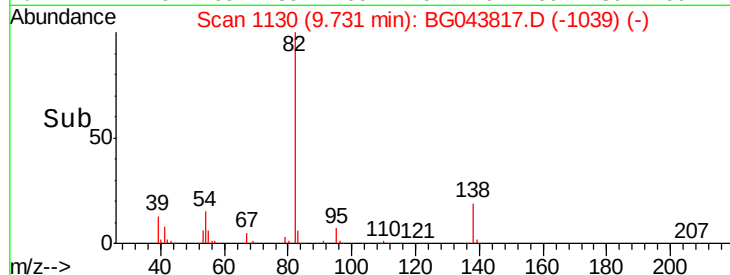
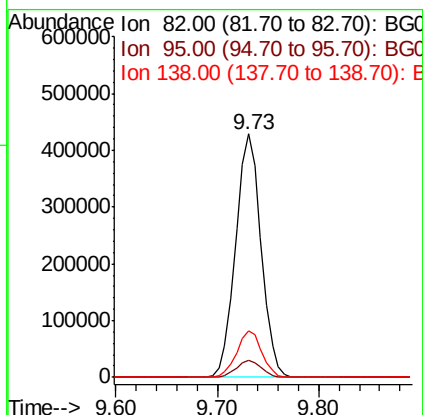
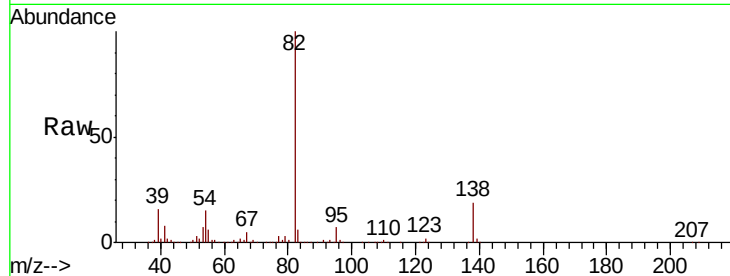




#25
Isophorone
Concen: 40.255 ng
RT: 9.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

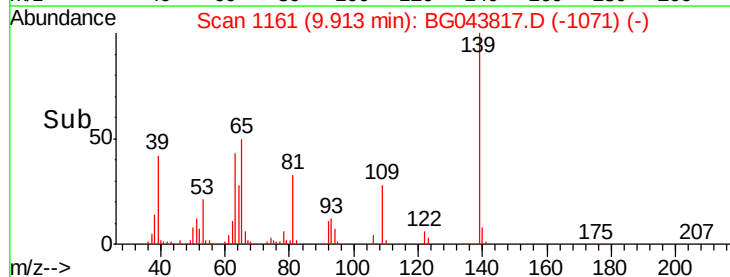
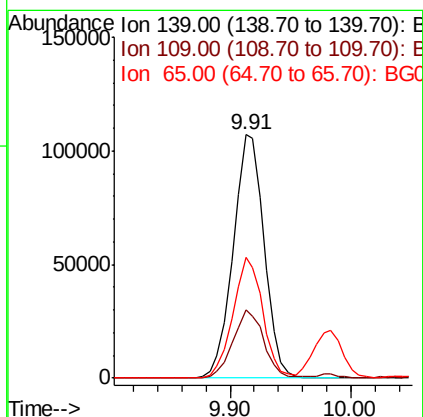
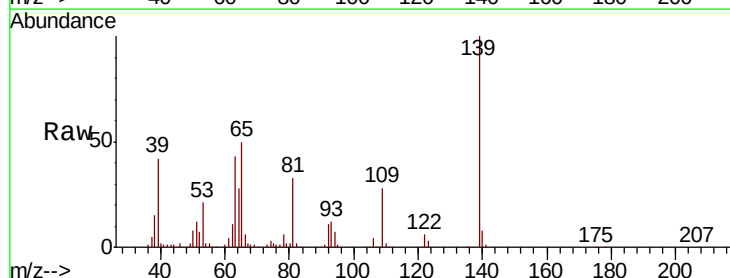
Instrument :
BNA_G
ClientSampleId :

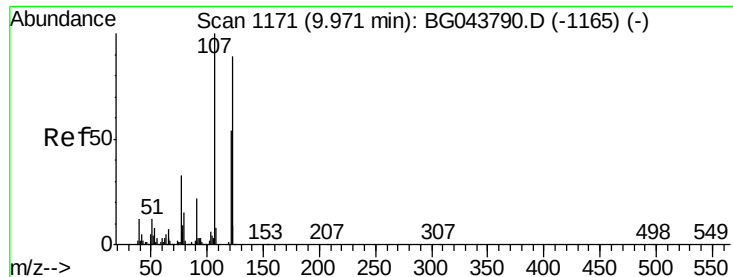
Tot Ion: 82 Resp: 743626
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 19.2 14.8 22.2



#26
2-Nitrophenol
Concen: 51.178 ng
RT: 9.91 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion: 139 Resp: 190995
Ion Ratio Lower Upper
139 100
109 27.8 23.9 35.9
65 49.8 39.3 58.9





#27

2,4-Dimethylphenol

Concen: 55.257 ng

RT: 9.98 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampleId :

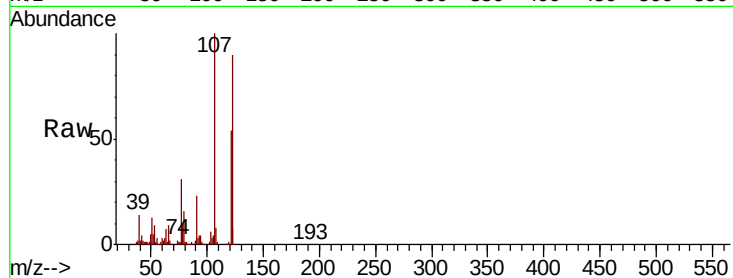
Tot Ion:122 Resp: 360708

Ion Ratio Lower Upper

122 100

107 111.4 90.0 135.0

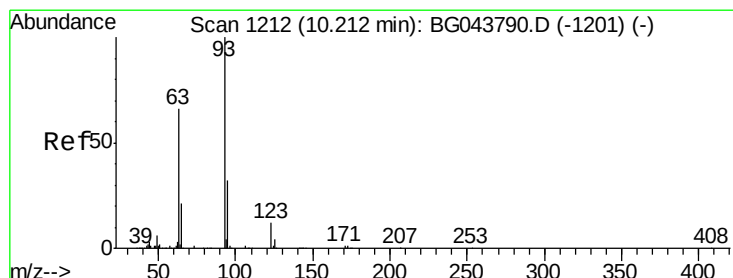
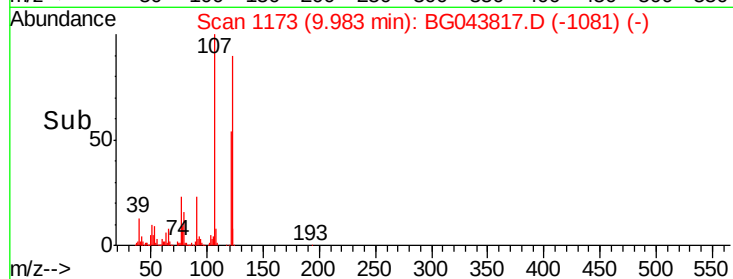
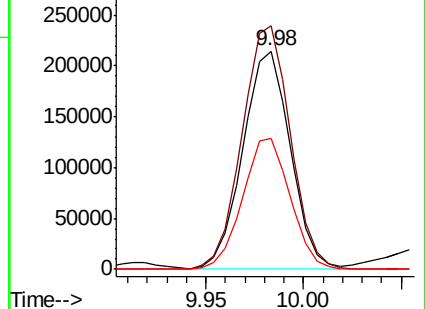
121 60.2 48.6 73.0



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: 39.769 ng

RT: 10.21 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

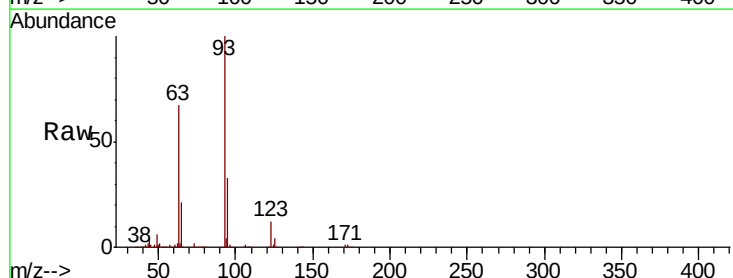
Tgt Ion: 93 Resp: 470251

Ion Ratio Lower Upper

93 100

95 32.8 25.7 38.5

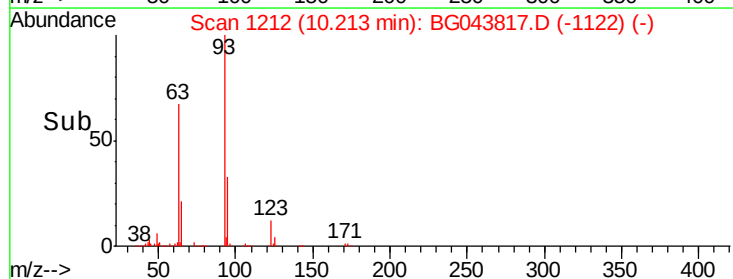
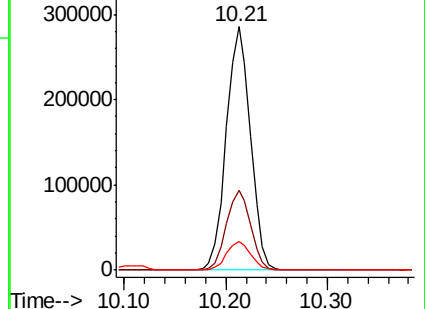
123 11.8 9.5 14.3

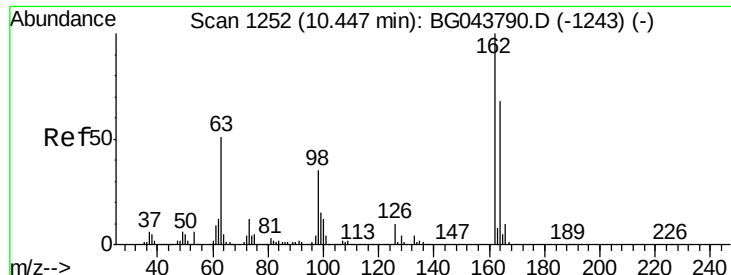


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

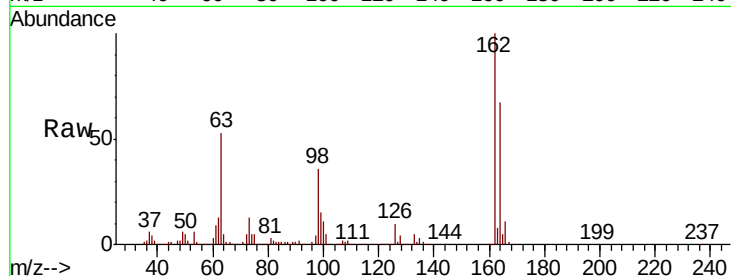




#29
 2,4-Dichlorophenol
 Concen: 48.363 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.01 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.5	48.0	88.0
98	35.6	14.9	54.9

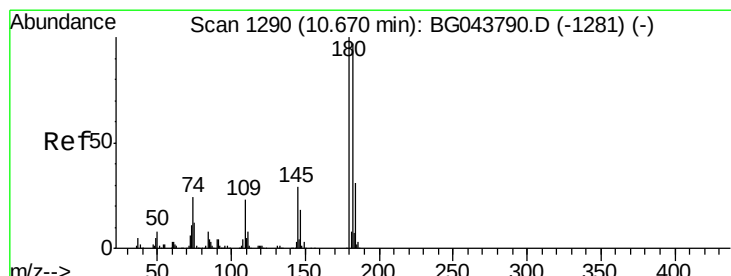
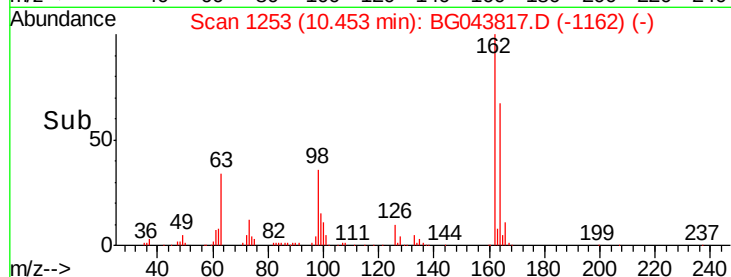
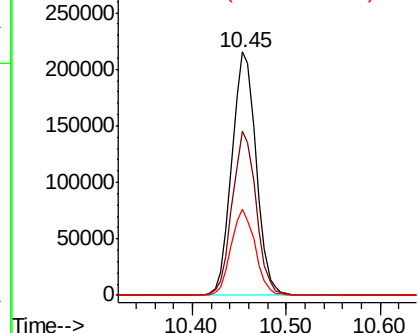


Abundance

Ion 162.00 (161.70 to 162.70): E

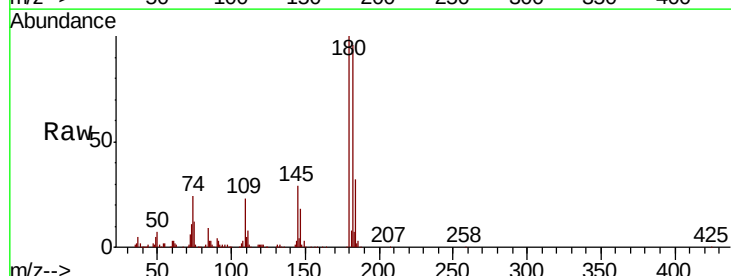
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 38.335 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.8	116.8
145	29.5	23.0	34.6

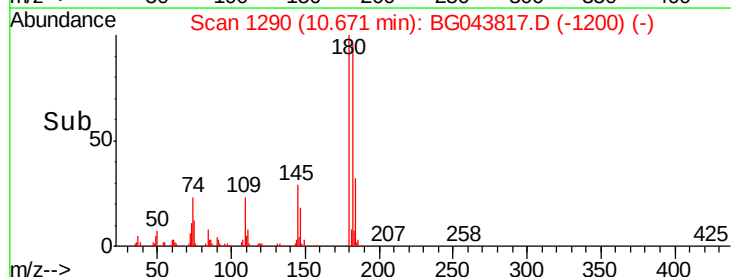
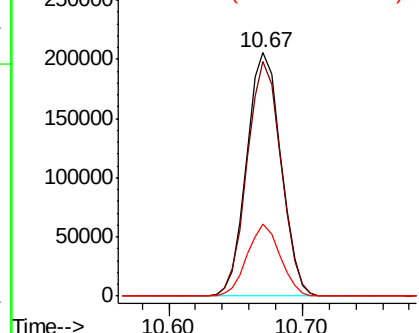


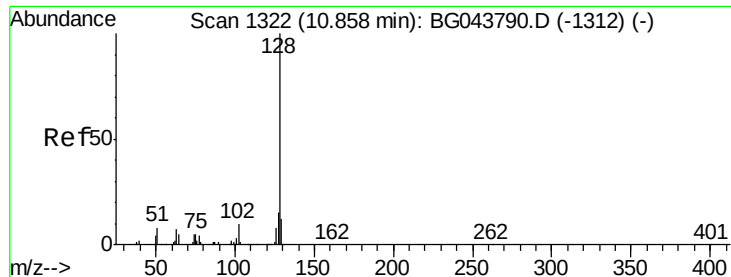
Abundance

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

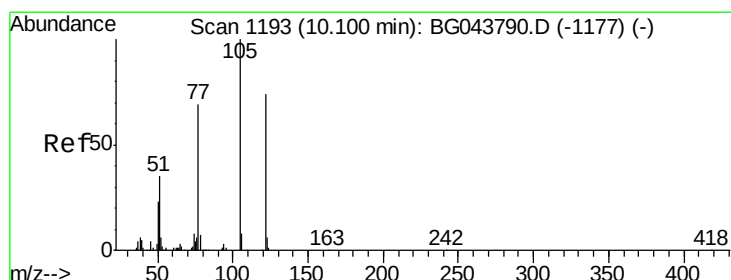
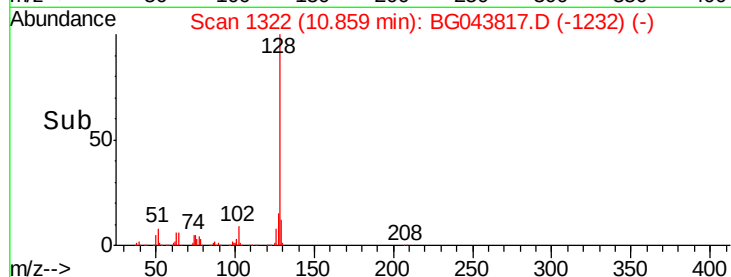
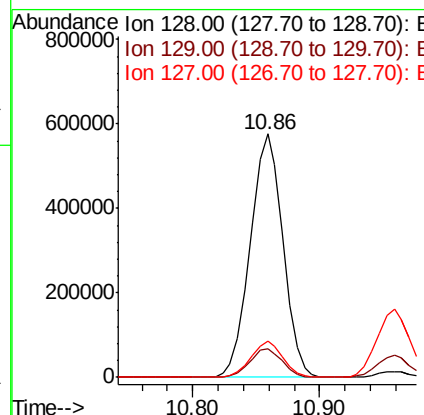
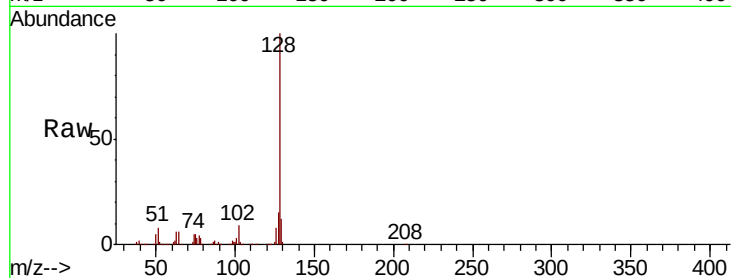




#31
Naphthalene
Concen: 41.428 ng
RT: 10.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

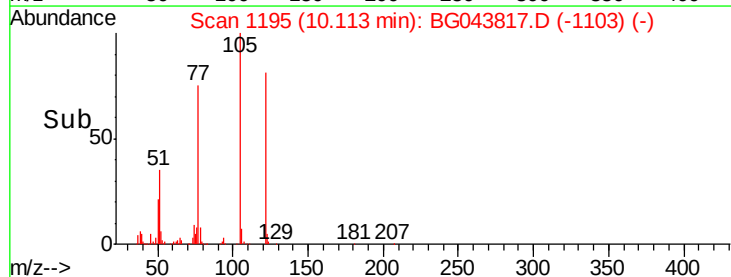
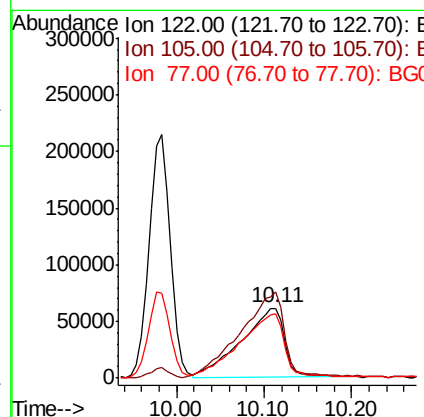
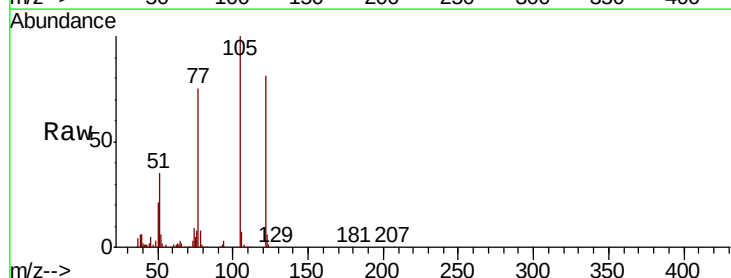
Instrument :
BNA_G
ClientSampleId :

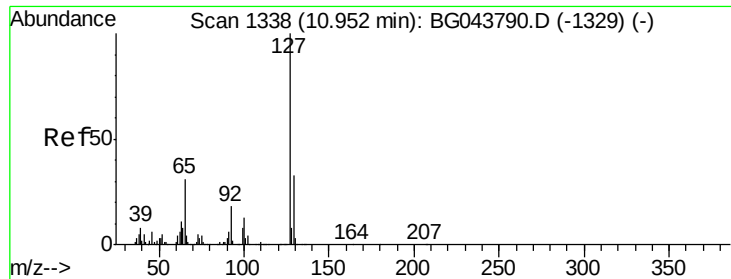
Tot Ion:128 Resp: 1032366
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.6
127 14.7 11.9 17.9



#32
Benzoic acid
Concen: 45.566 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion:122 Resp: 204945
Ion Ratio Lower Upper
122 100
105 123.6 107.5 147.5
77 93.2 71.7 111.7

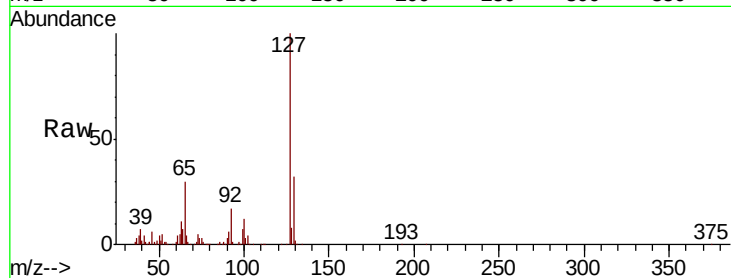




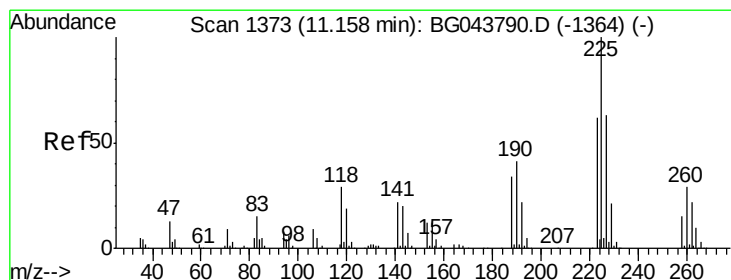
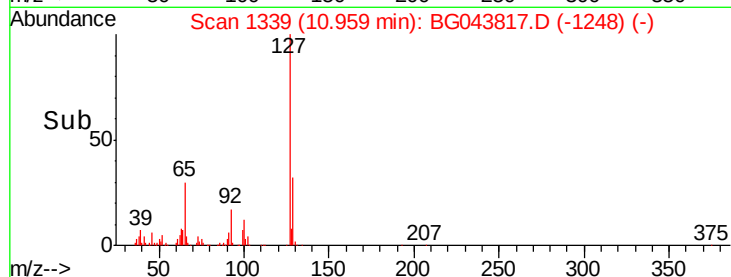
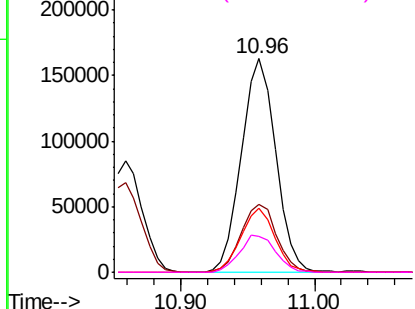
#33
4-Chloroaniline
Concen: 24.005 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	290038
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.1	39.1
65	30.0	24.4	36.6
92	16.9	14.6	22.0

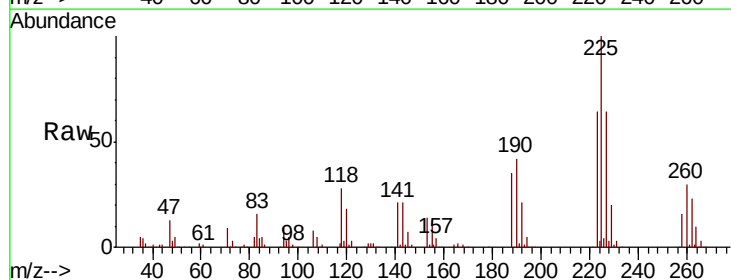


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

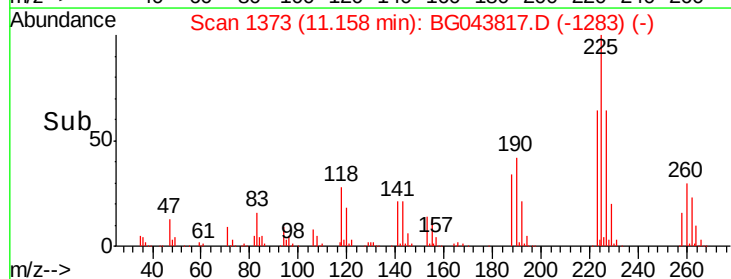
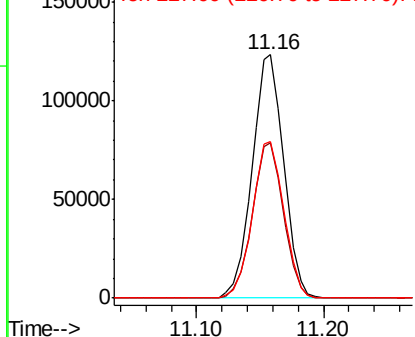


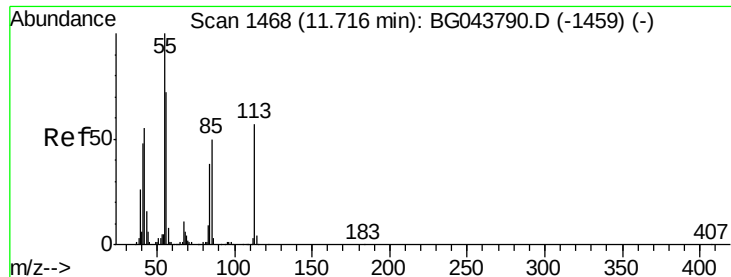
#34
Hexachlorobutadiene
Concen: 37.107 ng
RT: 11.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion:	225	Resp:	213356
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.3	73.9
227	64.4	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

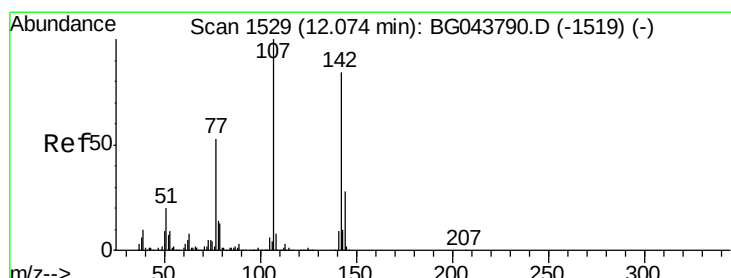
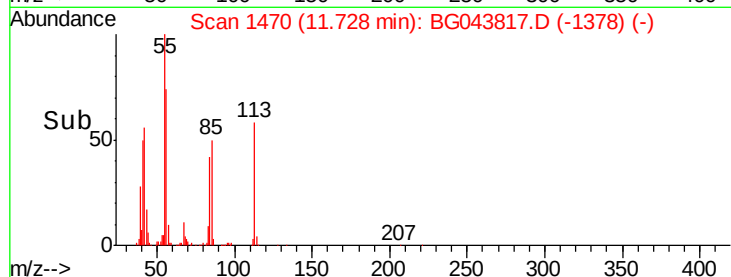
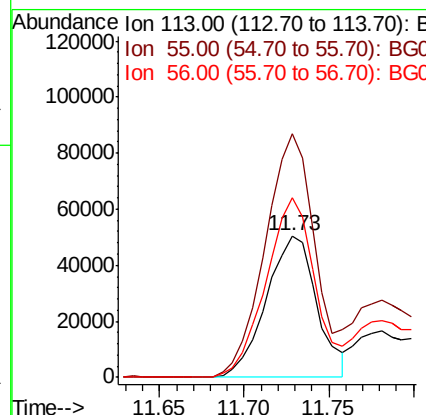
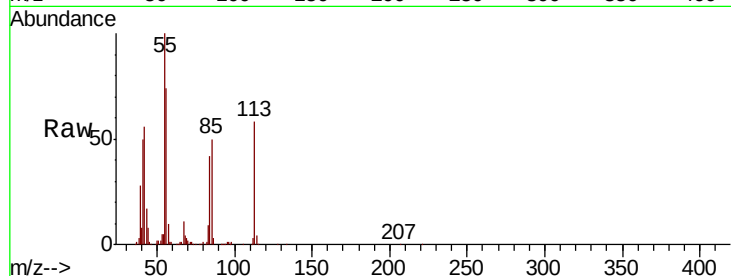




#35
 Caprolactam
 Concen: 33.236 ng
 RT: 11.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

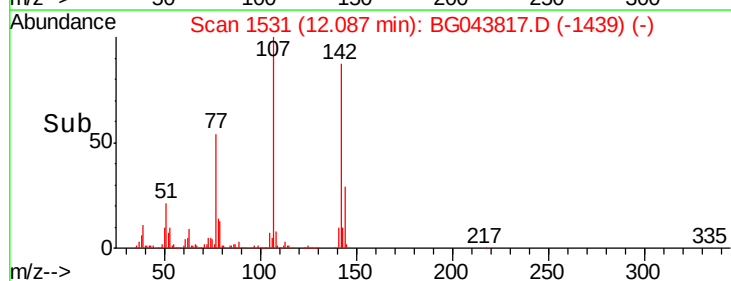
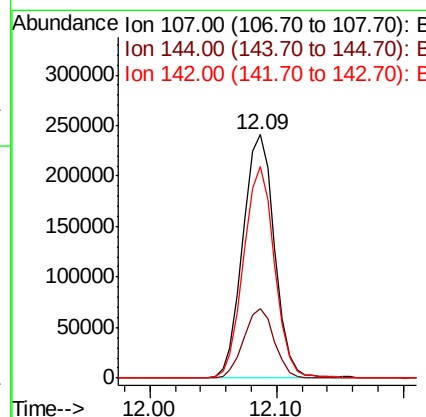
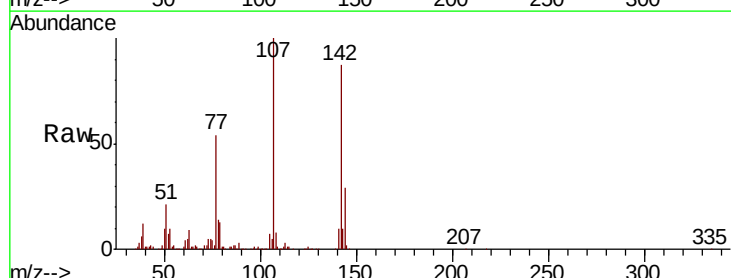
Instrument :
 BNA_G
 ClientSampled :

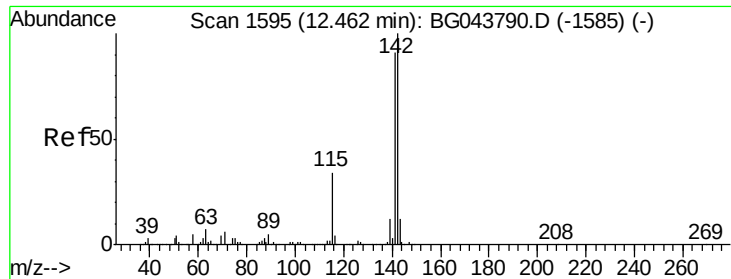
Tot Ion:113 Resp: 104561
 Ion Ratio Lower Upper
 113 100
 55 172.3 154.2 194.2
 56 127.2 105.6 145.6



#36
 4-Chloro-3-methylphenol
 Concen: 48.434 ng
 RT: 12.09 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

Tgt Ion:107 Resp: 417992
 Ion Ratio Lower Upper
 107 100
 144 28.8 22.2 33.4
 142 87.1 67.0 100.6

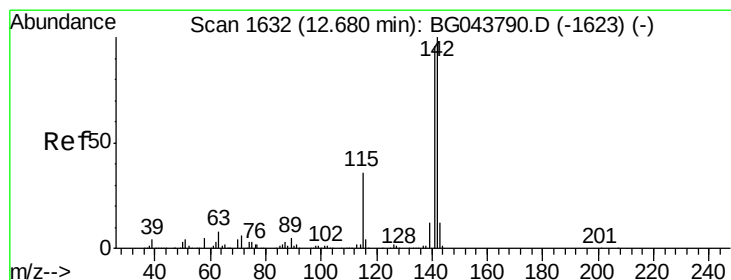
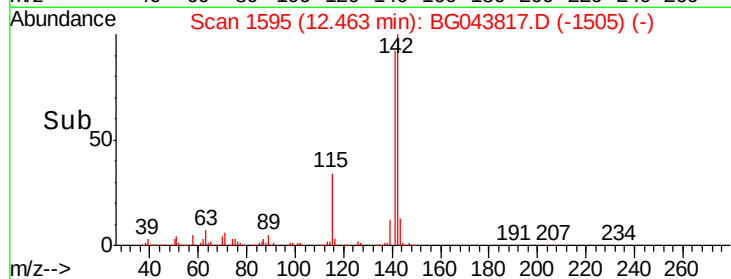
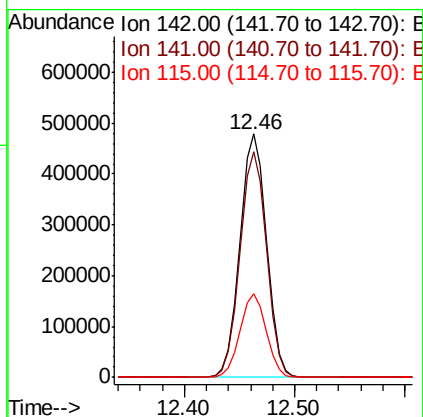
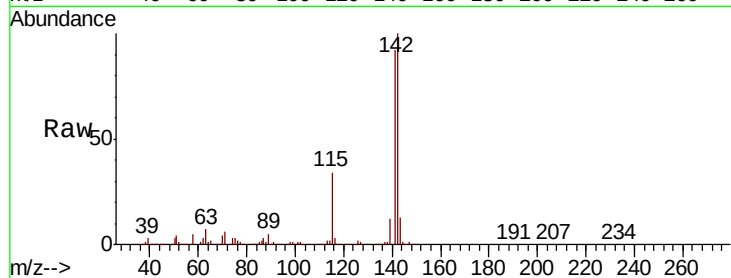




#37
2-Methylnaphthalene
Concen: 41.963 ng
RT: 12.46 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

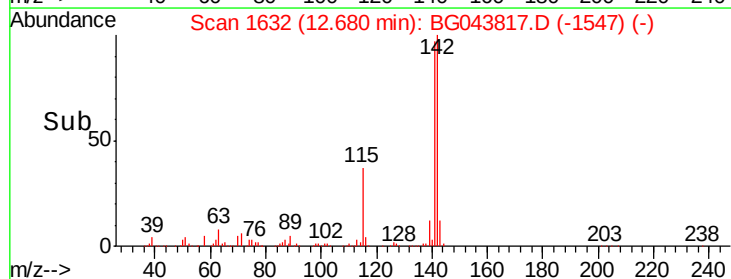
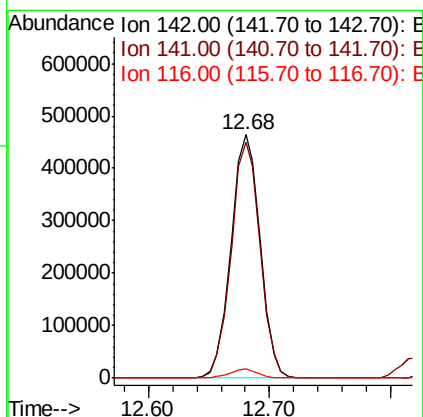
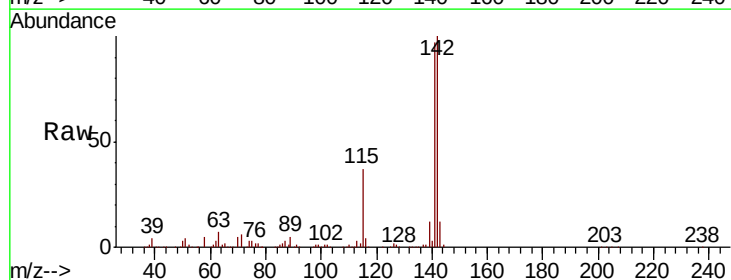
Instrument :
BNA_G
ClientSampleId :

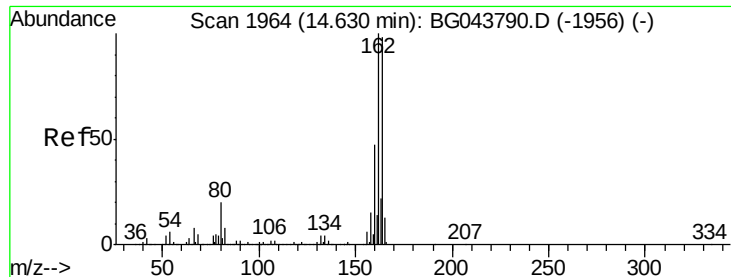
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.2	109.8
115	34.4	27.3	40.9



#38
1-Methylnaphthalene
Concen: 42.320 ng
RT: 12.68 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.1	76.9	115.3
116	4.0	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampleId :

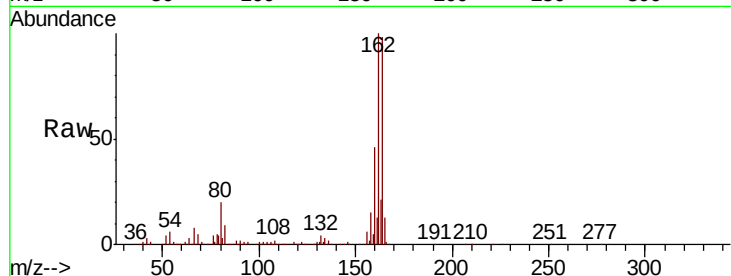
Tot Ion:164 Resp: 385001

Ion Ratio Lower Upper

164 100

162 101.5 81.9 122.9

160 47.2 38.3 57.5

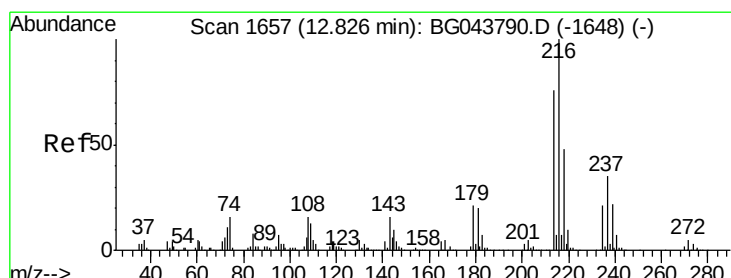
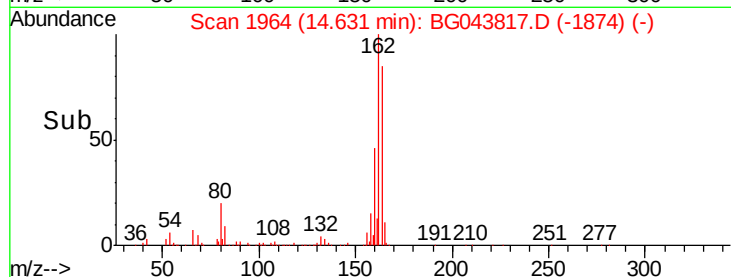
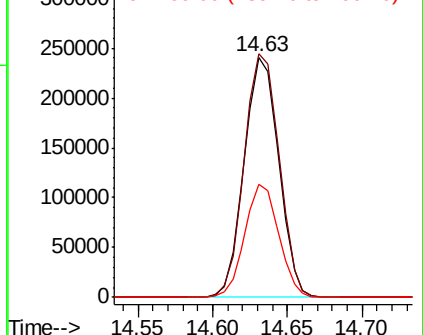


Abundance

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: 36.195 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Tgt Ion:216 Resp: 418739

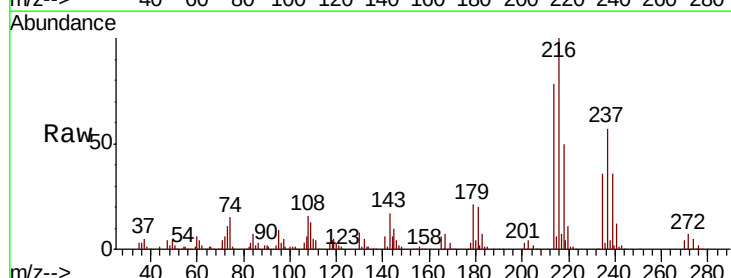
Ion Ratio Lower Upper

216 100

214 78.0 62.2 93.4

179 21.2 16.6 25.0

108 18.9 13.7 20.5



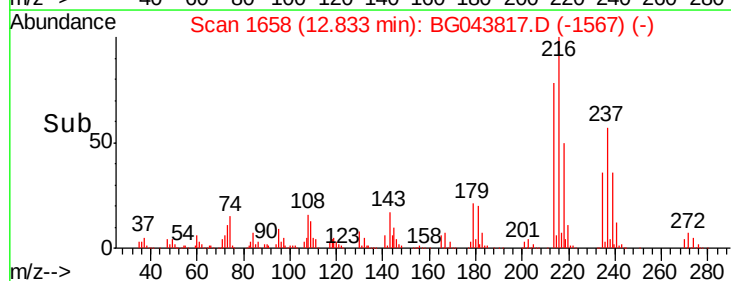
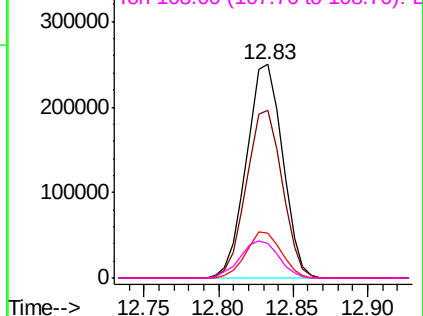
Abundance

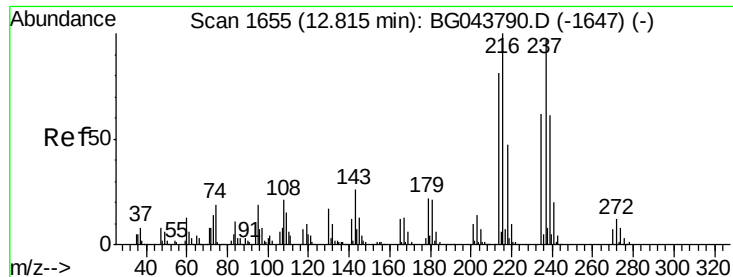
Ion 216.00 (215.70 to 216.70): E

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: 94.535 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampleId :

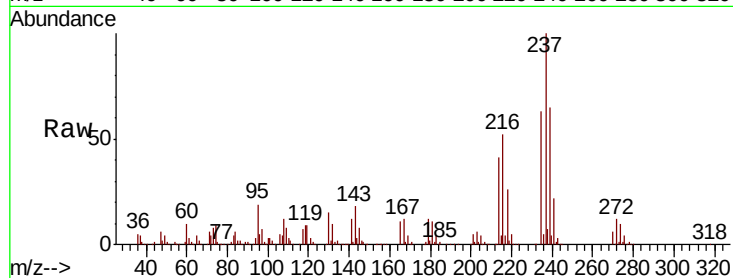
Tot Ion:237 Resp: 513336

Ion Ratio Lower Upper

237 100

235 63.4 43.9 83.9

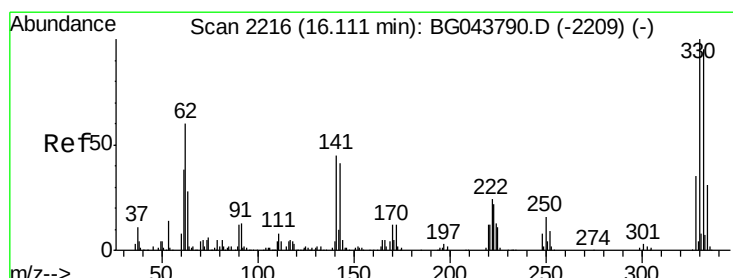
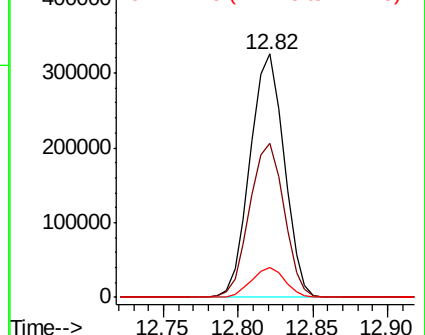
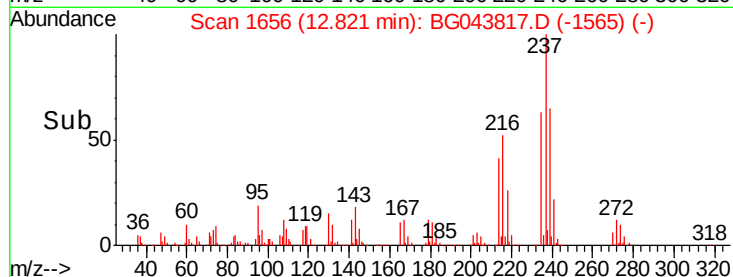
272 12.2 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 126.634 ng

RT: 16.12 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

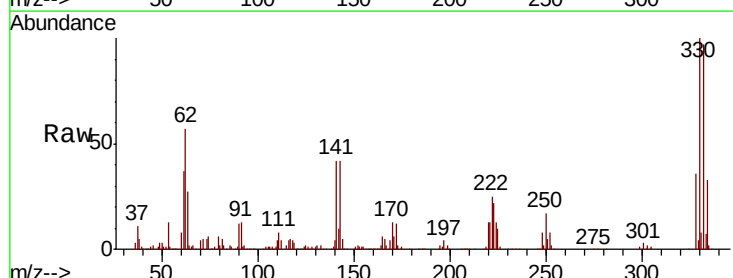
Tgt Ion:330 Resp: 464799

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

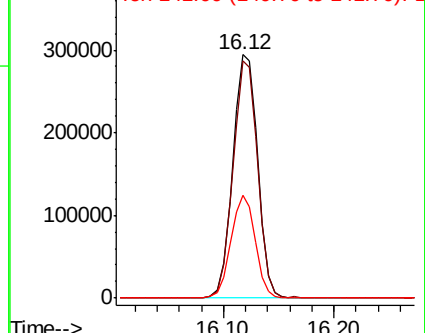
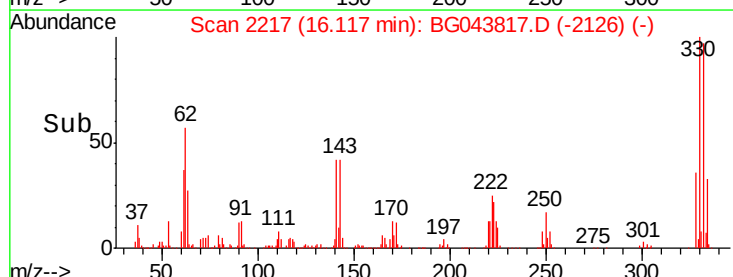
141 41.2 33.8 50.8

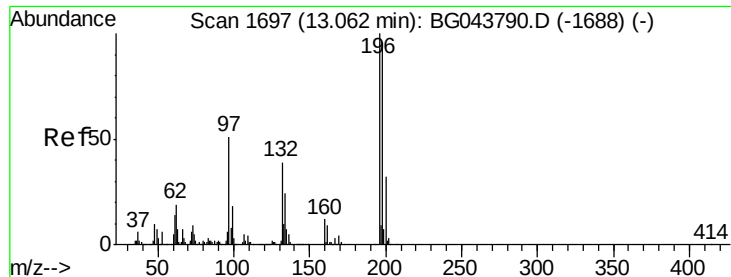


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

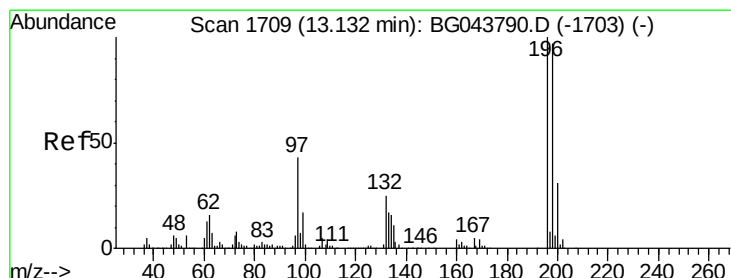
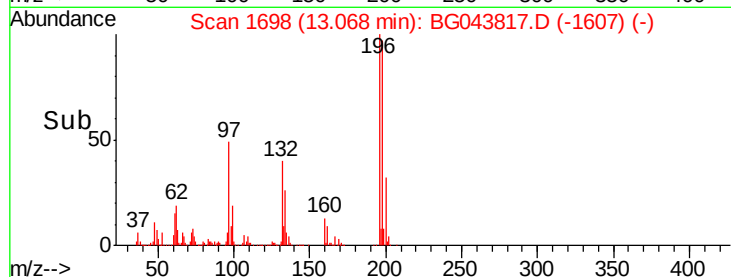
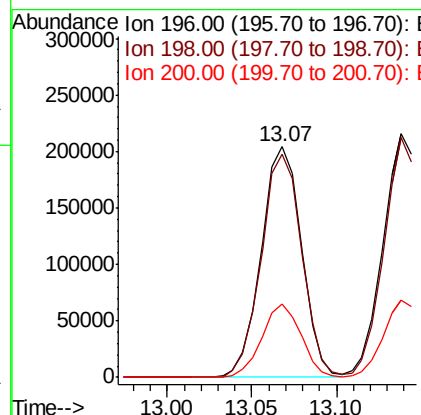
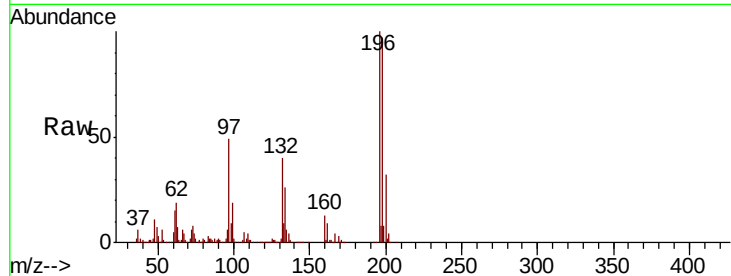




#43
 2,4,6-Trichlorophenol
 Concen: 45.815 ng
 RT: 13.07 min Scan# 1698
 Delta R.T. 0.01 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

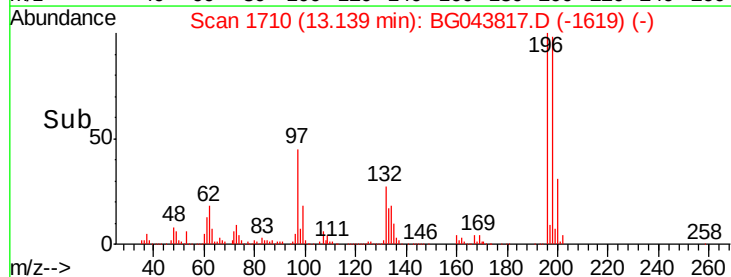
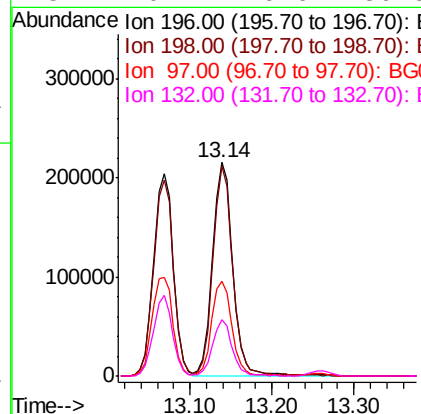
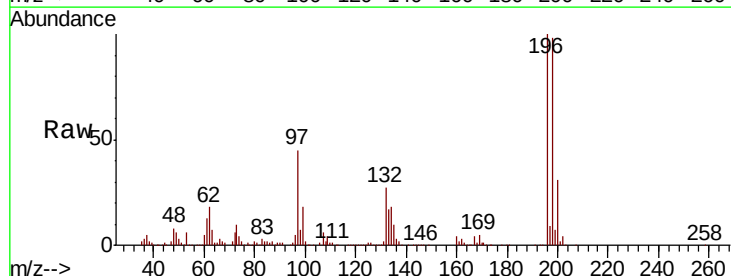
Instrument :
 BNA_G
 ClientSampled :

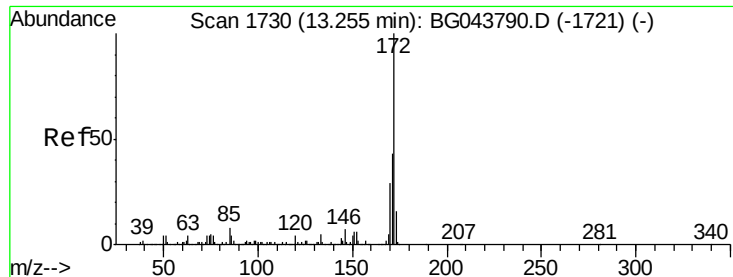
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	77.0	115.6
200	31.8	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 47.989 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.5	77.4	116.0
97	44.7	34.7	52.1
132	26.7	20.0	30.0

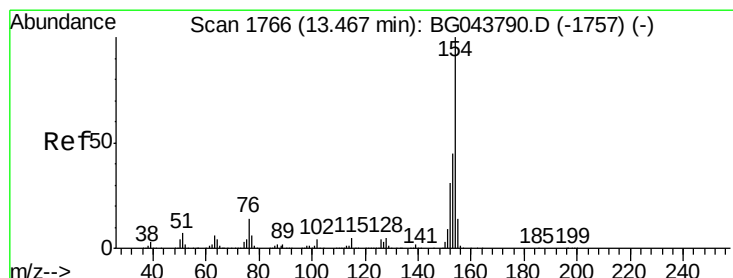
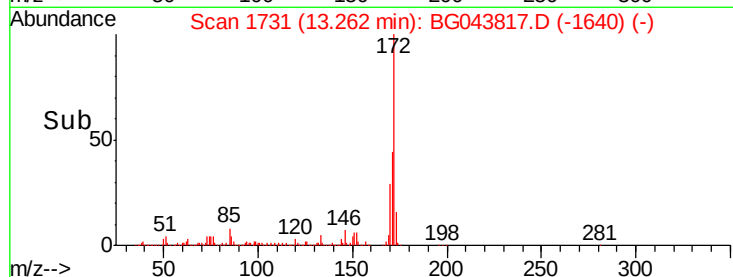
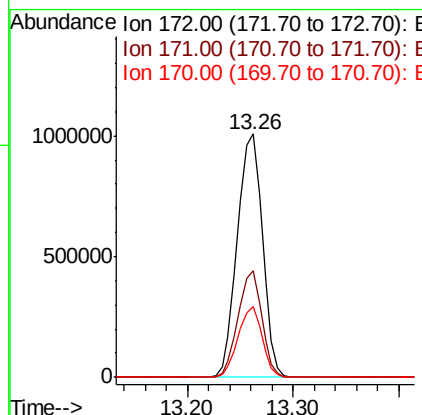
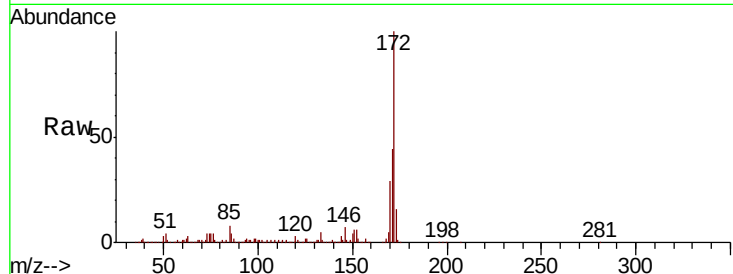




#45
2-Fluorobiphenyl
Concen: 75.540 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

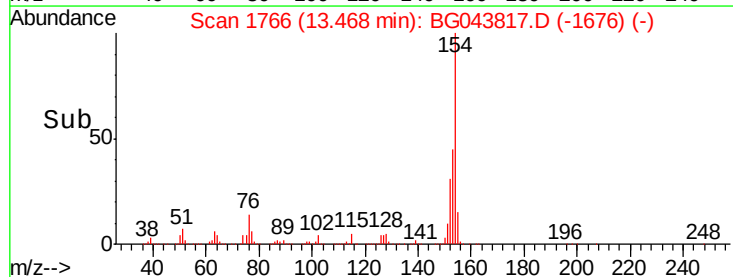
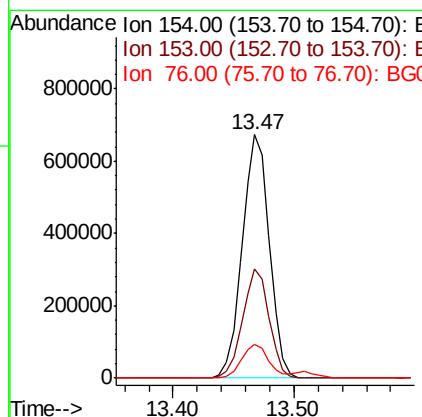
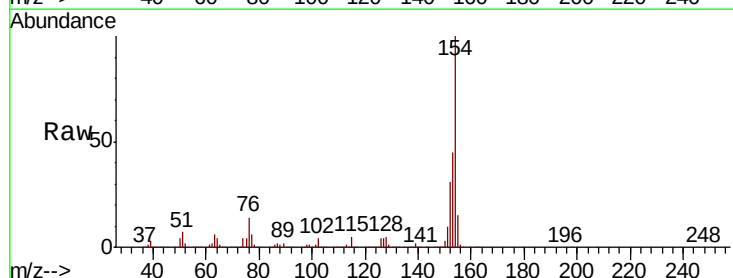
Instrument :
BNA_G
ClientSampleId :

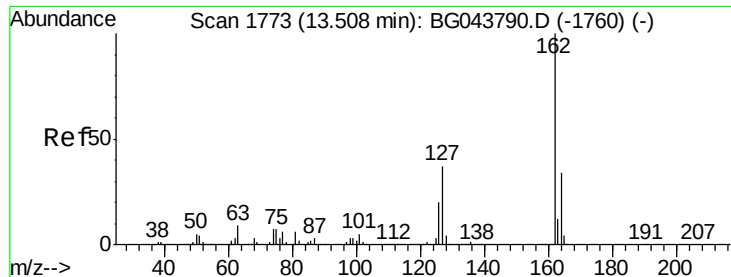
Tot Ion:172 Resp: 1655661
Ion Ratio Lower Upper
172 100
171 43.6 34.6 51.8
170 29.1 23.3 34.9



#46
1,1'-Biphenyl
Concen: 39.581 ng
RT: 13.47 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion:154 Resp: 1050576
Ion Ratio Lower Upper
154 100
153 45.0 24.5 64.5
76 13.8 0.0 33.9

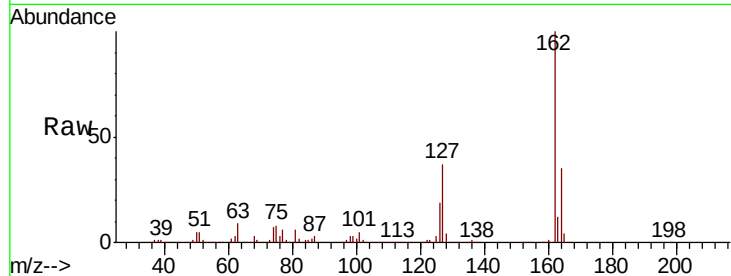




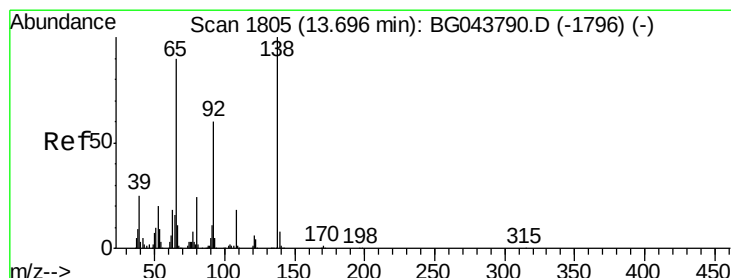
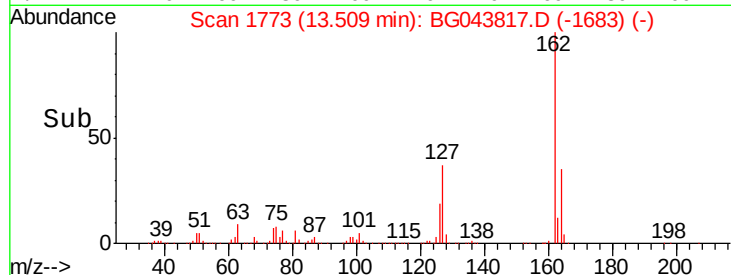
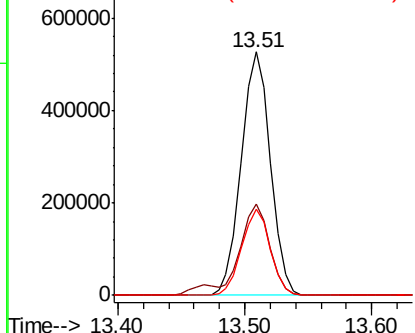
#47
 2-Chloronaphthalene
 Concen: 38.726 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.0	45.0
164	35.5	27.6	41.4

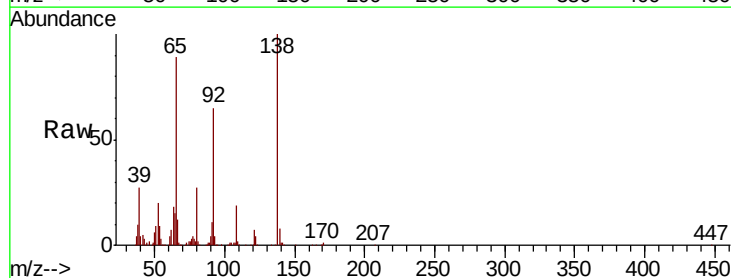


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

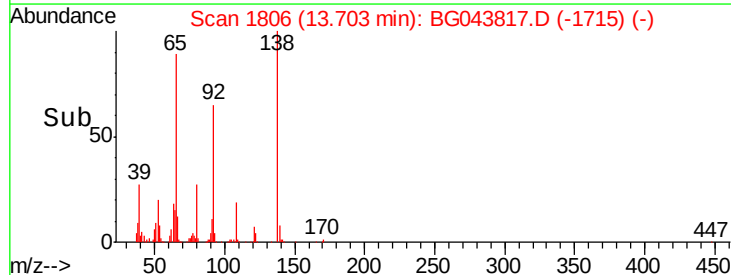
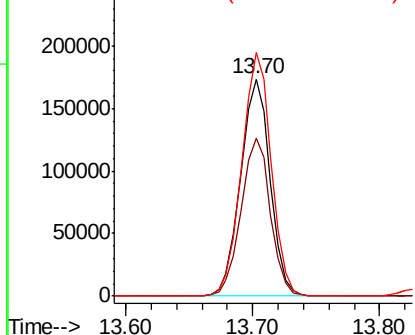


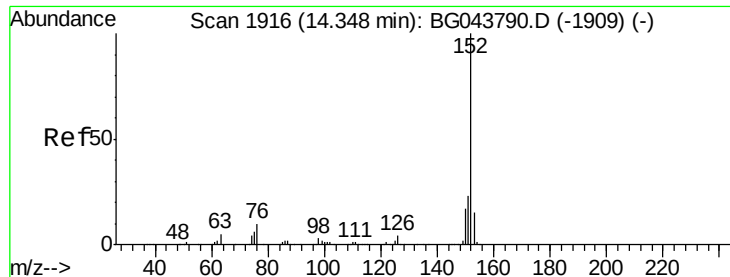
#48
 2-Nitroaniline
 Concen: 43.598 ng
 RT: 13.70 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.0	53.7	80.5
138	112.3	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: 42.395 ng

RT: 14.35 min Scan# 1917

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampled :

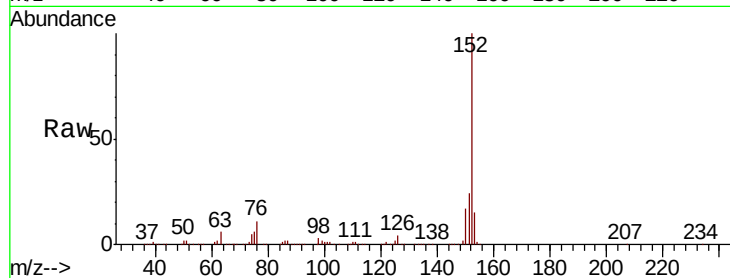
Tot Ion:152 Resp: 1370354

Ion Ratio Lower Upper

152 100

151 23.7 18.5 27.7

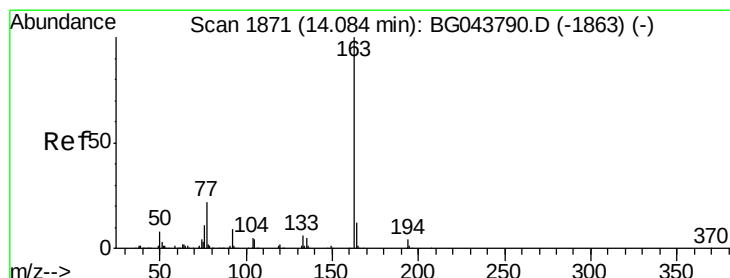
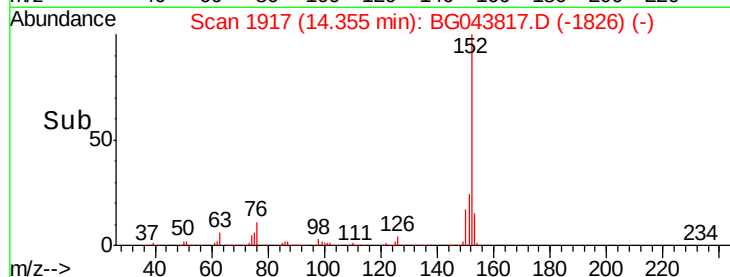
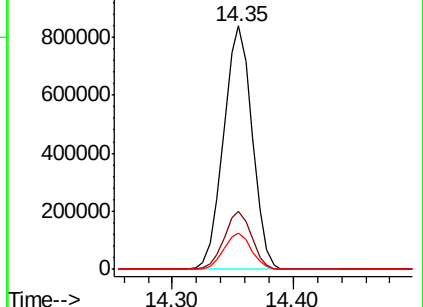
153 14.8 11.8 17.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.966 ng

RT: 14.09 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

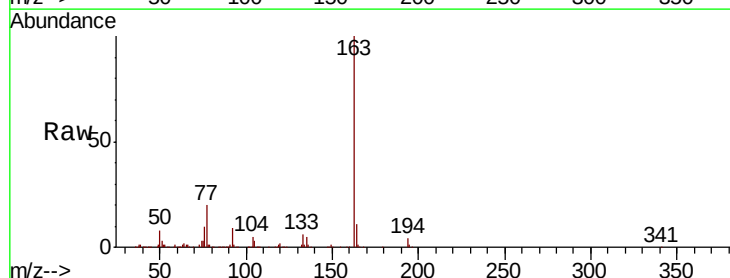
Tgt Ion:163 Resp: 1125714

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

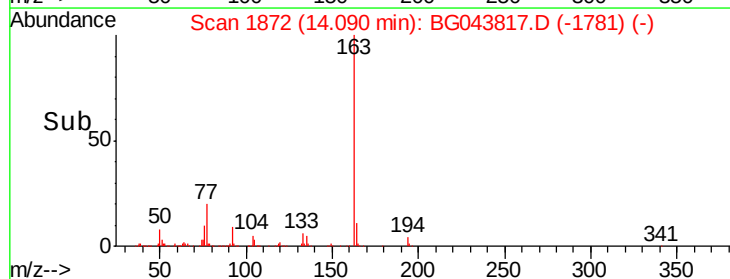
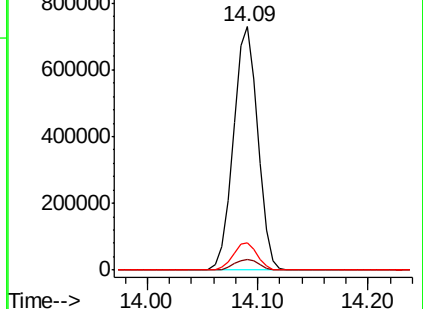
164 11.3 9.4 14.0

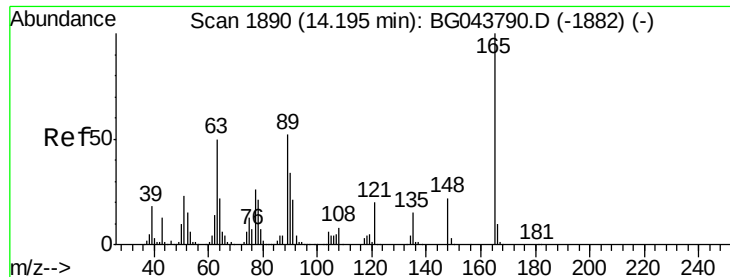


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.283 ng

RT: 14.20 min Scan# 1891

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampleId :

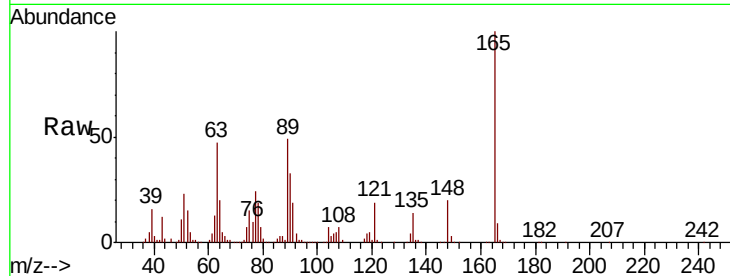
Tot Ion:165 Resp: 268160

Ion Ratio Lower Upper

165 100

63 47.5 40.3 60.5

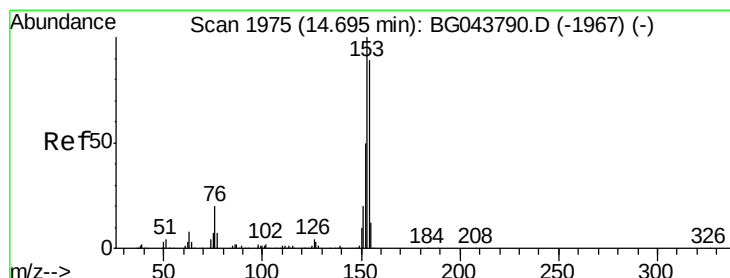
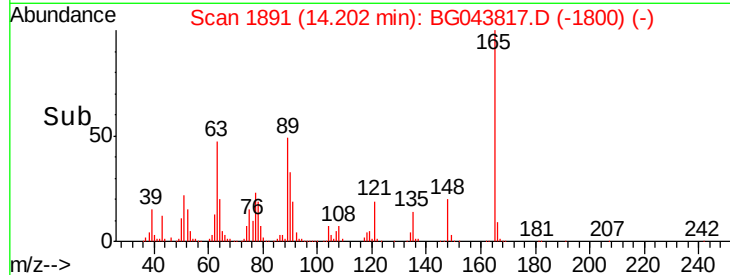
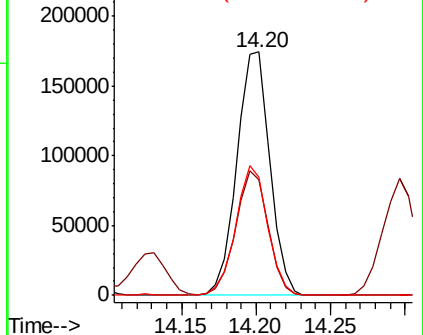
89 48.7 41.8 62.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 45.371 ng

RT: 14.70 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

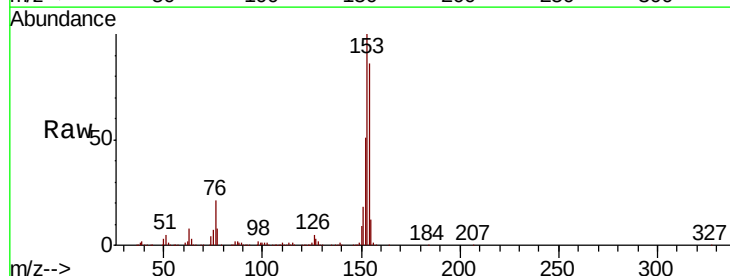
Tgt Ion:154 Resp: 964778

Ion Ratio Lower Upper

154 100

153 116.2 89.5 134.3

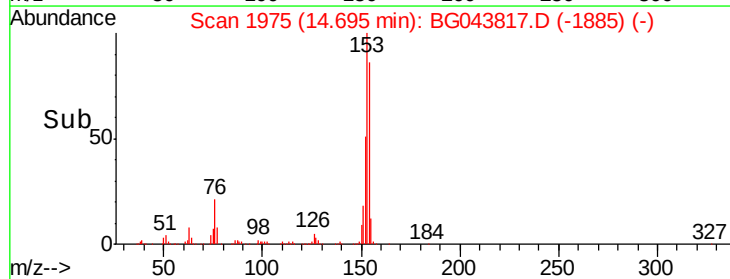
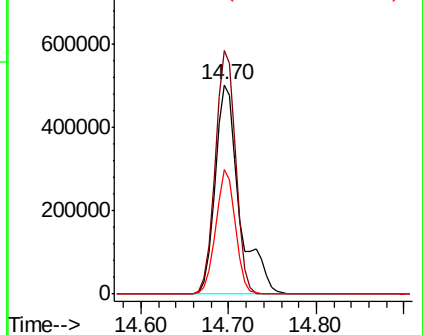
152 59.5 45.0 67.4

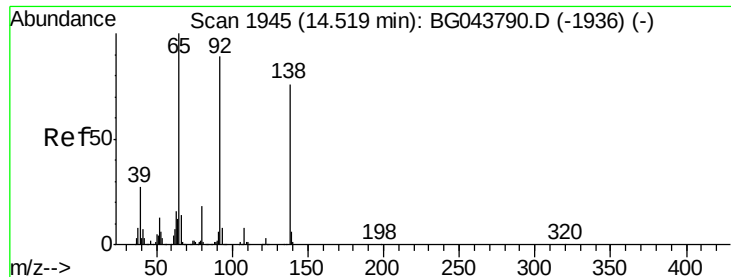


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 29.395 ng

RT: 14.53 min Scan# 1946

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampleId :

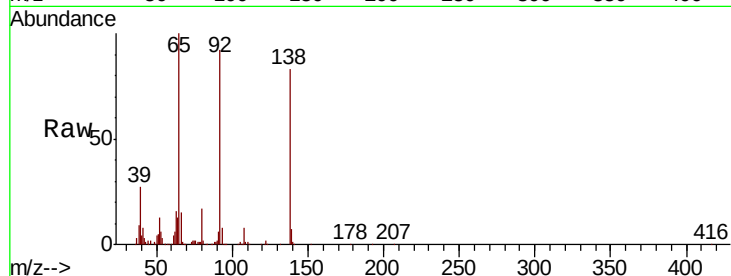
Tot Ion:138 Resp: 199201

Ion Ratio Lower Upper

138 100

108 9.8 8.1 12.1

92 111.5 94.6 141.8

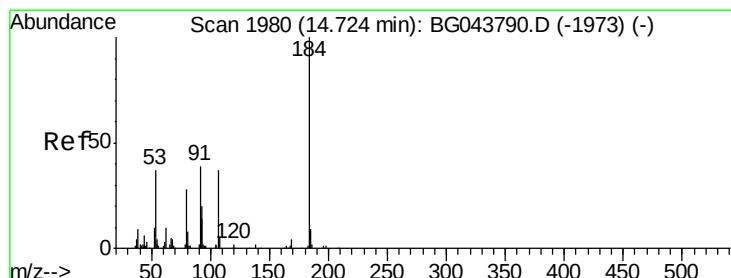
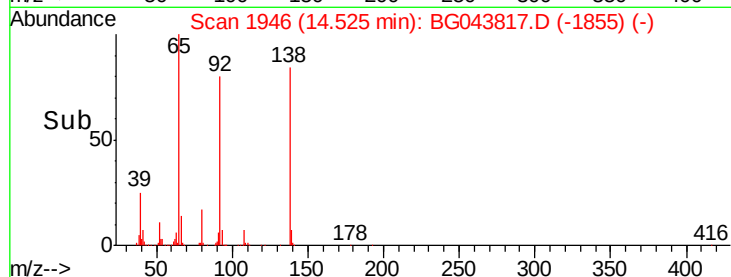
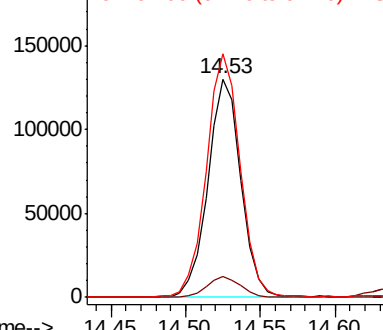


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 101.029 ng

RT: 14.73 min Scan# 1981

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

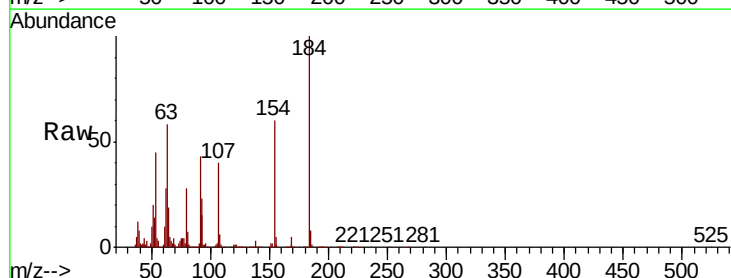
Tgt Ion:184 Resp: 271494

Ion Ratio Lower Upper

184 100

63 58.0 43.4 65.0

154 60.1 54.8 82.2

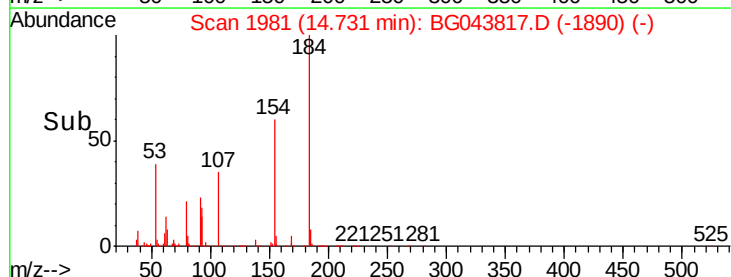
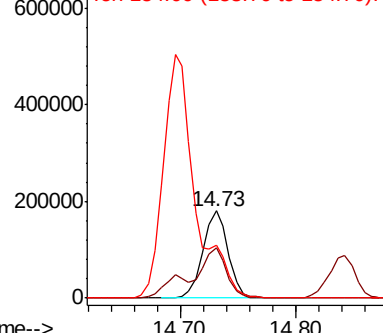


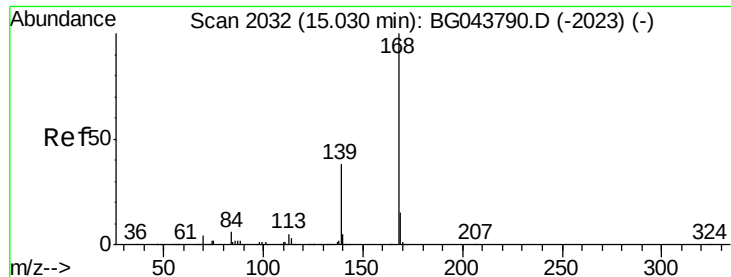
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

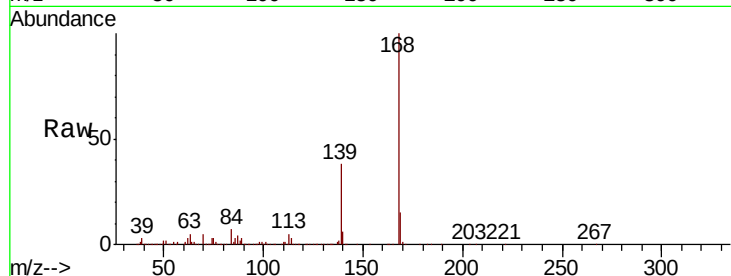




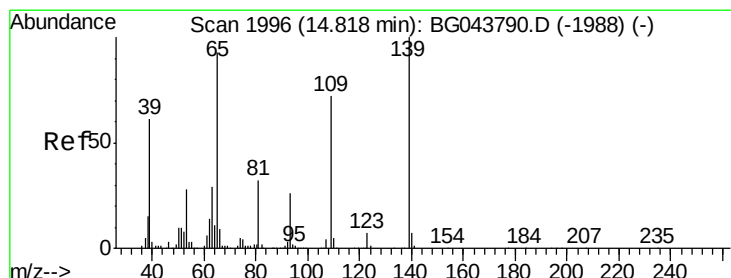
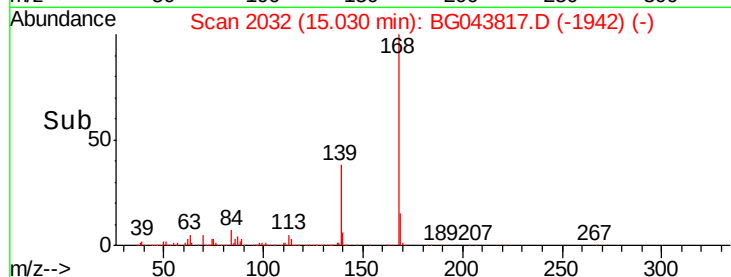
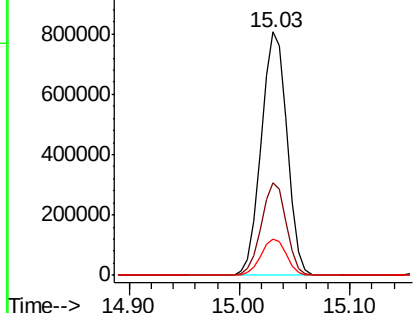
#55
Dibenzenofuran
Concen: 42.020 ng
RT: 15.03 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 1322620
Ion Ratio Lower Upper
168 100
139 38.0 30.4 45.6
169 15.1 12.0 18.0

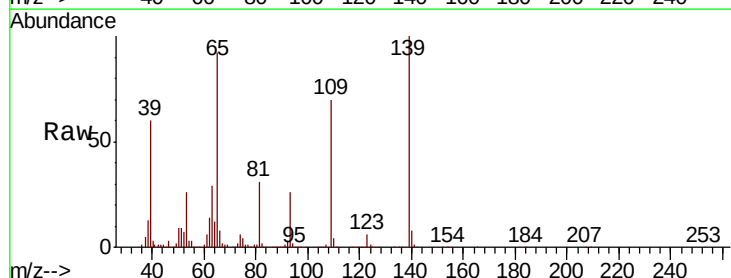


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

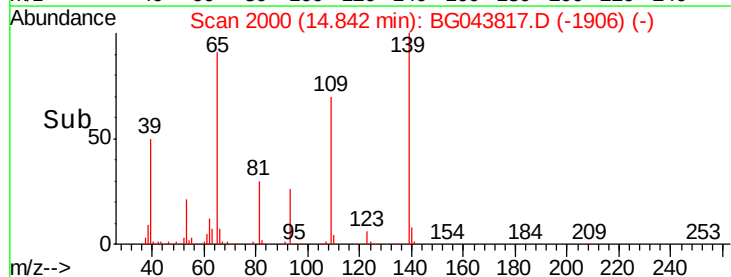
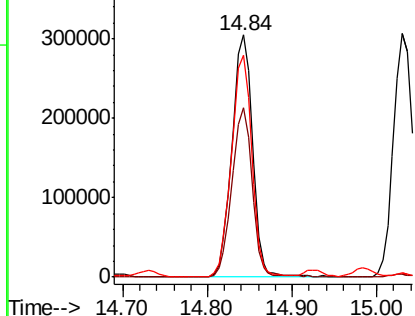


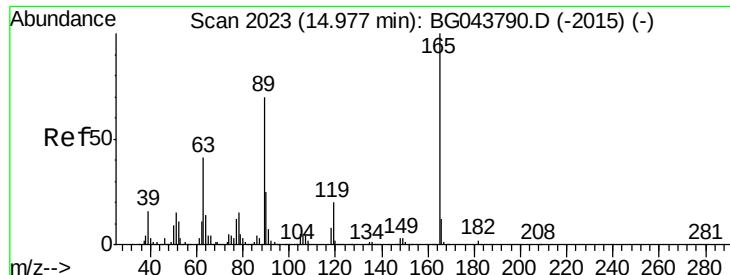
#56
4-Nitrophenol
Concen: 102.898 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.02 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion:139 Resp: 508721
Ion Ratio Lower Upper
139 100
109 70.2 51.5 91.5
65 91.8 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

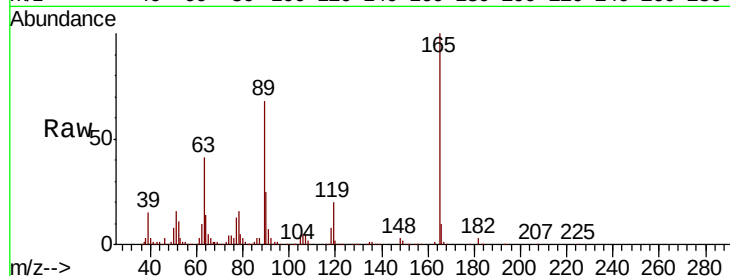




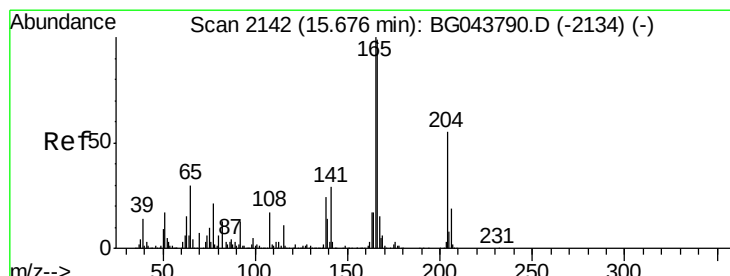
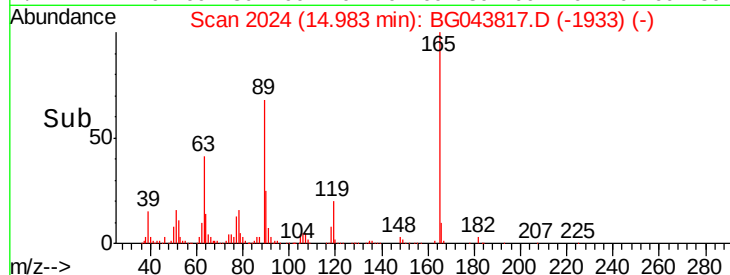
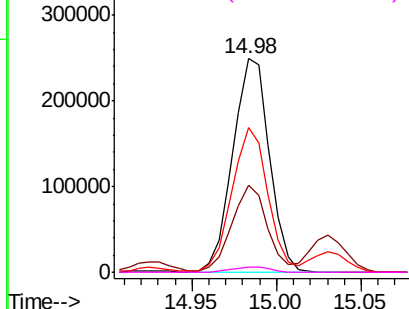
#57
2,4-Dinitrotoluene
Concen: 47.048 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 376466
Ion Ratio Lower Upper
165 100
63 40.7 32.7 49.1
89 68.0 56.1 84.1
182 2.6 2.0 3.0

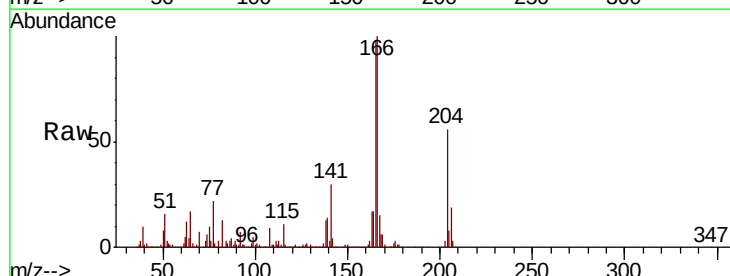


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

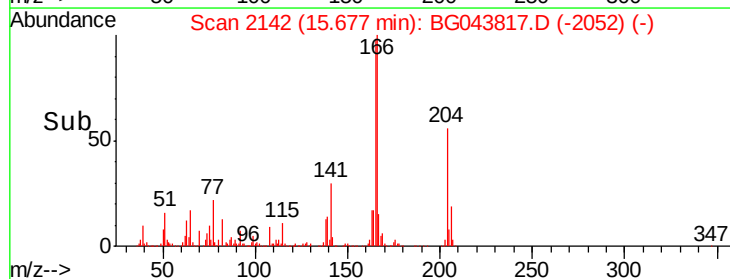
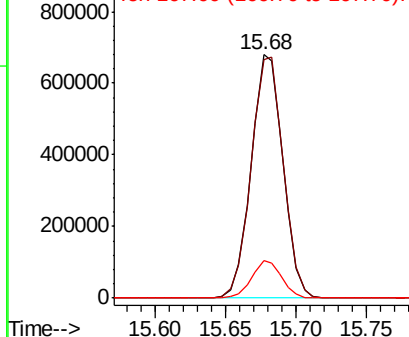


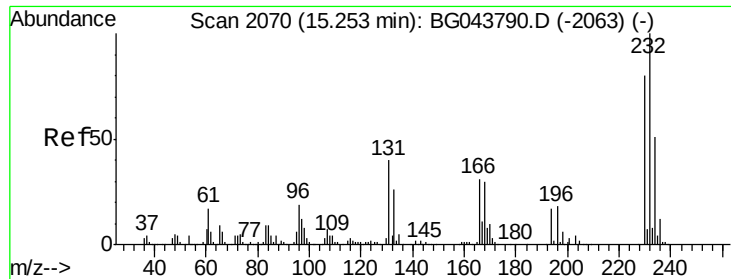
#58
Fluorene
Concen: 42.268 ng
RT: 15.68 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion:166 Resp: 1072385
Ion Ratio Lower Upper
166 100
165 98.0 80.5 120.7
167 15.5 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: 47.210 ng

RT: 15.18 min Scan# 2057

Delta R.T. -0.08 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 326318

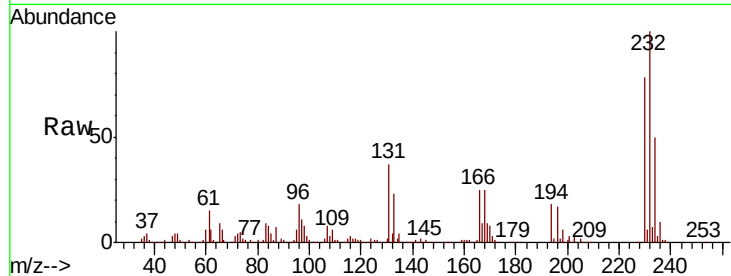
Ion Ratio Lower Upper

232 100

131 37.1 27.9 41.9

130 2.4 1.8 2.8

166 25.2 19.4 29.2

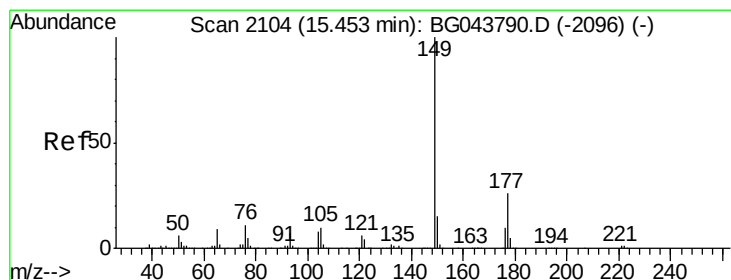
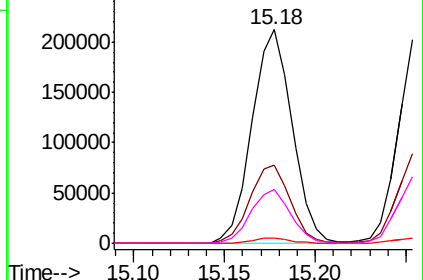
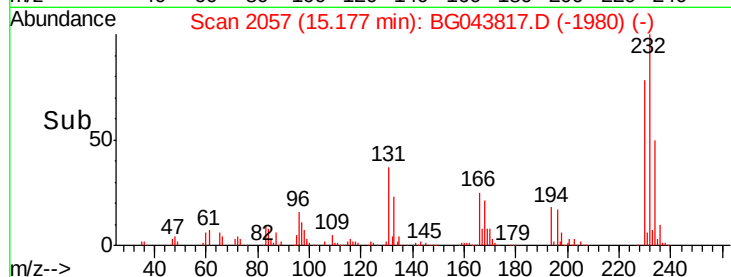


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.409 ng

RT: 15.46 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

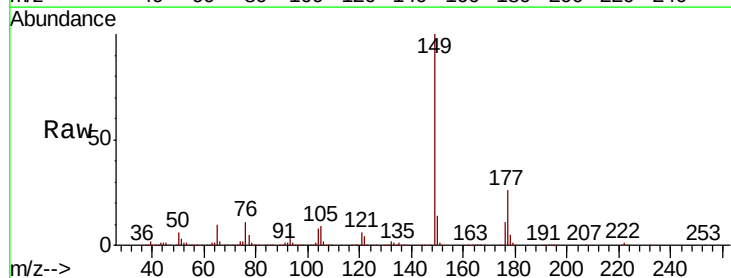
Tgt Ion:149 Resp: 1136604

Ion Ratio Lower Upper

149 100

177 26.0 20.4 30.6

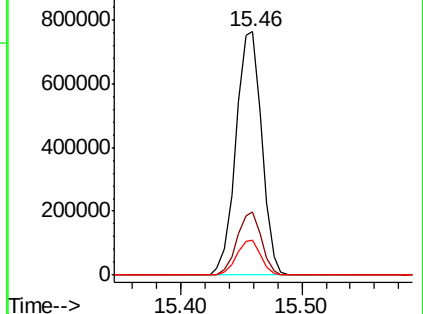
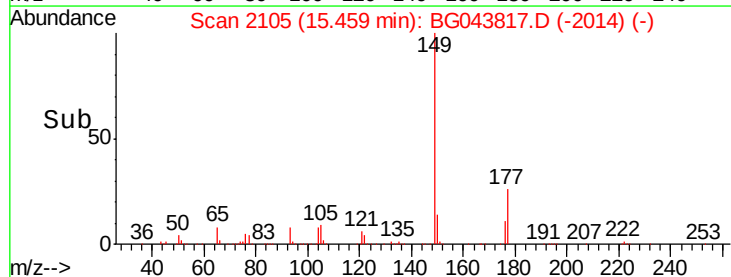
150 14.3 11.6 17.4

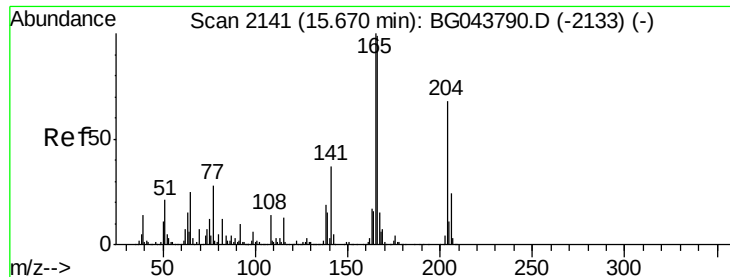


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

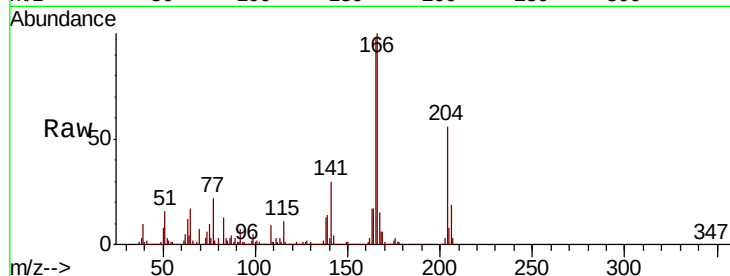




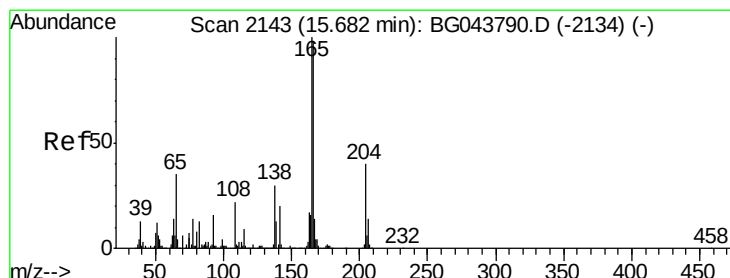
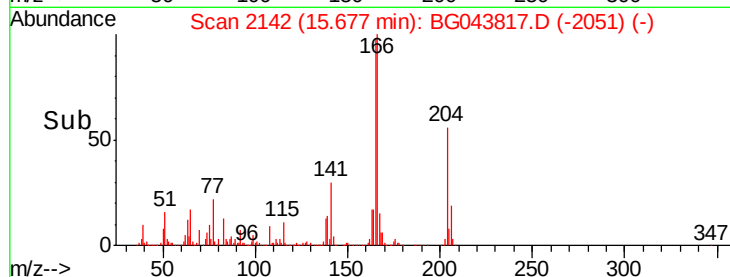
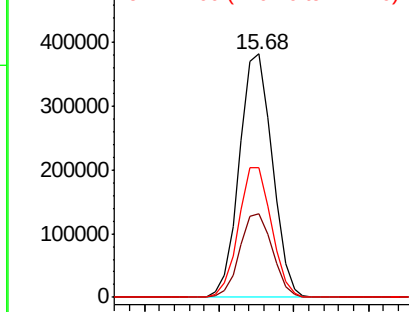
#61
4-Chlorophenyl-phenylether
Concen: 41.127 ng
RT: 15.68 min Scan# 2142
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 584360
Ion Ratio Lower Upper
204 100
206 34.4 28.1 42.1
141 53.3 44.1 66.1

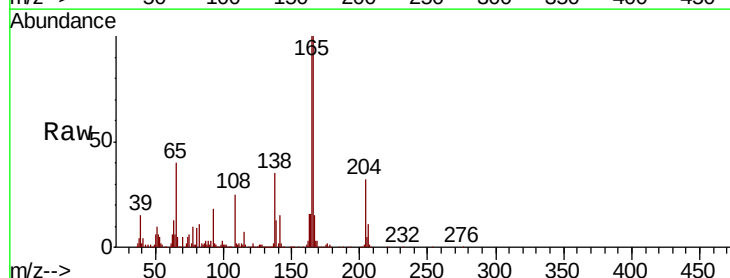


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

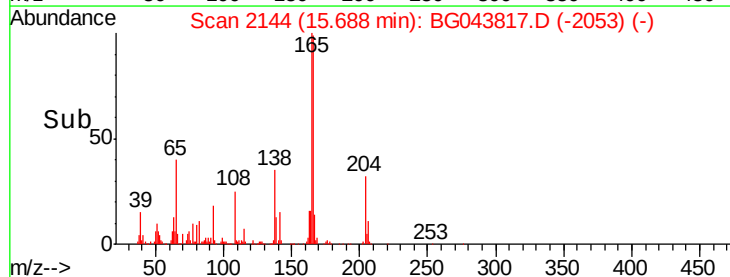
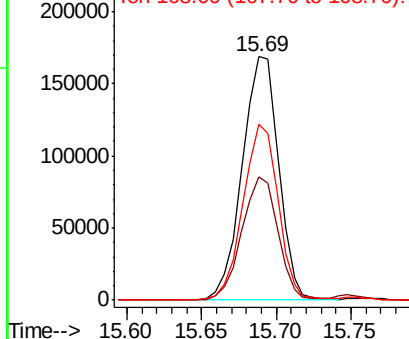


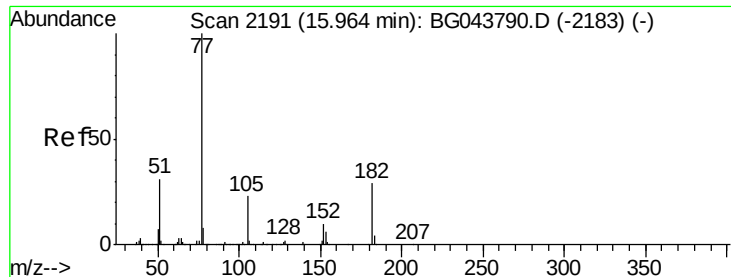
#62
4-Nitroaniline
Concen: 40.643 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion:138 Resp: 285377
Ion Ratio Lower Upper
138 100
92 50.9 31.5 71.5
108 72.0 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: 42.292 ng

RT: 15.96 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 1066453

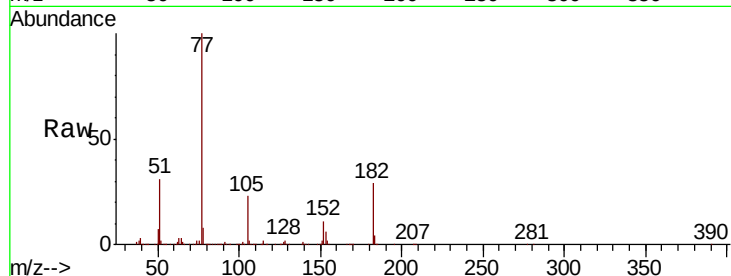
Ion Ratio Lower Upper

77 100

182 29.3 9.0 49.0

105 23.1 2.9 42.9

51 30.8 10.6 50.6

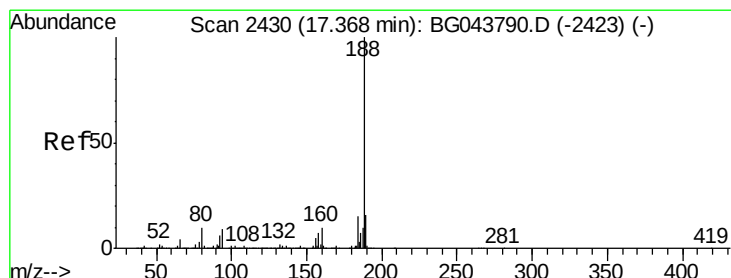
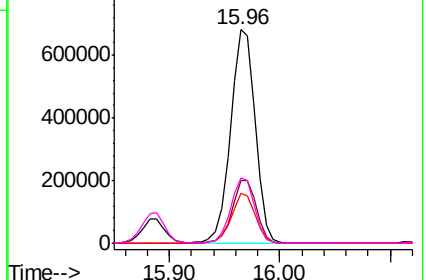
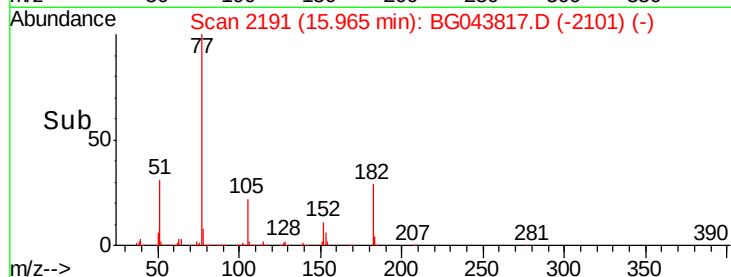


Abundance Ion 77.00 (76.70 to 77.70): BGC

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. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

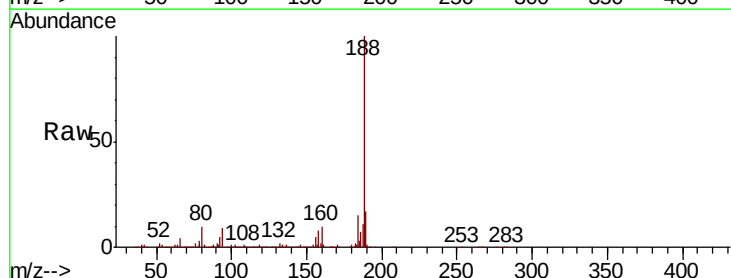
Tgt Ion: 188 Resp: 898823

Ion Ratio Lower Upper

188 100

94 9.2 6.9 10.3

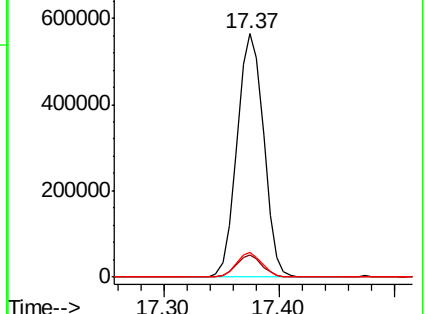
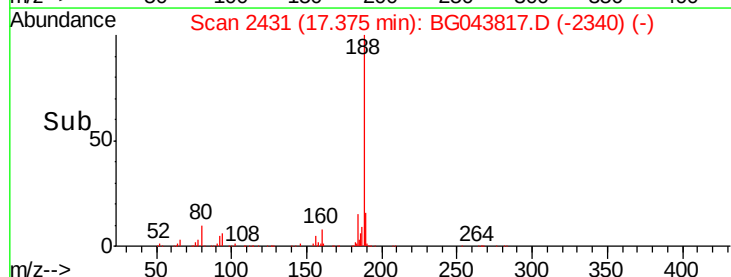
80 10.2 7.8 11.8

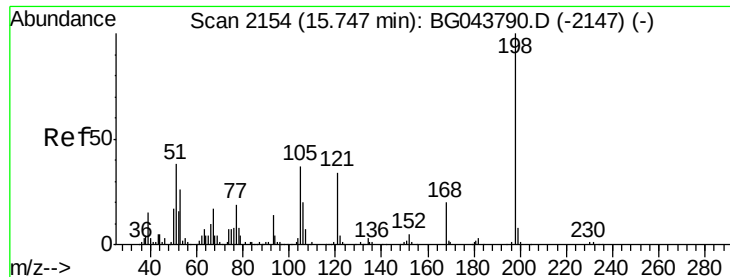


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 54.110 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

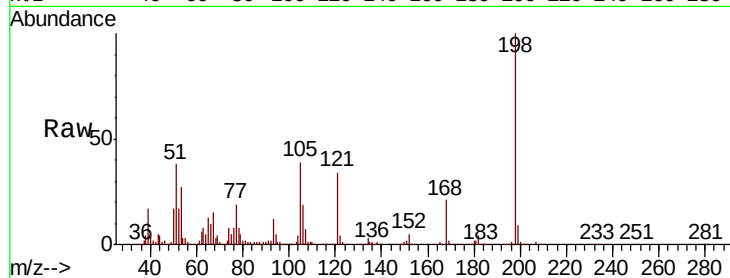
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 192870

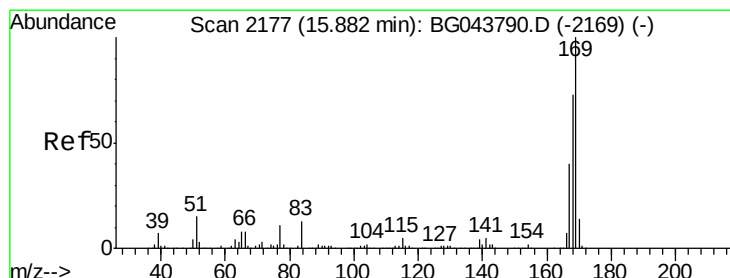
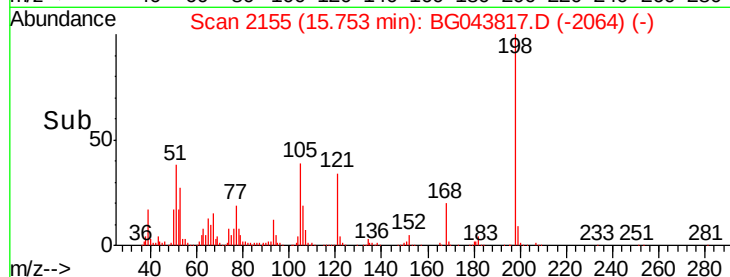
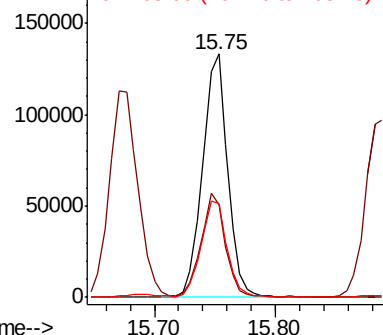
Ion	Ratio	Lower	Upper
198	100		
51	38.0	18.9	58.9
105	38.7	18.1	58.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043817.D (-2064) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.926 ng

RT: 15.89 min Scan# 2178

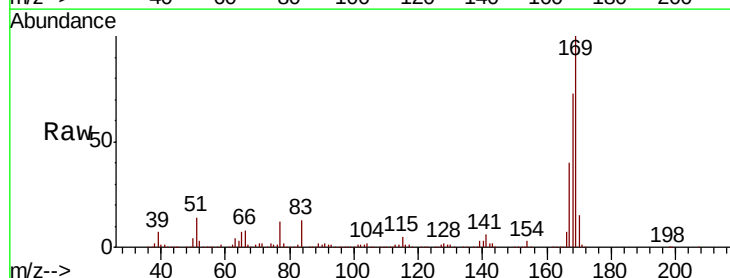
Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Tgt Ion:169 Resp: 1022389

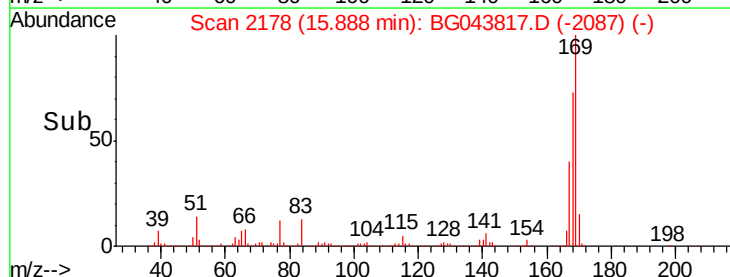
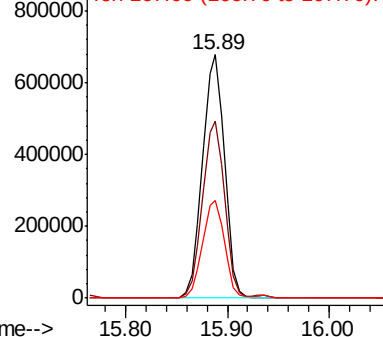
Ion	Ratio	Lower	Upper
169	100		
168	72.6	58.5	87.7
167	40.3	32.1	48.1

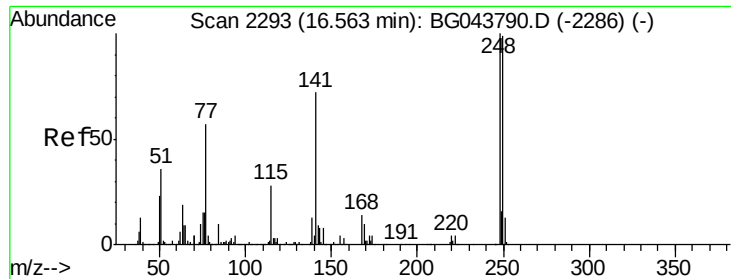


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

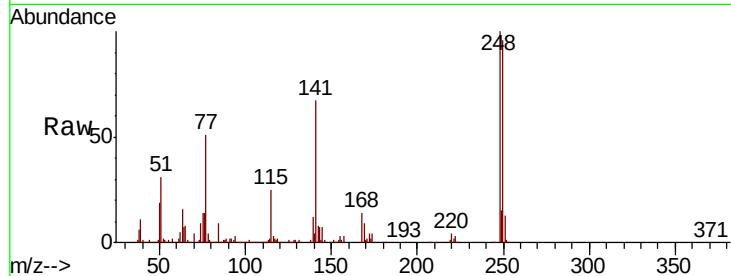




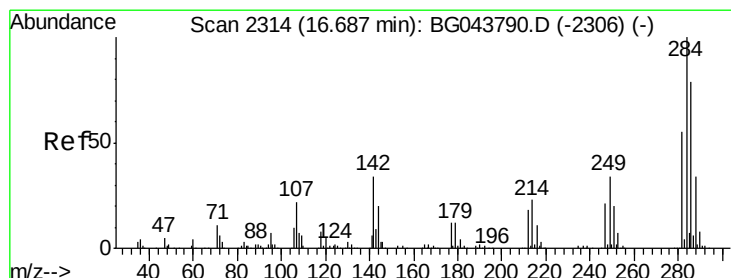
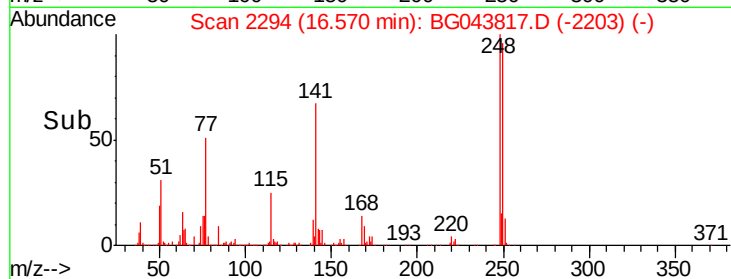
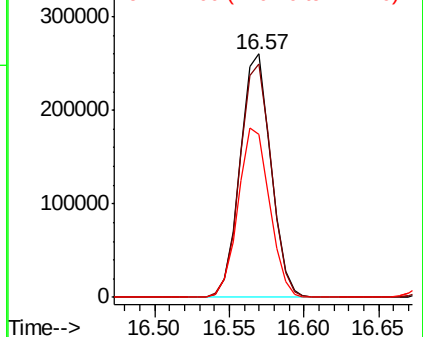
#67
4-Bromophenyl-phenylether
Concen: 38.648 ng
RT: 16.57 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 371393
Ion Ratio Lower Upper
248 100
250 95.8 79.0 118.6
141 66.7 57.8 86.6

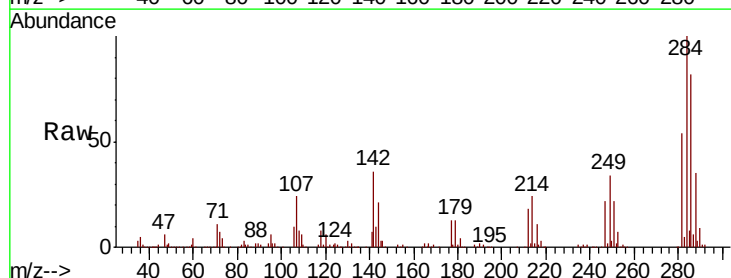


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

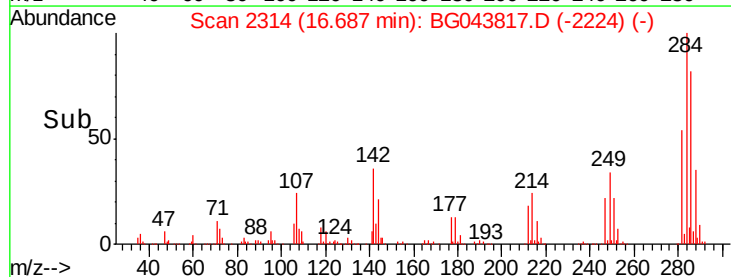
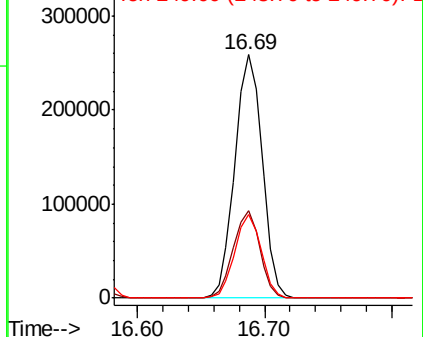


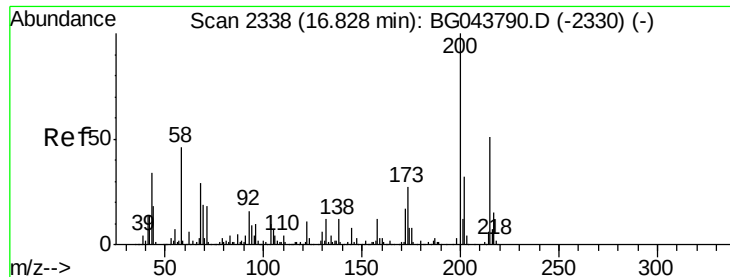
#68
Hexachlorobenzene
Concen: 37.922 ng
RT: 16.69 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion:284 Resp: 386503
Ion Ratio Lower Upper
284 100
142 35.7 27.0 40.6
249 34.2 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: 51.196 ng

RT: 16.83 min Scan# 2339

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampleId :

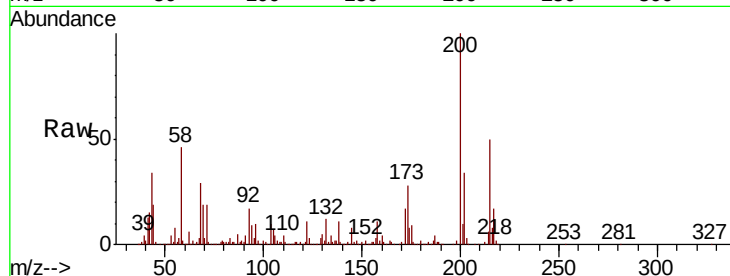
Tot Ion:200 Resp: 407728

Ion Ratio Lower Upper

200 100

173 27.7 7.4 47.4

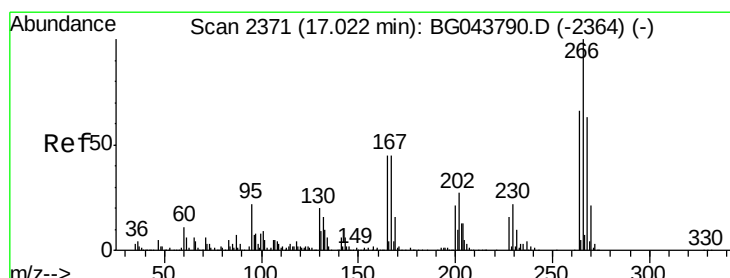
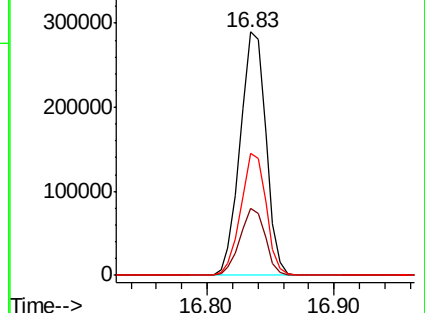
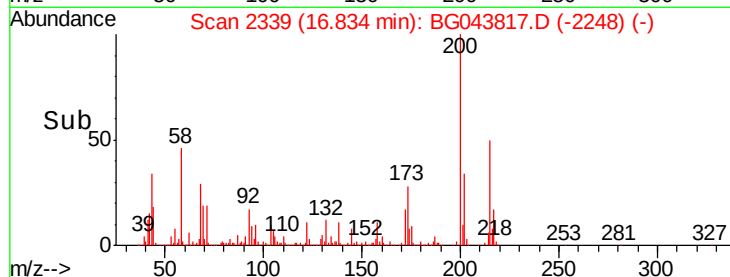
215 50.0 30.5 70.5



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: 90.257 ng

RT: 17.03 min Scan# 2372

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

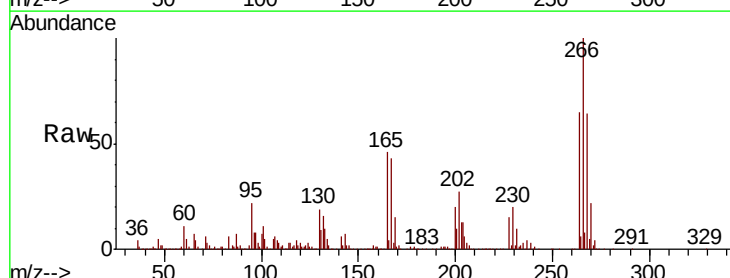
Tgt Ion:266 Resp: 489329

Ion Ratio Lower Upper

266 100

268 64.3 50.8 76.2

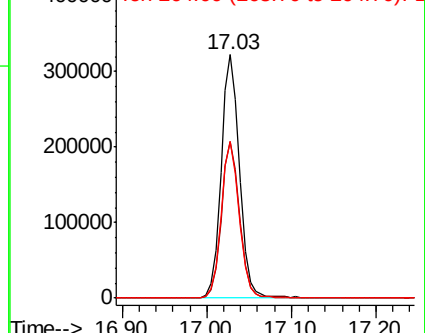
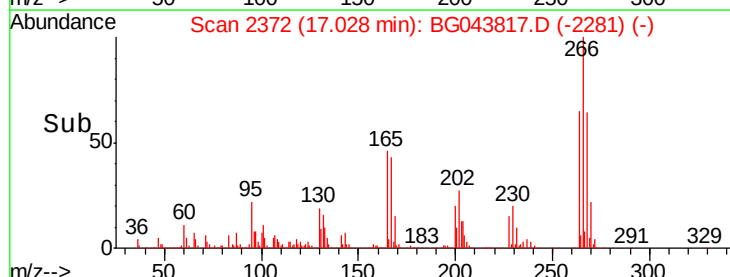
264 64.5 53.0 79.4

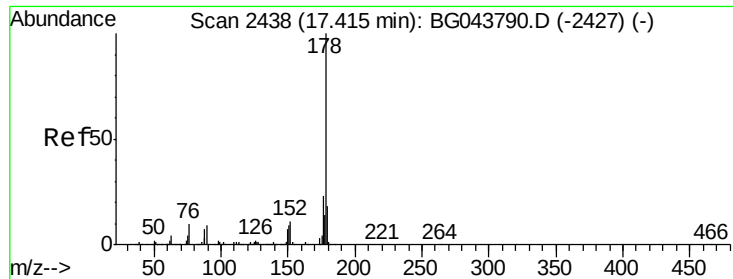


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

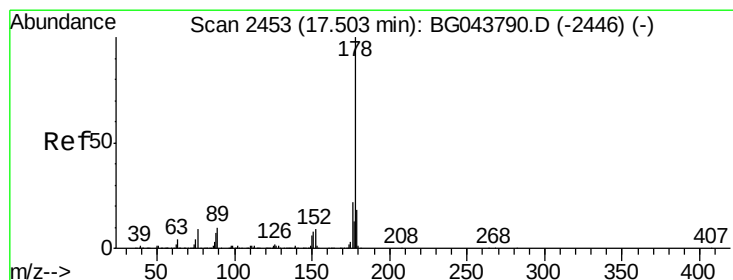
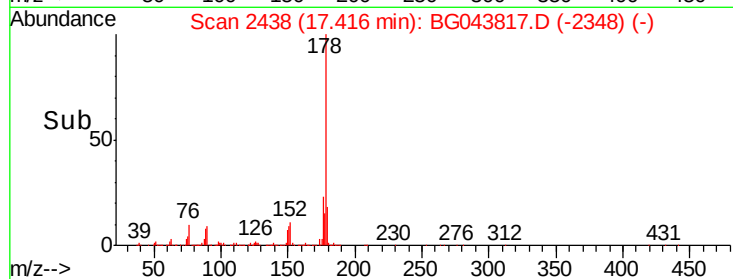
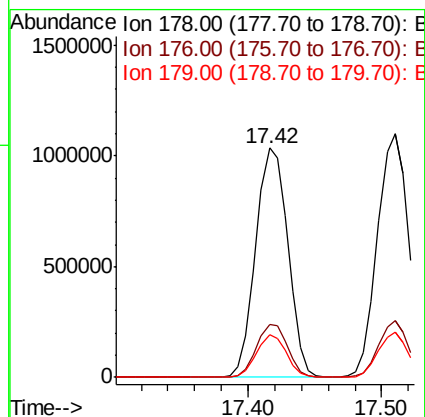
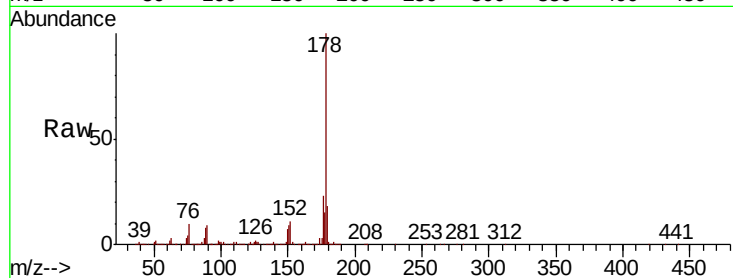




#71
Phenanthrene
Concen: 40.544 ng
RT: 17.42 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

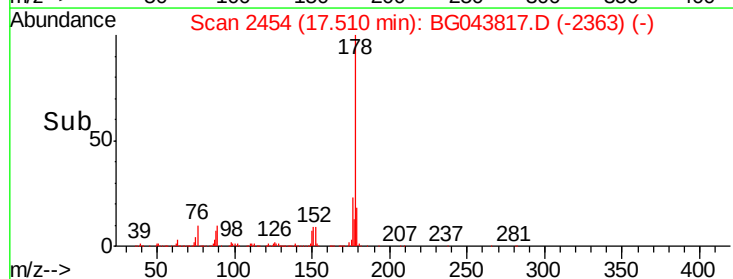
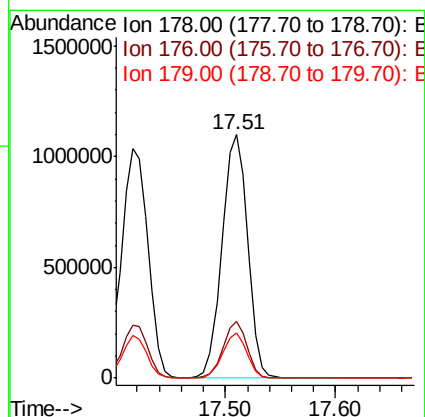
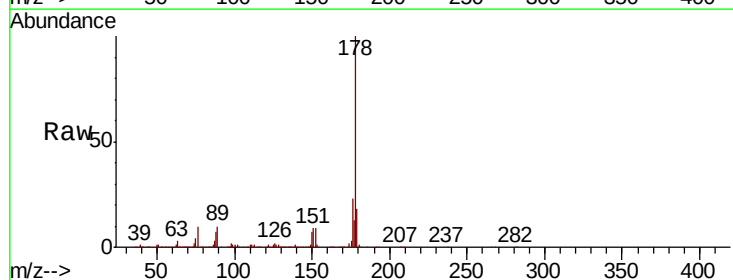
Instrument :
BNA_G
ClientSampled :

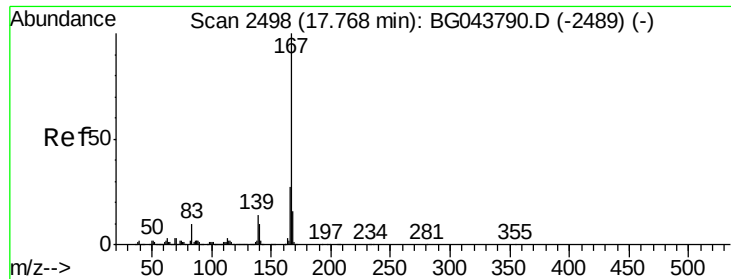
Tot Ion:178 Resp: 1725189
Ion Ratio Lower Upper
178 100
176 23.2 18.6 27.8
179 18.3 14.7 22.1



#72
Anthracene
Concen: 42.027 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.01 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion:178 Resp: 1770199
Ion Ratio Lower Upper
178 100
176 23.3 17.7 26.5
179 18.5 14.5 21.7





#73

Carbazole

Concen: 41.287 ng

RT: 17.77 min Scan# 2499

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampled :

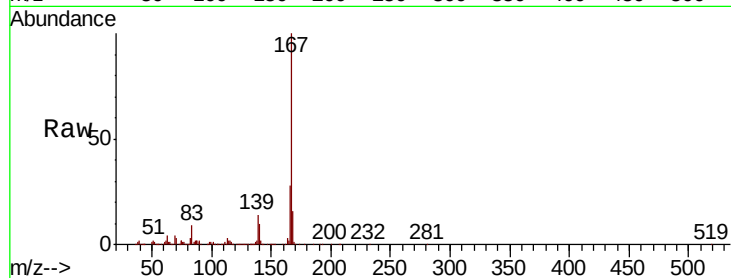
Tot Ion:167 Resp: 1625620

Ion Ratio Lower Upper

167 100

166 27.8 21.4 32.2

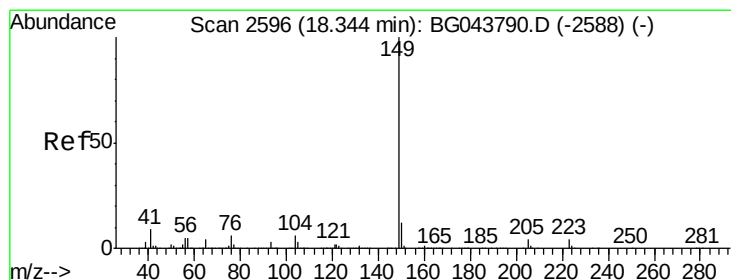
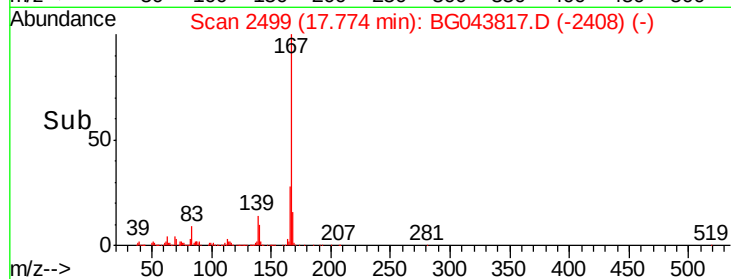
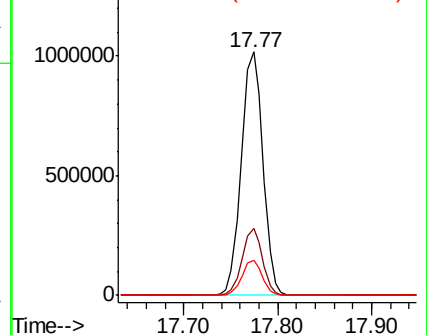
139 14.1 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.511 ng

RT: 18.34 min Scan# 2596

Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

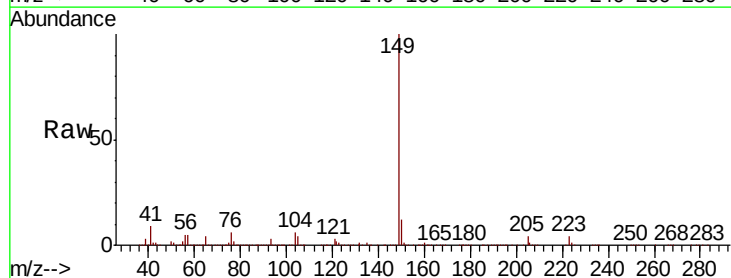
Tgt Ion:149 Resp: 1873658

Ion Ratio Lower Upper

149 100

150 12.0 9.4 14.0

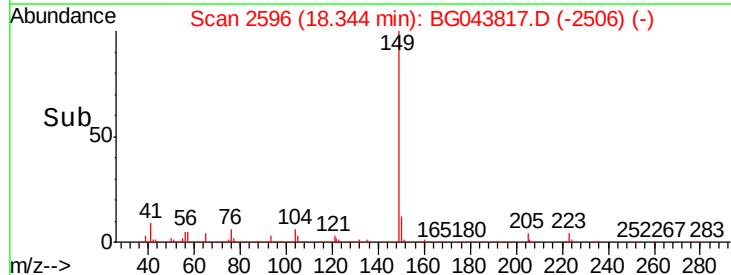
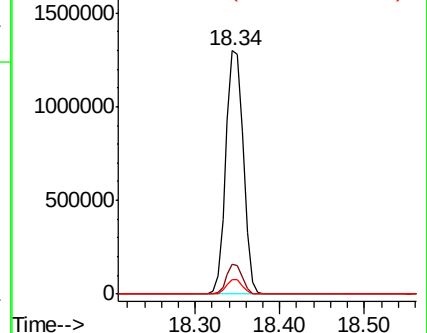
104 6.1 4.8 7.2

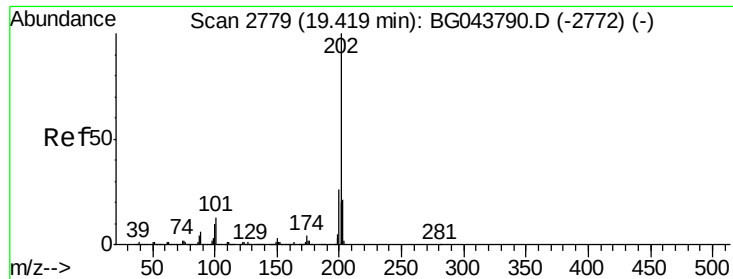


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.587 ng

RT: 19.43 min Scan# 2780

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampleId :

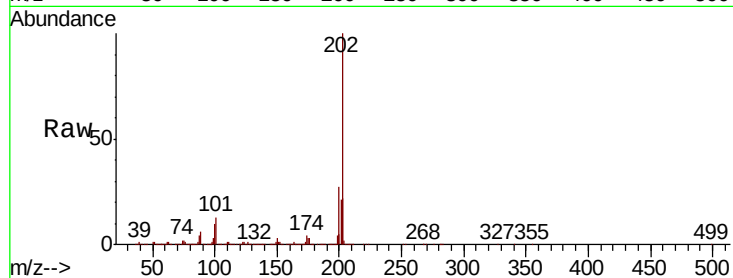
Tot Ion:202 Resp: 1976593

Ion Ratio Lower Upper

202 100

101 12.8 0.0 32.7

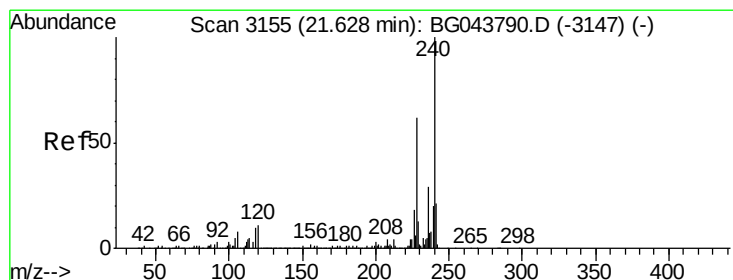
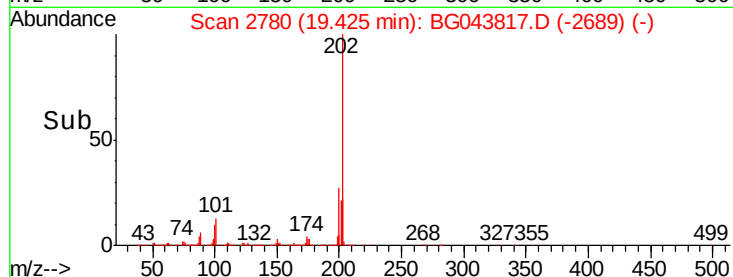
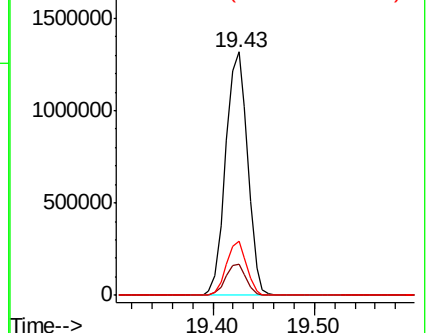
203 22.1 1.0 41.0



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: 21.63 min Scan# 3156

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

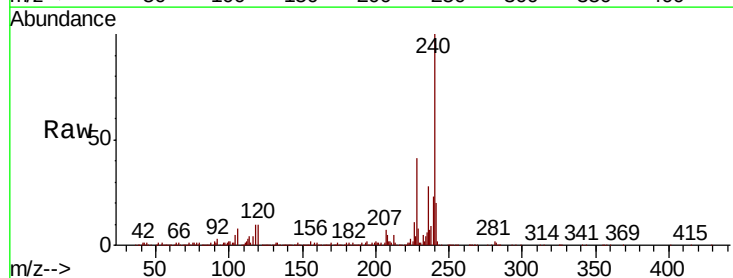
Tgt Ion:240 Resp: 757324

Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

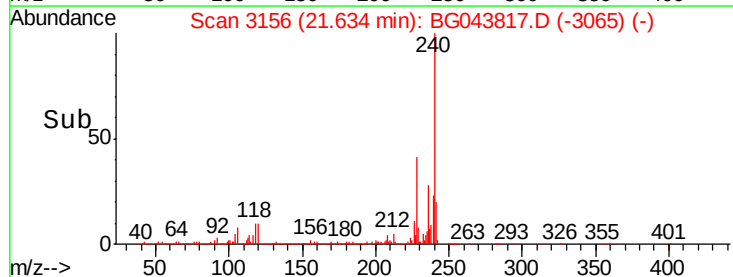
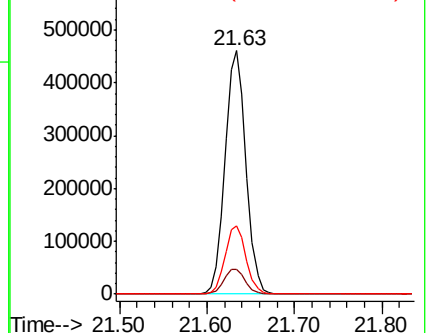
236 28.1 23.1 34.7

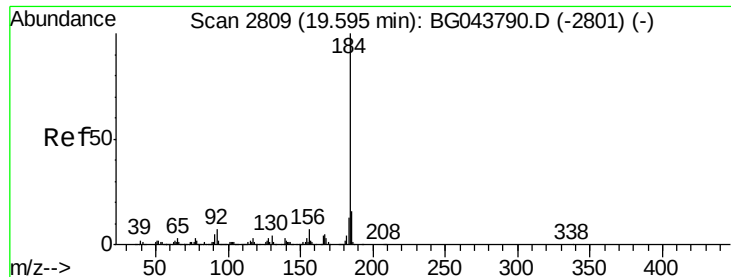


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.984 ng

RT: 19.60 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

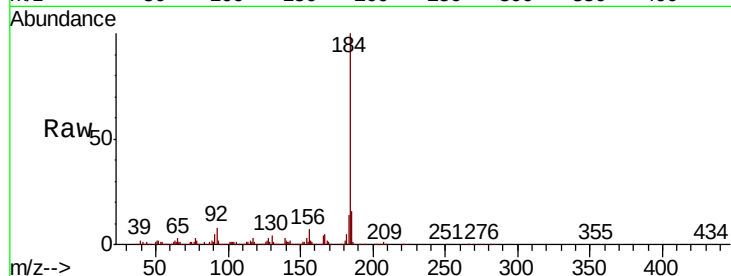
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 875395

Ion	Ratio	Lower	Upper
184	100		
185	16.4	12.9	19.3
183	14.4	10.3	15.5



Abundance

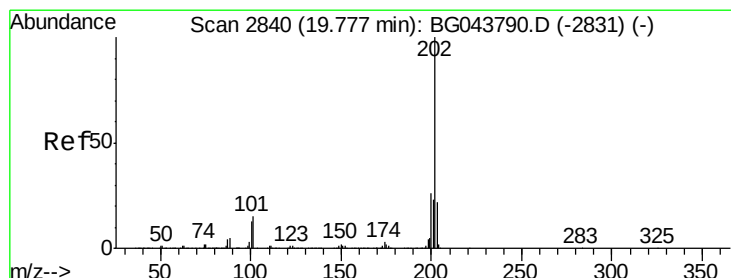
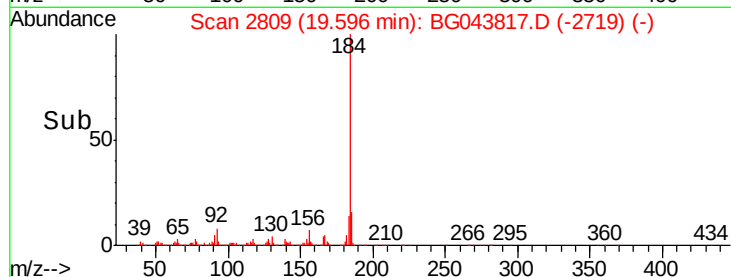
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.60

Time-->



#78

Pyrene

Concen: 40.304 ng

RT: 19.78 min Scan# 2841

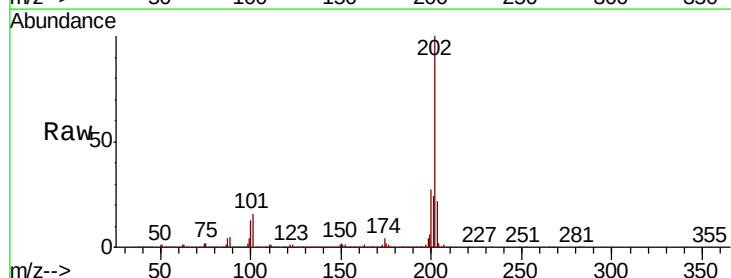
Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Tgt Ion:202 Resp: 1994722

Ion	Ratio	Lower	Upper
202	100		
200	27.0	20.8	31.2
203	22.3	17.7	26.5



Abundance

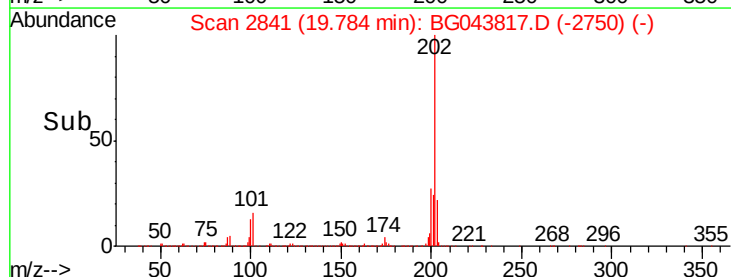
Ion 202.00 (201.70 to 202.70): E

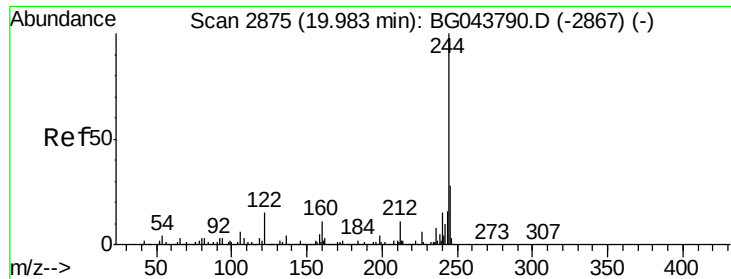
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.78

Time-->





#79

Terphenyl-d14

Concen: 76.944 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampleId :

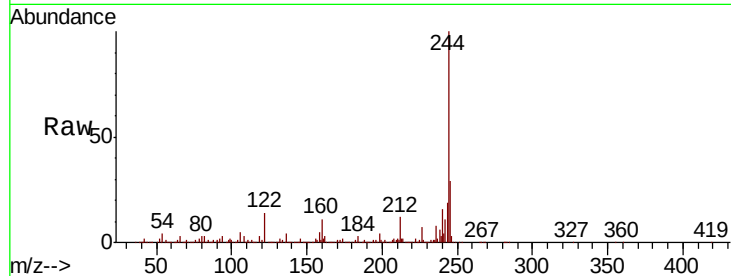
Tot Ion:244 Resp: 2422135

Ion Ratio Lower Upper

244 100

212 11.9 9.1 13.7

122 14.2 11.6 17.4

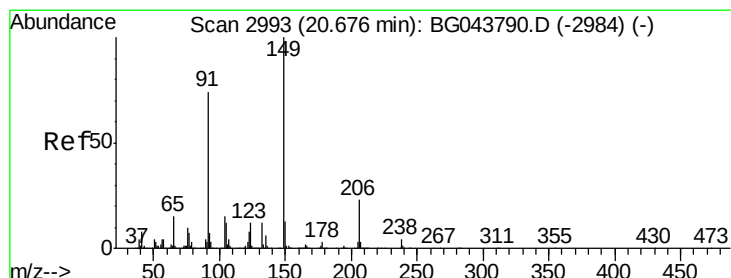
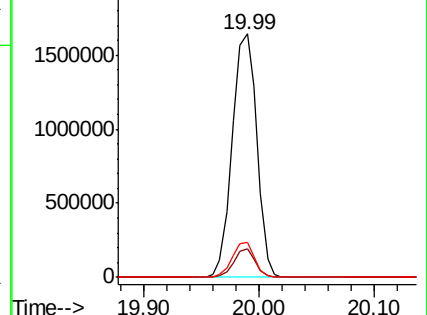
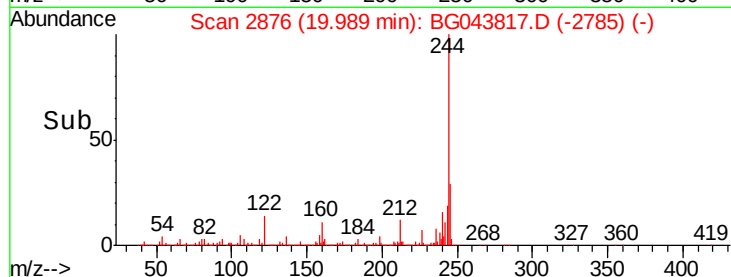


Abundance

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: 43.355 ng

RT: 20.68 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

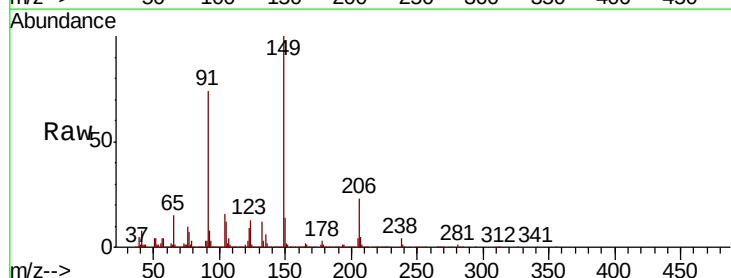
Tgt Ion:149 Resp: 893651

Ion Ratio Lower Upper

149 100

91 73.6 59.0 88.4

206 23.2 18.6 28.0

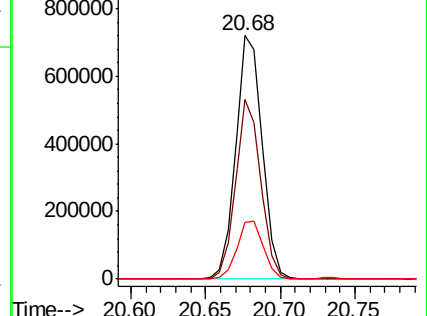
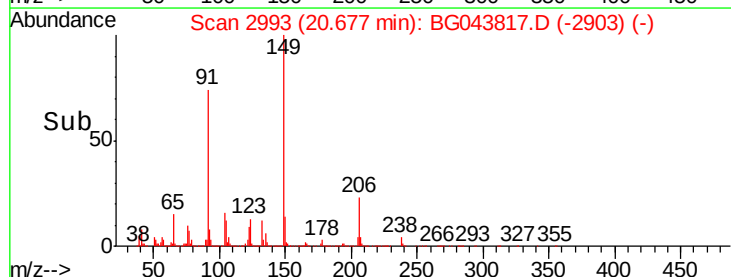


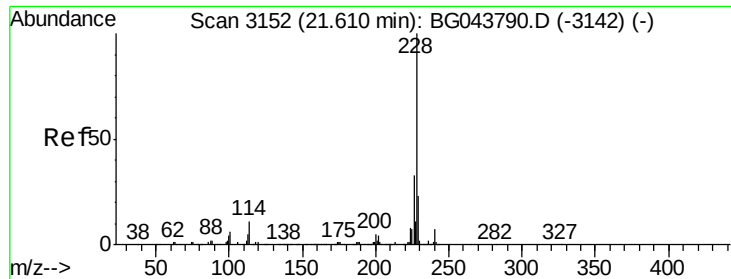
Abundance

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: 40.244 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampled :

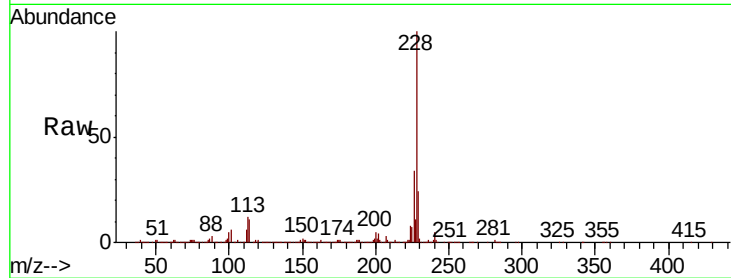
Tot Ion:228 Resp: 1923600

Ion Ratio Lower Upper

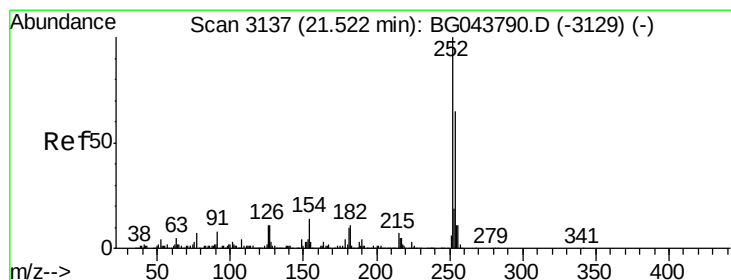
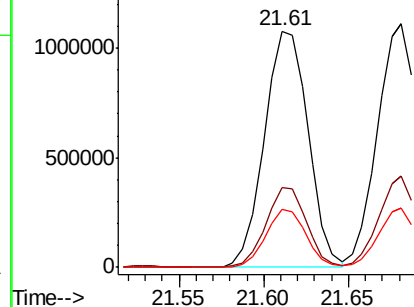
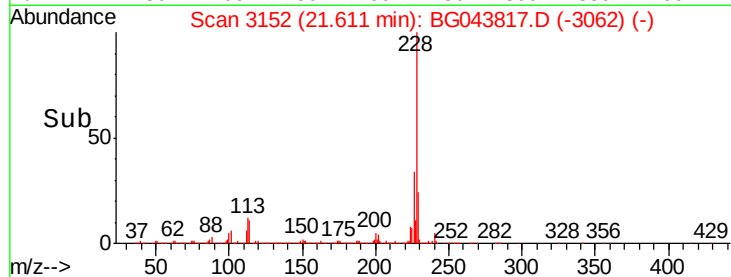
228 100

226 33.7 26.1 39.1

229 24.4 18.6 27.8



Abundance Ion 228.00 (227.70 to 228.70): E
1500000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.224 ng

RT: 21.53 min Scan# 3138

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

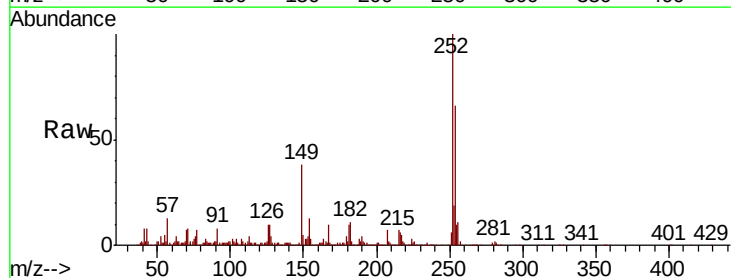
Tgt Ion:252 Resp: 568989

Ion Ratio Lower Upper

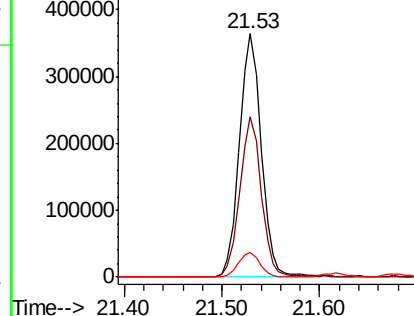
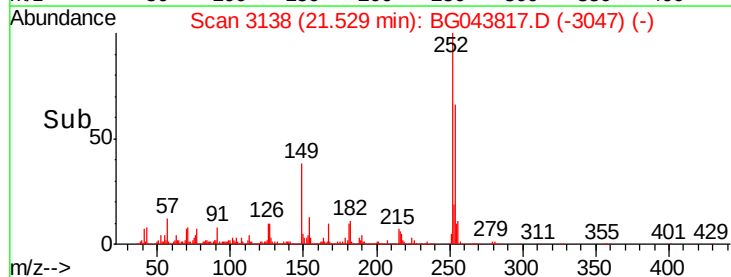
252 100

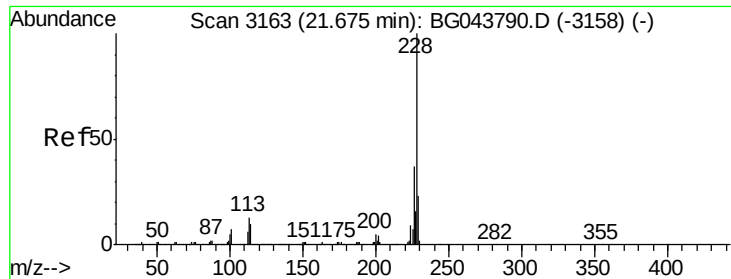
254 65.6 52.2 78.2

126 10.1 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
500000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

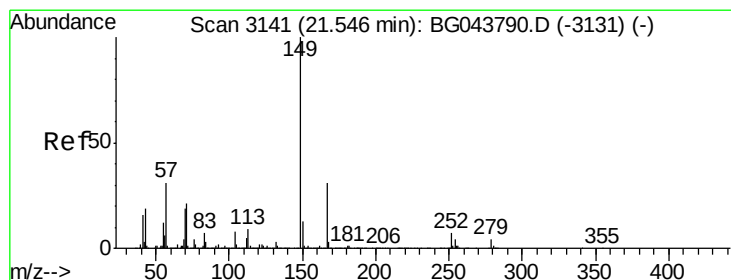
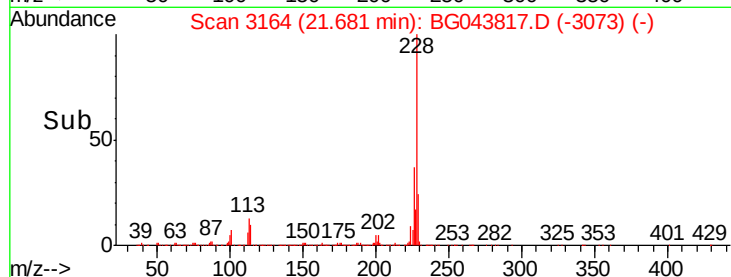
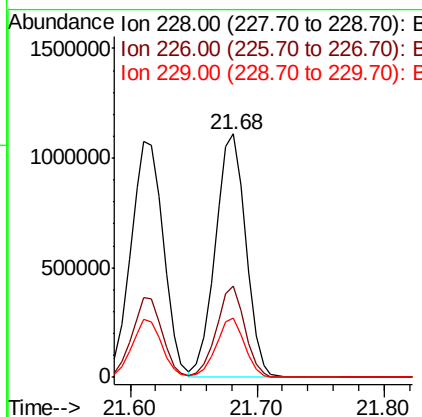
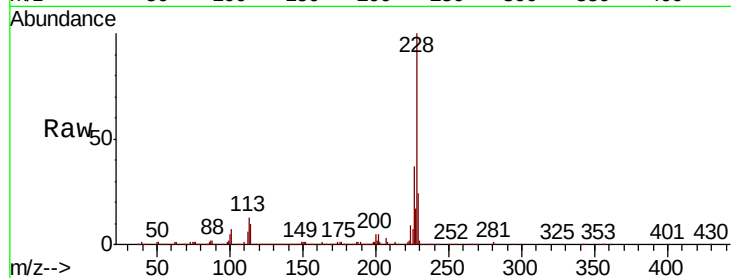




#83
 Chrysene
 Concen: 40.642 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. 0.01 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

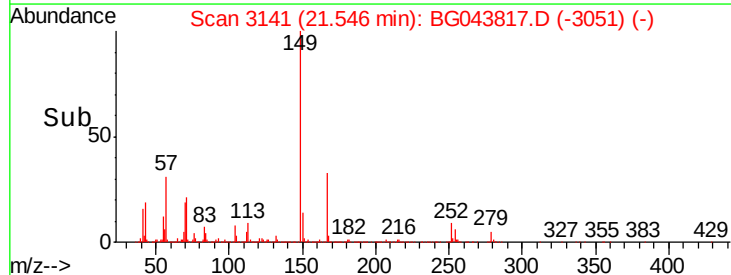
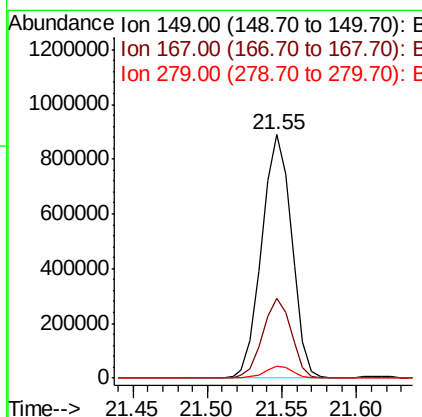
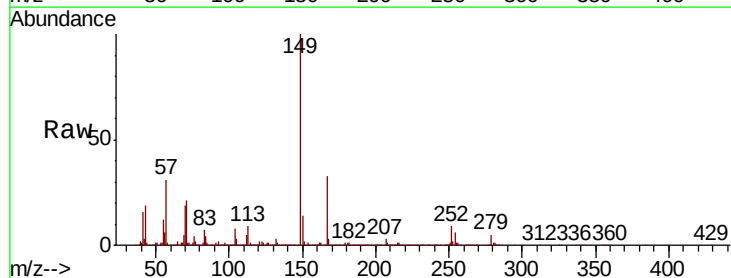
Instrument :
 BNA_G
 ClientSampled :

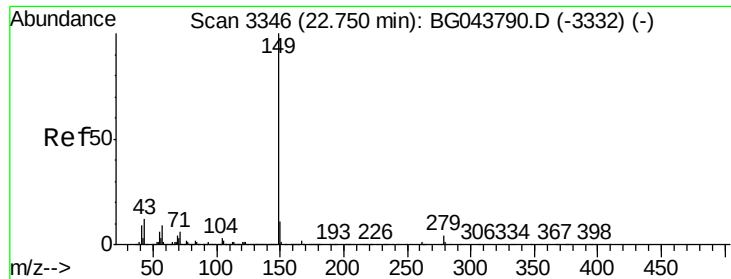
Tot Ion:228 Resp: 1850803
 Ion Ratio Lower Upper
 228 100
 226 37.3 29.1 43.7
 229 24.1 18.6 28.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.604 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG043817.D
 Acq: 17 Dec 2019 13:12

Tgt Ion:149 Resp: 1230062
 Ion Ratio Lower Upper
 149 100
 167 32.9 25.1 37.7
 279 4.7 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 44.213 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampled :

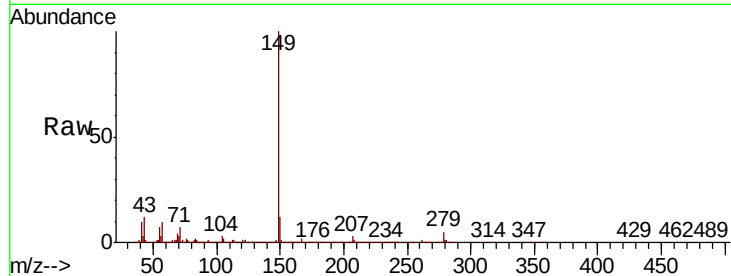
Tot Ion:149 Resp: 2137006

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

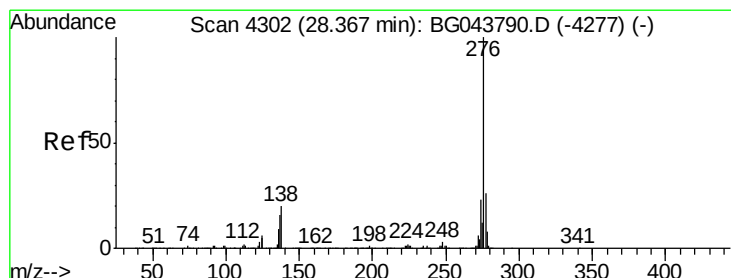
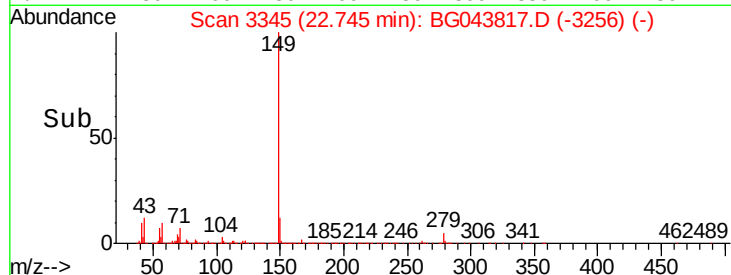
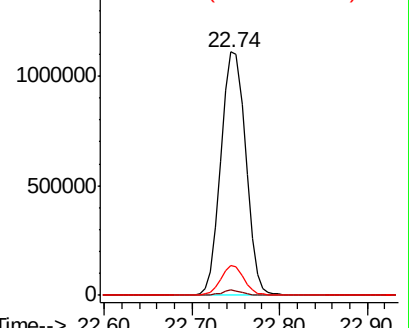
43 11.1 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.979 ng

RT: 28.38 min Scan# 4304

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

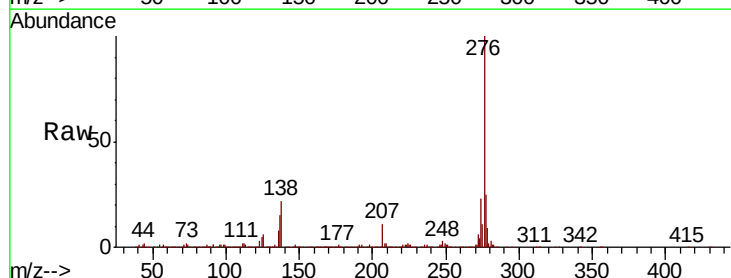
Tgt Ion:276 Resp: 1980517

Ion Ratio Lower Upper

276 100

138 16.8 14.6 21.8

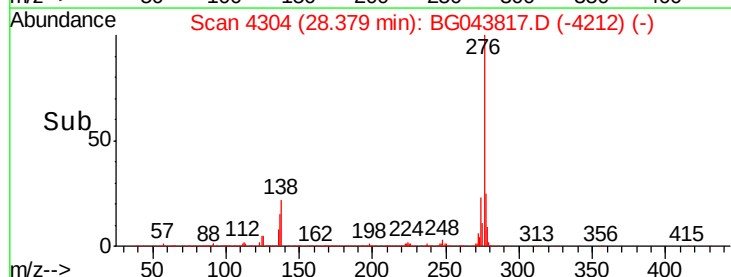
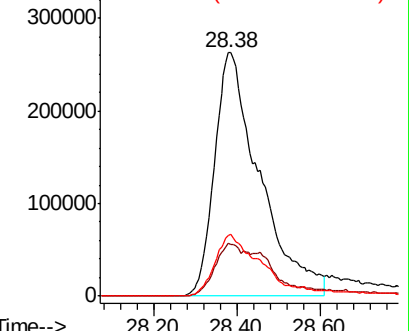
277 24.9 21.2 31.8

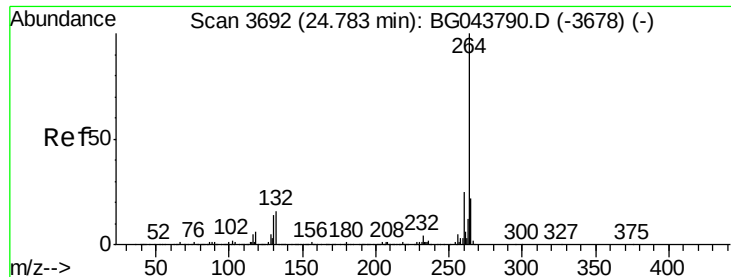


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3693

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

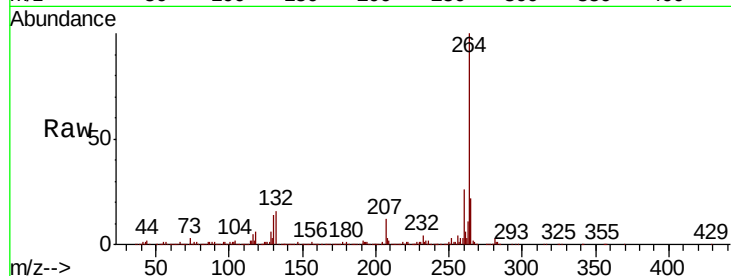
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 795477

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.8	29.8
265	22.2	17.9	26.9

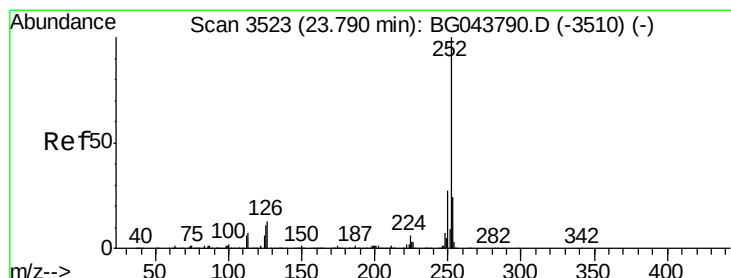
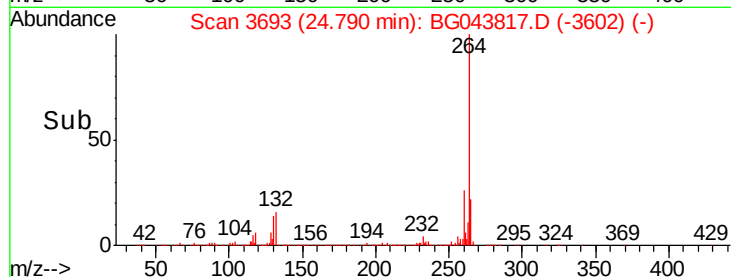
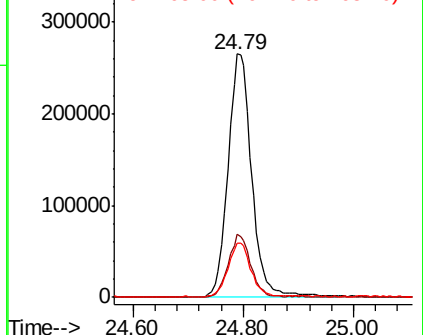


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.010 ng

RT: 23.80 min Scan# 3524

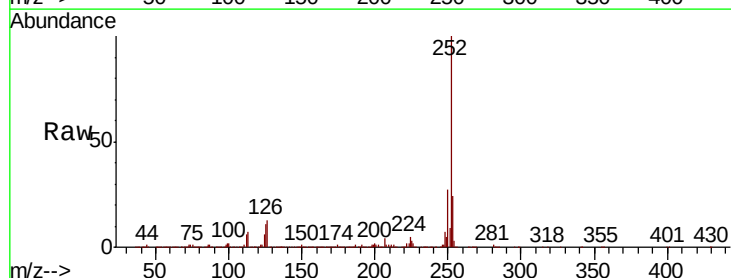
Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Tgt Ion:252 Resp: 1969874

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.5	29.3
125	11.0	9.0	13.4

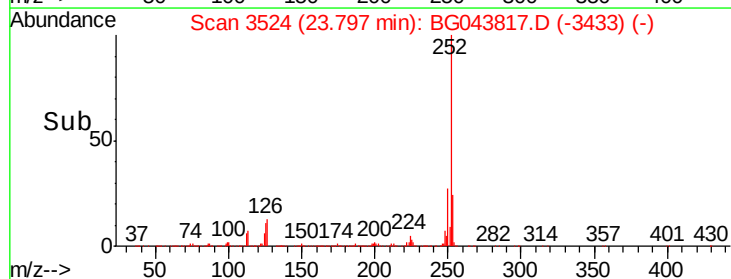
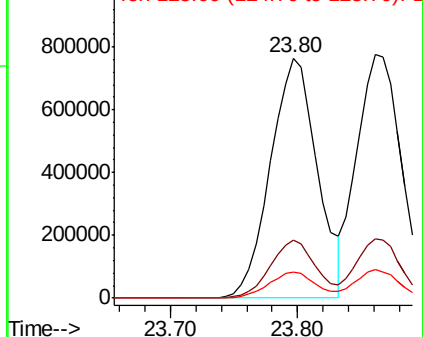


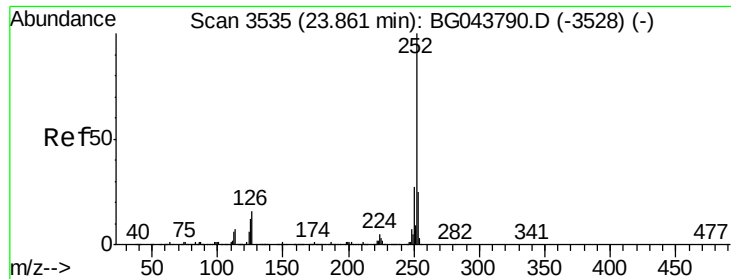
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.209 ng

RT: 23.86 min Scan# 3535

Delta R.T. 0.00 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

Instrument :

BNA_G

ClientSampled :

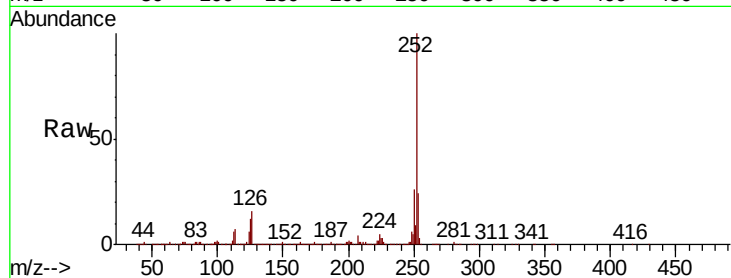
Tot Ion:252 Resp: 1911713

Ion Ratio Lower Upper

252 100

253 24.5 19.4 29.0

125 11.6 8.9 13.3

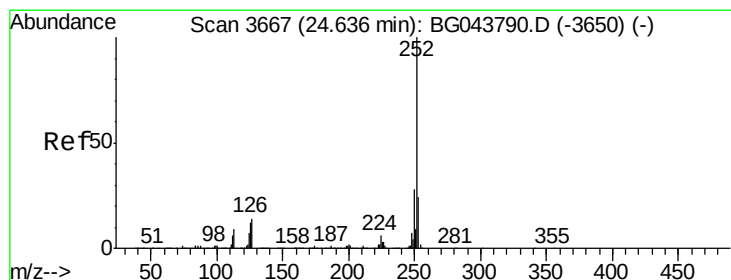
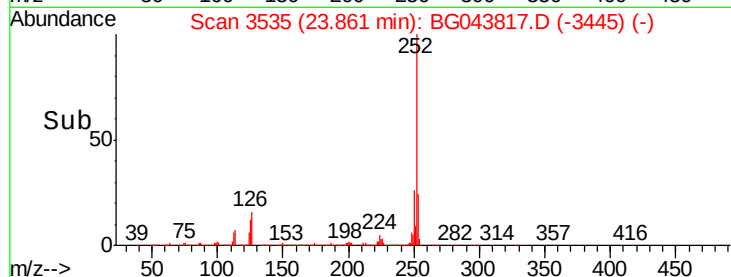
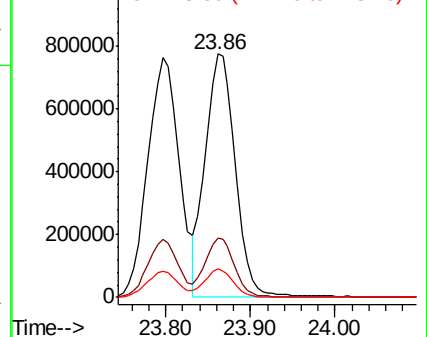


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.495 ng

RT: 24.64 min Scan# 3668

Delta R.T. 0.01 min

Lab File: BG043817.D

Acq: 17 Dec 2019 13:12

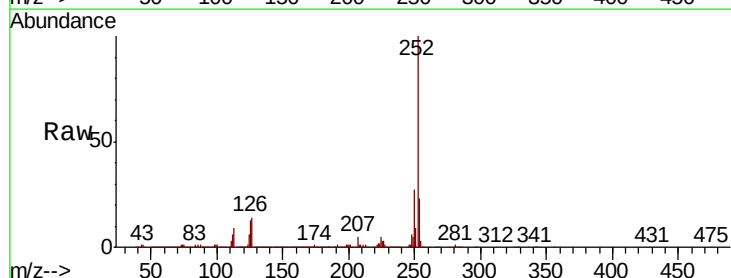
Tgt Ion:252 Resp: 1854796

Ion Ratio Lower Upper

252 100

253 23.1 19.1 28.7

125 12.8 9.4 14.0

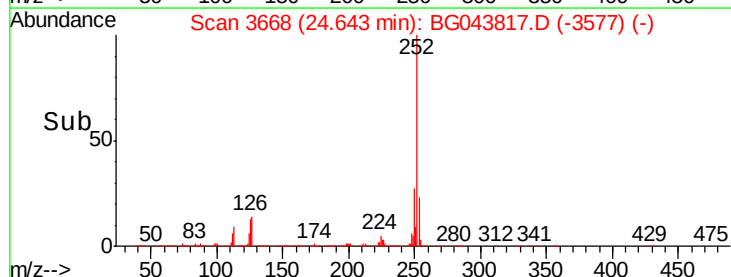
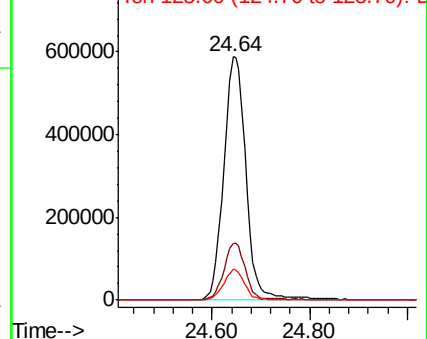


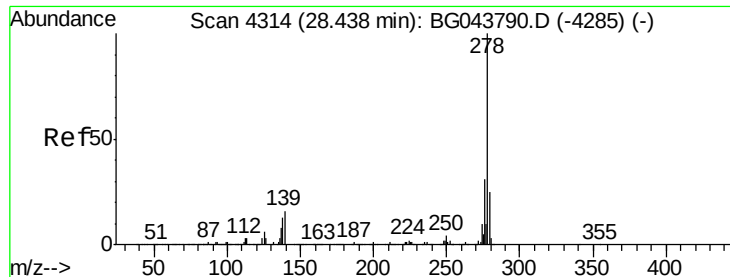
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

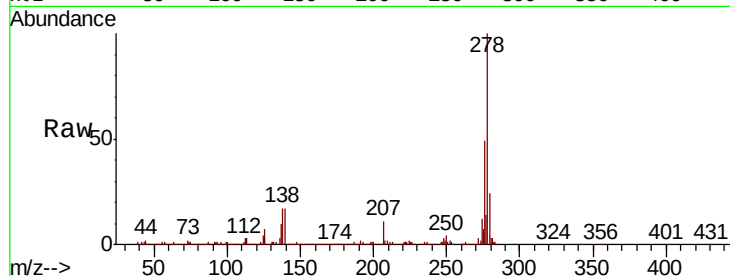




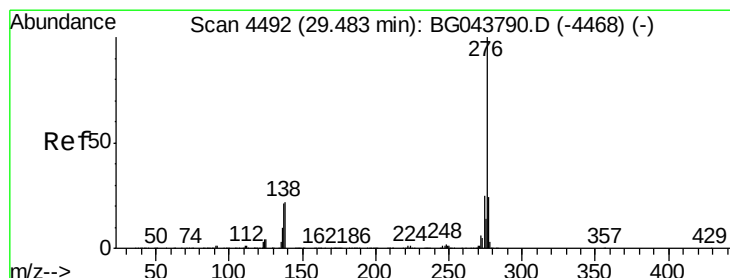
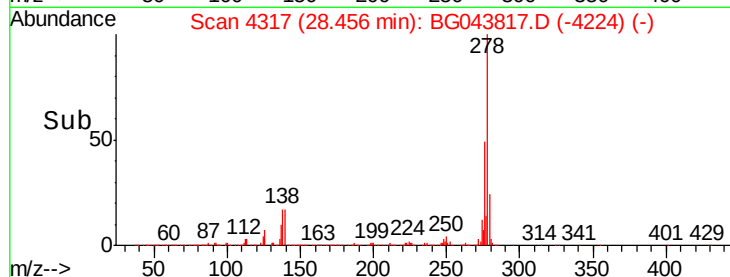
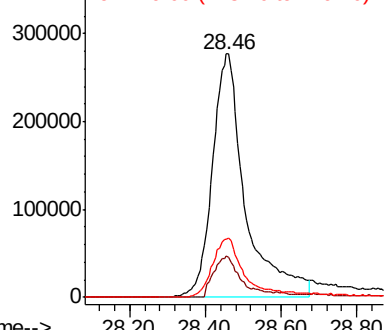
#91
Dibenzo(a,h)anthracene
Concen: 38.579 ng
RT: 28.46 min Scan# 4317
Delta R.T. 0.02 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1681927
Ion Ratio Lower Upper
278 100
139 17.1 13.2 19.8
279 24.0 19.8 29.6

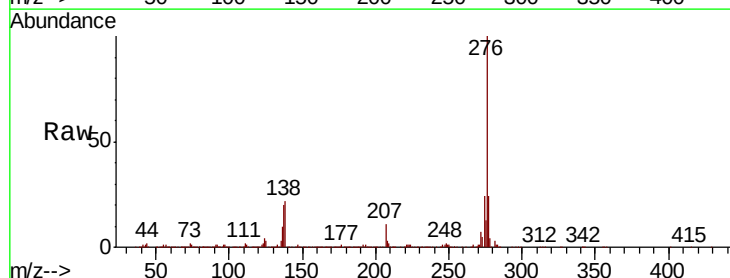


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.616 ng
RT: 29.50 min Scan# 4495
Delta R.T. 0.02 min
Lab File: BG043817.D
Acq: 17 Dec 2019 13:12

Tgt Ion:276 Resp: 1618338
Ion Ratio Lower Upper
276 100
277 24.4 19.3 28.9
138 22.1 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

