

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041815.D
 Acq On : 30 Jul 2019 23:47
 Operator : HP/JU
 Sample : K4044-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Jul 31 09:13:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 12:47:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	86863	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	319931	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	217740	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	554527	20.00	ng	0.00
76) Chrysene-d12	21.73	240	714569	20.00	ng	0.00
87) Perylene-d12	25.00	264	819271	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	561647	125.80	ng	0.00
7) Phenol-d6	7.20	99	693576	115.23	ng	0.00
23) Nitrobenzene-d5	9.20	82	506006	108.84	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	410908	166.14	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1281709	103.82	ng	0.00
79) Terphenyl-d14	20.07	244	2611406	83.62	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	5893	2.804	ng	# 1
3) Pyridine	3.89	79	14153	2.456	ng	89
4) n-Nitrosodimethylamine	3.79	42	4790	2.097	ng	# 81
8) 2-Chlorophenol	7.61	128	14387	2.814	ng	97
9) Benzaldehyde	7.17	77	10542	2.489	ng	81
10) Phenol	7.22	94	21119	3.373	ng	92
11) bis(2-Chloroethyl)ether	7.45	93	12778	2.482	ng	87
12) 1,3-Dichlorobenzene	7.93	146	17220	2.581	ng	96
13) 1,4-Dichlorobenzene	8.08	146	18130	2.716	ng	90
14) 1,2-Dichlorobenzene	8.41	146	16389	2.573	ng	94
15) Benzyl Alcohol	8.28	79	10095	2.132	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	21872	2.388	ng	93
17) 2-Methylphenol	8.48	107	11907	2.615	ng	90
18) Hexachloroethane	9.14	117	5624	2.460	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	9849	2.254	ng	# 90
20) 3+4-Methylphenols	8.81	107	14333	2.300	ng	98
22) Acetophenone	8.86	105	21425	2.994	ng	# 86
24) Nitrobenzene	9.25	77	14301	2.920	ng	94
25) Isophorone	9.77	82	25606	2.532	ng	# 91
26) 2-Nitrophenol	9.97	139	6807	2.995	ng	96
27) 2,4-Dimethylphenol	10.03	122	10377	2.587	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	15801	2.500	ng	98
29) 2,4-Dichlorophenol	10.51	162	13003	2.661	ng	94
30) 1,2,4-Trichlorobenzene	10.73	180	16804	2.712	ng	96
31) Naphthalene	10.92	128	43332	2.959	ng	98
32) Benzoic acid	10.03	122	10377	11.691	ng	# 9
34) Hexachlorobutadiene	11.21	225	10950	2.619	ng	90
35) Caprolactam	11.77	113	3686	2.171	ng	# 84
36) 4-Chloro-3-methylphenol	12.14	107	12685	2.619	ng	95
37) 2-Methylnaphthalene	12.53	142	30948	2.670	ng	97
38) 1-Methylnaphthalene	12.75	142	31465	2.865	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	20157	2.925	ng	95
43) 2,4,6-Trichlorophenol	13.14	196	10594	2.432	ng	92
44) 2,4,5-Trichlorophenol	13.20	196	12124	2.678	ng	93

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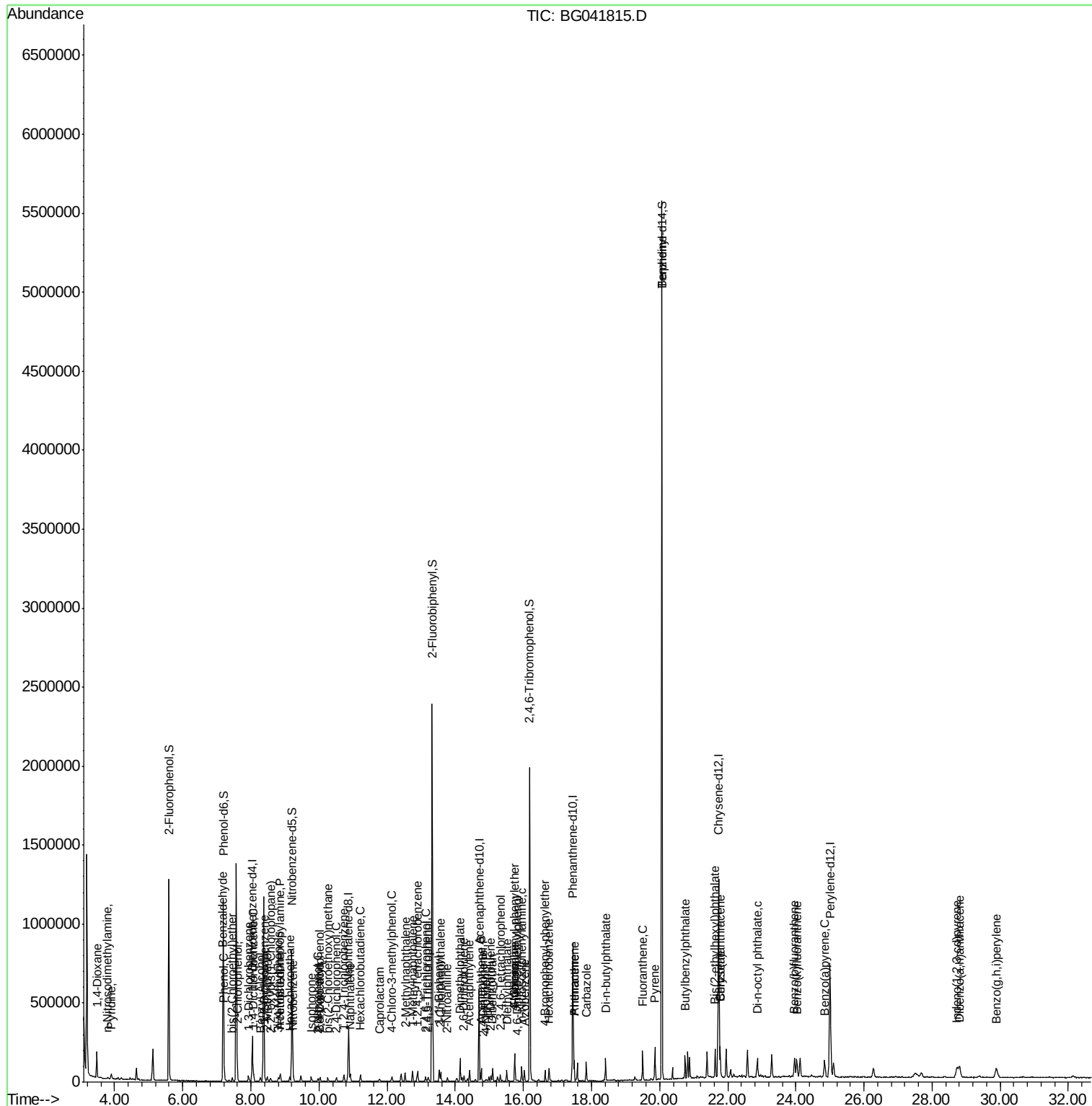
Quant Time: Jul 31 09:13:08 2019
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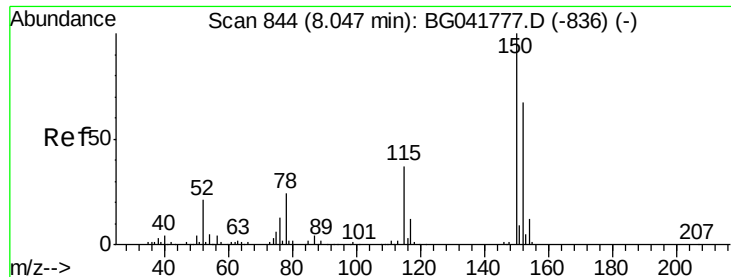
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.54	154	43626	3.117	nq	91
47) 2-Chloronaphthalene	13.58	162	33176	2.784	nq	92
48) 2-Nitroaniline	13.77	65	7737	2.560	nq #	81
49) Acenaphthylene	14.42	152	53110	2.979	nq #	94
50) Dimethylphthalate	14.15	163	101479	6.824	nq	98
51) 2,6-Dinitrotoluene	14.26	165	8775	2.822	nq	92
52) Acenaphthene	14.76	154	30314	2.615	nq	98
54) 2,4-Dinitrophenol	14.81	184	724	3.790	nq #	92
55) Dibenzofuran	15.10	168	55246	3.115	nq	95
56) 4-Nitrophenol	14.90	139	5919	2.344	nq	90
57) 2,4-Dinitrotoluene	15.05	165	11794	2.758	nq #	90
58) Fluorene	15.74	166	43852	3.081	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	10843	2.418	nq #	94
60) Diethylphthalate	15.52	149	42989	2.945	nq	98
61) 4-Chlorophenyl-phenylether	15.74	204	23360	2.689	nq	97
62) 4-Nitroaniline	15.76	138	8988	2.494	nq	93
63) Azobenzene	16.03	77	35189	2.951	nq	94
65) 4,6-Dinitro-2-methylphenol	15.82	198	3299	7.894	nq	92
66) n-Nitrosodiphenylamine	15.95	169	40766	2.699	nq	98
67) 4-Bromophenyl-phenylether	16.64	248	16925	2.478	nq	98
68) Hexachlorobenzene	16.75	284	18116	2.535	nq #	88
71) Phenanthrene	17.50	178	89913	3.383	nq #	91
72) Anthracene	17.50	178	89913	3.392	nq	91
73) Carbazole	17.85	167	84319	3.544	nq #	91
74) Di-n-butylphthalate	18.42	149	95872	3.554	nq #	92
75) Fluoranthene	19.50	202	125728	3.891	nq	87
77) Benzidine	20.07	184	47284	2.027	nq #	92
78) Pylene	19.86	202	133301	3.149	nq #	87
80) Butylbenzylphthalate	20.75	149	46041	2.836	nq	92
81) Benzo(a)anthracene	21.78	228	126689	2.997	nq	95
83) Chrysene	21.78	228	126689	3.126	nq	92
84) Bis(2-ethylhexyl)phthalate	21.63	149	66812	2.984	nq	94
85) Di-n-octyl phthalate	22.87	149	109677	2.911	nq	95
86) Indeno(1,2,3-cd)pyrene	28.74	276	141966	2.646	nq #	87
88) Benzo(b)fluoranthene	23.96	252	134138	2.993	nq #	92
89) Benzo(k)fluoranthene	24.03	252	121266	2.778	nq #	93
90) Benzo(a)pyrene	24.85	252	121103	2.817	nq #	94
91) Dibenzo(a,h)anthracene	28.81	278	115893	2.746	nq #	96
92) Benzo(g,h,i)perylene	29.89	276	116781	2.769	nq #	94

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

```
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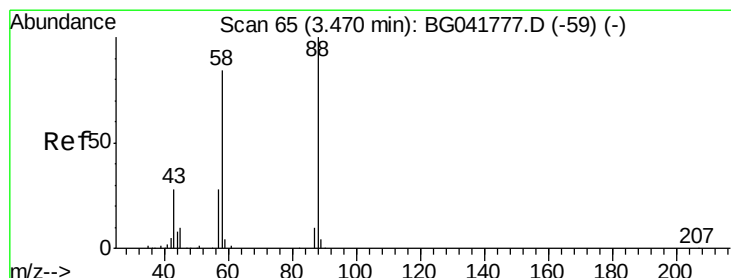
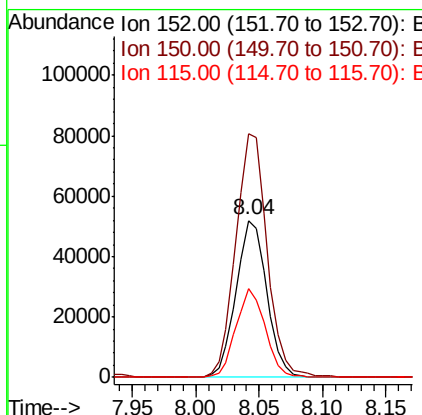
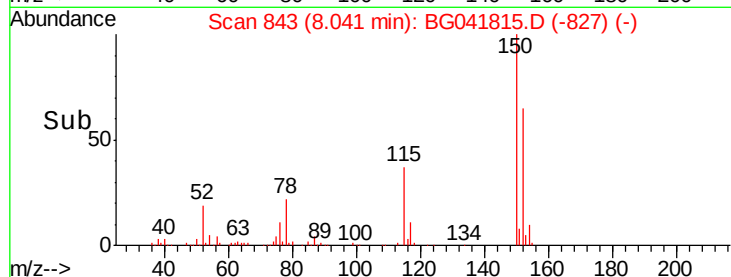
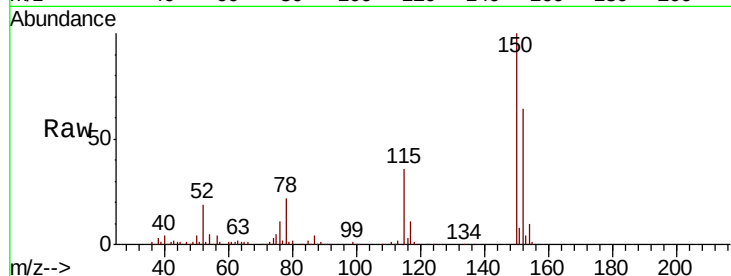


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Instrument :
BNA_G
ClientSampled :
TP-5

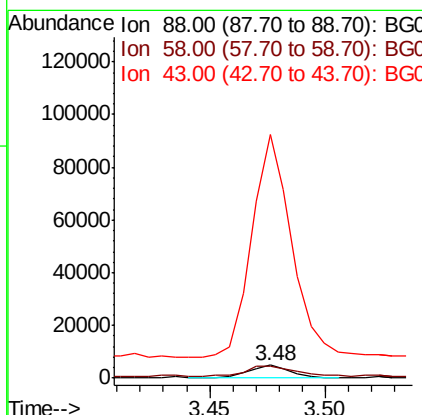
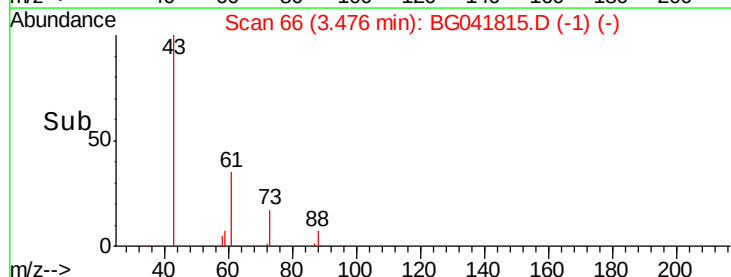
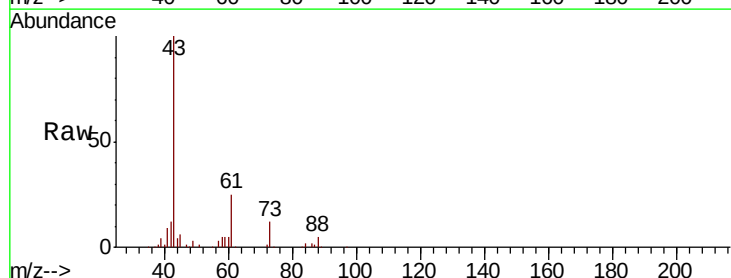
Tot Ion:152 Resp: 86863
Ion Ratio Lower Upper
152 100
150 155.1 126.9 190.3
115 56.4 45.0 67.6

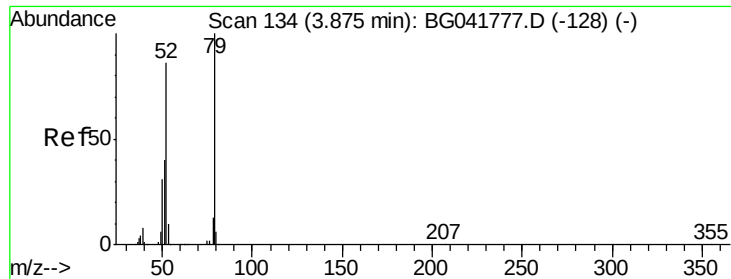


#2

1,4-Dioxane
Concen: 2.804 ng
RT: 3.48 min Scan# 66
Delta R.T. 0.01 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Tgt Ion: 88 Resp: 5893
Ion Ratio Lower Upper
88 100
58 97.2 76.2 114.2
43 1759.9 27.2 40.8#





#3

Pvridine

Concen: 2.456 ng

RT: 3.89 min Scan# 136

Delta R.T. 0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Instrument :

BNA_G

ClientSampled :

TP-5

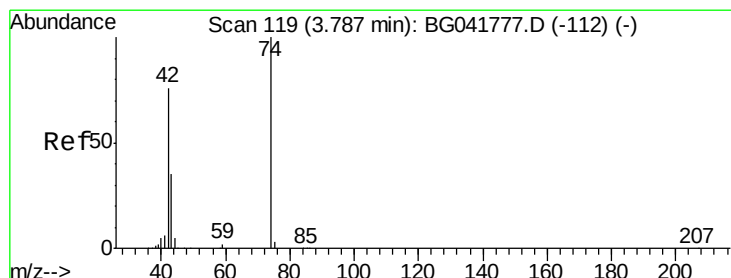
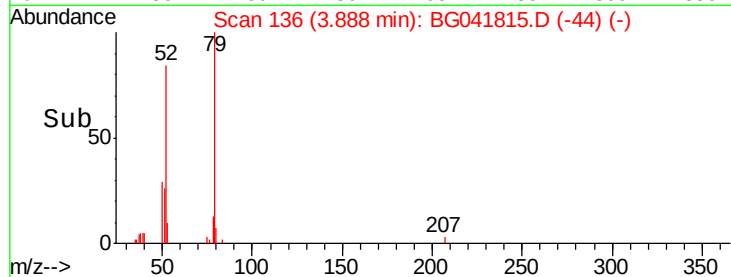
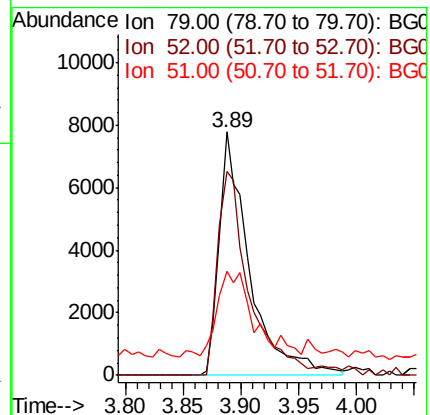
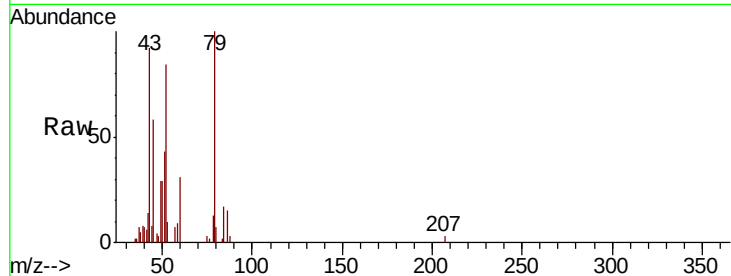
Tot Ion: 79 Resp: 14153

Ion Ratio Lower Upper

79 100

52 83.6 77.1 115.7

51 42.6 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 2.097 ng

RT: 3.79 min Scan# 119

Delta R.T. 0.00 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

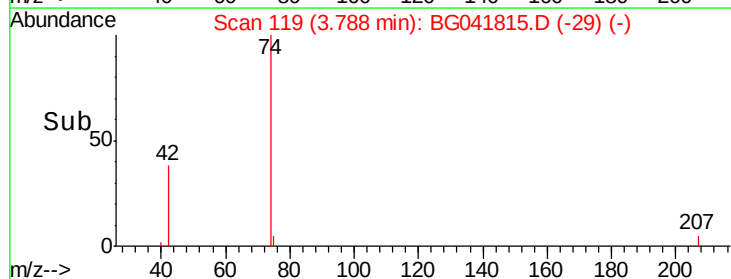
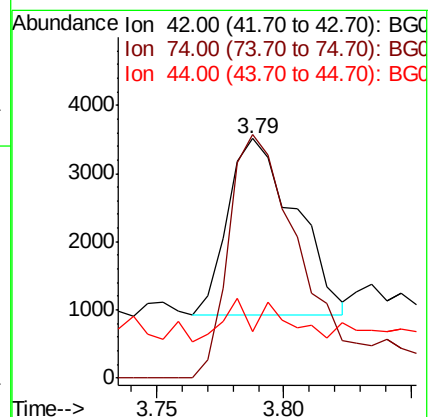
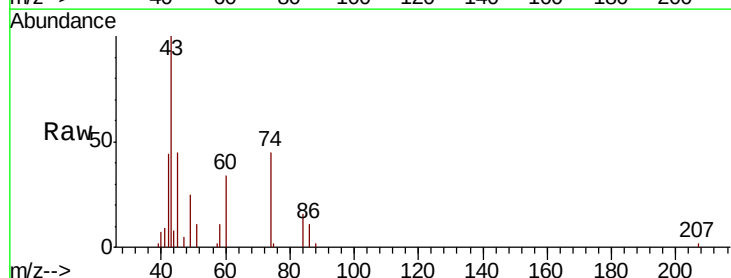
Tgt Ion: 42 Resp: 4790

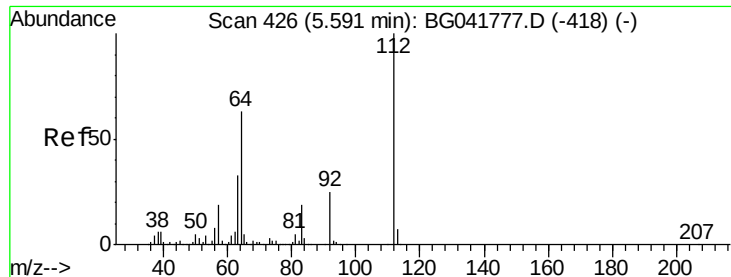
Ion Ratio Lower Upper

42 100

74 101.8 97.4 146.2

44 19.2 6.6 9.8#





#5

2-Fluorophenol

Concen: 125.802 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Instrument :

BNA_G

ClientSampleId :

TP-5

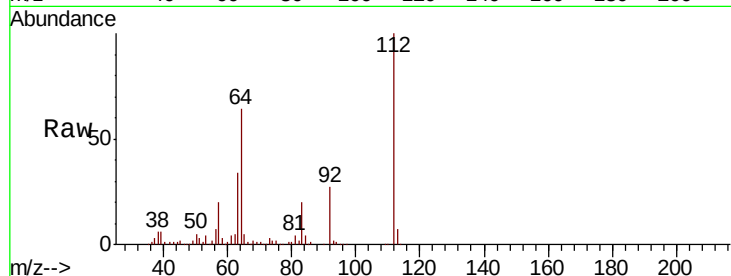
Tot Ion:112 Resp: 561647

Ion Ratio Lower Upper

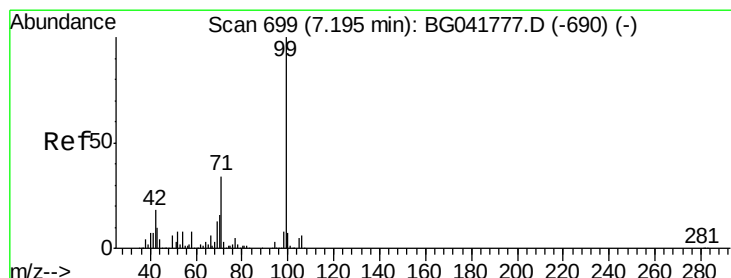
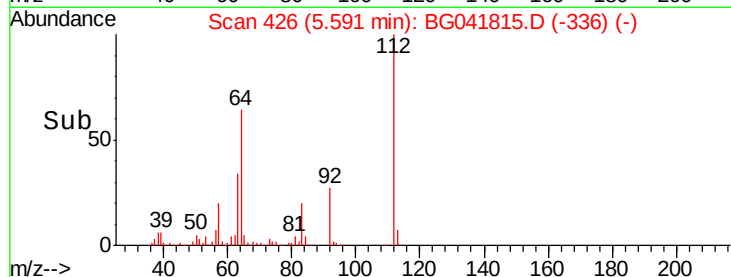
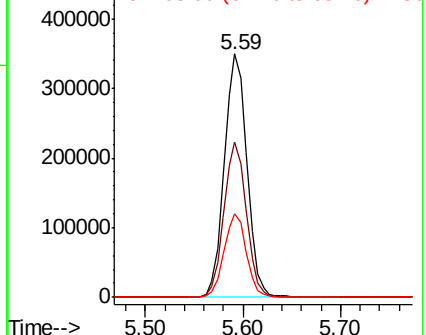
112 100

64 63.9 55.4 83.2

63 34.4 29.1 43.7



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



#7

Phenol-d6

Concen: 115.233 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

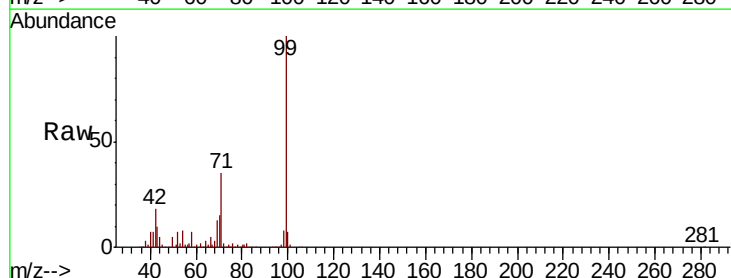
Tgt Ion: 99 Resp: 693576

Ion Ratio Lower Upper

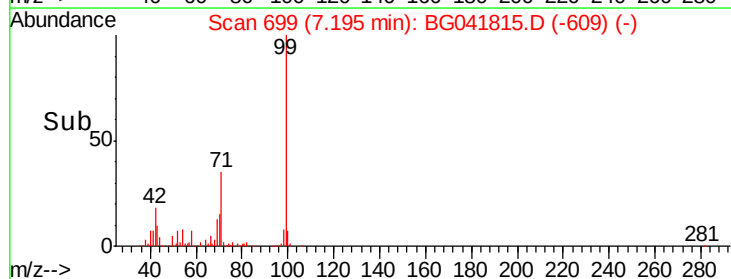
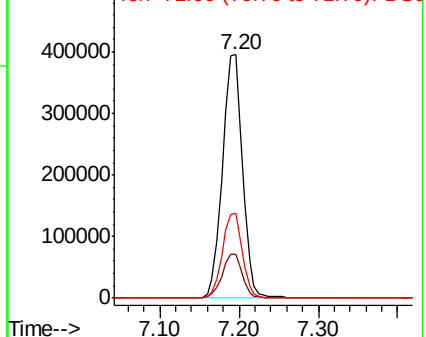
99 100

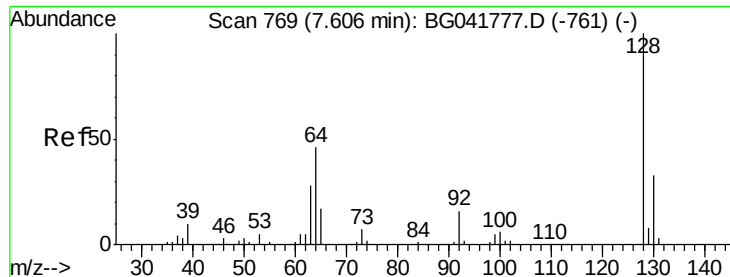
42 18.0 17.6 26.4

71 35.0 27.8 41.6



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





#8

2-Chlorophenol

Concen: 2.814 ng

RT: 7.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Instrument :

BNA_G

ClientSampleId :

TP-5

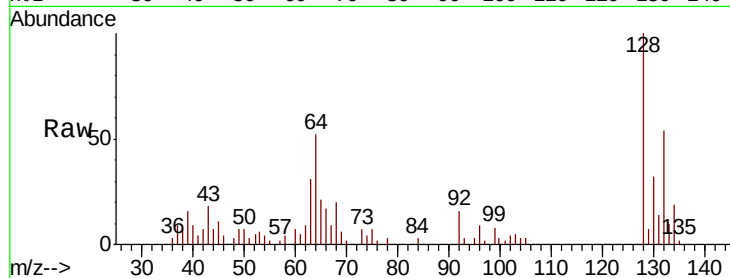
Tot Ion:128 Resp: 14387

Ion Ratio Lower Upper

128 100

130 31.6 12.4 52.4

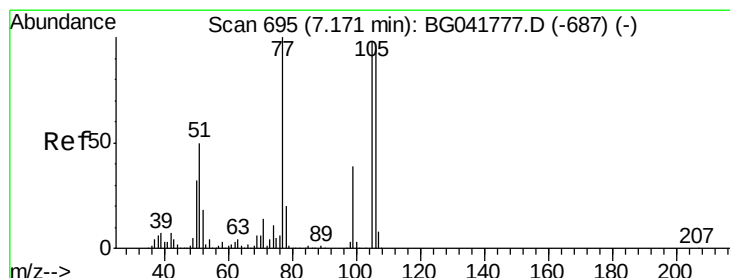
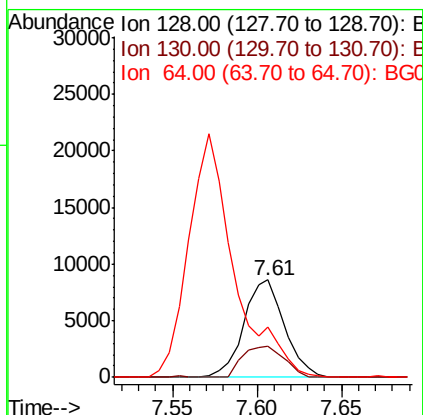
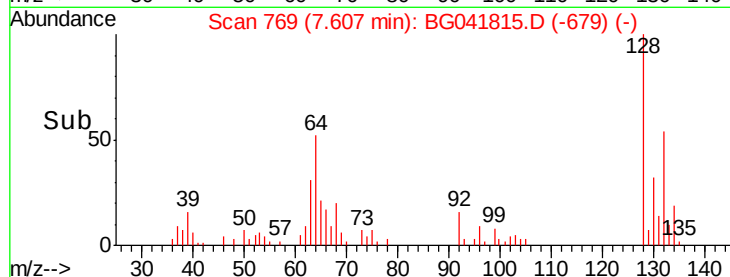
64 51.6 34.9 74.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 2.489 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

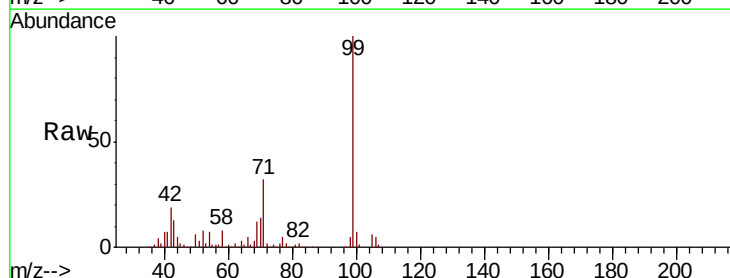
Tgt Ion: 77 Resp: 10542

Ion Ratio Lower Upper

77 100

105 112.9 74.6 114.6

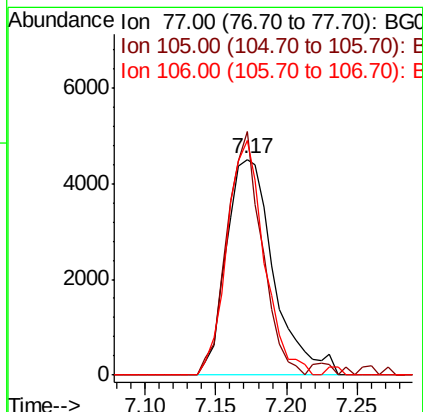
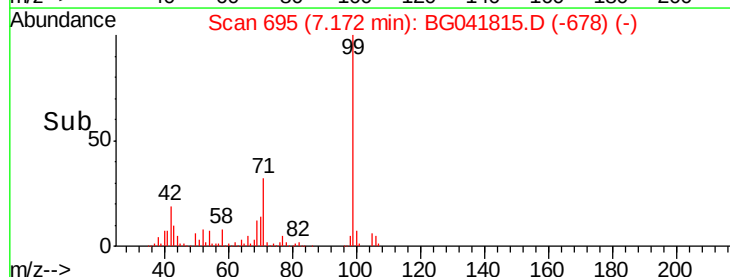
106 108.6 71.1 111.1

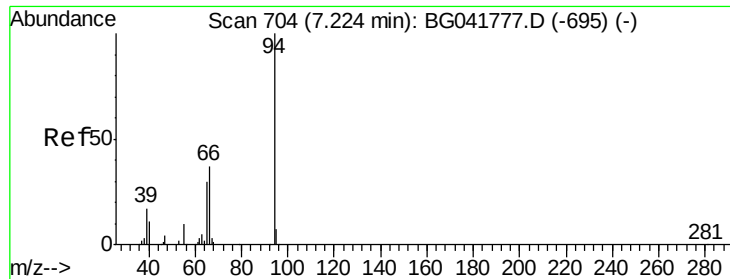


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.373 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Instrument :

BNA_G

ClientSampleId :

TP-5

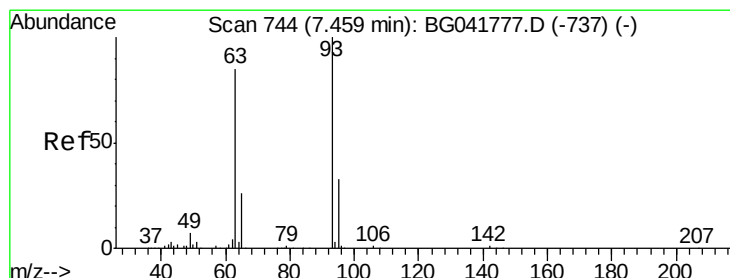
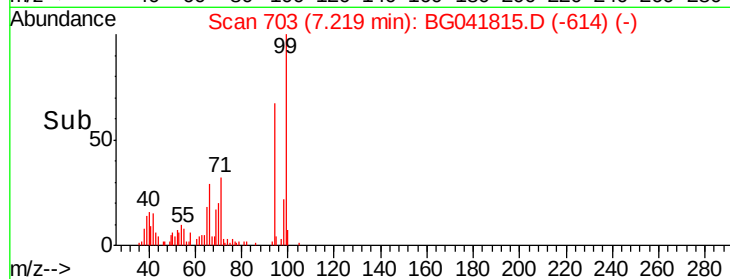
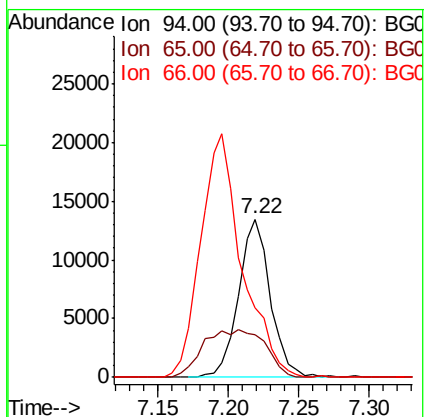
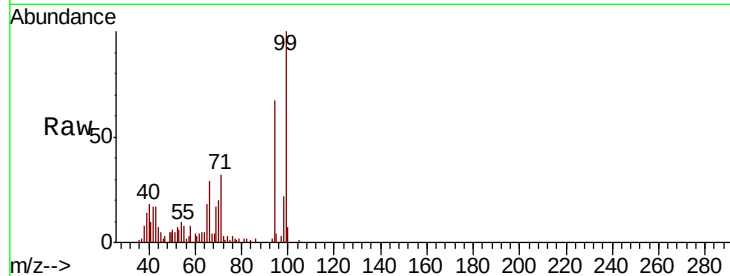
Tot Ion: 94 Resp: 21119

Ion Ratio Lower Upper

94 100

65 27.0 10.6 50.6

66 43.8 18.2 58.2



#11

bis(2-Chloroethyl)ether

Concen: 2.482 ng

RT: 7.45 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

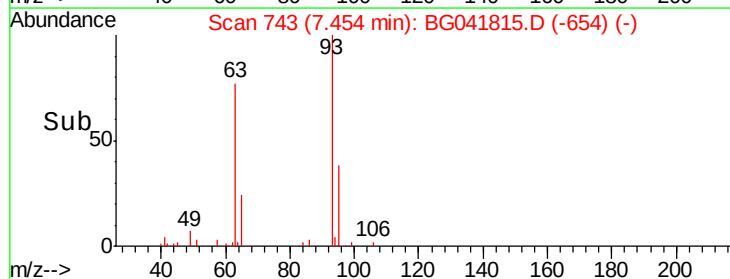
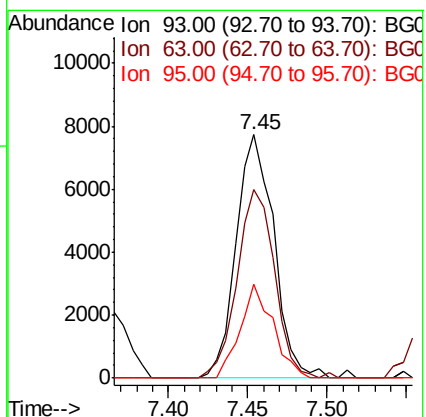
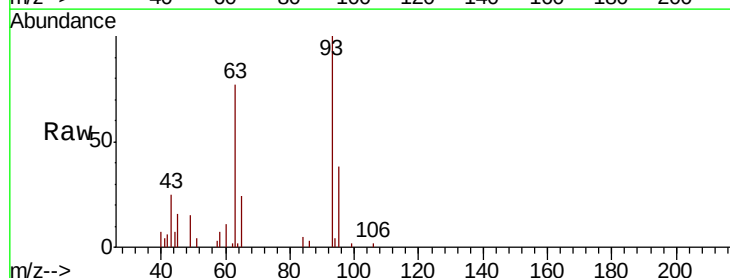
Tgt Ion: 93 Resp: 12778

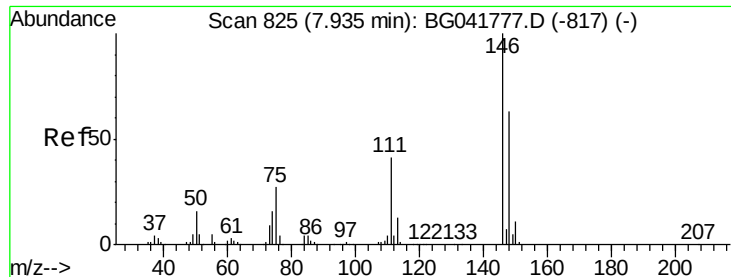
Ion Ratio Lower Upper

93 100

63 77.5 70.4 110.4

95 38.4 12.8 52.8





#12

1,3-Dichlorobenzene

Concen: 2.581 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Instrument :

BNA_G

ClientSampleId :

TP-5

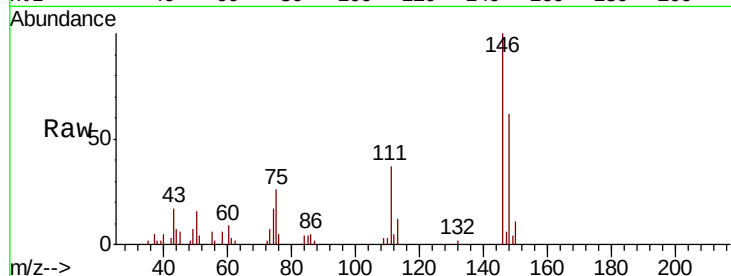
Tot Ion:146 Resp: 17220

Ion Ratio Lower Upper

146 100

148 61.7 51.5 77.3

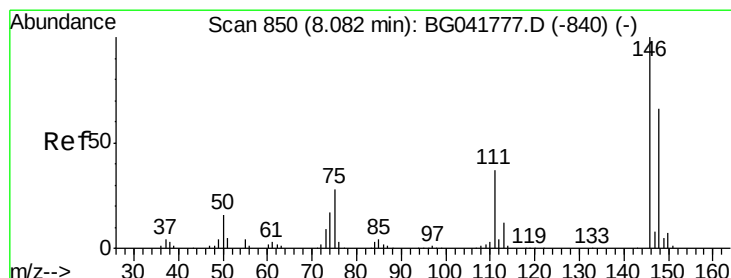
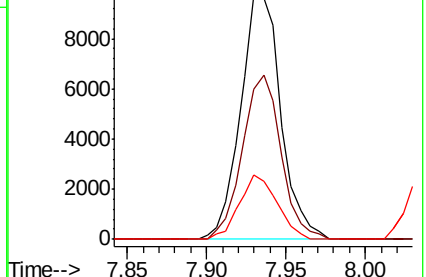
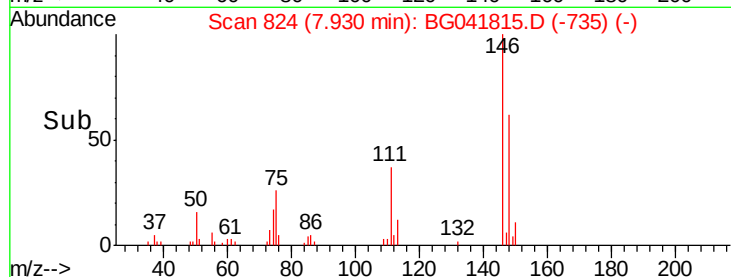
75 26.2 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 2.716 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

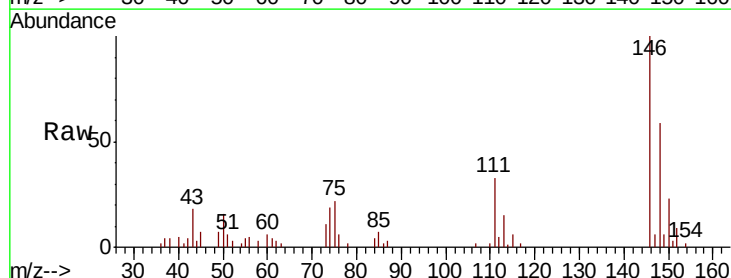
Tgt Ion:146 Resp: 18130

Ion Ratio Lower Upper

146 100

148 58.7 52.6 79.0

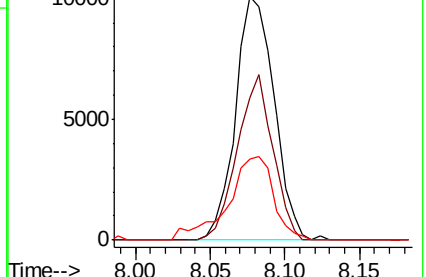
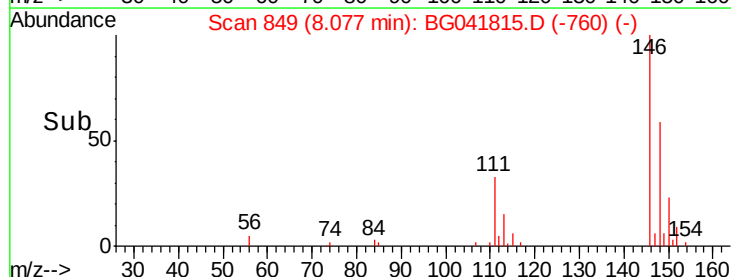
111 33.1 32.5 48.7

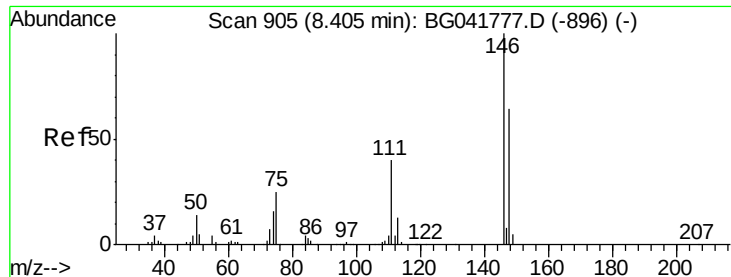


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

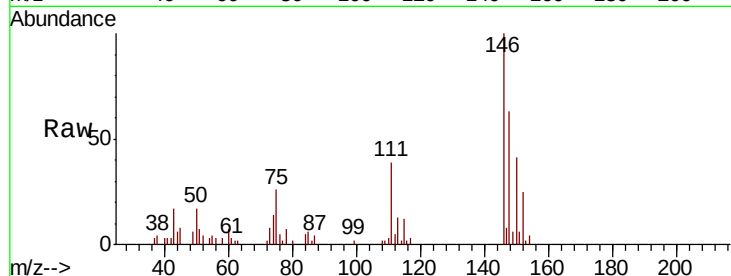




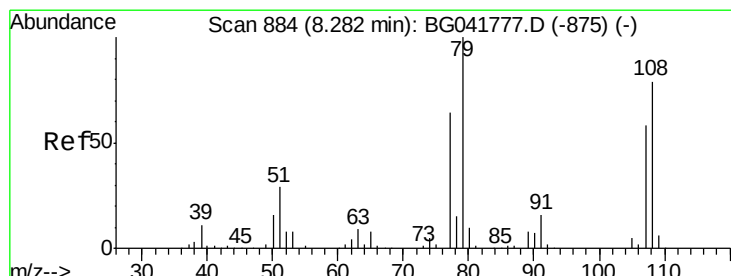
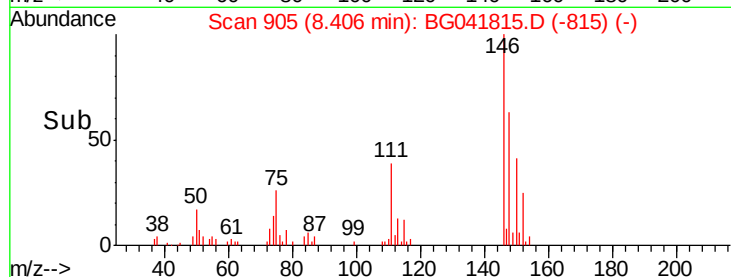
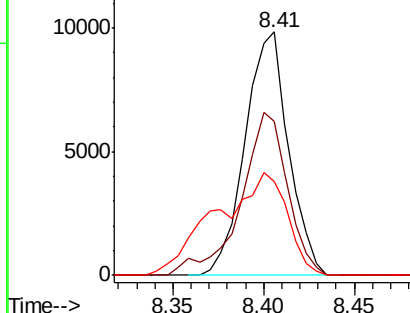
#14
 1,2-Dichlorobenzene
 Concen: 2.573 ng
 RT: 8.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BG041815.D
 Acq: 30 Jul 2019 23:47

Instrument :
 BNA_G
 ClientSampled :
 TP-5

Tot Ion:146 Resp: 16389
 Ion Ratio Lower Upper
 146 100
 148 63.4 53.5 80.3
 111 38.7 35.4 53.0

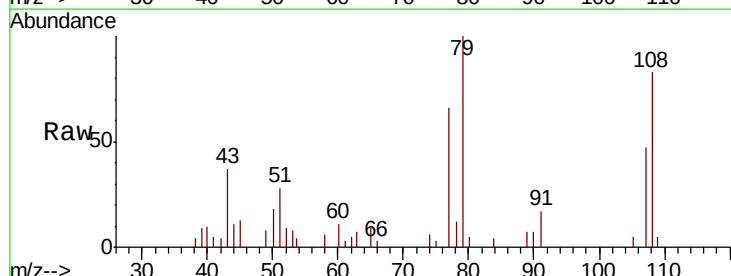


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

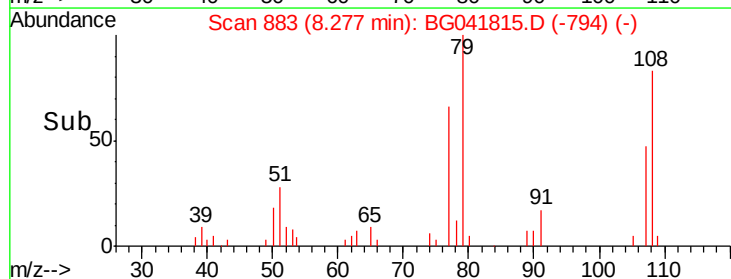
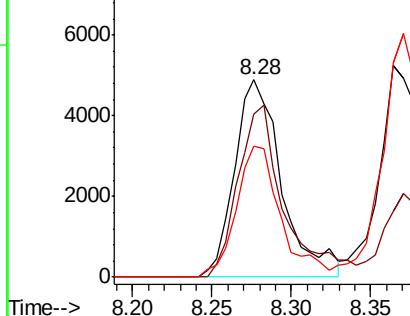


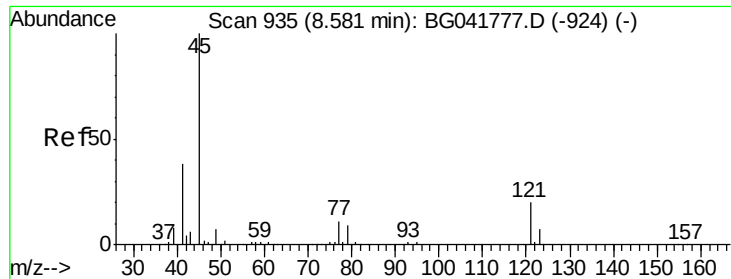
#15
 Benzyl Alcohol
 Concen: 2.132 ng
 RT: 8.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BG041815.D
 Acq: 30 Jul 2019 23:47

Tgt Ion: 79 Resp: 10095
 Ion Ratio Lower Upper
 79 100
 108 83.0 60.5 90.7
 77 66.4 50.6 75.8



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

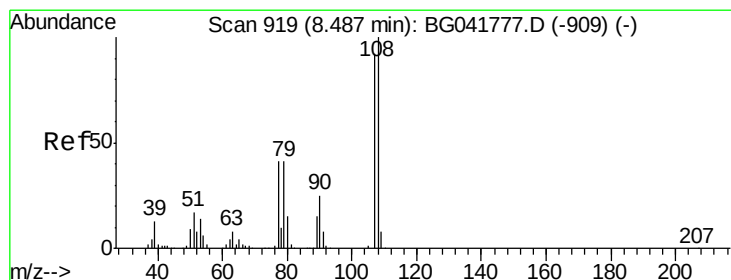
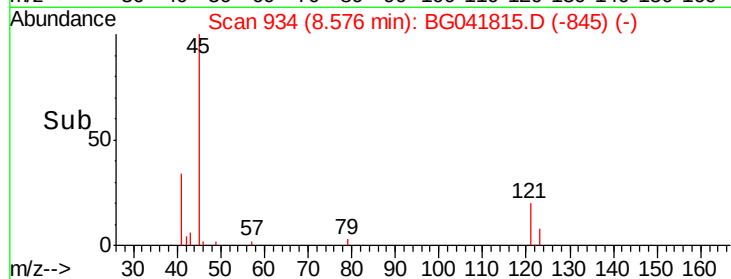
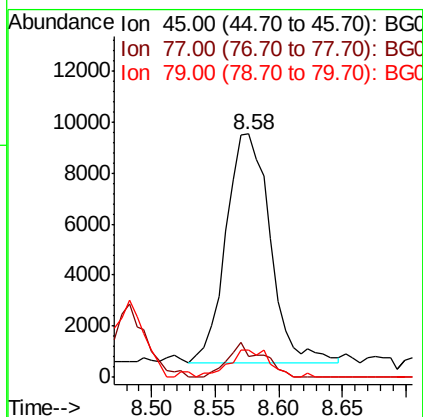
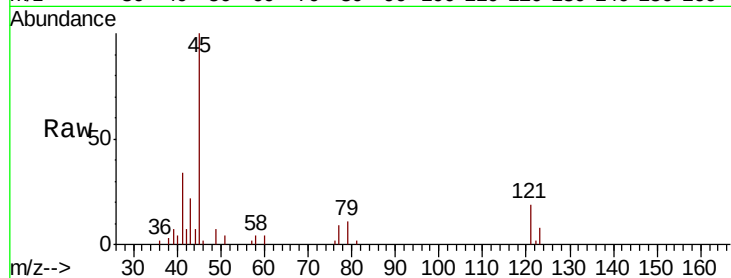




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 2.388 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

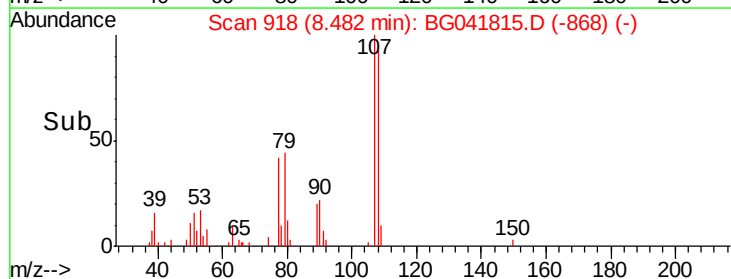
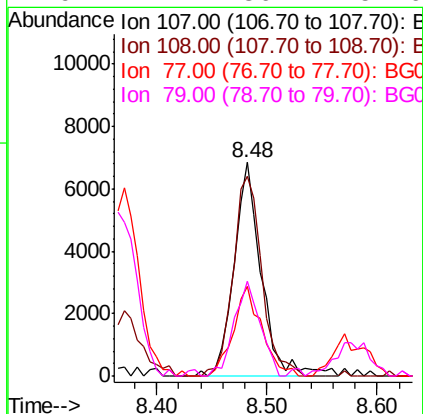
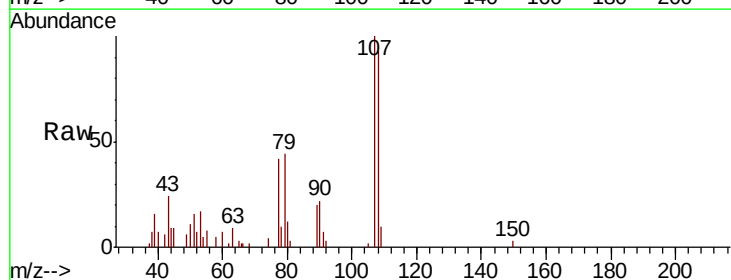
Instrument :
BNA_G
ClientSampleId :
TP-5

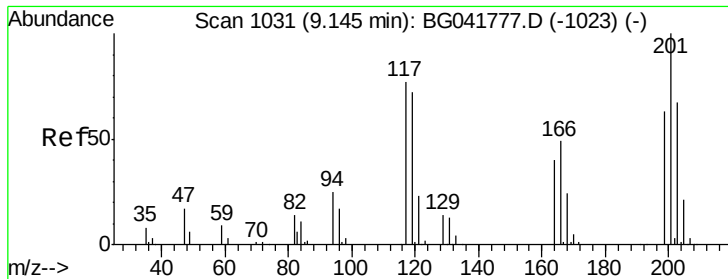
Tot Ion: 45 Resp: 21872
Ion Ratio Lower Upper
45 100
77 8.6 0.0 30.4
79 11.2 0.0 27.9



#17
2-Methylphenol
Concen: 2.615 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Tgt Ion: 107 Resp: 11907
Ion Ratio Lower Upper
107 100
108 93.3 87.6 131.4
77 42.2 36.1 54.1
79 44.1 36.4 54.6

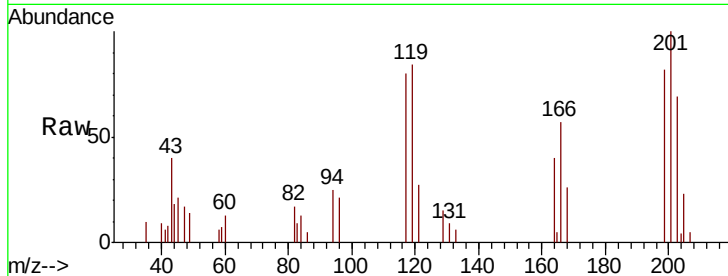




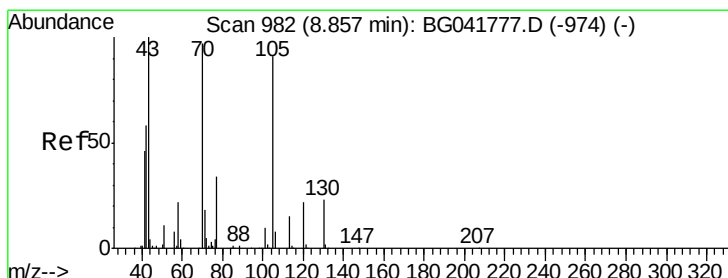
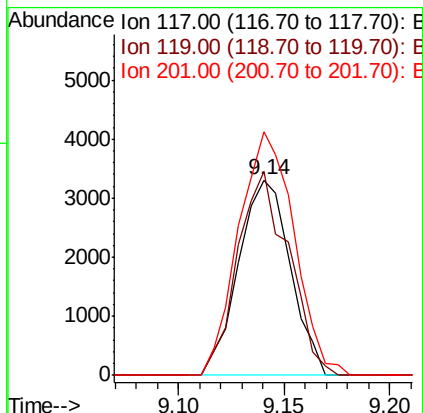
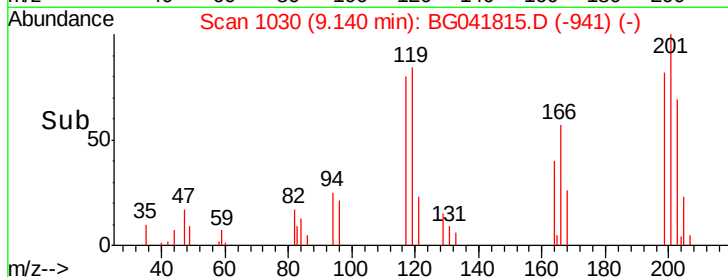
#18
Hexachloroethane
Concen: 2.460 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Instrument :
BNA_G
ClientSampled :
TP-5

Tot Ion:117 Resp: 5624
Ion Ratio Lower Upper
117 100
119 104.3 76.2 114.2
201 124.6 94.1 141.1

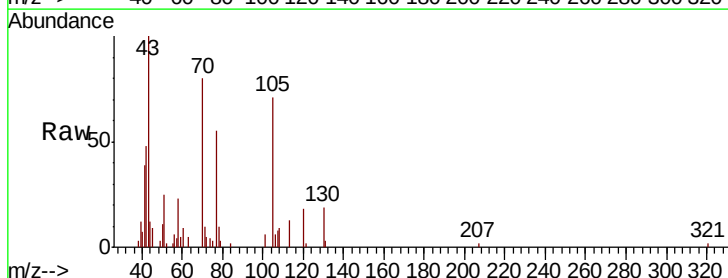


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

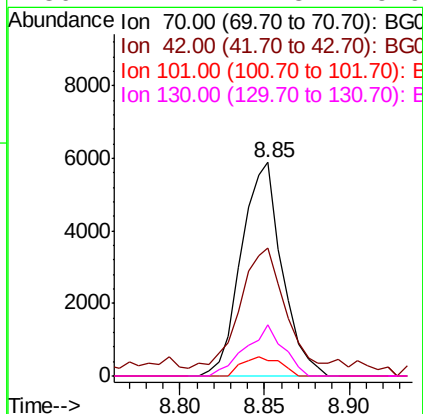
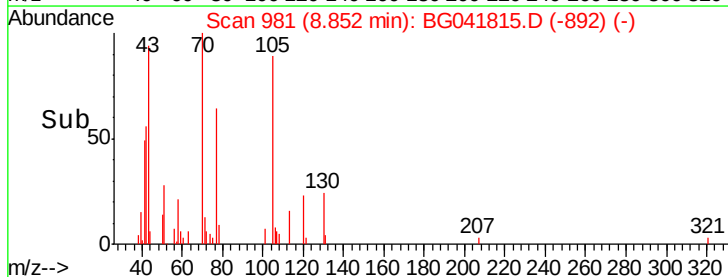


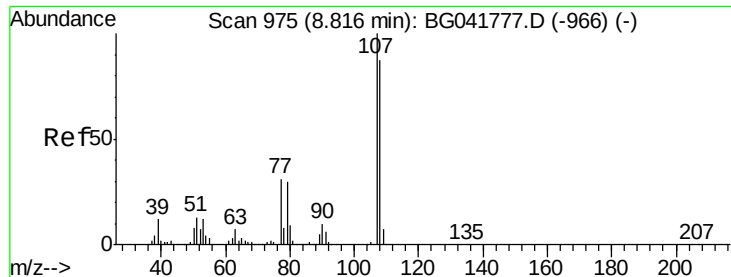
#19
n-Nitroso-di-n-propylamine
Concen: 2.254 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Tgt Ion: 70 Resp: 9849
Ion Ratio Lower Upper
70 100
42 59.8 55.8 83.6
101 7.5 8.1 12.1#
130 24.2 17.3 25.9



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

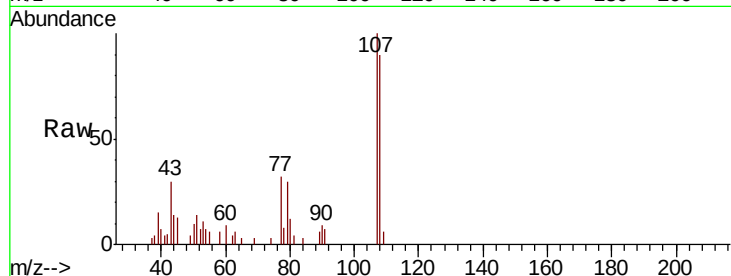




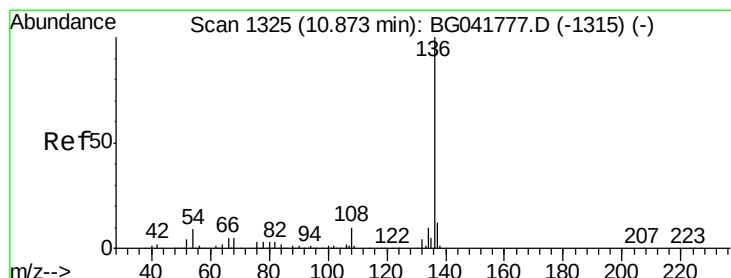
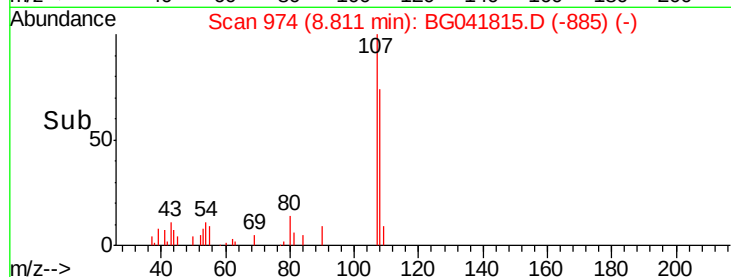
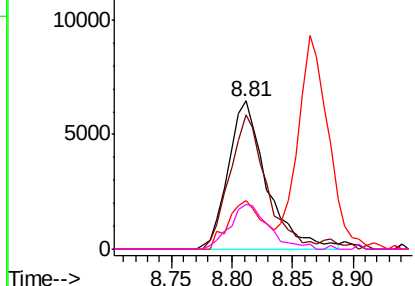
#20
3+4-Methylphenols
Concen: 2.300 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Instrument :
BNA_G
ClientSampled :
TP-5

Tot Ion:107	Resp:	14333
Ion Ratio	Lower	Upper
107	100	
108	90.2	67.5 107.5
77	32.5	12.3 52.3
79	30.0	8.3 48.3



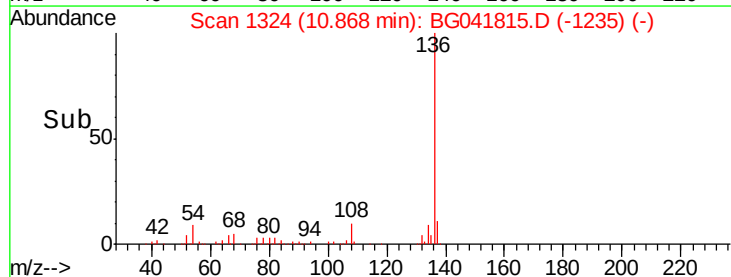
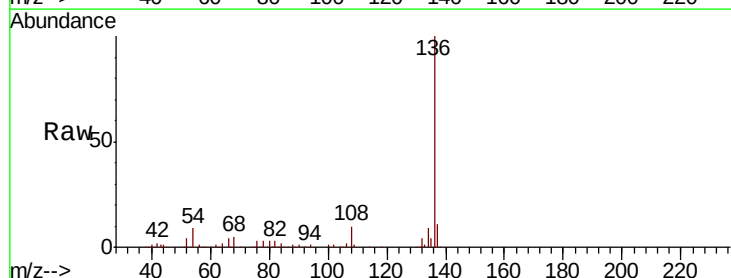
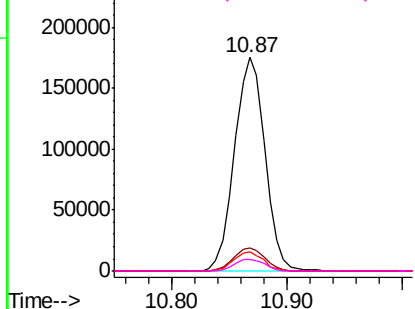
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

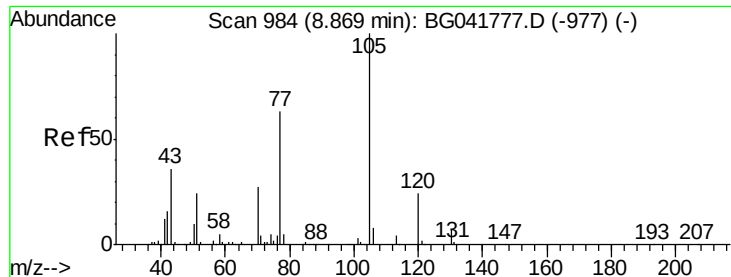


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Tgt Ion:136	Resp:	319931
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.2 13.8
54	8.9	8.7 13.1
68	5.2	5.5 8.3#

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

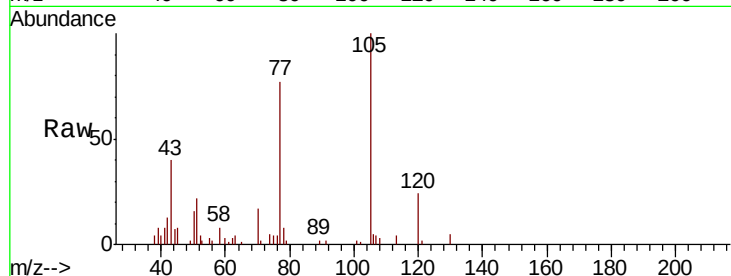




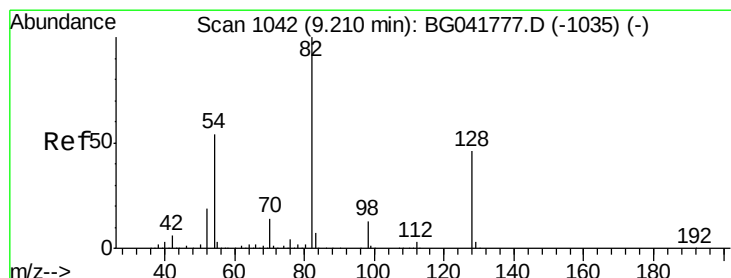
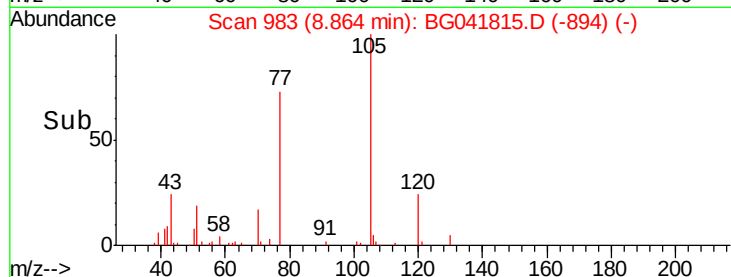
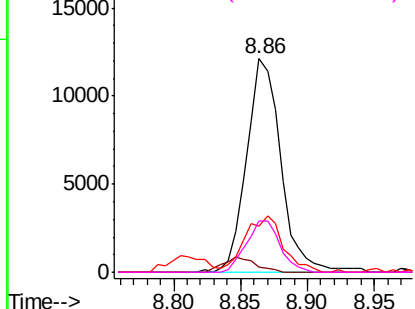
#22
Acetophenone
Concen: 2.994 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Instrument :
BNA_G
ClientSampleId :
TP-5

Tot Ion:105 Resp: 21425
Ion Ratio Lower Upper
105 100
71 2.3 5.9 8.9#
51 21.5 27.7 41.5#
120 23.8 19.3 28.9

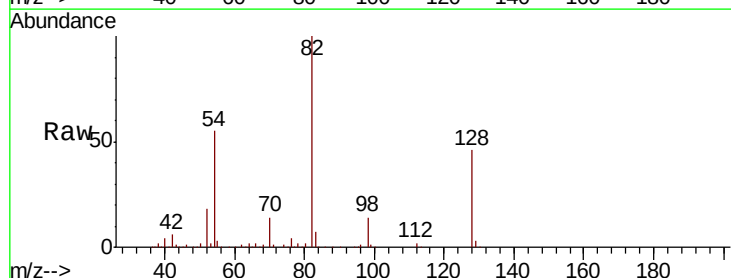


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

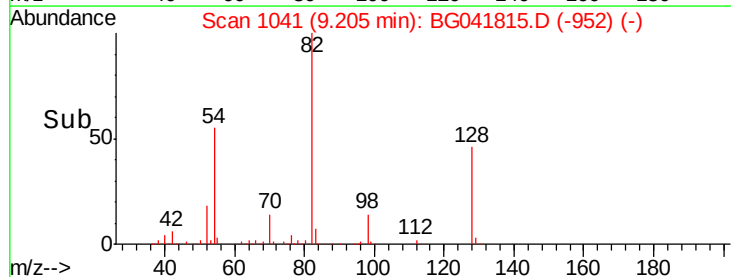
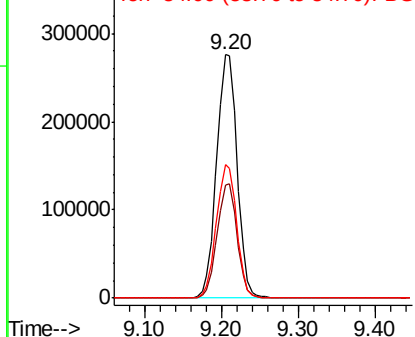


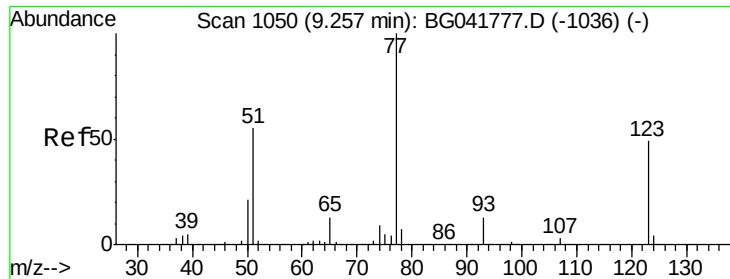
#23
Nitrobenzene-d5
Concen: 108.840 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Tgt Ion: 82 Resp: 506006
Ion Ratio Lower Upper
82 100
128 46.5 35.1 52.7
54 54.6 48.7 73.1



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





#24

Nitrobenzene

Concen: 2.920 ng

RT: 9.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Instrument :

BNA_G

ClientSampleId :

TP-5

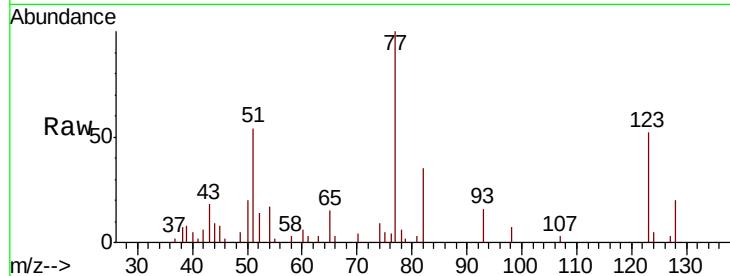
Tot Ion: 77 Resp: 14301

Ion Ratio Lower Upper

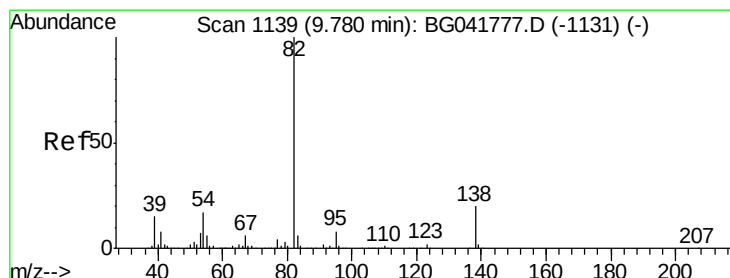
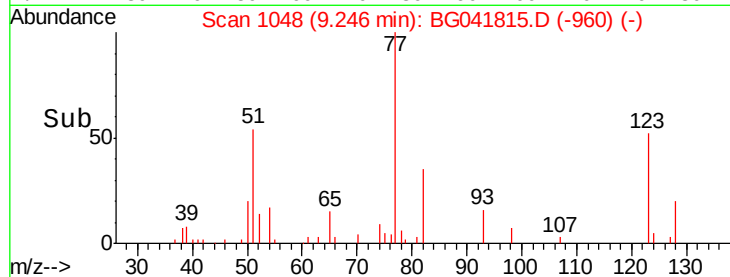
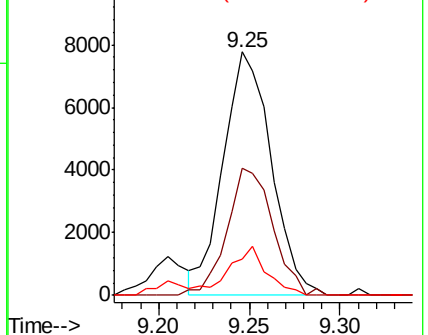
77 100

123 52.3 38.1 57.1

65 14.8 11.0 16.6



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: 2.532 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

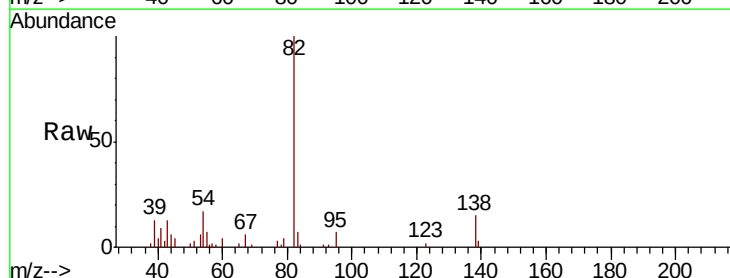
Tgt Ion: 82 Resp: 25606

Ion Ratio Lower Upper

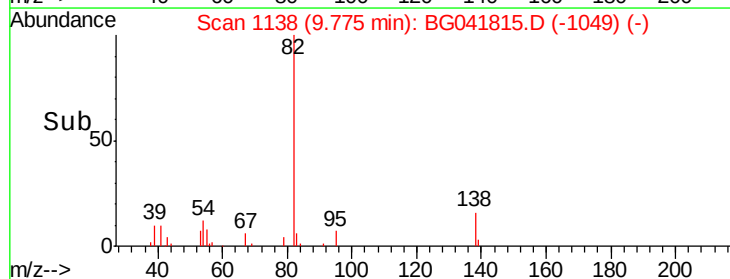
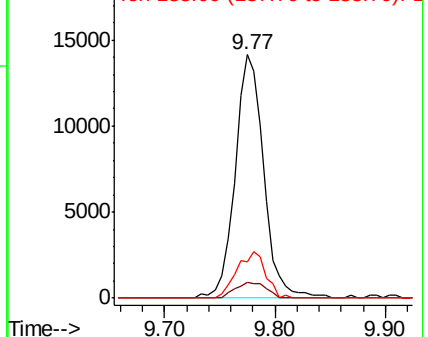
82 100

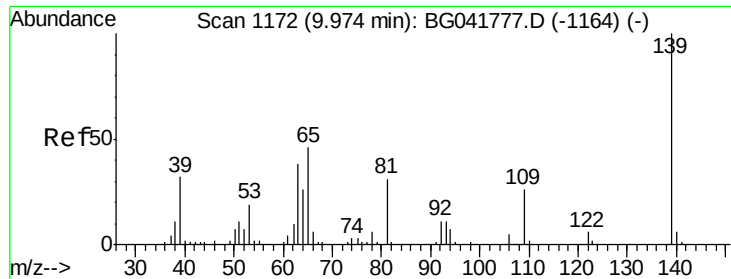
95 6.7 5.9 8.9

138 14.8 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

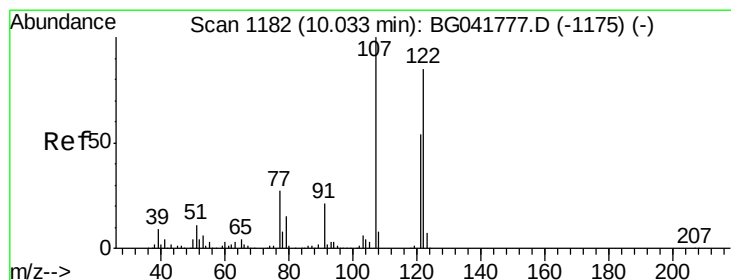
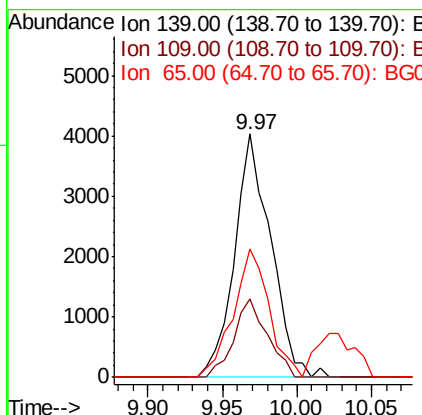
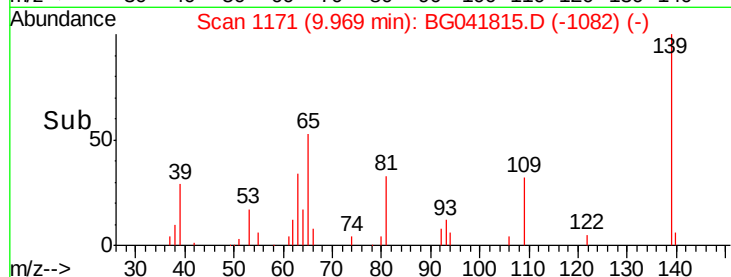
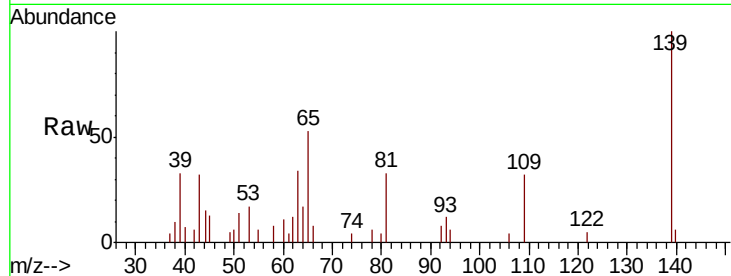




#26
2-Nitrophenol
Concen: 2.995 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

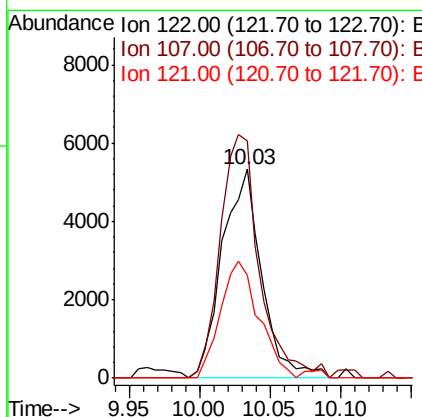
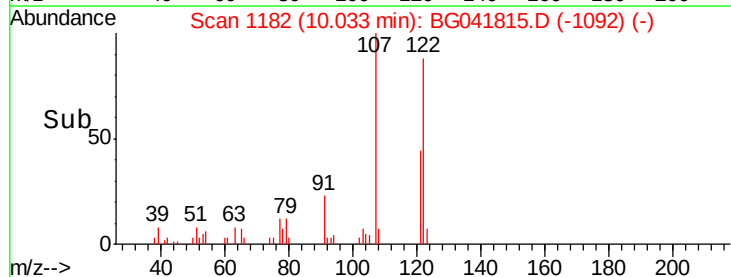
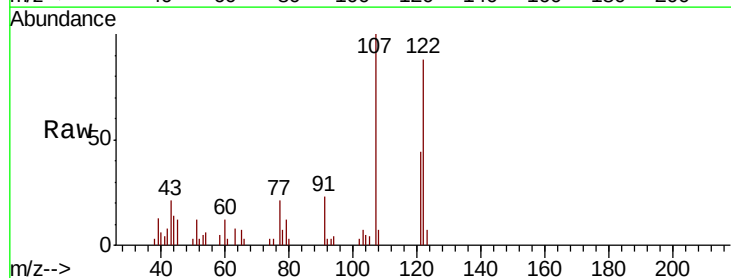
Instrument :
BNA_G
ClientSampleId :
TP-5

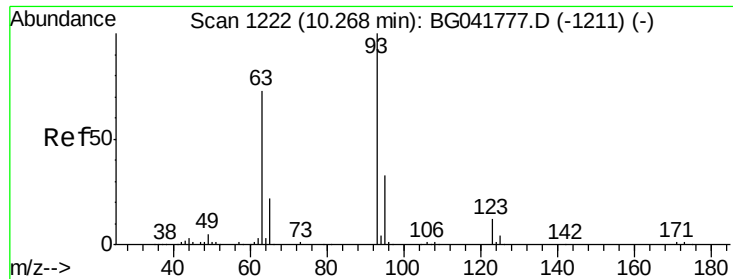
Tot Ion:139 Resp: 6807
Ion Ratio Lower Upper
139 100
109 32.1 22.7 34.1
65 52.9 41.1 61.7



#27
2,4-Dimethylphenol
Concen: 2.587 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Tgt Ion:122 Resp: 10377
Ion Ratio Lower Upper
122 100
107 113.7 91.3 136.9
121 49.6 49.2 73.8

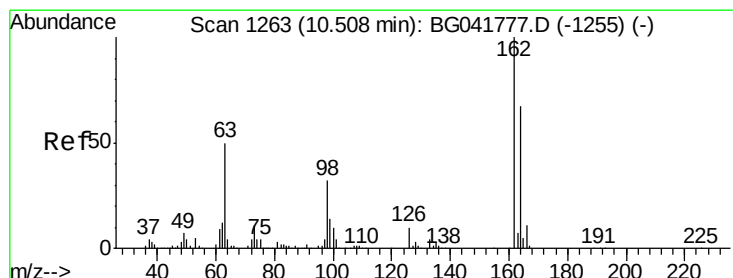
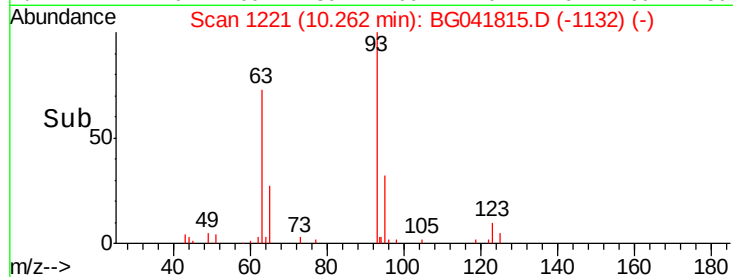
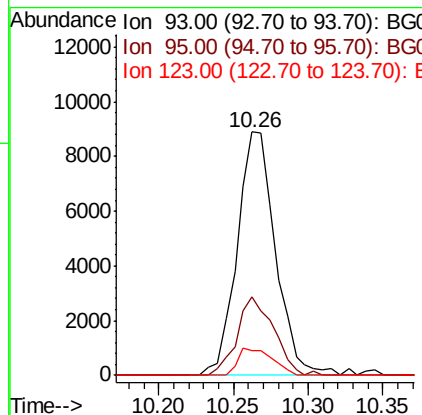
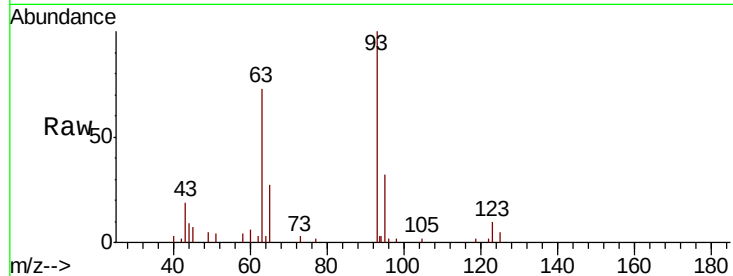




#28
 bis(2-Chloroethoxy)methane
 Concen: 2.500 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BG041815.D
 Acq: 30 Jul 2019 23:47

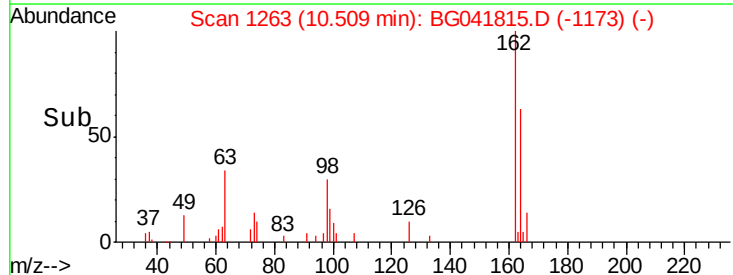
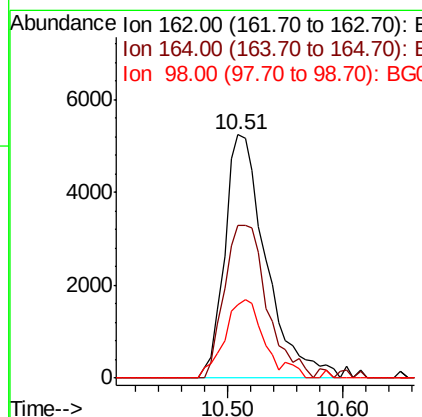
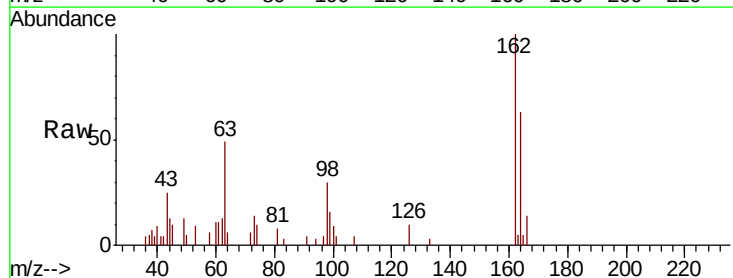
Instrument :
 BNA_G
 ClientSampleId :
 TP-5

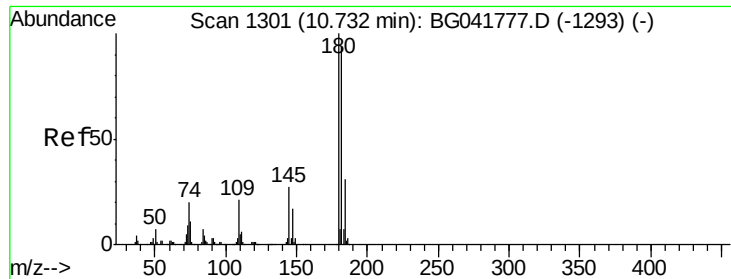
Tot Ion: 93 Resp: 15801
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.2 39.4
 123 10.3 9.9 14.9



#29
 2,4-Dichlorophenol
 Concen: 2.661 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG041815.D
 Acq: 30 Jul 2019 23:47

Tgt Ion: 162 Resp: 13003
 Ion Ratio Lower Upper
 162 100
 164 62.6 46.1 86.1
 98 30.1 14.7 54.7

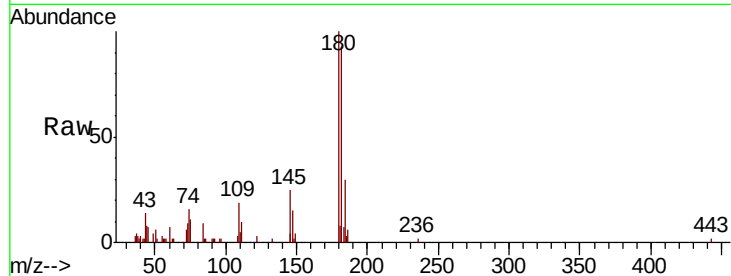




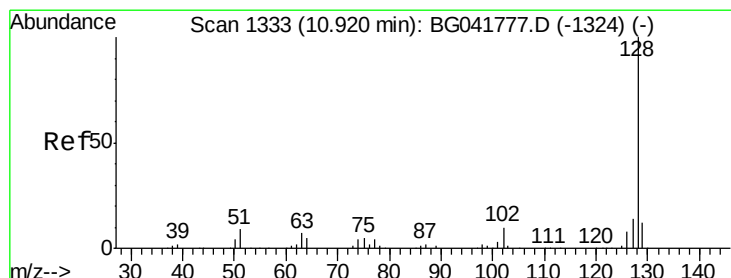
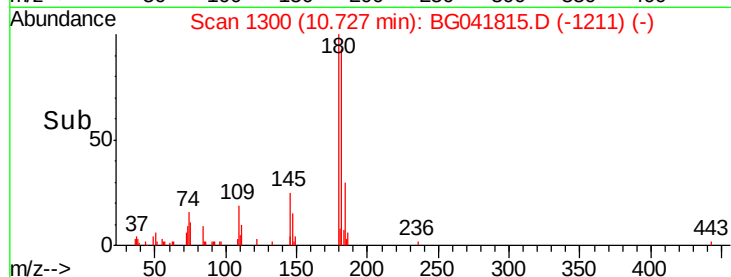
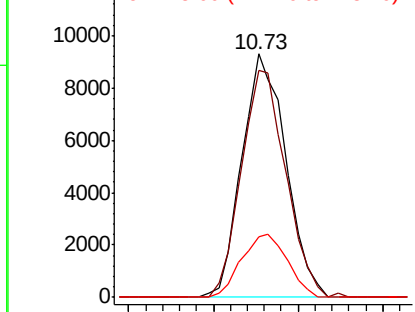
#30
 1,2,4-Trichlorobenzene
 Concen: 2.712 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG041815.D
 Acq: 30 Jul 2019 23:47

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tot Ion:180 Resp: 16804
 Ion Ratio Lower Upper
 180 100
 182 93.3 76.2 114.2
 145 25.1 23.8 35.8

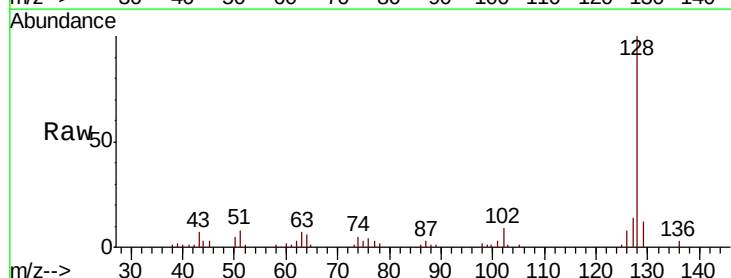


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

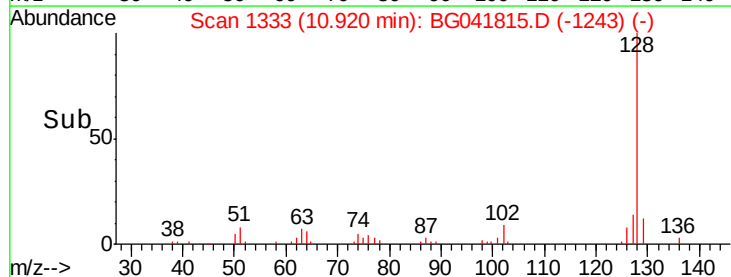
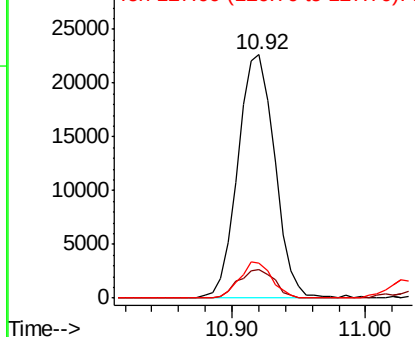


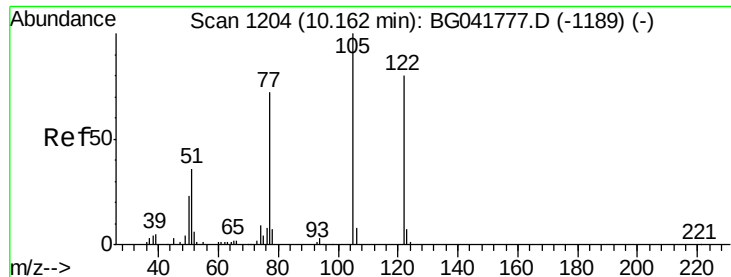
#31
 Naphthalene
 Concen: 2.959 ng
 RT: 10.92 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BG041815.D
 Acq: 30 Jul 2019 23:47

Tgt Ion:128 Resp: 43332
 Ion Ratio Lower Upper
 128 100
 129 11.8 10.0 15.0
 127 14.3 12.3 18.5



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

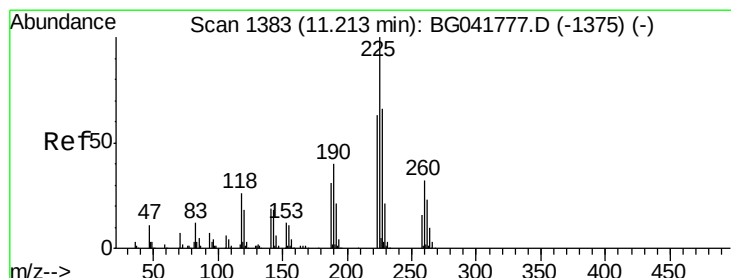
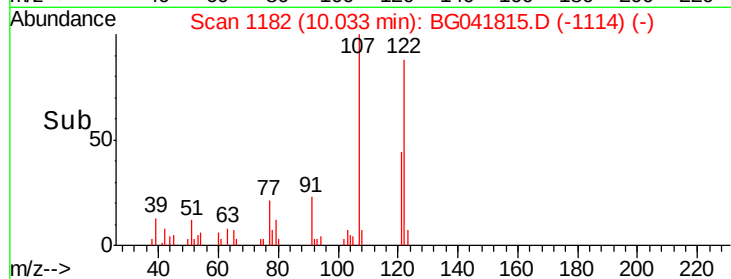
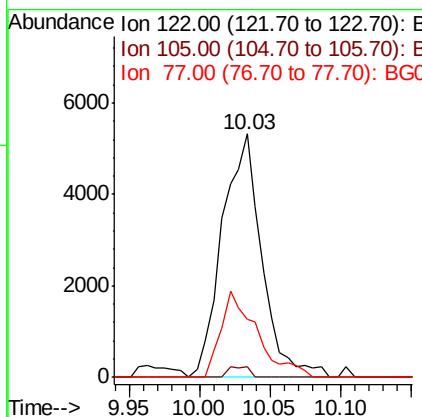
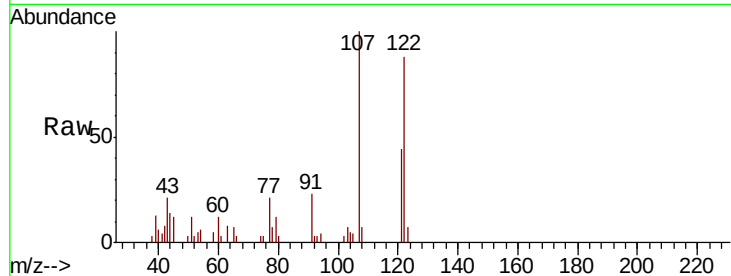




#32
Benzoic acid
Concen: 11.691 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.13 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

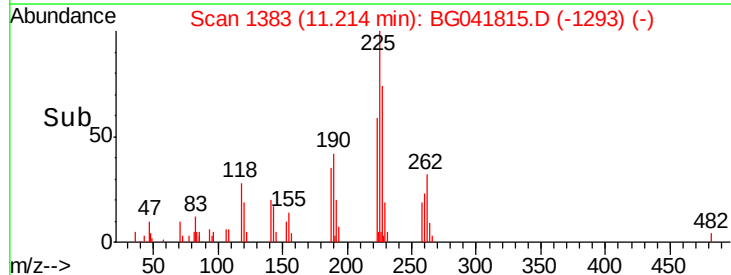
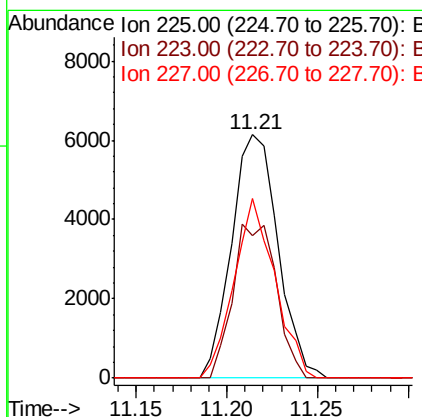
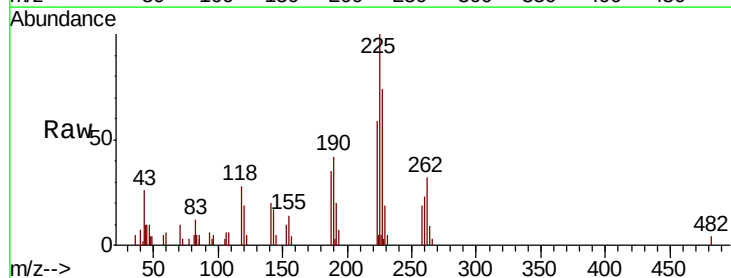
Instrument :
BNA_G
ClientSampleId :
TP-5

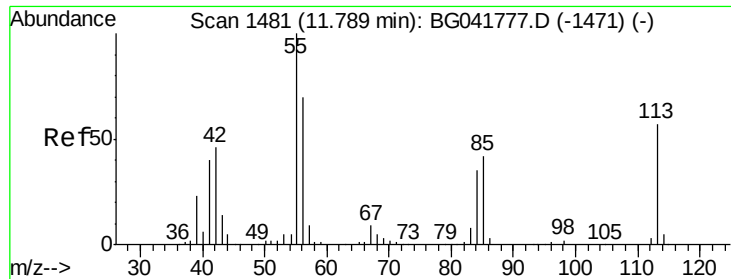
Tot Ion	Ratio	Lower	Upper
122	100		
105	4.2	101.5	141.5#
77	23.8	73.0	113.0#



#34
Hexachlorobutadiene
Concen: 2.619 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.7	51.1	76.7
227	73.7	50.9	76.3





#35

Caprolactam

Concen: 2.171 ng

RT: 11.77 min Scan# 1478

Delta R.T. -0.02 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Instrument :

BNA_G

ClientSampled :

TP-5

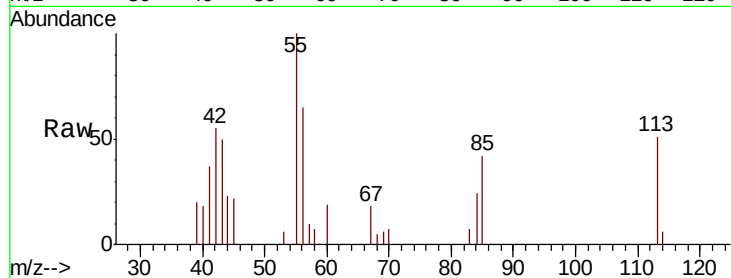
Tot Ion:113 Resp: 3686

Ion Ratio Lower Upper

113 100

55 196.8 199.4 239.4#

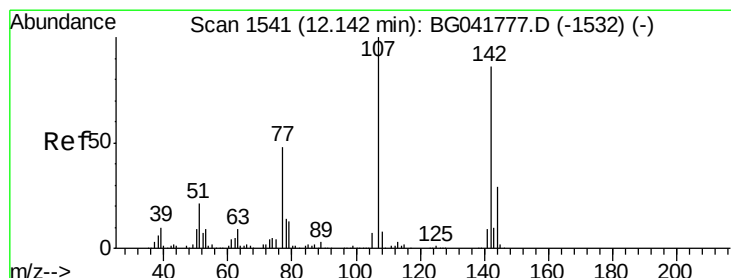
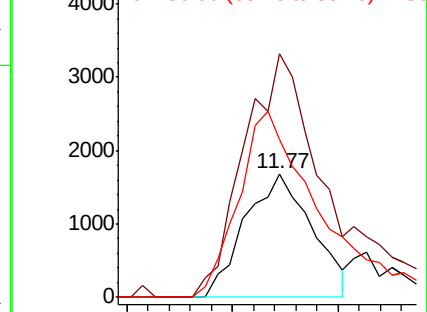
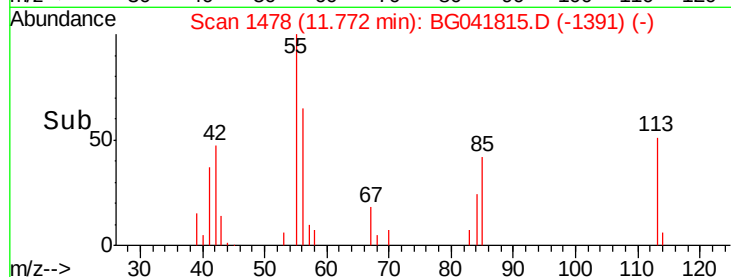
56 128.1 133.6 173.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 2.619 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

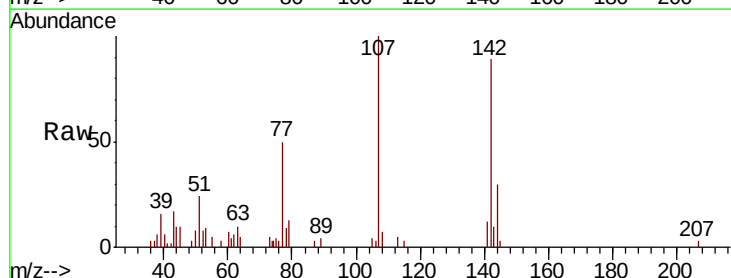
Tgt Ion:107 Resp: 12685

Ion Ratio Lower Upper

107 100

144 29.8 22.2 33.2

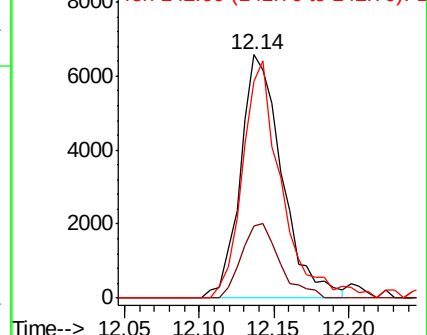
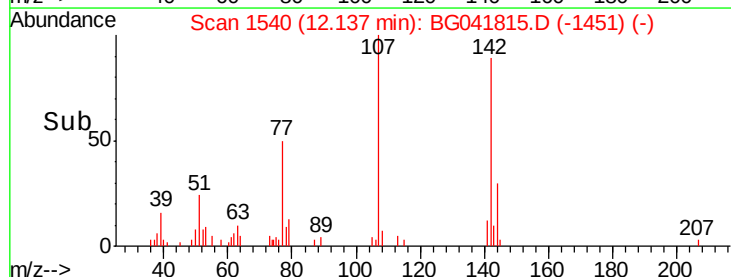
142 89.1 67.3 100.9

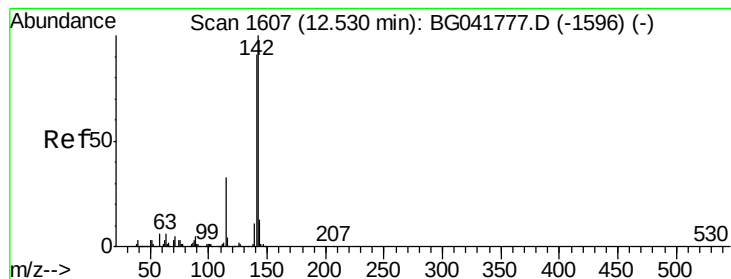


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 2.670 ng

RT: 12.53 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Instrument :

BNA_G

ClientSampleId :

TP-5

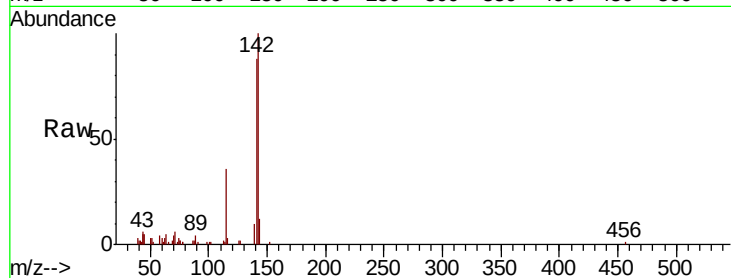
Tot Ion:142 Resp: 30948

Ion Ratio Lower Upper

142 100

141 88.1 72.7 109.1

115 35.7 27.0 40.4

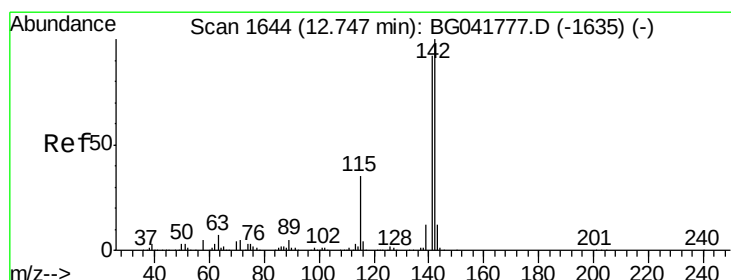
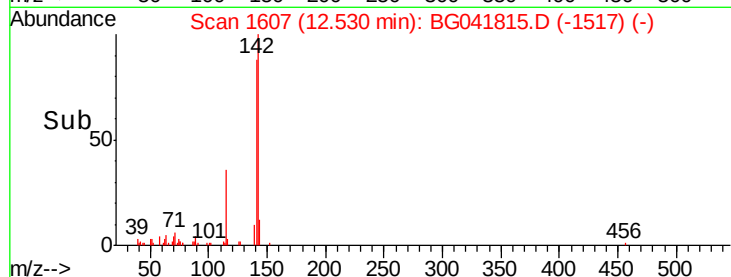
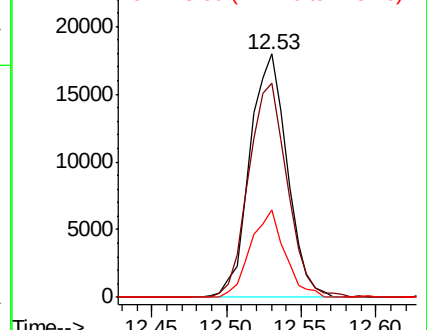


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 2.865 ng

RT: 12.75 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

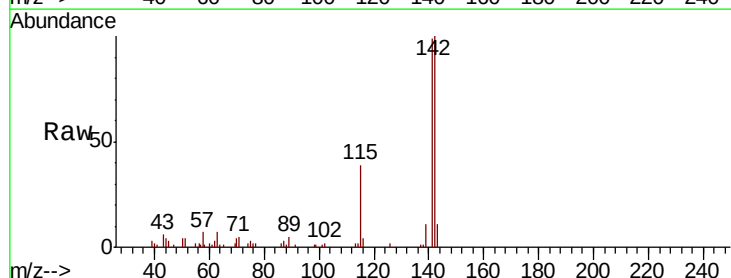
Tgt Ion:142 Resp: 31465

Ion Ratio Lower Upper

142 100

141 99.4 75.4 113.2

116 4.3 3.2 4.8

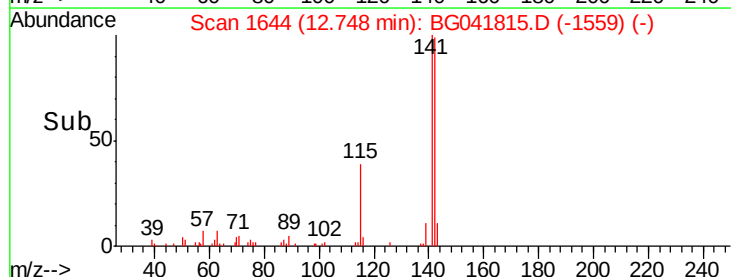
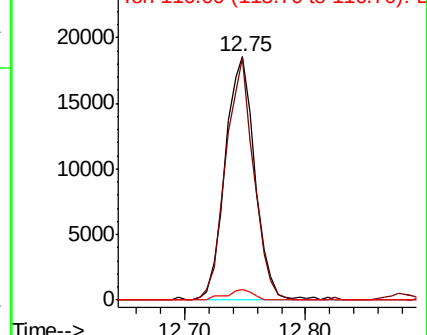


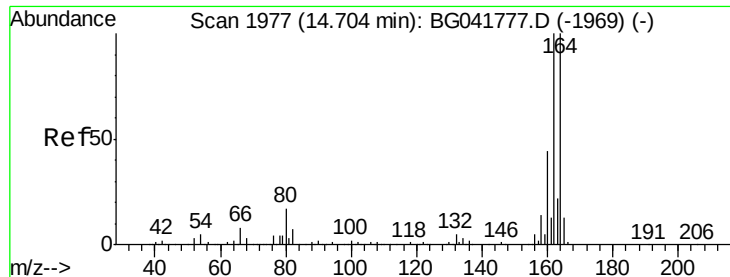
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Instrument :

BNA_G

ClientSampleId :

TP-5

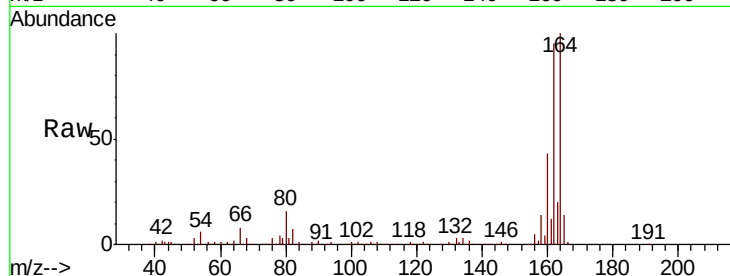
Tot Ion:164 Resp: 217740

Ion Ratio Lower Upper

164 100

162 94.8 79.6 119.4

160 42.9 35.4 53.0

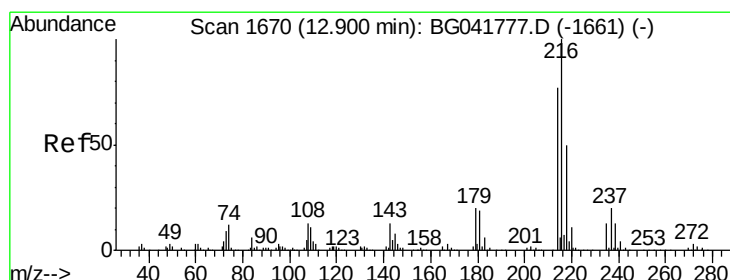
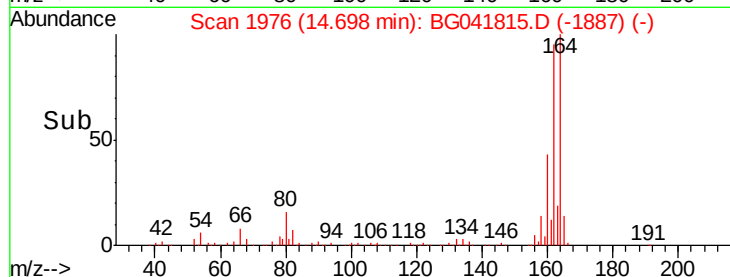
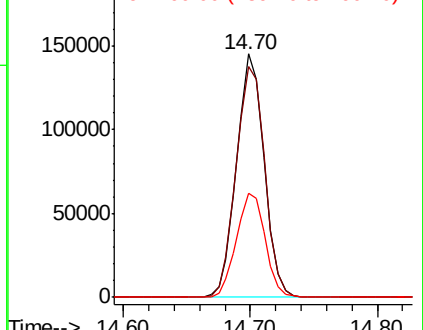


Abundance

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: 2.925 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Tgt Ion:216 Resp: 20157

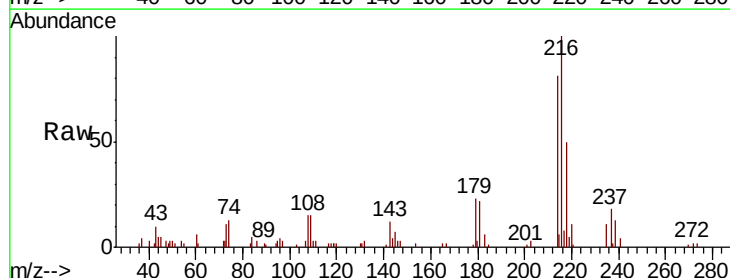
Ion Ratio Lower Upper

216 100

214 72.8 61.5 92.3

179 19.2 16.2 24.2

108 13.6 13.2 19.8



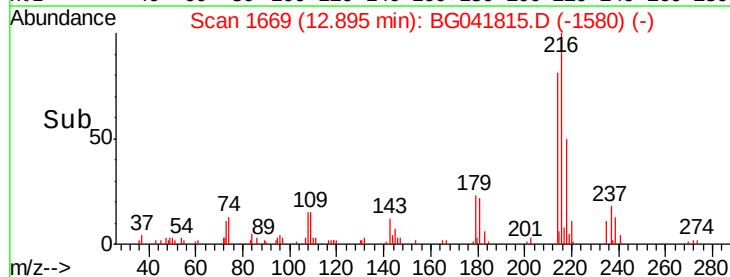
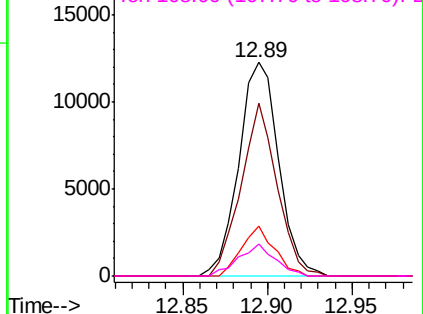
Abundance

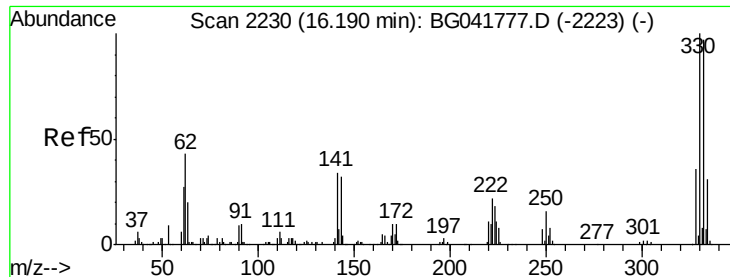
Ion 216.00 (215.70 to 216.70): E

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





#42

2,4,6-Tribromophenol

Concen: 166.142 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Instrument :

BNA_G

ClientSampleId :

TP-5

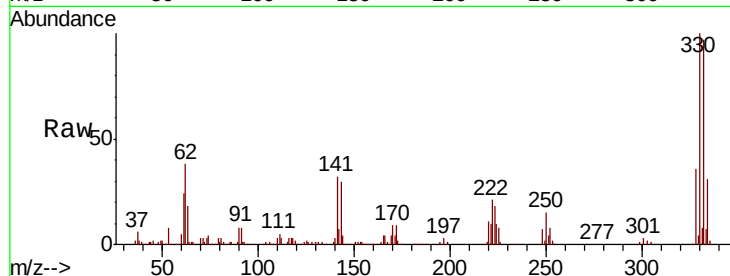
Tot Ion:330 Resp: 410908

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

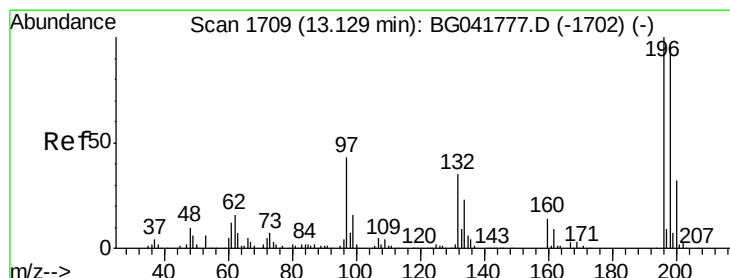
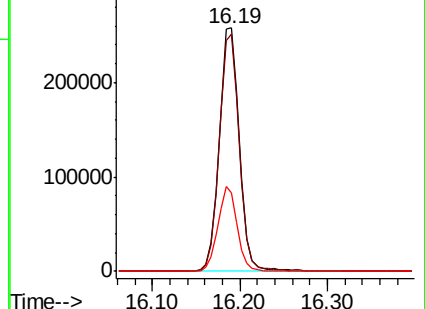
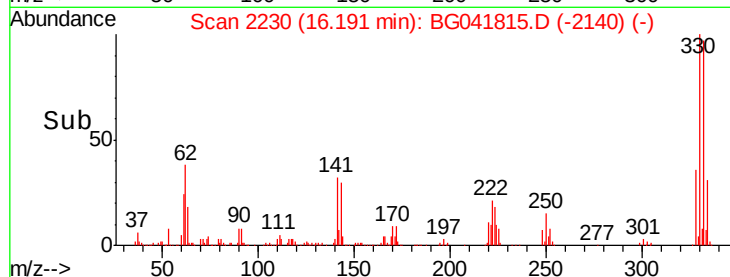
141 33.5 31.9 47.9



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: 2.432 ng

RT: 13.14 min Scan# 1710

Delta R.T. 0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

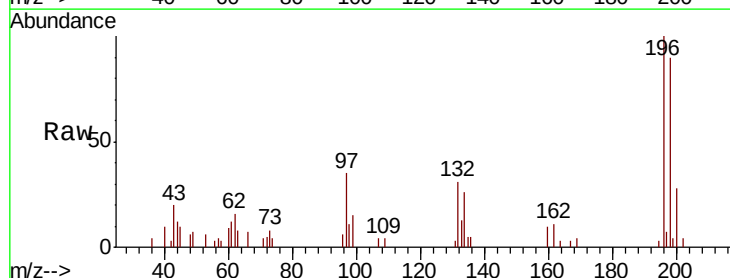
Tgt Ion:196 Resp: 10594

Ion Ratio Lower Upper

196 100

198 90.4 79.6 119.4

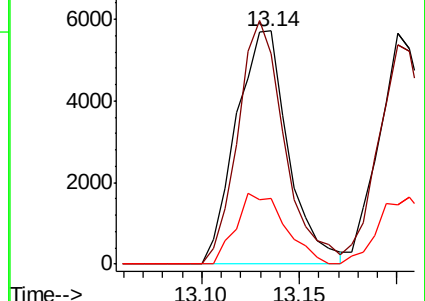
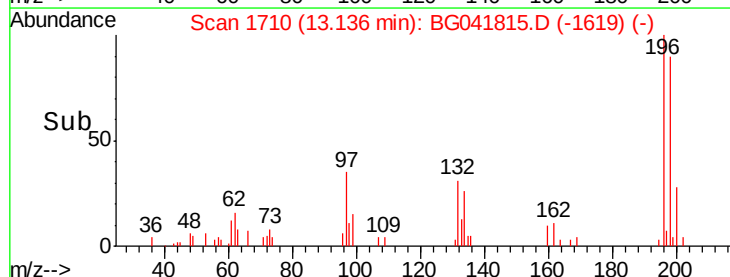
200 28.3 25.2 37.8

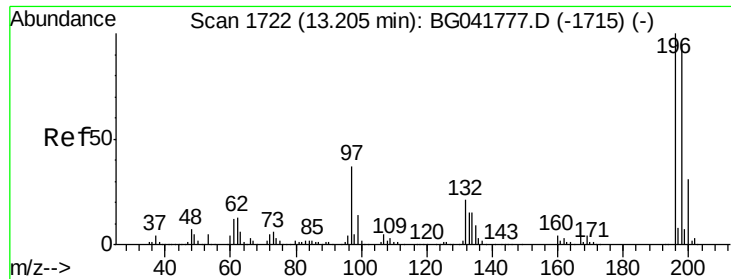


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

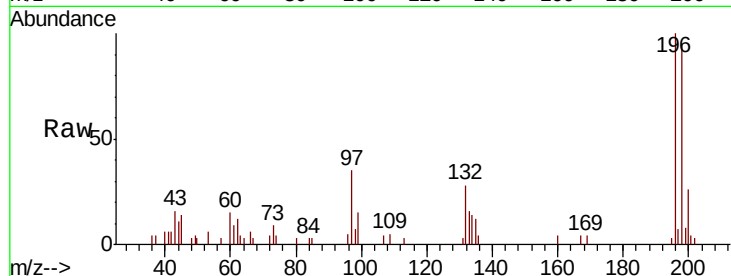




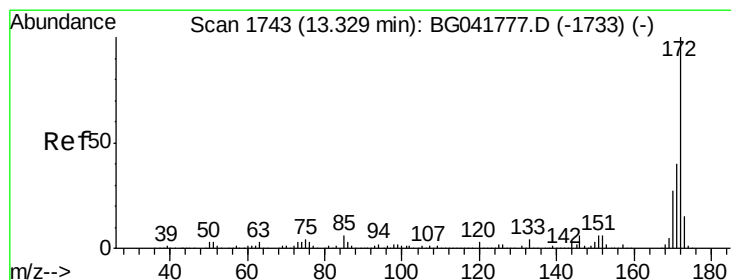
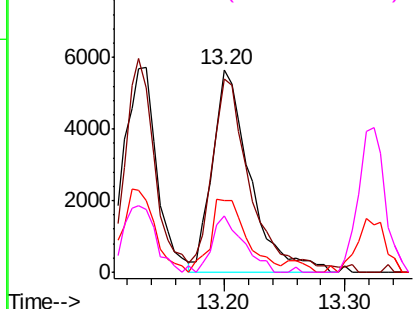
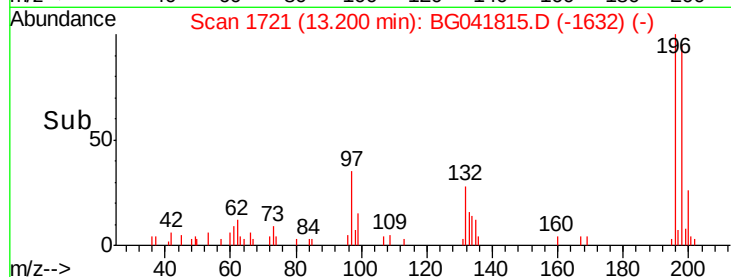
#44
 2,4,5-Trichlorophenol
 Concen: 2.678 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG041815.D
 Acq: 30 Jul 2019 23:47

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tot Ion:196 Resp: 12124
 Ion Ratio Lower Upper
 196 100
 198 95.1 80.6 121.0
 97 35.3 33.9 50.9
 132 28.0 20.2 30.2

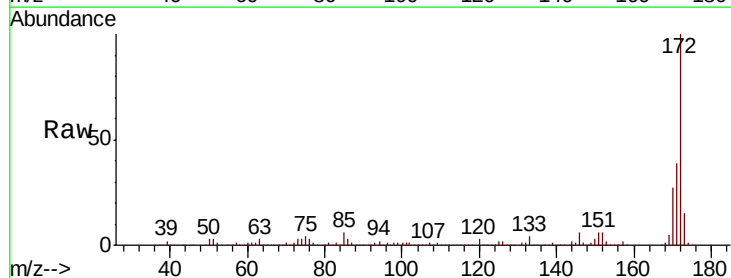


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

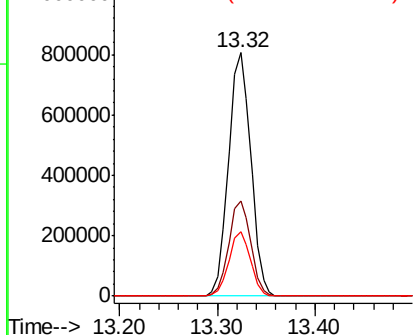
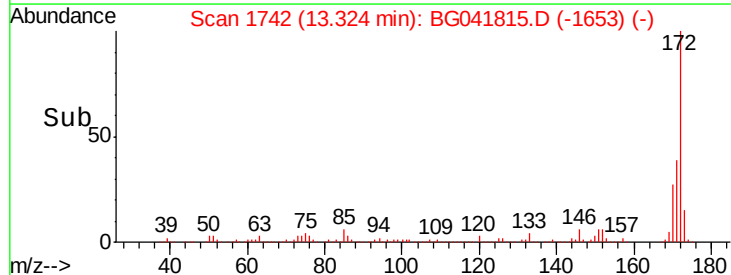


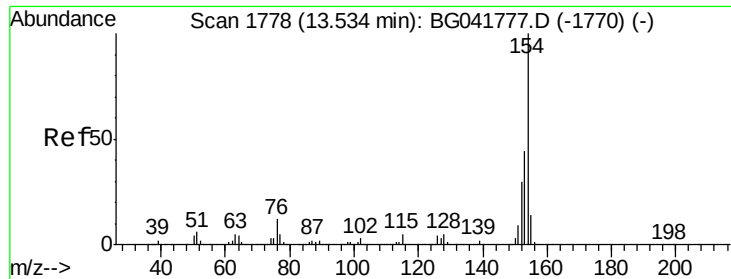
#45
 2-Fluorobiphenyl
 Concen: 103.820 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041815.D
 Acq: 30 Jul 2019 23:47

Tgt Ion:172 Resp: 1281709
 Ion Ratio Lower Upper
 172 100
 171 39.3 35.0 52.4
 170 26.5 23.5 35.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

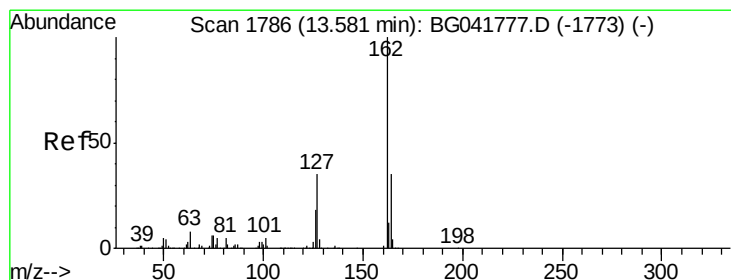
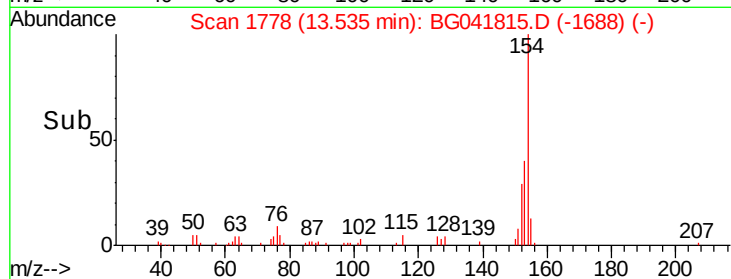
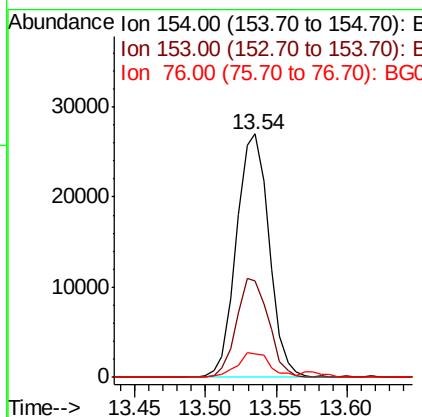
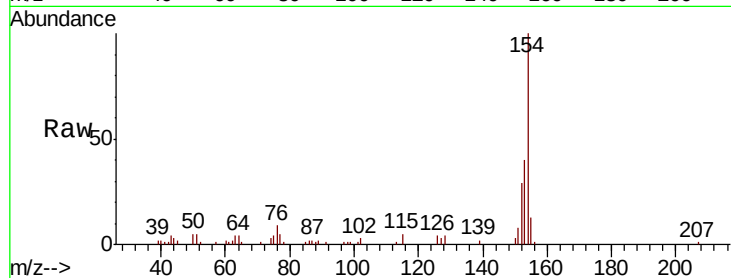




#46
 1,1'-Biphenyl
 Concen: 3.117 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG041815.D
 Acq: 30 Jul 2019 23:47

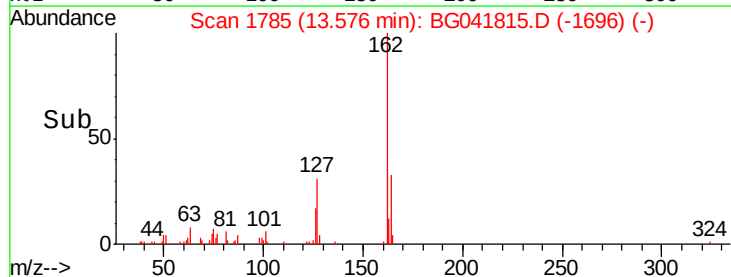
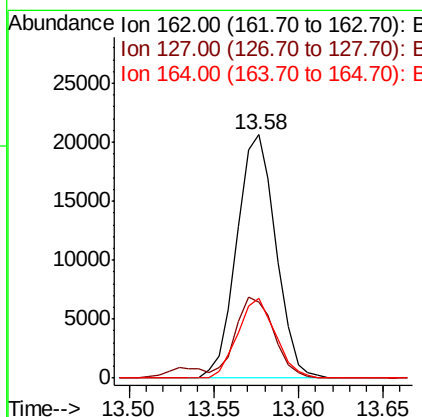
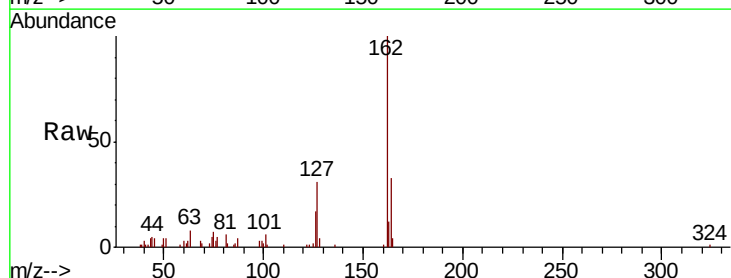
Instrument :
 BNA_G
 ClientSampleId :
 TP-5

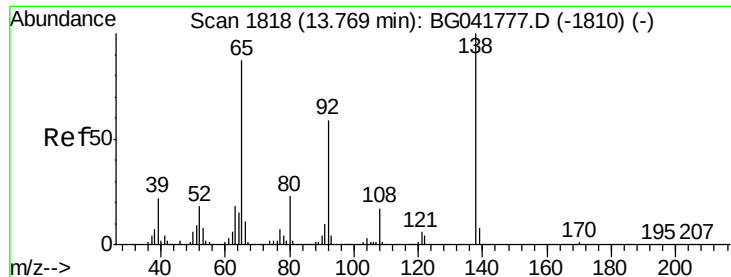
Tot Ion:154 Resp: 43626
 Ion Ratio Lower Upper
 154 100
 153 39.8 25.0 65.0
 76 9.5 0.0 34.5



#47
 2-Chloronaphthalene
 Concen: 2.784 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG041815.D
 Acq: 30 Jul 2019 23:47

Tgt Ion:162 Resp: 33176
 Ion Ratio Lower Upper
 162 100
 127 31.2 30.4 45.6
 164 32.9 28.6 42.8





#48

2-Nitroaniline

Concen: 2.560 ng

RT: 13.77 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Instrument :

BNA_G

ClientSampleId :

TP-5

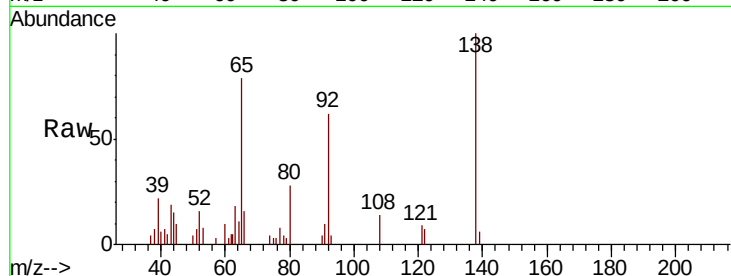
Tot Ion: 65 Resp: 7737

Ion Ratio Lower Upper

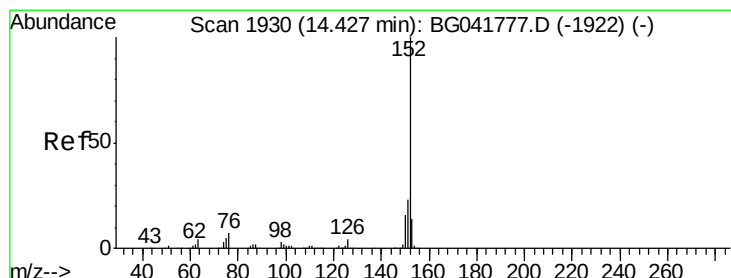
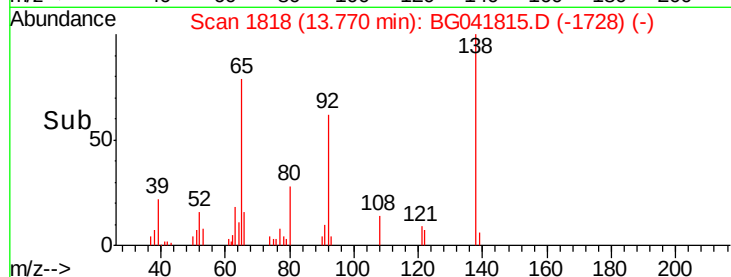
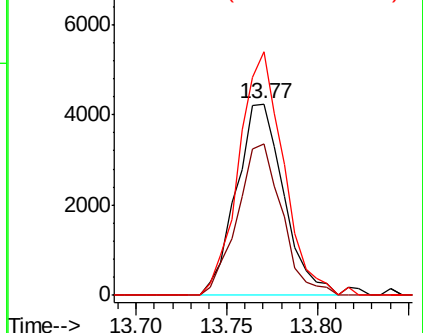
65 100

92 79.3 53.9 80.9

138 127.4 83.5 125.3#



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): BGC



#49

Acenaphthylene

Concen: 2.979 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

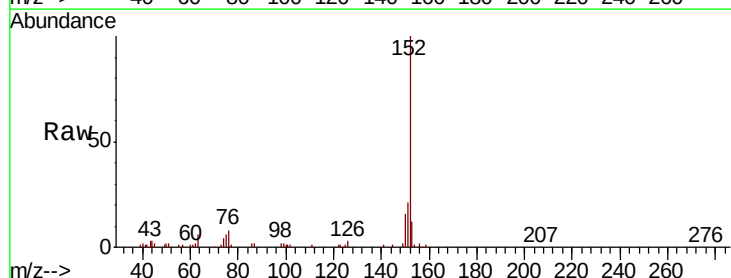
Tgt Ion: 152 Resp: 53110

Ion Ratio Lower Upper

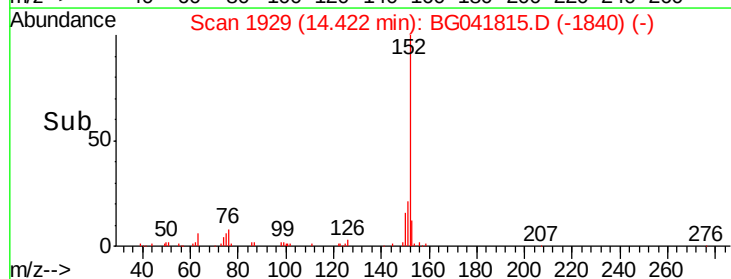
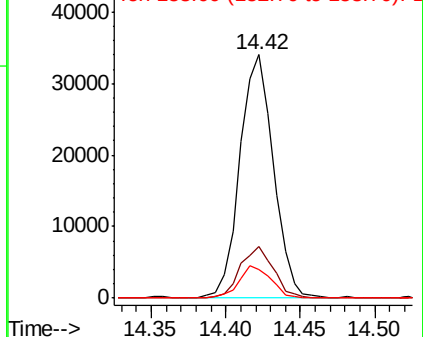
152 100

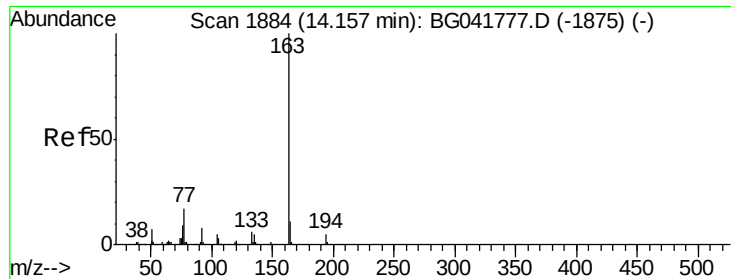
151 21.1 18.7 28.1

153 11.9 12.4 18.6#



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





#50

Dimethylphthalate

Concen: 6.824 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Instrument :

BNA_G

ClientSampleId :

TP-5

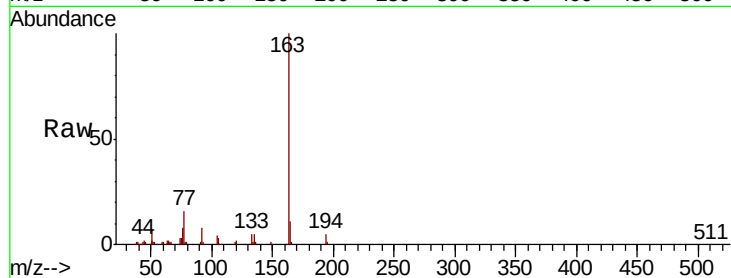
Tot Ion:163 Resp: 101479

Ion Ratio Lower Upper

163 100

194 5.3 4.2 6.2

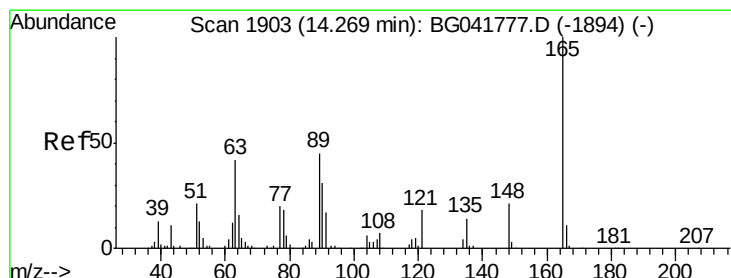
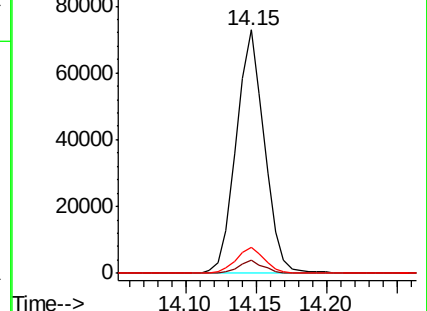
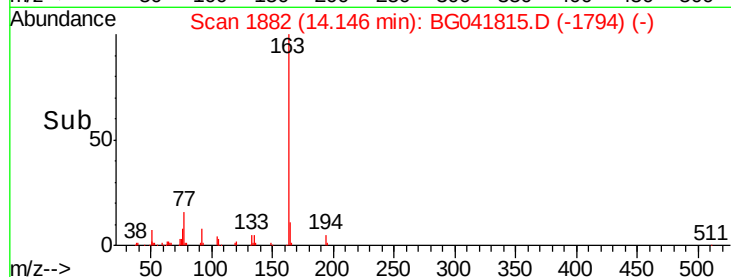
164 10.7 9.4 14.2



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: 2.822 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

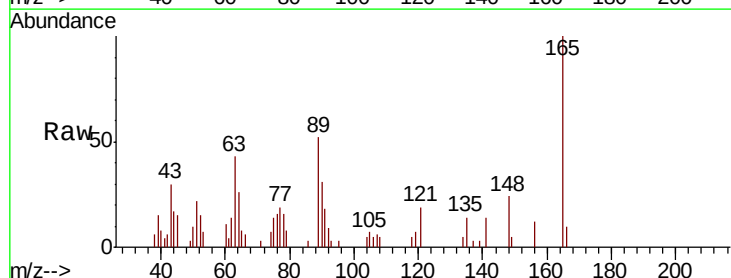
Tgt Ion:165 Resp: 8775

Ion Ratio Lower Upper

165 100

63 42.7 42.4 63.6

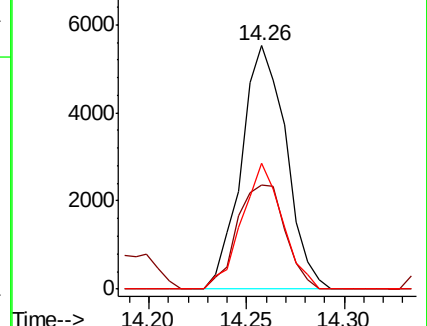
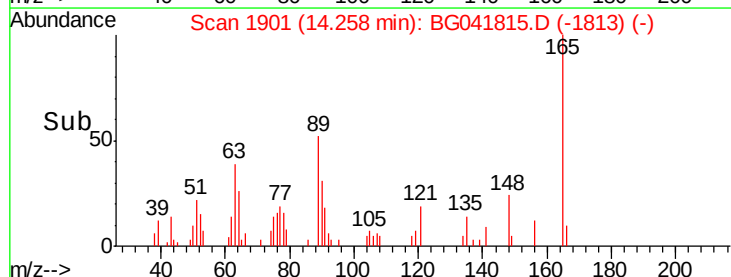
89 51.7 42.1 63.1

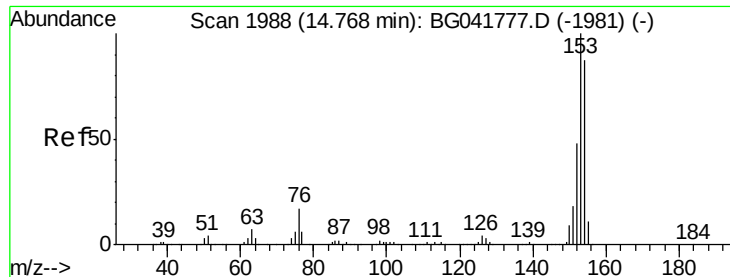


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#52

Acenaphthene

Concen: 2.615 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Instrument :

BNA_G

ClientSampleId :

TP-5

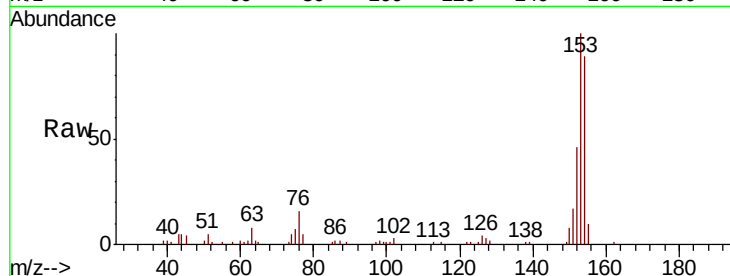
Tot Ion:154 Resp: 30314

Ion Ratio Lower Upper

154 100

153 112.8 89.8 134.6

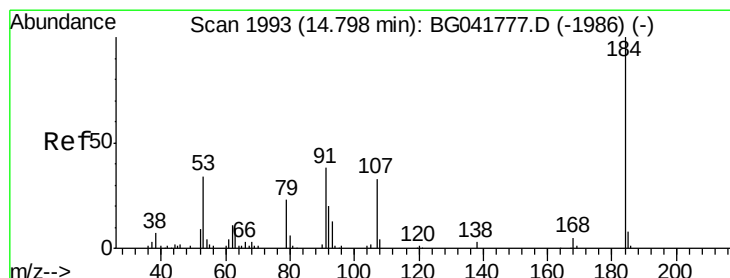
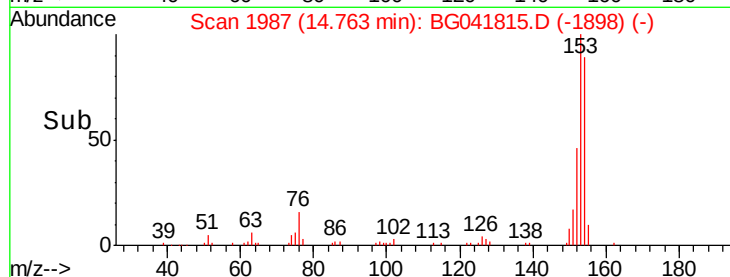
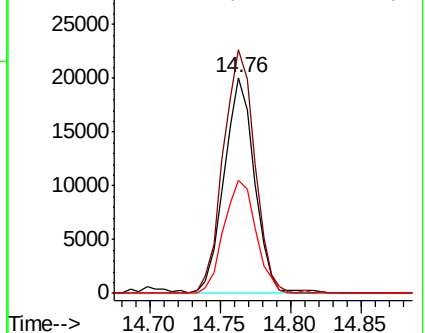
152 52.2 44.9 67.3



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



#54

2,4-Dinitrophenol

Concen: 3.790 ng

RT: 14.81 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

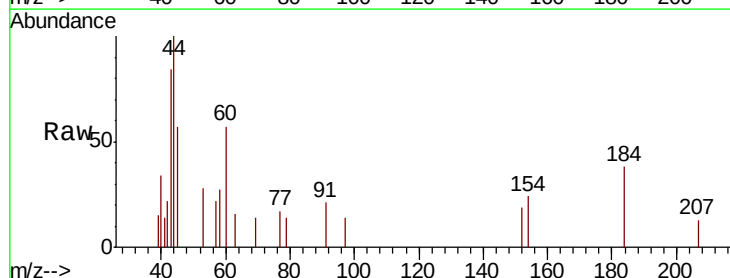
Tgt Ion:184 Resp: 724

Ion Ratio Lower Upper

184 100

63 42.1 43.2 64.8#

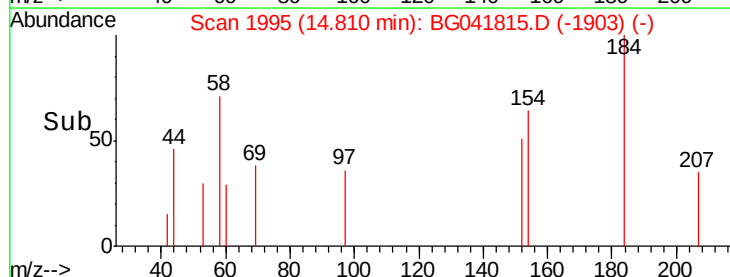
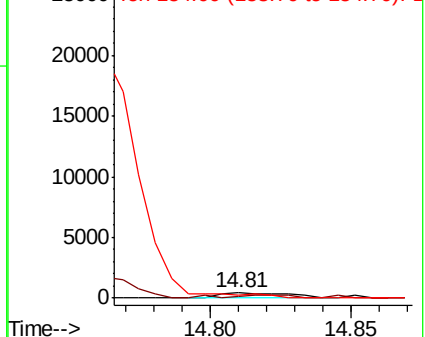
154 64.1 51.4 77.2

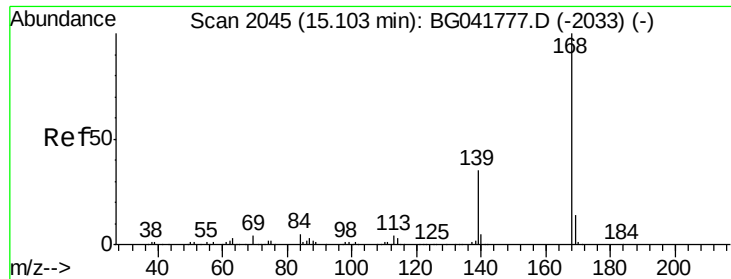


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

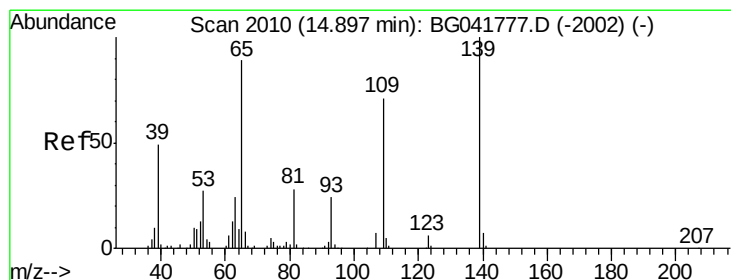
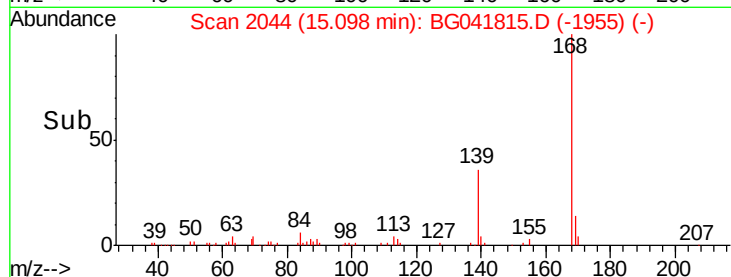
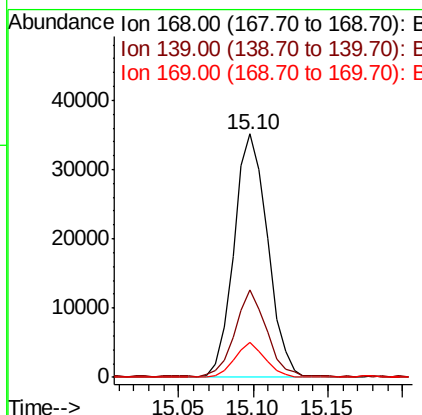
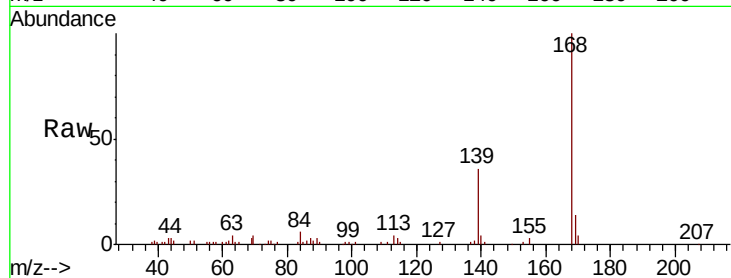




#55
Dibenzofuran
Concen: 3.115 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

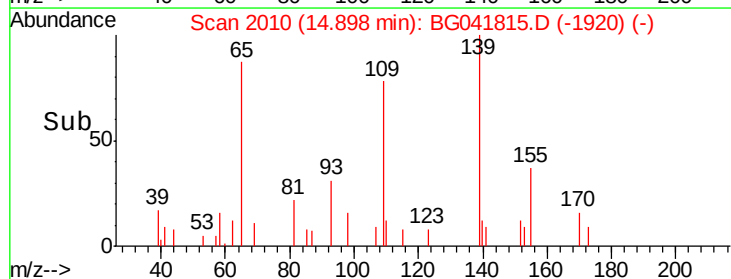
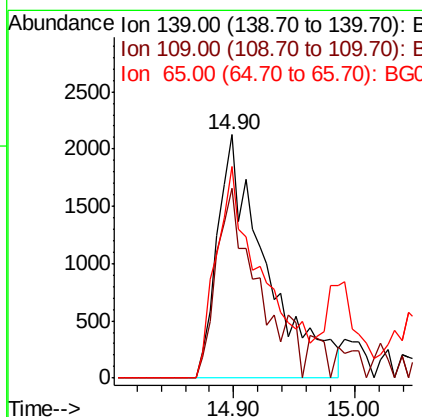
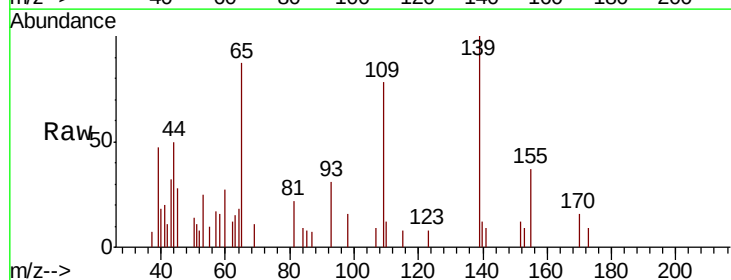
Instrument :
BNA_G
ClientSampleId :
TP-5

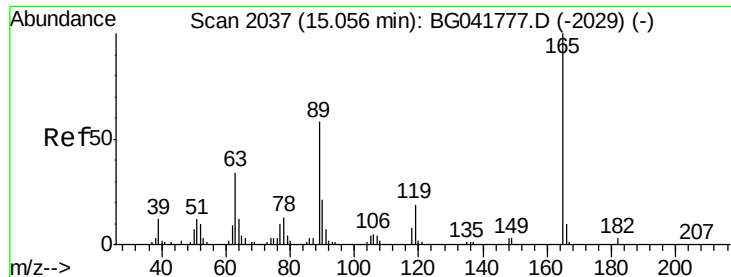
Tot Ion:168 Resp: 55246
Ion Ratio Lower Upper
168 100
139 36.2 31.9 47.9
169 14.3 12.5 18.7



#56
4-Nitrophenol
Concen: 2.344 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Tgt Ion:139 Resp: 5919
Ion Ratio Lower Upper
139 100
109 78.1 51.3 91.3
65 86.9 77.6 117.6

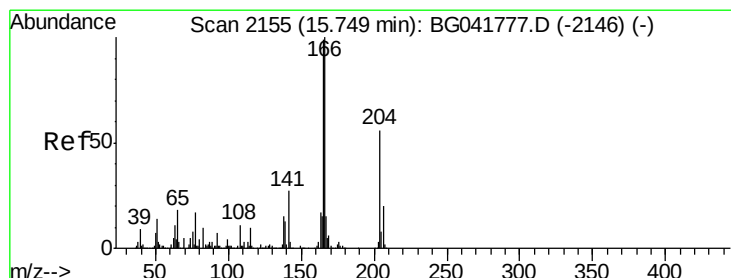
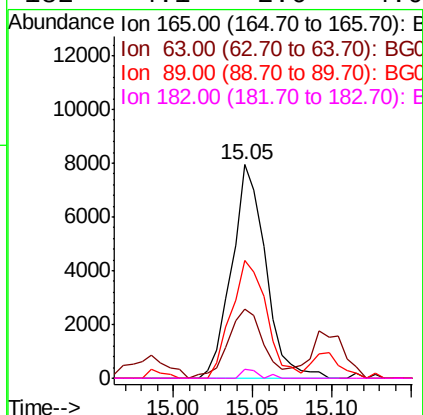
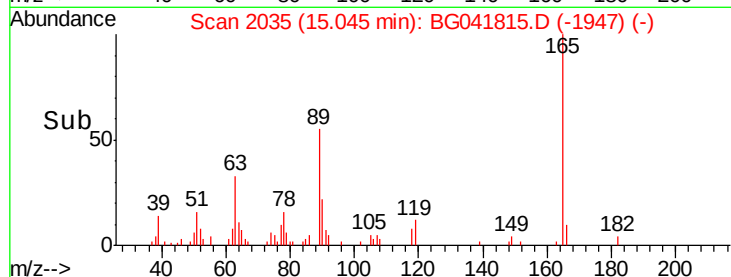
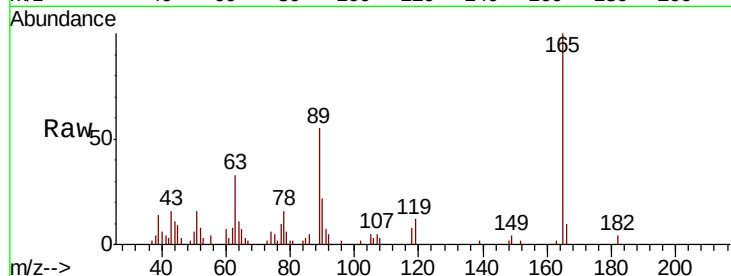




#57
 2,4-Dinitrotoluene
 Concen: 2.758 ng
 RT: 15.05 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG041815.D
 Acq: 30 Jul 2019 23:47

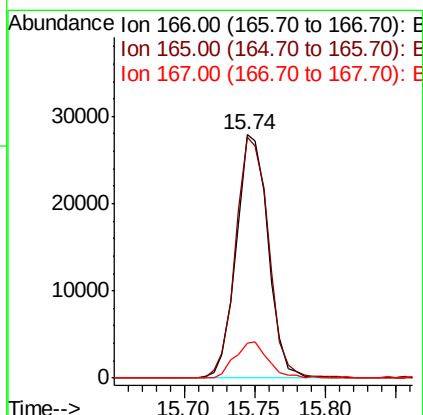
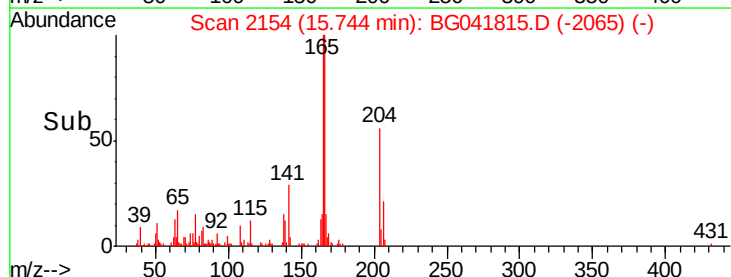
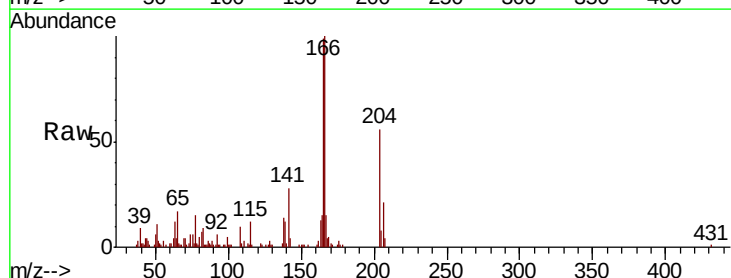
Instrument :
 BNA_G
 ClientSampleId :
 TP-5

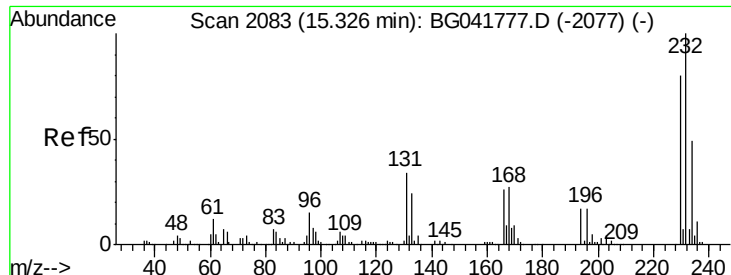
Tot Ion:165 Resp: 11794
 Ion Ratio Lower Upper
 165 100
 63 32.7 31.7 47.5
 89 54.9 50.2 75.4
 182 4.1 2.6 4.0#



#58
 Fluorene
 Concen: 3.081 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BG041815.D
 Acq: 30 Jul 2019 23:47

Tgt Ion:166 Resp: 43852
 Ion Ratio Lower Upper
 166 100
 165 99.1 80.5 120.7
 167 14.5 12.4 18.6

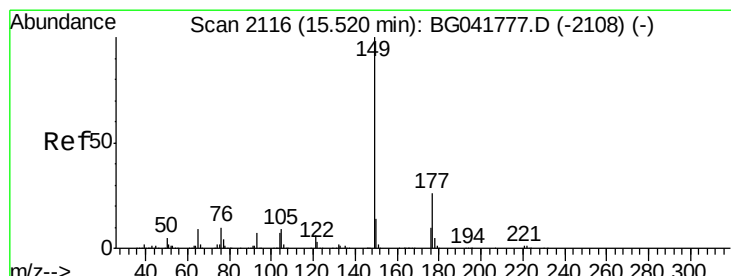
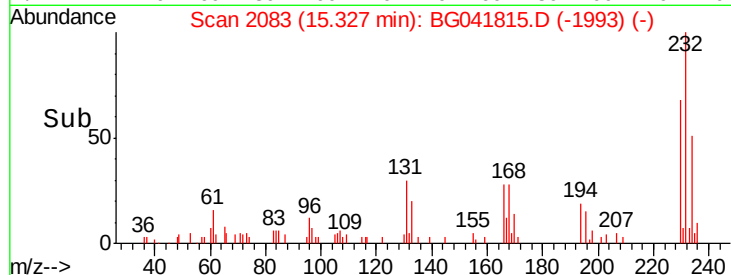
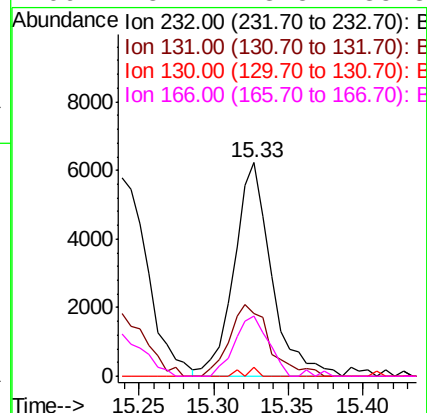
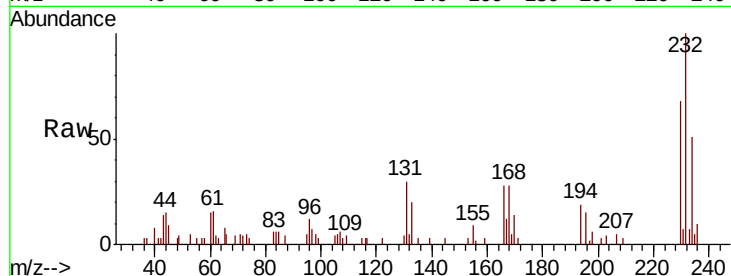




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 2.418 ng
 RT: 15.33 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG041815.D
 Acq: 30 Jul 2019 23:47

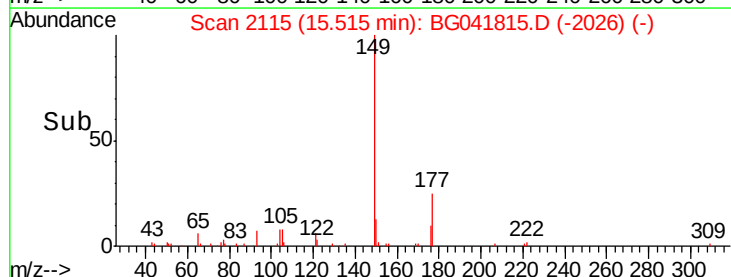
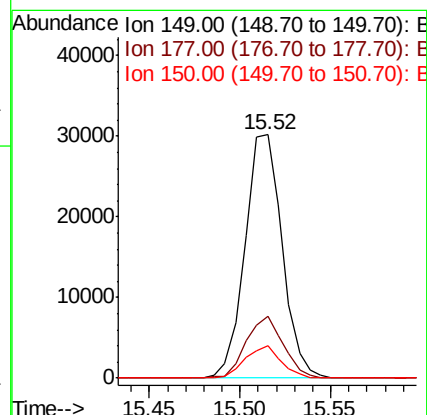
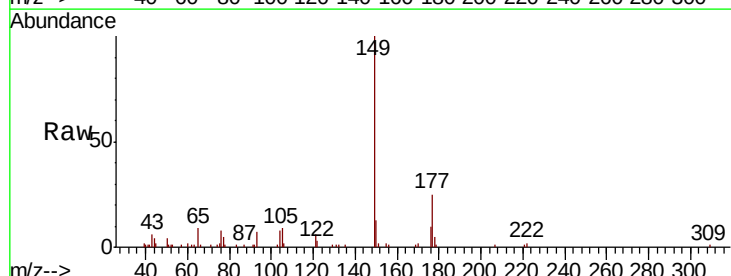
Instrument :
 BNA_G
 ClientSampleId :
 TP-5

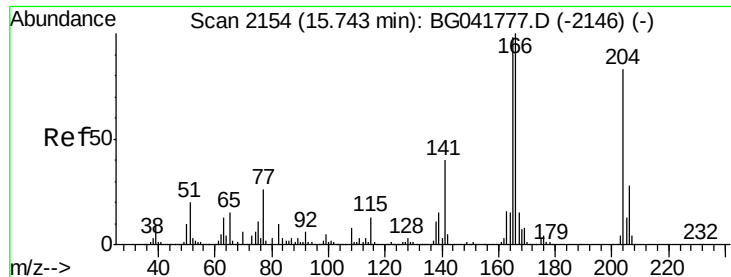
Tot Ion:	232	Resp:	10843
Ion	Ratio	Lower	Upper
232	100		
131	36.3	31.8	47.6
130	0.6	1.8	2.8
166	25.7	23.5	35.3



#60
 Diethylphthalate
 Concen: 2.945 ng
 RT: 15.52 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG041815.D
 Acq: 30 Jul 2019 23:47

Tgt Ion:	149	Resp:	42989
Ion	Ratio	Lower	Upper
149	100		
177	25.2	20.7	31.1
150	13.2	11.5	17.3

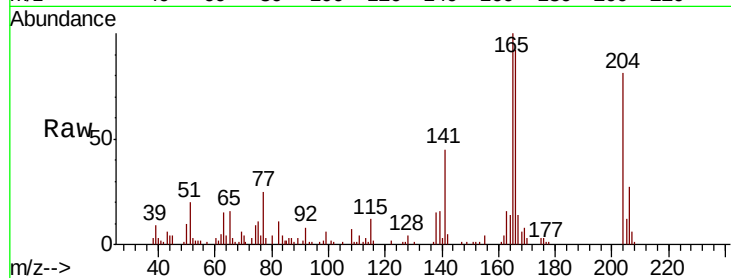




#61
4-Chlorophenyl-phenylether
Concen: 2.689 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Instrument :
BNA_G
ClientSampled :
TP-5

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	28.6	42.8
141	55.3	42.9	64.3

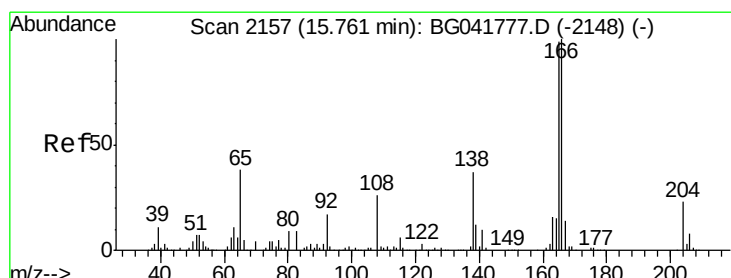
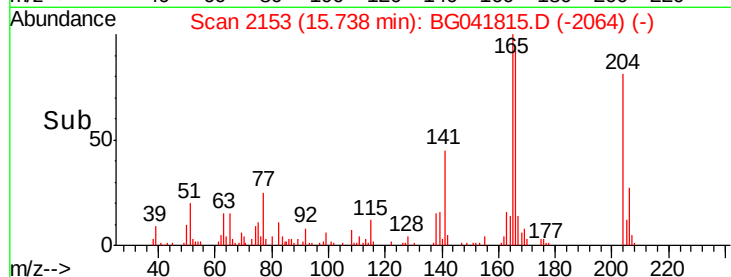
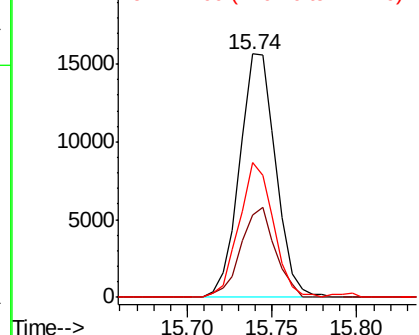


Abundance

Ion 204.00 (203.70 to 204.70): E

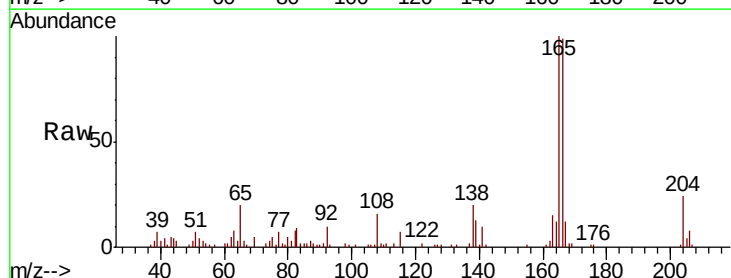
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 2.494 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.8	29.8	69.8
108	79.2	52.2	92.2

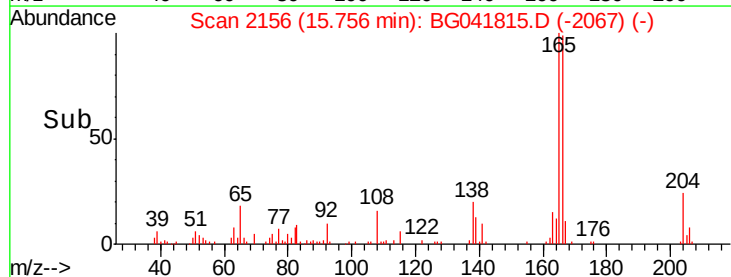
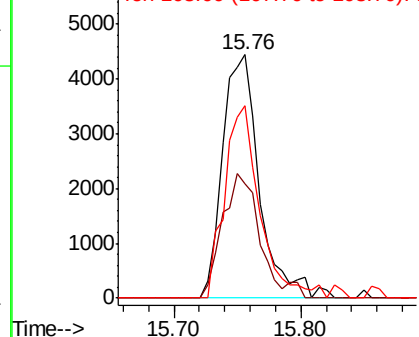


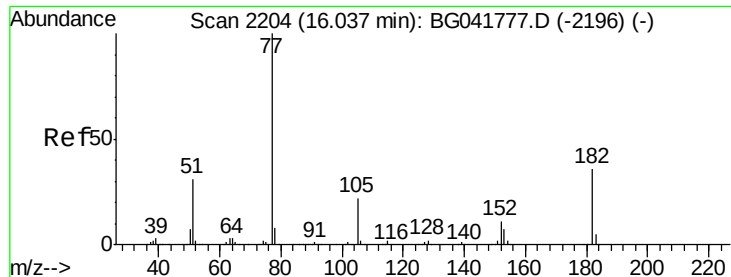
Abundance

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: 2.951 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Instrument :

BNA_G

ClientSampleId :

TP-5

Tot Ion: 77 Resp: 35189

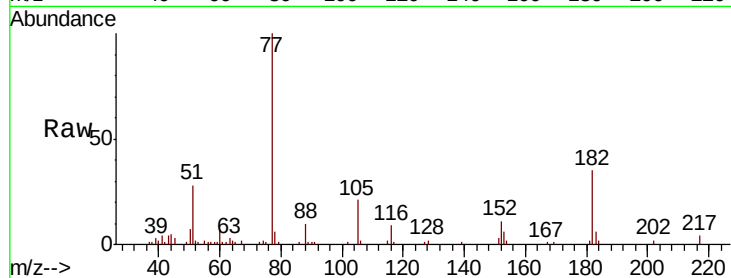
Ion Ratio Lower Upper

77 100

182 35.4 13.2 53.2

105 21.4 2.2 42.2

51 28.3 14.6 54.6

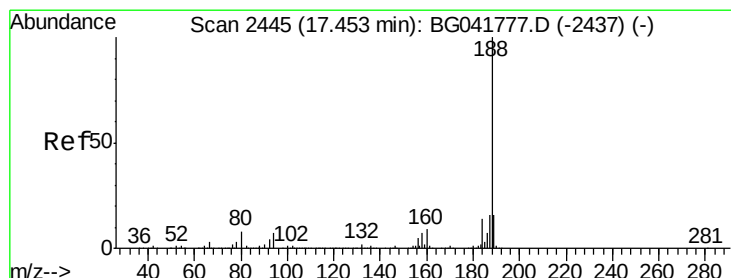
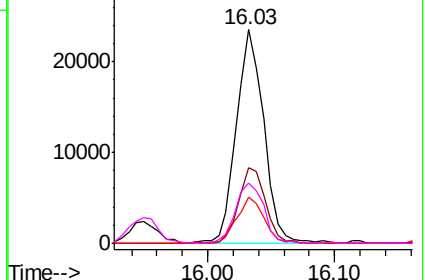
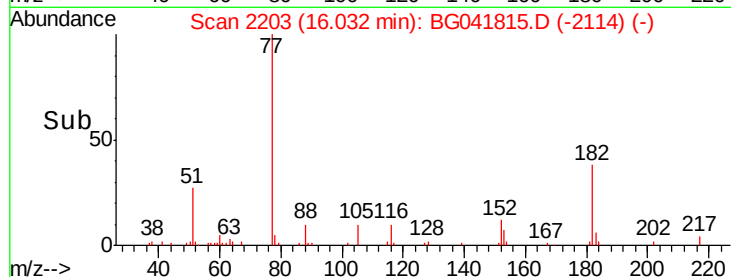


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.45 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

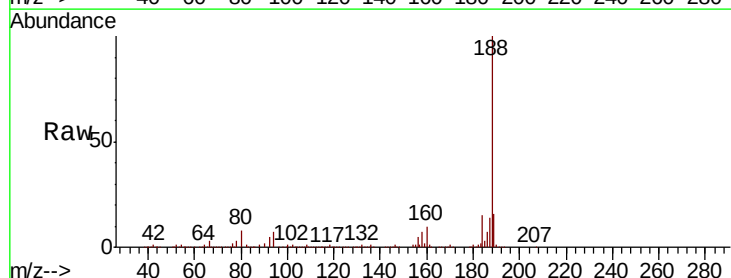
Tgt Ion: 188 Resp: 554527

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

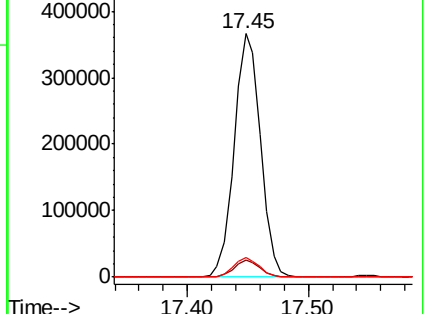
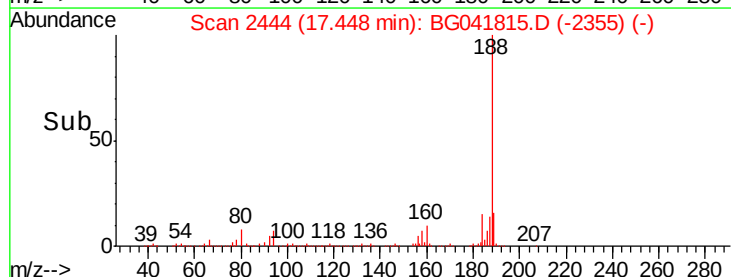
80 7.9 8.0 12.0#

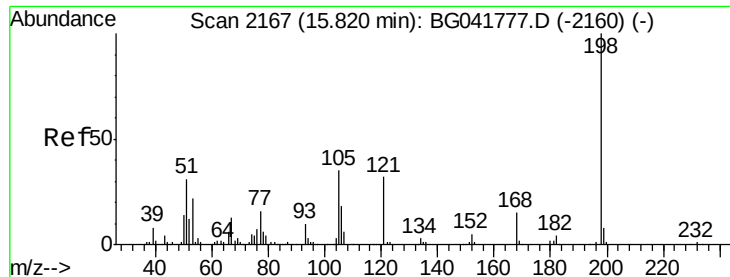


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

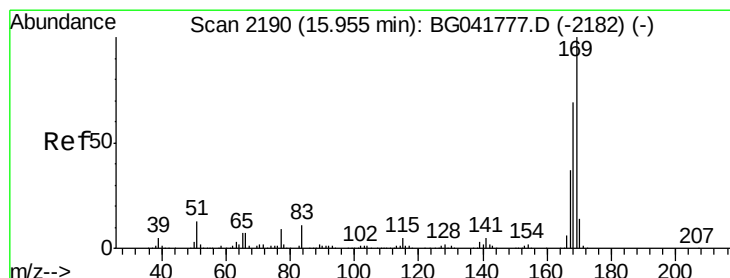
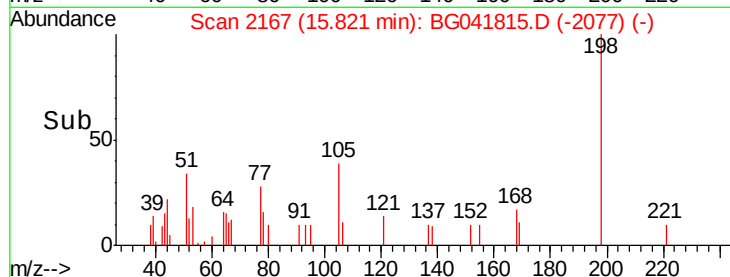
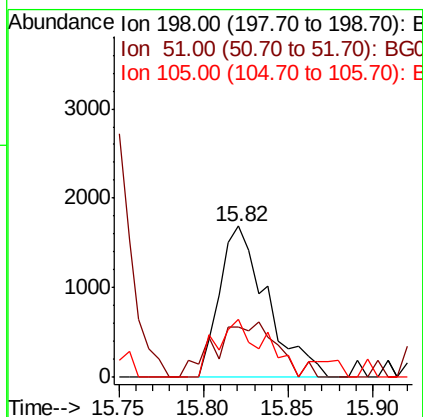
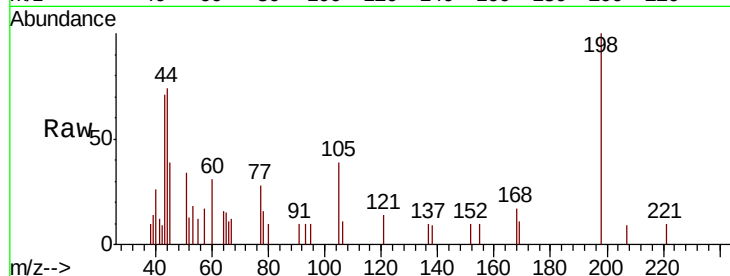




#65
4,6-Dinitro-2-methylphenol
Concen: 7.894 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

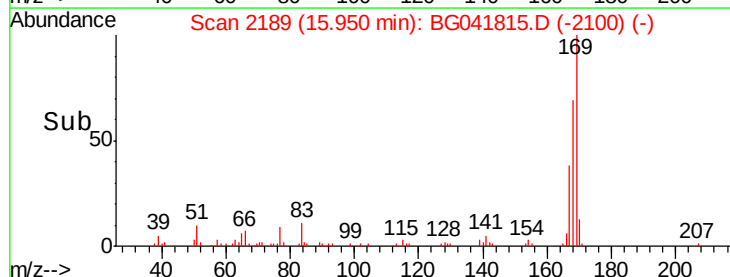
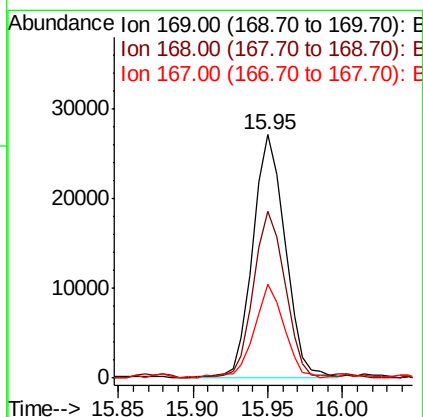
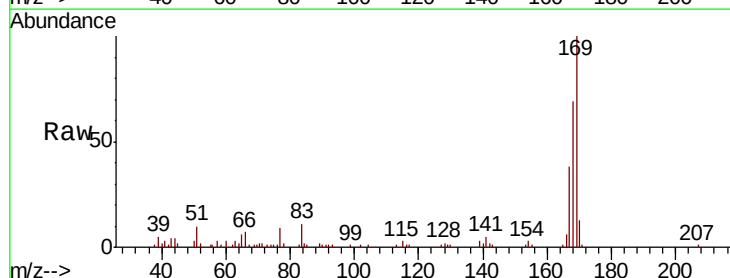
Instrument :
BNA_G
ClientSampleId :
TP-5

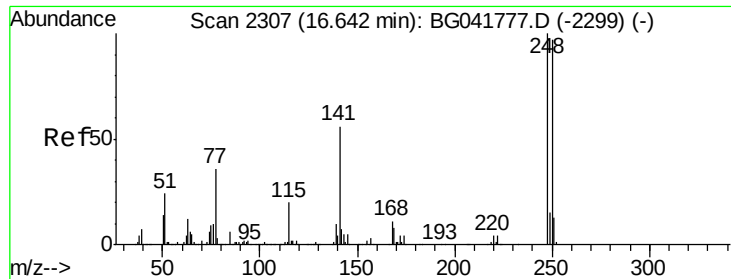
Tot Ion	Ratio	Lower	Upper
198	100		
51	33.6	22.3	62.3
105	38.6	18.0	58.0



#66
n-Nitrosodiphenylamine
Concen: 2.699 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.7	56.9	85.3
167	38.3	31.5	47.3

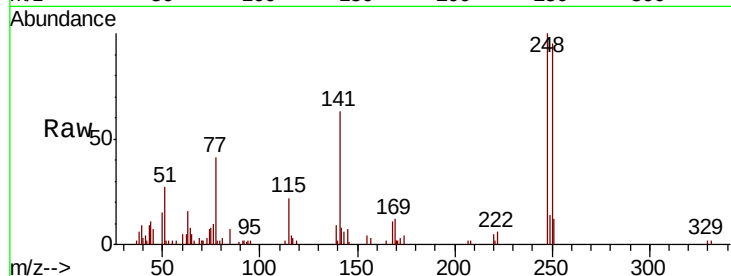




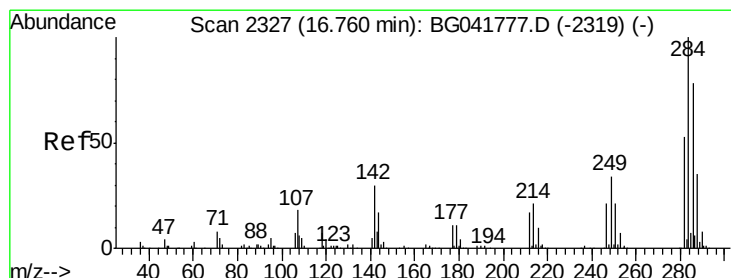
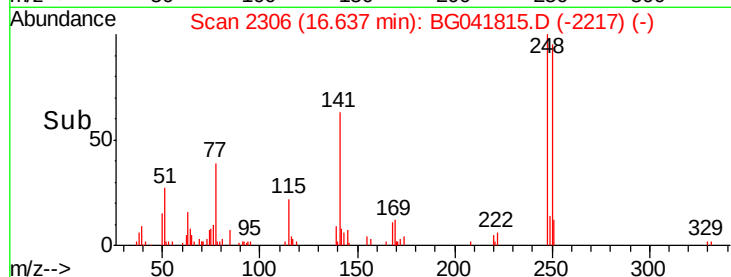
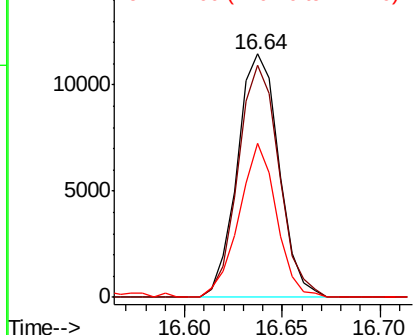
#67
4-Bromophenyl-phenylether
Concen: 2.478 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Instrument :
BNA_G
ClientSampleId :
TP-5

Tot Ion:248 Resp: 16925
Ion Ratio Lower Upper
248 100
250 95.2 78.1 117.1
141 63.2 49.6 74.4

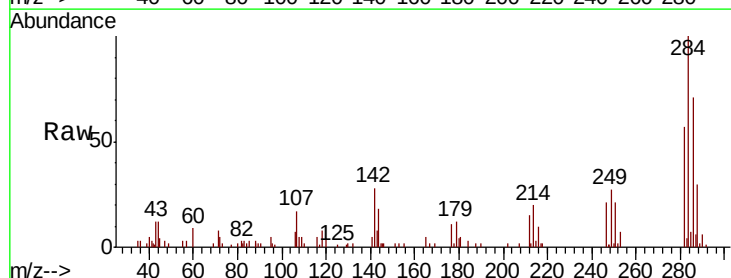


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

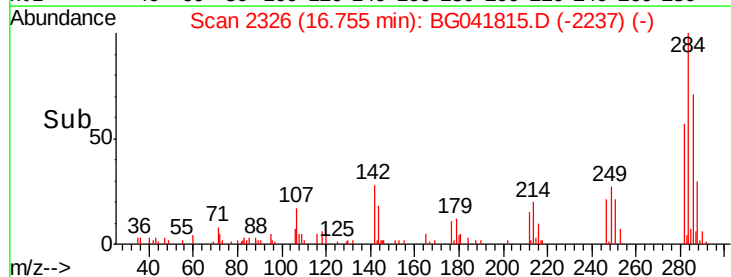
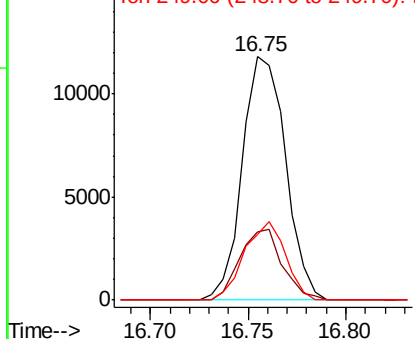


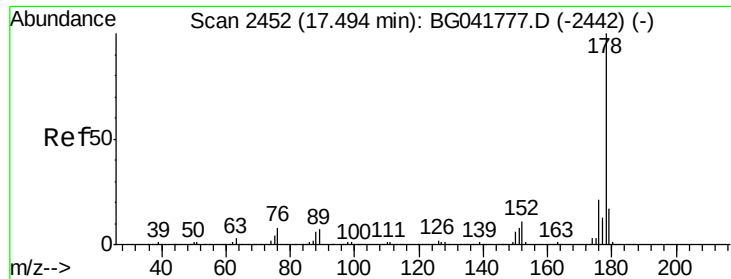
#68
Hexachlorobenzene
Concen: 2.535 ng
RT: 16.75 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Tgt Ion:284 Resp: 18116
Ion Ratio Lower Upper
284 100
142 28.2 27.0 40.6
249 27.2 28.4 42.6#



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

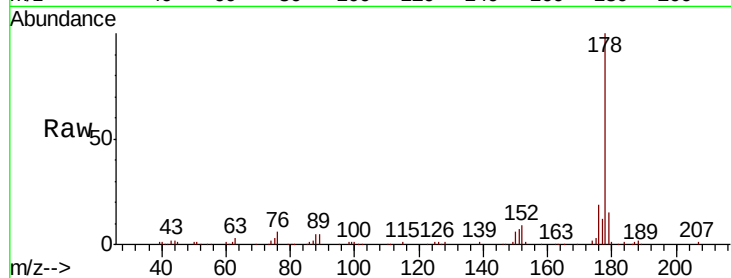




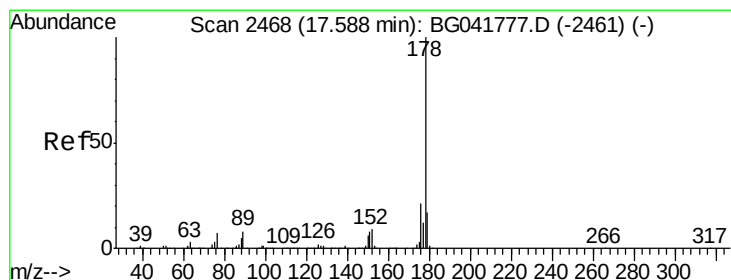
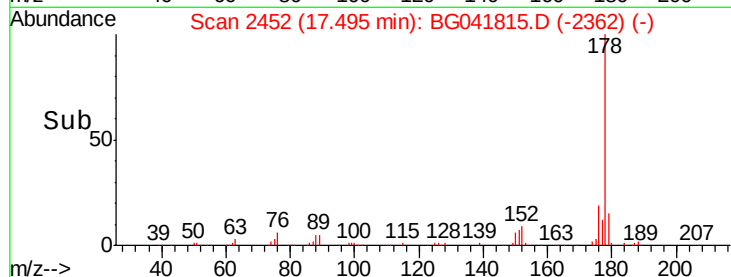
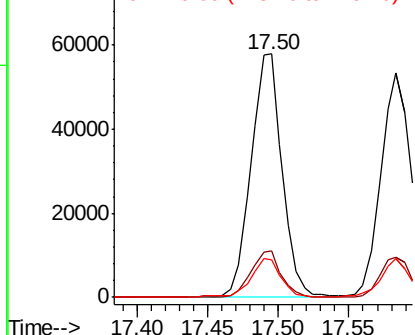
#71
Phenanthrene
Concen: 3.383 ng
RT: 17.50 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Instrument :
BNA_G
ClientSampleId :
TP-5

Tot Ion:178 Resp: 89913
Ion Ratio Lower Upper
178 100
176 18.9 18.6 28.0
179 15.3 15.4 23.0#

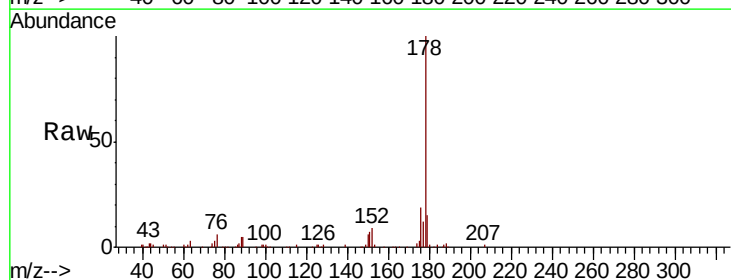


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

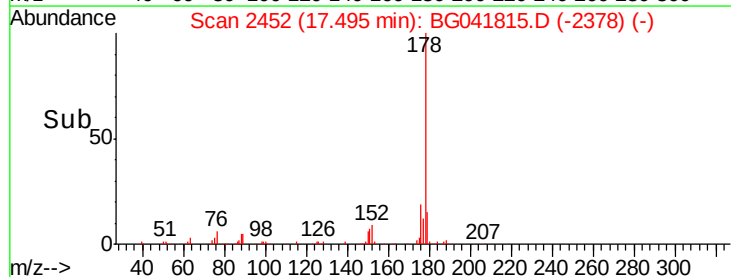
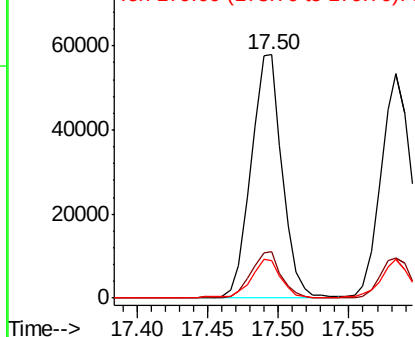


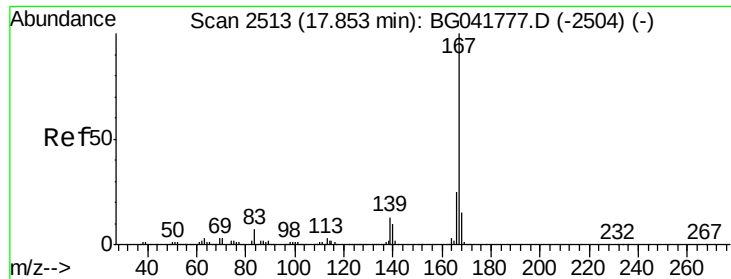
#72
Anthracene
Concen: 3.392 ng
RT: 17.50 min Scan# 2452
Delta R.T. -0.09 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Tgt Ion:178 Resp: 89913
Ion Ratio Lower Upper
178 100
176 18.9 18.6 28.0
179 15.3 15.1 22.7



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





#73

Carbazole

Concen: 3.544 ng

RT: 17.85 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Instrument :

BNA_G

ClientSampleId :

TP-5

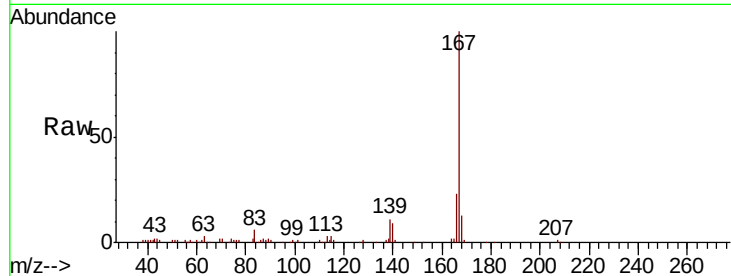
Tot Ion:167 Resp: 84319

Ion Ratio Lower Upper

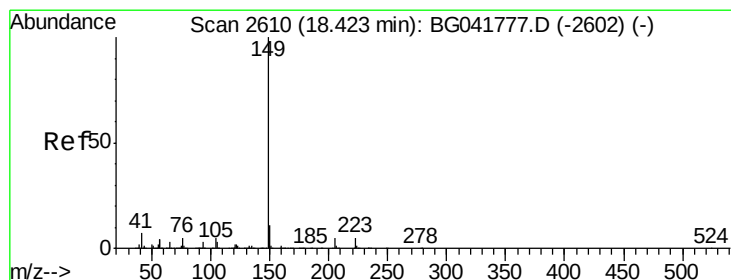
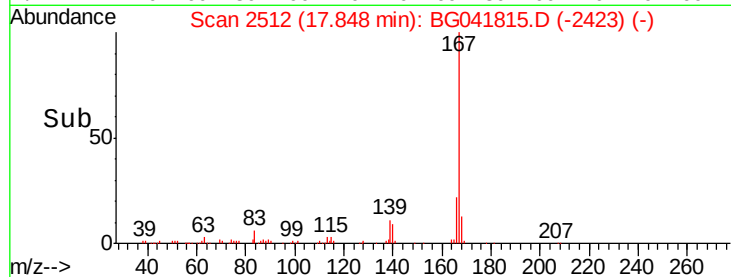
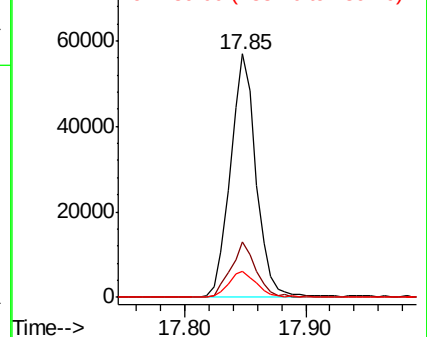
167 100

166 22.6 21.4 32.2

139 10.7 12.1 18.1#



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: 3.554 ng

RT: 18.42 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

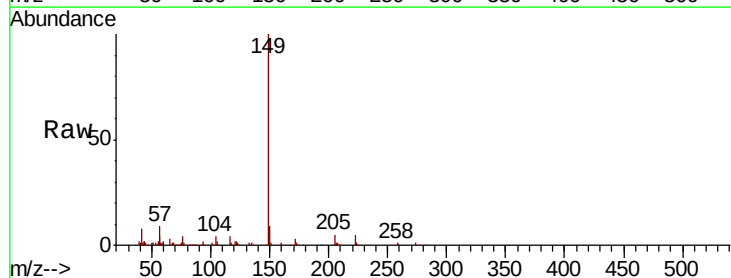
Tgt Ion:149 Resp: 95872

Ion Ratio Lower Upper

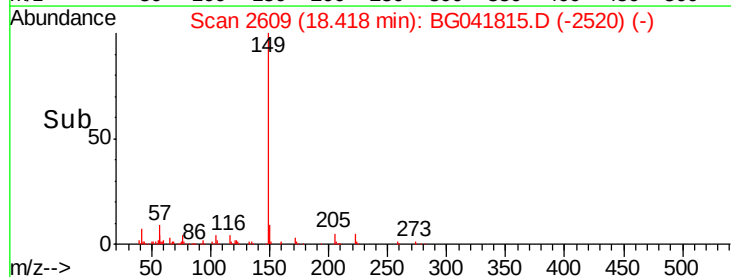
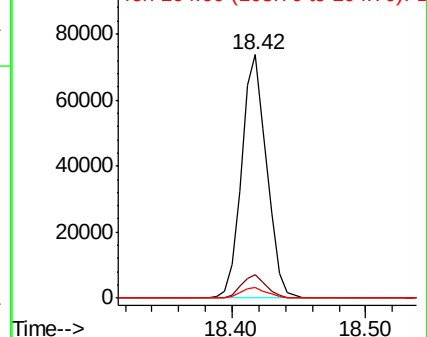
149 100

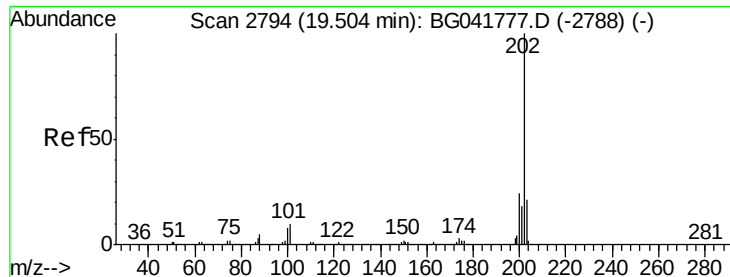
150 9.4 10.2 15.2#

104 4.3 5.3 7.9#



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: 3.891 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Instrument :

BNA_G

ClientSampleId :

TP-5

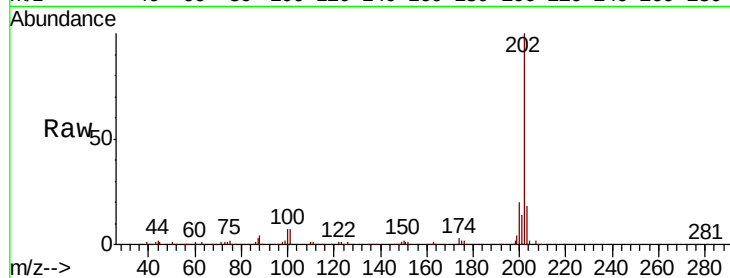
Tot Ion:202 Resp: 125728

Ion Ratio Lower Upper

202 100

101 7.1 0.0 32.8

203 17.9 3.7 43.7

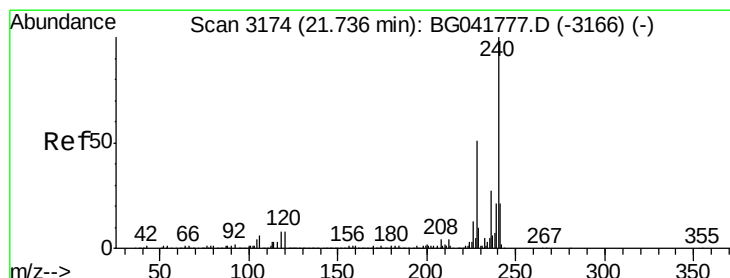
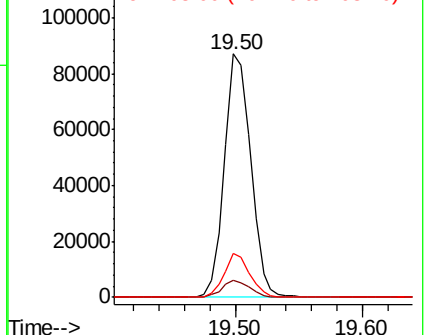
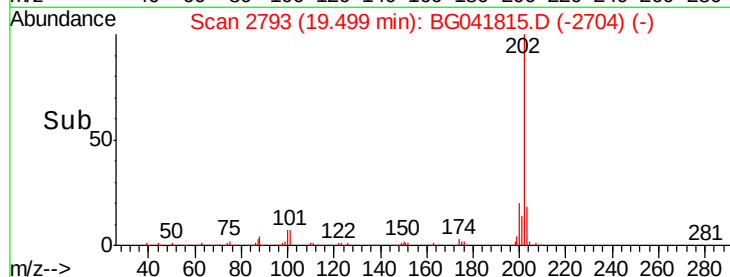


Abundance

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: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

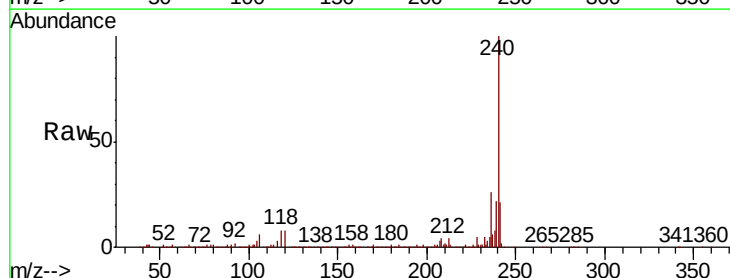
Tgt Ion:240 Resp: 714569

Ion Ratio Lower Upper

240 100

120 7.9 8.0 12.0#

236 26.4 22.6 33.8

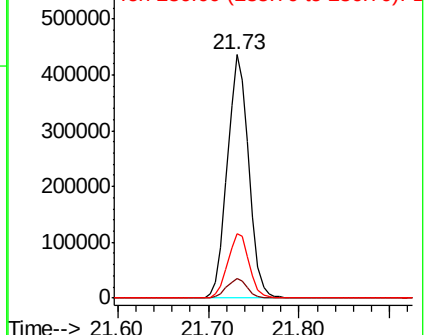
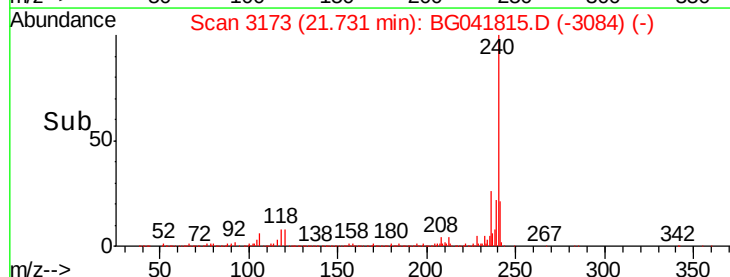


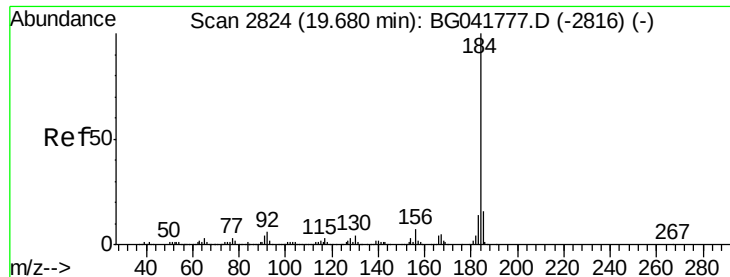
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.027 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.39 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Instrument :

BNA_G

ClientSampleId :

TP-5

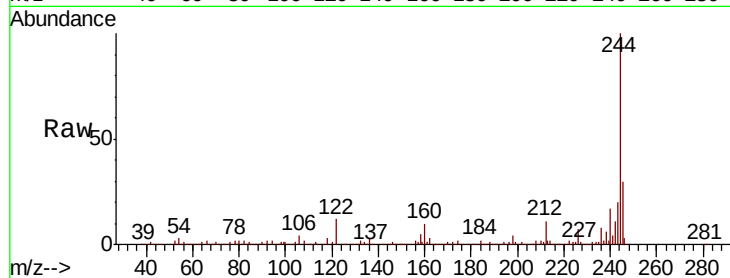
Tot Ion:184 Resp: 47284

Ion Ratio Lower Upper

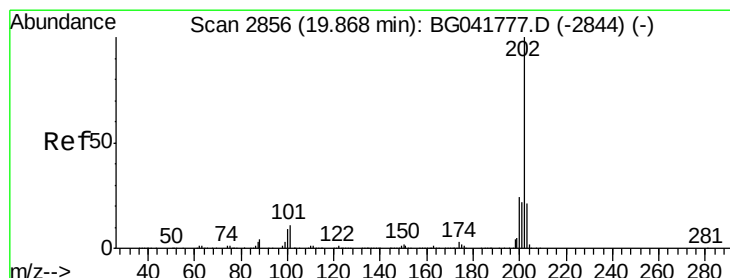
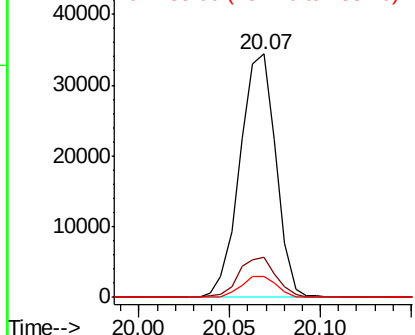
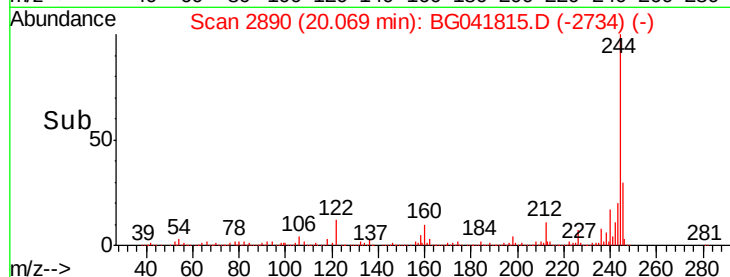
184 100

185 16.6 13.0 19.4

183 8.5 11.8 17.6#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 3.149 ng

RT: 19.86 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

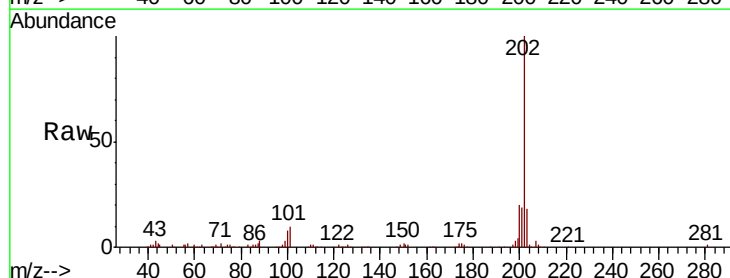
Tgt Ion:202 Resp: 133301

Ion Ratio Lower Upper

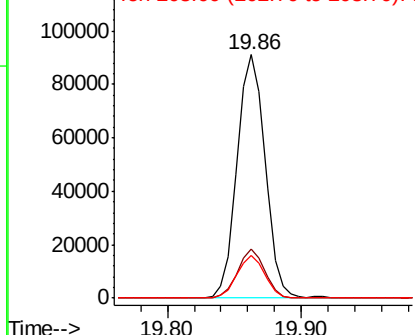
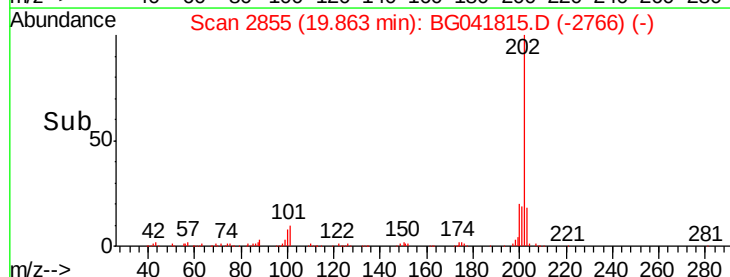
202 100

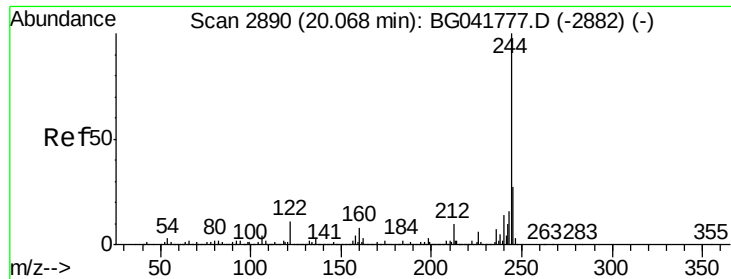
200 20.1 22.2 33.2#

203 17.7 18.9 28.3#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.625 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Instrument :

BNA_G

ClientSampleId :

TP-5

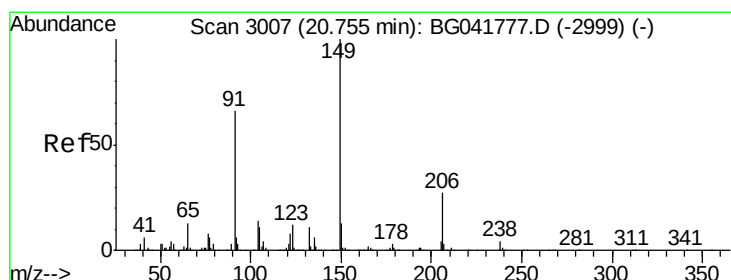
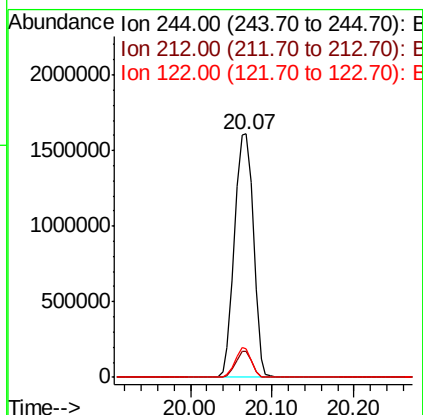
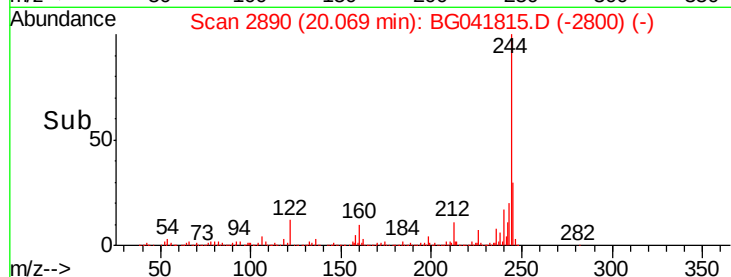
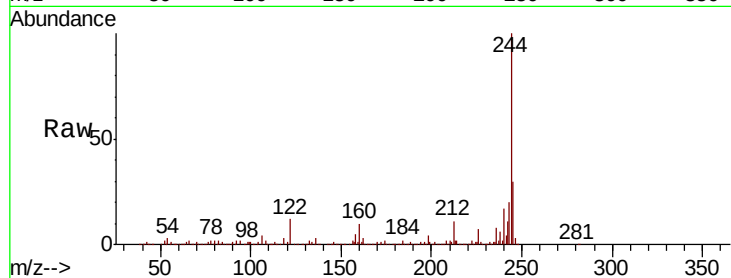
Tot Ion:244 Resp: 2611406

Ion Ratio Lower Upper

244 100

212 10.9 9.7 14.5

122 11.6 12.5 18.7#



#80

Butylbenzylphthalate

Concen: 2.836 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

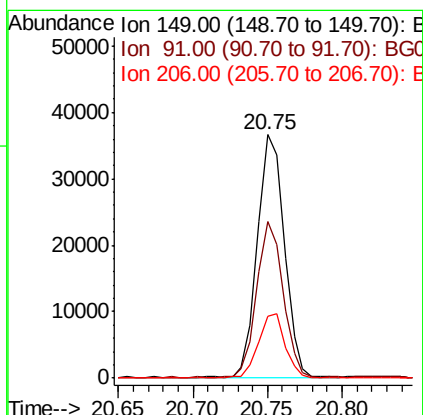
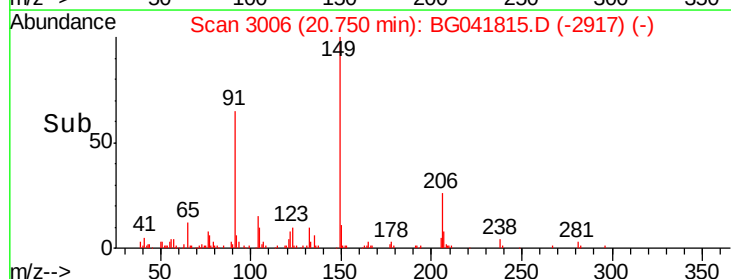
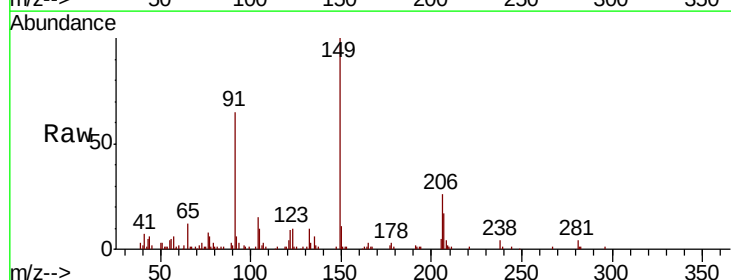
Tgt Ion:149 Resp: 46041

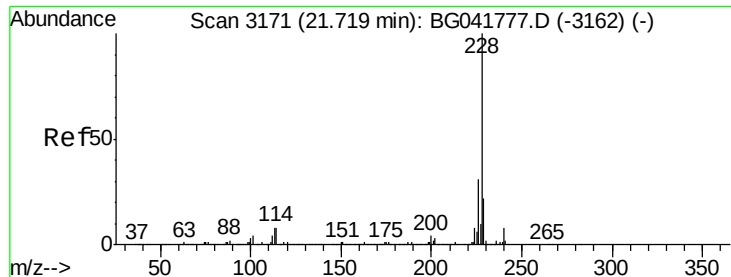
Ion Ratio Lower Upper

149 100

91 64.6 58.9 88.3

206 25.6 20.8 31.2

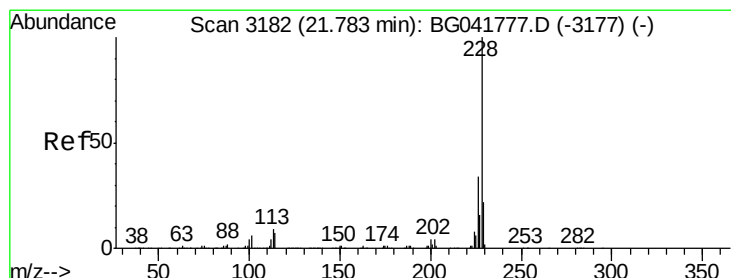
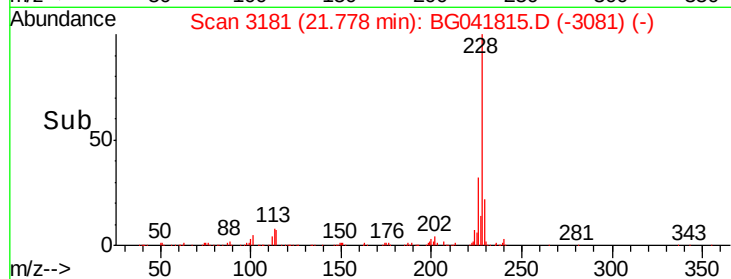
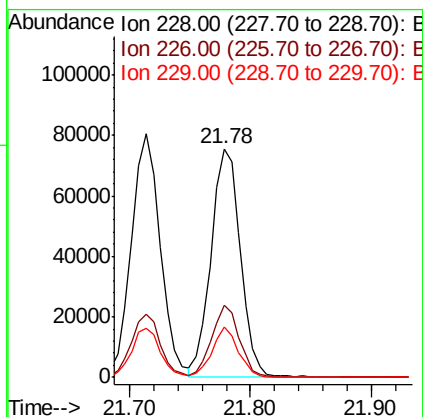
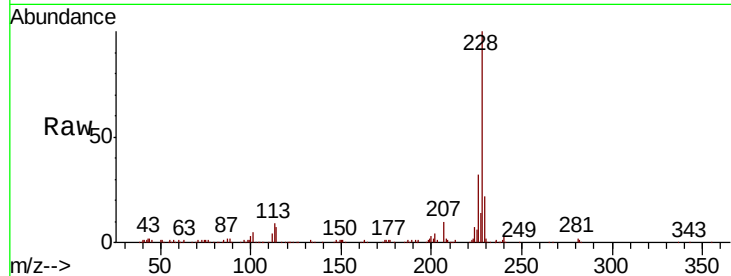




#81
Benzo(a)anthracene
Concen: 2.997 ng
RT: 21.78 min Scan# 3181
Delta R.T. 0.06 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

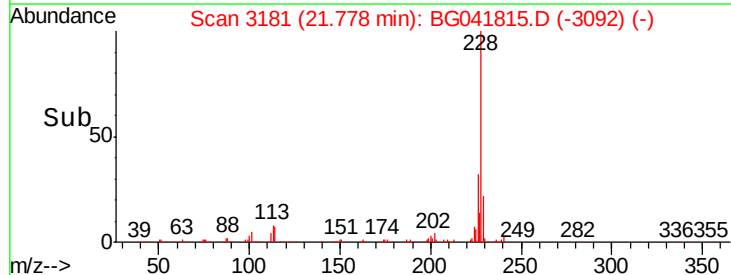
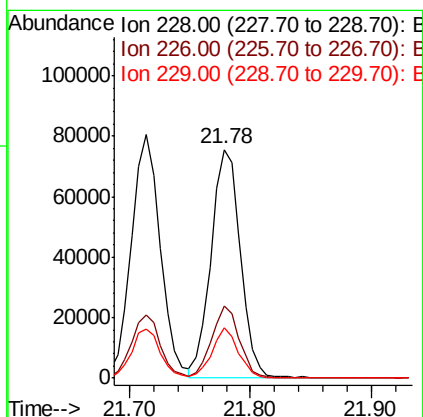
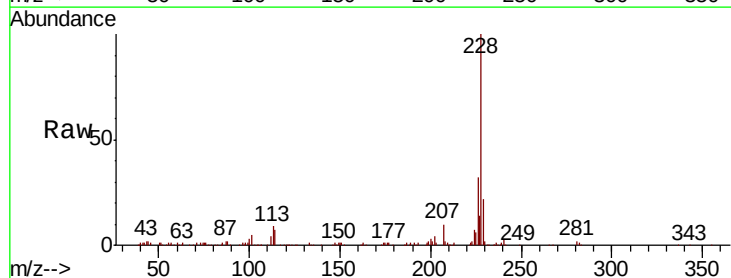
Instrument :
BNA_G
ClientSampled :
TP-5

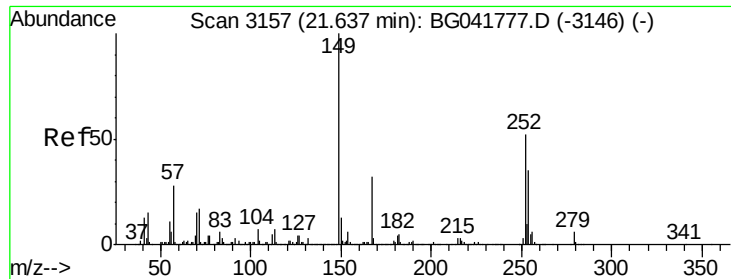
Tot Ion:228 Resp: 126689
Ion Ratio Lower Upper
228 100
226 31.6 27.3 40.9
229 22.0 19.7 29.5



#83
Chrysene
Concen: 3.126 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.01 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Tgt Ion:228 Resp: 126689
Ion Ratio Lower Upper
228 100
226 31.6 30.1 45.1
229 22.0 19.8 29.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.984 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Instrument :

BNA_G

ClientSampleId :

TP-5

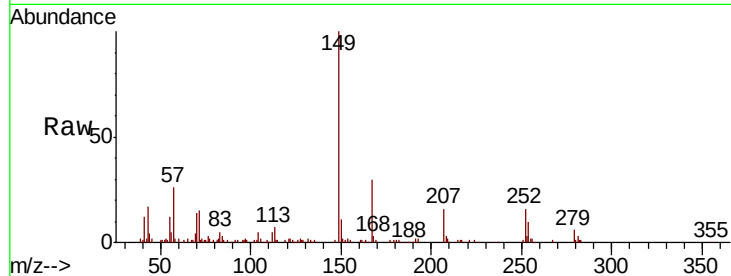
Tot Ion:149 Resp: 66812

Ion Ratio Lower Upper

149 100

167 29.6 27.0 40.4

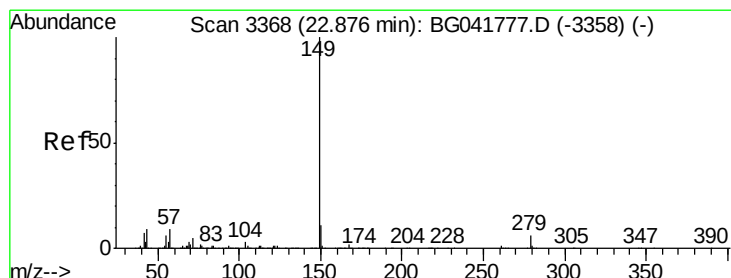
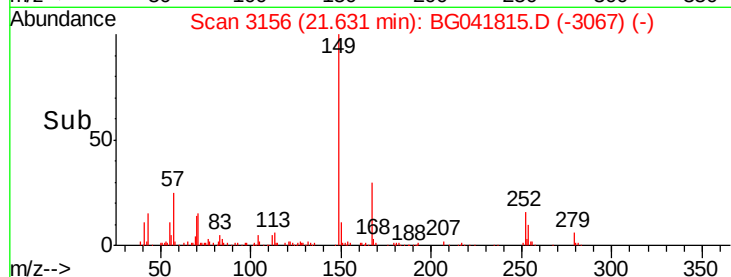
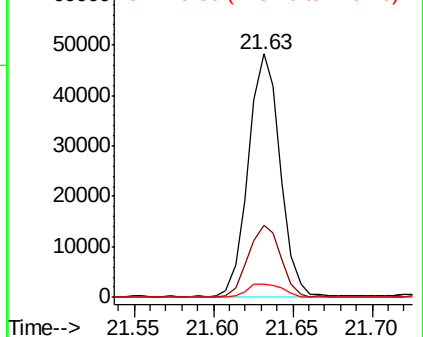
279 5.5 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 2.911 ng

RT: 22.87 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

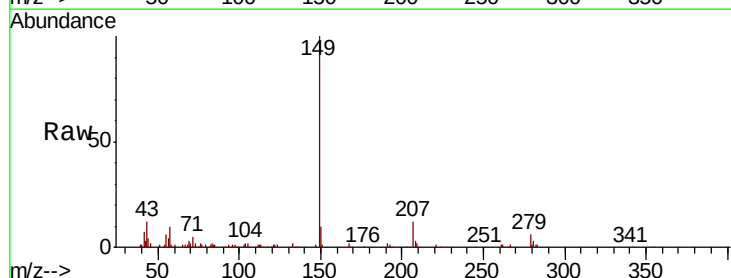
Tgt Ion:149 Resp: 109677

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

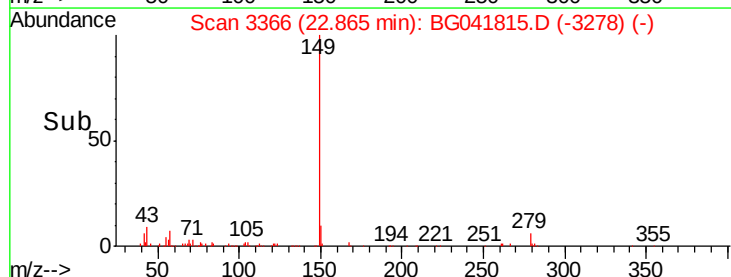
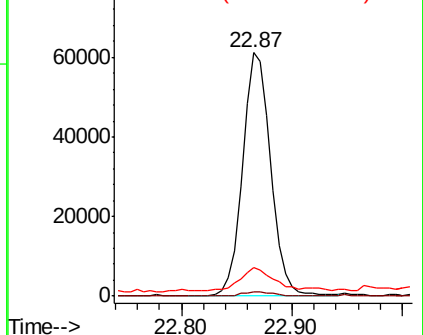
43 11.0 10.6 16.0

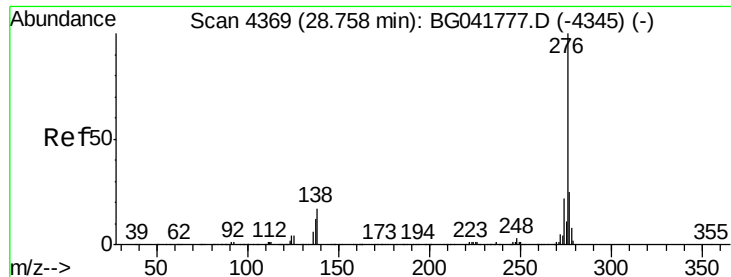


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

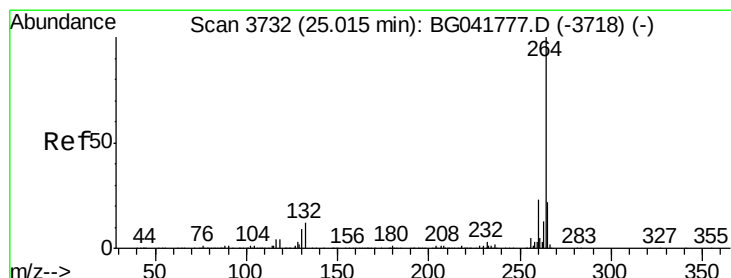
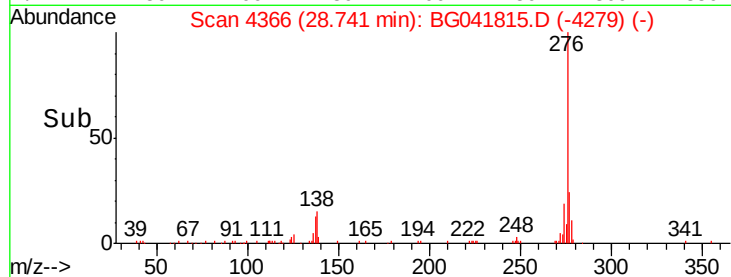
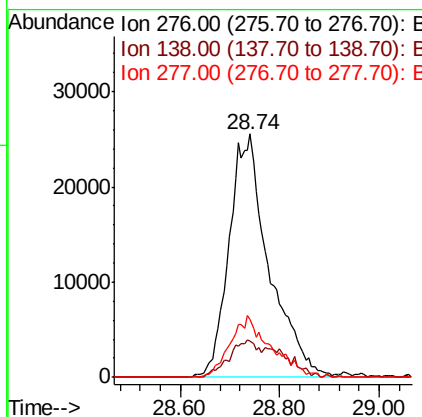
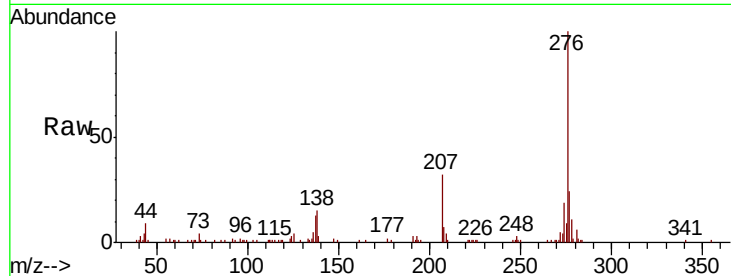




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.646 ng
 RT: 28.74 min Scan# 4366
 Delta R.T. -0.02 min
 Lab File: BG041815.D
 Acq: 30 Jul 2019 23:47

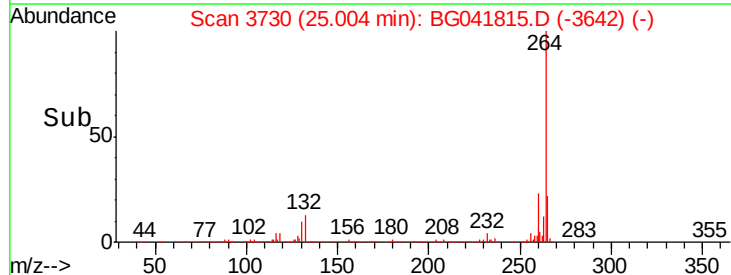
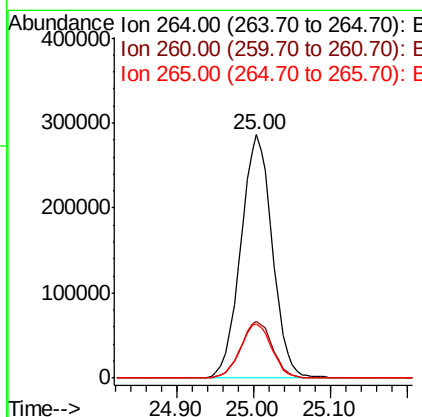
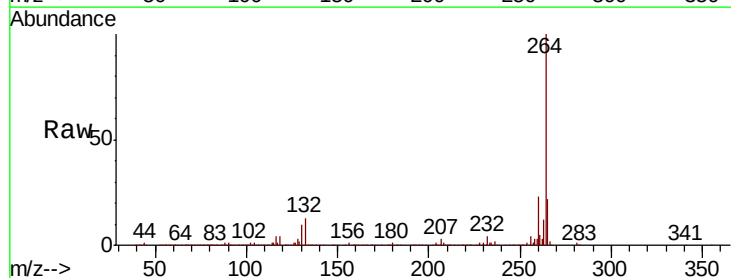
Instrument :
 BNA_G
 ClientSampleId :
 TP-5

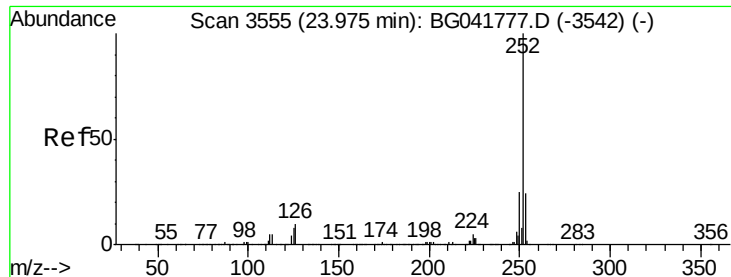
Tot Ion	Ratio	Lower	Upper
276	100		
138	11.4	19.4	29.0#
277	25.4	21.2	31.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.00 min Scan# 3730
 Delta R.T. -0.01 min
 Lab File: BG041815.D
 Acq: 30 Jul 2019 23:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.0	18.0	27.0





#88

Benzo(b)fluoranthene

Concen: 2.993 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.02 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Instrument :

BNA_G

ClientSampleId :

TP-5

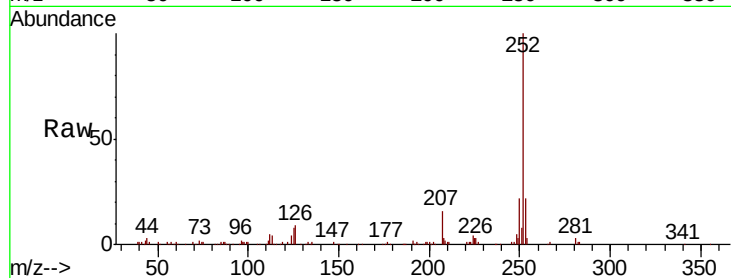
Tot Ion:252 Resp: 134138

Ion Ratio Lower Upper

252 100

253 21.5 20.6 30.8

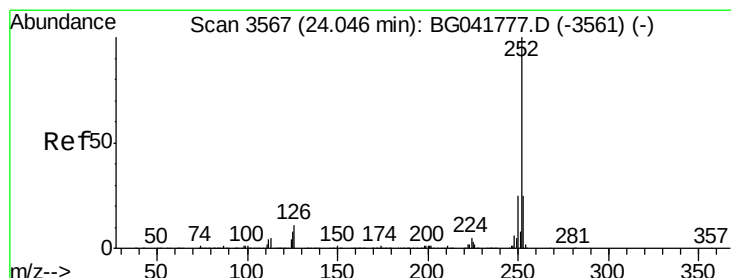
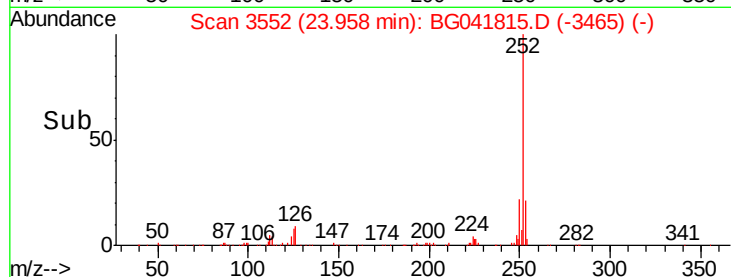
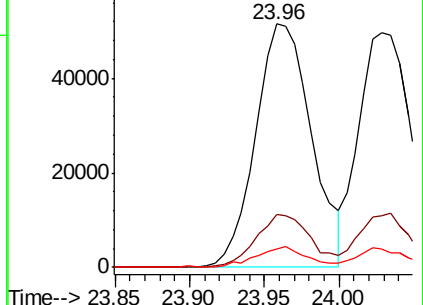
125 7.8 8.0 12.0#



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



#89

Benzo(k)fluoranthene

Concen: 2.778 ng

RT: 24.03 min Scan# 3564

Delta R.T. -0.02 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

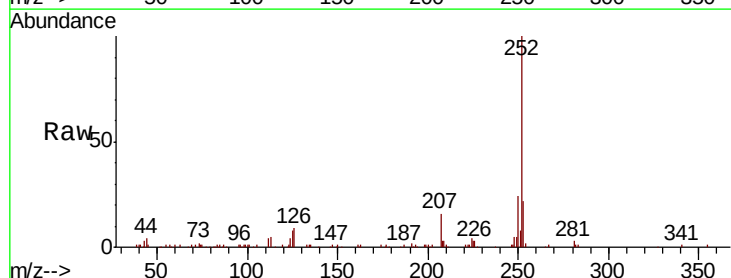
Tgt Ion:252 Resp: 121266

Ion Ratio Lower Upper

252 100

253 22.3 20.5 30.7

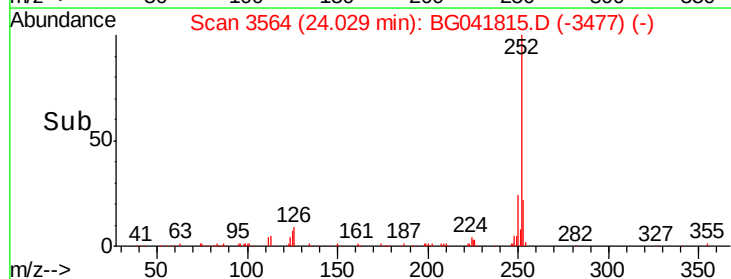
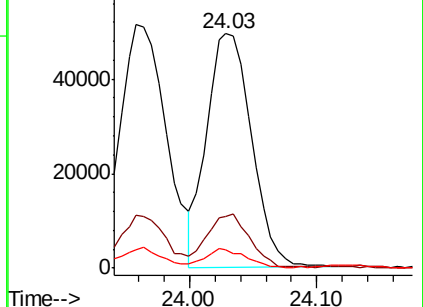
125 7.6 8.4 12.6#

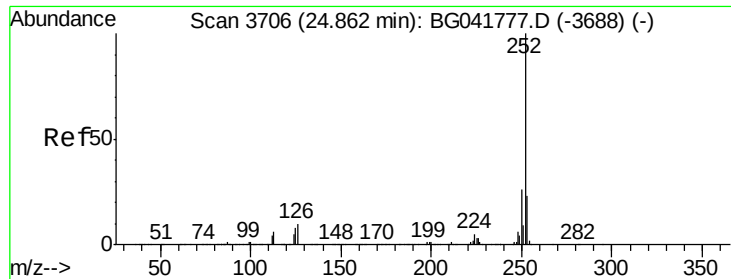


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

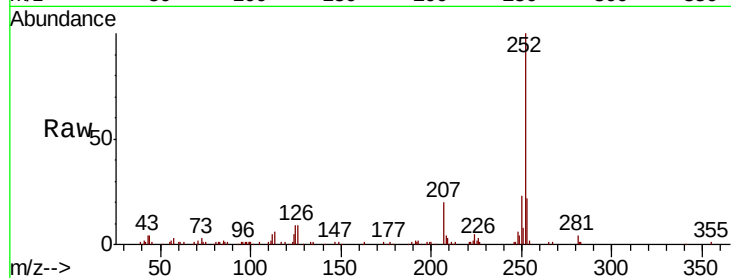




#90
Benzo(a)pyrene
Concen: 2.817 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Instrument :
BNA_G
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	19.8	29.8
125	8.6	8.8	13.2#

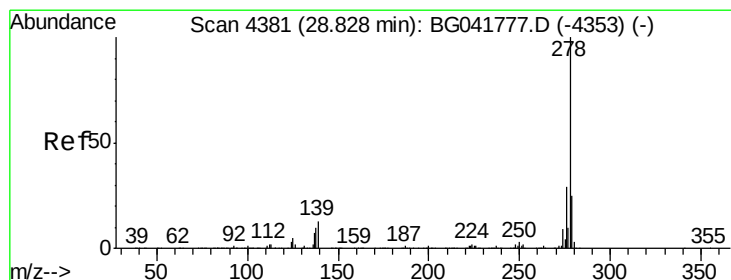
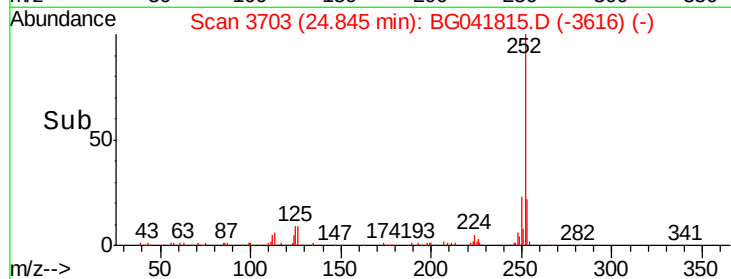
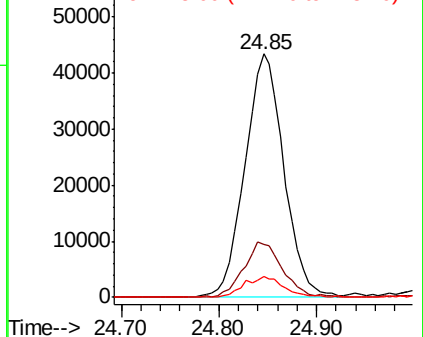


Abundance

Ion 252.00 (251.70 to 252.70): E

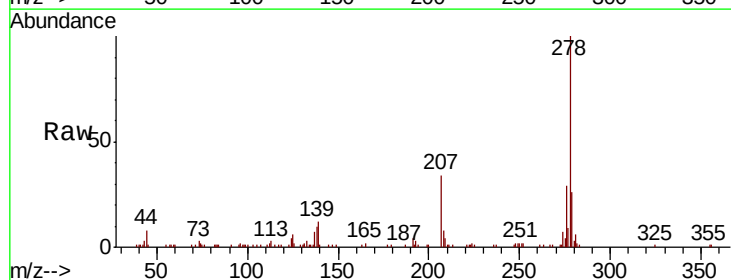
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Dibenzo(a,h)anthracene
Concen: 2.746 ng
RT: 28.81 min Scan# 4377
Delta R.T. -0.02 min
Lab File: BG041815.D
Acq: 30 Jul 2019 23:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.6	12.6	19.0#
279	26.1	20.5	30.7

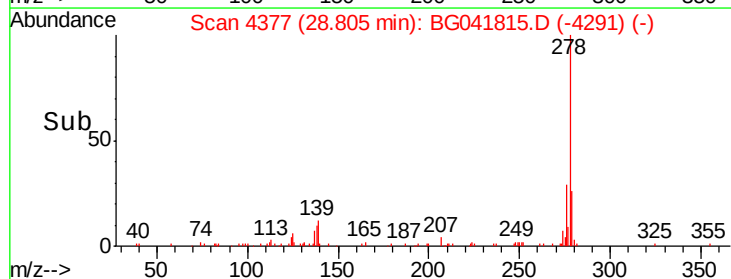
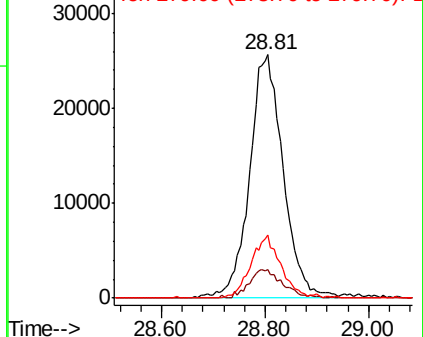


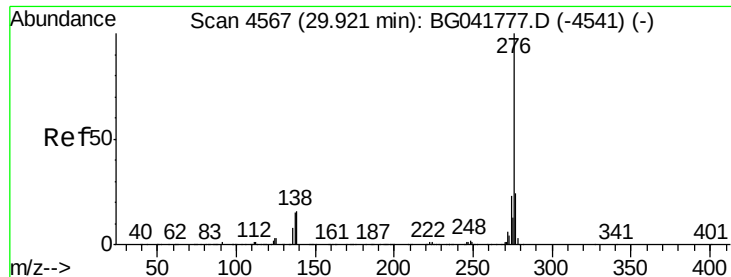
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 2.769 ng

RT: 29.89 min Scan# 4562

Delta R.T. -0.03 min

Lab File: BG041815.D

Acq: 30 Jul 2019 23:47

Instrument :

BNA_G

ClientSampleId :

TP-5

Tot Ion: 276 Resp: 116781

Ion Ratio Lower Upper

276 100

277 23.7 19.8 29.8

138 15.4 16.6 25.0#

