

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073019\
 Data File : BG041816.D
 Acq On : 31 Jul 2019 00:25
 Operator : HP/JU
 Sample : K4021-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Quant Time: Jul 31 01:23:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	88791	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	326497	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	223346	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	547745	20.00	ng	0.00
76) Chrysene-d12	21.73	240	697623	20.00	ng	0.00
87) Perylene-d12	25.01	264	804113	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	563487	123.47	ng	0.00
7) Phenol-d6	7.19	99	691140	112.33	ng	0.00
23) Nitrobenzene-d5	9.21	82	510485	107.60	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	422084	166.38	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1307687	103.27	ng	0.00
79) Terphenyl-d14	20.07	244	2536828	83.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	5704	2.656	ng	# 1
3) Pyridine	3.89	79	15132	2.569	ng	# 94
4) n-Nitrosodimethylamine	3.79	42	6442	2.759	ng	# 54
8) 2-Chlorophenol	7.60	128	15539	2.974	ng	96
9) Benzaldehyde	7.17	77	10674	2.466	ng	94
10) Phenol	7.22	94	18579	2.903	ng	87
11) bis(2-Chloroethyl)ether	7.46	93	13308	2.529	ng	91
12) 1,3-Dichlorobenzene	7.93	146	18066	2.649	ng	98
13) 1,4-Dichlorobenzene	7.93	146	18066	2.647	ng	97
14) 1,2-Dichlorobenzene	8.40	146	17406	2.673	ng	88
15) Benzyl Alcohol	8.28	79	9848	2.035	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	22372	2.390	ng	96
17) 2-Methylphenol	8.48	107	11613	2.495	ng	95
18) Hexachloroethane	9.14	117	6258	2.678	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	10344	2.316	ng	# 94
20) 3+4-Methylphenols	8.81	107	14989	2.353	ng	93
22) Acetophenone	8.87	105	23782	3.256	ng	# 93
24) Nitrobenzene	9.25	77	17027	3.407	ng	98
25) Isophorone	9.78	82	27849	2.698	ng	98
26) 2-Nitrophenol	9.98	139	7197	3.102	ng	# 87
27) 2,4-Dimethylphenol	10.02	122	10388	2.537	ng	95
28) bis(2-Chloroethoxy)methane	10.27	93	17407	2.699	ng	91
29) 2,4-Dichlorophenol	10.51	162	14129	2.834	ng	83
30) 1,2,4-Trichlorobenzene	10.73	180	17594	2.783	ng	100
31) Naphthalene	10.92	128	45629	3.054	ng	# 94
32) Benzoic acid	10.02	122	10388	11.634	ng	# 14
34) Hexachlorobutadiene	11.21	225	11875	2.783	ng	# 84
35) Caprolactam	11.77	113	4863	2.807	ng	# 68
36) 4-Chloro-3-methylphenol	12.15	107	13923	2.817	ng	98
37) 2-Methylnaphthalene	12.53	142	33723	2.851	ng	96
38) 1-Methylnaphthalene	12.53	142	33723	3.009	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	22286	3.152	ng	# 96
43) 2,4,6-Trichlorophenol	13.13	196	11073	2.478	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	13252	2.854	ng	# 85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.53	154	46453	3.235	ng	98
47) 2-Chloronaphthalene	13.57	162	34082	2.788	ng	96
48) 2-Nitroaniline	13.77	65	8869	2.861	ng	91
49) Acenaphthylene	14.42	152	55985	3.062	ng	# 92
50) Dimethylphthalate	14.14	163	76526	5.017	ng	97
51) 2,6-Dinitrotoluene	14.26	165	8761	2.747	ng	91
52) Acenaphthene	14.77	154	31919	2.684	ng	98
54) 2,4-Dinitrophenol	14.81	184	686	3.749	ng	# 21
55) Dibenzofuran	15.10	168	56810	3.123	ng	# 87
57) 2,4-Dinitrotoluene	15.05	165	12182	2.777	ng	# 94
58) Fluorene	15.75	166	47272	3.238	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	10607	2.306	ng	# 97
60) Diethylphthalate	15.51	149	46220	3.086	ng	97
61) 4-Chlorophenyl-phenylether	15.74	204	26169	2.937	ng	94
62) 4-Nitroaniline	15.75	138	9710	2.627	ng	93
63) Azobenzene	16.03	77	36375	2.973	ng	95
65) 4,6-Dinitro-2-methylphenol	15.82	198	2929	7.789	ng	89
66) n-Nitrosodiphenylamine	15.95	169	42221	2.830	ng	97
67) 4-Bromophenyl-phenylether	16.64	248	17361	2.573	ng	96
68) Hexachlorobenzene	16.76	284	18536	2.626	ng	97
71) Phenanthrene	17.49	178	87492	3.332	ng	# 89
72) Anthracene	17.59	178	84748	3.236	ng	# 90
73) Carbazole	17.85	167	81223	3.456	ng	# 93
74) Di-n-butylphthalate	18.41	149	97255	3.650	ng	# 93
75) Fluoranthene	19.50	202	123903	3.882	ng	87
78) Pyrene	19.87	202	130182	3.150	ng	# 87
80) Butylbenzylphthalate	20.75	149	47670	3.008	ng	88
81) Benzo(a)anthracene	21.71	228	137701	3.336	ng	# 88
83) Chrysene	21.78	228	129899	3.283	ng	# 88
84) Bis(2-ethylhexyl)phthalate	21.63	149	70315	3.217	ng	93
85) Di-n-octyl phthalate	22.87	149	112851	3.068	ng	95
86) Indeno(1,2,3-cd)pyrene	28.74	276	150099	2.866	ng	# 84
88) Benzo(b)fluoranthene	23.96	252	138607	3.151	ng	# 91
89) Benzo(k)fluoranthene	24.03	252	125385	2.926	ng	# 91
90) Benzo(a)pyrene	24.85	252	126521	2.999	ng	# 94
91) Dibenzo(a,h)anthracene	28.80	278	120617	2.912	ng	95
92) Benzo(g,h,i)perylene	29.88	276	120902	2.921	ng	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

Instrument :

BNA_G

ClientSampled :

TP-9

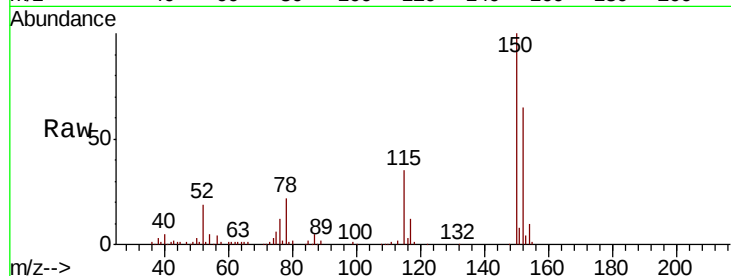
Tgt Ion:152 Resp: 88791

Ion Ratio Lower Upper

152 100

150 154.6 126.9 190.3

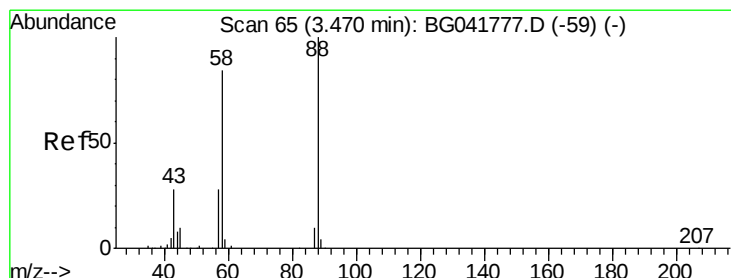
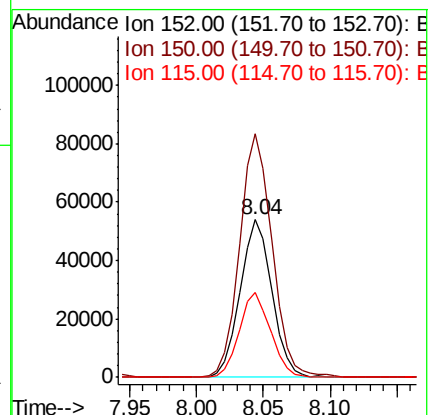
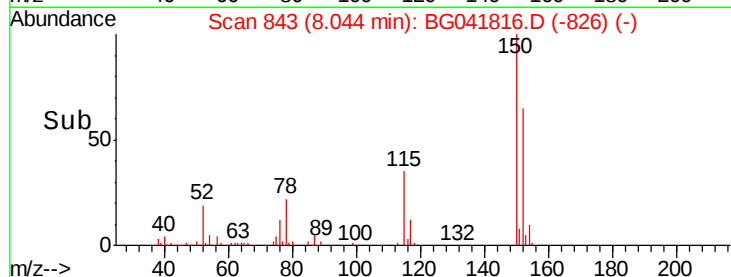
115 54.0 45.0 67.6



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: 2.656 ng

RT: 3.47 min Scan# 65

Delta R.T. 0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

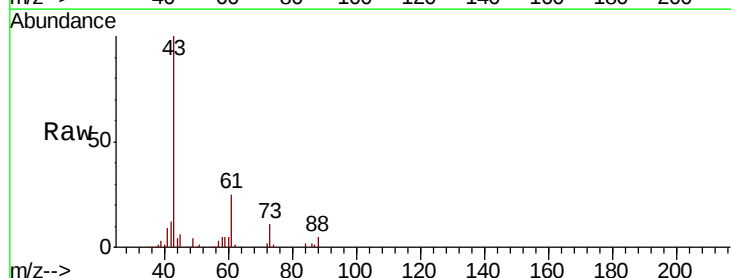
Tgt Ion: 88 Resp: 5704

Ion Ratio Lower Upper

88 100

58 109.5 76.2 114.2

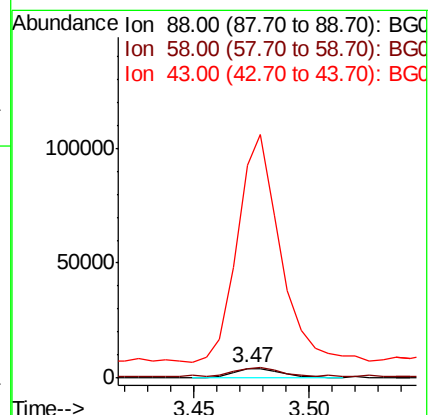
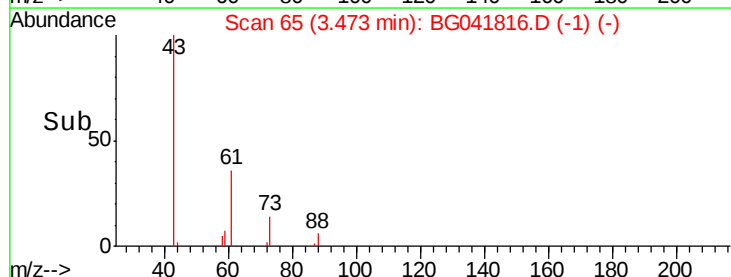
43 2250.9 27.2 40.8#



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

Pyridine

Concen: 2.569 ng

RT: 3.89 min Scan# 136

Delta R.T. 0.02 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

Instrument :

BNA_G

ClientSampleId :

TP-9

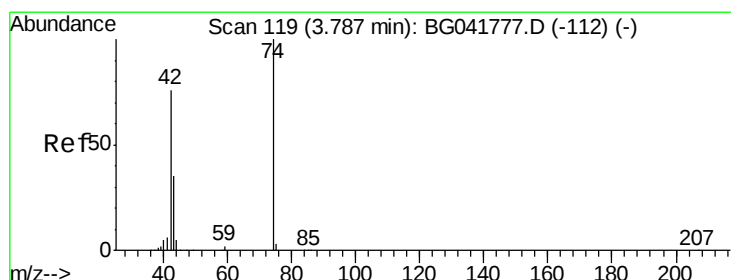
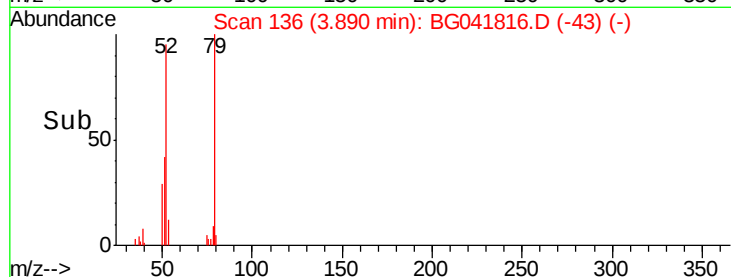
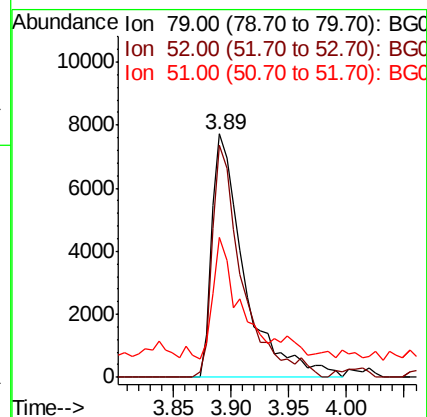
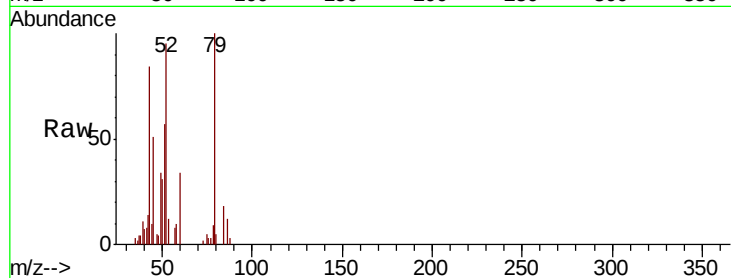
Tgt Ion: 79 Resp: 15132

Ion Ratio Lower Upper

79 100

52 95.4 77.1 115.7

51 57.4 37.8 56.8#



#4

n-Nitrosodimethylamine

Concen: 2.759 ng

RT: 3.79 min Scan# 119

Delta R.T. 0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

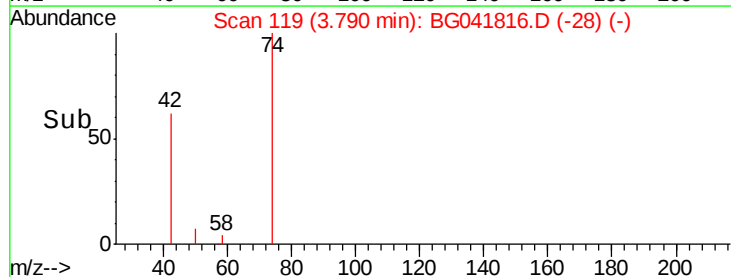
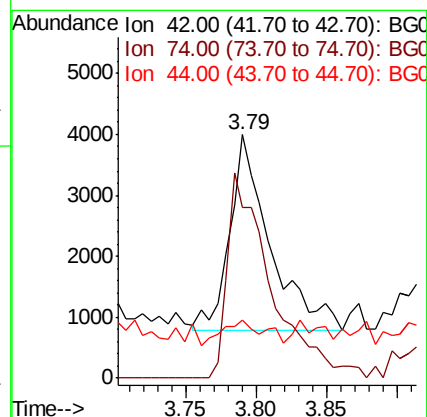
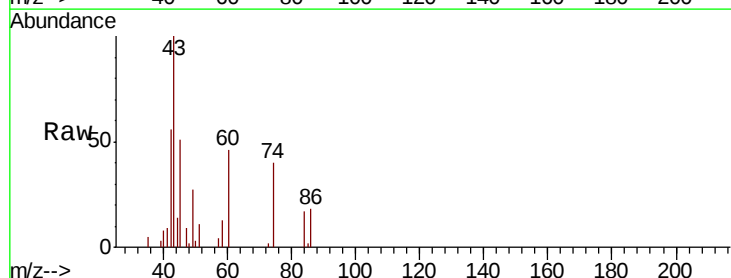
Tgt Ion: 42 Resp: 6442

Ion Ratio Lower Upper

42 100

74 70.3 97.4 146.2#

44 24.1 6.6 9.8#





#5

2-Fluorophenol

Concen: 123.473 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

Instrument :

BNA_G

ClientSampleId :

TP-9

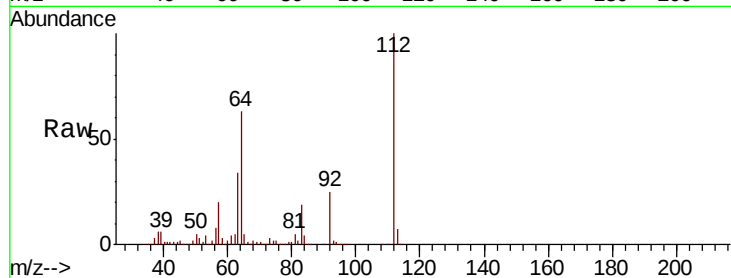
Tgt Ion: 112 Resp: 563487

Ion Ratio Lower Upper

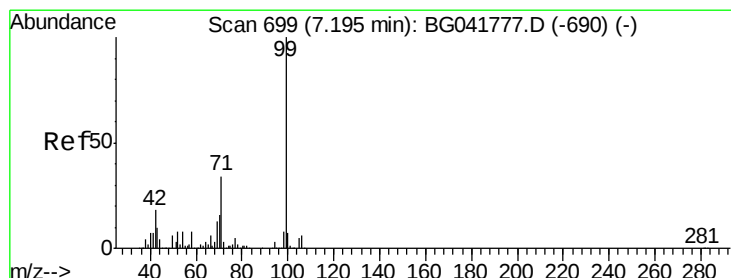
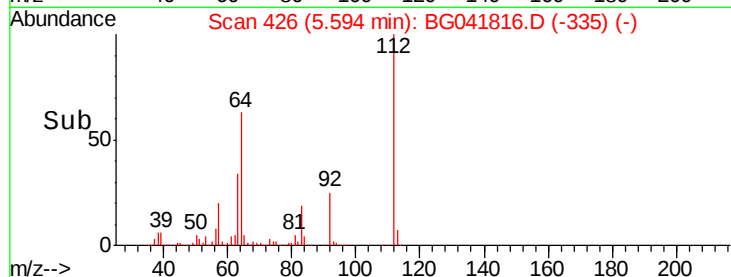
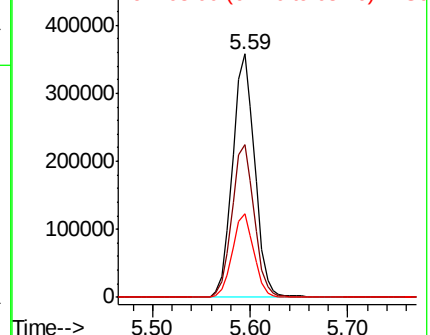
112 100

64 62.9 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: 112.335 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

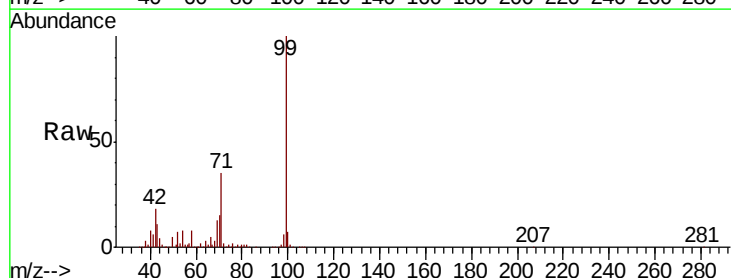
Tgt Ion: 99 Resp: 691140

Ion Ratio Lower Upper

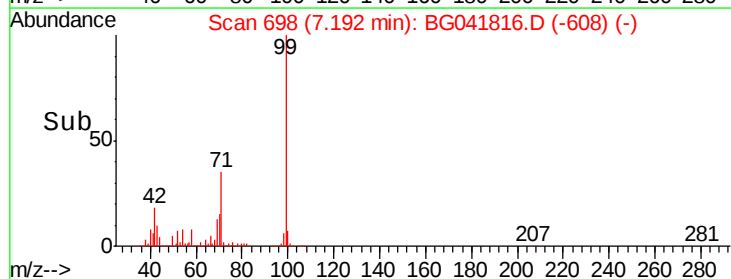
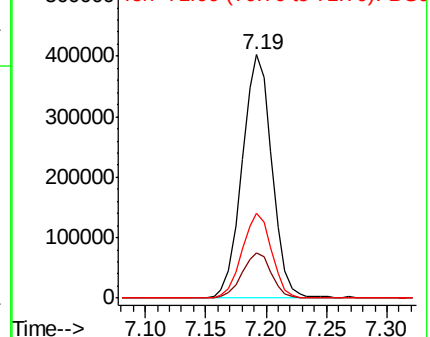
99 100

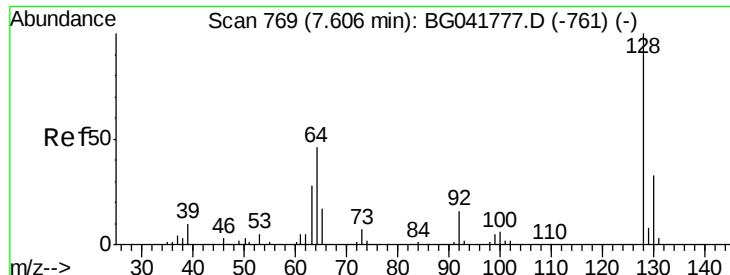
42 18.3 17.6 26.4

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: 2.974 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.00 min

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ClientSampleId :

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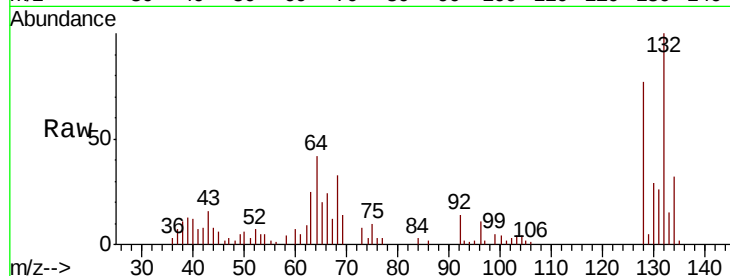
Tgt Ion:128 Resp: 15539

Ion Ratio Lower Upper

128 100

130 37.8 12.4 52.4

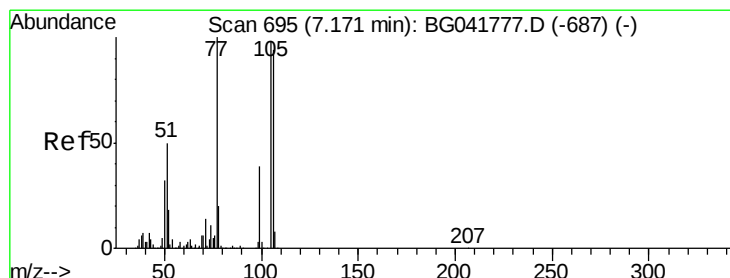
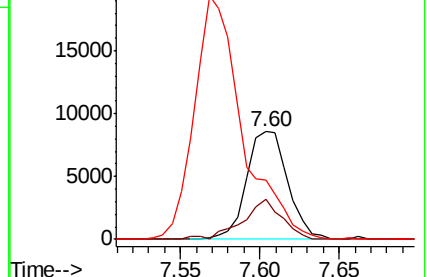
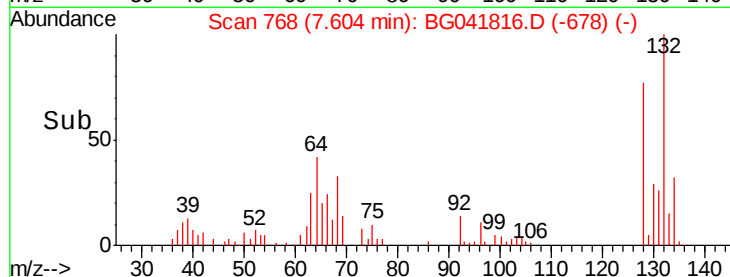
64 54.7 34.9 74.9



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: 2.466 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

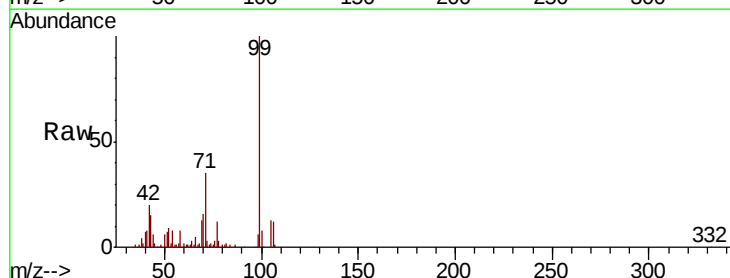
Tgt Ion: 77 Resp: 10674

Ion Ratio Lower Upper

77 100

105 101.8 74.6 114.6

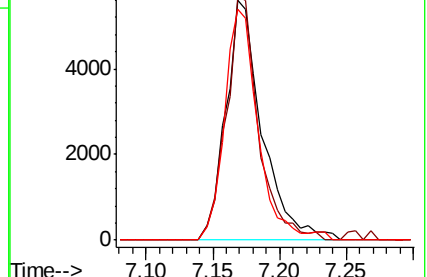
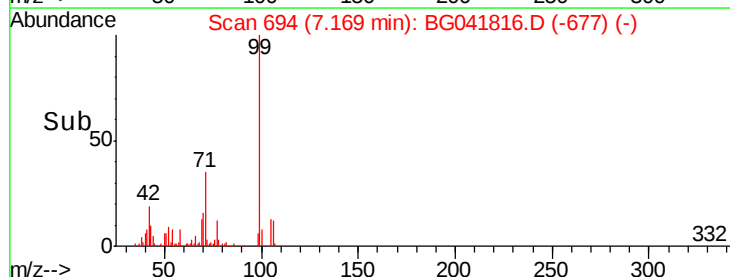
106 96.3 71.1 111.1

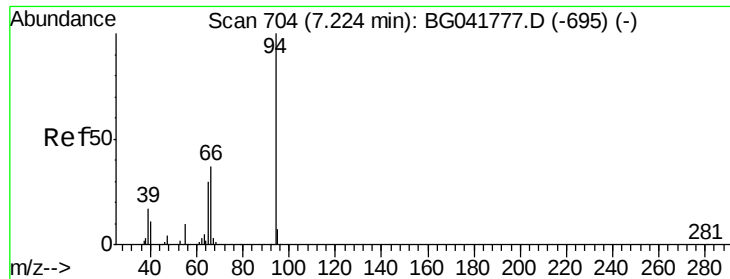


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.903 ng

RT: 7.22 min Scan# 702

Delta R.T. -0.01 min

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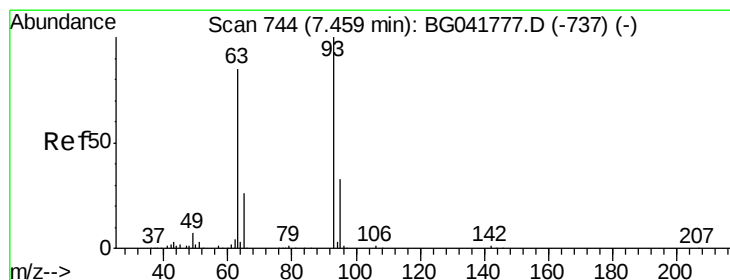
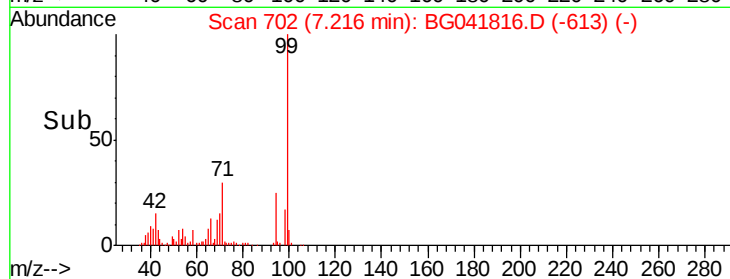
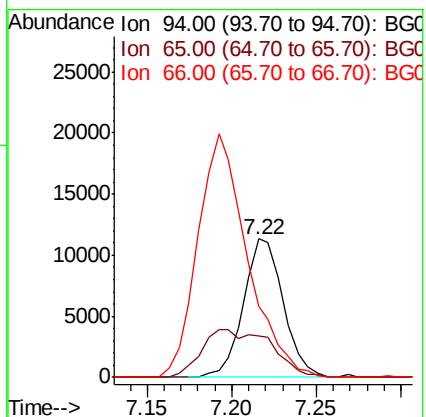
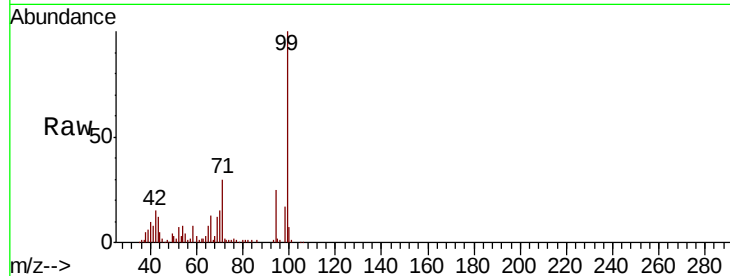
Tgt Ion: 94 Resp: 18579

Ion Ratio Lower Upper

94 100

65 30.2 10.6 50.6

66 51.6 18.2 58.2



#11

bis(2-Chloroethyl)ether

Concen: 2.529 ng

RT: 7.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

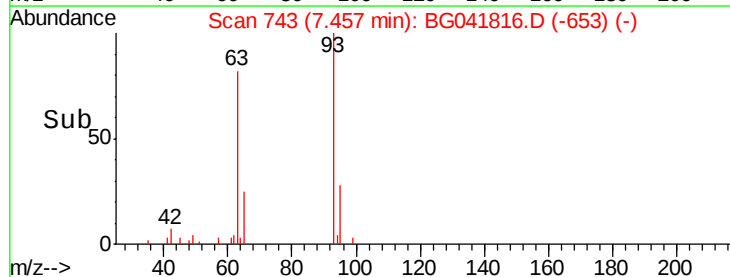
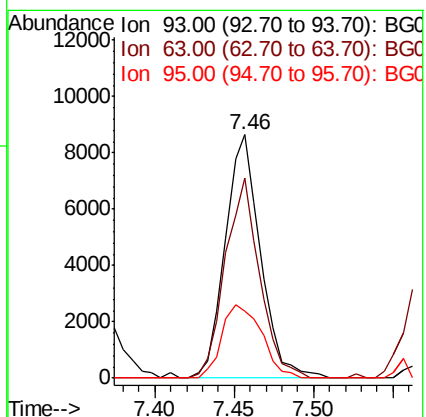
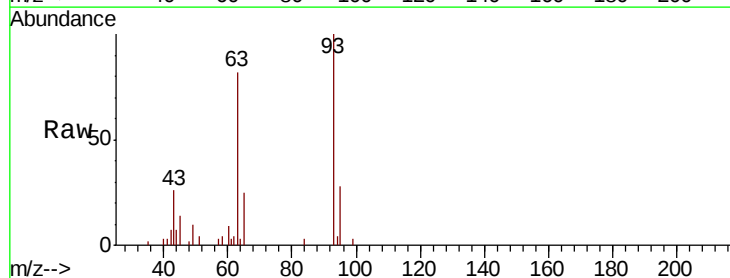
Tgt Ion: 93 Resp: 13308

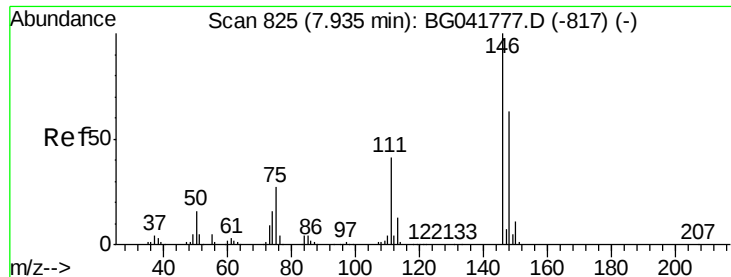
Ion Ratio Lower Upper

93 100

63 82.0 70.4 110.4

95 27.7 12.8 52.8





#12

1,3-Dichlorobenzene

Concen: 2.649 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

Instrument :

BNA_G

ClientSampled :

TP-9

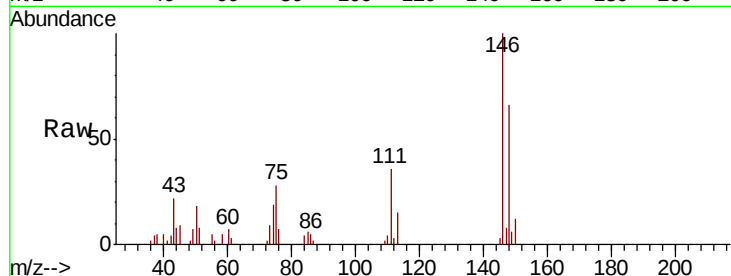
Tgt Ion:146 Resp: 18066

Ion Ratio Lower Upper

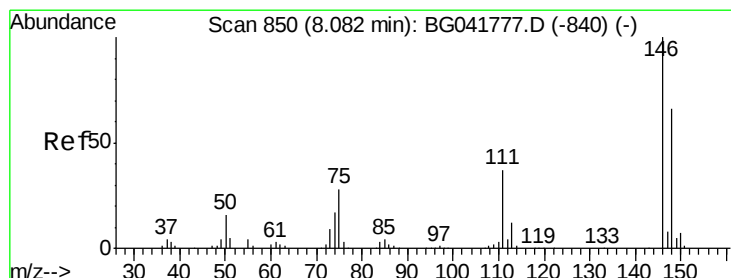
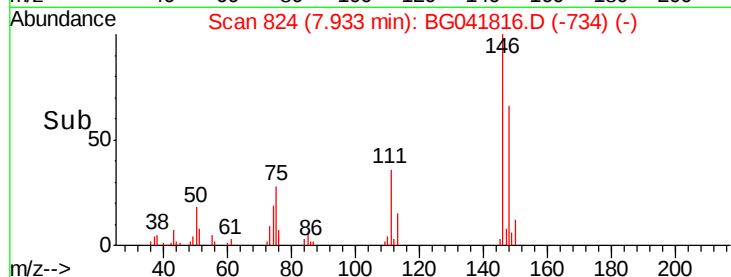
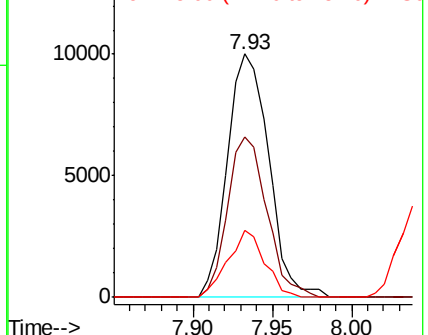
146 100

148 65.7 51.5 77.3

75 27.7 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): B



#13

1,4-Dichlorobenzene

Concen: 2.647 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.15 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

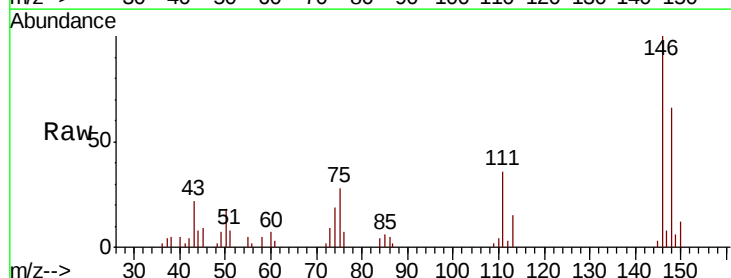
Tgt Ion:146 Resp: 18066

Ion Ratio Lower Upper

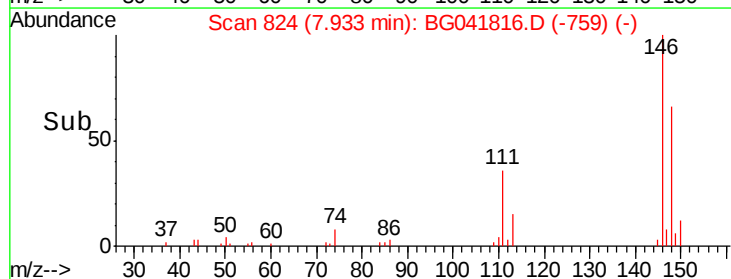
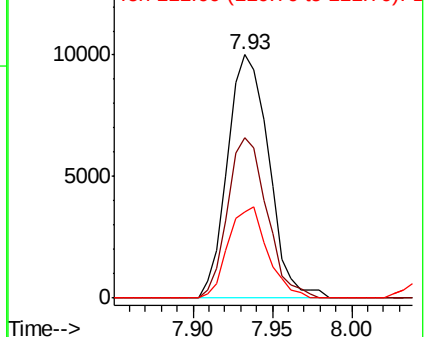
146 100

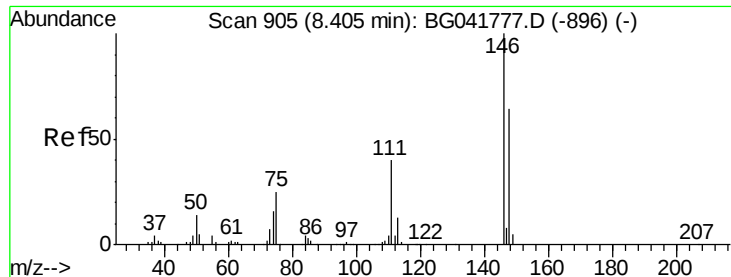
148 65.7 52.6 79.0

111 35.6 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: 2.673 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

Instrument :

BNA_G

ClientSampled :

TP-9

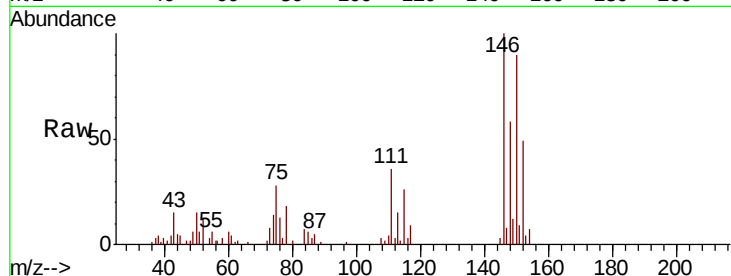
Tgt Ion:146 Resp: 17406

Ion Ratio Lower Upper

146 100

148 58.1 53.5 80.3

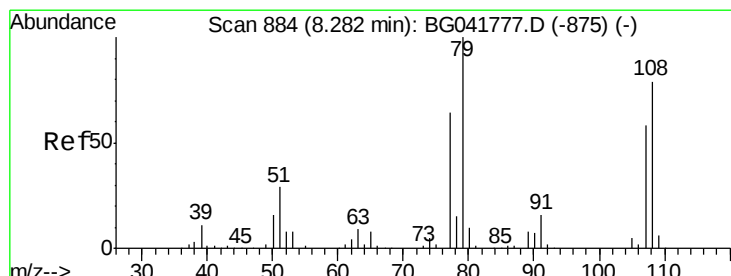
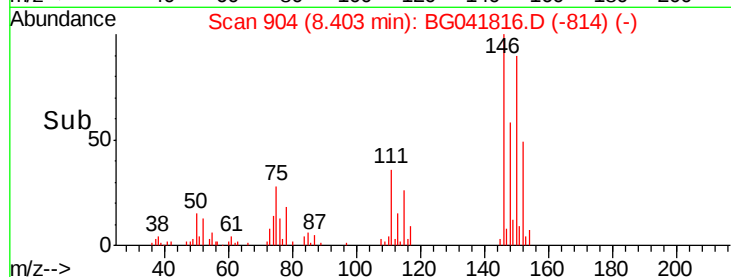
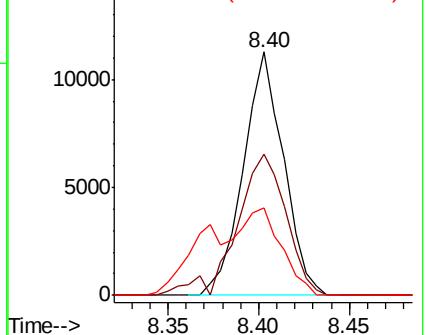
111 35.8 35.4 53.0



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: 2.035 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

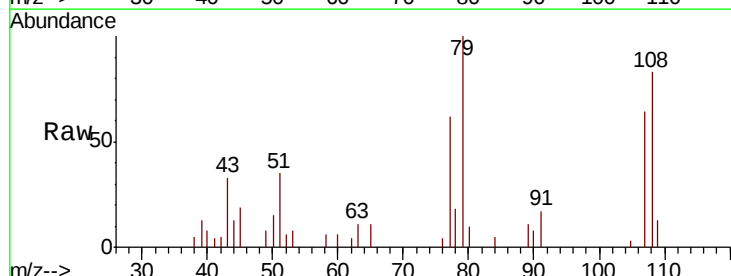
Tgt Ion: 79 Resp: 9848

Ion Ratio Lower Upper

79 100

108 82.7 60.5 90.7

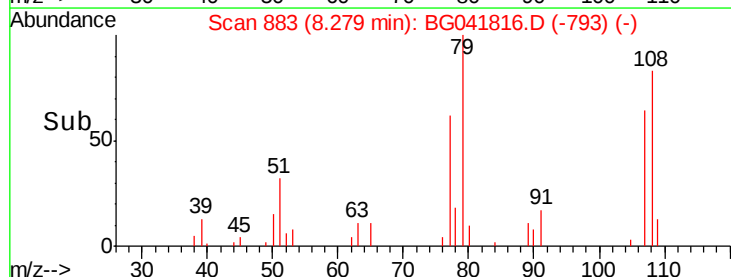
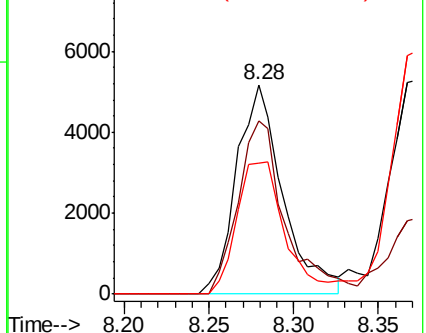
77 62.4 50.6 75.8

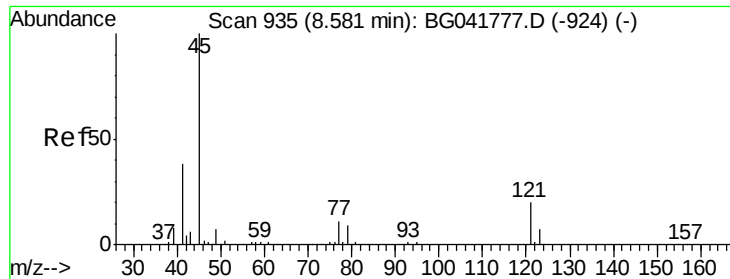


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

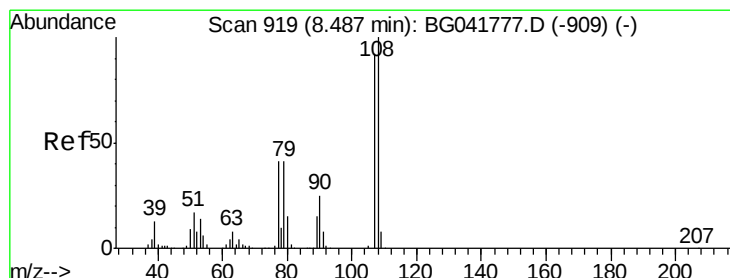
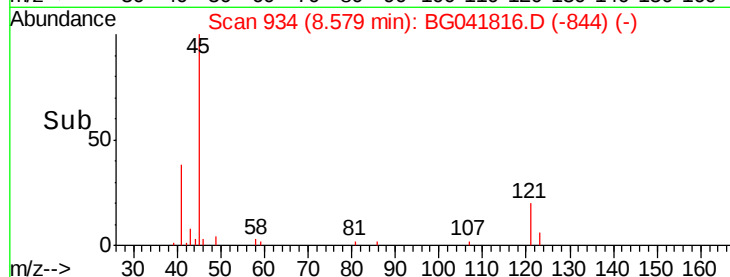
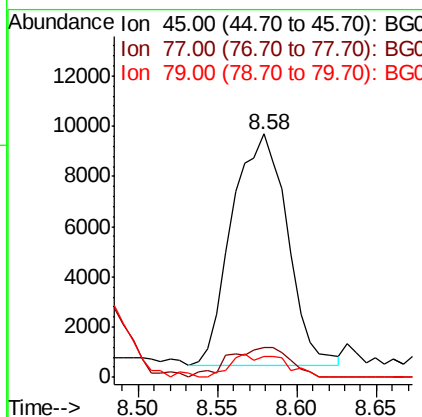
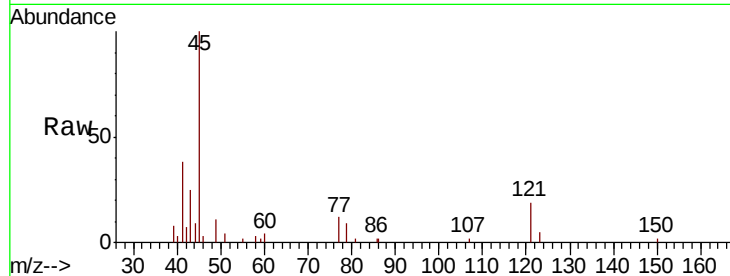




#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.390 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

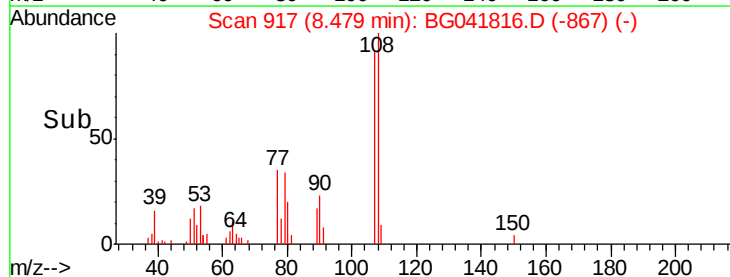
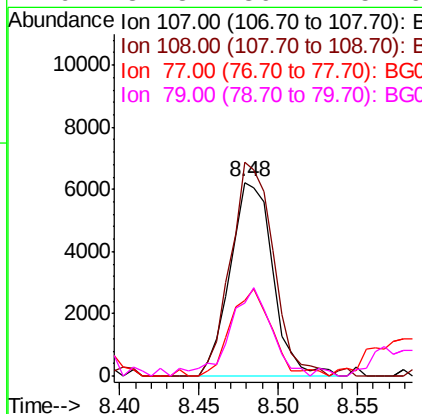
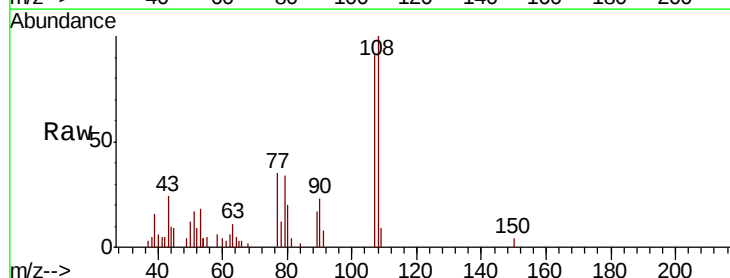
Instrument :
BNA_G
ClientSampleId :
TP-9

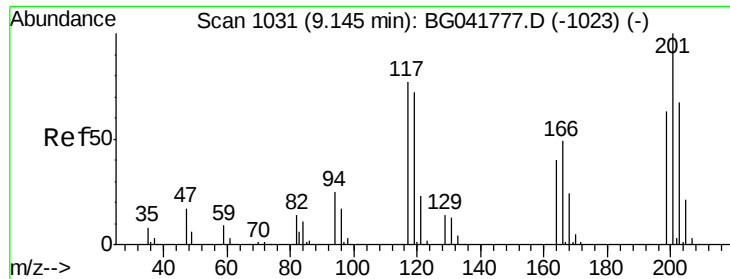
Tgt Ion: 45 Resp: 22372
Ion Ratio Lower Upper
45 100
77 12.2 0.0 30.4
79 8.6 0.0 27.9



#17
2-Methylphenol
Concen: 2.495 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

Tgt Ion: 107 Resp: 11613
Ion Ratio Lower Upper
107 100
108 110.1 87.6 131.4
77 39.1 36.1 54.1
79 37.8 36.4 54.6

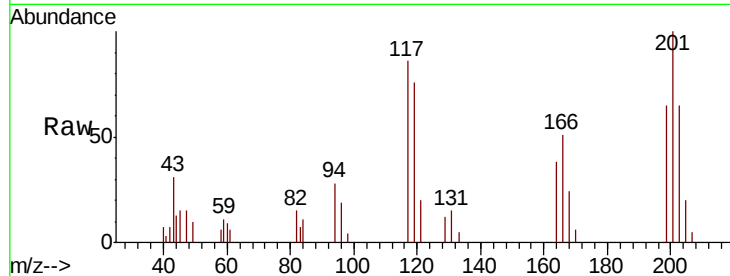




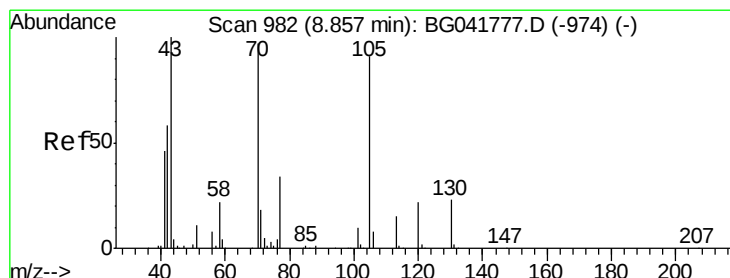
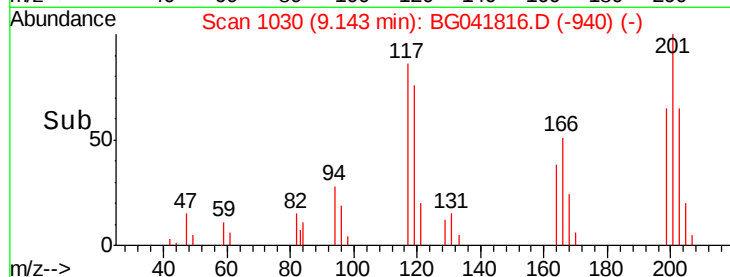
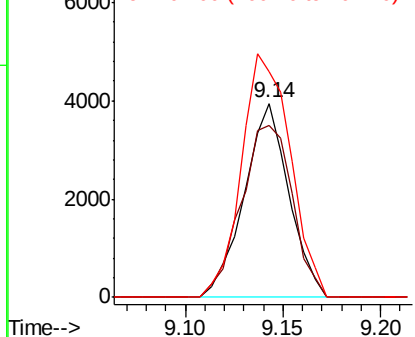
#18
Hexachloroethane
Concen: 2.678 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

Instrument :
BNA_G
ClientSampleId :
TP-9

Tgt Ion: 117 Resp: 6258
Ion Ratio Lower Upper
117 100
119 88.2 76.2 114.2
201 116.3 94.1 141.1

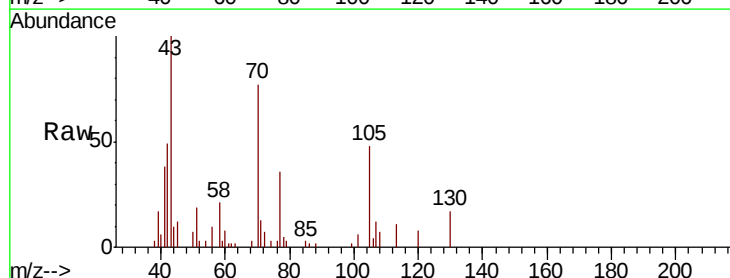


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

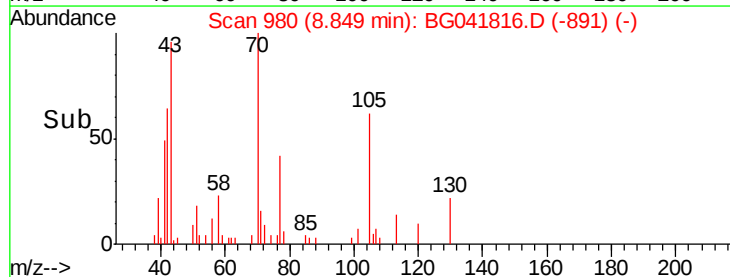
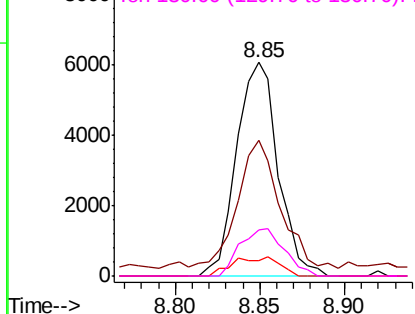


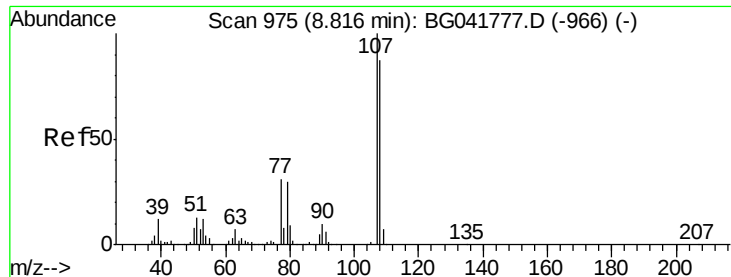
#19
n-Nitroso-di-n-propylamine
Concen: 2.316 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

Tgt Ion: 70 Resp: 10344
Ion Ratio Lower Upper
70 100
42 63.7 55.8 83.6
101 7.2 8.1 12.1#
130 21.7 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

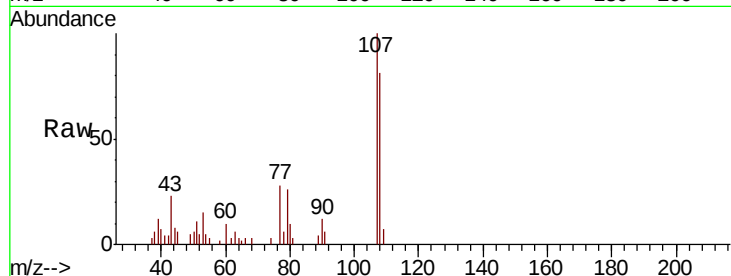




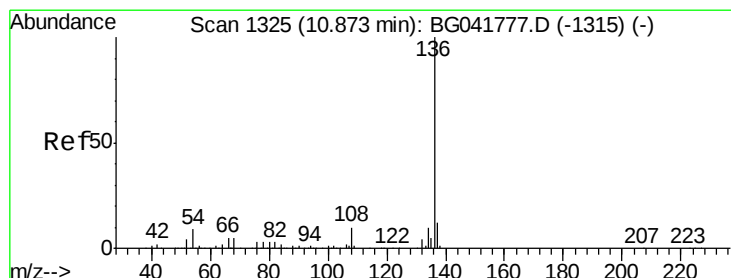
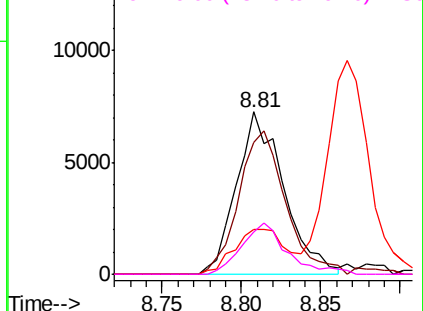
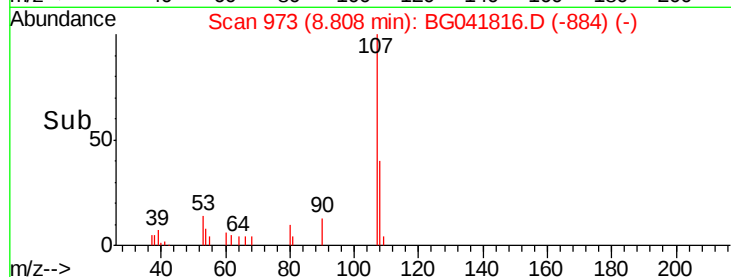
#20
3+4-Methylphenols
Concen: 2.353 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

Instrument :
BNA_G
ClientSampled :
TP-9

Tgt Ion:	107	Resp:	14989
Ion	Ratio	Lower	Upper
107	100		
108	81.2	67.5	107.5
77	27.6	12.3	52.3
79	26.0	8.3	48.3

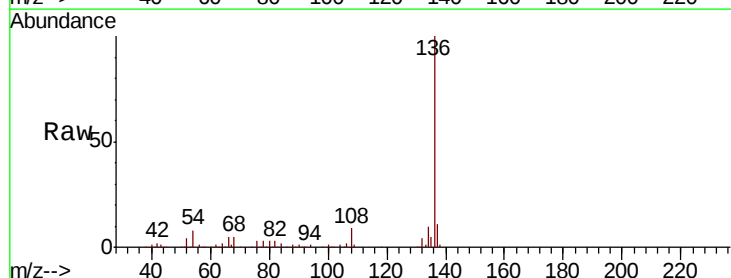


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

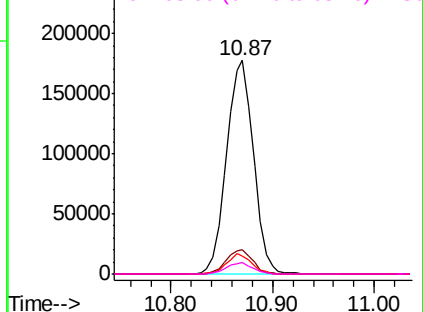
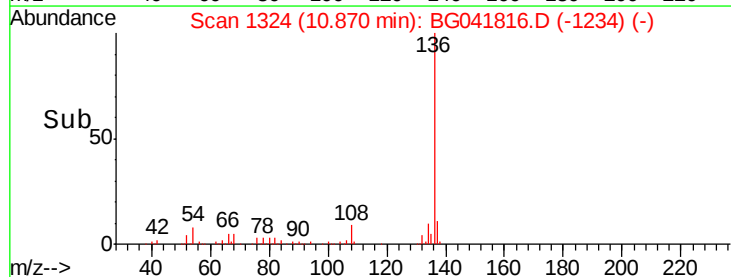


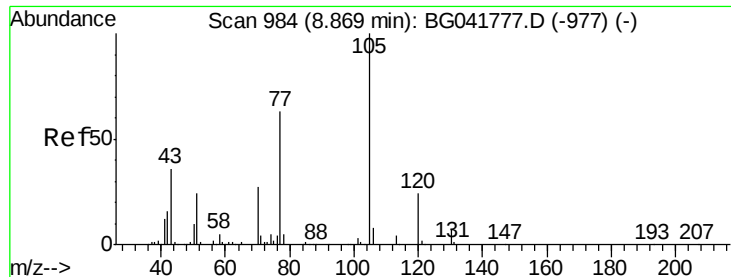
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

Tgt Ion:	136	Resp:	326497
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.2	8.7	13.1#
68	5.3	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): BGC
Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 3.256 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

Instrument :

BNA_G

ClientSampleId :

TP-9

Tgt Ion:105 Resp: 23782

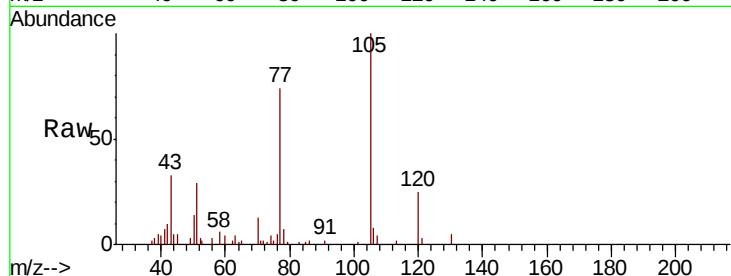
Ion Ratio Lower Upper

105 100

71 2.4 5.9 8.9#

51 28.6 27.7 41.5

120 24.6 19.3 28.9



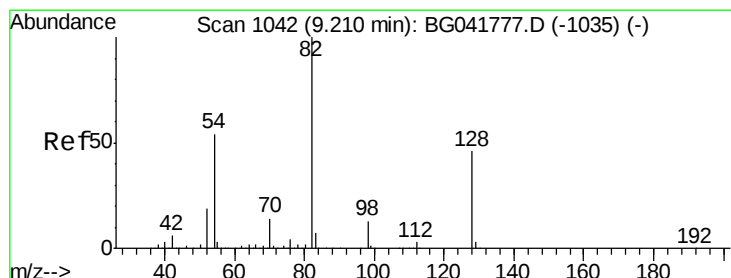
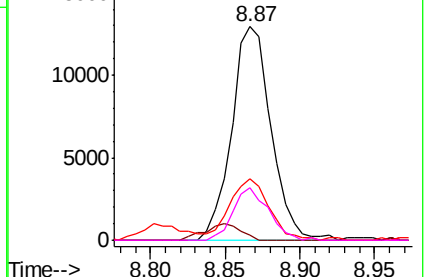
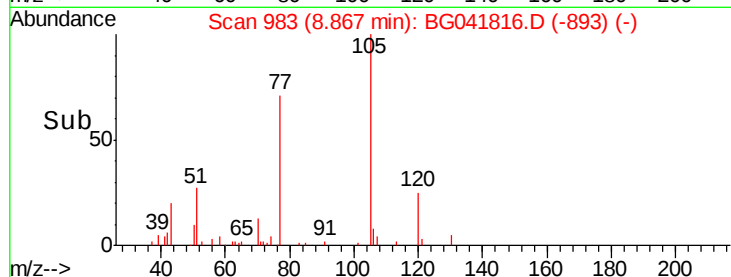
Abundance Ion 105.00 (104.70 to 105.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 107.596 ng

RT: 9.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

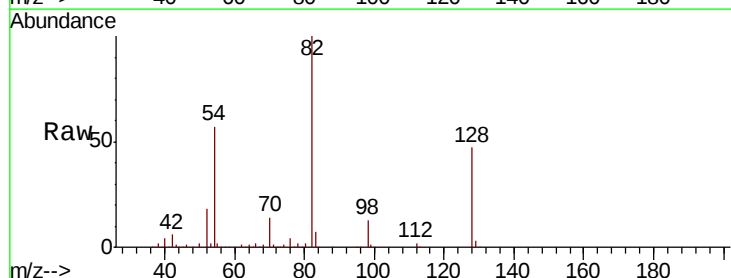
Tgt Ion: 82 Resp: 510485

Ion Ratio Lower Upper

82 100

128 47.0 35.1 52.7

54 56.9 48.7 73.1

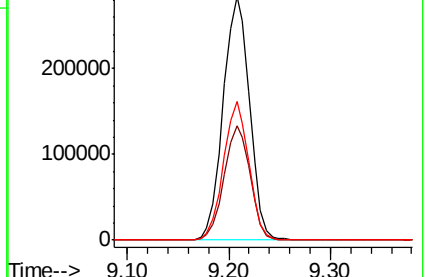
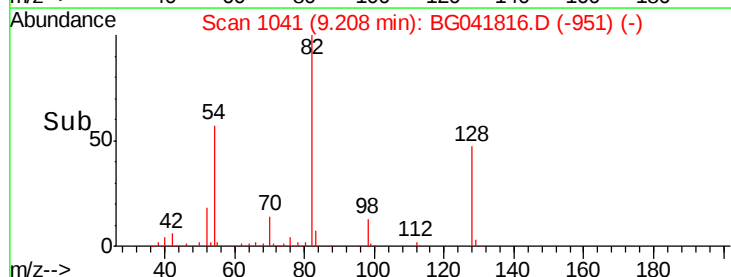


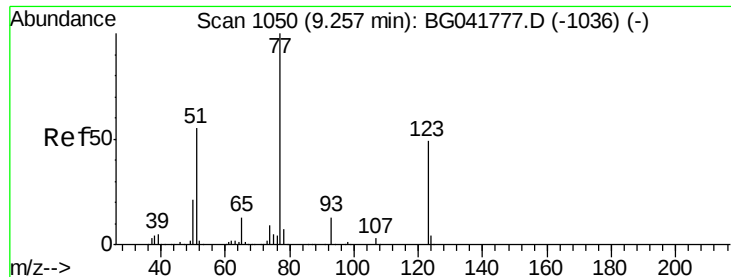
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

Time-->

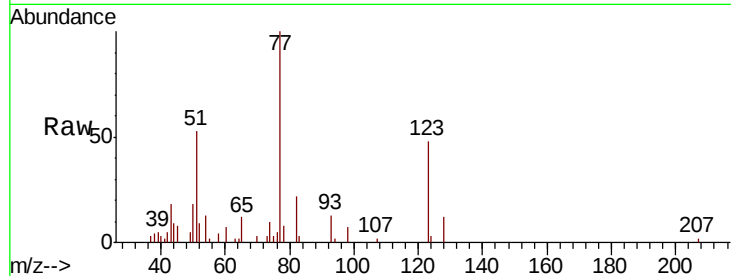




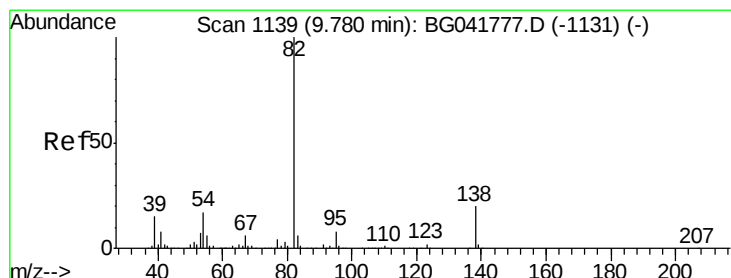
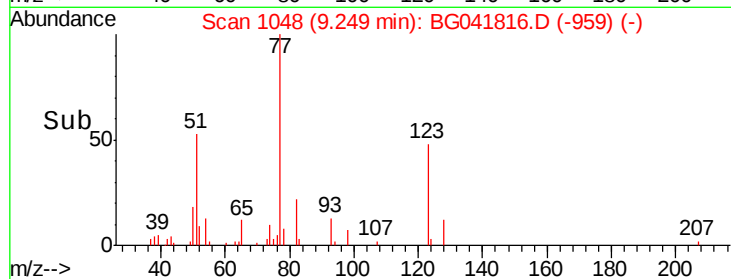
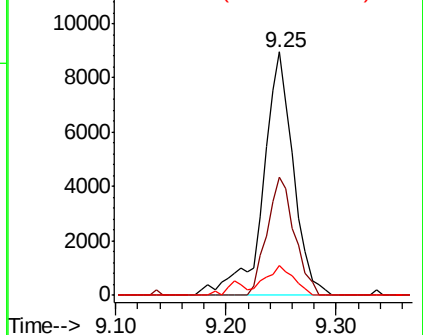
#24
Nitrobenzene
Concen: 3.407 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

Instrument :
BNA_G
ClientSampleId :
TP-9

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	38.1	57.1
65	12.1	11.0	16.6

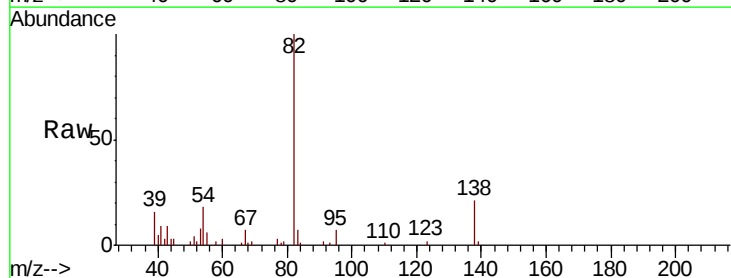


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

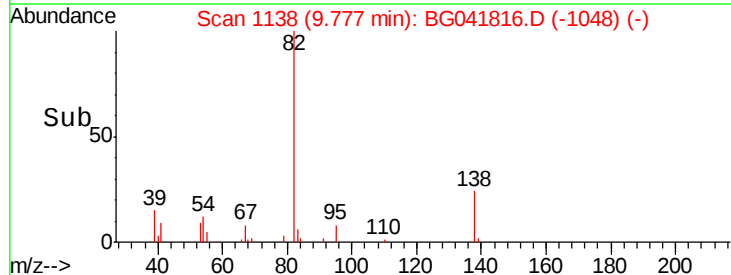
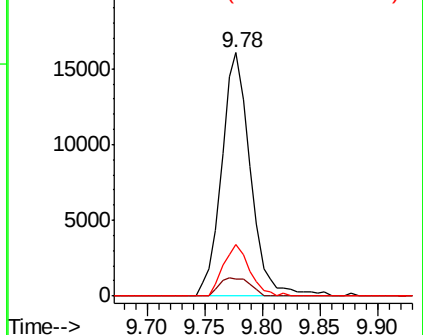


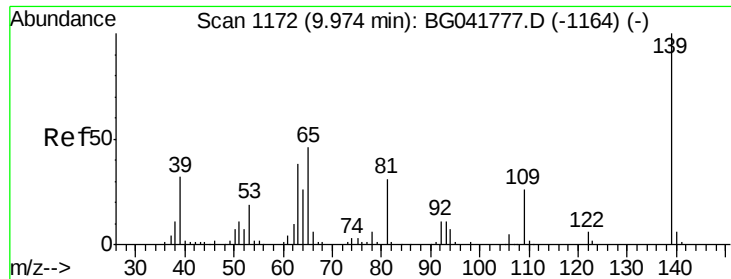
#25
Isophorone
Concen: 2.698 ng
RT: 9.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.9	8.9
138	21.3	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

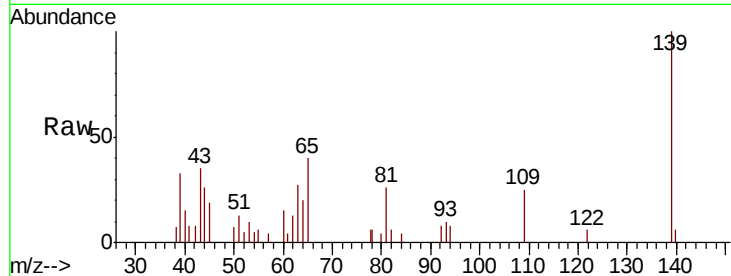




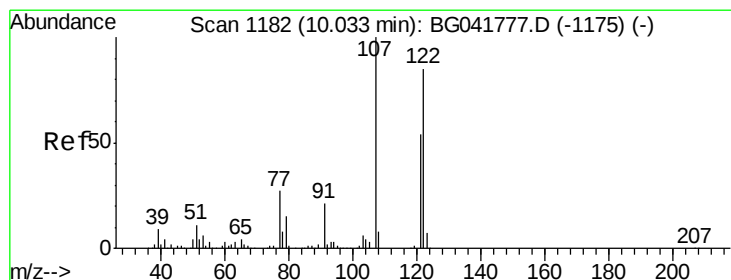
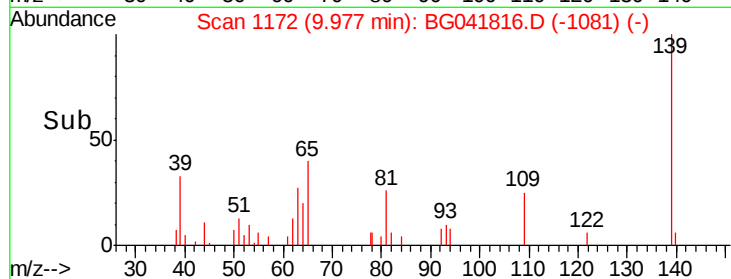
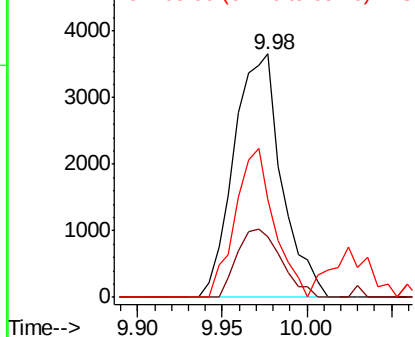
#26
2-Nitrophenol
Concen: 3.102 ng
RT: 9.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

Instrument :
BNA_G
ClientSampleId :
TP-9

Tgt Ion:139 Resp: 7197
Ion Ratio Lower Upper
139 100
109 24.7 22.7 34.1
65 40.3 41.1 61.7#

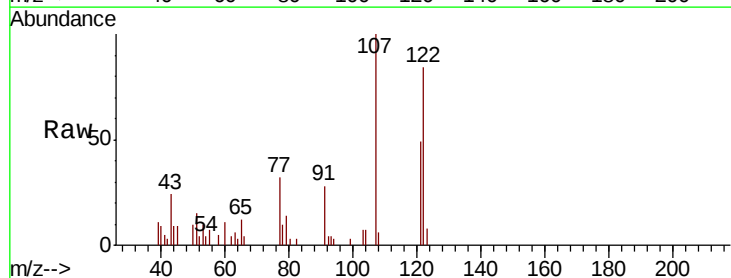


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

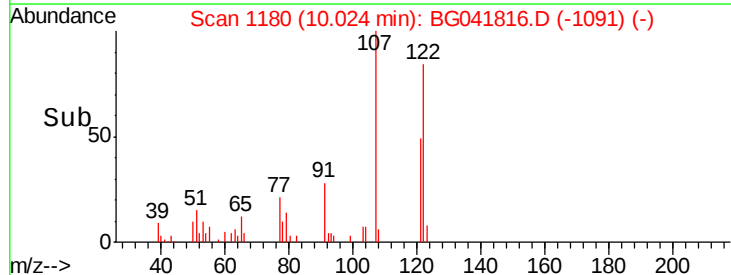
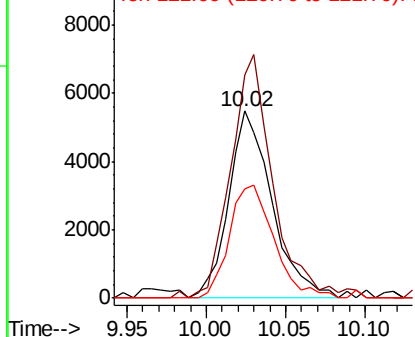


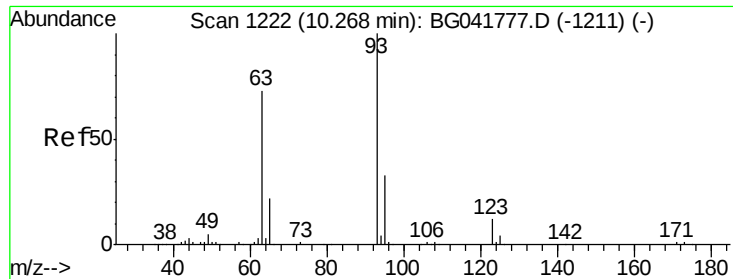
#27
2,4-Dimethylphenol
Concen: 2.537 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

Tgt Ion:122 Resp: 10388
Ion Ratio Lower Upper
122 100
107 119.3 91.3 136.9
121 58.3 49.2 73.8



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

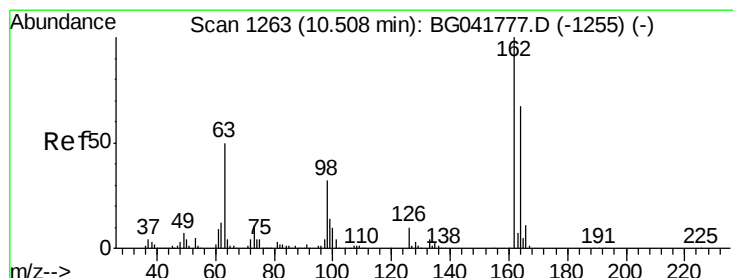
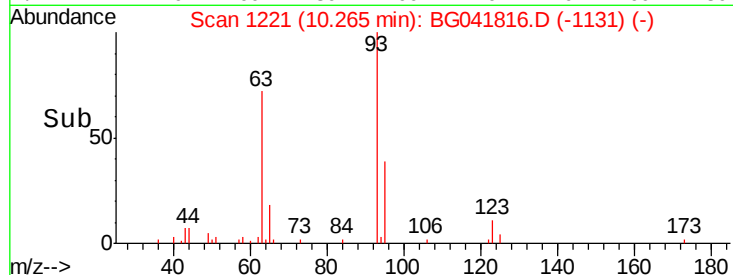
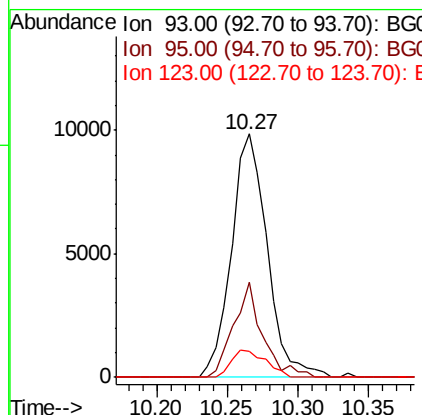
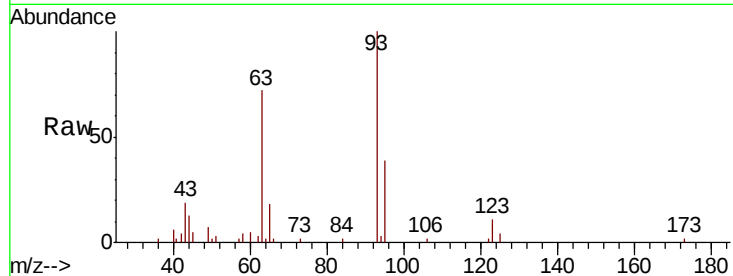




#28
 bis(2-Chloroethoxy)methane
 Concen: 2.699 ng
 RT: 10.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BG041816.D
 Acq: 31 Jul 2019 00:25

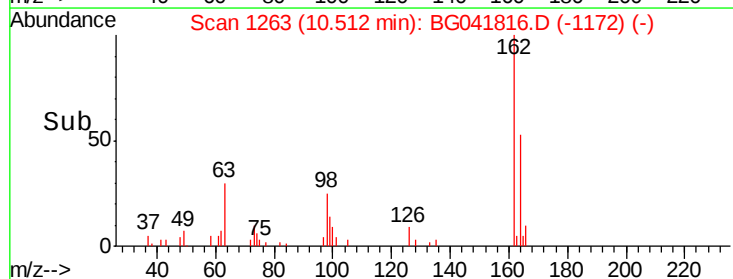
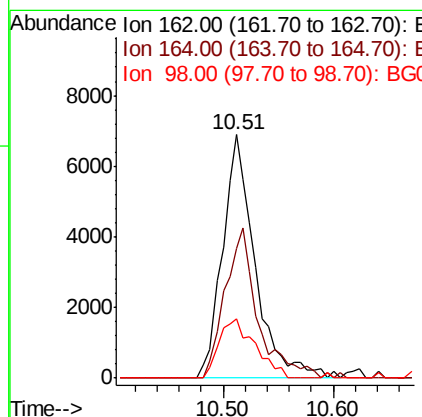
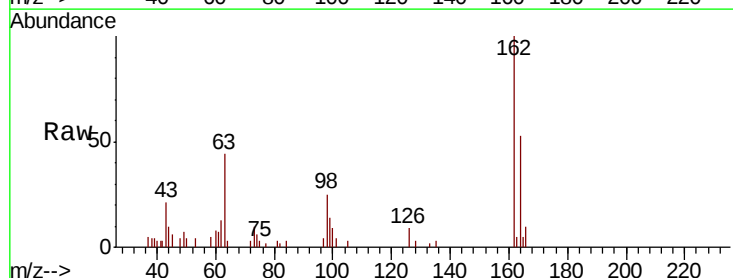
Instrument :
 BNA_G
 ClientSampled :
 TP-9

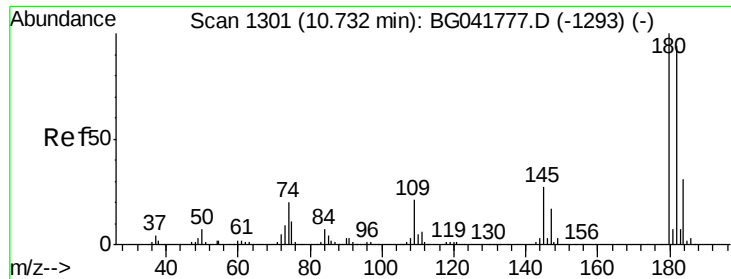
Tgt Ion: 93 Resp: 17407
 Ion Ratio Lower Upper
 93 100
 95 39.1 26.2 39.4
 123 10.9 9.9 14.9



#29
 2,4-Dichlorophenol
 Concen: 2.834 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG041816.D
 Acq: 31 Jul 2019 00:25

Tgt Ion: 162 Resp: 14129
 Ion Ratio Lower Upper
 162 100
 164 53.2 46.1 86.1
 98 24.5 14.7 54.7

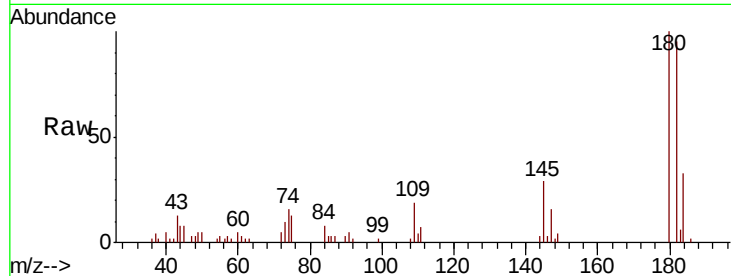




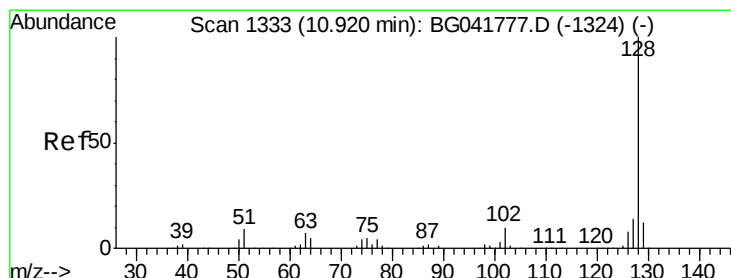
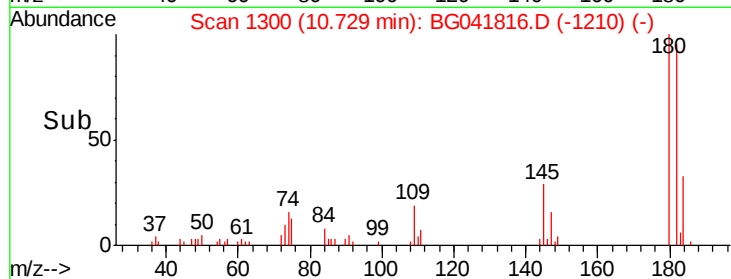
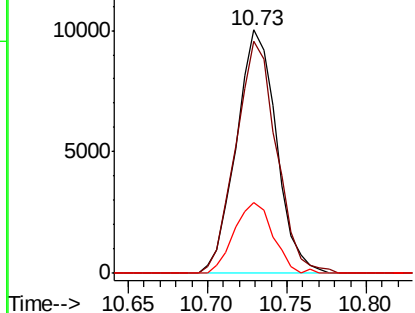
#30
 1,2,4-Trichlorobenzene
 Concen: 2.783 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG041816.D
 Acq: 31 Jul 2019 00:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Tgt Ion:180 Resp: 17594
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.2 114.2
 145 29.0 23.8 35.8

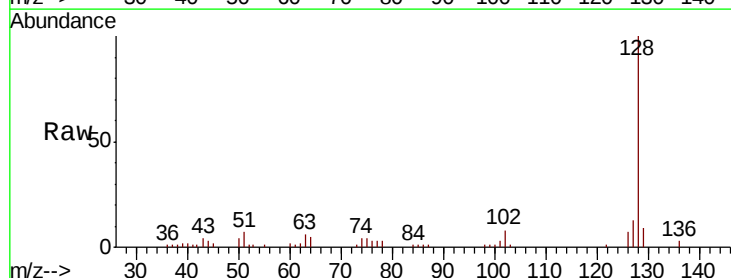


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

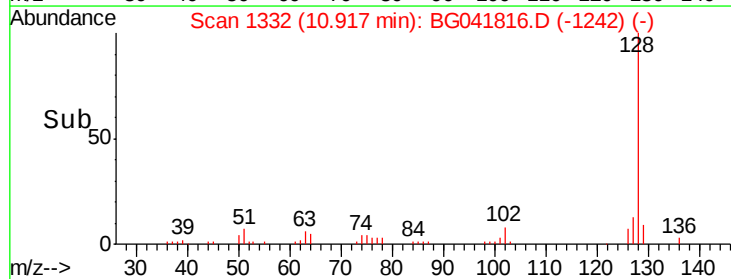
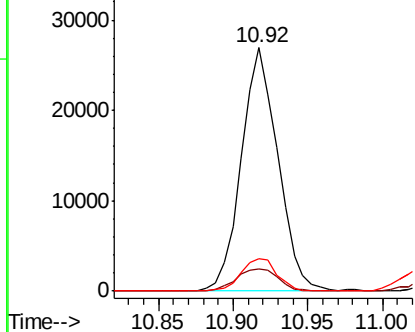


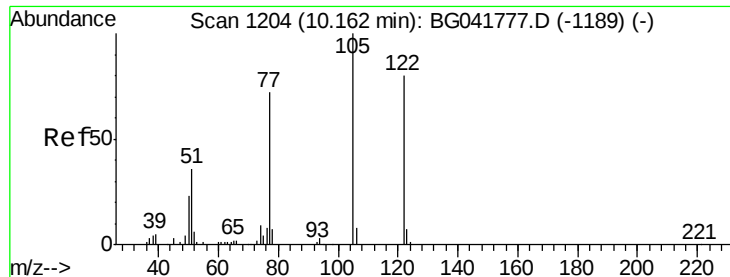
#31
 Naphthalene
 Concen: 3.054 ng
 RT: 10.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BG041816.D
 Acq: 31 Jul 2019 00:25

Tgt Ion:128 Resp: 45629
 Ion Ratio Lower Upper
 128 100
 129 9.2 10.0 15.0#
 127 13.5 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: 11.634 ng

RT: 10.02 min Scan# 1180

Delta R.T. -0.14 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

Instrument :

BNA_G

ClientSampleId :

TP-9

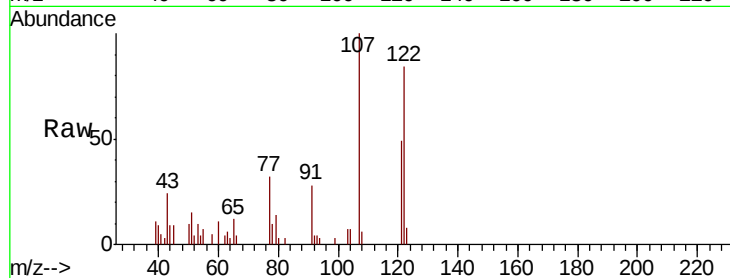
Tgt Ion:122 Resp: 10388

Ion Ratio Lower Upper

122 100

105 0.0 101.5 141.5#

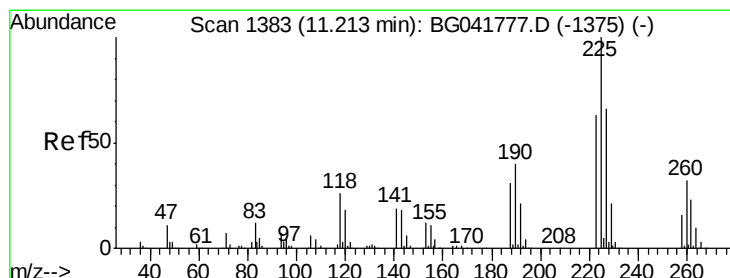
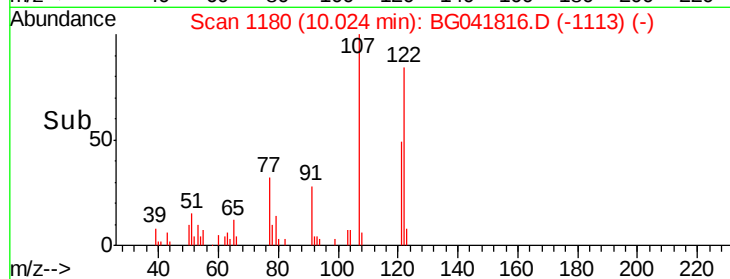
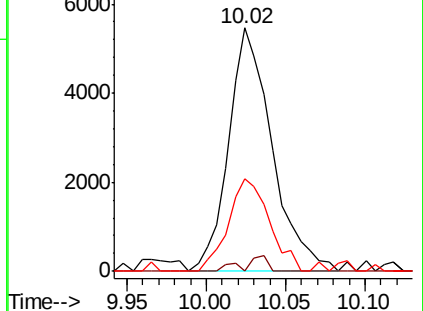
77 37.9 73.0 113.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#34

Hexachlorobutadiene

Concen: 2.783 ng

RT: 11.21 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

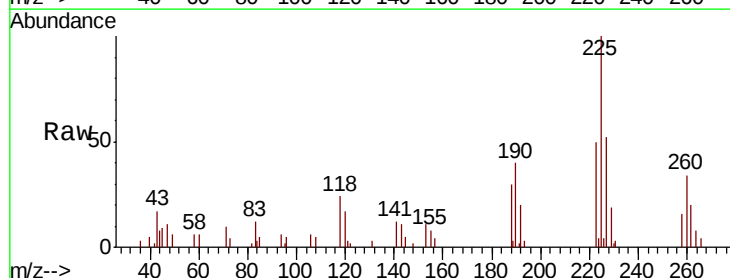
Tgt Ion:225 Resp: 11875

Ion Ratio Lower Upper

225 100

223 52.1 51.1 76.7

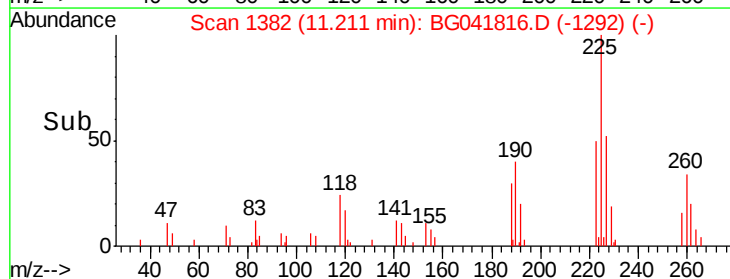
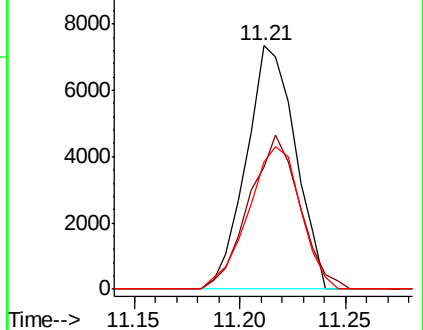
227 50.2 50.9 76.3#

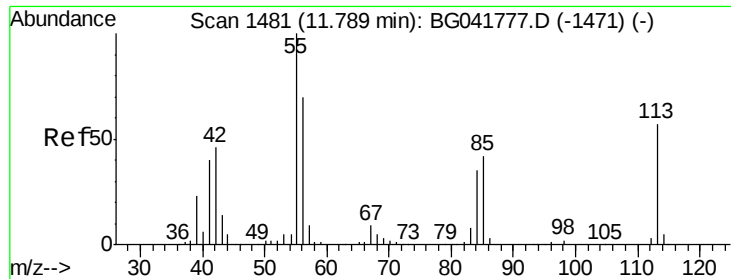


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

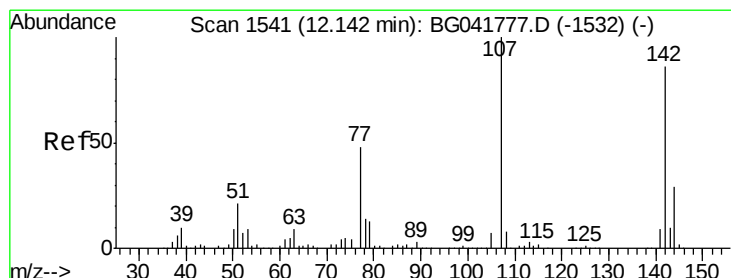
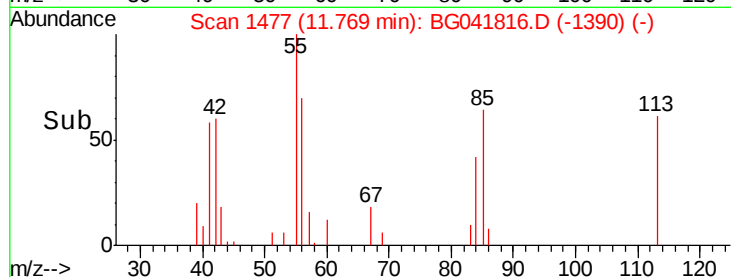
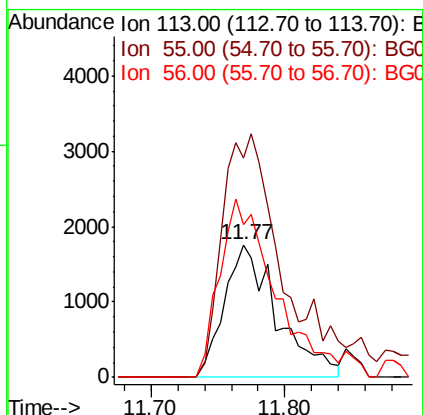
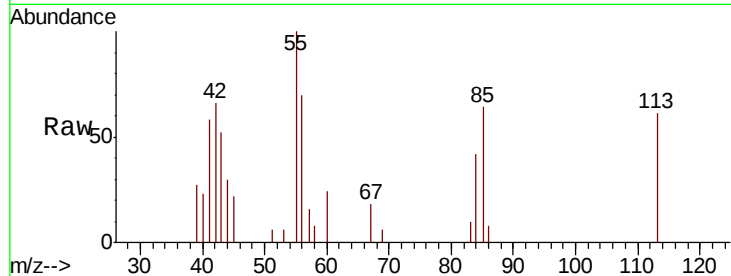




#35
 Caprolactam
 Concen: 2.807 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.02 min
 Lab File: BG041816.D
 Acq: 31 Jul 2019 00:25

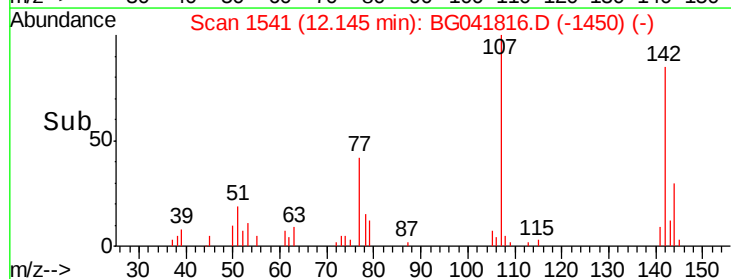
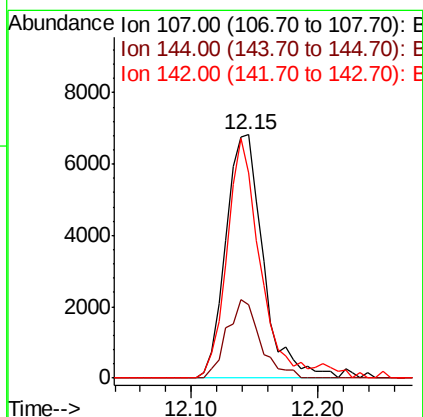
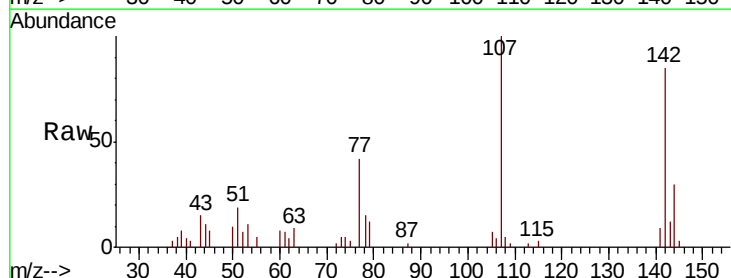
Instrument :
 BNA_G
 ClientSampleId :
 TP-9

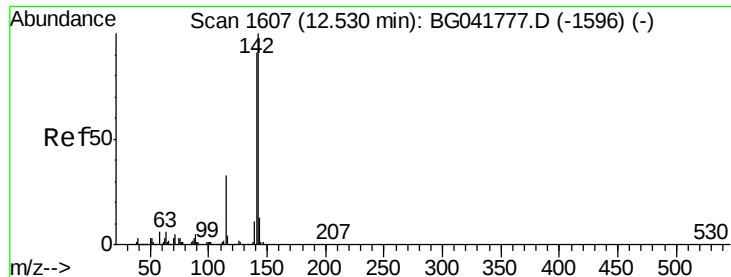
Tgt Ion:113 Resp: 4863
 Ion Ratio Lower Upper
 113 100
 55 164.7 199.4 239.4#
 56 115.1 133.6 173.6#



#36
 4-Chloro-3-methylphenol
 Concen: 2.817 ng
 RT: 12.15 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BG041816.D
 Acq: 31 Jul 2019 00:25

Tgt Ion:107 Resp: 13923
 Ion Ratio Lower Upper
 107 100
 144 30.2 22.2 33.2
 142 84.5 67.3 100.9

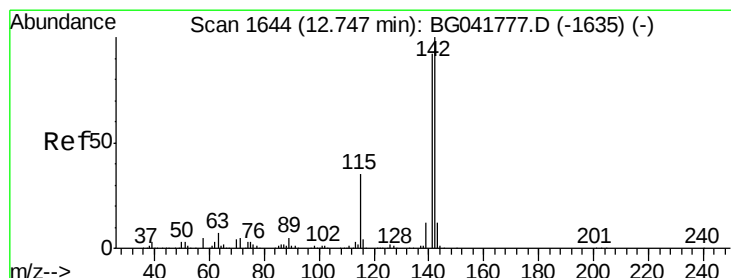
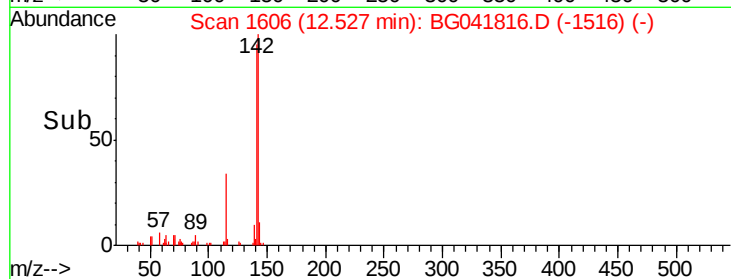
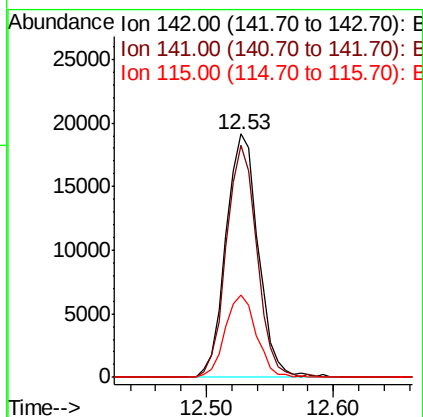
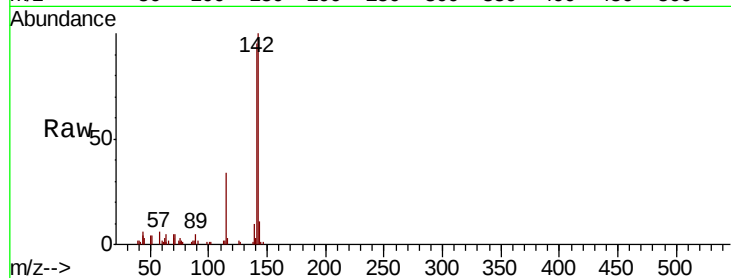




#37
 2-Methylnaphthalene
 Concen: 2.851 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG041816.D
 Acq: 31 Jul 2019 00:25

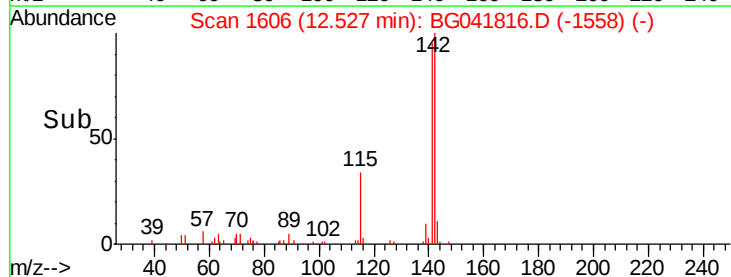
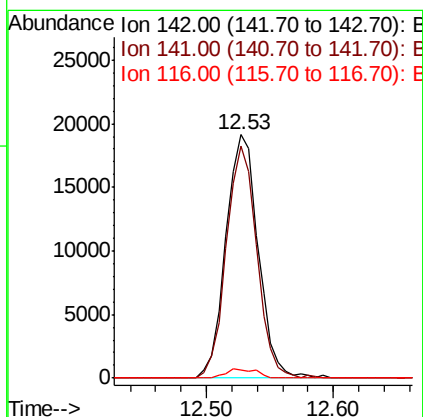
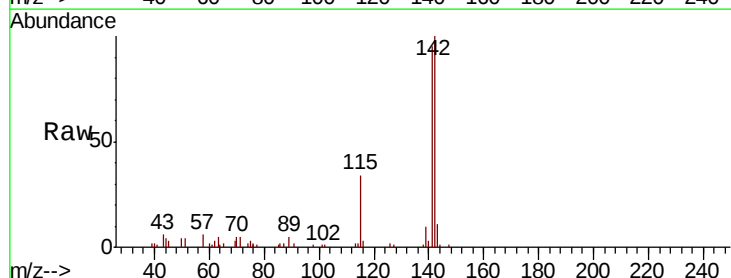
Instrument :
 BNA_G
 ClientSampleId :
 TP-9

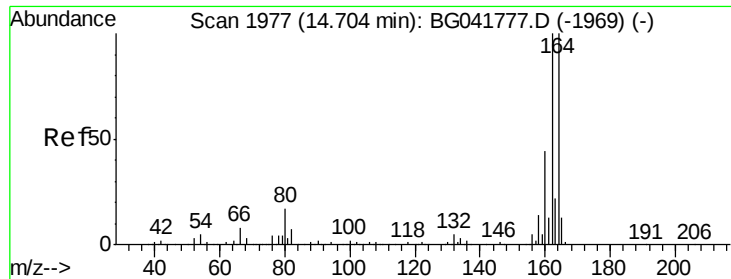
Tgt Ion:142 Resp: 33723
 Ion Ratio Lower Upper
 142 100
 141 95.4 72.7 109.1
 115 33.6 27.0 40.4



#38
 1-Methylnaphthalene
 Concen: 3.009 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. -0.22 min
 Lab File: BG041816.D
 Acq: 31 Jul 2019 00:25

Tgt Ion:142 Resp: 33723
 Ion Ratio Lower Upper
 142 100
 141 95.4 75.4 113.2
 116 3.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

Instrument :

BNA_G

ClientSampleId :

TP-9

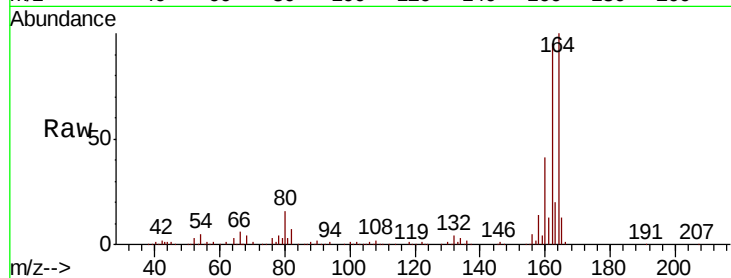
Tgt Ion:164 Resp: 223346

Ion Ratio Lower Upper

164 100

162 95.2 79.6 119.4

160 40.9 35.4 53.0

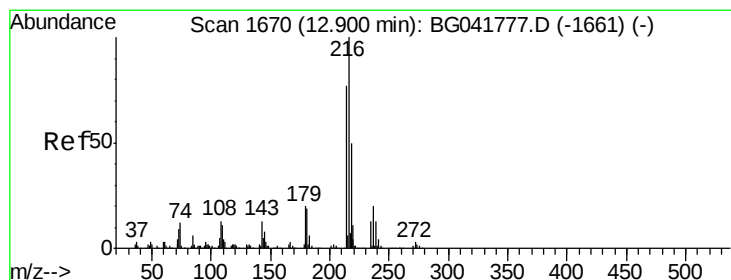
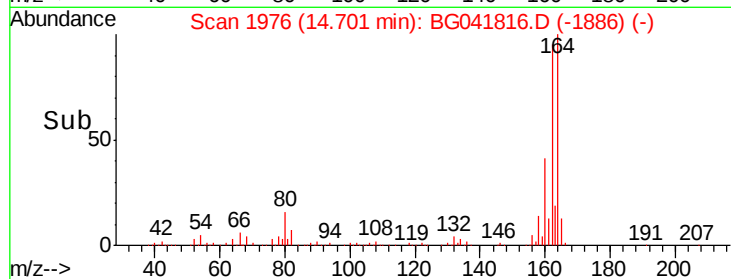
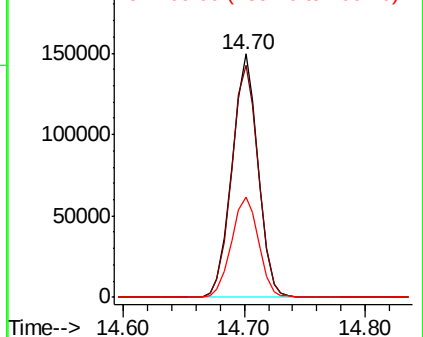


Abundance

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: 3.152 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

Tgt Ion:216 Resp: 22286

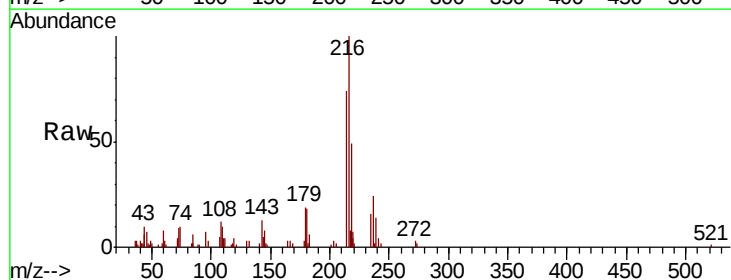
Ion Ratio Lower Upper

216 100

214 75.1 61.5 92.3

179 18.2 16.2 24.2

108 11.7 13.2 19.8#



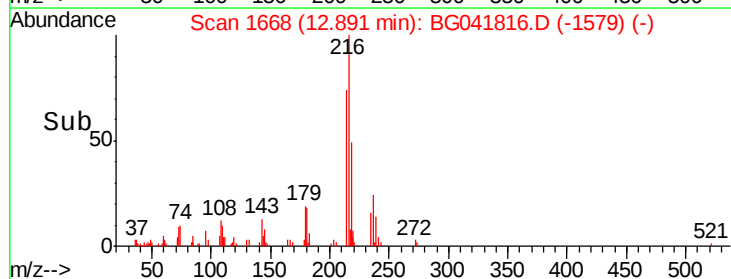
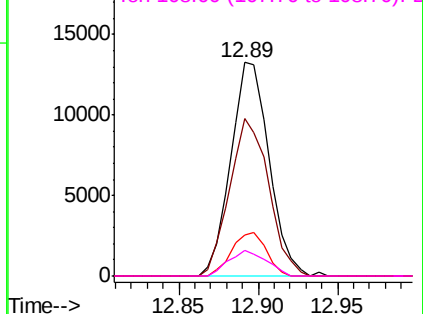
Abundance

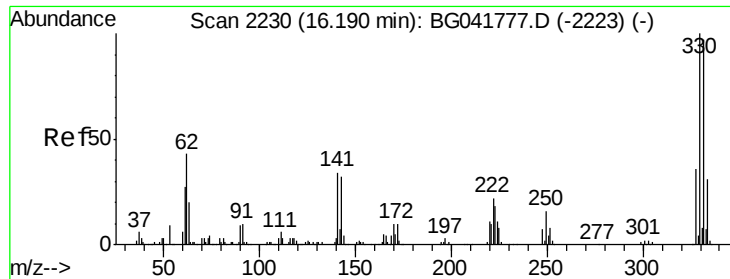
Ion 216.00 (215.70 to 216.70): E

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

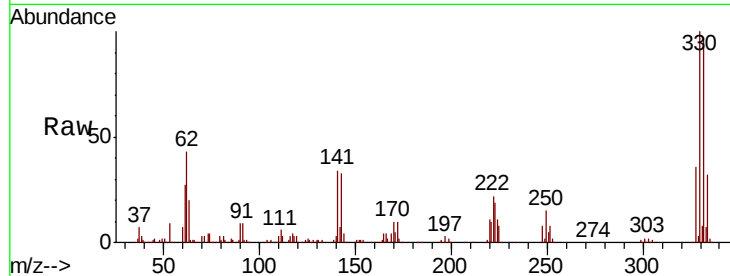




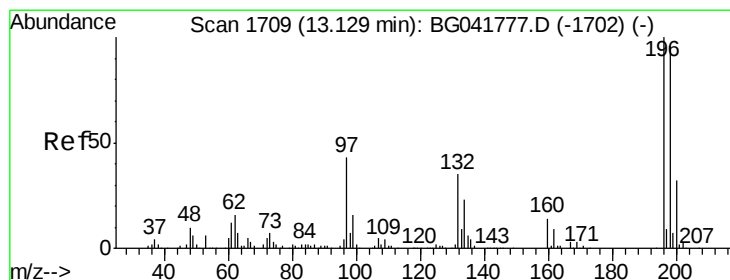
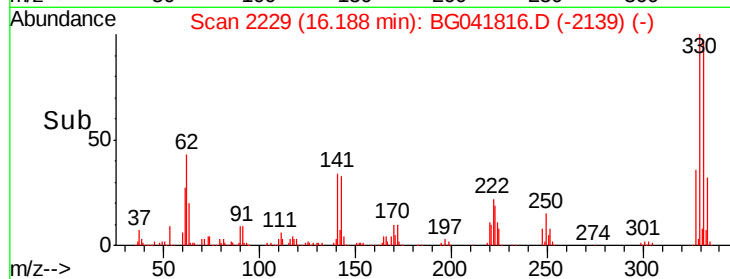
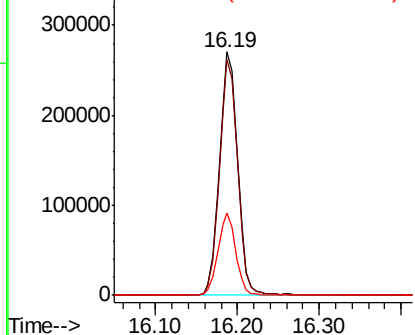
#42
 2,4,6-Tribromophenol
 Concen: 166.378 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG041816.D
 Acq: 31 Jul 2019 00:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Tgt Ion:330 Resp: 422084
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.0
 141 32.7 31.9 47.9

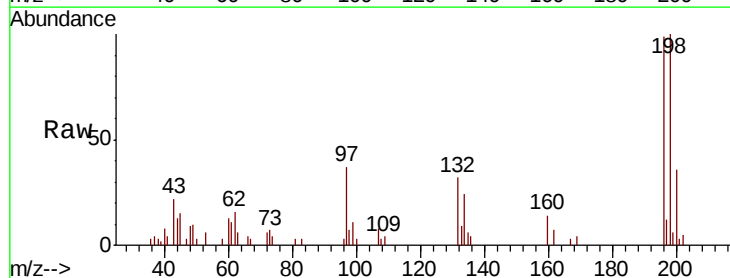


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

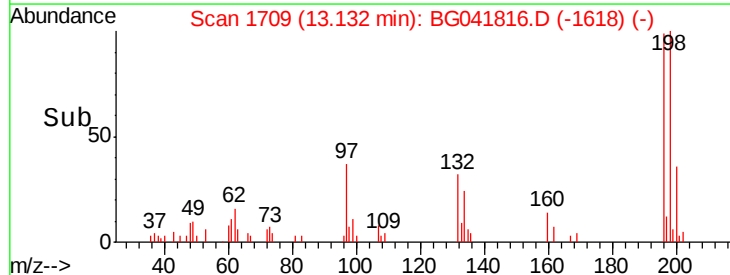
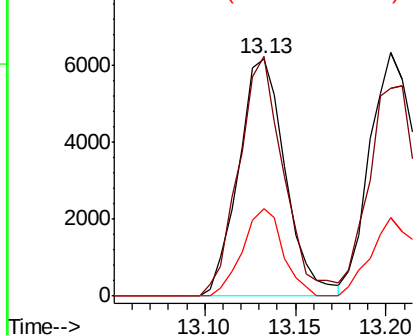


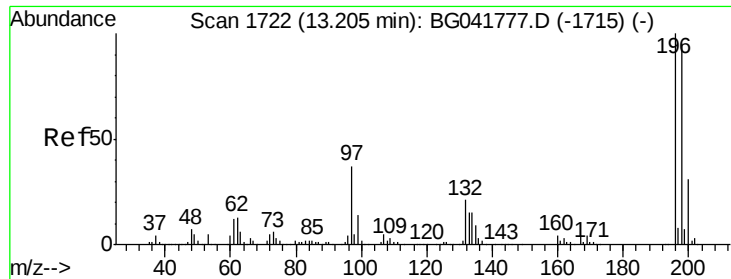
#43
 2,4,6-Trichlorophenol
 Concen: 2.478 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041816.D
 Acq: 31 Jul 2019 00:25

Tgt Ion:196 Resp: 11073
 Ion Ratio Lower Upper
 196 100
 198 101.2 79.6 119.4
 200 36.6 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

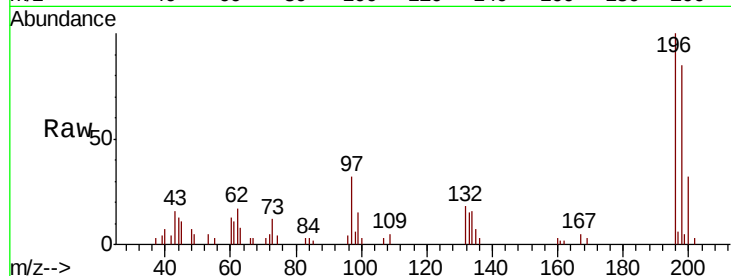




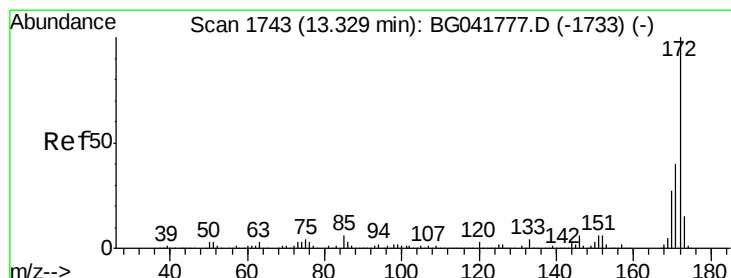
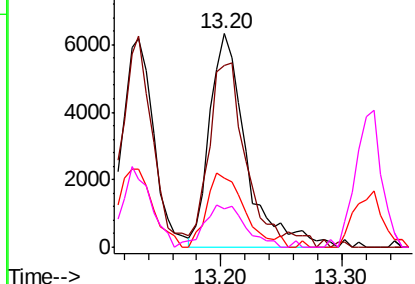
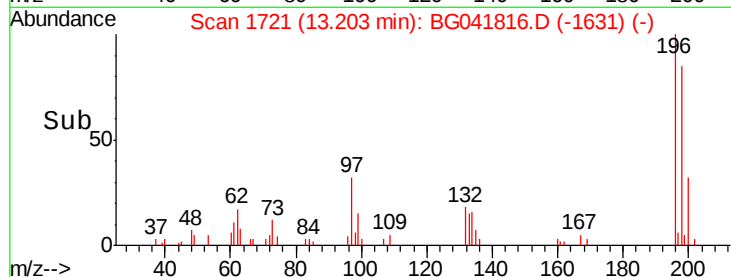
#44
 2,4,5-Trichlorophenol
 Concen: 2.854 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG041816.D
 Acq: 31 Jul 2019 00:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Tgt Ion:196 Resp: 13252
 Ion Ratio Lower Upper
 196 100
 198 85.2 80.6 121.0
 97 32.3 33.9 50.9#
 132 18.1 20.2 30.2#

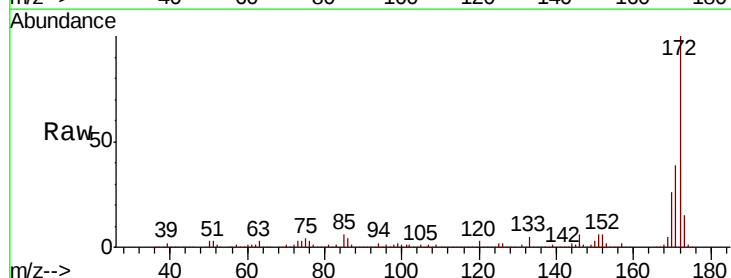


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

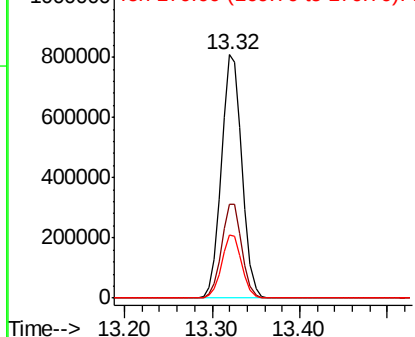
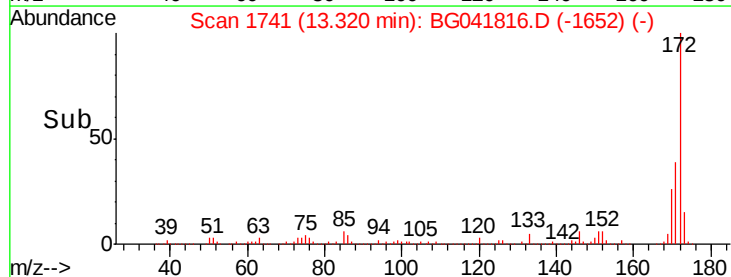


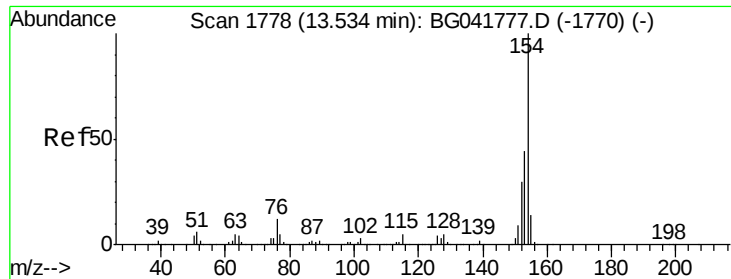
#45
 2-Fluorobiphenyl
 Concen: 103.266 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041816.D
 Acq: 31 Jul 2019 00:25

Tgt Ion:172 Resp: 1307687
 Ion Ratio Lower Upper
 172 100
 171 38.6 35.0 52.4
 170 25.7 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

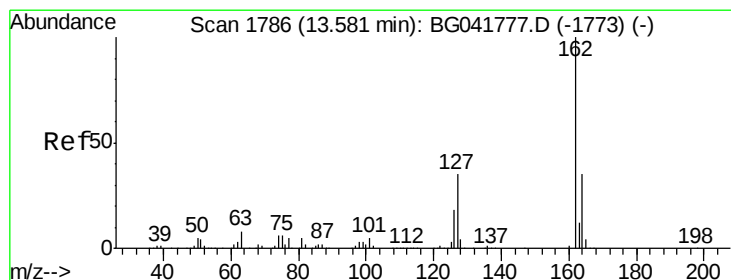
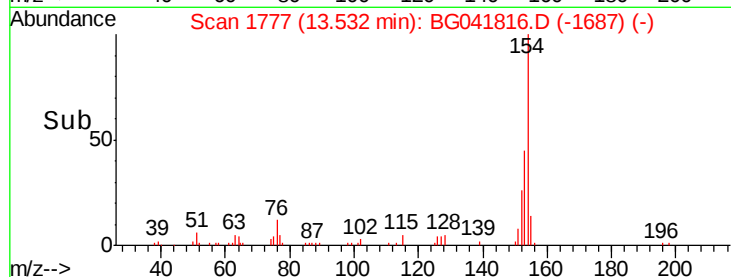
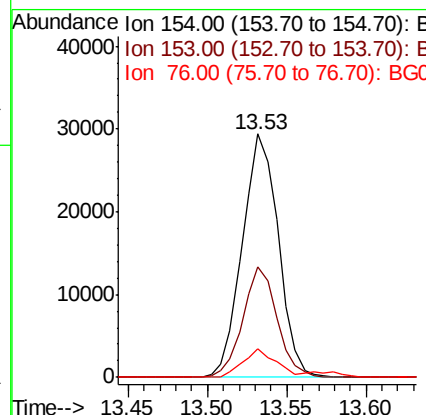
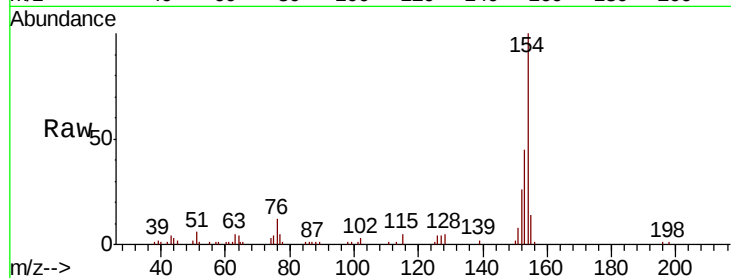




#46
 1,1'-Biphenyl
 Concen: 3.235 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG041816.D
 Acq: 31 Jul 2019 00:25

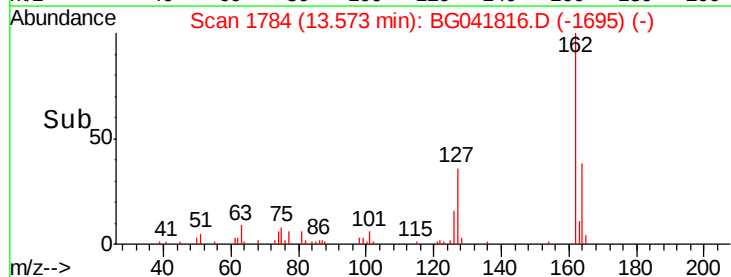
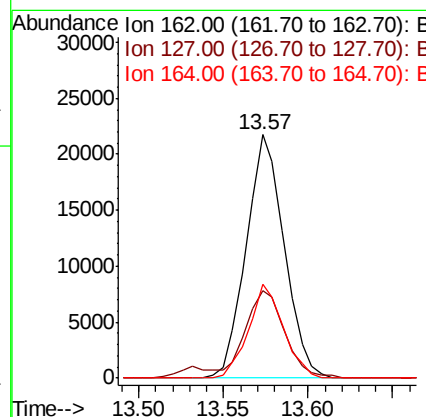
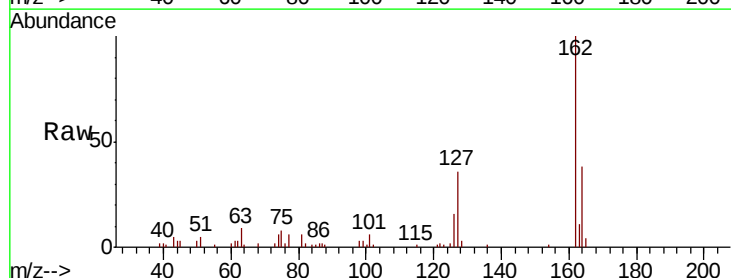
Instrument :
 BNA_G
 ClientSampleId :
 TP-9

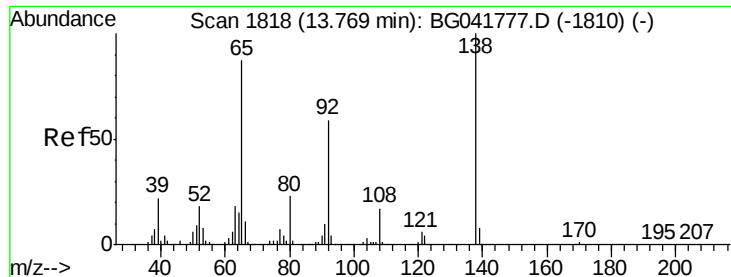
Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.2	25.0	65.0
76	11.5	0.0	34.5



#47
 2-Chloronaphthalene
 Concen: 2.788 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG041816.D
 Acq: 31 Jul 2019 00:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.0	30.4	45.6
164	38.4	28.6	42.8

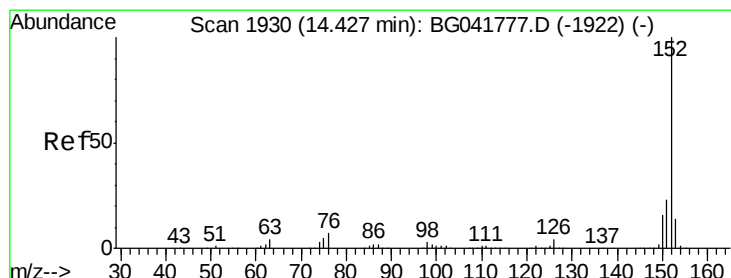
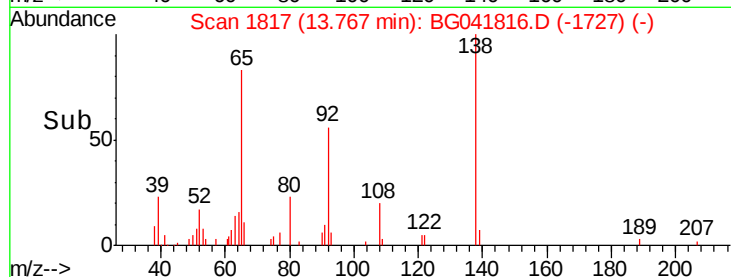
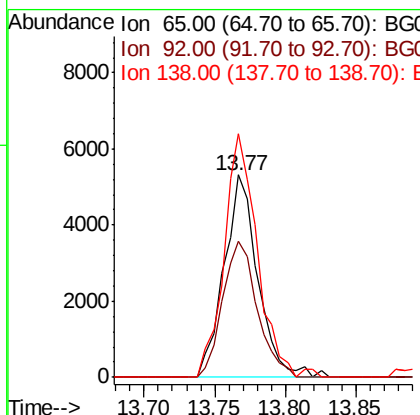
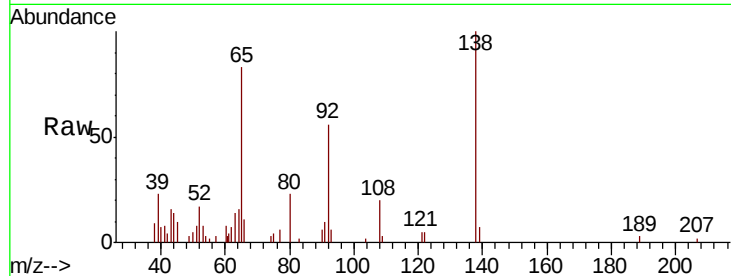




#48
2-Nitroaniline
Concen: 2.861 ng
RT: 13.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

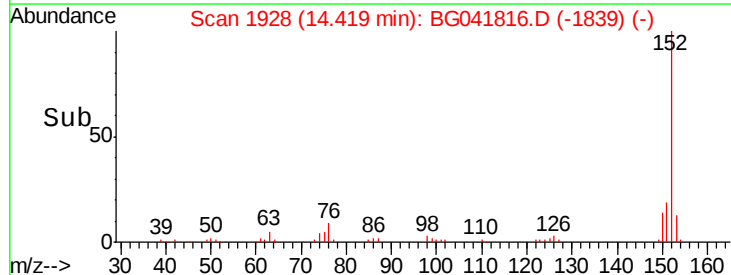
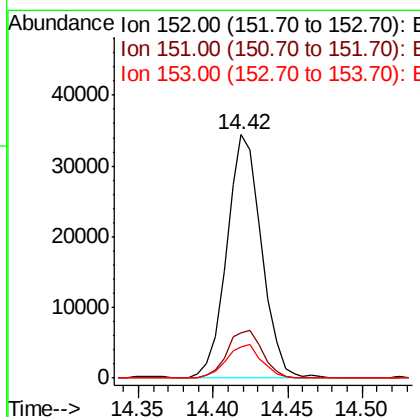
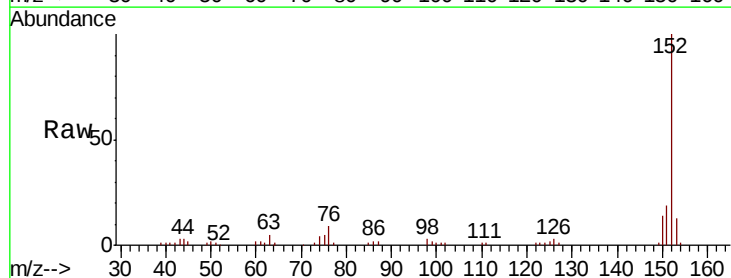
Instrument :
BNA_G
ClientSampleId :
TP-9

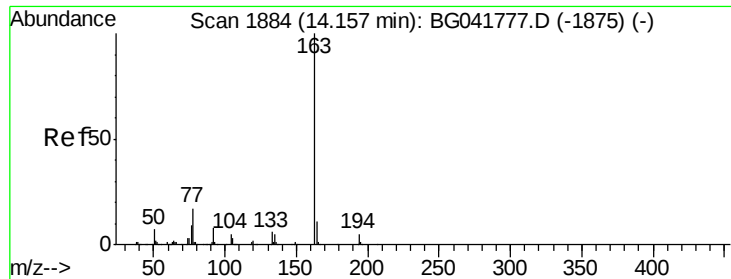
Tgt Ion: 65 Resp: 8869
Ion Ratio Lower Upper
65 100
92 67.2 53.9 80.9
138 120.2 83.5 125.3



#49
Acenaphthylene
Concen: 3.062 ng
RT: 14.42 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

Tgt Ion: 152 Resp: 55985
Ion Ratio Lower Upper
152 100
151 18.6 18.7 28.1#
153 13.0 12.4 18.6

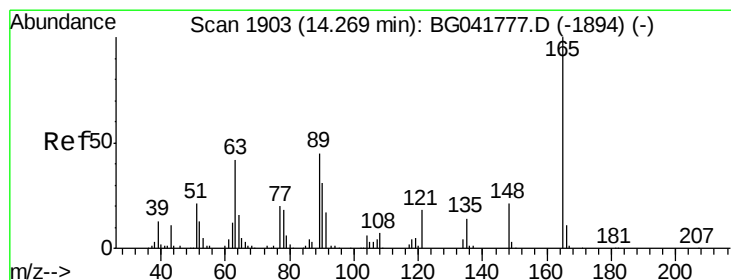
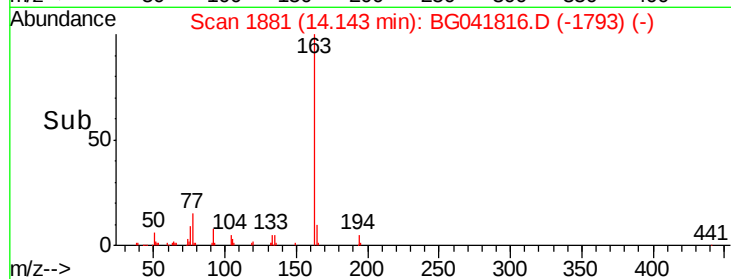
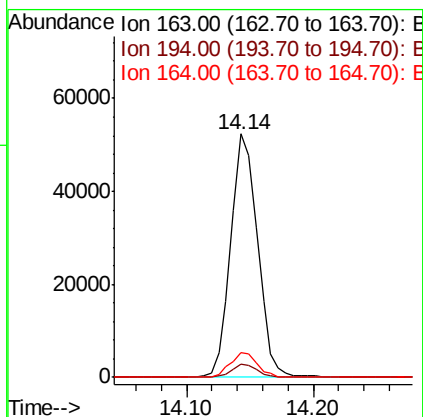
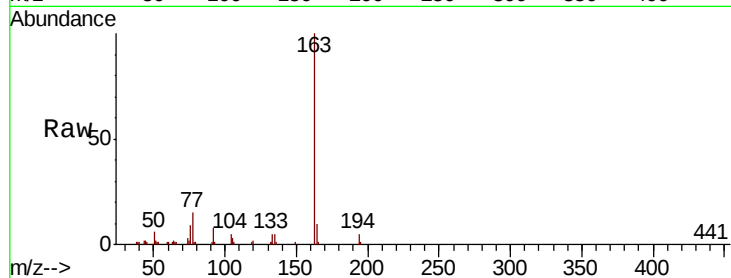




#50
Dimethylphthalate
Concen: 5.017 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

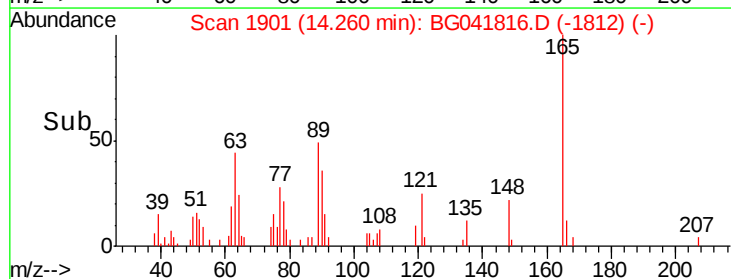
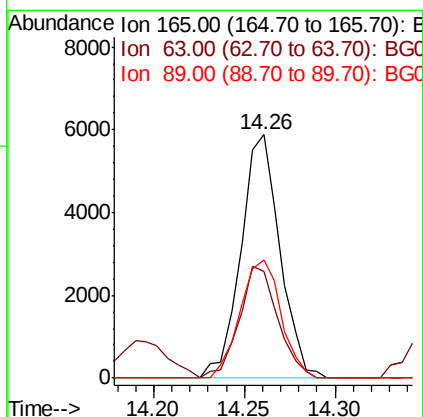
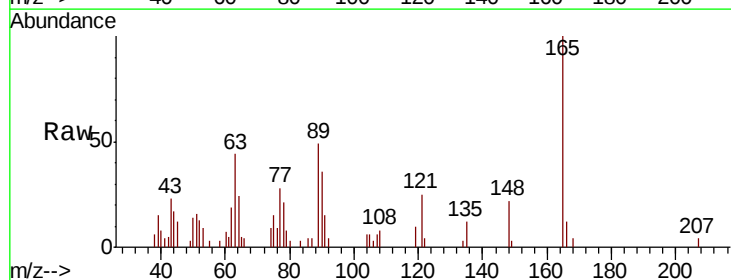
Instrument :
BNA_G
ClientSampleId :
TP-9

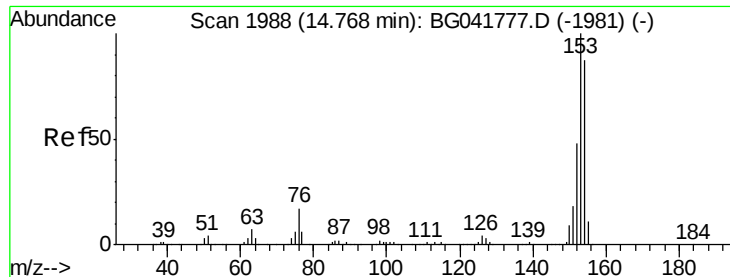
Tgt Ion:163 Resp: 76526
Ion Ratio Lower Upper
163 100
194 5.2 4.2 6.2
164 10.3 9.4 14.2



#51
2,6-Dinitrotoluene
Concen: 2.747 ng
RT: 14.26 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

Tgt Ion:165 Resp: 8761
Ion Ratio Lower Upper
165 100
63 44.0 42.4 63.6
89 48.5 42.1 63.1





#52

Acenaphthene

Concen: 2.684 ng

RT: 14.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

Instrument :

BNA_G

ClientSampleId :

TP-9

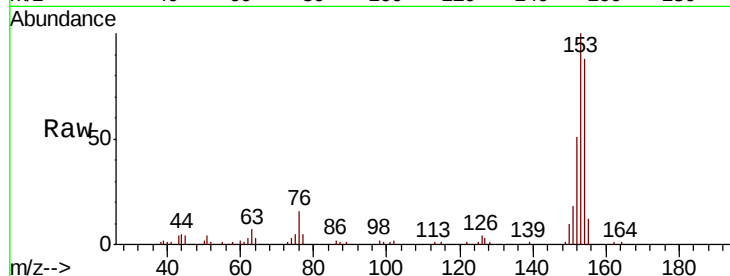
Tgt Ion:154 Resp: 31919

Ion Ratio Lower Upper

154 100

153 113.2 89.8 134.6

152 58.2 44.9 67.3

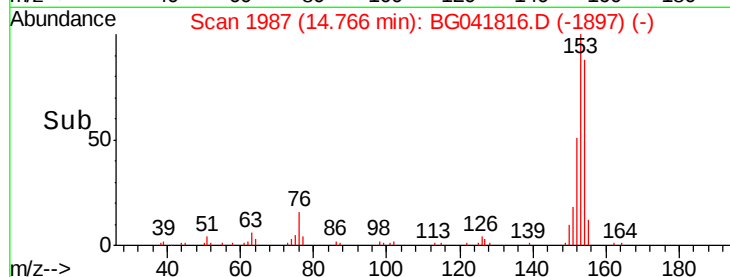


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time--> 14.70 14.75 14.80

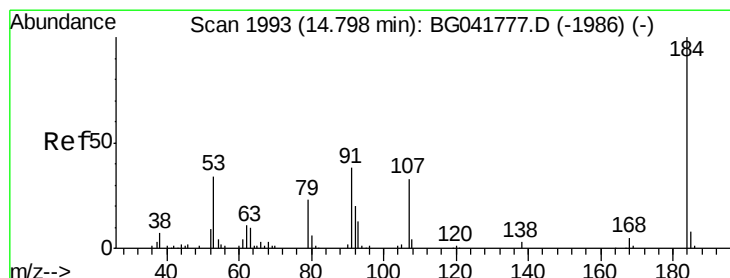


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time--> 14.70 14.75 14.80



#54

2,4-Dinitrophenol

Concen: 3.749 ng

RT: 14.81 min Scan# 1995

Delta R.T. 0.02 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

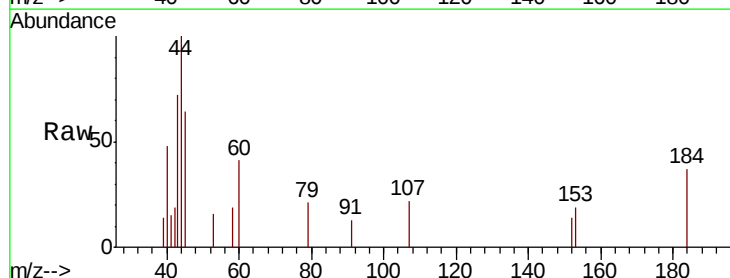
Tgt Ion:184 Resp: 686

Ion Ratio Lower Upper

184 100

63 0.0 43.2 64.8#

154 0.0 51.4 77.2#

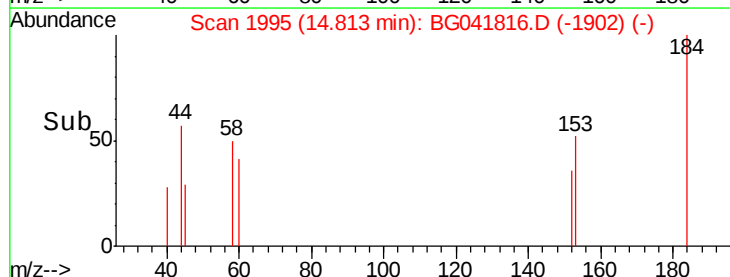


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

Time--> 14.80 14.85

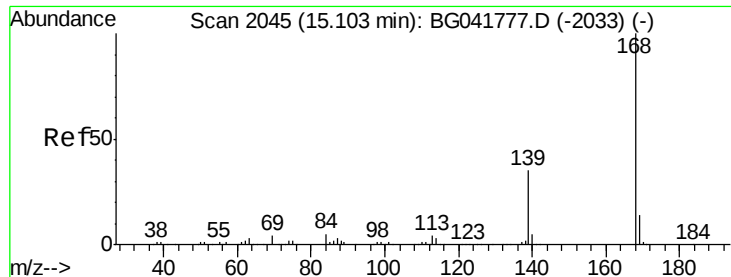


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

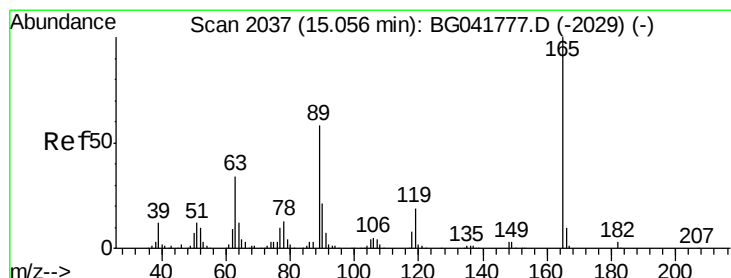
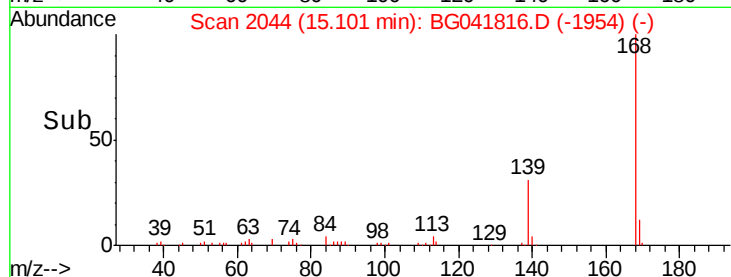
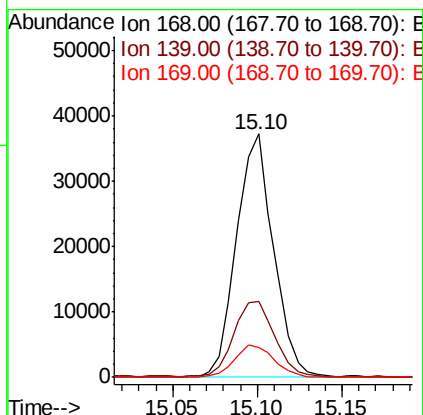
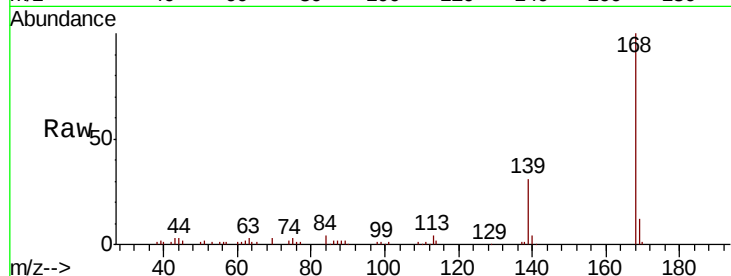
Time--> 14.80 14.85



#55
Dibenzofuran
Concen: 3.123 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

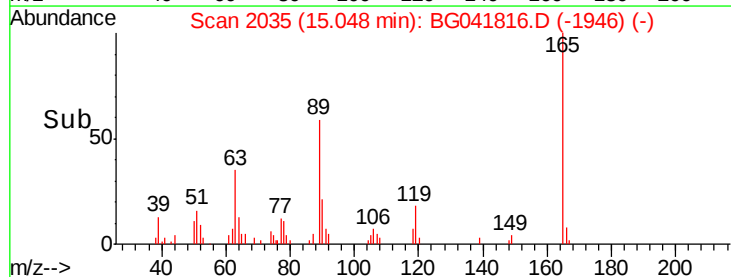
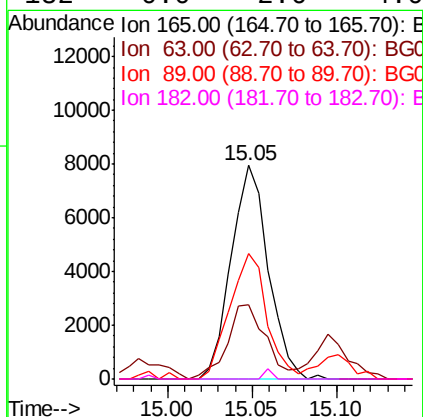
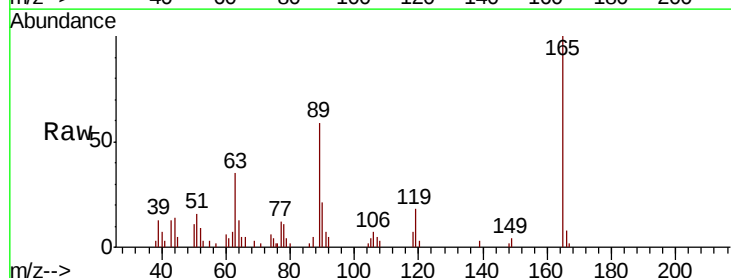
Instrument :
BNA_G
ClientSampleId :
TP-9

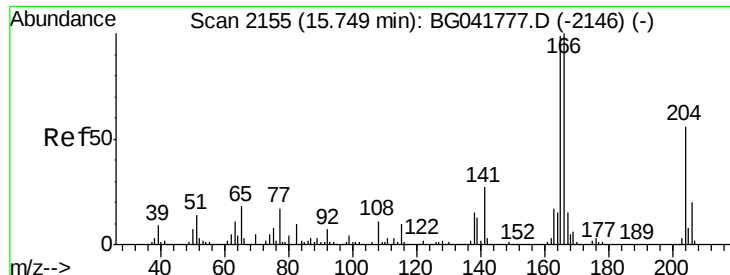
Tgt Ion:168 Resp: 56810
Ion Ratio Lower Upper
168 100
139 31.0 31.9 47.9#
169 12.1 12.5 18.7#



#57
2,4-Dinitrotoluene
Concen: 2.777 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

Tgt Ion:165 Resp: 12182
Ion Ratio Lower Upper
165 100
63 34.7 31.7 47.5
89 58.8 50.2 75.4
182 0.0 2.6 4.0#





#58

Fluorene

Concen: 3.238 ng

RT: 15.75 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

Instrument :

BNA_G

ClientSampleId :

TP-9

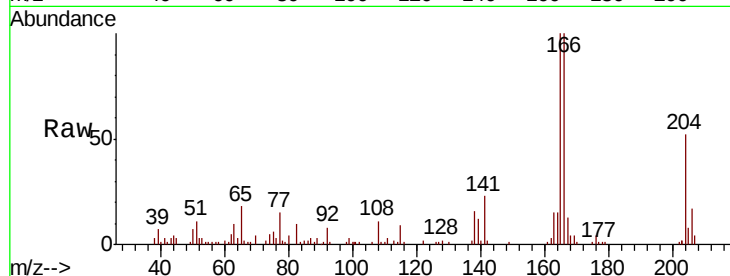
Tgt Ion:166 Resp: 47272

Ion Ratio Lower Upper

166 100

165 100.0 80.5 120.7

167 12.8 12.4 18.6

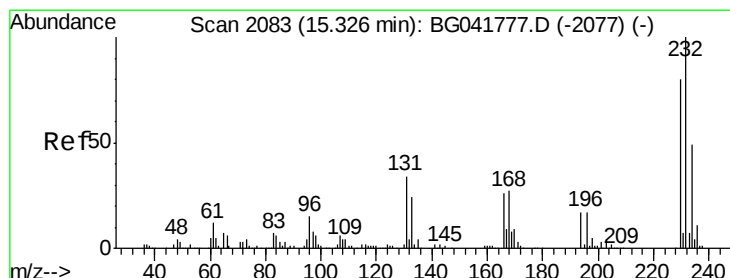
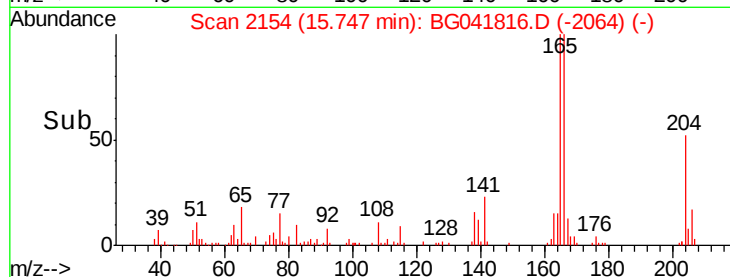
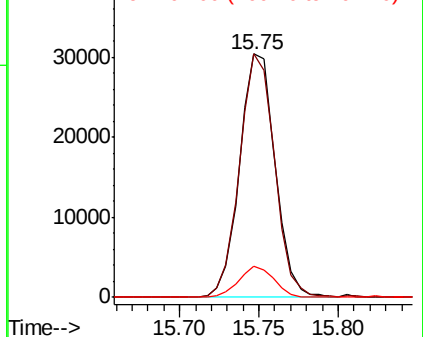


Abundance

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: 2.306 ng

RT: 15.32 min Scan# 2082

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

Tgt Ion:232 Resp: 10607

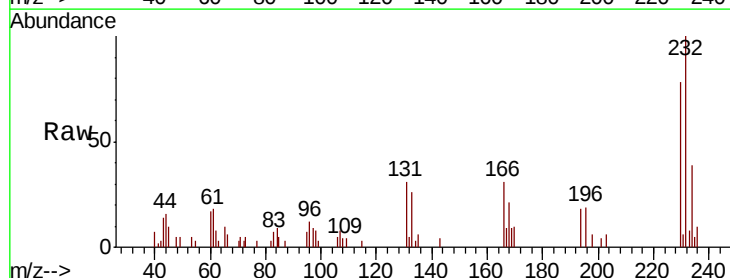
Ion Ratio Lower Upper

232 100

131 38.5 31.8 47.6

130 0.0 1.8 2.8#

166 27.8 23.5 35.3



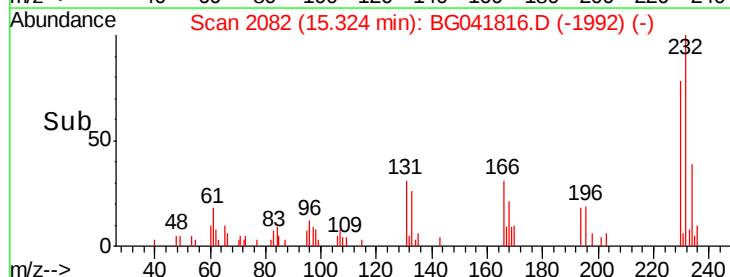
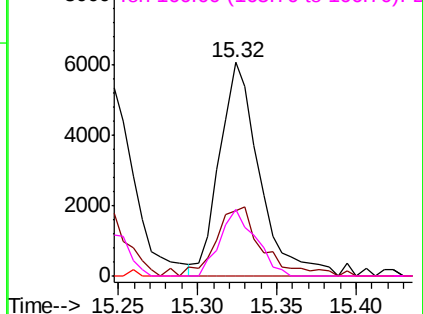
Abundance

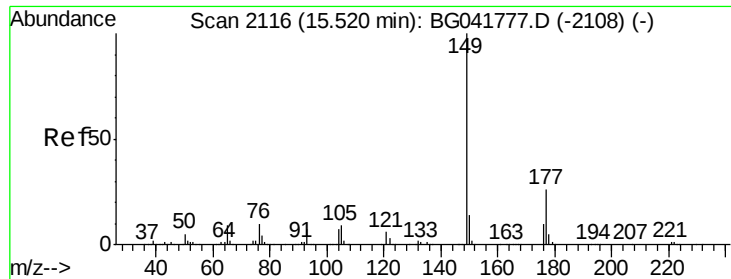
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

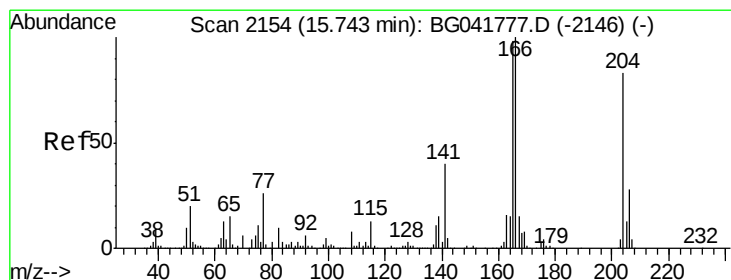
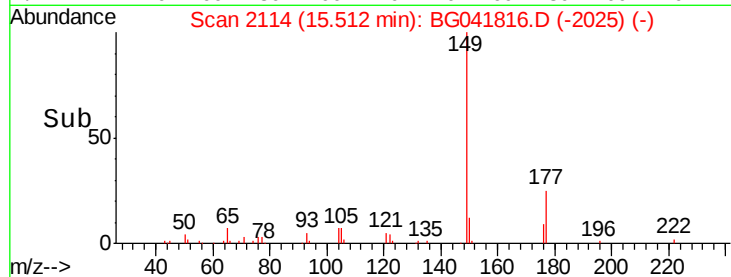
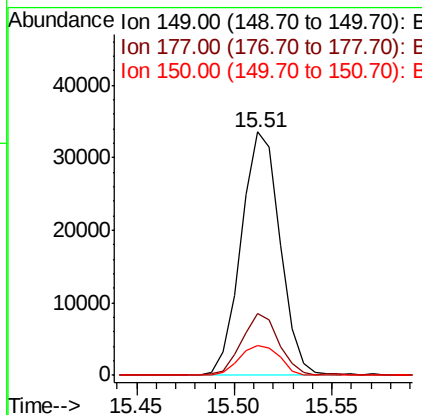
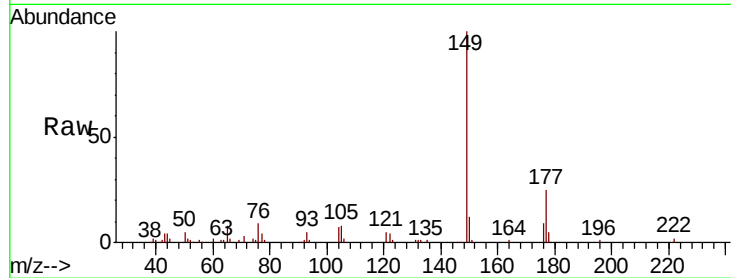




#60
Diethylphthalate
Concen: 3.086 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

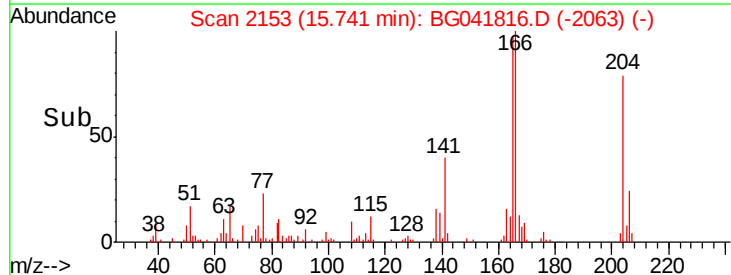
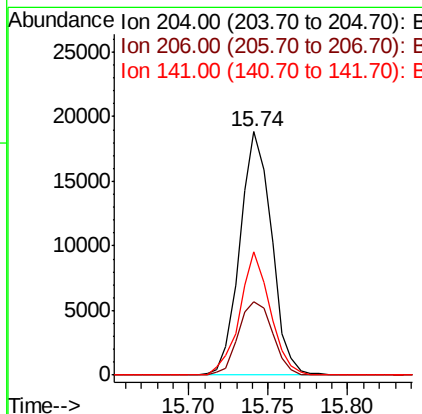
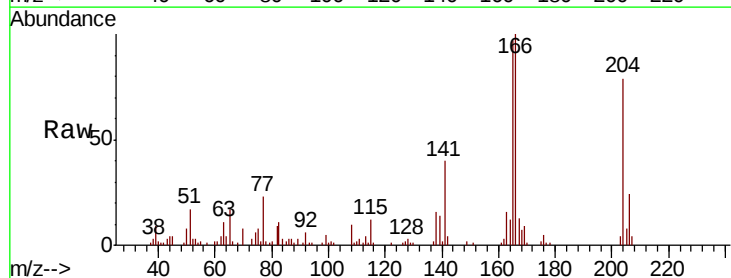
Instrument :
BNA_G
ClientSampleId :
TP-9

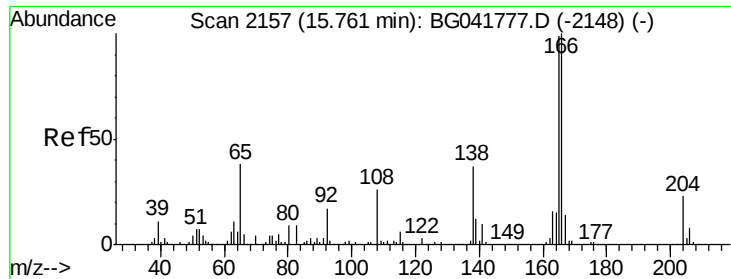
Tgt Ion:149 Resp: 46220
Ion Ratio Lower Upper
149 100
177 25.2 20.7 31.1
150 12.0 11.5 17.3



#61
4-Chlorophenyl-phenylether
Concen: 2.937 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

Tgt Ion:204 Resp: 26169
Ion Ratio Lower Upper
204 100
206 30.4 28.6 42.8
141 50.6 42.9 64.3





#62

4-Nitroaniline

Concen: 2.627 ng

RT: 15.75 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

Instrument :

BNA_G

ClientSampleId :

TP-9

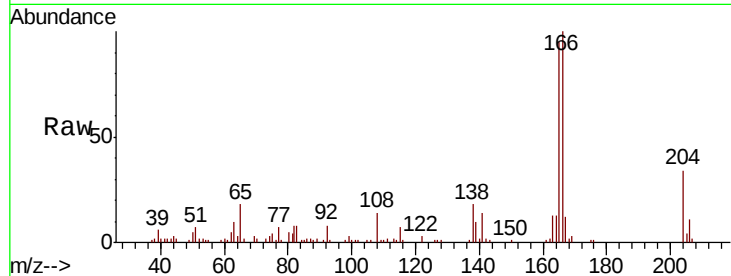
Tgt Ion:138 Resp: 9710

Ion Ratio Lower Upper

138 100

92 43.0 29.8 69.8

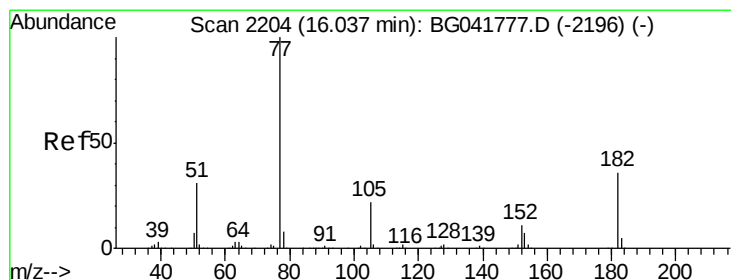
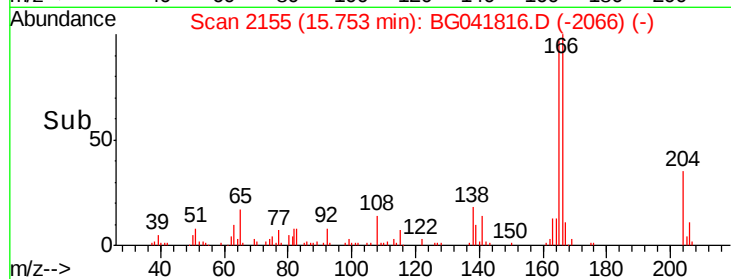
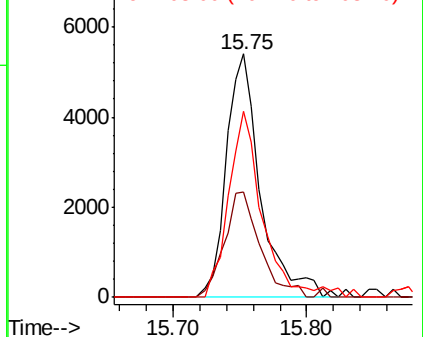
108 76.2 52.2 92.2



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: 2.973 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

Tgt Ion: 77 Resp: 36375

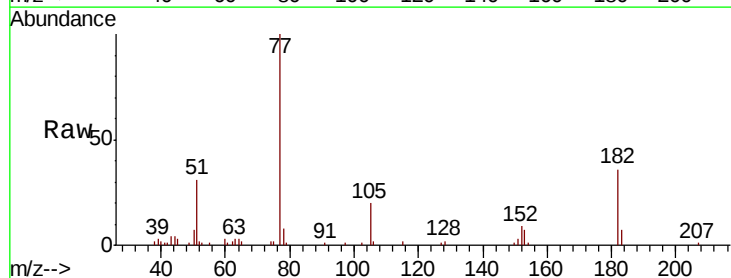
Ion Ratio Lower Upper

77 100

182 35.7 13.2 53.2

105 20.3 2.2 42.2

51 30.8 14.6 54.6

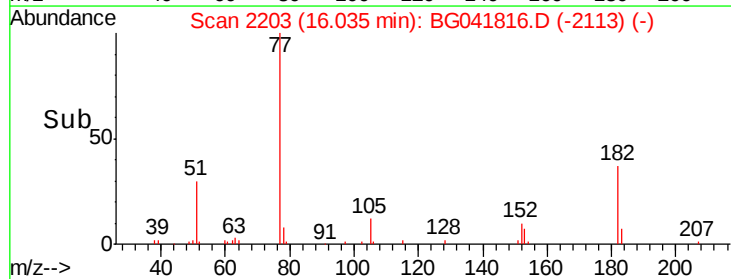
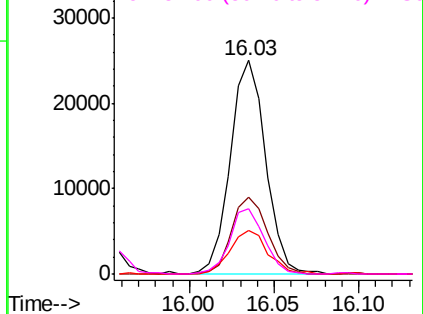


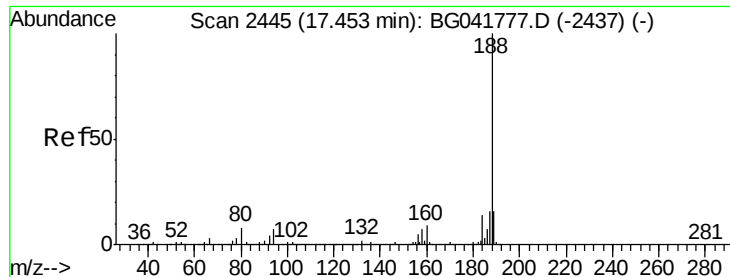
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

Instrument :

BNA_G

ClientSampleId :

TP-9

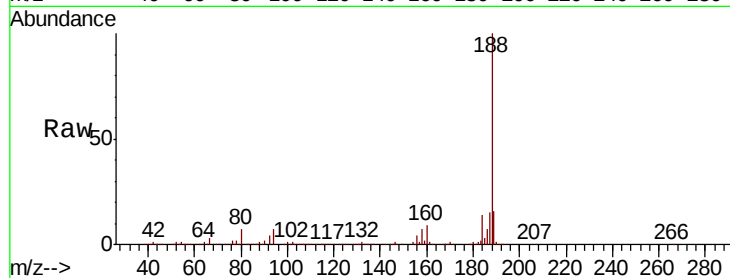
Tgt Ion:188 Resp: 547745

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

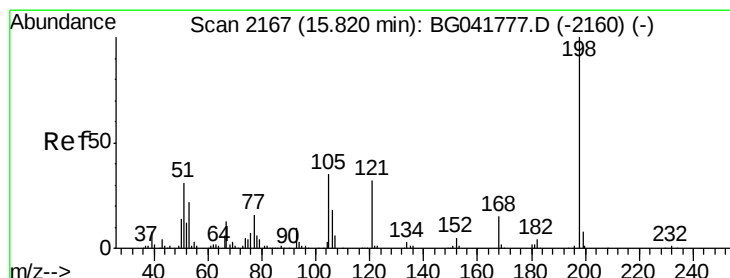
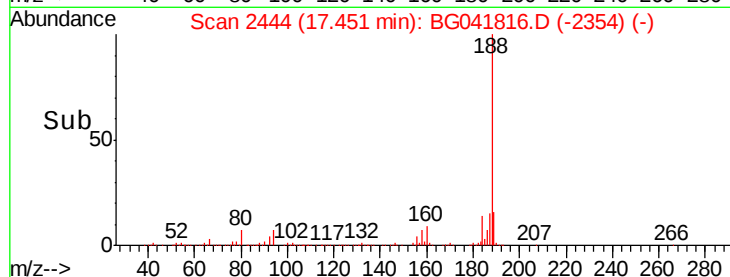
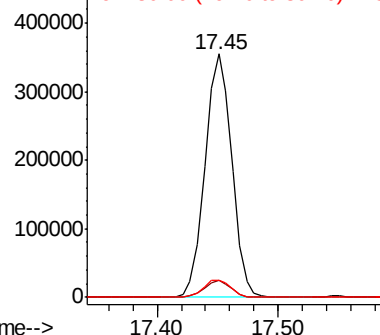
80 7.2 8.0 12.0#



Abundance Ion 188.00 (187.70 to 188.70): E

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: 7.789 ng

RT: 15.82 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

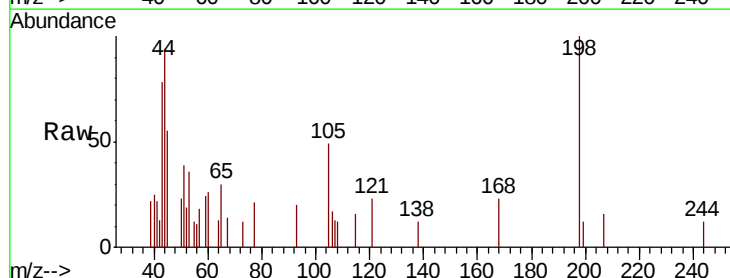
Tgt Ion:198 Resp: 2929

Ion Ratio Lower Upper

198 100

51 39.3 22.3 62.3

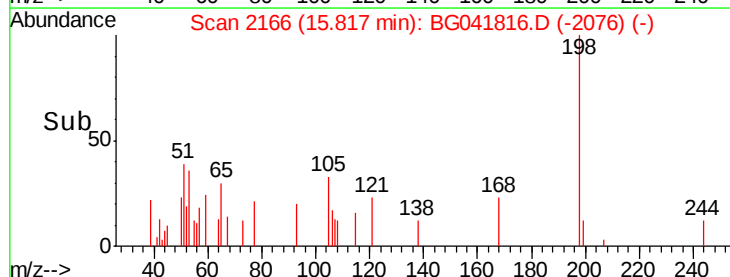
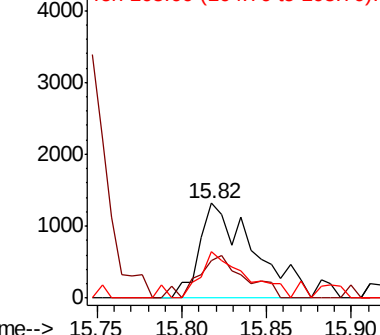
105 48.7 18.0 58.0

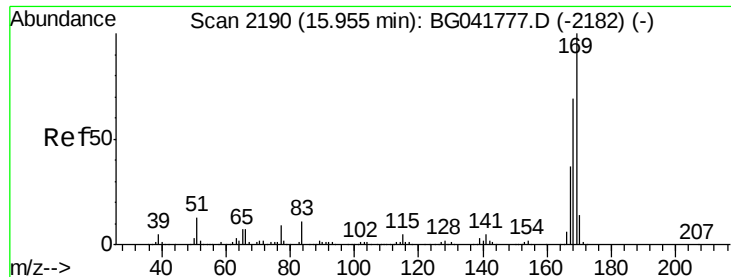


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

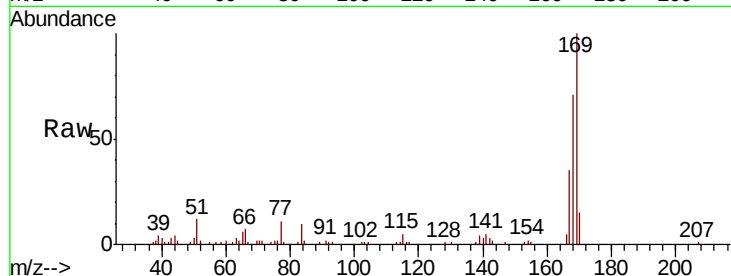




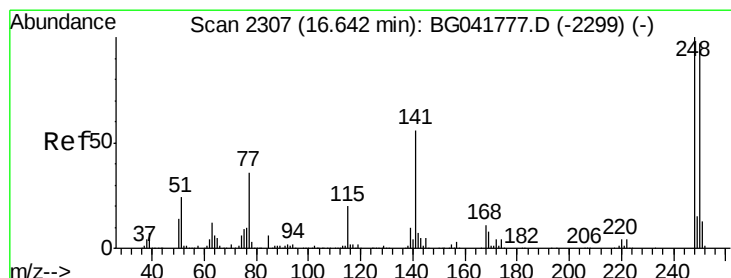
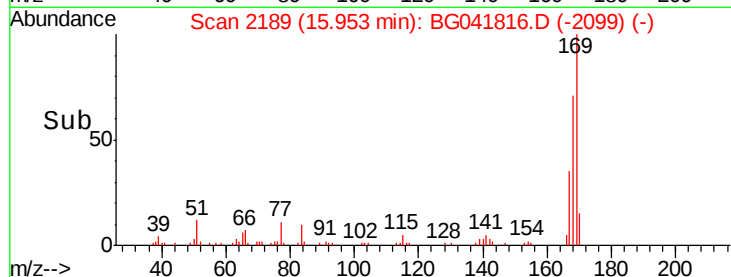
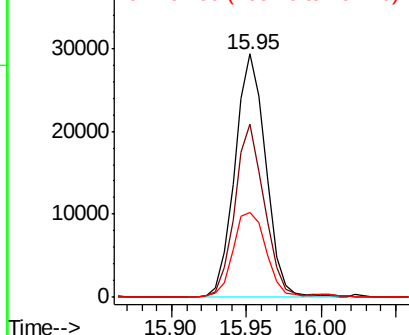
#66
 n-Nitrosodiphenylamine
 Concen: 2.830 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG041816.D
 Acq: 31 Jul 2019 00:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Tgt Ion:169 Resp: 42221
 Ion Ratio Lower Upper
 169 100
 168 71.1 56.9 85.3
 167 34.7 31.5 47.3

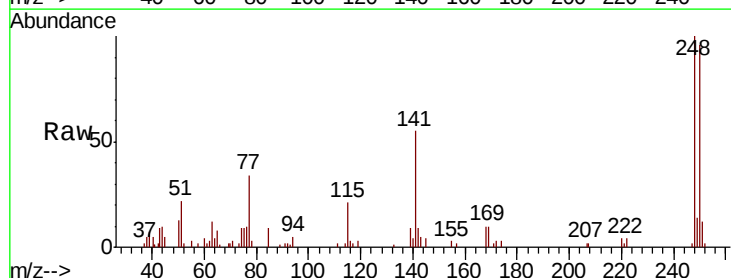


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

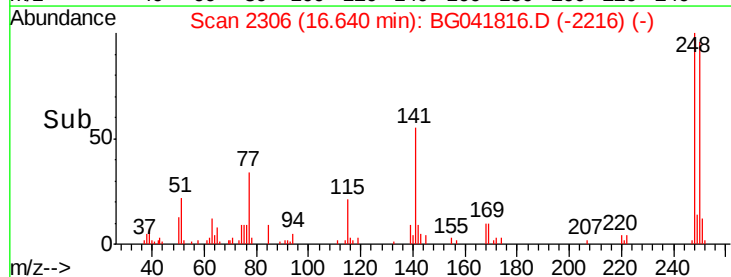
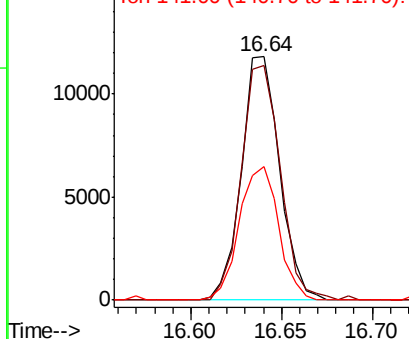


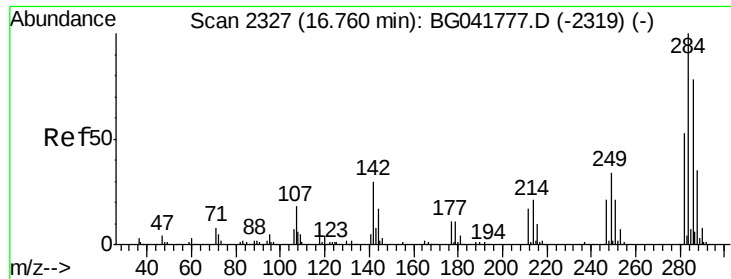
#67
 4-Bromophenyl-phenylether
 Concen: 2.573 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG041816.D
 Acq: 31 Jul 2019 00:25

Tgt Ion:248 Resp: 17361
 Ion Ratio Lower Upper
 248 100
 250 96.2 78.1 117.1
 141 55.0 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

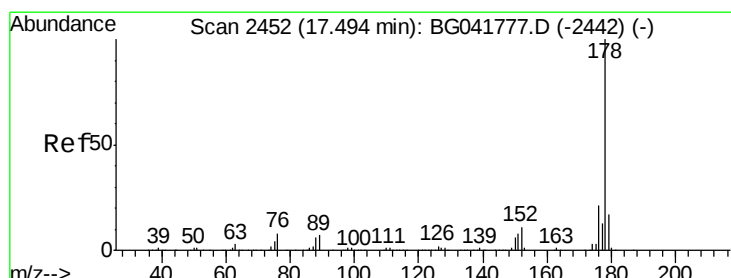
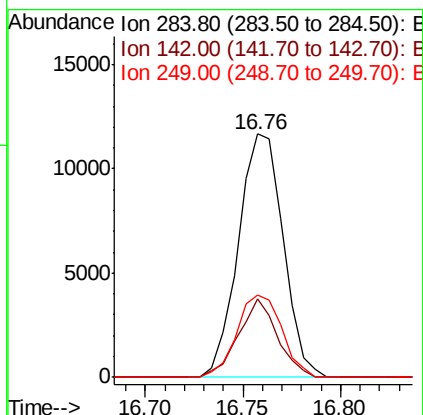
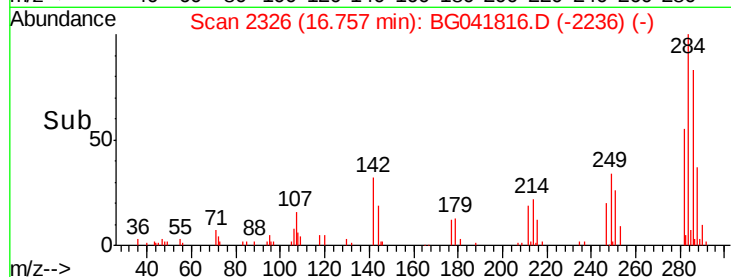
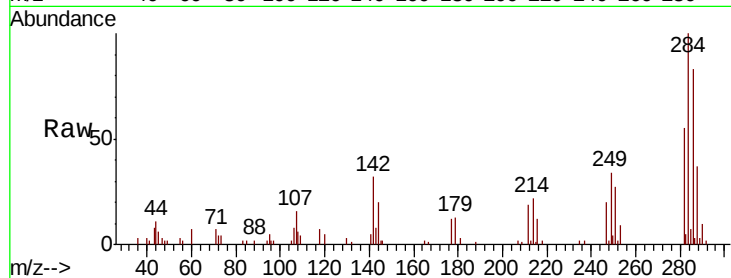




#68
Hexachlorobenzene
Concen: 2.626 ng
RT: 16.76 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

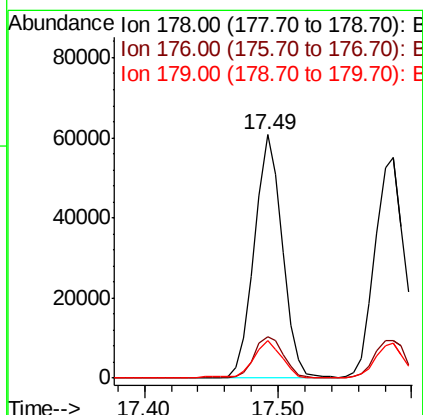
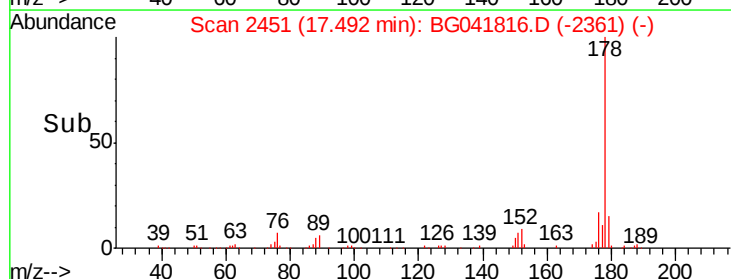
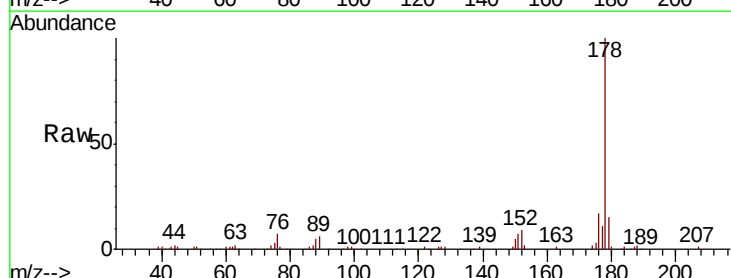
Instrument :
BNA_G
ClientSampleId :
TP-9

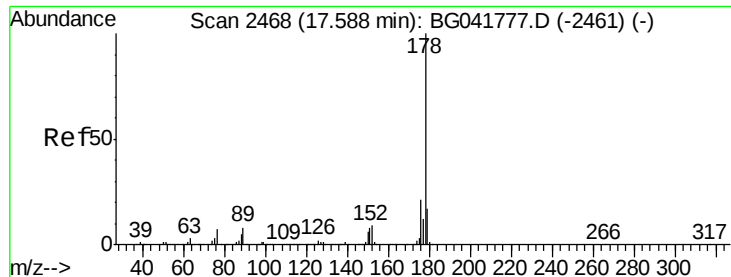
Tgt Ion:284 Resp: 18536
Ion Ratio Lower Upper
284 100
142 32.1 27.0 40.6
249 33.6 28.4 42.6



#71
Phenanthrene
Concen: 3.332 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

Tgt Ion:178 Resp: 87492
Ion Ratio Lower Upper
178 100
176 17.0 18.6 28.0#
179 15.4 15.4 23.0#





#72

Anthracene

Concen: 3.236 ng

RT: 17.59 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

Instrument :

BNA_G

ClientSampleId :

TP-9

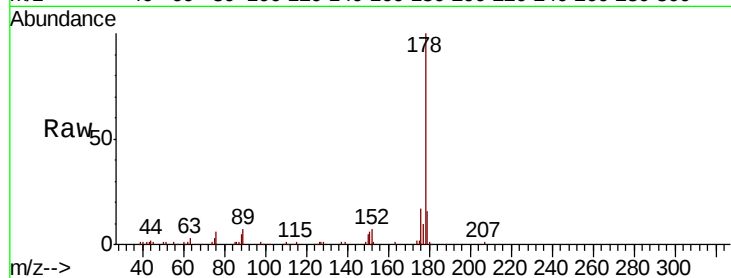
Tgt Ion:178 Resp: 84748

Ion Ratio Lower Upper

178 100

176 17.1 18.6 28.0#

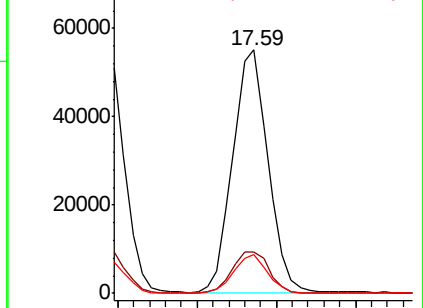
179 15.8 15.1 22.7



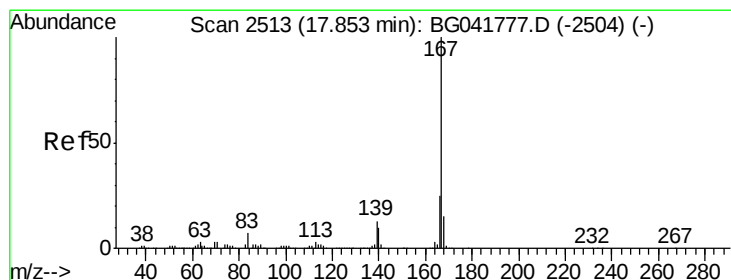
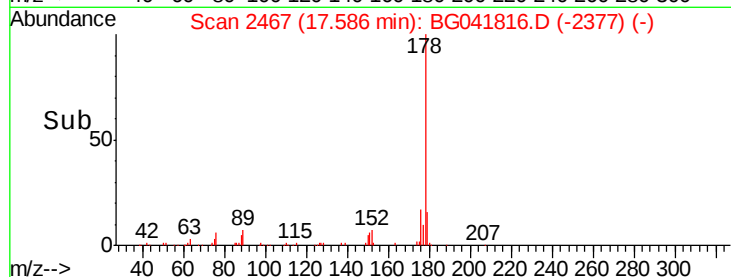
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.50 17.55 17.60 17.65



#73

Carbazole

Concen: 3.456 ng

RT: 17.85 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

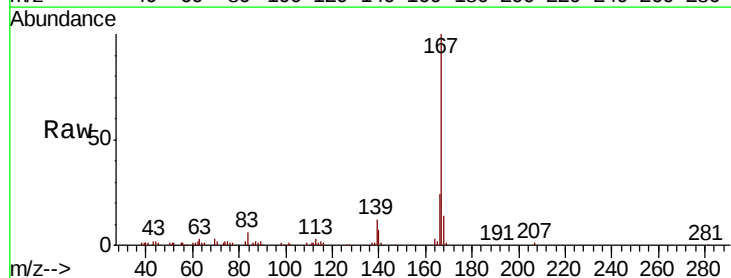
Tgt Ion:167 Resp: 81223

Ion Ratio Lower Upper

167 100

166 23.6 21.4 32.2

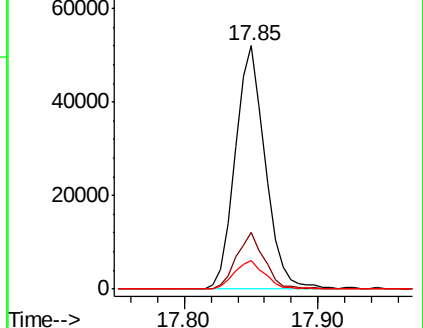
139 11.9 12.1 18.1#



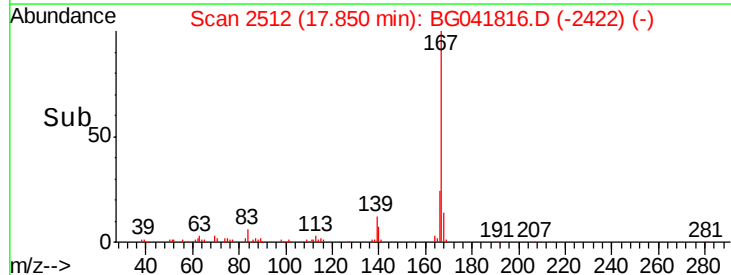
Abundance Ion 167.00 (166.70 to 167.70): E

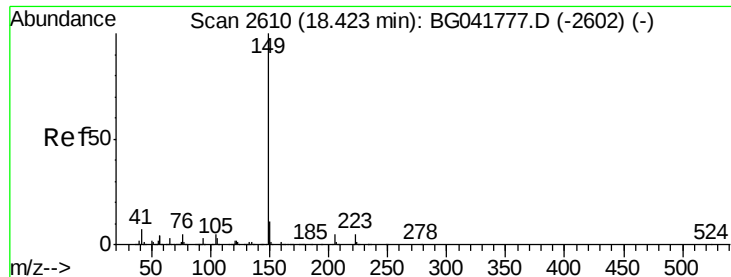
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 17.80 17.90





#74

Di-n-butylphthalate

Concen: 3.650 ng

RT: 18.41 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

Instrument :

BNA_G

ClientSampleId :

TP-9

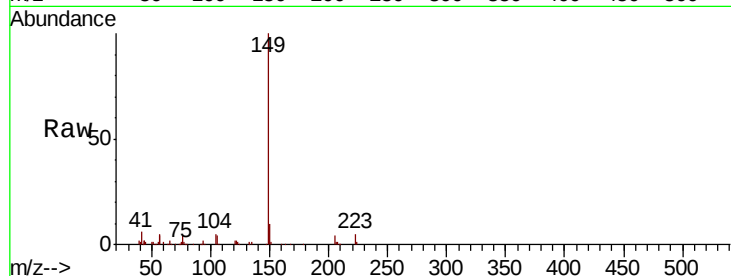
Tgt Ion:149 Resp: 97255

Ion Ratio Lower Upper

149 100

150 9.5 10.2 15.2#

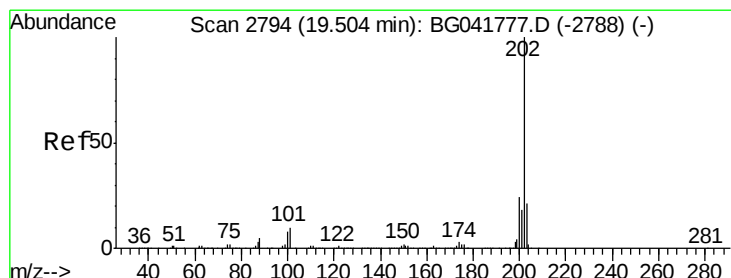
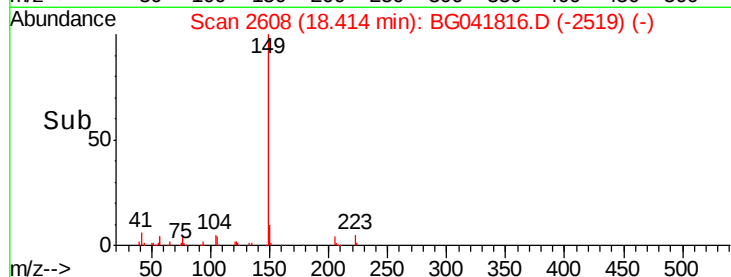
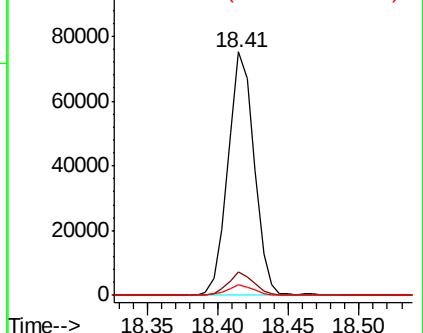
104 4.6 5.3 7.9#



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: 3.882 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

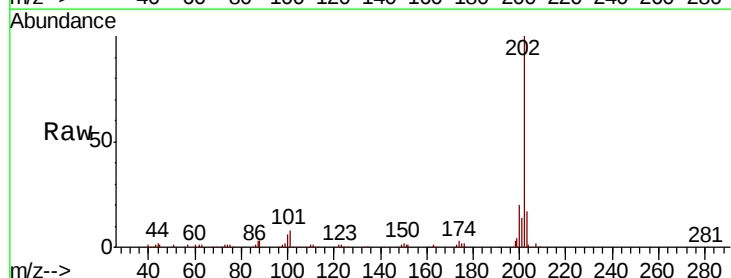
Tgt Ion:202 Resp: 123903

Ion Ratio Lower Upper

202 100

101 7.6 0.0 32.8

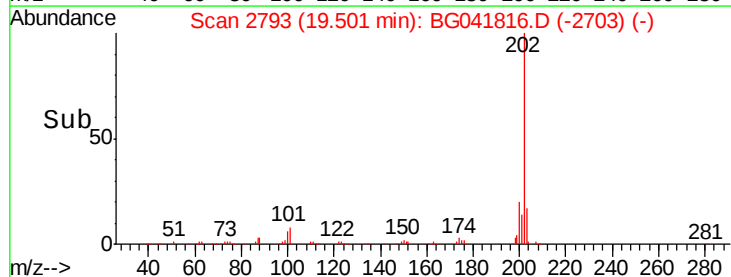
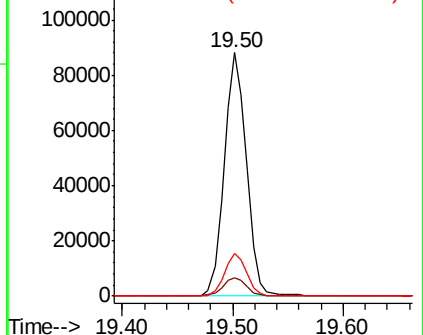
203 17.4 3.7 43.7

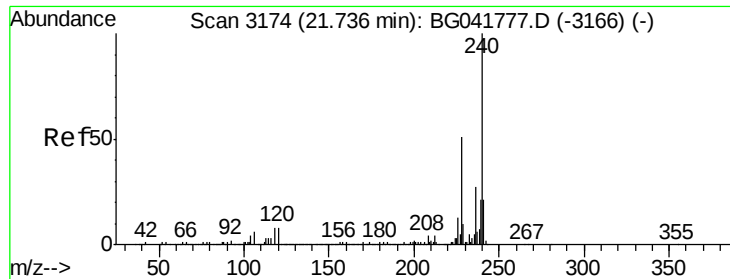


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

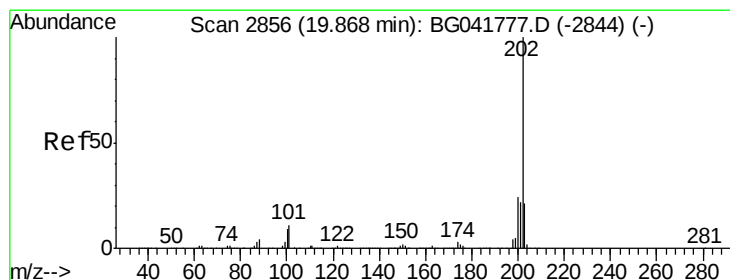
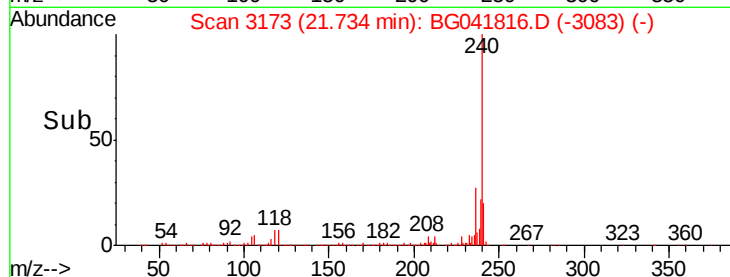
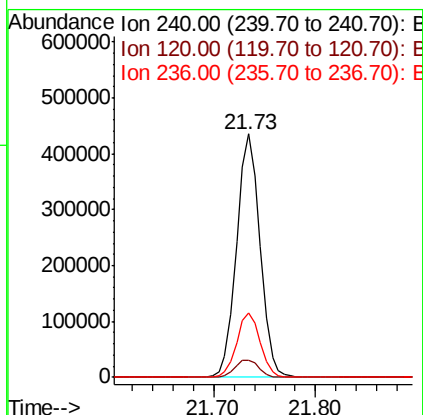
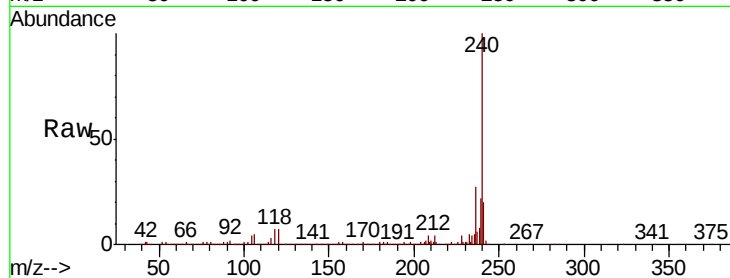




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

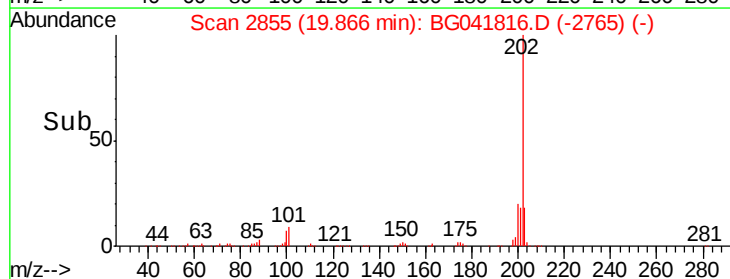
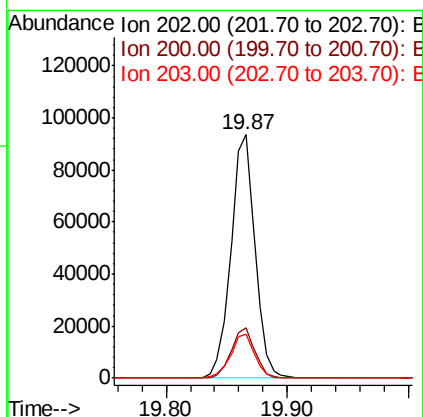
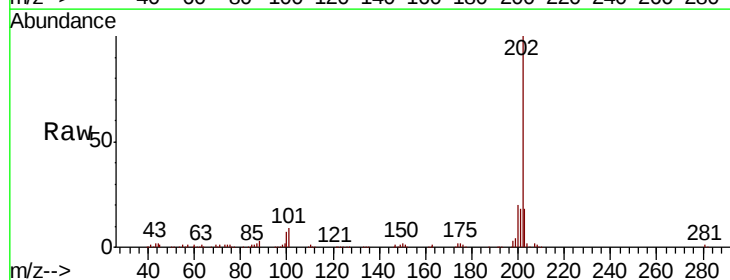
Instrument :
BNA_G
ClientSampleId :
TP-9

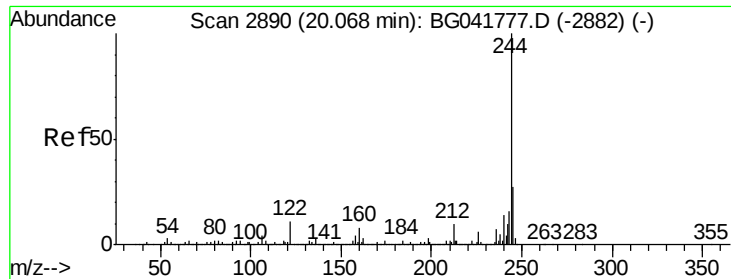
Tgt Ion:240 Resp: 697623
Ion Ratio Lower Upper
240 100
120 7.3 8.0 12.0#
236 26.7 22.6 33.8



#78
Pyrene
Concen: 3.150 ng
RT: 19.87 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG041816.D
Acq: 31 Jul 2019 00:25

Tgt Ion:202 Resp: 130182
Ion Ratio Lower Upper
202 100
200 20.4 22.2 33.2#
203 17.8 18.9 28.3#





#79

Terphenyl-d14

Concen: 83.210 ng

RT: 20.07 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

Instrument :

BNA_G

ClientSampleId :

TP-9

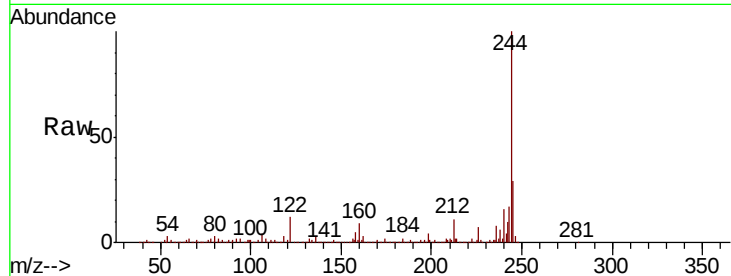
Tgt Ion:244 Resp: 2536828

Ion Ratio Lower Upper

244 100

212 10.8 9.7 14.5

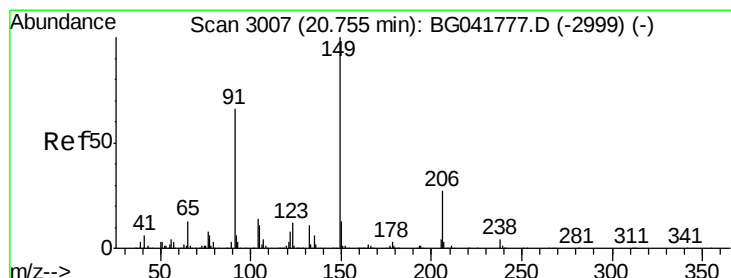
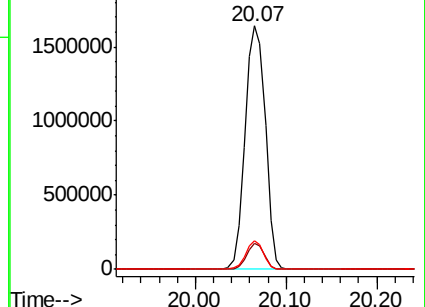
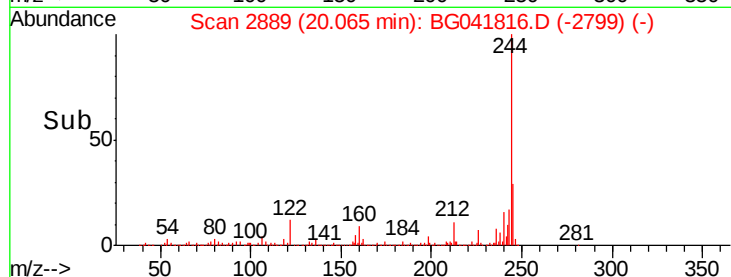
122 11.9 12.5 18.7#



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: 3.008 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

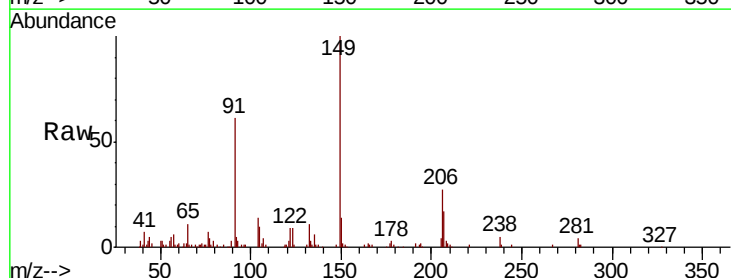
Tgt Ion:149 Resp: 47670

Ion Ratio Lower Upper

149 100

91 60.8 58.9 88.3

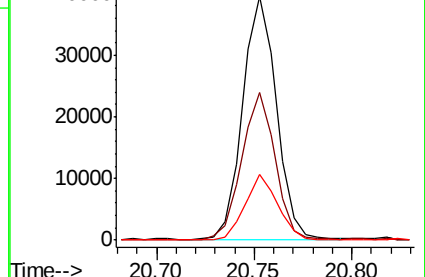
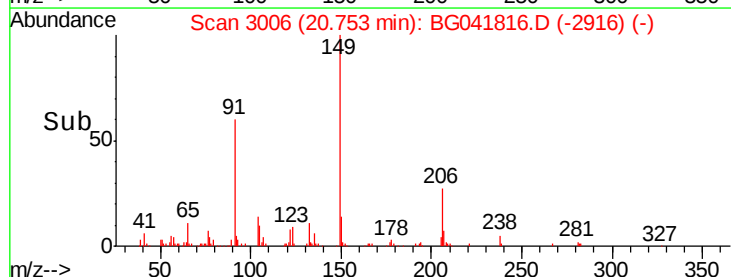
206 27.2 20.8 31.2

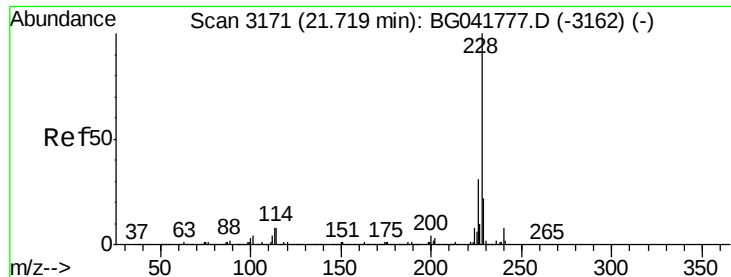


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 3.336 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

Instrument :

BNA_G

ClientSampleId :

TP-9

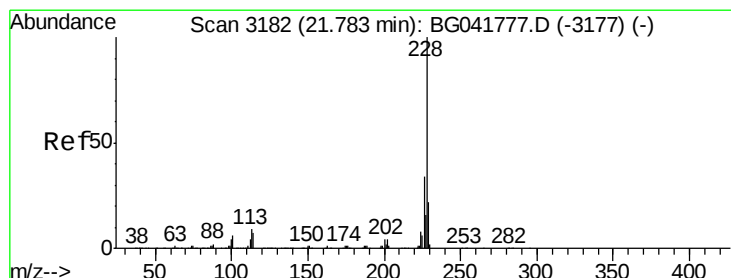
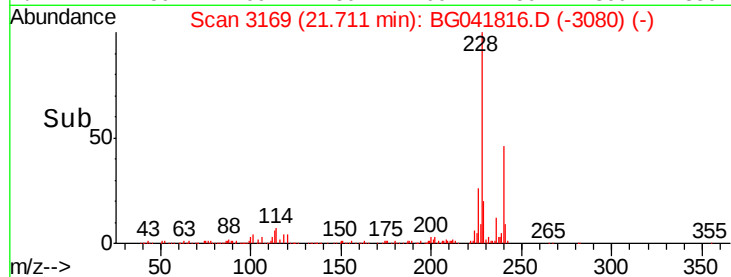
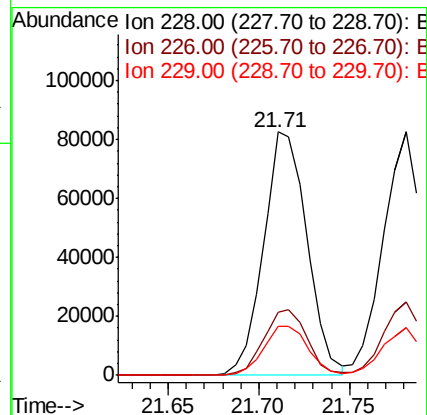
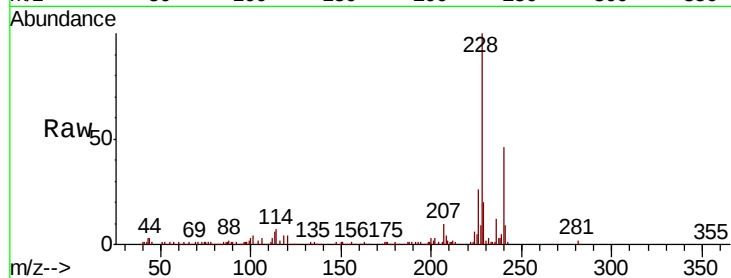
Tgt Ion:228 Resp: 137701

Ion Ratio Lower Upper

228 100

226 26.0 27.3 40.9#

229 20.3 19.7 29.5



#83

Chrysene

Concen: 3.283 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.00 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

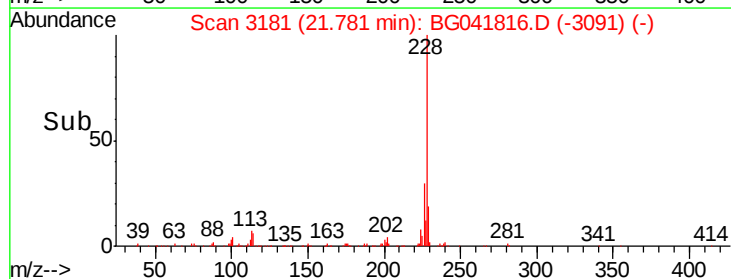
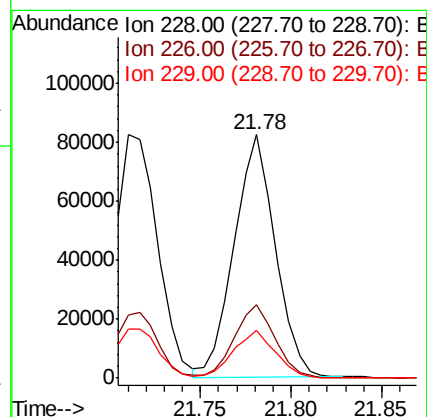
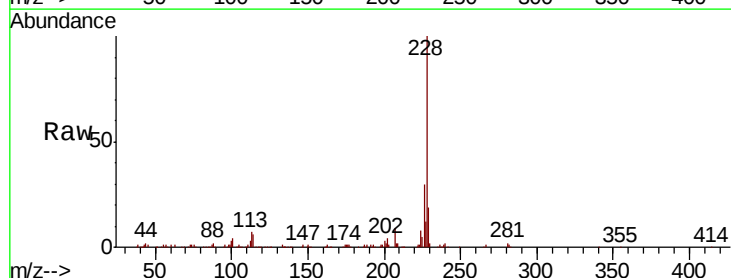
Tgt Ion:228 Resp: 129899

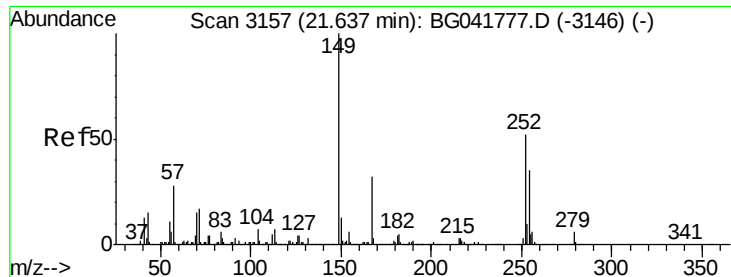
Ion Ratio Lower Upper

228 100

226 30.1 30.1 45.1

229 19.5 19.8 29.6#

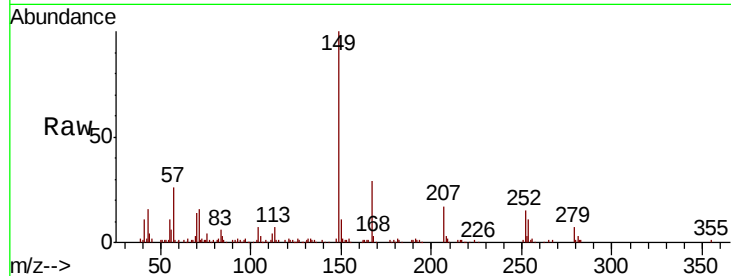




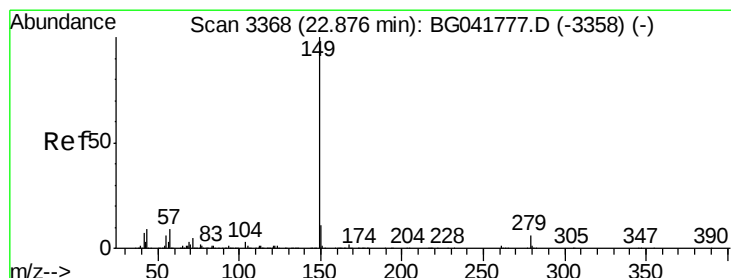
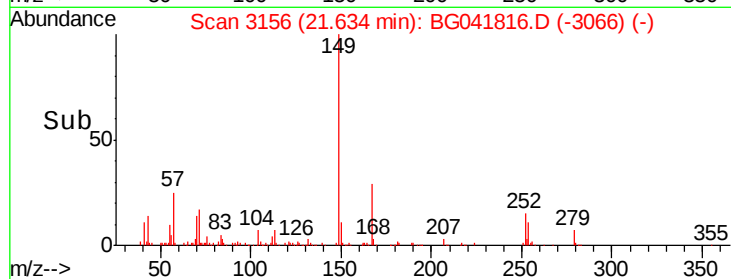
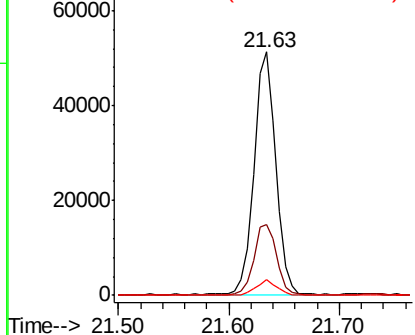
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.217 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: BG041816.D
 Acq: 31 Jul 2019 00:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Tgt Ion:149 Resp: 70315
 Ion Ratio Lower Upper
 149 100
 167 29.0 27.0 40.4
 279 6.5 5.0 7.6

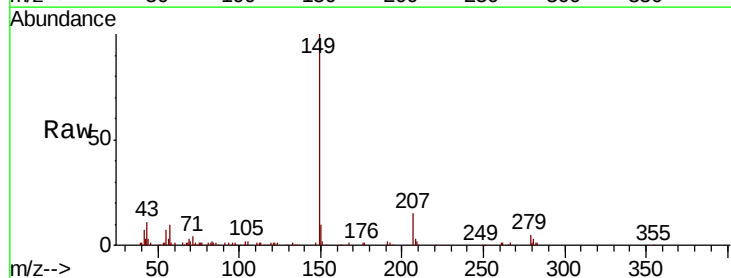


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

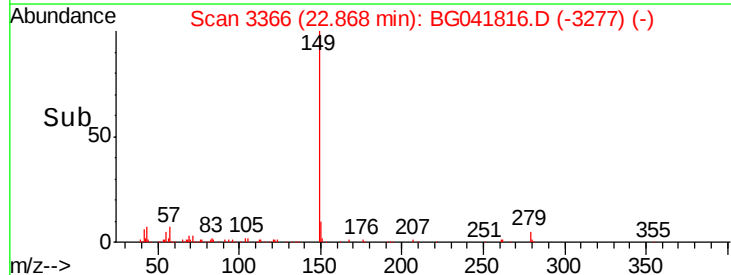
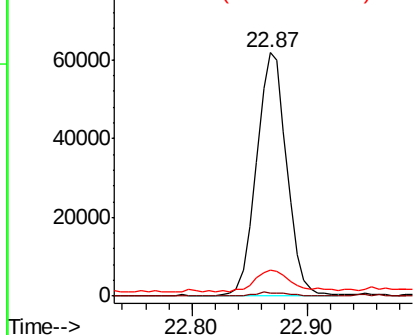


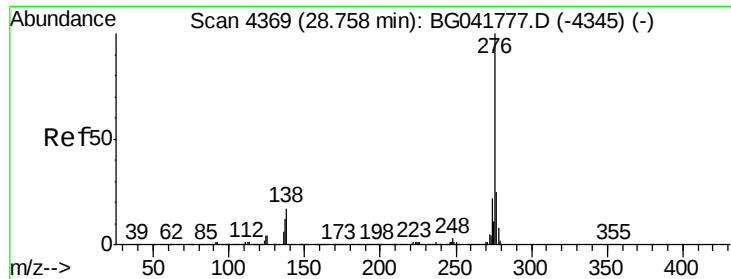
#85
 Di-n-octyl phthalate
 Concen: 3.068 ng
 RT: 22.87 min Scan# 3366
 Delta R.T. -0.01 min
 Lab File: BG041816.D
 Acq: 31 Jul 2019 00:25

Tgt Ion:149 Resp: 112851
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.6 2.4
 43 11.2 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: 2.866 ng

RT: 28.74 min Scan# 4365

Delta R.T. -0.02 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

Instrument :

BNA_G

ClientSampleId :

TP-9

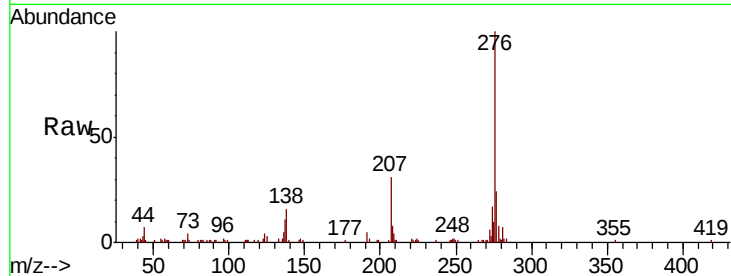
Tgt Ion:276 Resp: 150099

Ion Ratio Lower Upper

276 100

138 9.2 19.4 29.0#

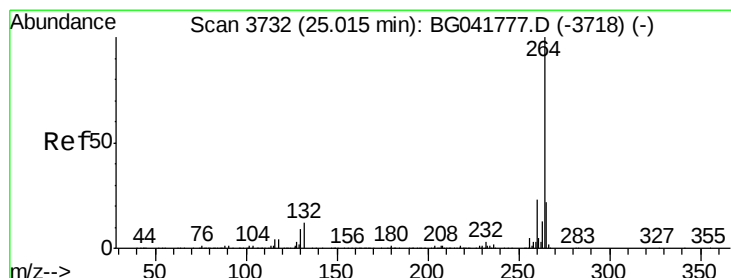
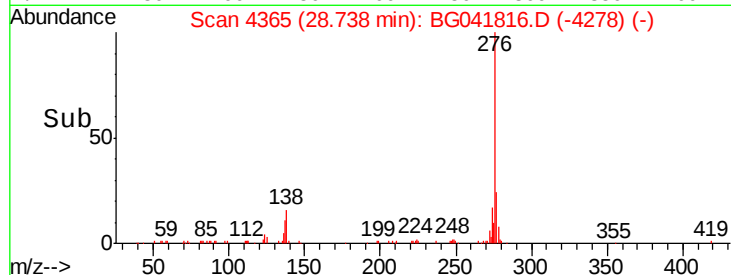
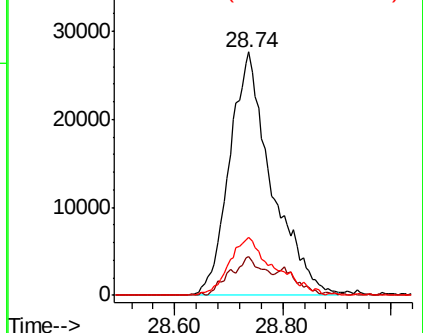
277 25.3 21.2 31.8



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

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3730

Delta R.T. -0.01 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

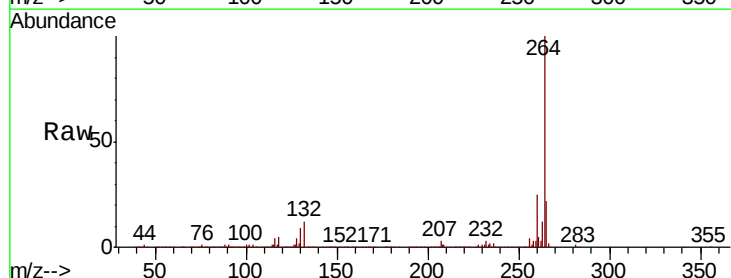
Tgt Ion:264 Resp: 804113

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

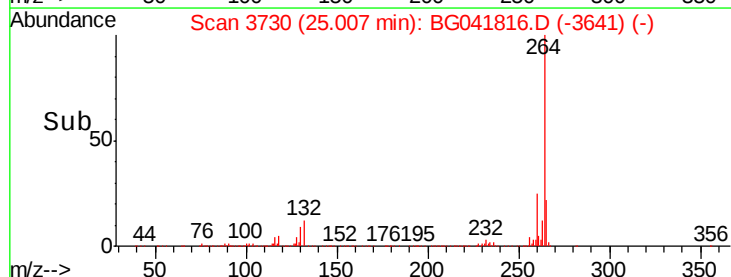
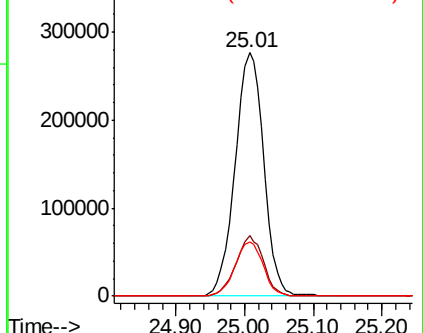
265 22.2 18.0 27.0

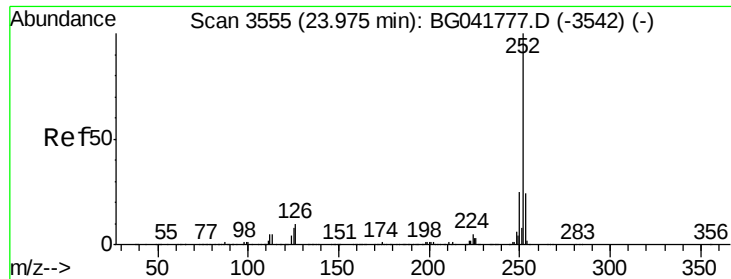


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 3.151 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

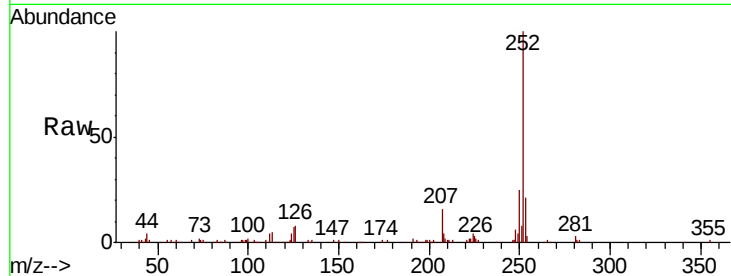
Instrument :

BNA_G

ClientSampleId :

TP-9

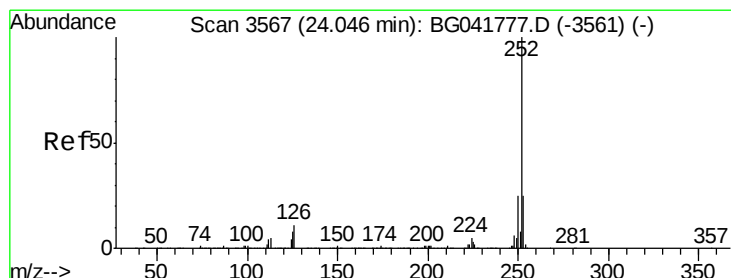
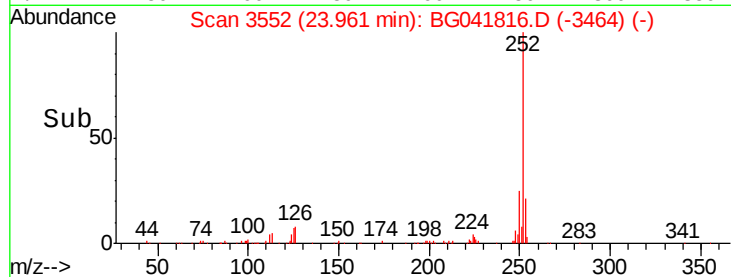
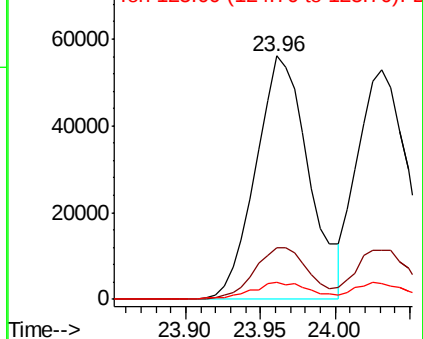
Tgt Ion:	252	Resp:	138607
Ion Ratio	Lower	Upper	
252	100		
253	21.2	20.6	30.8
125	6.8	8.0	12.0#



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: 2.926 ng

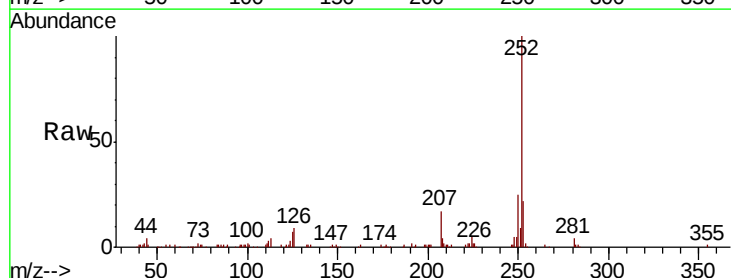
RT: 24.03 min Scan# 3564

Delta R.T. -0.01 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

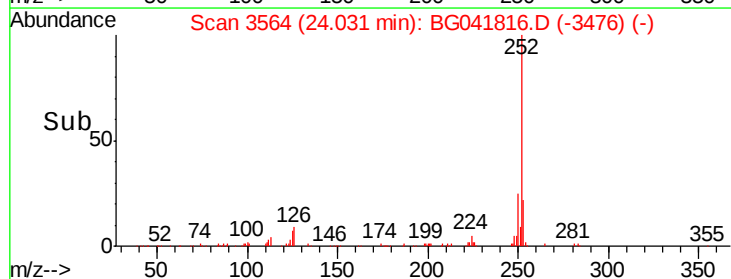
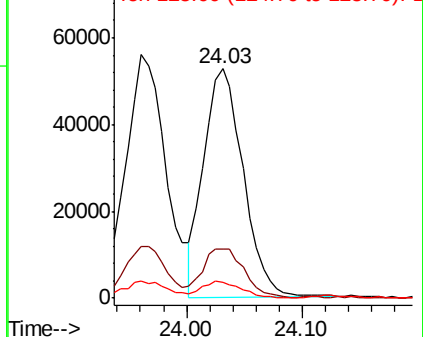
Tgt Ion:	252	Resp:	125385
Ion Ratio	Lower	Upper	
252	100		
253	21.6	20.5	30.7
125	6.8	8.4	12.6#

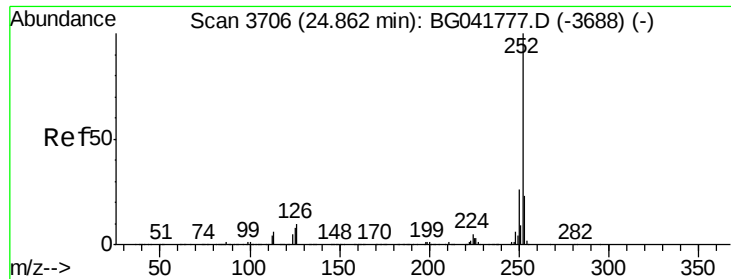


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 2.999 ng

RT: 24.85 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

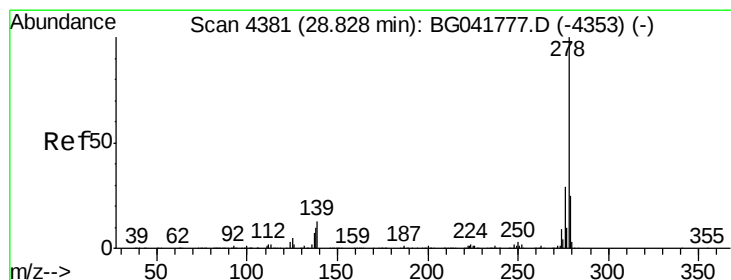
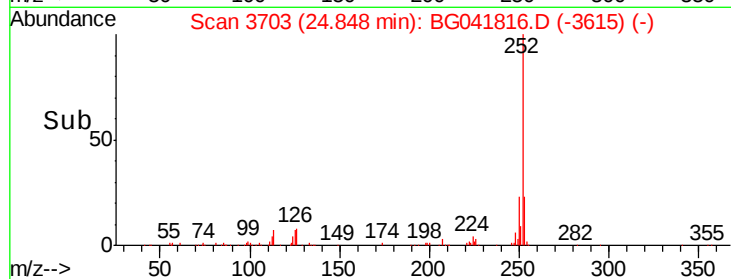
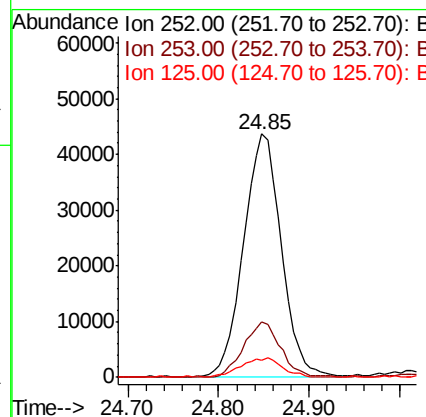
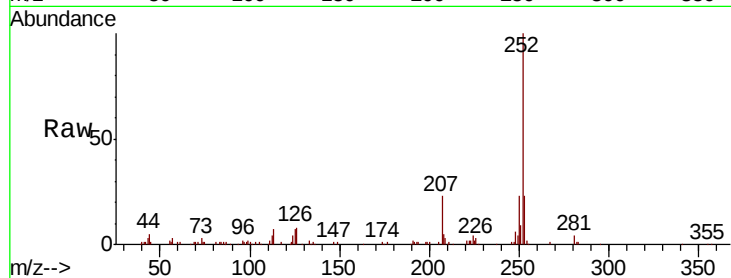
Instrument :

BNA_G

ClientSampleId :

TP-9

Tgt Ion:	252	Resp:	126521
Ion Ratio	Lower	Upper	
252	100		
253	22.5	19.8	29.8
125	7.1	8.8	13.2#



#91

Dibenzo(a,h)anthracene

Concen: 2.912 ng

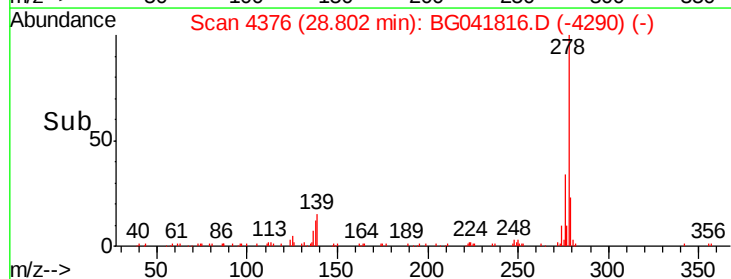
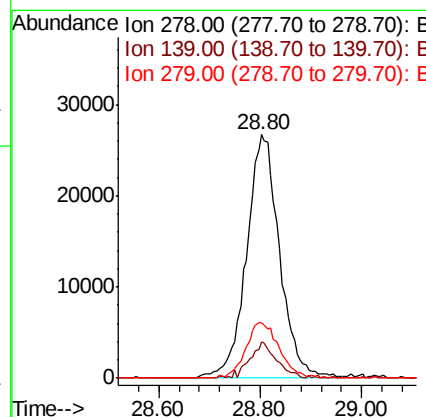
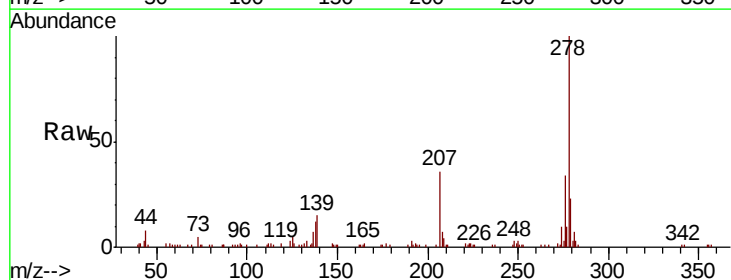
RT: 28.80 min Scan# 4376

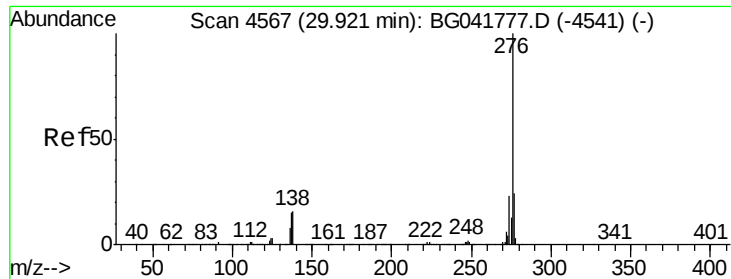
Delta R.T. -0.03 min

Lab File: BG041816.D

Acq: 31 Jul 2019 00:25

Tgt Ion:	278	Resp:	120617
Ion Ratio	Lower	Upper	
278	100		
139	14.8	12.6	19.0
279	22.6	20.5	30.7

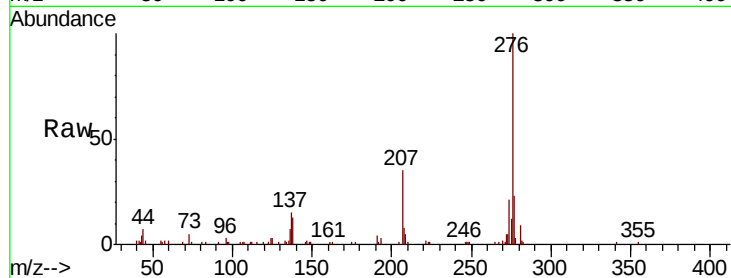




#92
 Benzo(g,h,i)perylene
 Concen: 2.921 ng
 RT: 29.88 min Scan# 4560
 Delta R.T. -0.04 min
 Lab File: BG041816.D
 Acq: 31 Jul 2019 00:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.8	29.8
138	12.7	16.6	25.0



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

