

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041822.D
 Acq On : 31 Jul 2019 4:14
 Operator : HP/JU
 Sample : K4021-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 31 07:00:22 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	59196	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	274397	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	273341	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	822421	20.00	ng	0.00
76) Chrysene-d12	21.74	240	660364	20.00	ng	0.00
87) Perylene-d12	25.01	264	783480	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	438491	144.12	ng	0.00
7) Phenol-d6	7.19	99	622401	151.74	ng	0.00
23) Nitrobenzene-d5	9.21	82	417250	104.64	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	619808	199.63	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1343701	86.70	ng	0.00
79) Terphenyl-d14	20.06	244	2779505	96.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	42702	29.819	ng	# 29
3) Pyridine	3.88	79	91514	23.304	ng	93
4) n-Nitrosodimethylamine	3.78	42	59280	38.080	ng	94
6) Aniline	7.36	93	117264	20.303	ng	96
8) 2-Chlorophenol	7.60	128	192413	55.228	ng	91
9) Benzaldehyde	7.17	77	50361	17.449	ng	93
10) Phenol	7.22	94	215365	50.469	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	156932	44.733	ng	92
12) 1,3-Dichlorobenzene	7.93	146	187825	41.307	ng	98
13) 1,4-Dichlorobenzene	8.08	146	194262	42.696	ng	98
14) 1,2-Dichlorobenzene	8.40	146	191029	44.000	ng	96
15) Benzyl Alcohol	8.28	79	175611	54.419	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	265514	42.541	ng	96
17) 2-Methylphenol	8.48	107	172569	55.606	ng	98
18) Hexachloroethane	9.14	117	66187	42.480	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	154366	51.836	ng	93
20) 3+4-Methylphenols	8.81	107	250843	59.065	ng	99
22) Acetophenone	8.86	105	293640	47.843	ng	# 93
24) Nitrobenzene	9.25	77	212599	50.610	ng	100
25) Isophorone	9.78	82	460636	53.106	ng	100
26) 2-Nitrophenol	9.97	139	119847	61.472	ng	93
27) 2,4-Dimethylphenol	10.03	122	215740	62.698	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	255834	47.198	ng	99
29) 2,4-Dichlorophenol	10.51	162	259340	61.891	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	232614	43.776	ng	97
31) Naphthalene	10.92	128	605705	48.231	ng	97
32) Benzoic acid	10.15	122	91209	39.086	ng	94
33) 4-Chloroaniline	11.02	127	22097	3.710	ng	96
34) Hexachlorobutadiene	11.21	225	141964	39.585	ng	98
35) Caprolactam	11.79	113	30539	20.971	ng	# 77
36) 4-Chloro-3-methylphenol	12.14	107	316946	76.293	ng	98
37) 2-Methylnaphthalene	12.52	142	534666	53.787	ng	99
38) 1-Methylnaphthalene	12.75	142	518837	55.077	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	336008	38.834	ng	99

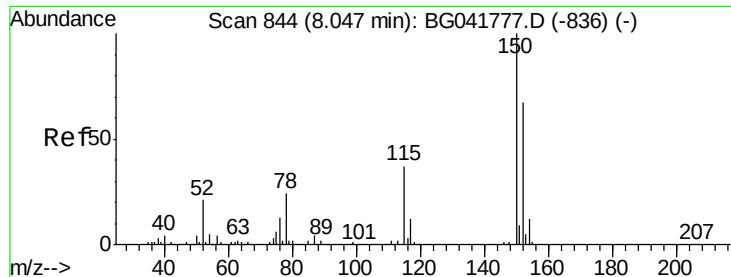
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041822.D
 Acq On : 31 Jul 2019 4:14
 Operator : HP/JU
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Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	339210	69.730	nq	97
43) 2,4,6-Trichlorophenol	13.13	196	278440	50.916	nq	99
44) 2,4,5-Trichlorophenol	13.20	196	330757	58.202	nq	95
46) 1,1'-Biphenyl	13.54	154	765876	43.587	nq	96
47) 2-Chloronaphthalene	13.58	162	624803	41.765	nq	97
48) 2-Nitroaniline	13.77	65	228251	60.158	nq	88
49) Acenaphthylene	14.42	152	1104463	49.356	nq	98
50) Dimethylphthalate	14.15	163	1056866	56.614	nq	99
51) 2,6-Dinitrotoluene	14.26	165	256735	65.770	nq	91
52) Acenaphthene	14.76	154	701267	48.183	nq	99
53) 3-Nitroaniline	14.59	138	45780	10.962	nq	# 88
54) 2,4-Dinitrophenol	14.80	184	280802	105.885	nq	89
55) Dibenzofuran	15.10	168	1148221	51.579	nq	96
56) 4-Nitrophenol	14.90	139	448921	141.619	nq	96
57) 2,4-Dinitrotoluene	15.06	165	393784	73.355	nq	92
58) Fluorene	15.75	166	998167	55.872	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	374354	66.510	nq	92
60) Diethylphthalate	15.52	149	1103307	60.199	nq	98
61) 4-Chlorophenyl-phenylether	15.74	204	576092	52.821	nq	95
62) 4-Nitroaniline	15.77	138	273092	60.375	nq	97
63) Azobenzene	16.04	77	832225	55.587	nq	94
65) 4,6-Dinitro-2-methylphenol	15.82	198	237084	57.343	nq	88
66) n-Nitrosodiphenylamine	15.96	169	1007017	44.952	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	438978	43.332	nq	97
68) Hexachlorobenzene	16.76	284	455281	42.957	nq	95
69) Atrazine	16.90	200	314958	35.783	nq	99
70) Pentachlorophenol	17.10	266	575310	95.554	nq	99
71) Phenanthrene	17.50	178	1848512	46.891	nq	99
72) Anthracene	17.59	178	1910208	48.586	nq	98
73) Carbazole	17.85	167	1744599	49.439	nq	99
74) Di-n-butylphthalate	18.42	149	2014310	50.351	nq	99
75) Fluoranthene	19.50	202	2230020	46.539	nq	98
78) Pyrene	19.87	202	2167236	55.392	nq	100
80) Butylbenzylphthalate	20.76	149	772082	51.469	nq	89
81) Benzo(a)anthracene	21.72	228	1853487	47.440	nq	98
82) 3,3'-Dichlorobenzidine	21.63	252	245554	15.654	nq	94
83) Chrysene	21.78	228	1809386	48.313	nq	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	1056379	51.052	nq	98
85) Di-n-octyl phthalate	22.87	149	1833038	52.637	nq	# 92
86) Indeno(1,2,3-cd)pyrene	28.76	276	2530587	51.043	nq	# 90
88) Benzo(b)fluoranthene	24.05	252	2054671	47.939	nq	98
89) Benzo(k)fluoranthene	24.05	252	2054671	49.214	nq	# 98
90) Benzo(a)pyrene	24.86	252	2091391	50.878	nq	# 98
91) Dibenzo(a,h)anthracene	28.83	278	2064468	51.149	nq	# 94
92) Benzo(g,h,i)perylene	29.93	276	2098671	52.044	nq	96

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

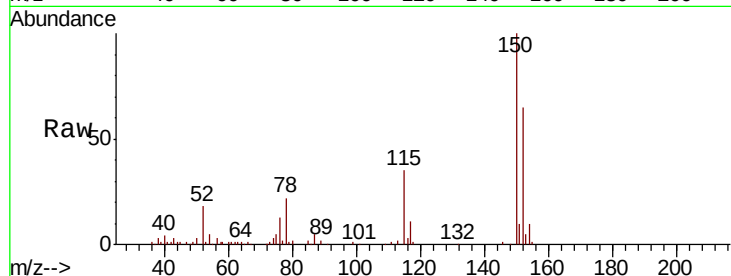


#1

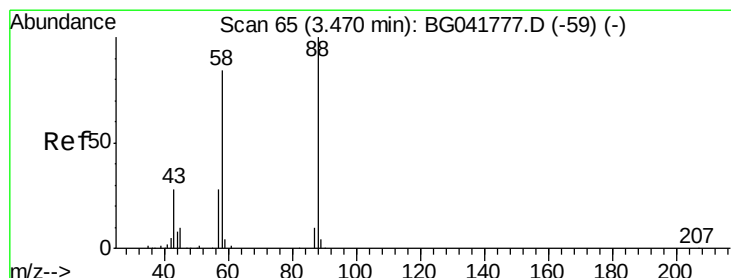
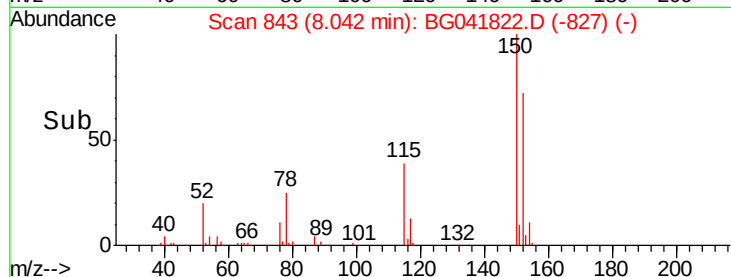
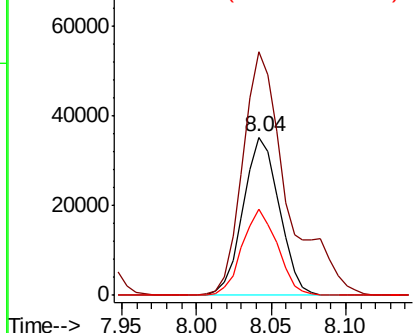
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.9	190.3
115	54.1	45.0	67.6



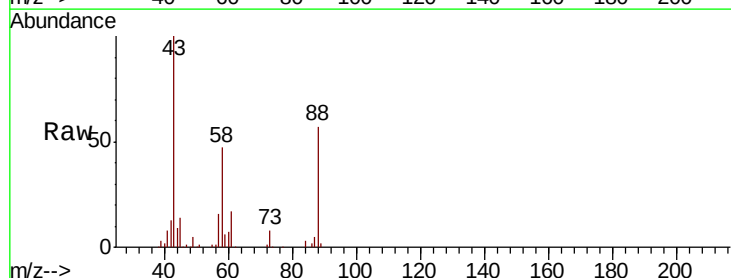
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



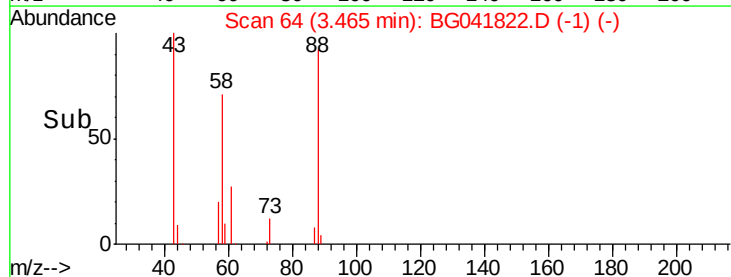
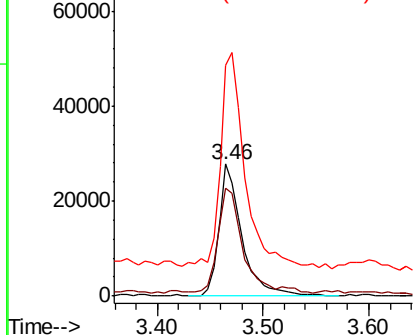
#2

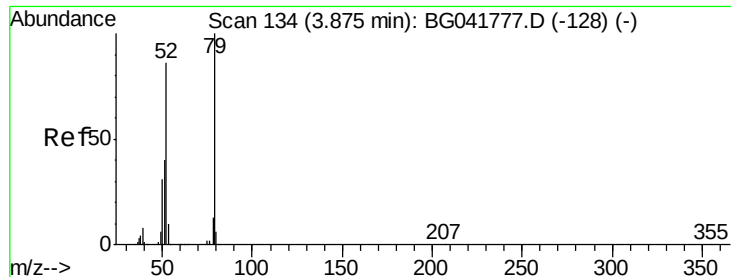
1,4-Dioxane
Concen: 29.819 ng
RT: 3.46 min Scan# 64
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.9	76.2	114.2
43	172.6	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

Pvridine

Concen: 23.304 ng

RT: 3.88 min Scan# 134

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampleId :

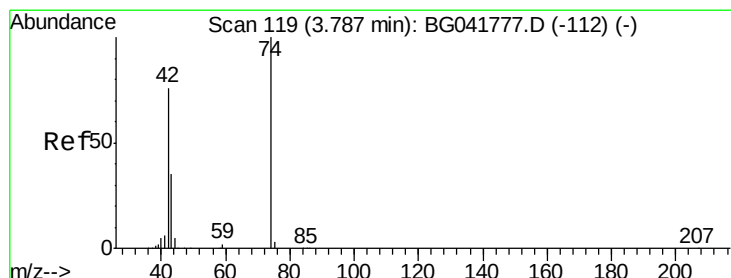
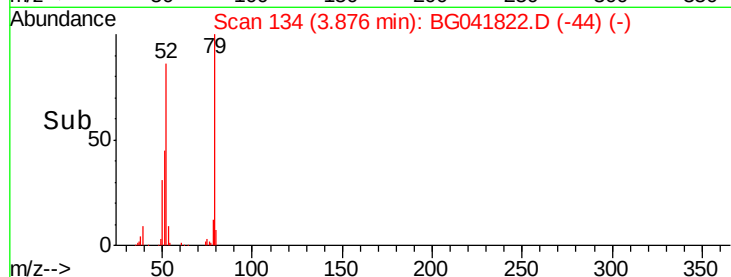
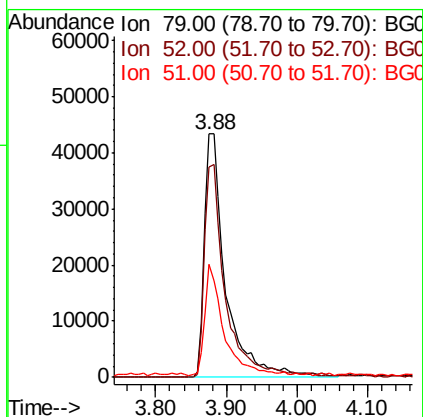
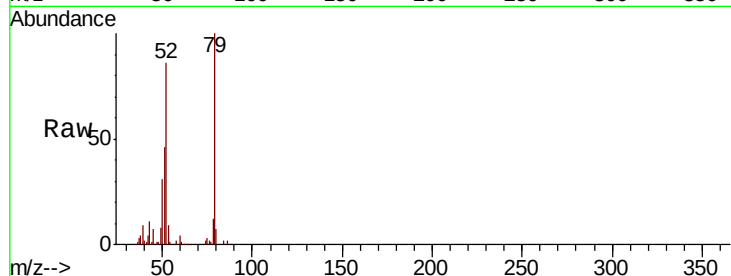
Tot Ion: 79 Resp: 91514

Ion Ratio Lower Upper

79 100

52 86.3 77.1 115.7

51 46.3 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 38.080 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

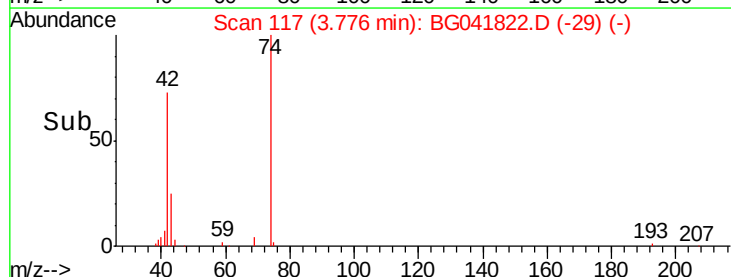
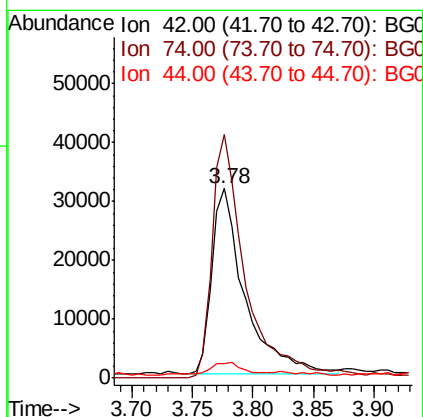
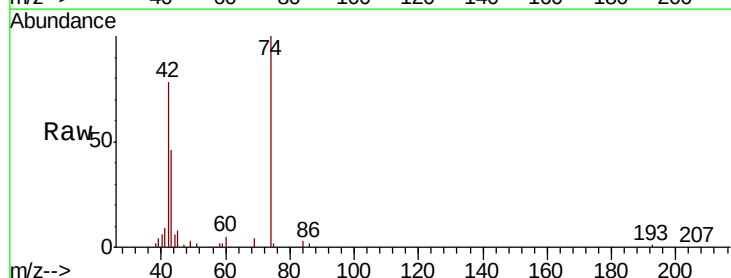
Tgt Ion: 42 Resp: 59280

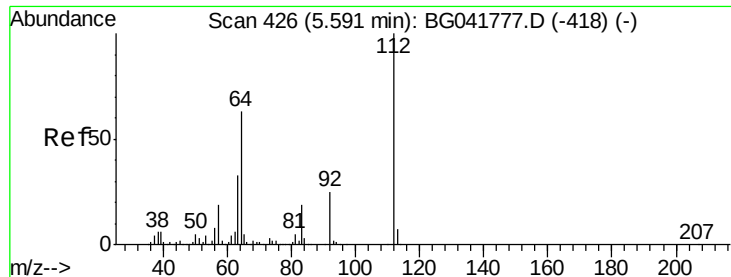
Ion Ratio Lower Upper

42 100

74 128.5 97.4 146.2

44 7.7 6.6 9.8





#5

2-Fluorophenol

Concen: 144.121 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampleId :

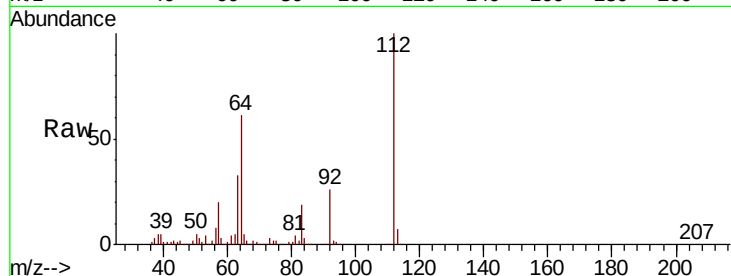
Tot Ion:112 Resp: 438491

Ion Ratio Lower Upper

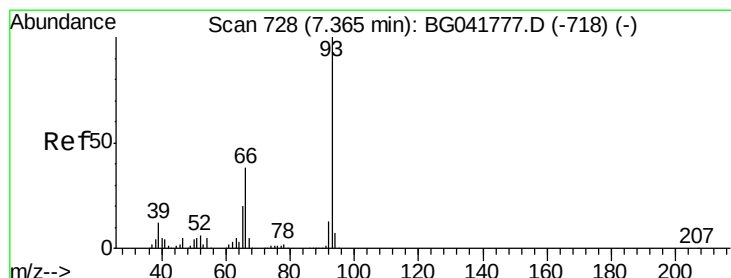
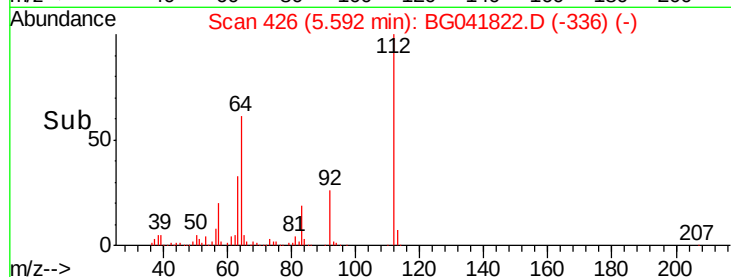
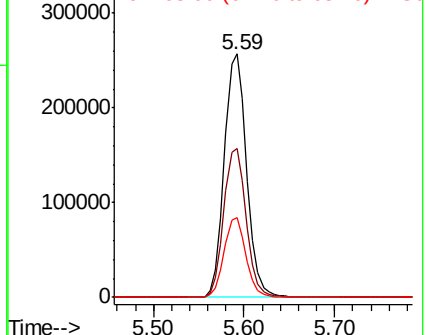
112 100

64 61.0 55.4 83.2

63 32.9 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



#6

Aniline

Concen: 20.303 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

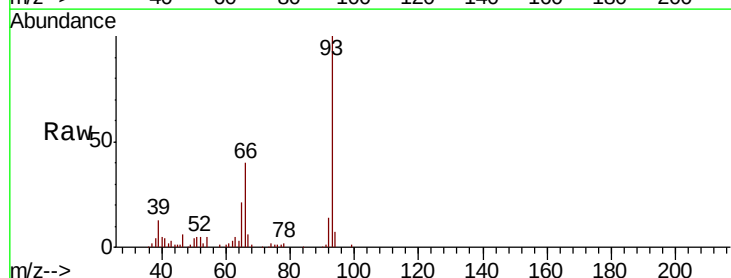
Tgt Ion: 93 Resp: 117264

Ion Ratio Lower Upper

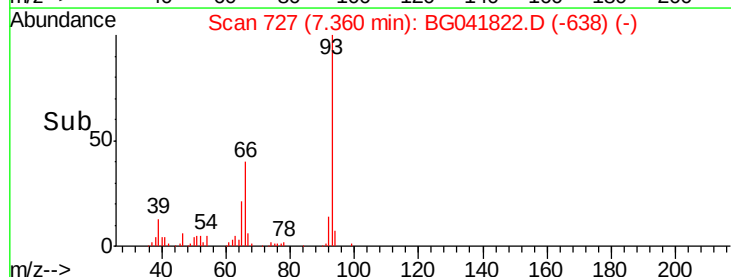
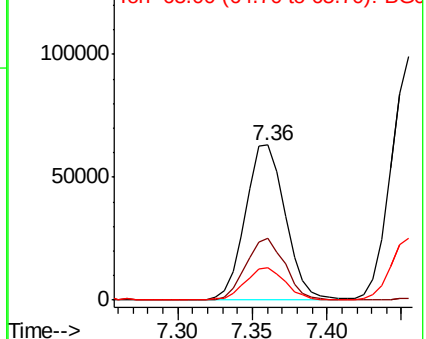
93 100

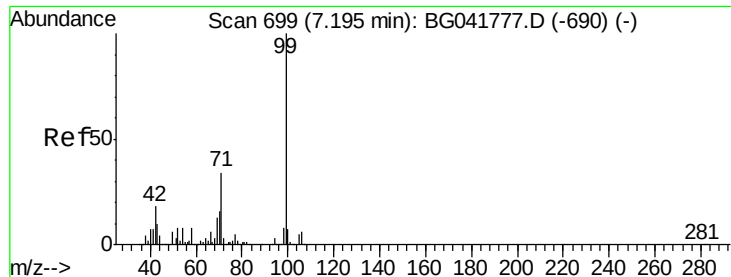
66 39.6 34.2 51.2

65 21.0 18.2 27.2



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.738 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampleId :

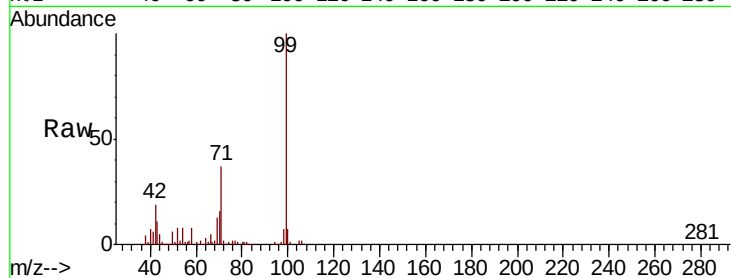
Tot Ion: 99 Resp: 622401

Ion Ratio Lower Upper

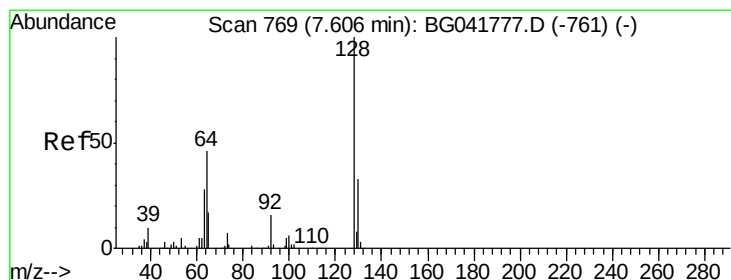
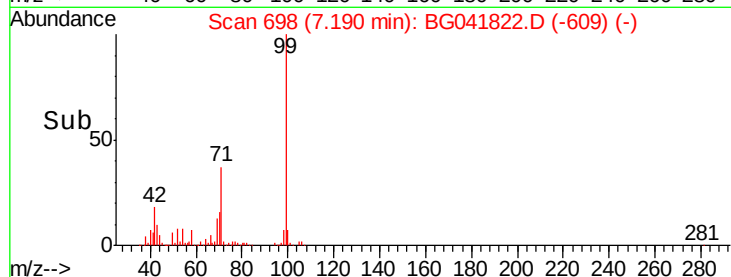
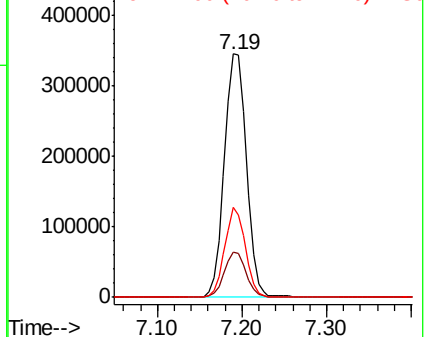
99 100

42 18.6 17.6 26.4

71 36.8 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: 55.228 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

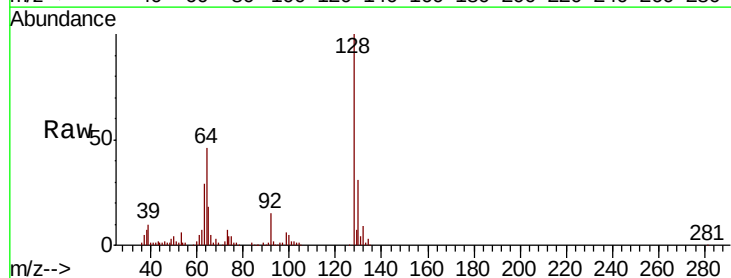
Tgt Ion: 128 Resp: 192413

Ion Ratio Lower Upper

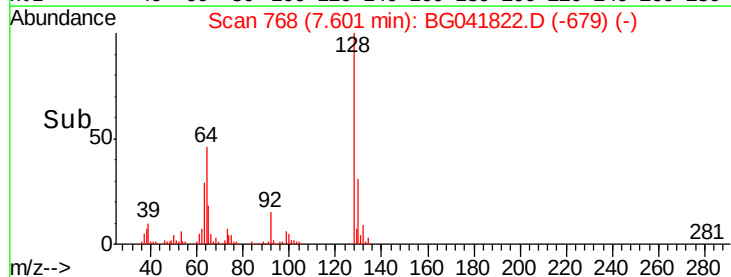
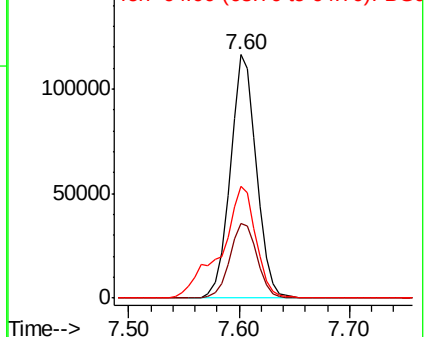
128 100

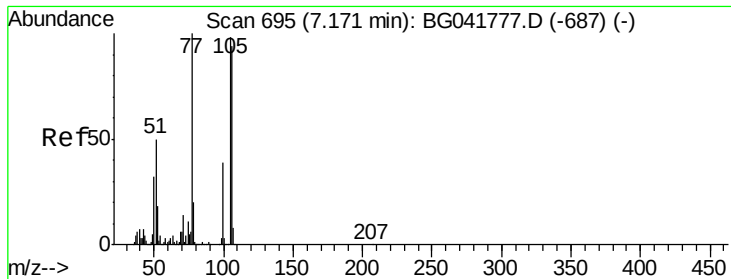
130 30.7 12.4 52.4

64 46.1 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: 17.449 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampleId :

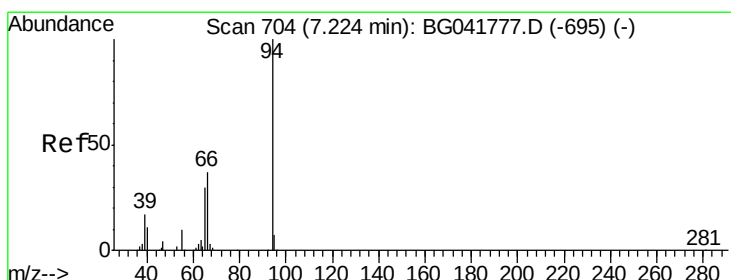
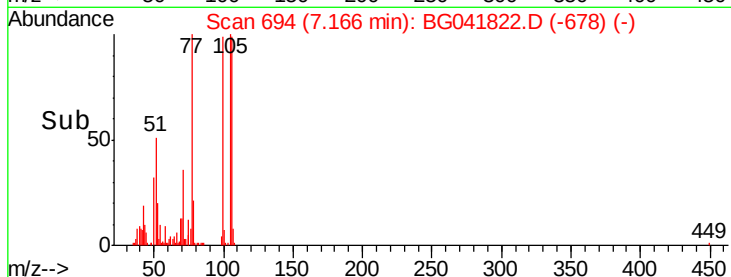
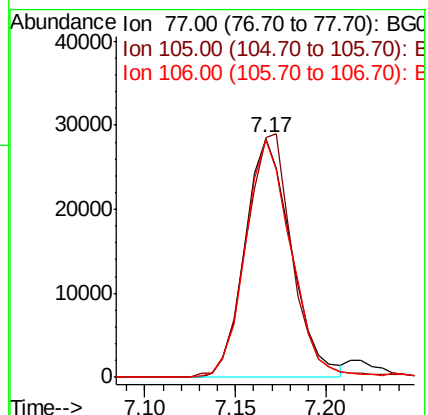
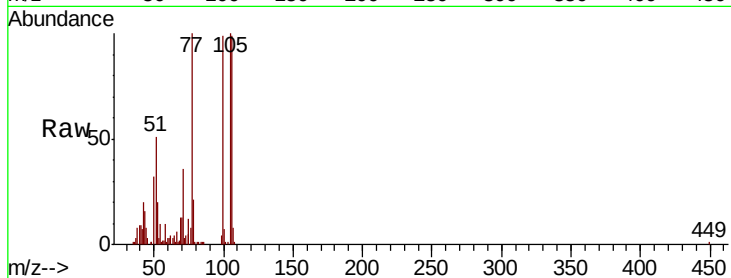
Tot Ion: 77 Resp: 50361

Ion Ratio Lower Upper

77 100

105 100.5 74.6 114.6

106 99.5 71.1 111.1



#10

Phenol

Concen: 50.469 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

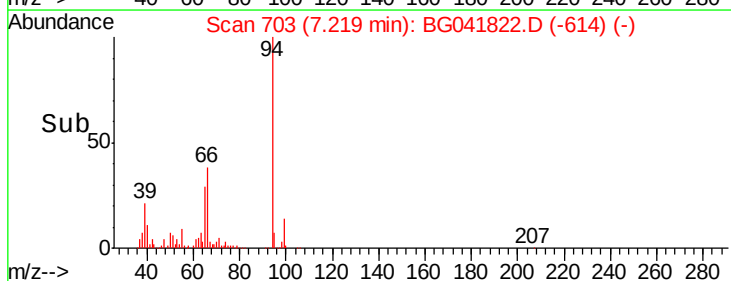
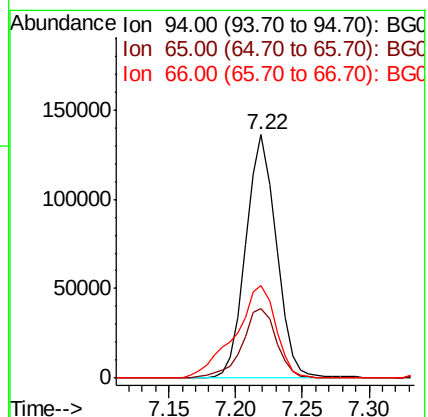
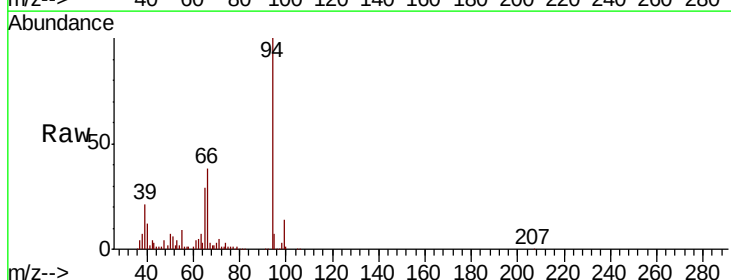
Tgt Ion: 94 Resp: 215365

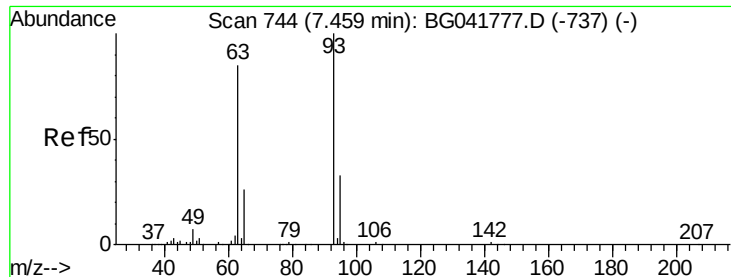
Ion Ratio Lower Upper

94 100

65 28.8 10.6 50.6

66 38.1 18.2 58.2

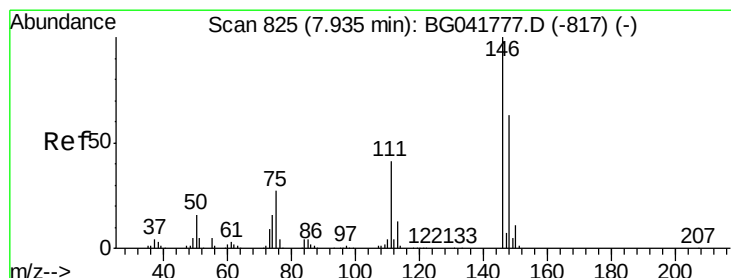
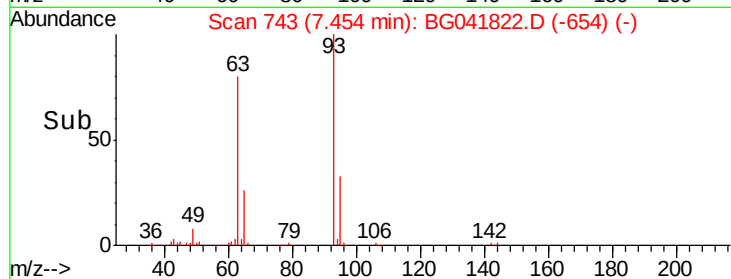
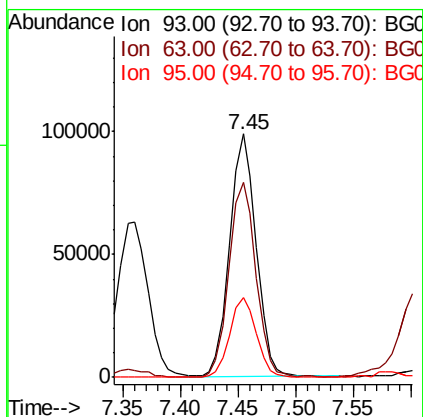
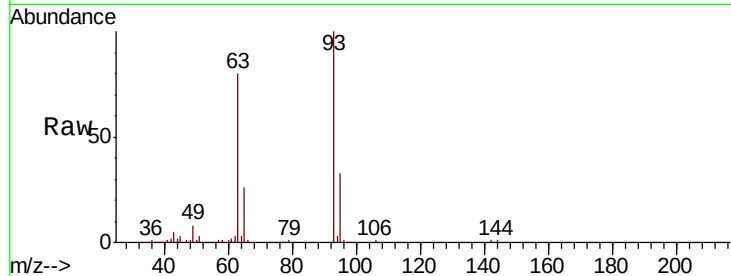




#11
bis(2-Chloroethyl)ether
Concen: 44.733 ng
RT: 7.45 min Scan# 743
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

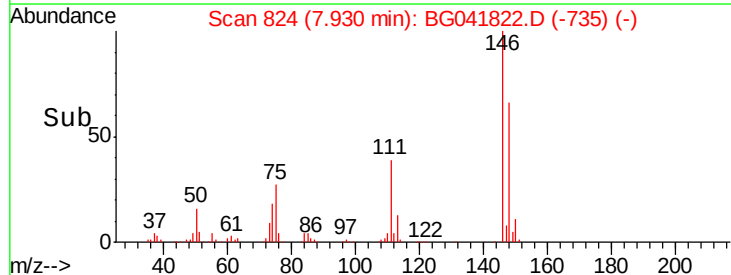
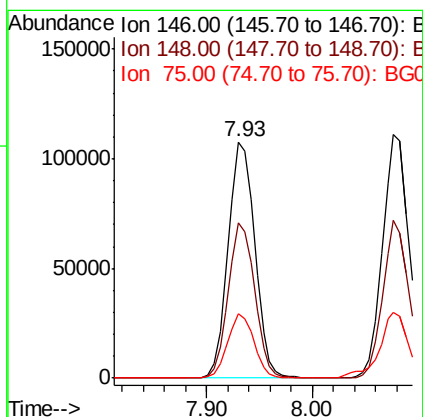
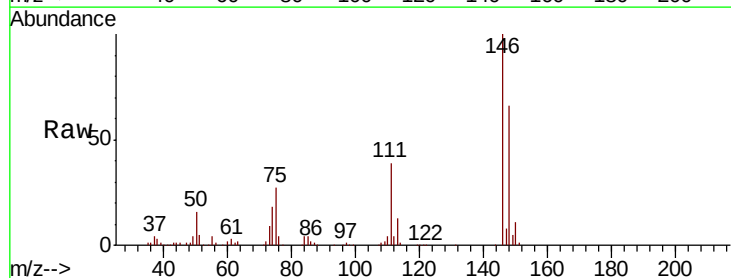
Instrument :
BNA_G
ClientSampled :

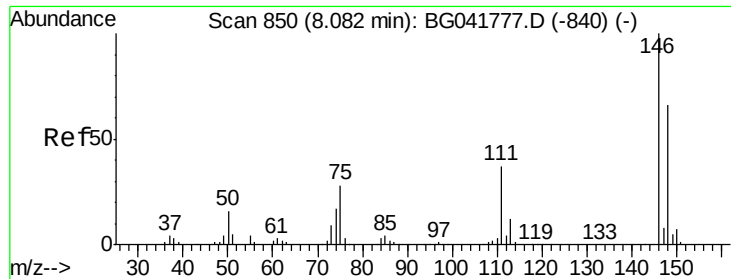
Tot Ion: 93 Resp: 156932
Ion Ratio Lower Upper
93 100
63 80.1 70.4 110.4
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.307 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion: 146 Resp: 187825
Ion Ratio Lower Upper
146 100
148 65.8 51.5 77.3
75 27.1 23.2 34.8

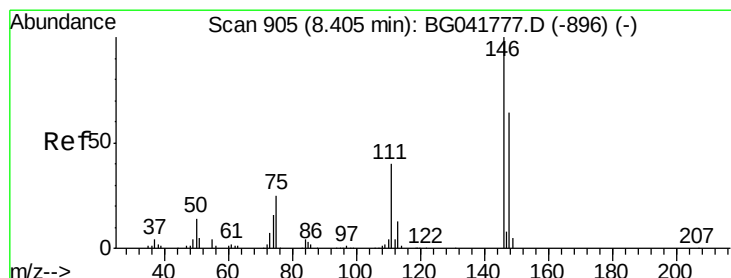
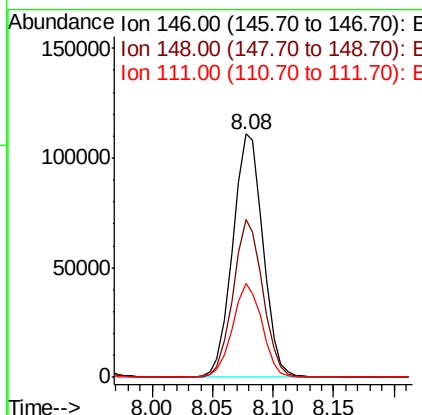
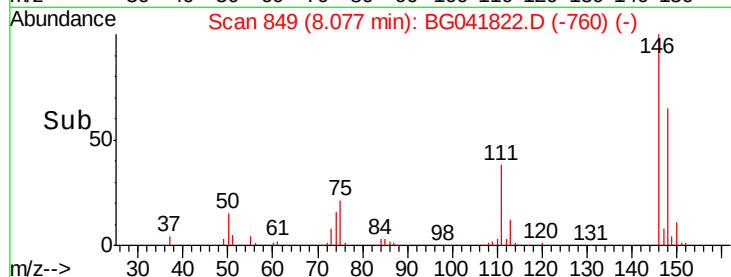
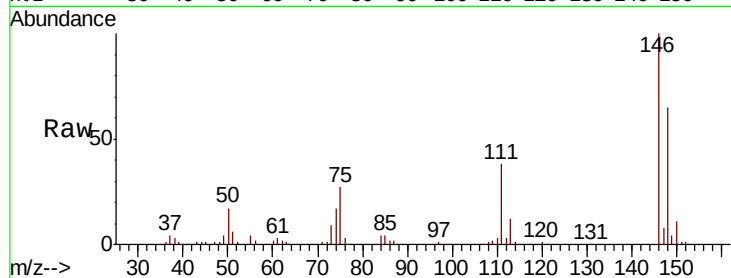




#13
 1,4-Dichlorobenzene
 Concen: 42.696 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

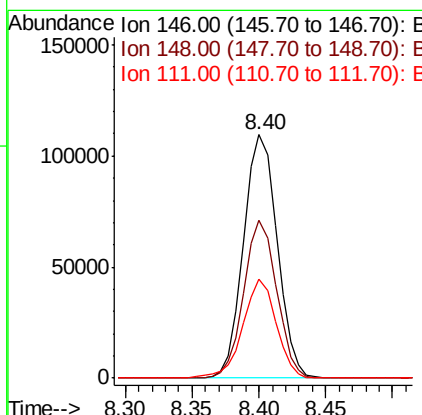
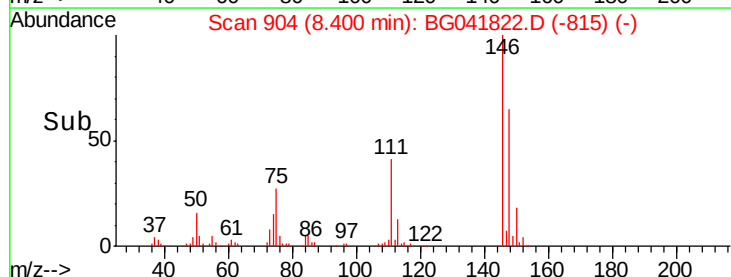
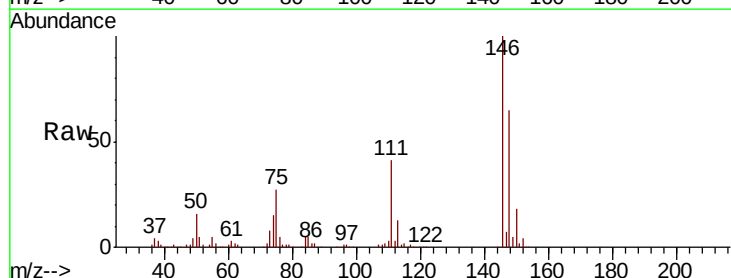
Instrument :
 BNA_G
 ClientSampled :

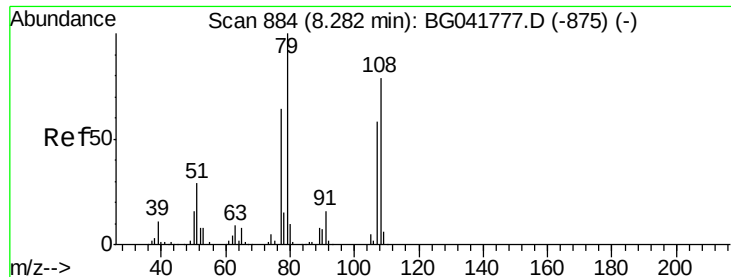
Tot Ion:146 Resp: 194262
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.6 79.0
 111 38.5 32.5 48.7



#14
 1,2-Dichlorobenzene
 Concen: 44.000 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Tgt Ion:146 Resp: 191029
 Ion Ratio Lower Upper
 146 100
 148 64.9 53.5 80.3
 111 40.8 35.4 53.0





#15

Benzyl Alcohol

Concen: 54.419 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampled :

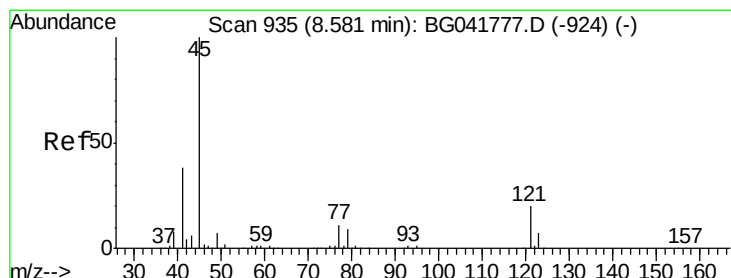
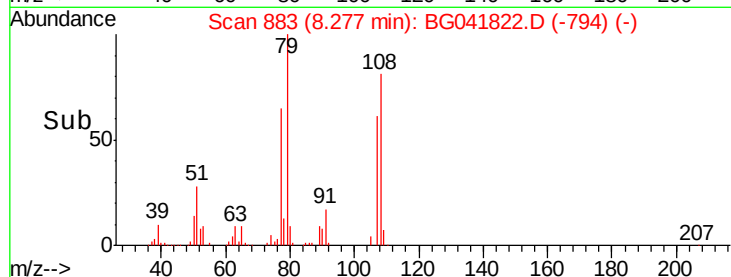
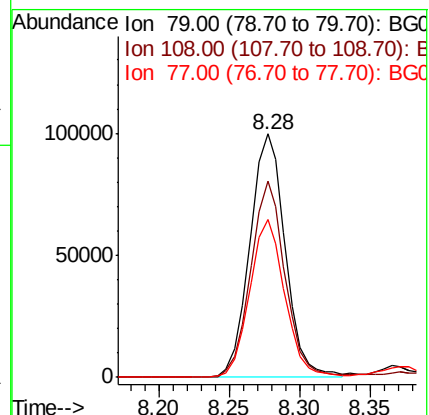
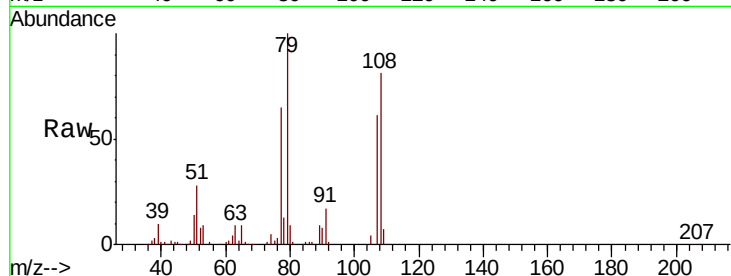
Tot Ion: 79 Resp: 175611

Ion Ratio Lower Upper

79 100

108 80.6 60.5 90.7

77 64.7 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.541 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

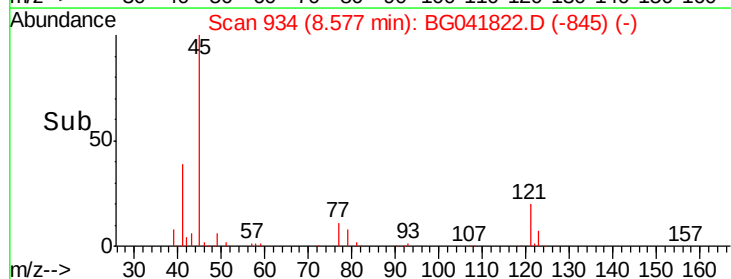
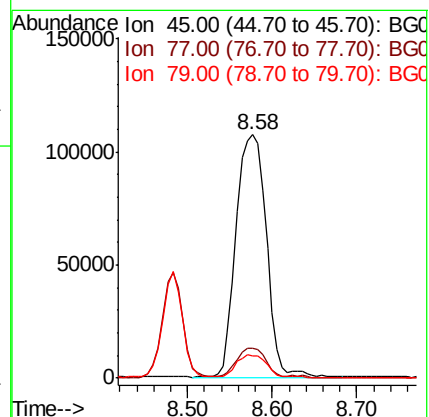
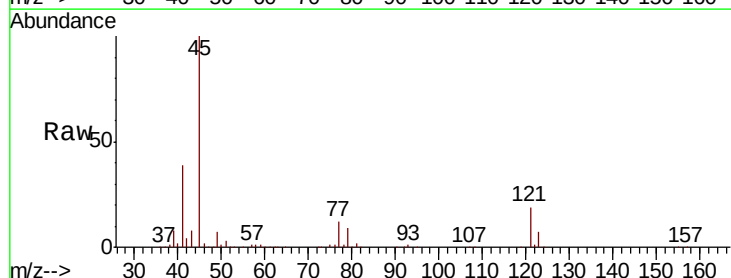
Tgt Ion: 45 Resp: 265514

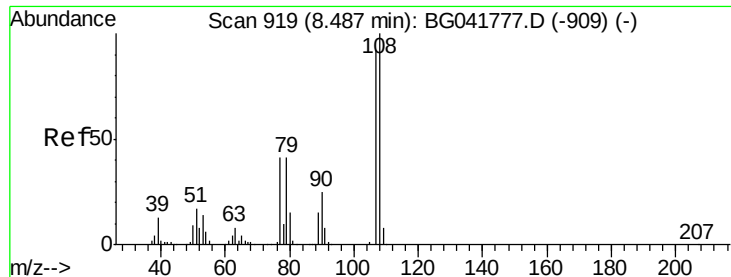
Ion Ratio Lower Upper

45 100

77 12.2 0.0 30.4

79 8.9 0.0 27.9

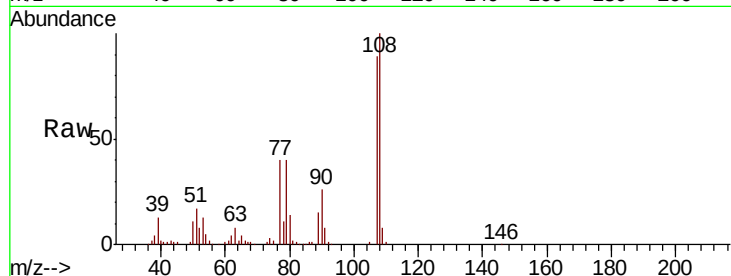




#17
2-Methylphenol
Concen: 55.606 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	87.6	131.4
77	45.3	36.1	54.1
79	45.5	36.4	54.6



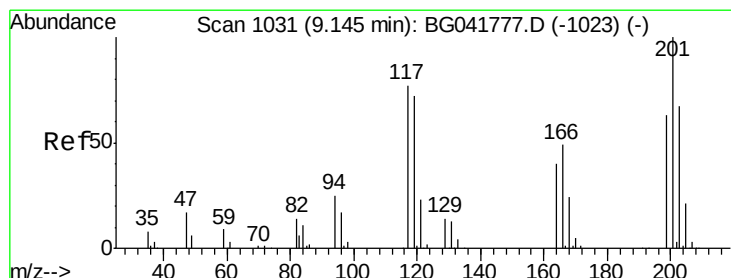
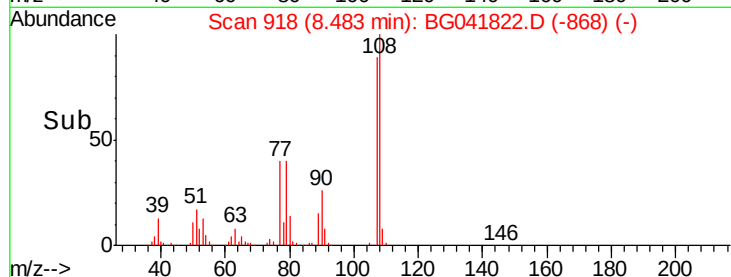
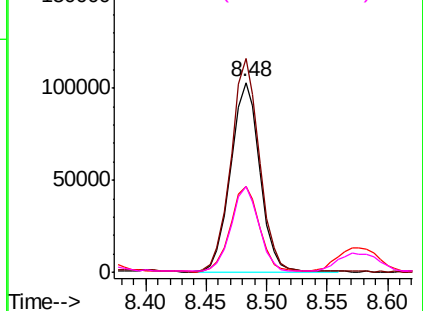
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

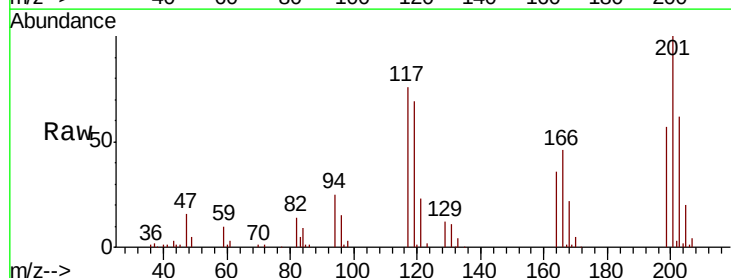
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 42.480 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.6	76.2	114.2
201	130.9	94.1	141.1

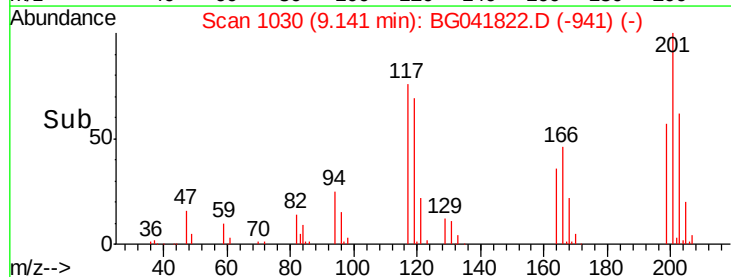
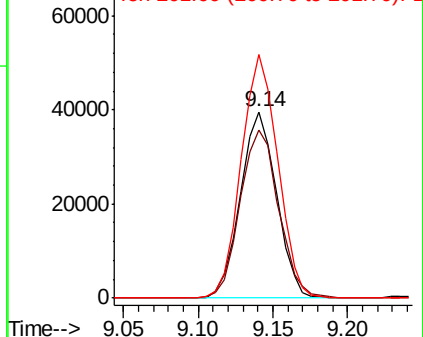


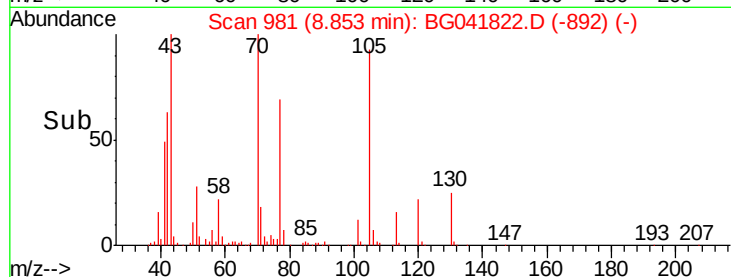
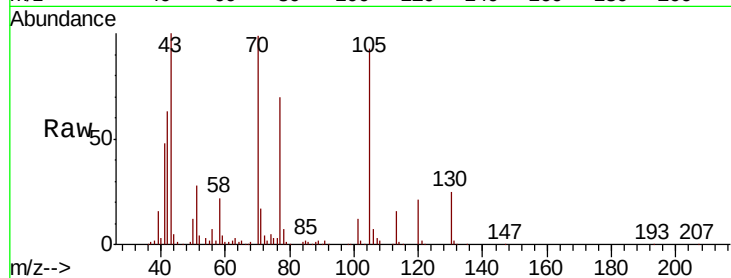
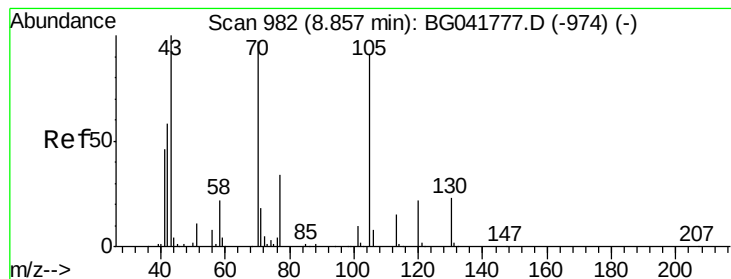
Abundance

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: 51.836 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 154366

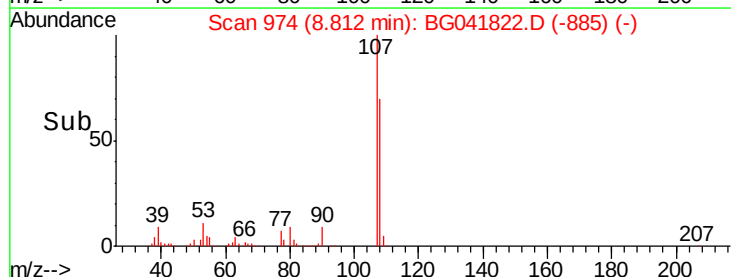
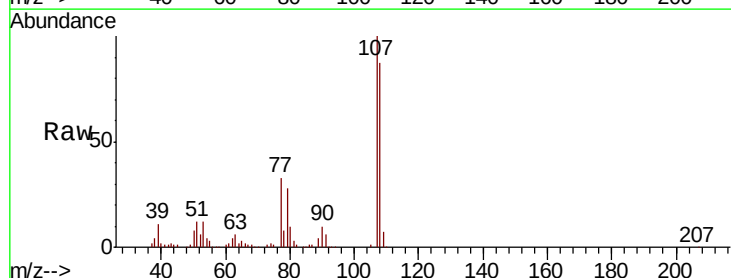
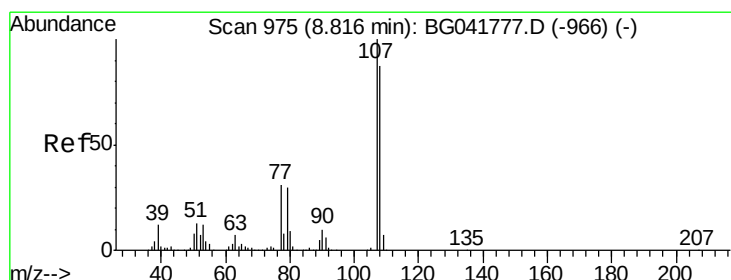
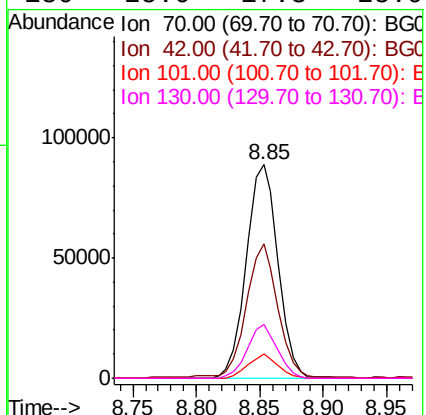
Ion Ratio Lower Upper

70 100

42 63.2 55.8 83.6

101 11.7 8.1 12.1

130 25.0 17.3 25.9



#20

3+4-Methylphenols

Concen: 59.065 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Tgt Ion: 107 Resp: 250843

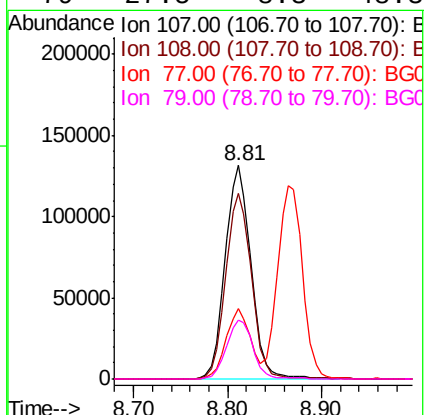
Ion Ratio Lower Upper

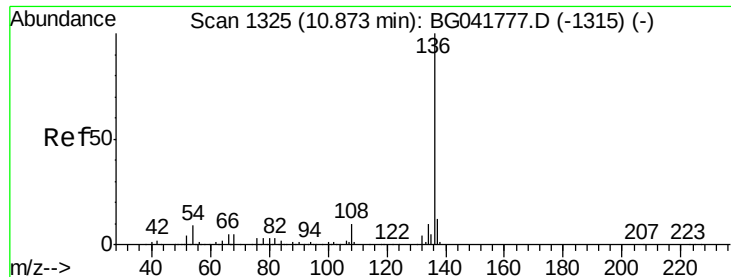
107 100

108 86.9 67.5 107.5

77 32.8 12.3 52.3

79 27.5 8.3 48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 274397

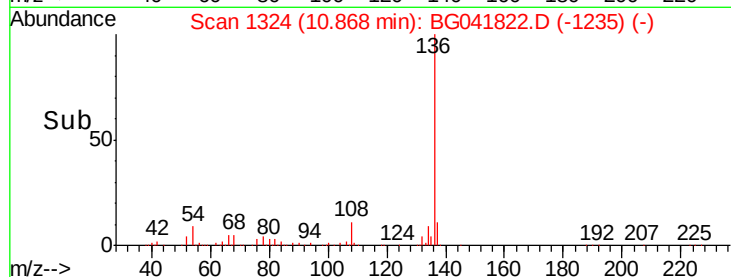
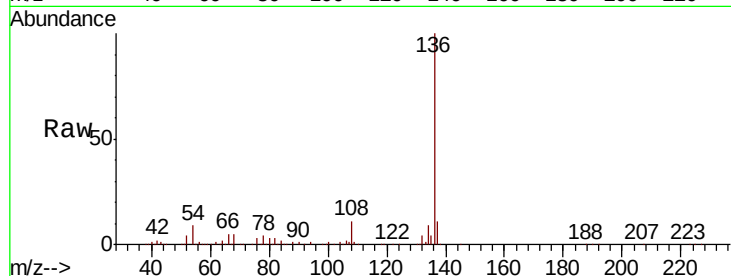
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 9.3 8.7 13.1

68 5.0 5.5 8.3#

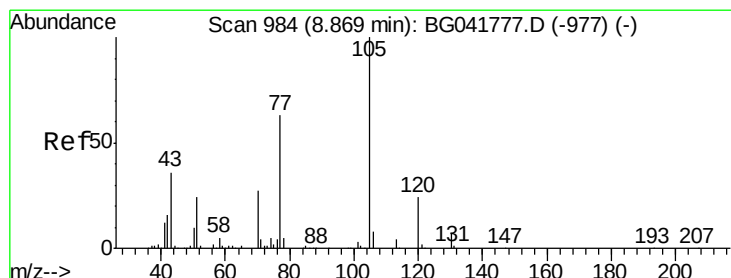
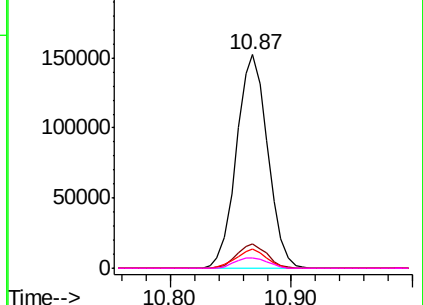


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.843 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Tgt Ion:105 Resp: 293640

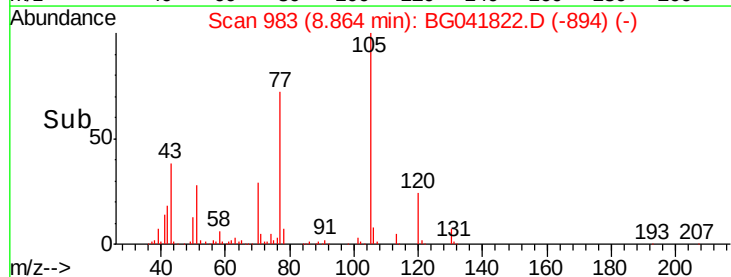
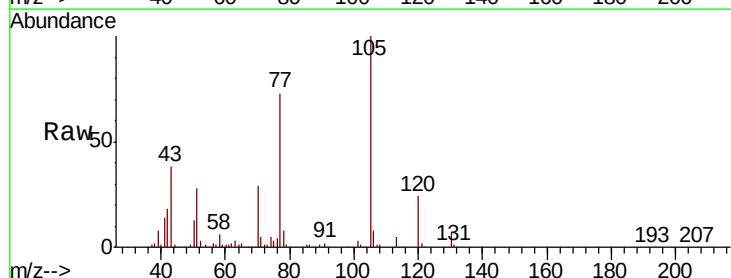
Ion Ratio Lower Upper

105 100

71 4.9 5.9 8.9#

51 28.1 27.7 41.5

120 24.5 19.3 28.9

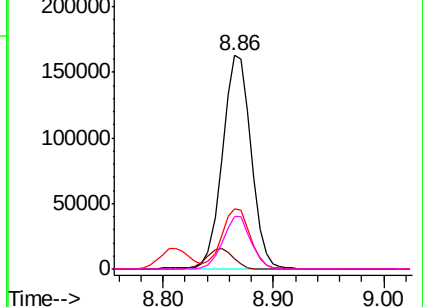


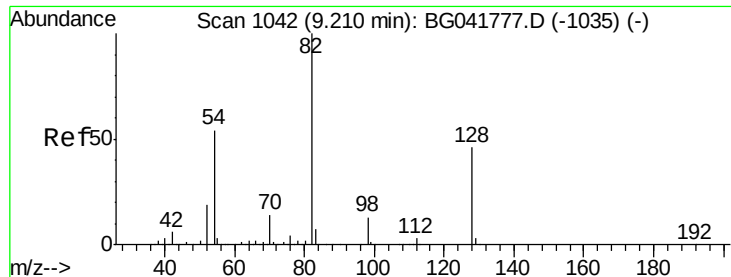
Abundance Ion 105.00 (104.70 to 105.70): E

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

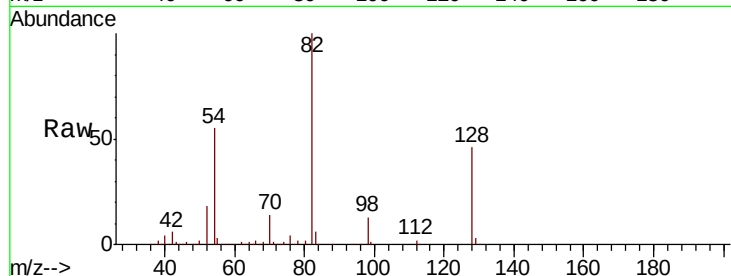




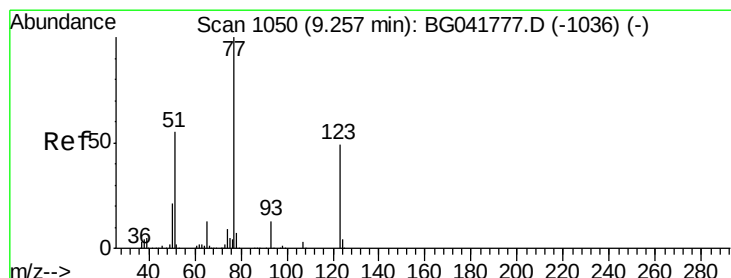
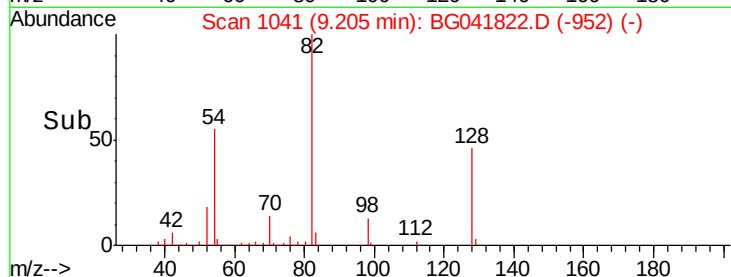
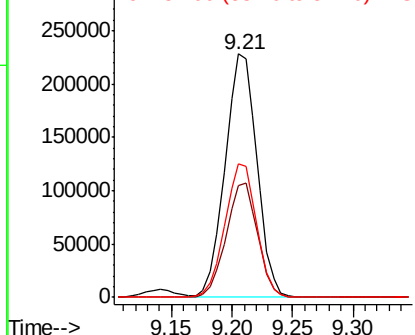
#23
Nitrobenzene-d5
Concen: 104.642 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 417250
Ion Ratio Lower Upper
82 100
128 46.0 35.1 52.7
54 54.8 48.7 73.1

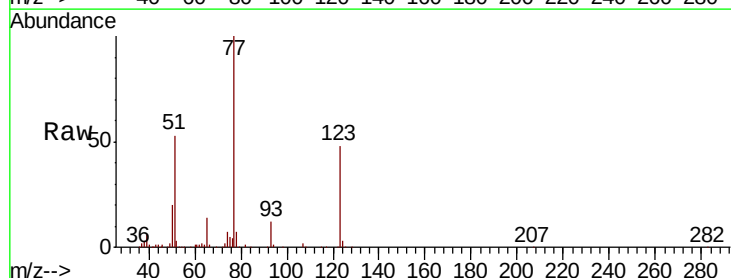


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

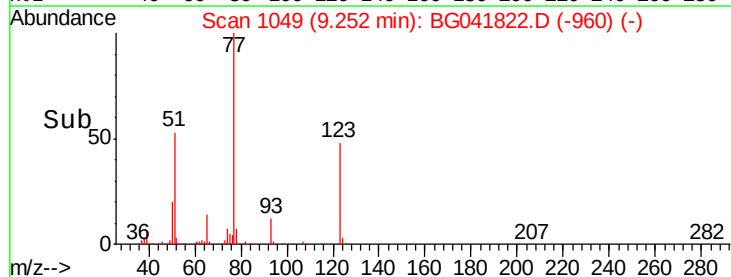
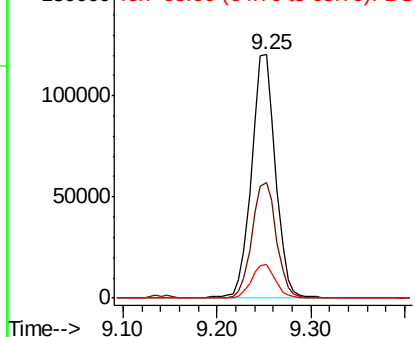


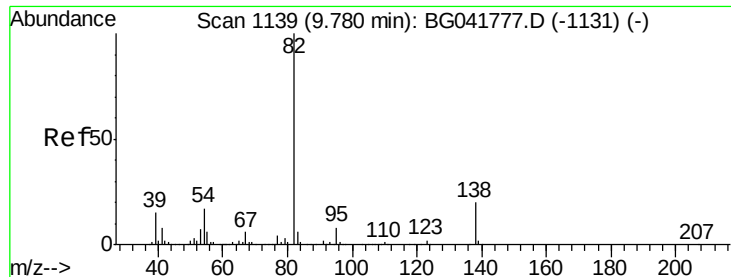
#24
Nitrobenzene
Concen: 50.610 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion: 77 Resp: 212599
Ion Ratio Lower Upper
77 100
123 47.6 38.1 57.1
65 13.6 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

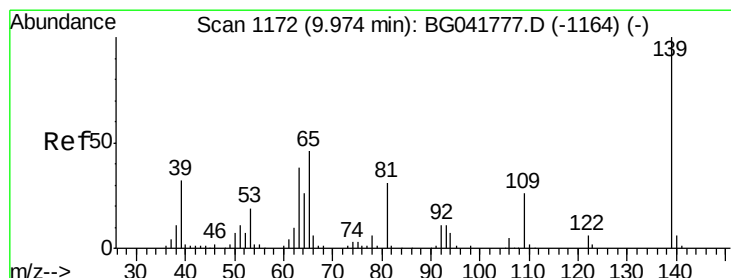
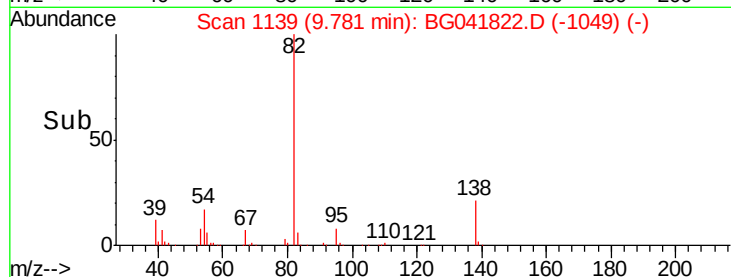
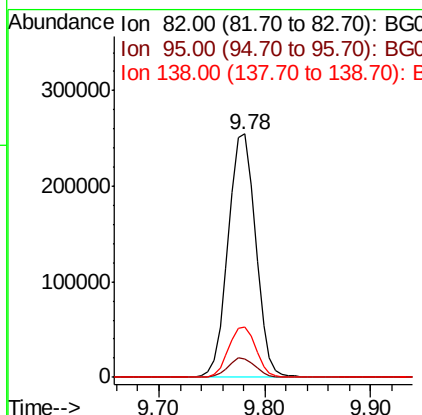
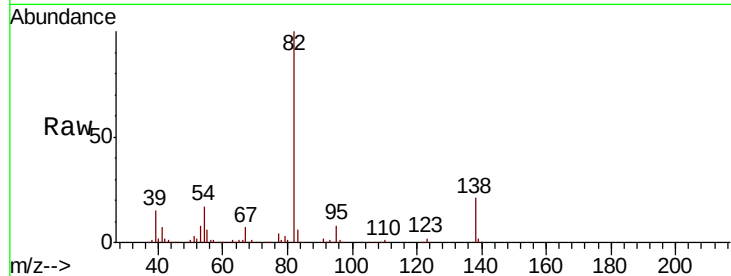




#25
Isophorone
Concen: 53.106 ng
RT: 9.78 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

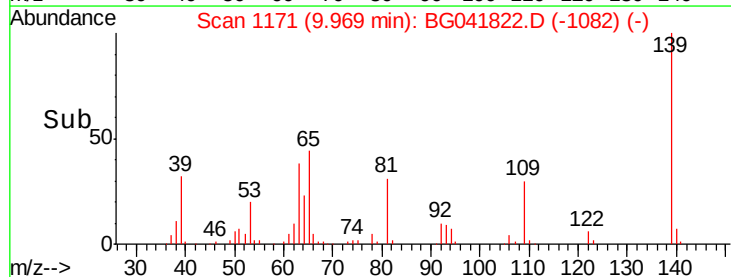
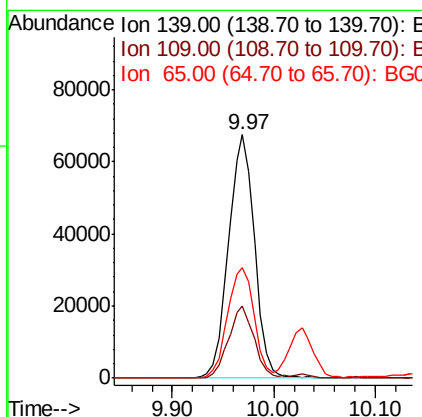
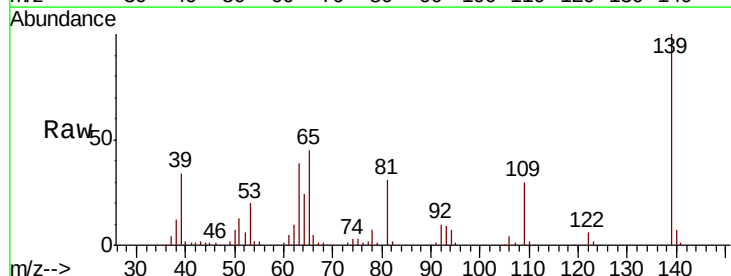
Instrument :
BNA_G
ClientSampleId :

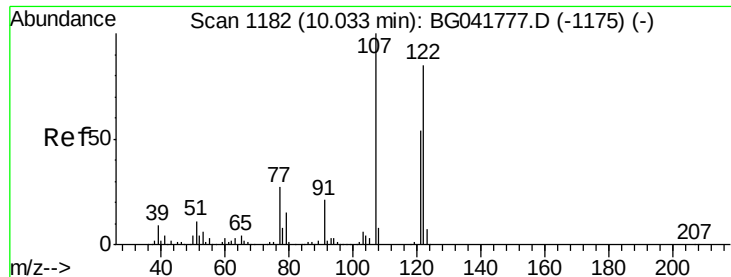
Tot Ion	82	Resp	460636
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.9	8.9
138	20.5	16.3	24.5



#26
2-Nitrophenol
Concen: 61.472 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	139	Resp	119847
Ion Ratio	Lower	Upper	
139	100		
109	29.7	22.7	34.1
65	45.2	41.1	61.7

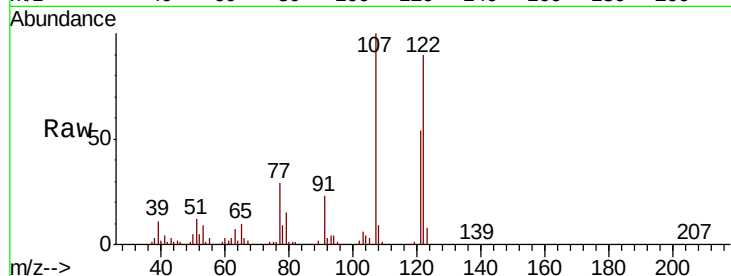




#27
2,4-Dimethylphenol
Concen: 62.698 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.2	91.3	136.9
121	59.6	49.2	73.8

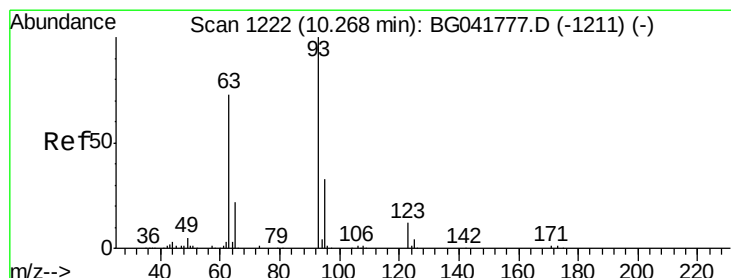
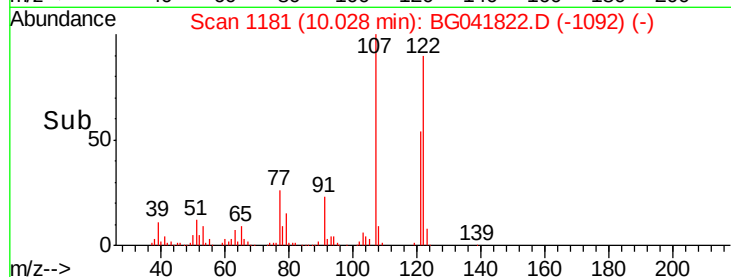
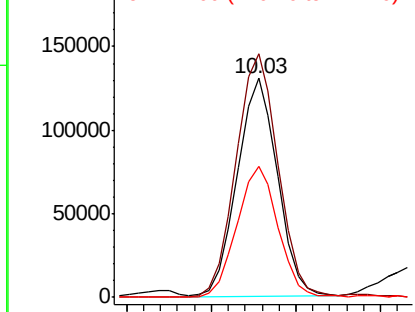


Abundance

Ion 122.00 (121.70 to 122.70): E

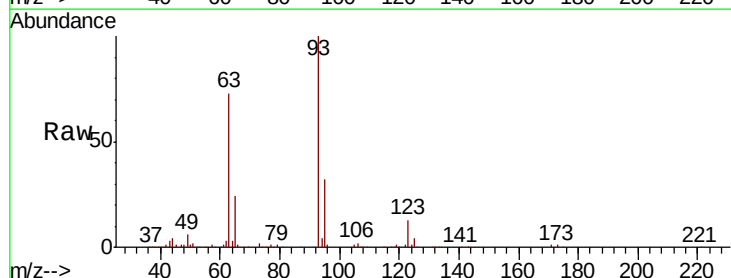
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 47.198 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.4
123	12.5	9.9	14.9

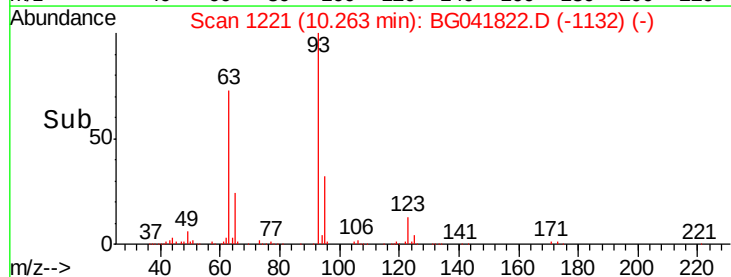
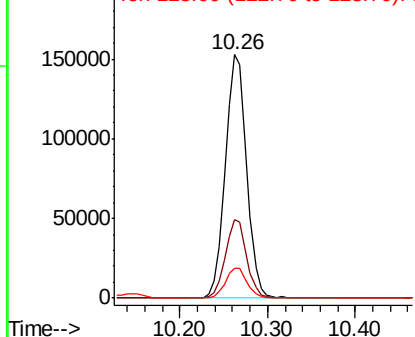


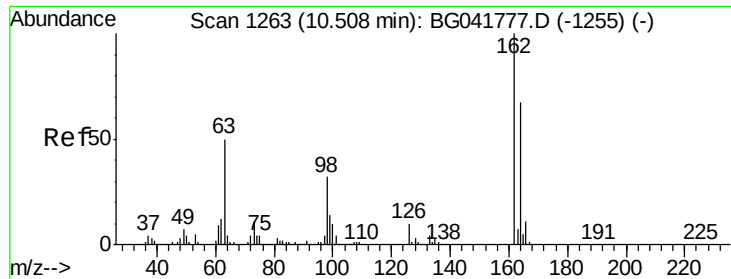
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

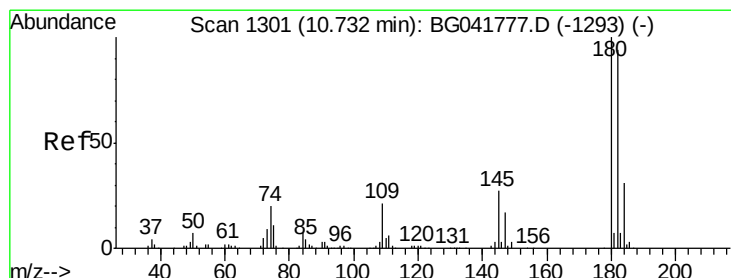
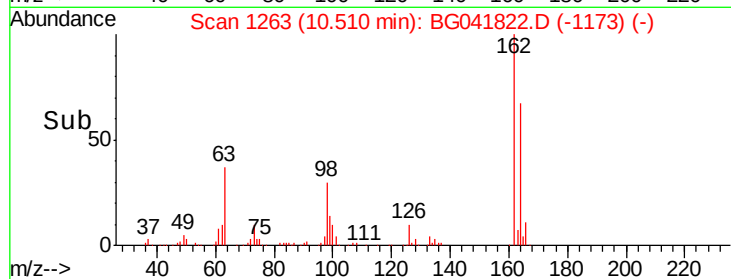
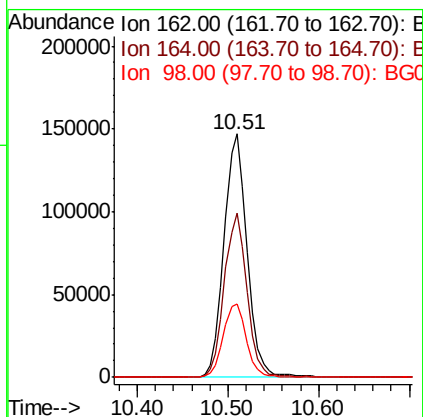
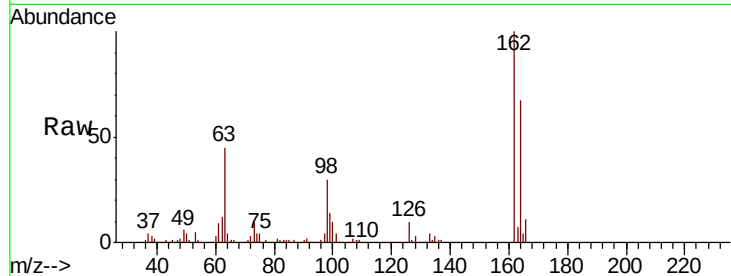




#29
2,4-Dichlorophenol
Concen: 61.891 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

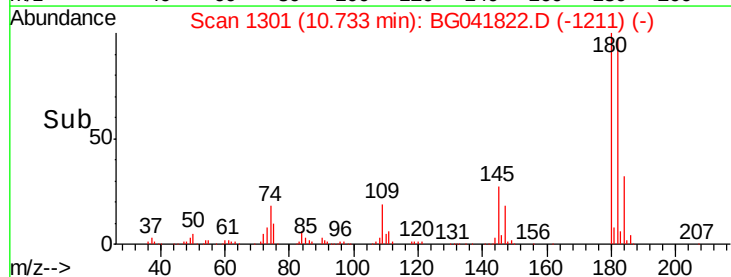
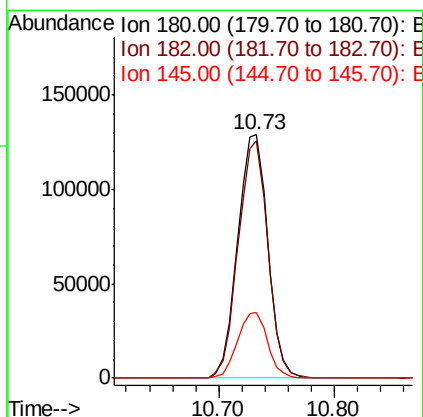
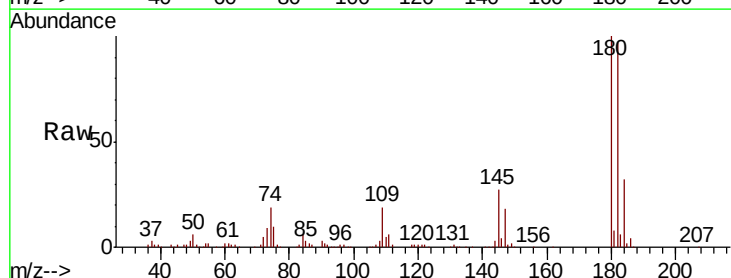
Instrument :
BNA_G
ClientSampleId :

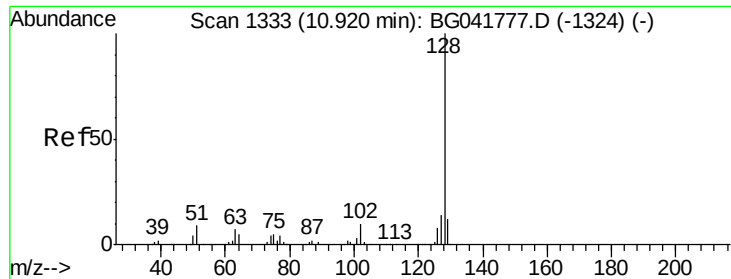
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.2	46.1	86.1
98	30.1	14.7	54.7



#30
1,2,4-Trichlorobenzene
Concen: 43.776 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.2	114.2
145	27.0	23.8	35.8

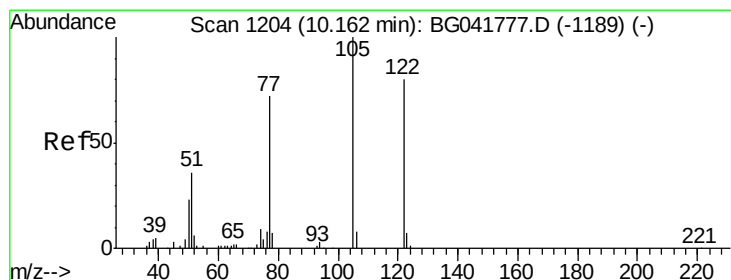
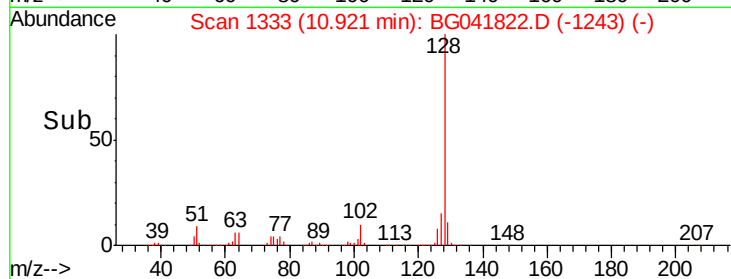
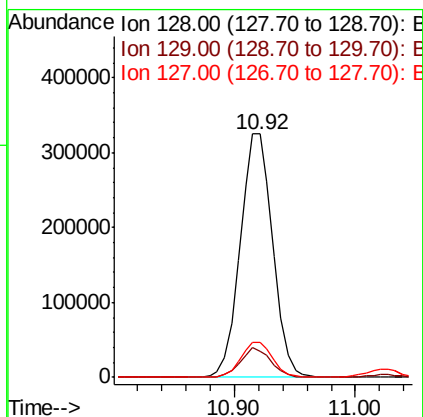
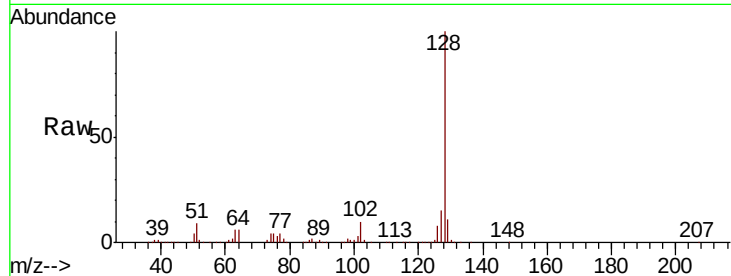




#31
Naphthalene
Concen: 48.231 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

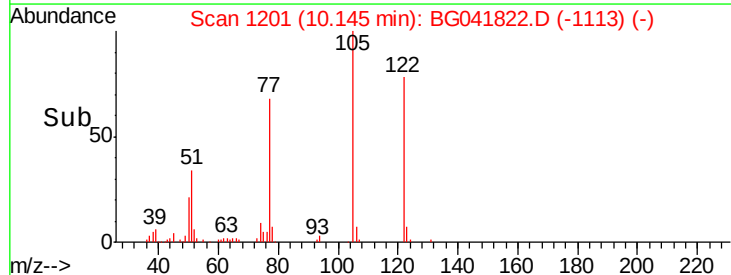
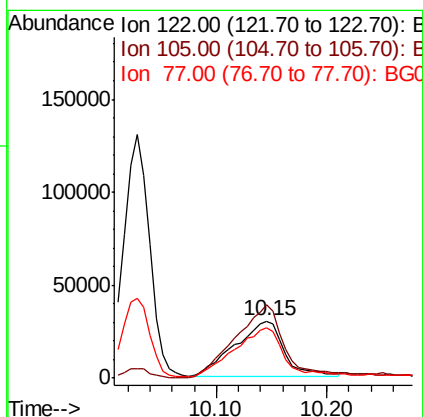
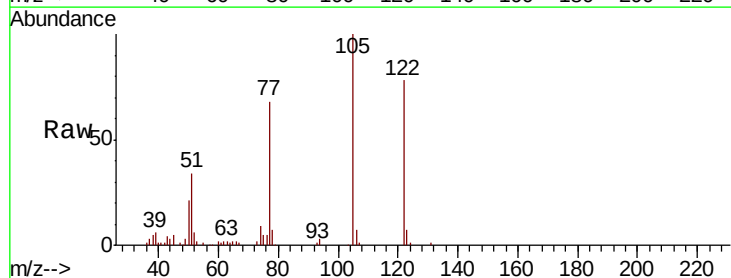
Instrument :
BNA_G
ClientSampleId :

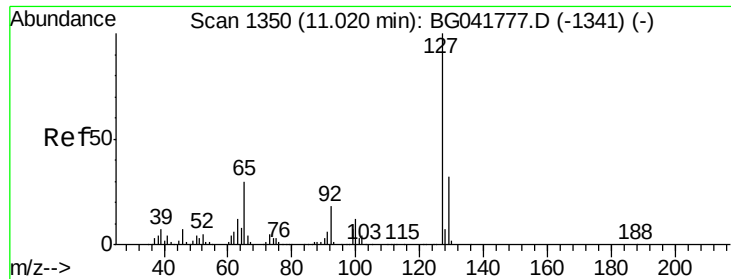
Tot Ion:128 Resp: 605705
Ion Ratio Lower Upper
128 100
129 10.9 10.0 15.0
127 14.5 12.3 18.5



#32
Benzoic acid
Concen: 39.086 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion:122 Resp: 91209
Ion Ratio Lower Upper
122 100
105 128.5 101.5 141.5
77 88.0 73.0 113.0

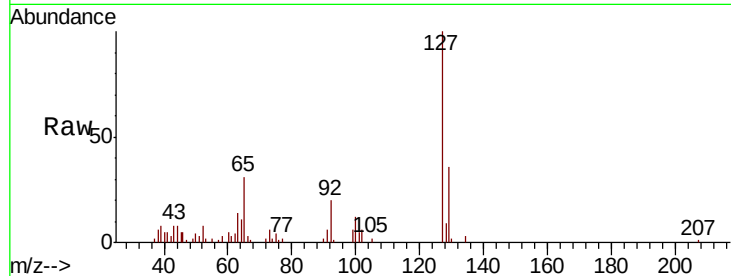




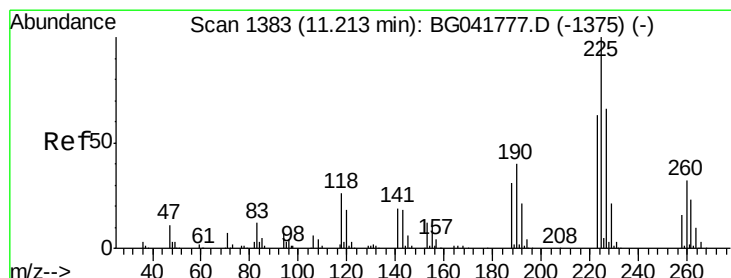
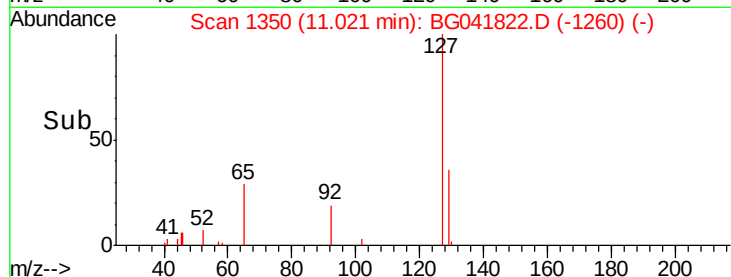
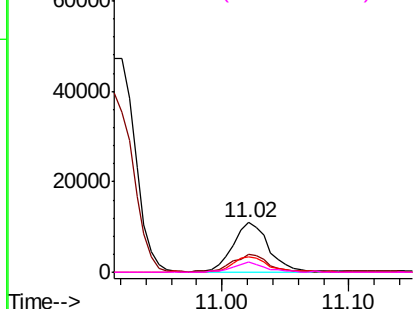
#33
4-Chloroaniline
Concen: 3.710 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	22097
Ion	Ratio	Lower	Upper
127	100		
129	35.5	25.8	38.8
65	31.0	26.7	40.1
92	19.8	15.4	23.0

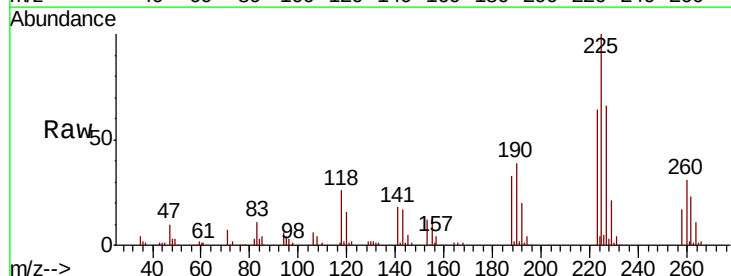


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

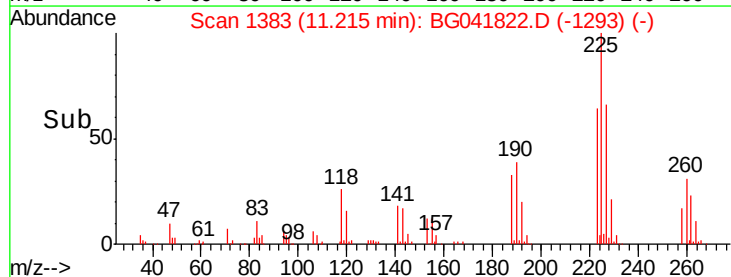
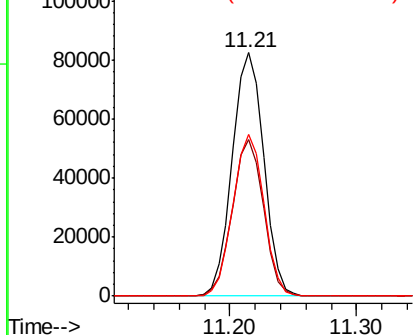


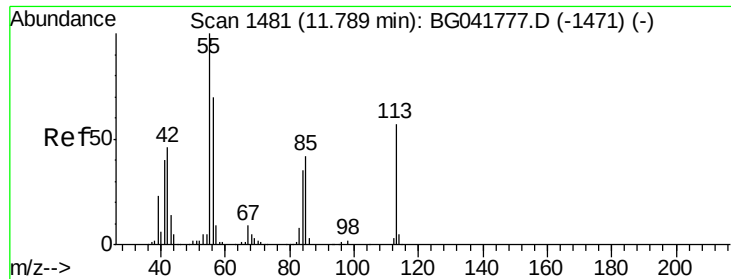
#34
Hexachlorobutadiene
Concen: 39.585 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion:	225	Resp:	141964
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.1	76.7
227	66.2	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: 20.971 ng

RT: 11.79 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampled :

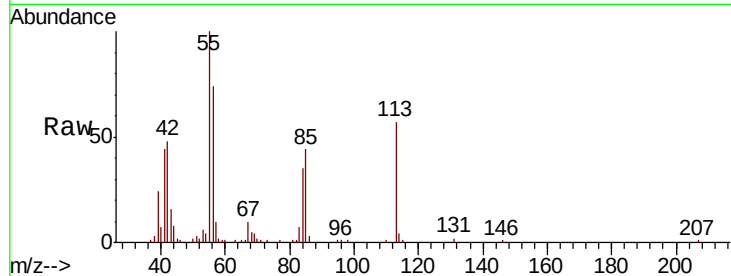
Tot Ion:113 Resp: 30539

Ion Ratio Lower Upper

113 100

55 176.3 199.4 239.4#

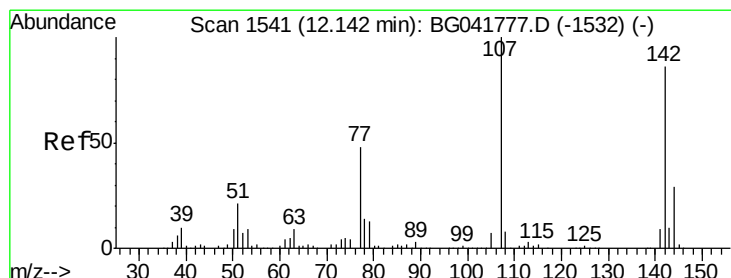
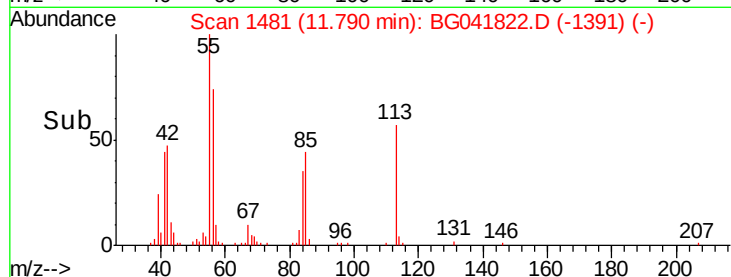
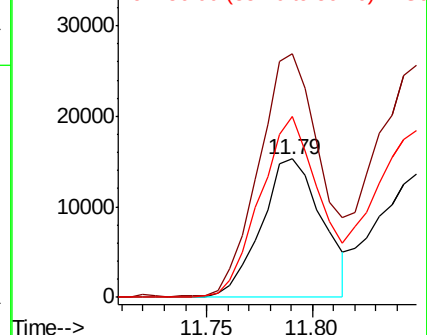
56 130.6 133.6 173.6#



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: 76.293 ng

RT: 12.14 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

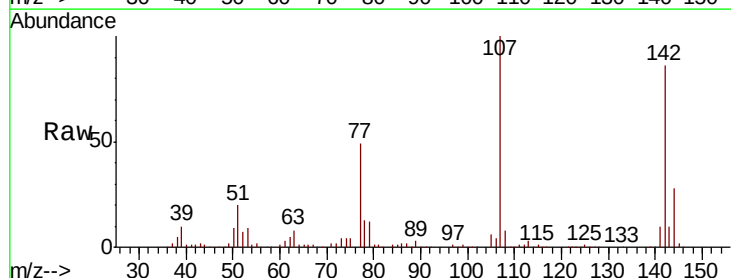
Tgt Ion:107 Resp: 316946

Ion Ratio Lower Upper

107 100

144 28.3 22.2 33.2

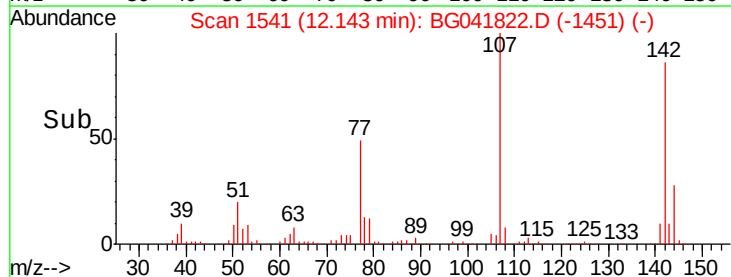
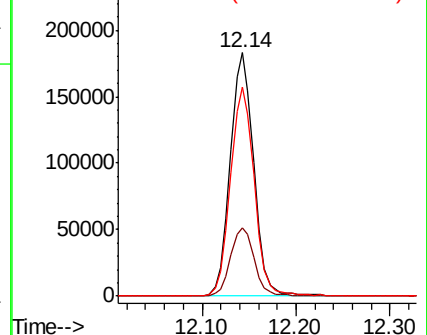
142 86.1 67.3 100.9

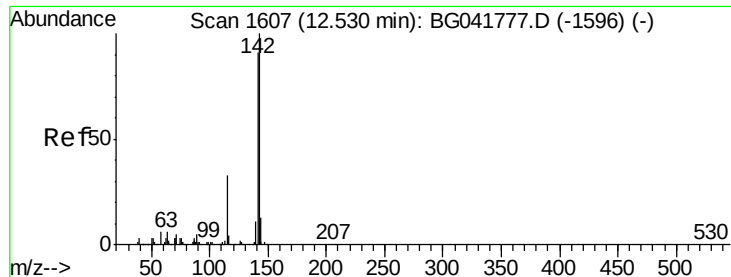


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

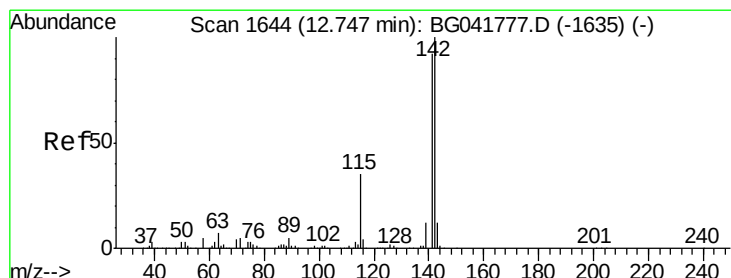
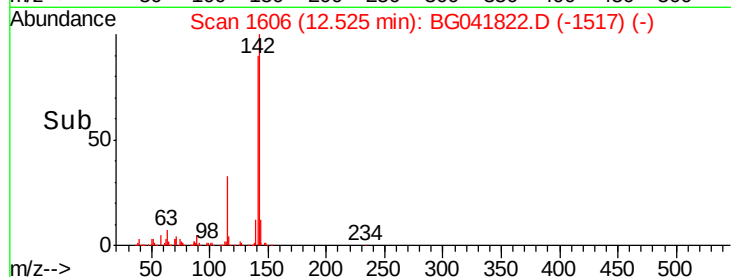
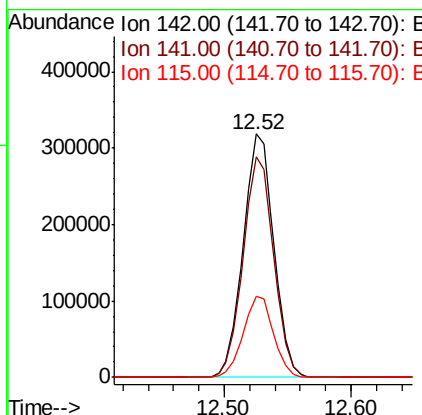
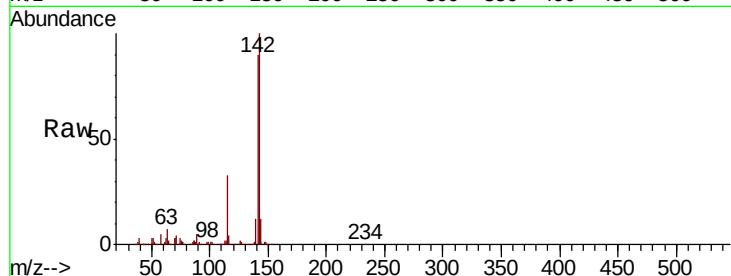




#37
2-Methylnaphthalene
Concen: 53.787 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

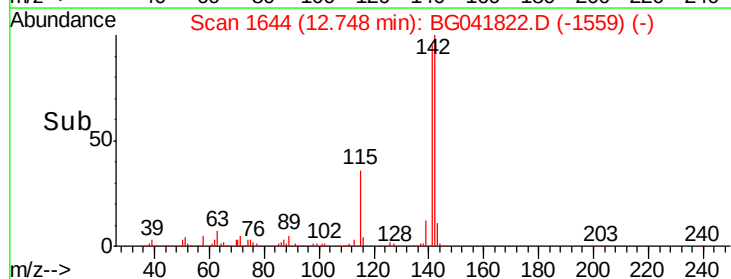
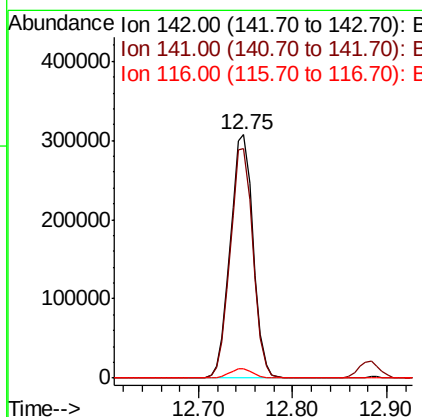
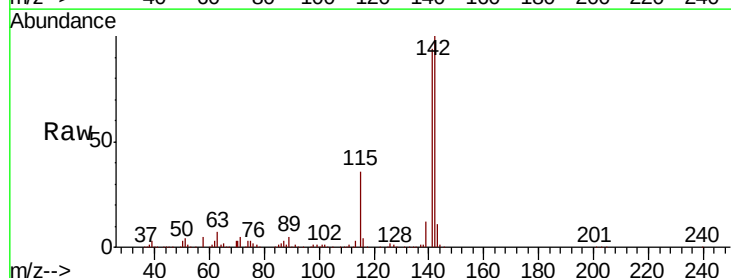
Instrument :
BNA_G
ClientSampleId :

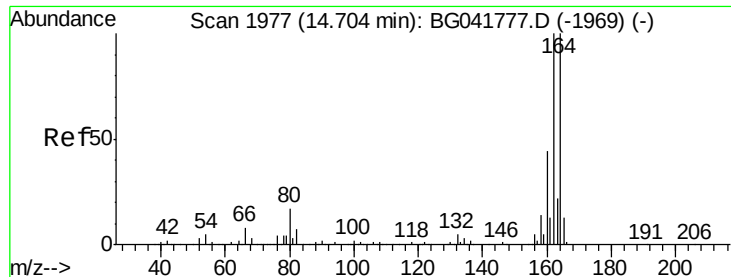
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.7	109.1
115	33.3	27.0	40.4



#38
1-Methylnaphthalene
Concen: 55.077 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.4	113.2
116	3.6	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: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampleId :

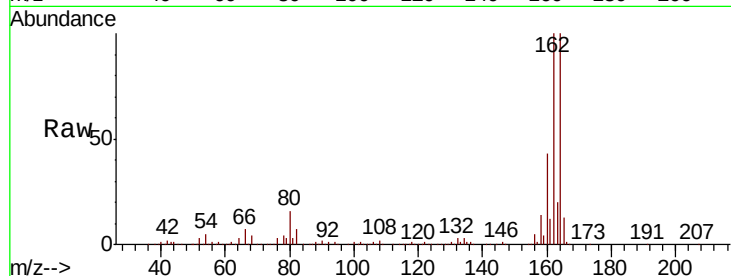
Tot Ion:164 Resp: 273341

Ion Ratio Lower Upper

164 100

162 99.5 79.6 119.4

160 42.7 35.4 53.0

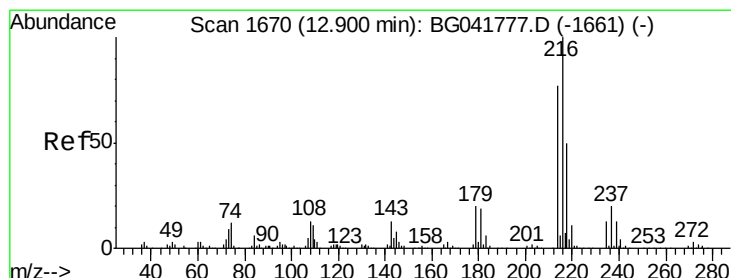
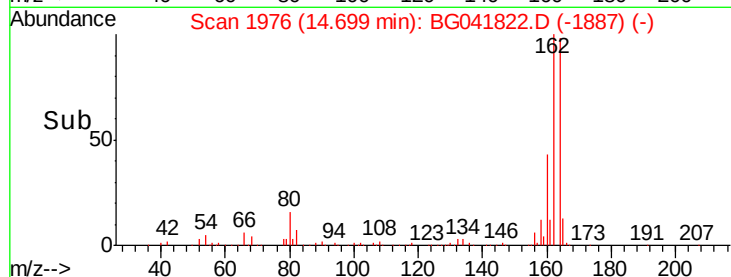
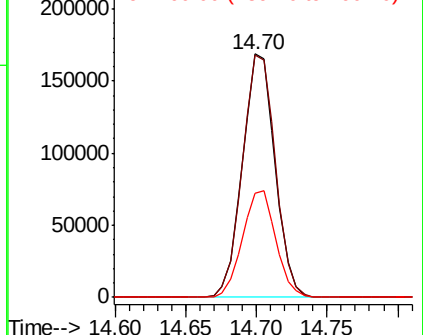


Abundance

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: 38.834 ng

RT: 12.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Tgt Ion:216 Resp: 336008

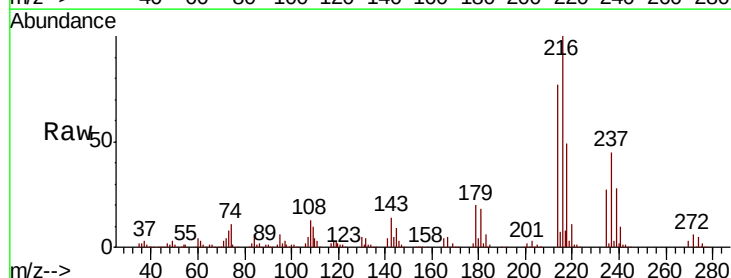
Ion Ratio Lower Upper

216 100

214 76.8 61.5 92.3

179 18.9 16.2 24.2

108 14.4 13.2 19.8



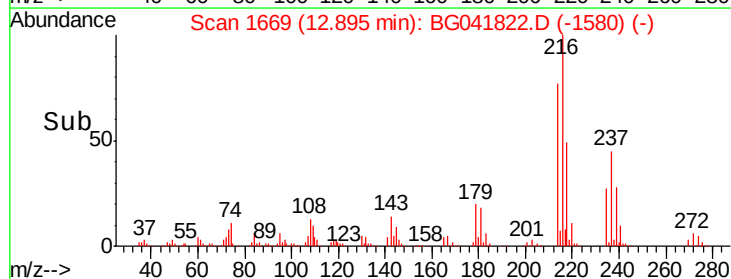
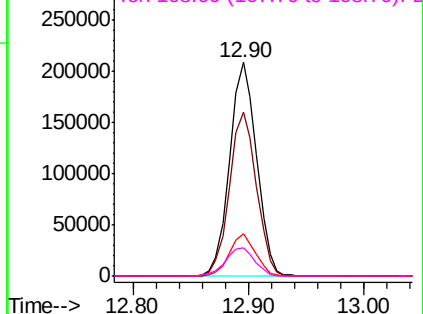
Abundance

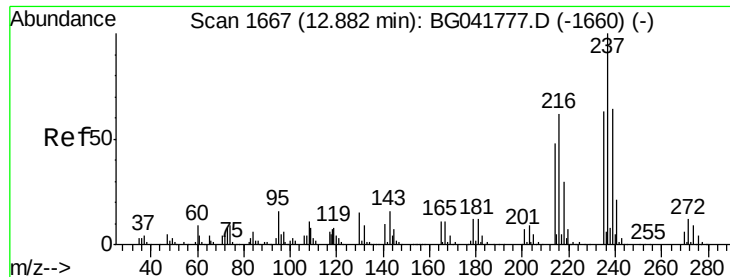
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 69.730 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampleId :

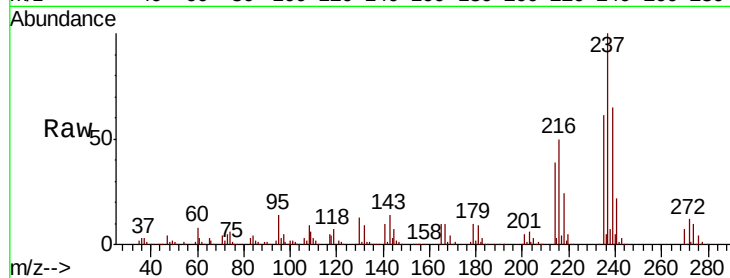
Tot Ion:237 Resp: 339210

Ion Ratio Lower Upper

237 100

235 60.8 43.5 83.5

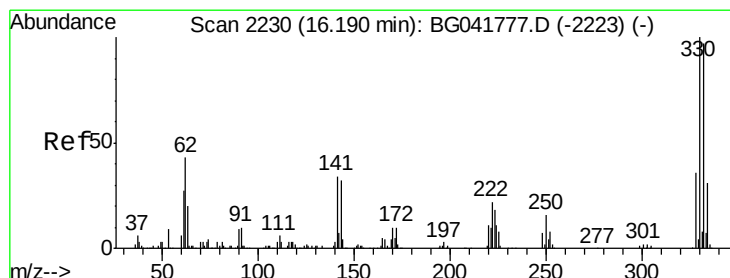
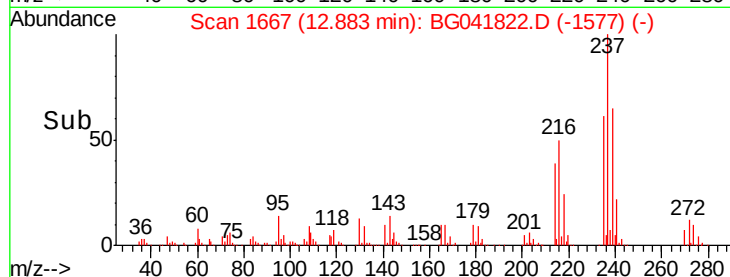
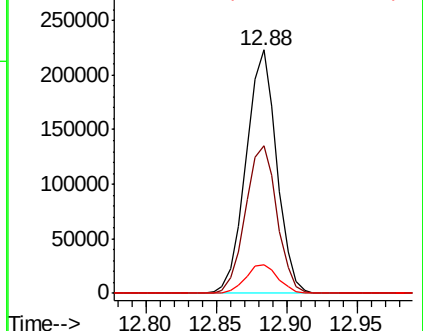
272 12.0 0.0 31.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 199.630 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

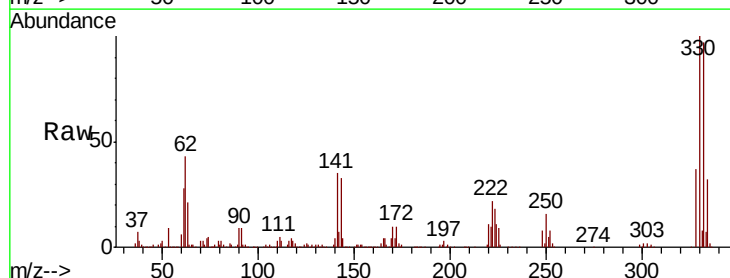
Tgt Ion:330 Resp: 619808

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

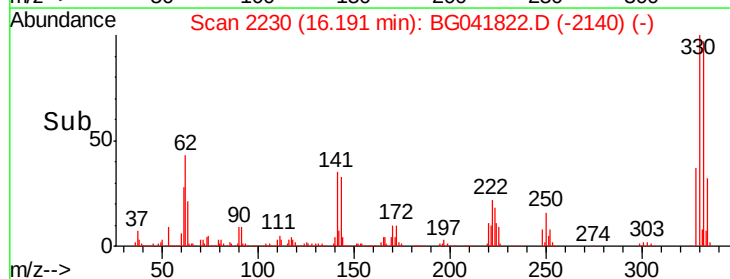
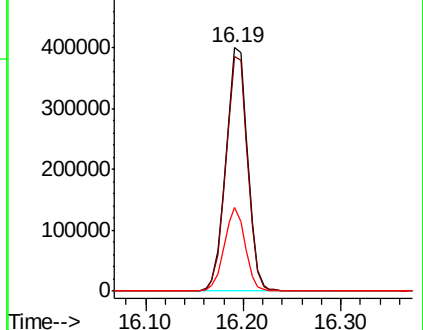
141 32.7 31.9 47.9

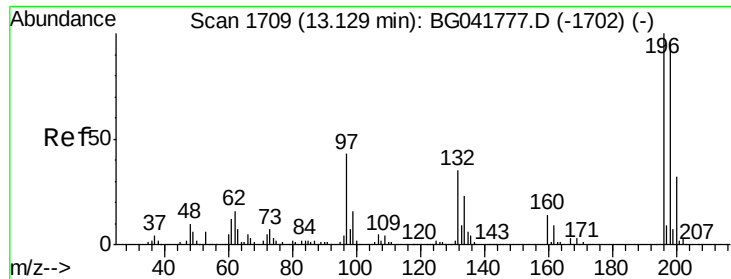


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

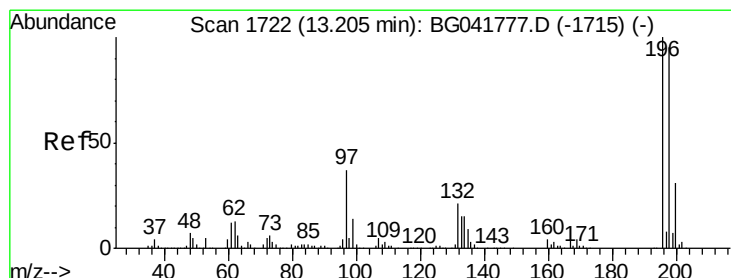
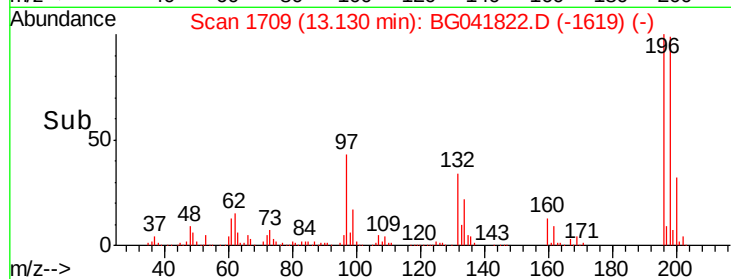
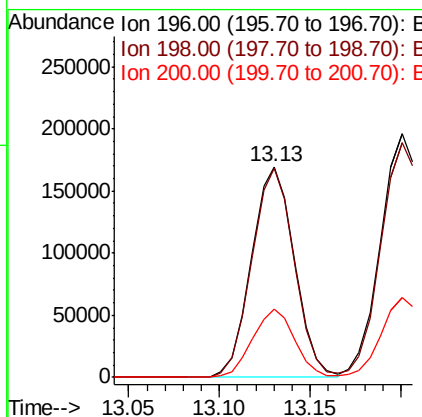
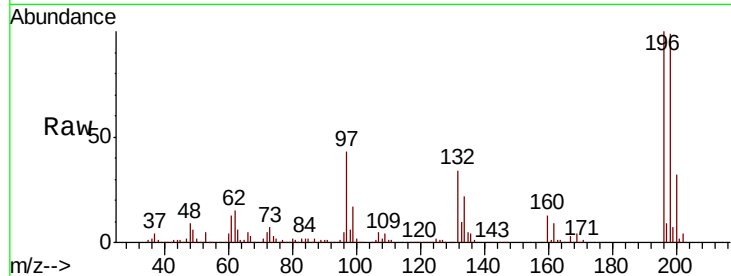




#43
 2,4,6-Trichlorophenol
 Concen: 50.916 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

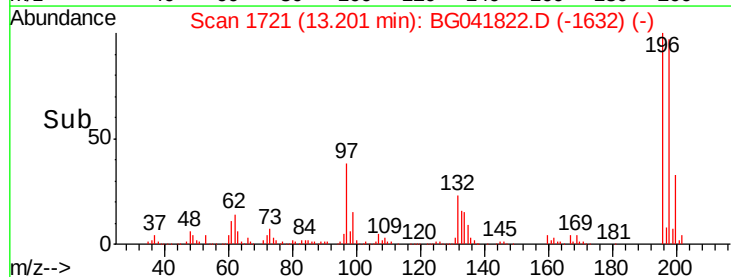
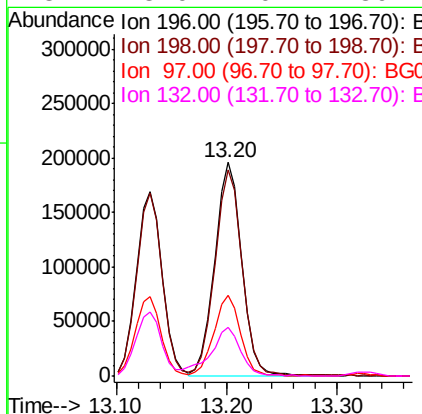
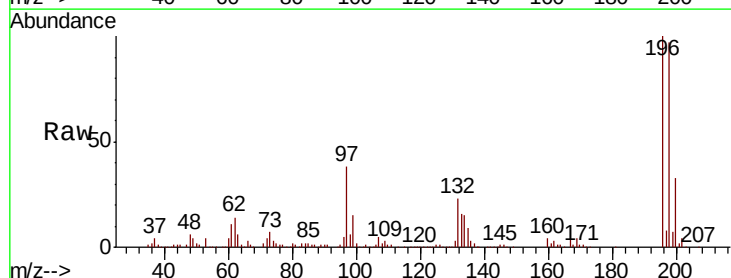
Instrument :
 BNA_G
 ClientSampleId :

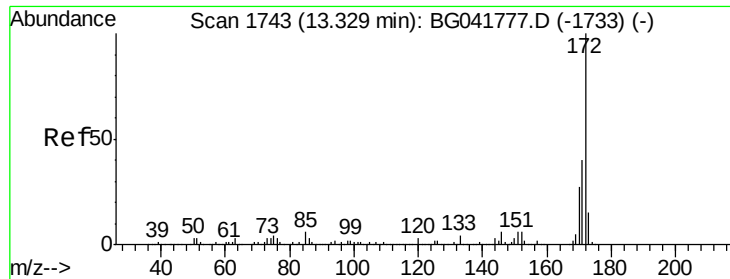
Tot Ion:196 Resp: 278440
 Ion Ratio Lower Upper
 196 100
 198 99.3 79.6 119.4
 200 32.3 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 58.202 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Tgt Ion:196 Resp: 330757
 Ion Ratio Lower Upper
 196 100
 198 96.6 80.6 121.0
 97 37.9 33.9 50.9
 132 23.0 20.2 30.2

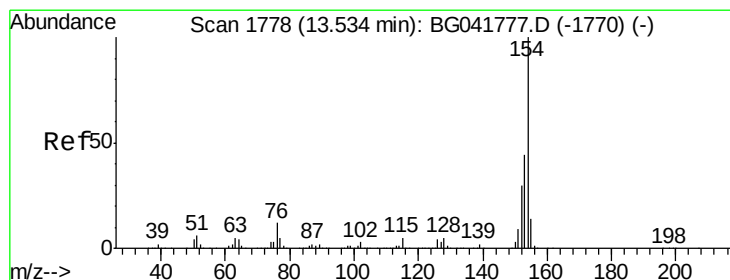
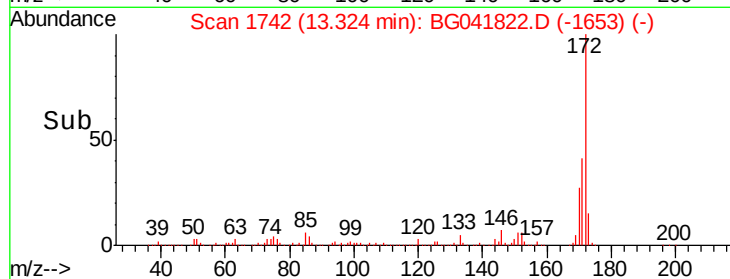
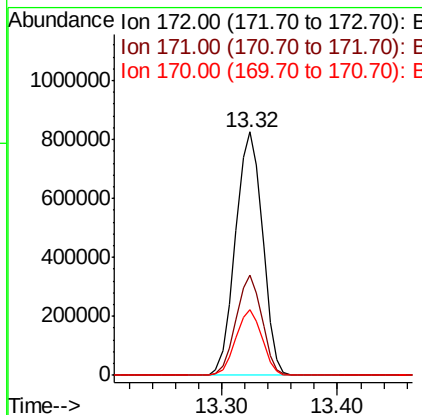
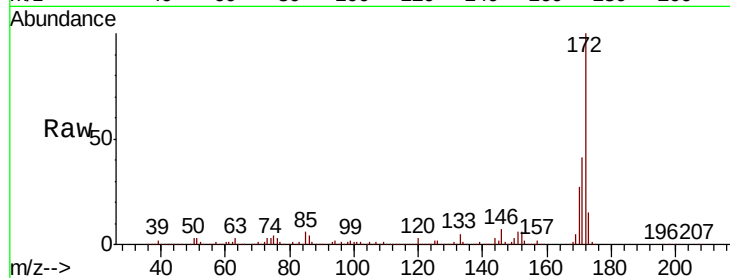




#45
2-Fluorobiphenyl
Concen: 86.702 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

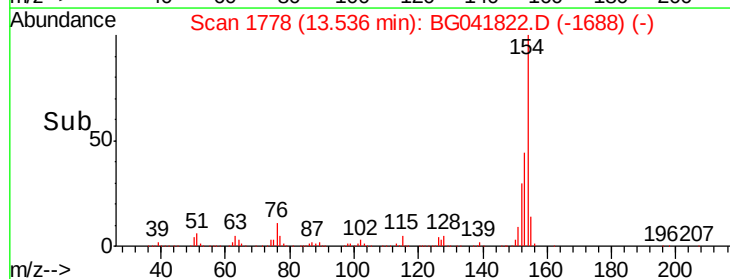
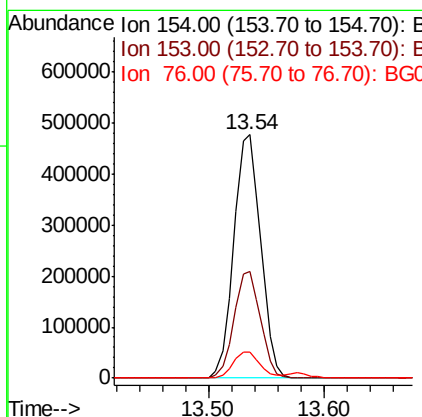
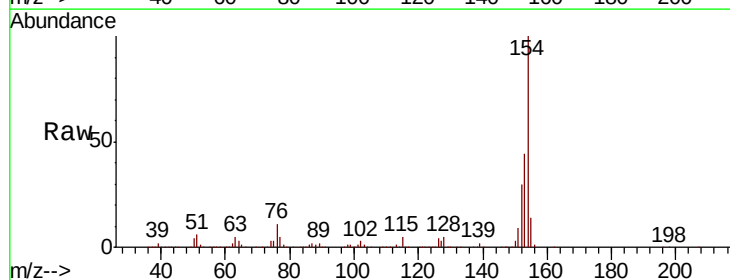
Instrument :
BNA_G
ClientSampled :

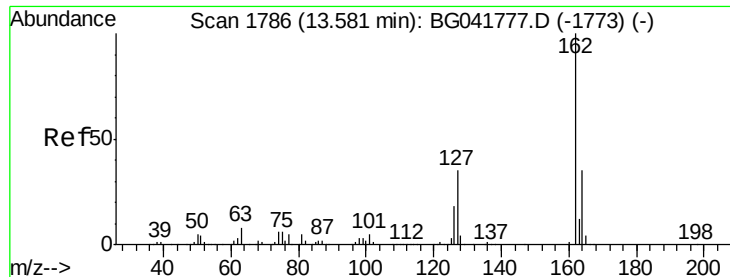
Tot Ion:172 Resp: 1343701
Ion Ratio Lower Upper
172 100
171 41.3 35.0 52.4
170 27.0 23.5 35.3



#46
1,1'-Biphenyl
Concen: 43.587 ng
RT: 13.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion:154 Resp: 765876
Ion Ratio Lower Upper
154 100
153 43.8 25.0 65.0
76 10.6 0.0 34.5

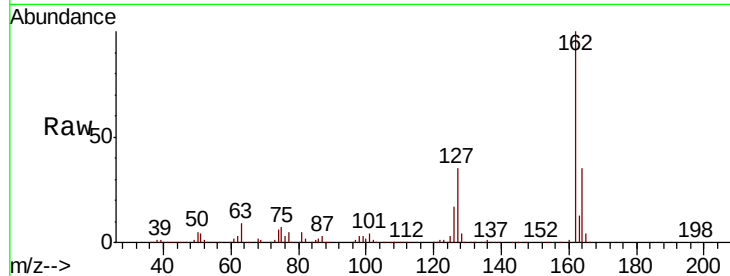




#47
 2-Chloronaphthalene
 Concen: 41.765 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.4	30.4	45.6
164	35.3	28.6	42.8

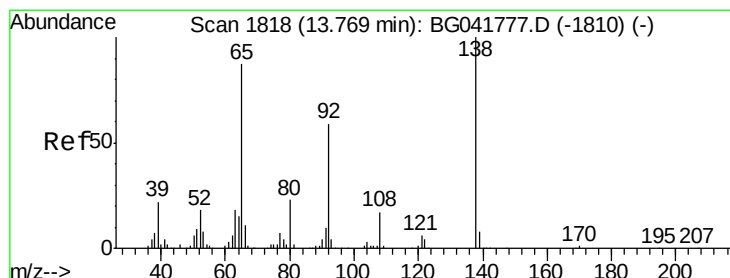
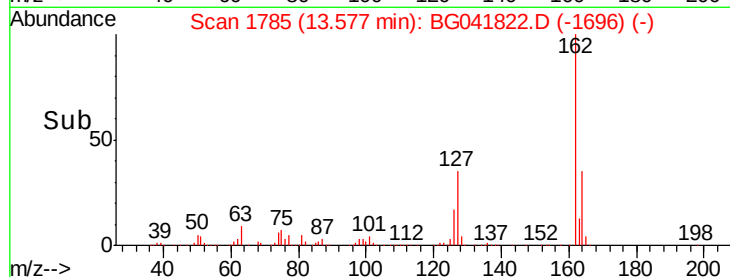
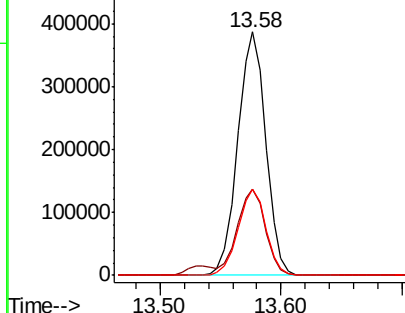


Abundance

Ion 162.00 (161.70 to 162.70): E

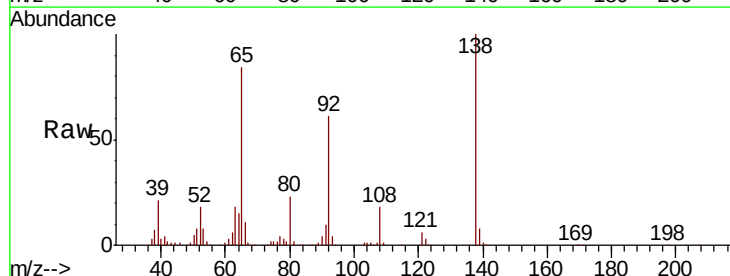
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 60.158 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	53.9	80.9
138	119.6	83.5	125.3

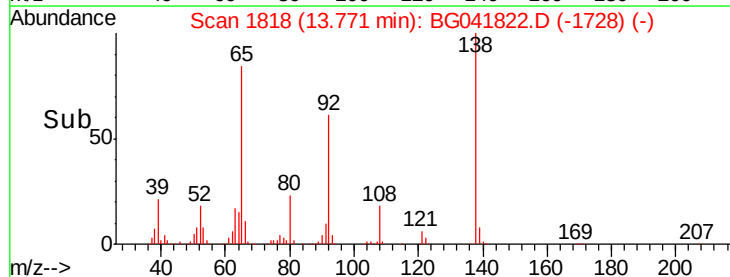
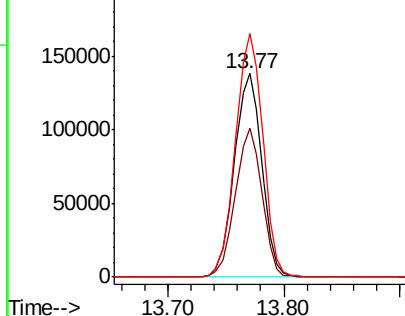


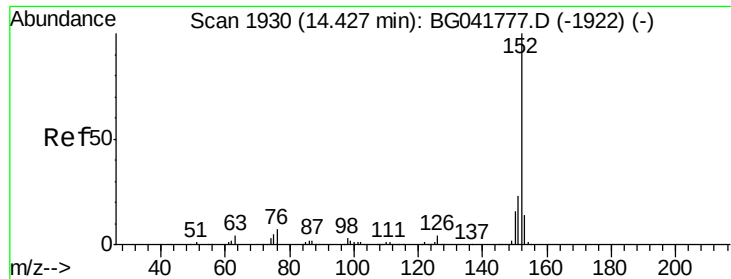
Abundance

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): E





#49

Acenaphthylene

Concen: 49.356 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

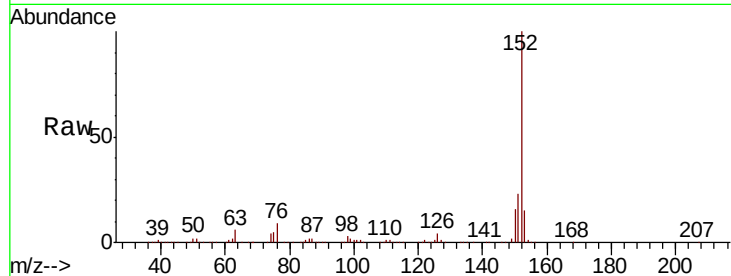
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1104463

Ion	Ratio	Lower	Upper
152	100		
151	22.7	18.7	28.1
153	14.6	12.4	18.6

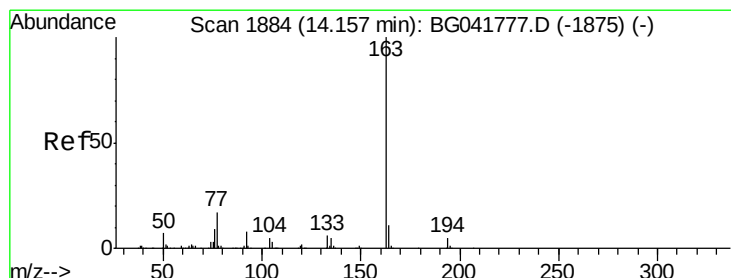
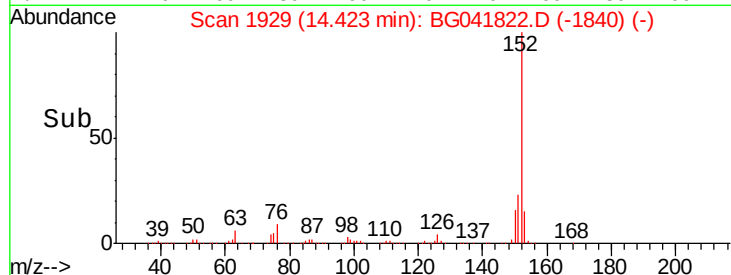
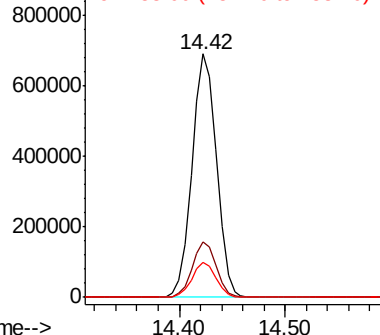


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.614 ng

RT: 14.15 min Scan# 1883

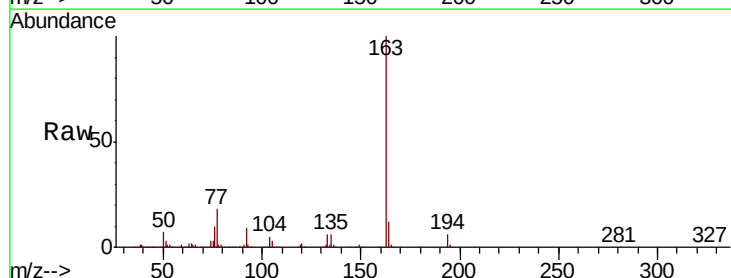
Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Tgt Ion:163 Resp: 1056866

Ion	Ratio	Lower	Upper
163	100		
194	5.7	4.2	6.2
164	11.6	9.4	14.2

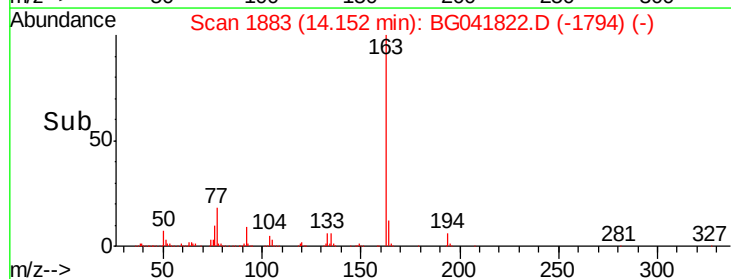
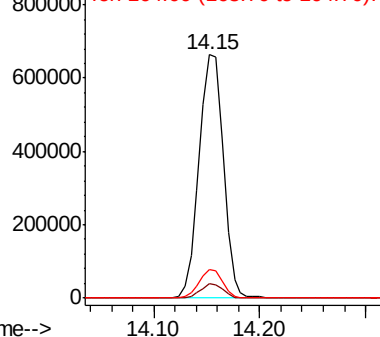


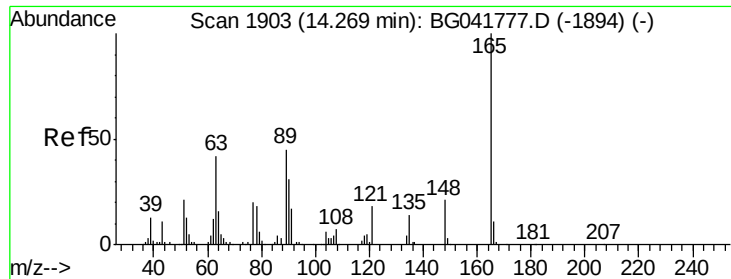
Abundance

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

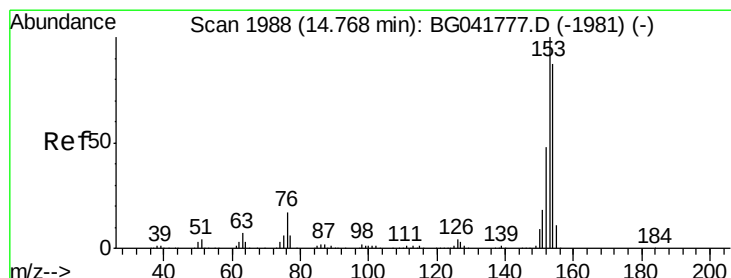
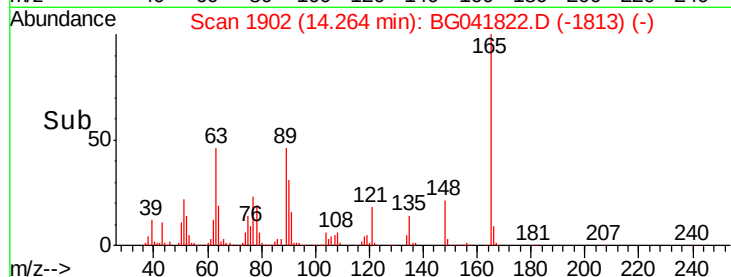
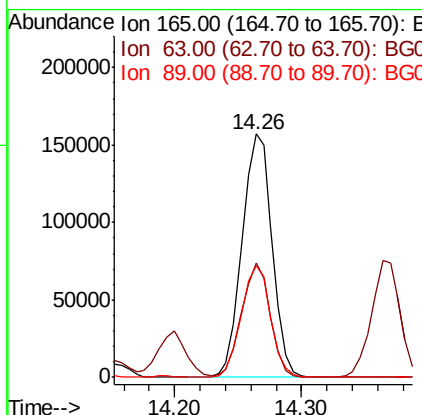
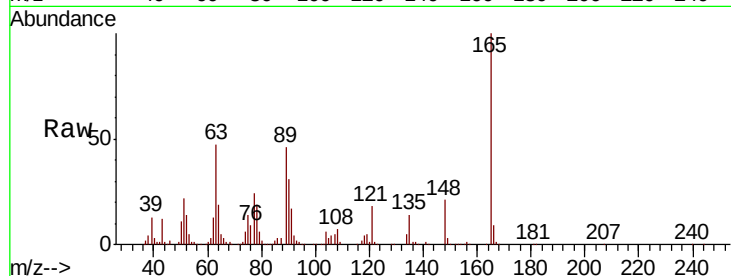




#51
 2,6-Dinitrotoluene
 Concen: 65.770 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

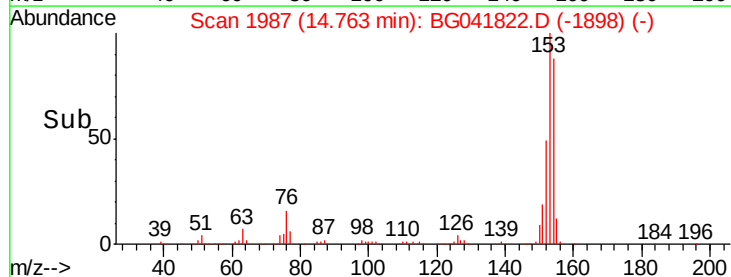
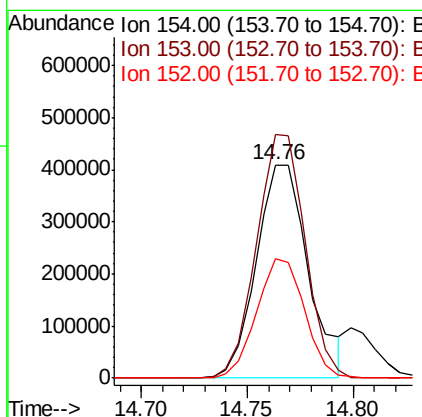
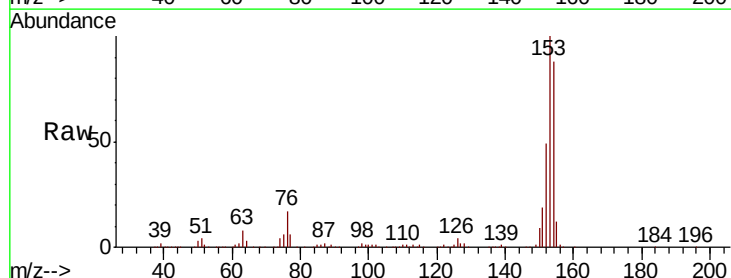
Instrument :
 BNA_G
 ClientSampleId :

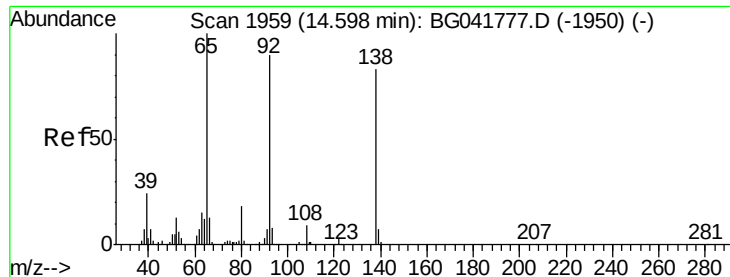
Tot Ion:165 Resp: 256735
 Ion Ratio Lower Upper
 165 100
 63 47.1 42.4 63.6
 89 45.9 42.1 63.1



#52
 Acenaphthene
 Concen: 48.183 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Tgt Ion:154 Resp: 701267
 Ion Ratio Lower Upper
 154 100
 153 114.0 89.8 134.6
 152 55.7 44.9 67.3

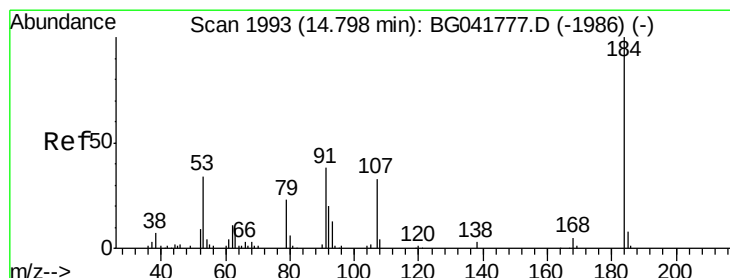
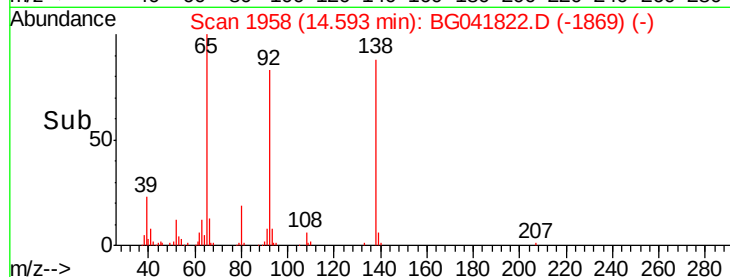
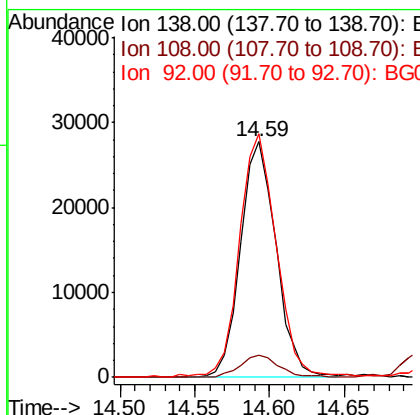
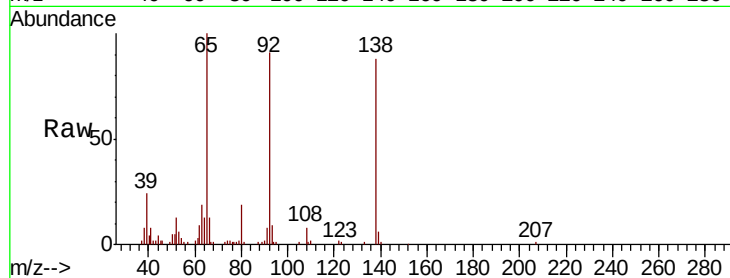




#53
3-Nitroaniline
Concen: 10.962 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

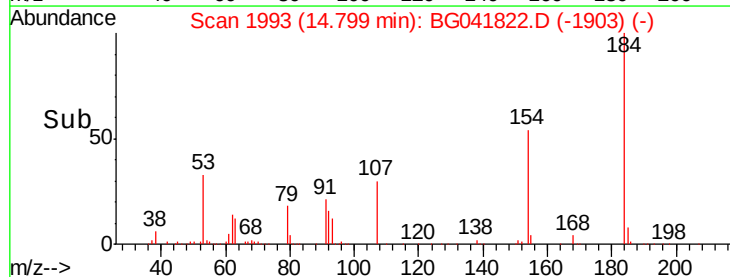
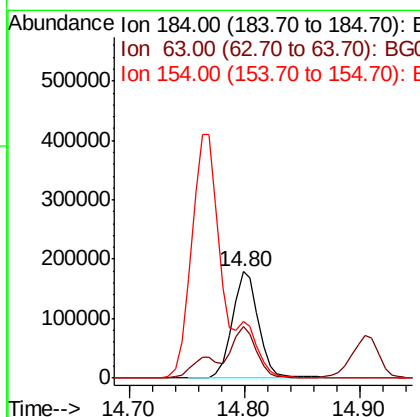
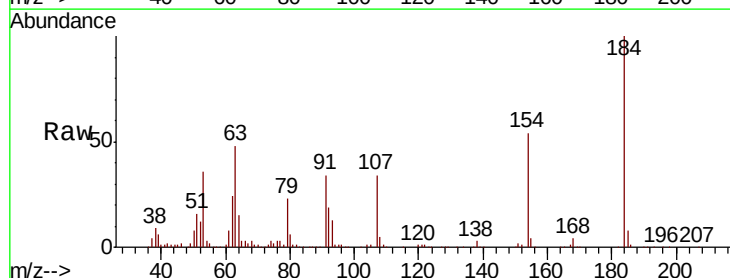
Instrument :
BNA_G
ClientSampleId :

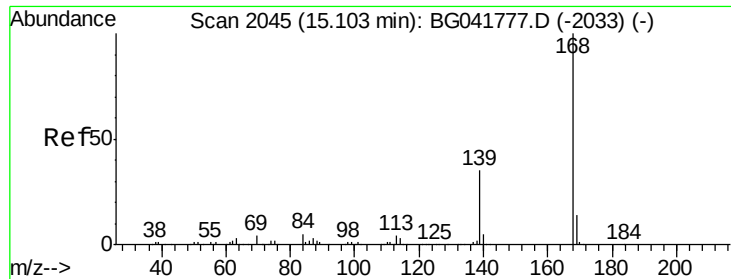
Tot Ion:138 Resp: 45780
Ion Ratio Lower Upper
138 100
108 9.4 10.3 15.5#
92 103.3 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 105.885 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion:184 Resp: 280802
Ion Ratio Lower Upper
184 100
63 48.0 43.2 64.8
154 53.5 51.4 77.2

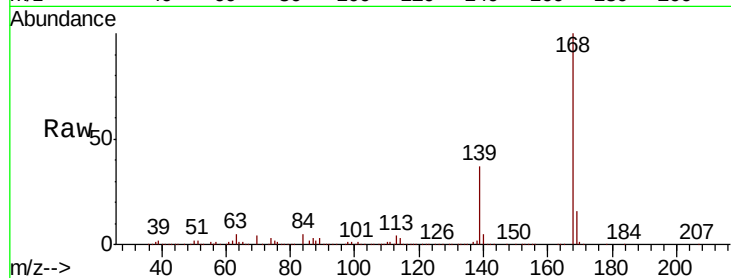




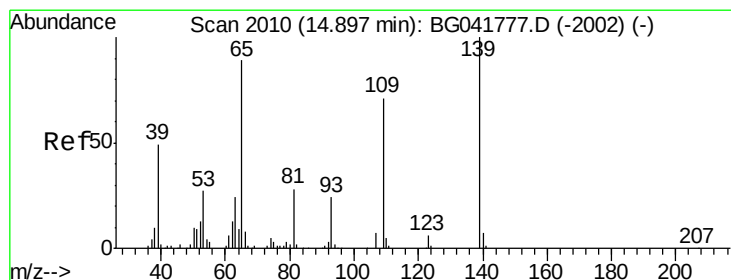
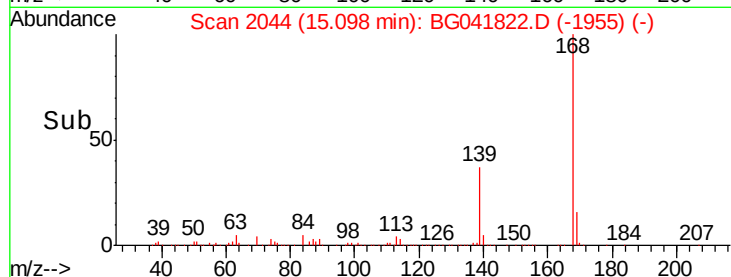
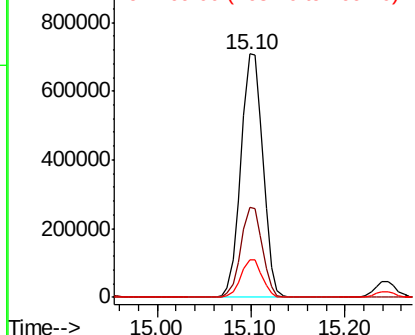
#55
Dibenzenofuran
Concen: 51.579 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 1148221
Ion Ratio Lower Upper
168 100
139 36.9 31.9 47.9
169 15.6 12.5 18.7

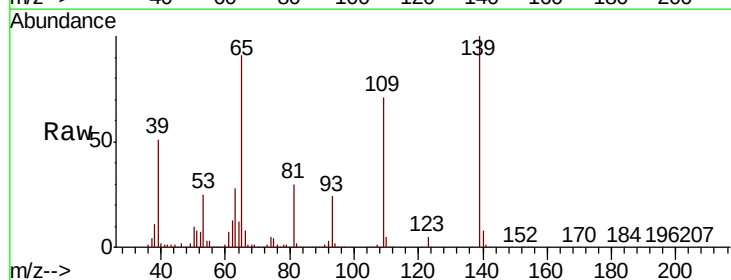


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

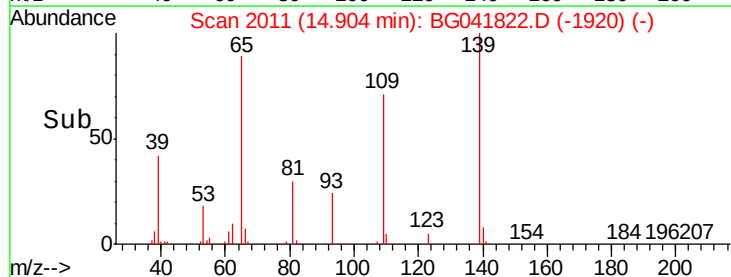
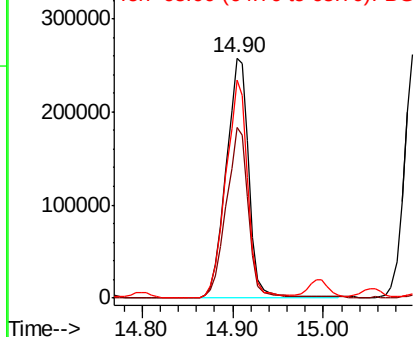


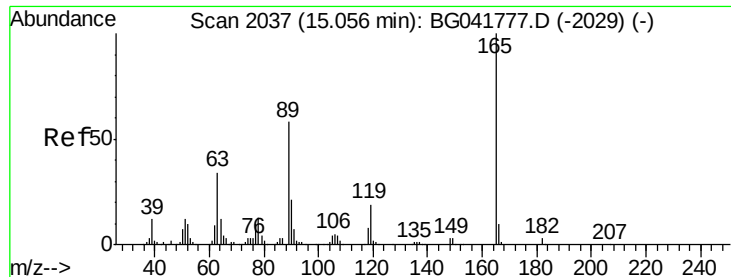
#56
4-Nitrophenol
Concen: 141.619 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion:139 Resp: 448921
Ion Ratio Lower Upper
139 100
109 71.1 51.3 91.3
65 90.8 77.6 117.6



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

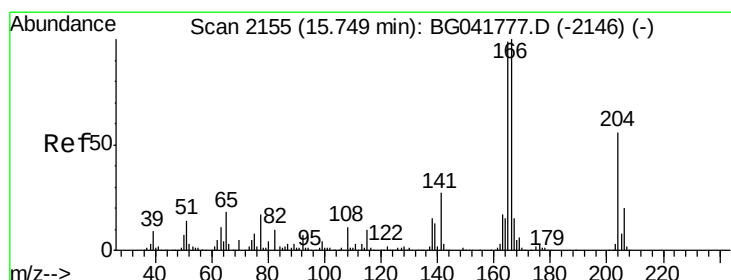
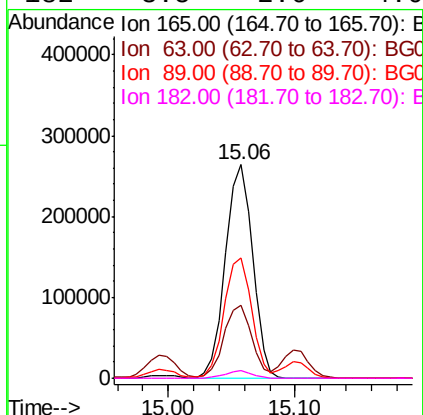
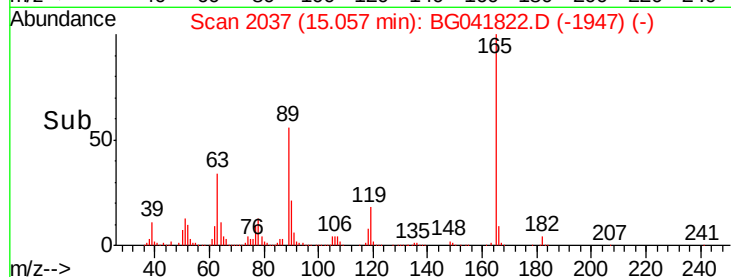
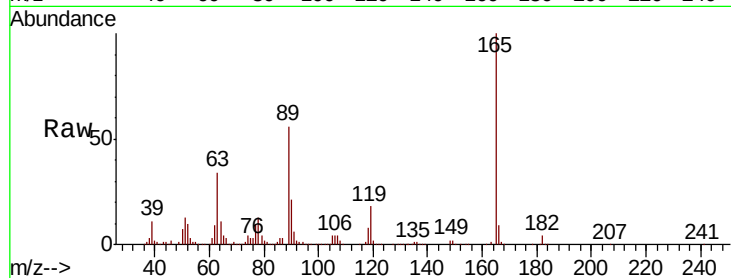




#57
 2,4-Dinitrotoluene
 Concen: 73.355 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

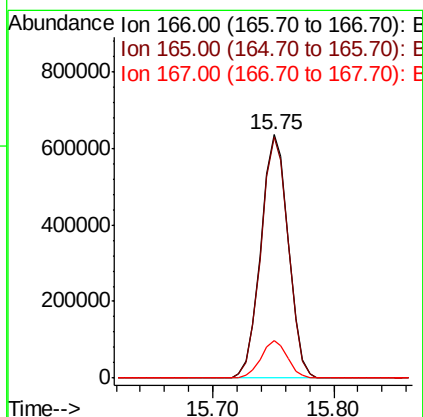
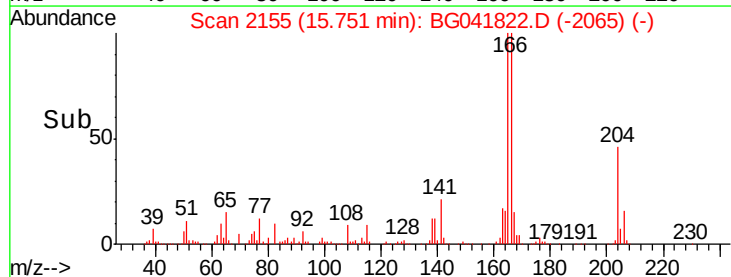
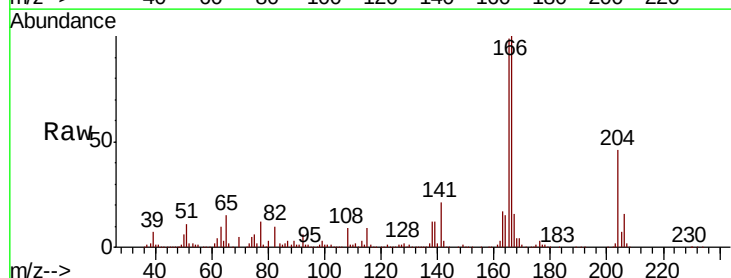
Instrument :
 BNA_G
 ClientSampleId :

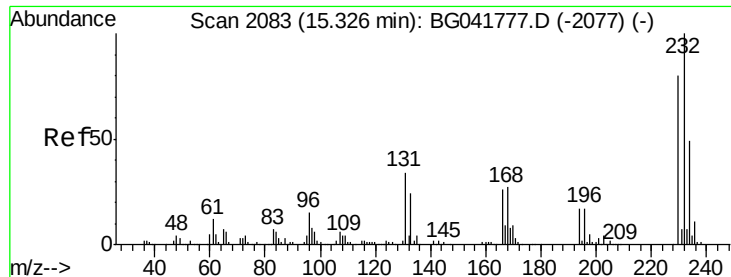
Tot Ion:165 Resp: 393784
 Ion Ratio Lower Upper
 165 100
 63 34.4 31.7 47.5
 89 56.3 50.2 75.4
 182 3.5 2.6 4.0



#58
 Fluorene
 Concen: 55.872 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Tgt Ion:166 Resp: 998167
 Ion Ratio Lower Upper
 166 100
 165 98.9 80.5 120.7
 167 15.6 12.4 18.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 66.510 ng

RT: 15.33 min Scan# 2083

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

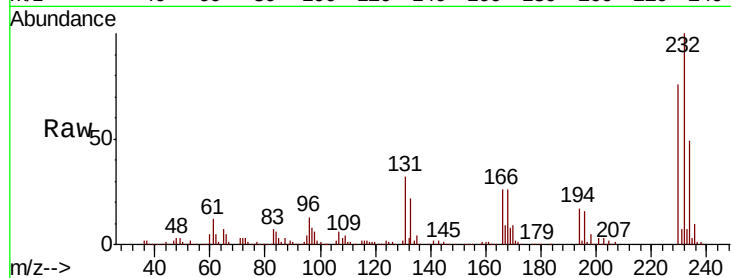
Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 374354

Ion	Ratio	Lower	Upper
232	100		
131	33.2	31.8	47.6
130	1.8	1.8	2.8
166	26.3	23.5	35.3

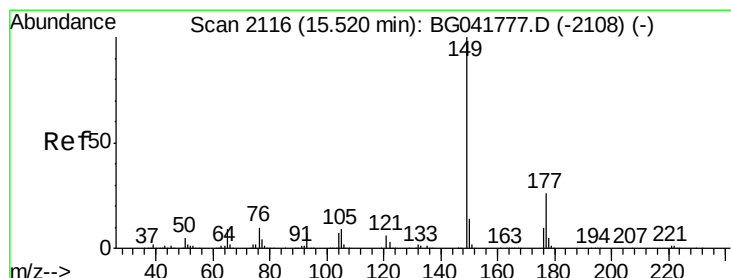
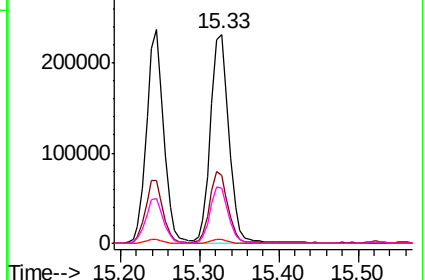
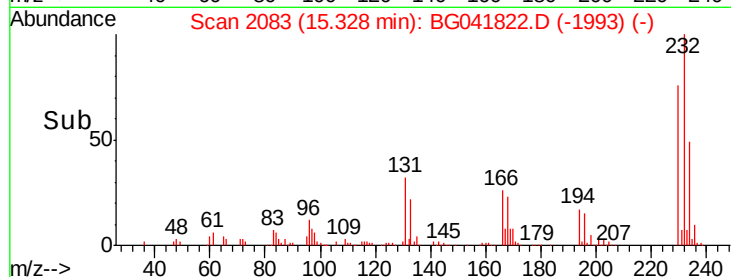


Abundance Ion 232.00 (231.70 to 232.70): E

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: 60.199 ng

RT: 15.52 min Scan# 2116

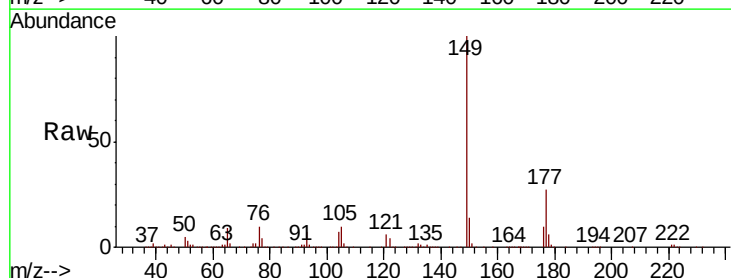
Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Tgt Ion:149 Resp: 1103307

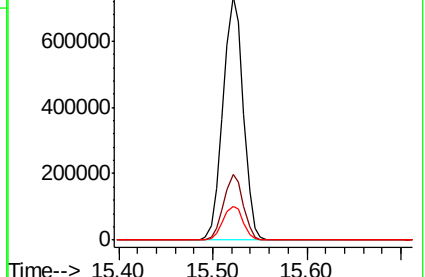
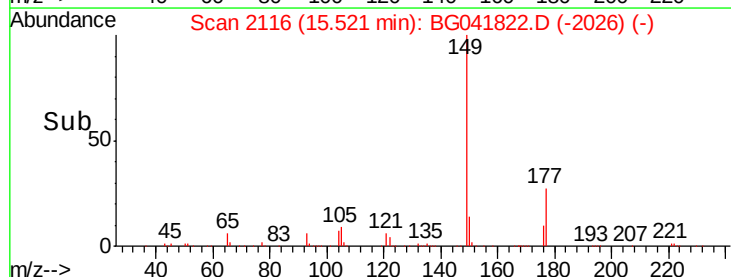
Ion	Ratio	Lower	Upper
149	100		
177	26.8	20.7	31.1
150	13.9	11.5	17.3

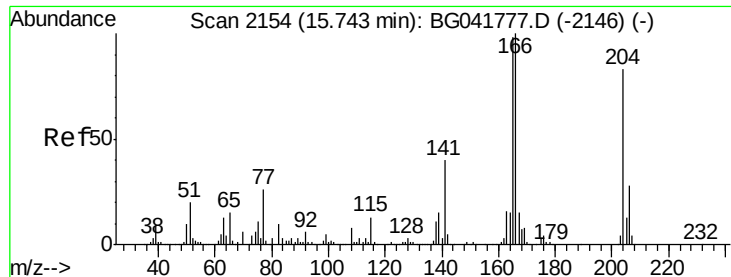


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

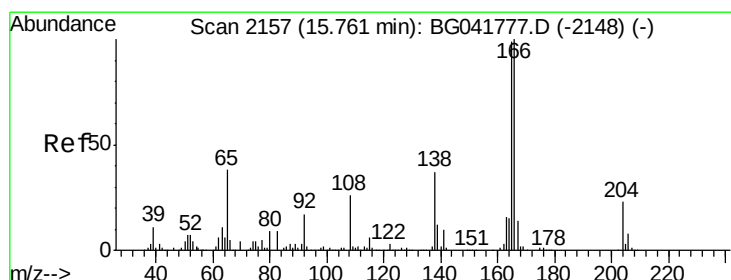
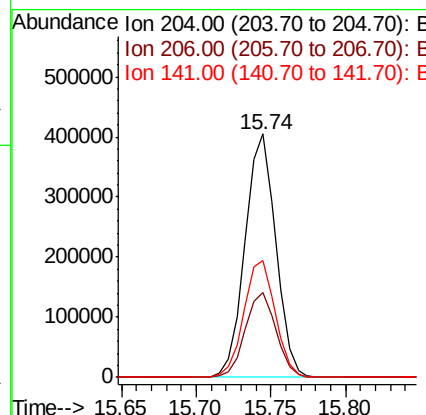
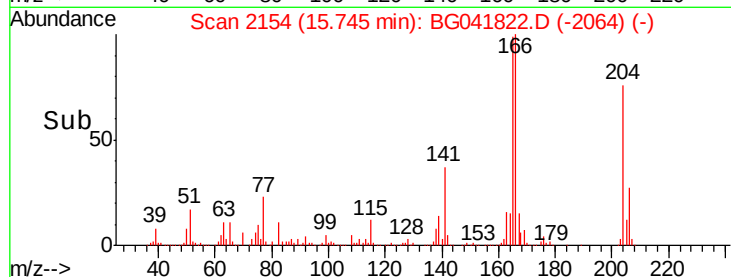
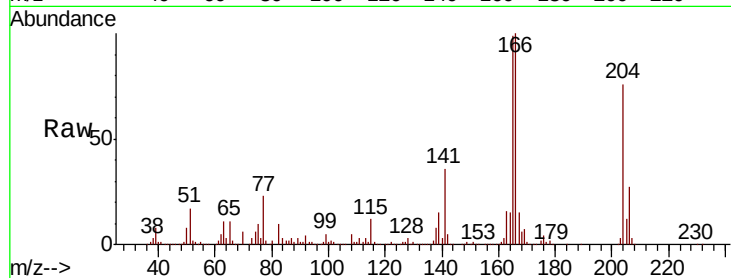




#61
4-Chlorophenyl-phenylether
Concen: 52.821 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

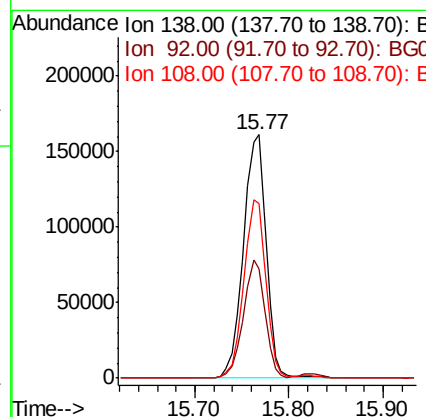
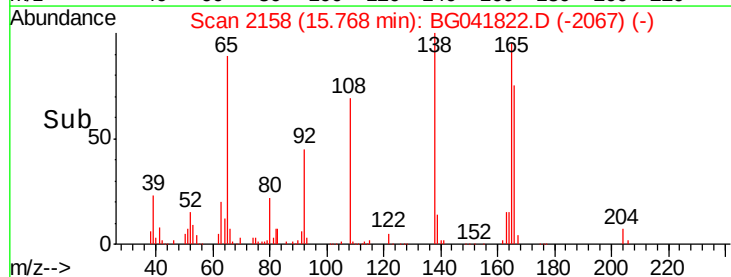
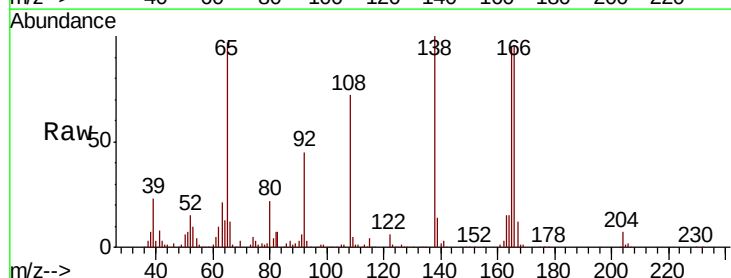
Instrument :
BNA_G
ClientSampled :

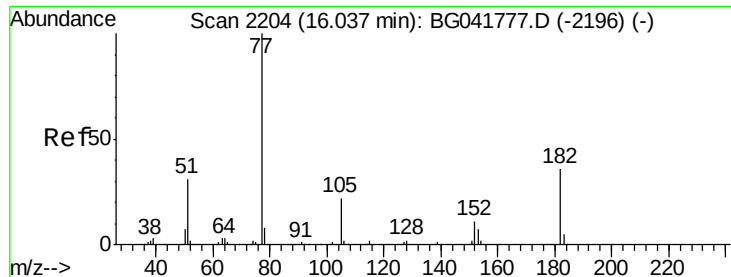
Tot Ion:204 Resp: 576092
Ion Ratio Lower Upper
204 100
206 35.0 28.6 42.8
141 47.8 42.9 64.3



#62
4-Nitroaniline
Concen: 60.375 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.01 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion:138 Resp: 273092
Ion Ratio Lower Upper
138 100
92 44.9 29.8 69.8
108 71.9 52.2 92.2

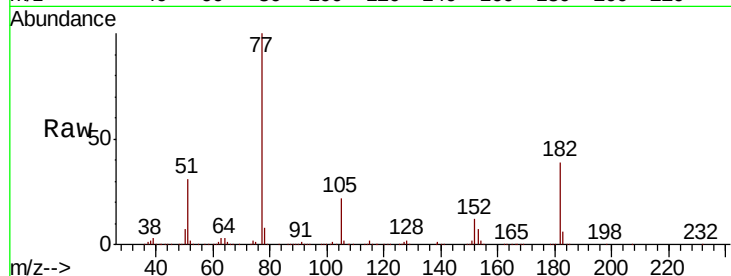




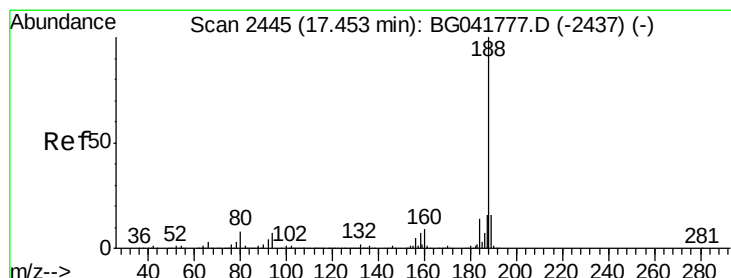
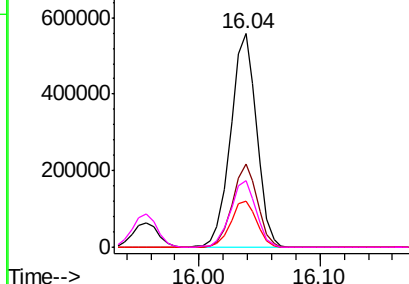
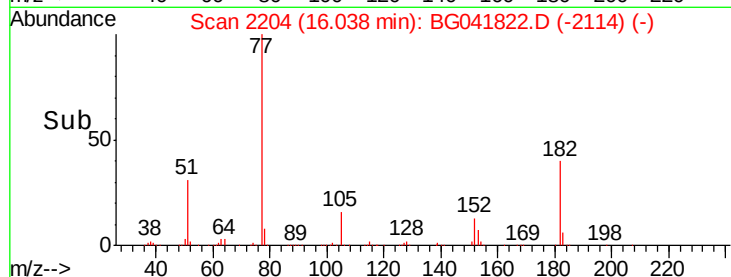
#63
Azobenzene
Concen: 55.587 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	38.7	13.2	53.2	
105	21.8	2.2	42.2	
51	31.5	14.6	54.6	

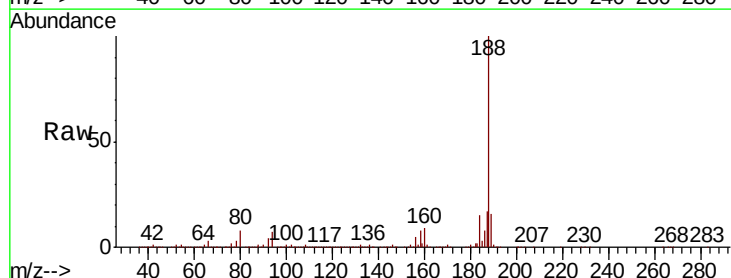


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

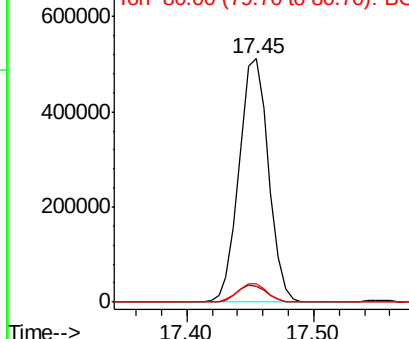
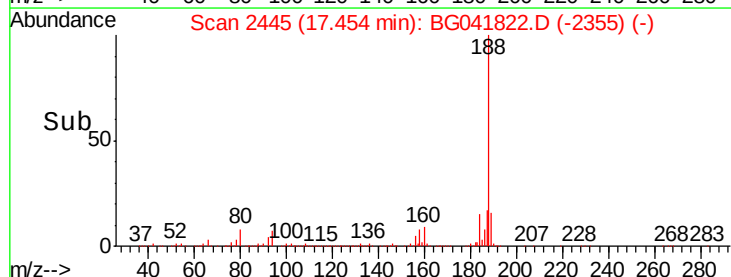


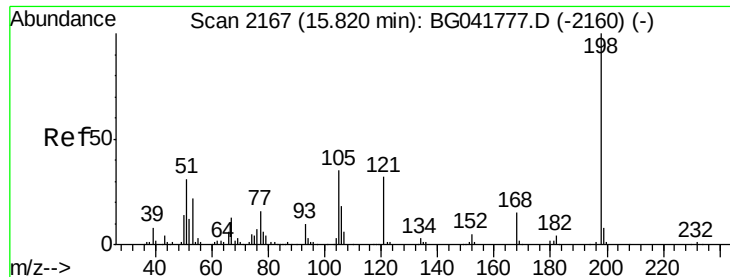
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.7	6.9	10.3#	
80	7.7	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

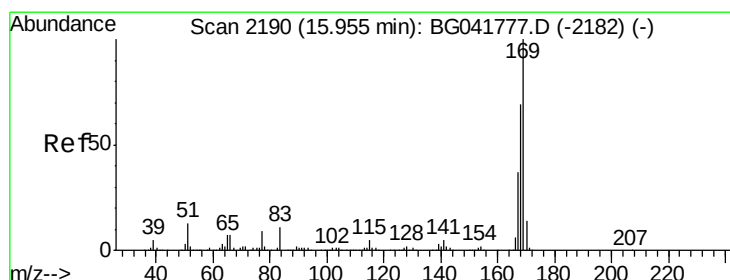
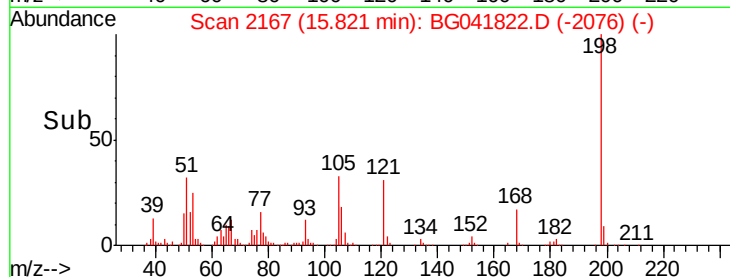
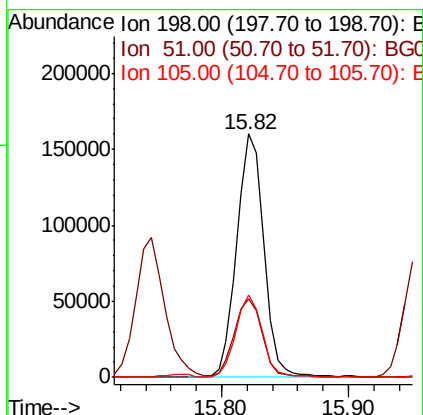
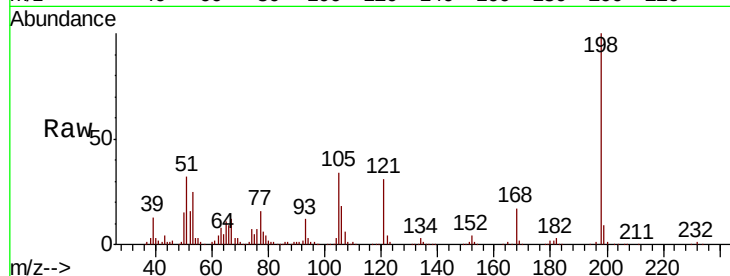




#65
4,6-Dinitro-2-methylphenol
Concen: 57.343 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

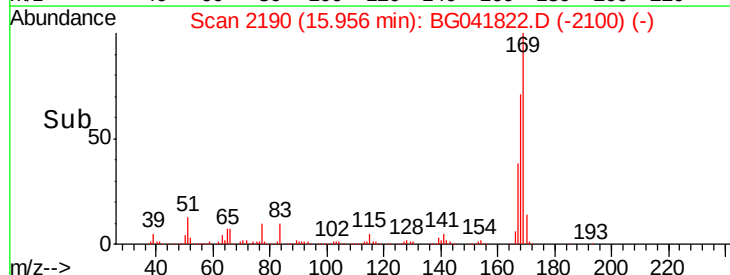
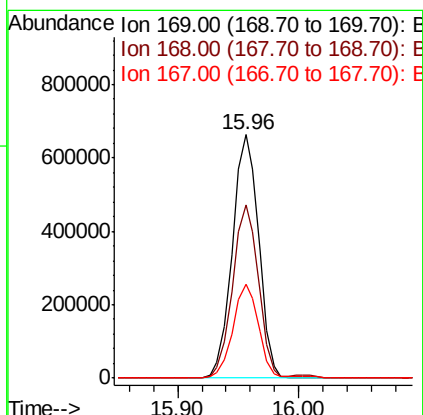
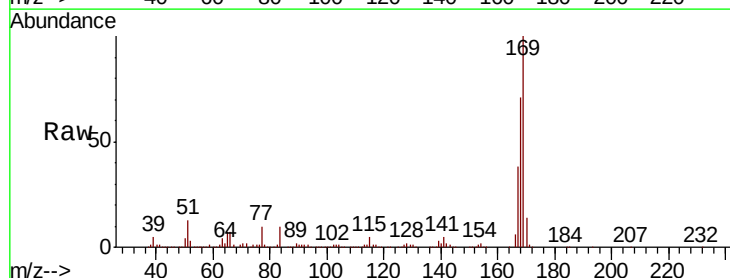
Instrument :
BNA_G
ClientSampleId :

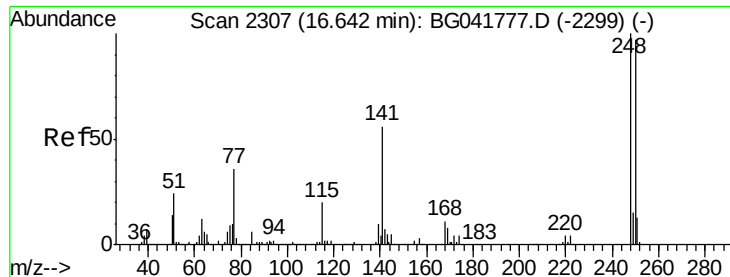
Tot Ion:198 Resp: 237084
Ion Ratio Lower Upper
198 100
51 32.4 22.3 62.3
105 33.6 18.0 58.0



#66
n-Nitrosodiphenylamine
Concen: 44.952 ng
RT: 15.96 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion:169 Resp: 1007017
Ion Ratio Lower Upper
169 100
168 71.3 56.9 85.3
167 38.3 31.5 47.3

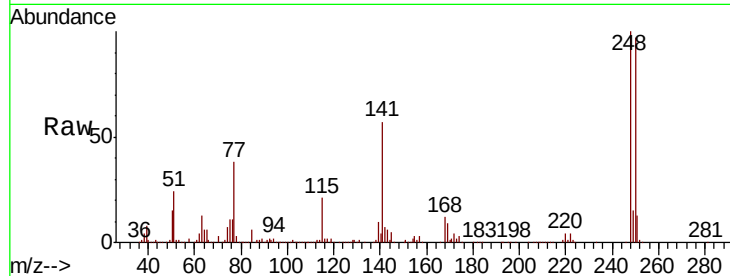




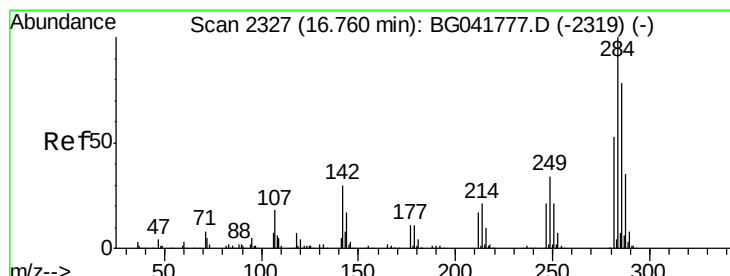
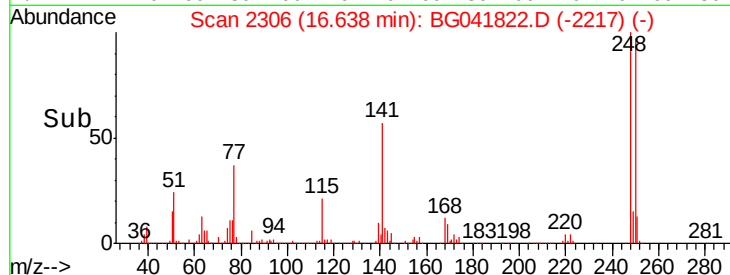
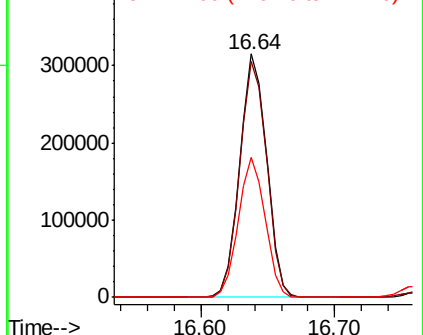
#67
4-Bromophenyl-phenylether
Concen: 43.332 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 438978
Ion Ratio Lower Upper
248 100
250 97.1 78.1 117.1
141 57.5 49.6 74.4

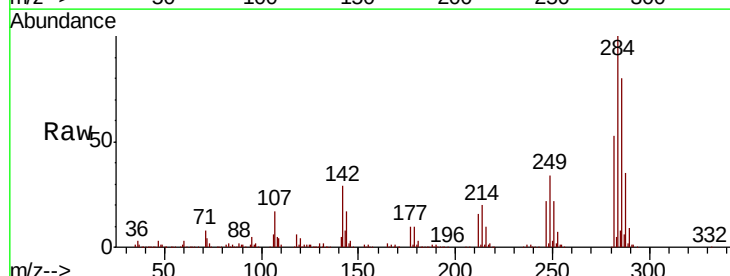


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

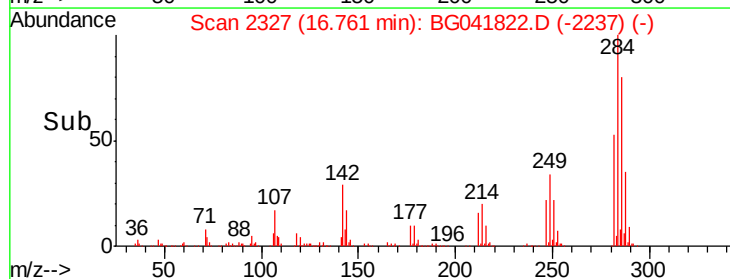
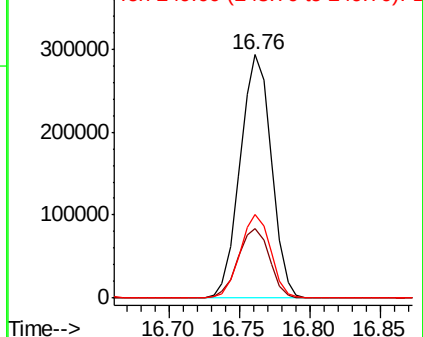


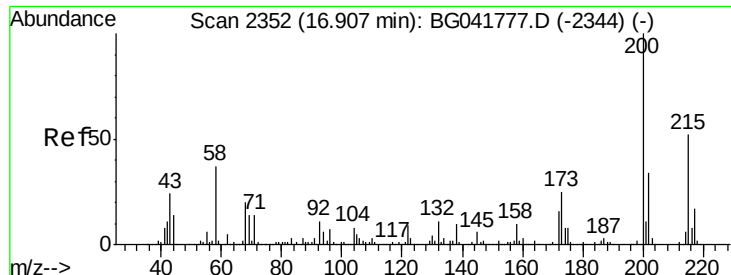
#68
Hexachlorobenzene
Concen: 42.957 ng
RT: 16.76 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion:284 Resp: 455281
Ion Ratio Lower Upper
284 100
142 28.6 27.0 40.6
249 34.4 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





#69

Atrazine

Concen: 35.783 ng

RT: 16.90 min Scan# 2351

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampleId :

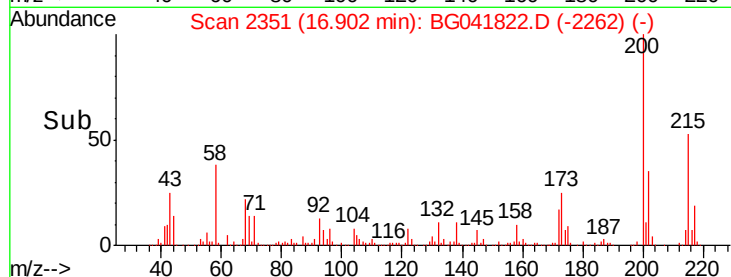
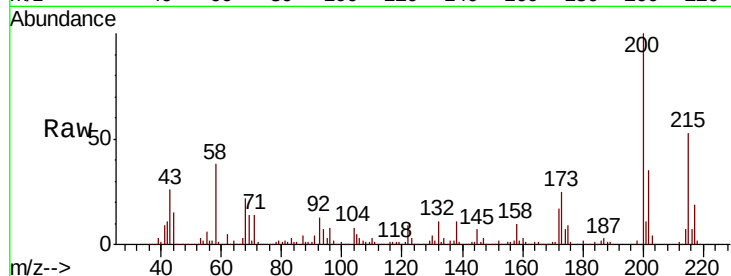
Tot Ion:200 Resp: 314958

Ion Ratio Lower Upper

200 100

173 25.4 5.3 45.3

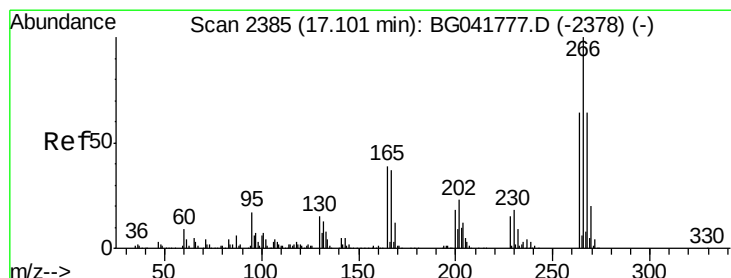
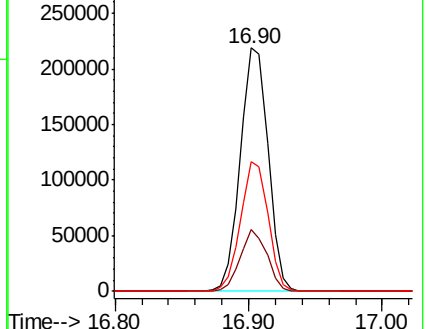
215 53.2 31.8 71.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 95.554 ng

RT: 17.10 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

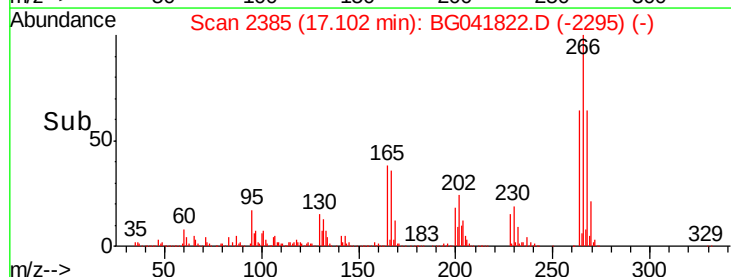
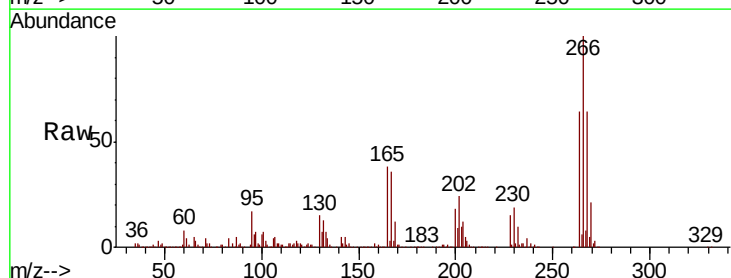
Tgt Ion:266 Resp: 575310

Ion Ratio Lower Upper

266 100

268 64.5 52.9 79.3

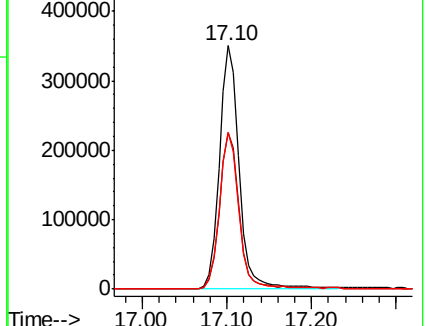
264 64.3 51.4 77.2

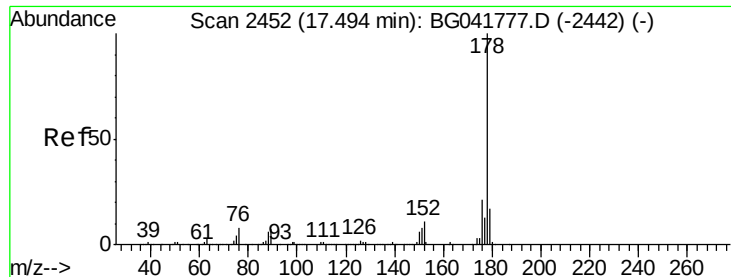


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

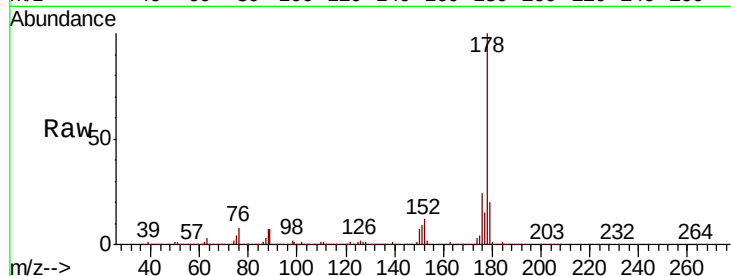




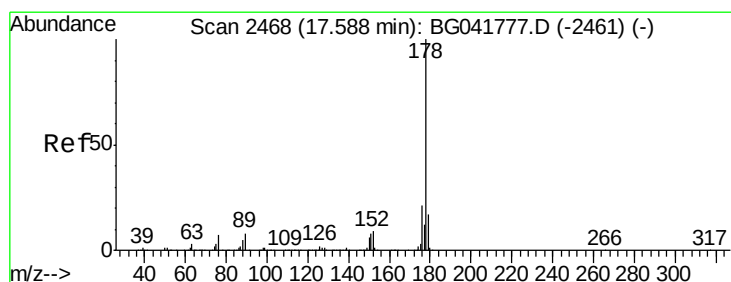
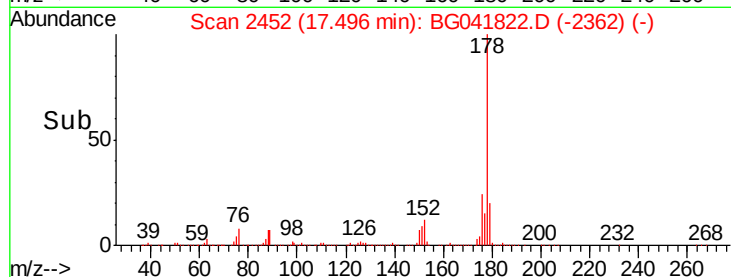
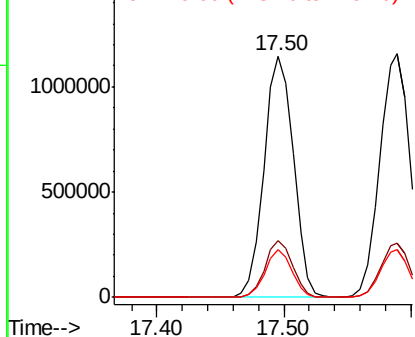
#71
Phenanthrene
Concen: 46.891 ng
RT: 17.50 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 1848512
Ion Ratio Lower Upper
178 100
176 23.6 18.6 28.0
179 19.7 15.4 23.0

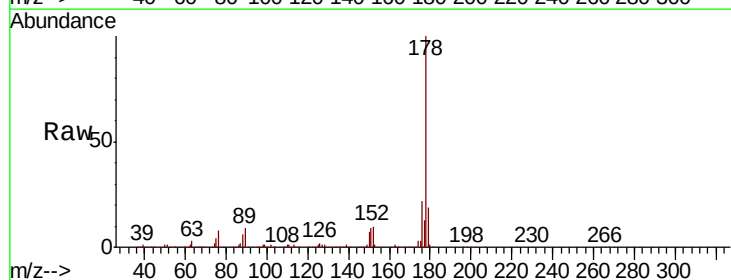


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

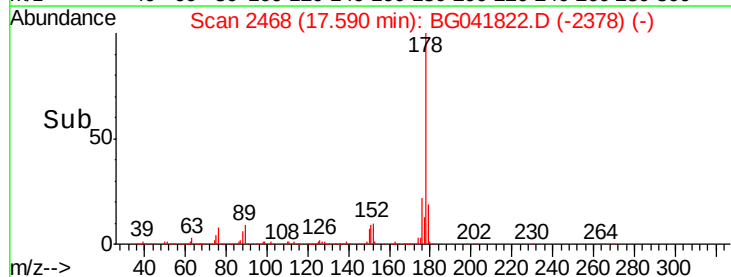
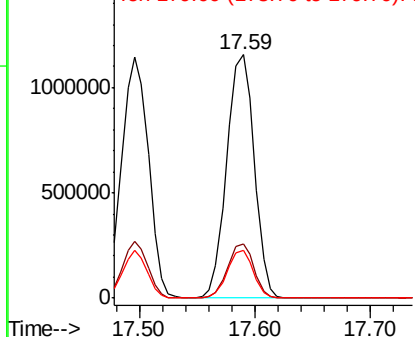


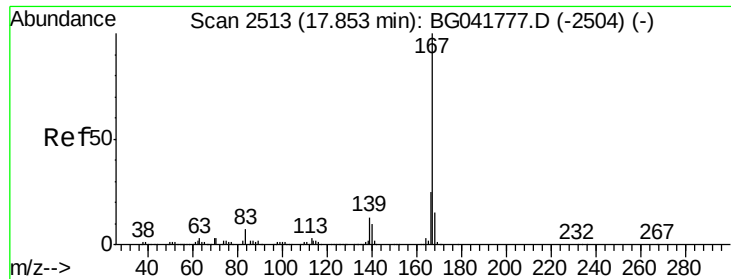
#72
Anthracene
Concen: 48.586 ng
RT: 17.59 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion:178 Resp: 1910208
Ion Ratio Lower Upper
178 100
176 22.3 18.6 28.0
179 19.5 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: 49.439 ng

RT: 17.85 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

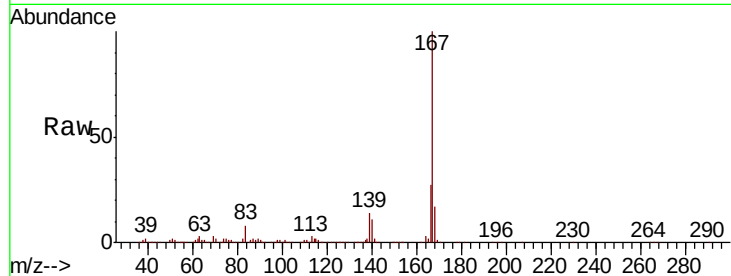
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1744599

Ion	Ratio	Lower	Upper
167	100		
166	26.8	21.4	32.2
139	14.2	12.1	18.1

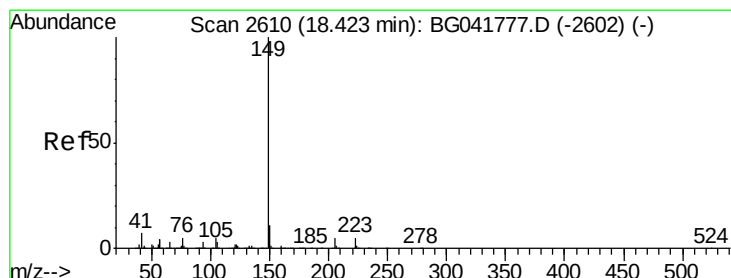
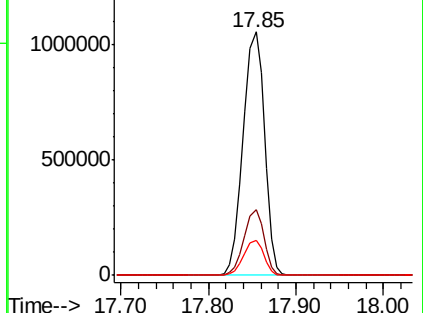
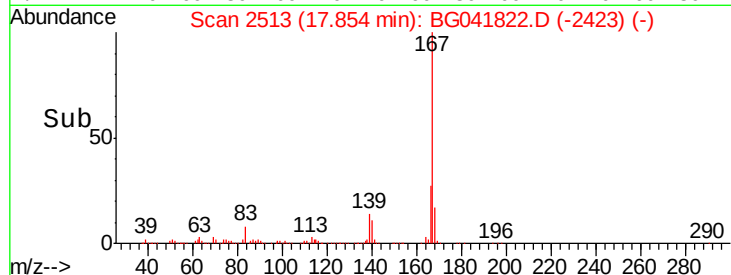


Abundance

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: 50.351 ng

RT: 18.42 min Scan# 2609

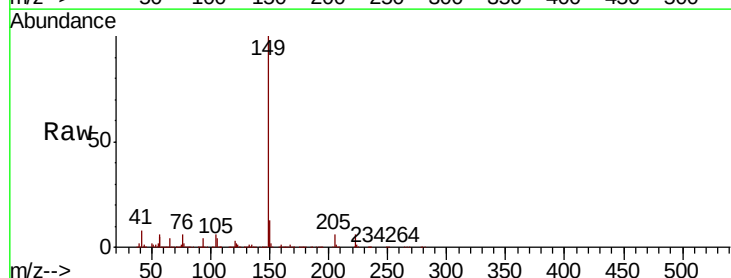
Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Tgt Ion:149 Resp: 2014310

Ion	Ratio	Lower	Upper
149	100		
150	13.0	10.2	15.2
104	6.5	5.3	7.9

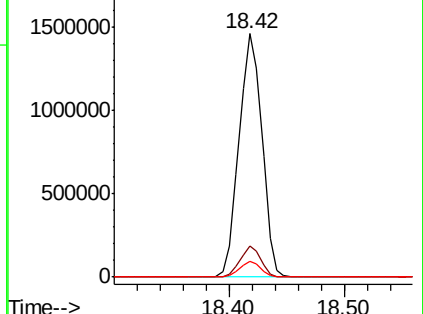
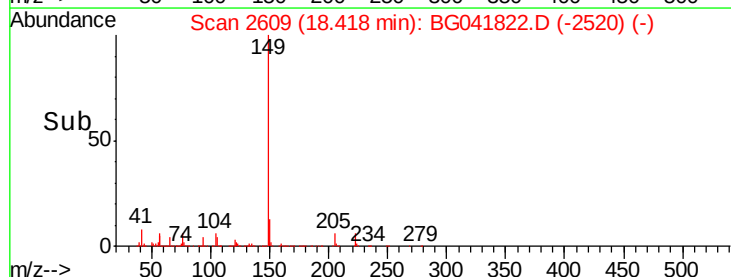


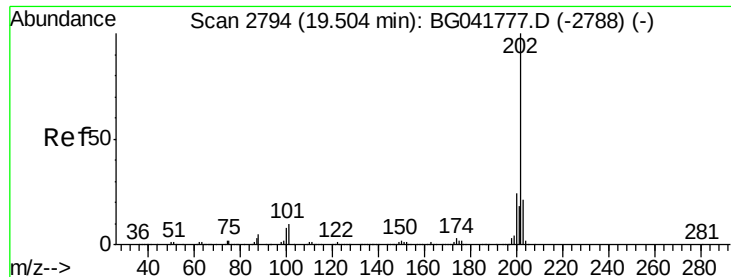
Abundance

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: 46.539 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampleId :

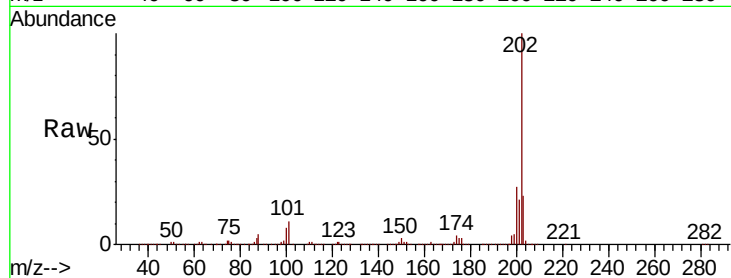
Tot Ion:202 Resp: 2230020

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	32.8
203	23.5	3.7	43.7

202 100

101 10.9 0.0 32.8

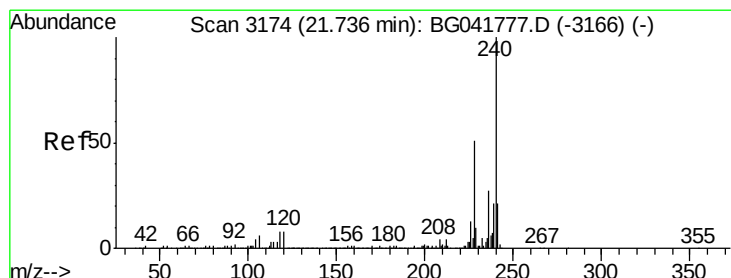
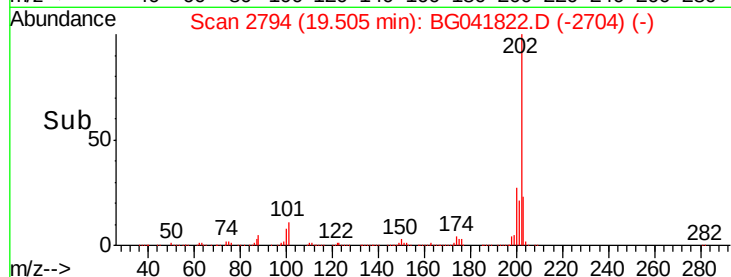
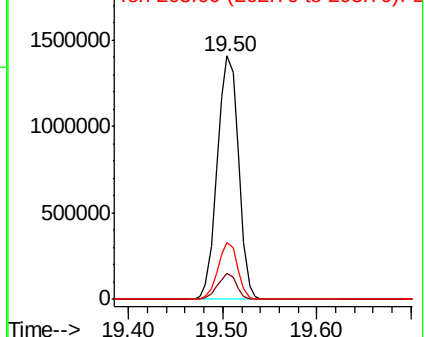
203 23.5 3.7 43.7



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: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

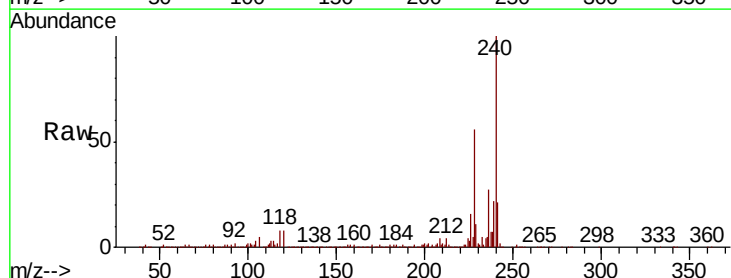
Tgt Ion:240 Resp: 660364

Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.0	12.0#
236	27.5	22.6	33.8

240 100

120 8.0 8.0 12.0#

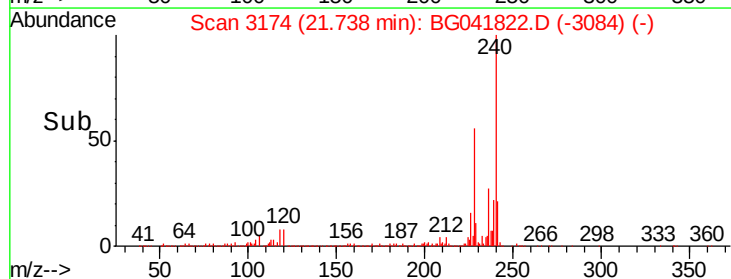
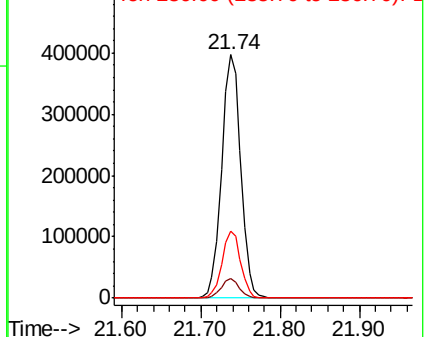
236 27.5 22.6 33.8

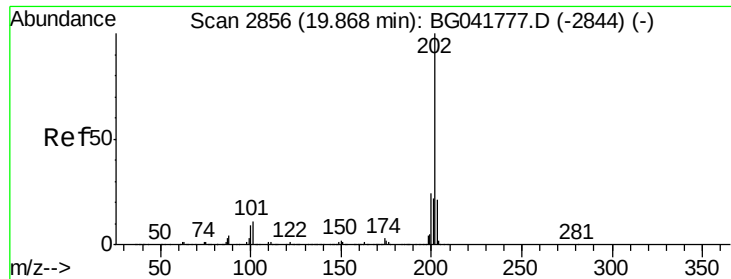


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 55.392 ng

RT: 19.87 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampleId :

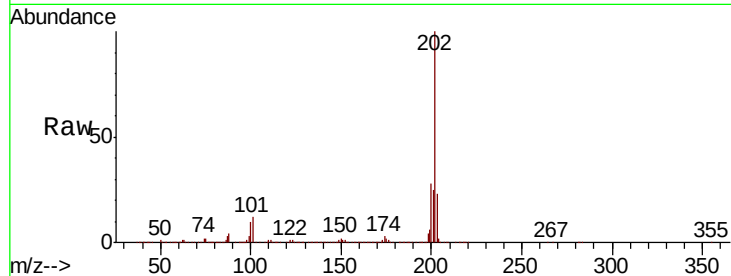
Tot Ion:202 Resp: 2167236

Ion Ratio Lower Upper

202 100

200 27.6 22.2 33.2

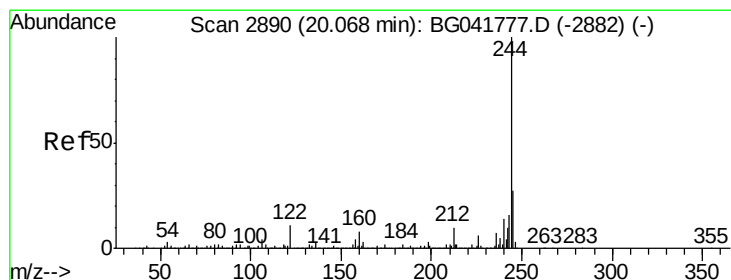
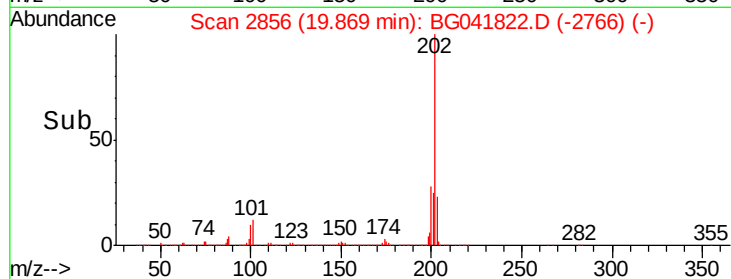
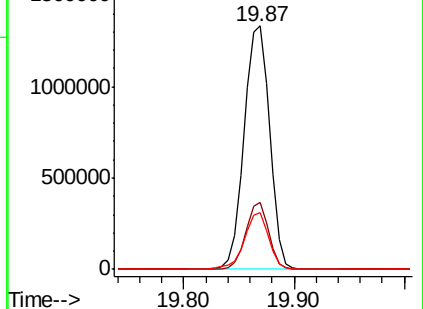
203 23.4 18.9 28.3



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: 96.314 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

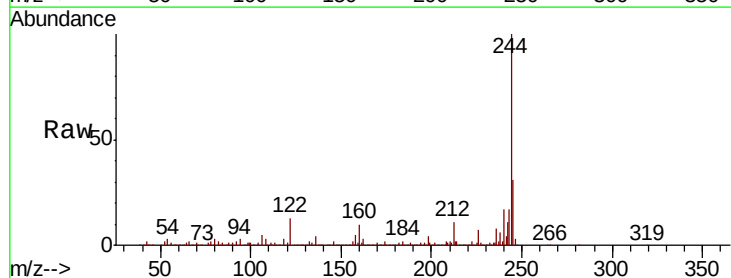
Tgt Ion:244 Resp: 2779505

Ion Ratio Lower Upper

244 100

212 11.4 9.7 14.5

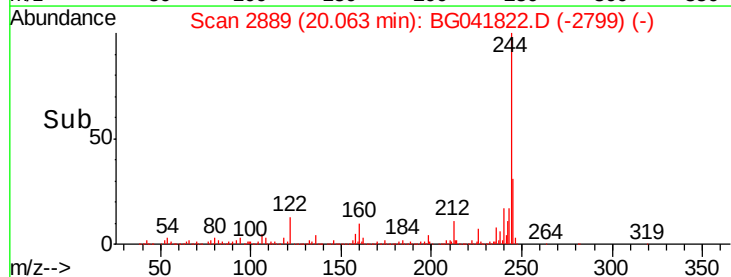
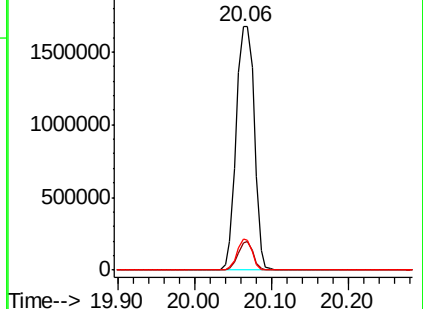
122 12.6 12.5 18.7

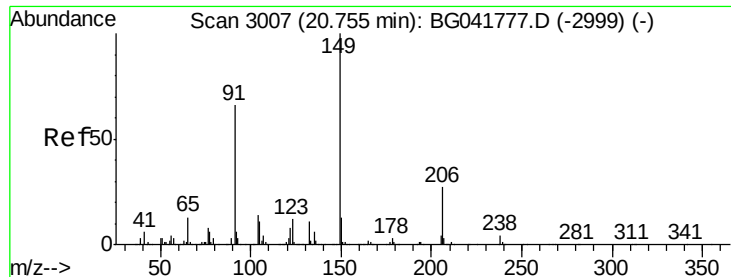


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

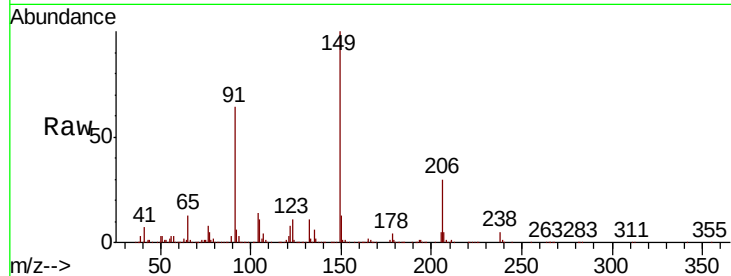




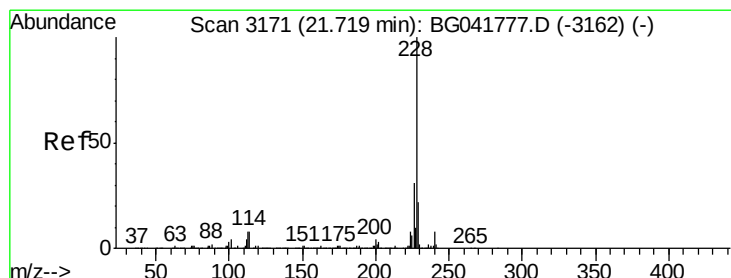
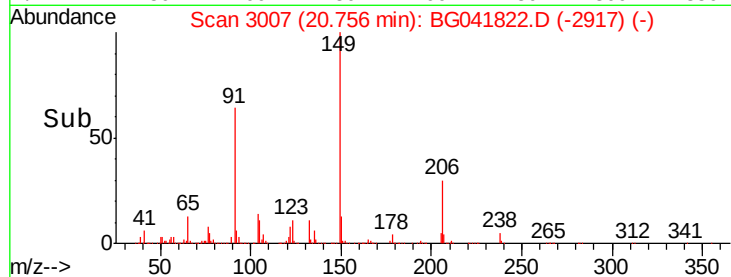
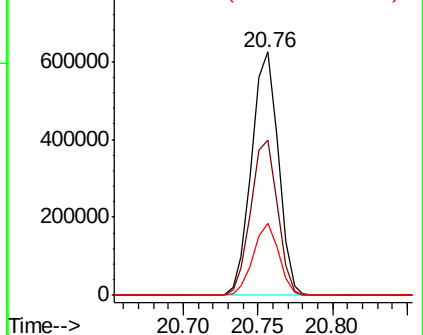
#80
Butylbenzylphthalate
Concen: 51.469 ng
RT: 20.76 min Scan# 3007
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 772082
Ion Ratio Lower Upper
149 100
91 63.7 58.9 88.3
206 29.6 20.8 31.2

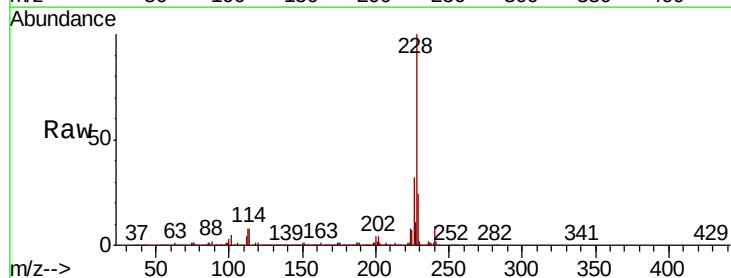


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

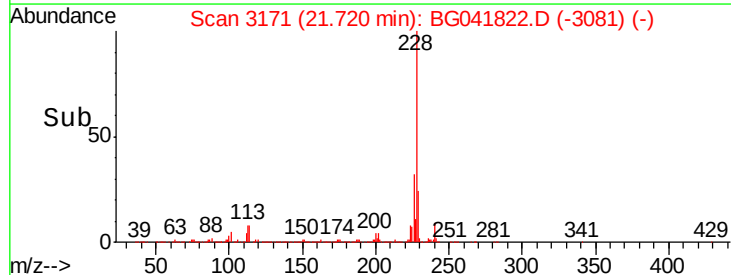
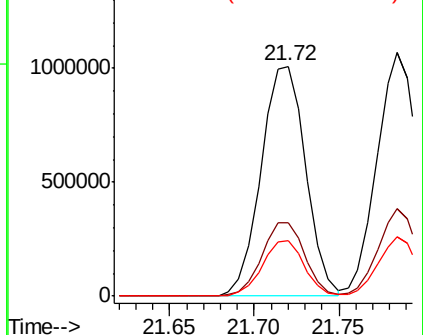


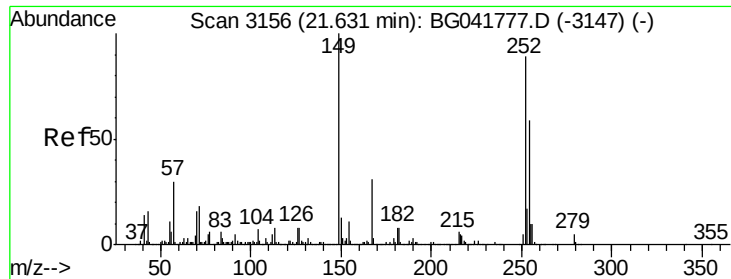
#81
Benzo(a)anthracene
Concen: 47.440 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion:228 Resp: 1853487
Ion Ratio Lower Upper
228 100
226 32.0 27.3 40.9
229 24.3 19.7 29.5



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





#82

3,3'-Dichlorobenzidine

Concen: 15.654 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampleId :

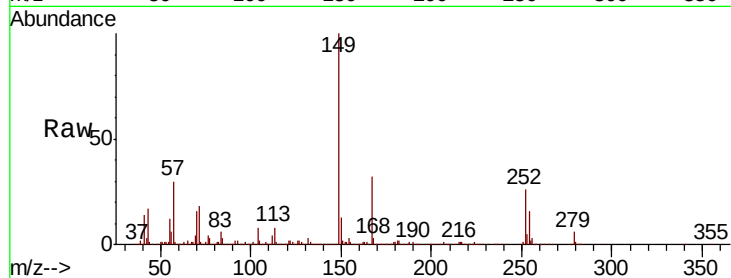
Tot Ion:252 Resp: 245554

Ion Ratio Lower Upper

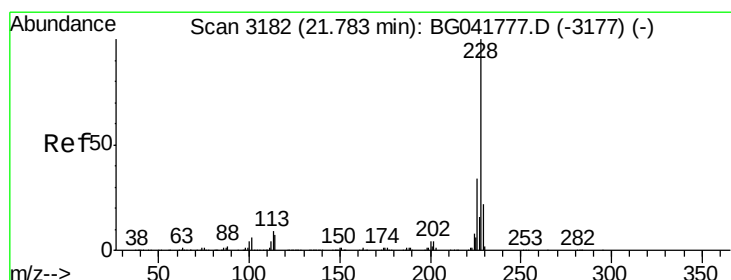
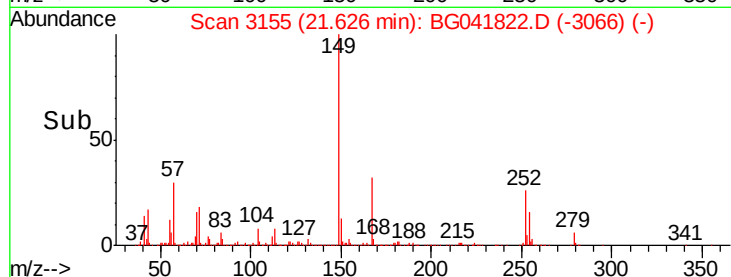
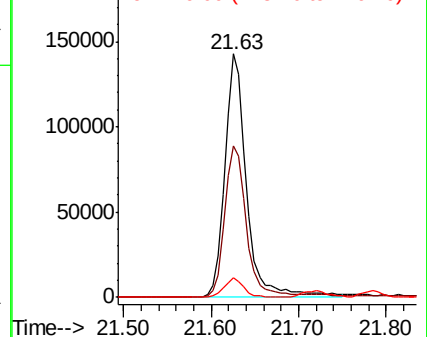
252 100

254 62.0 53.8 80.6

126 7.9 7.8 11.8



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



#83

Chrysene

Concen: 48.313 ng

RT: 21.78 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

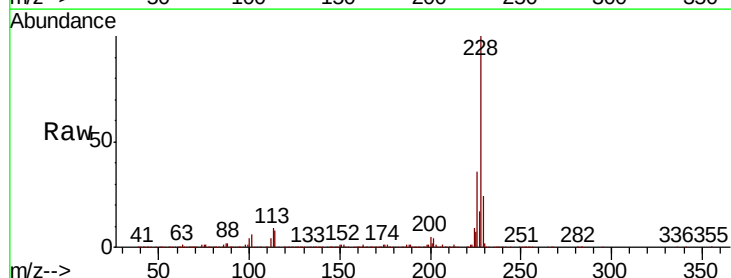
Tgt Ion:228 Resp: 1809386

Ion Ratio Lower Upper

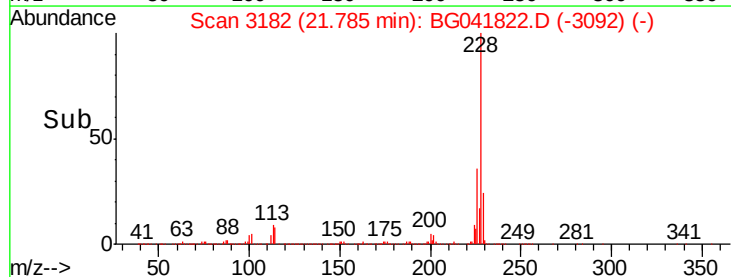
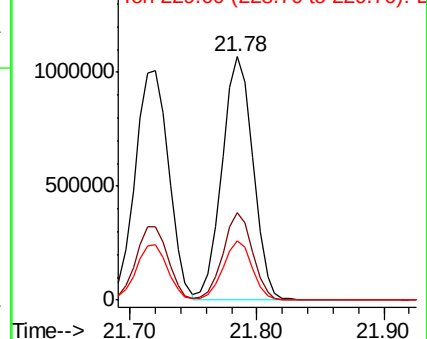
228 100

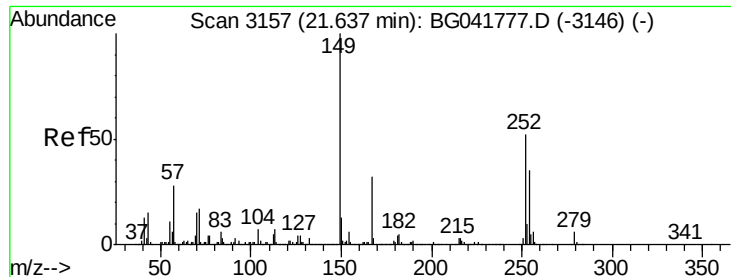
226 36.0 30.1 45.1

229 24.4 19.8 29.6



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 51.052 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampled :

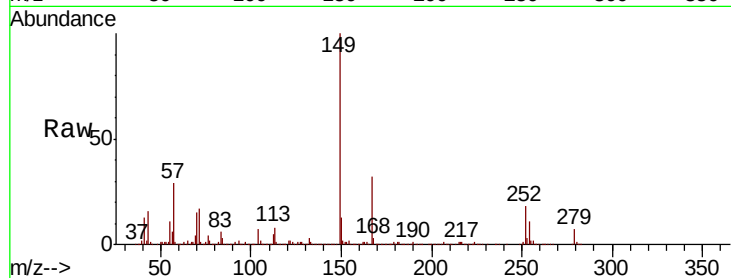
Tot Ion:149 Resp: 1056379

Ion	Ratio	Lower	Upper
149	100		
167	32.4	27.0	40.4
279	6.7	5.0	7.6

149 100

167 32.4 27.0 40.4

279 6.7 5.0 7.6

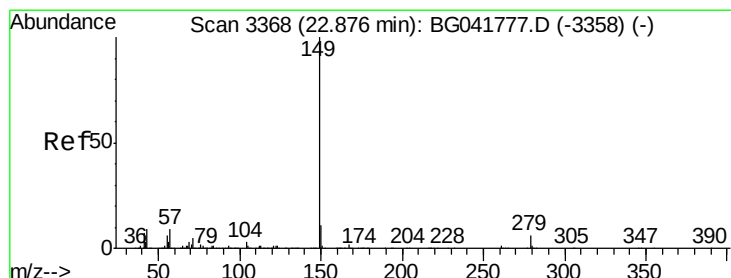
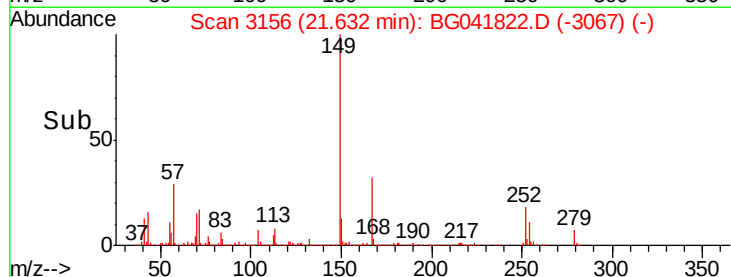
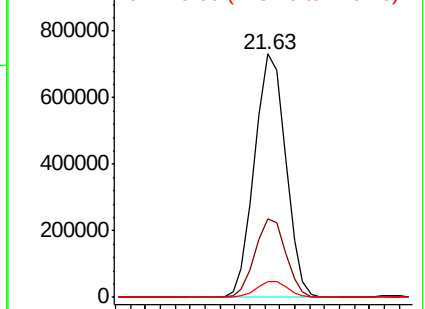


Abundance

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: 52.637 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

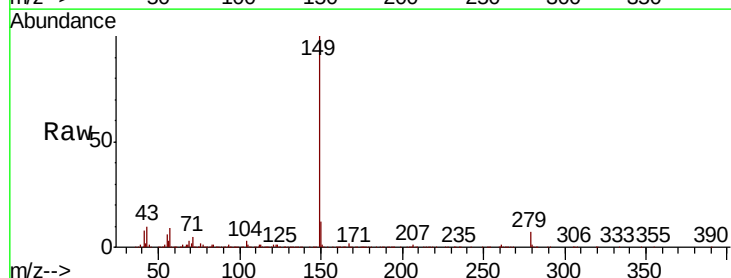
Tgt Ion:149 Resp: 1833038

Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.6	2.4
43	9.5	10.6	16.0

149 100

167 1.9 1.6 2.4

43 9.5 10.6 16.0

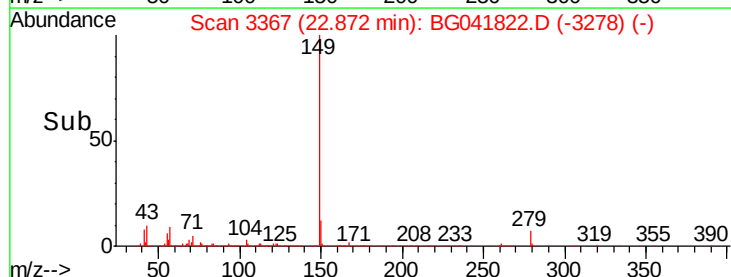
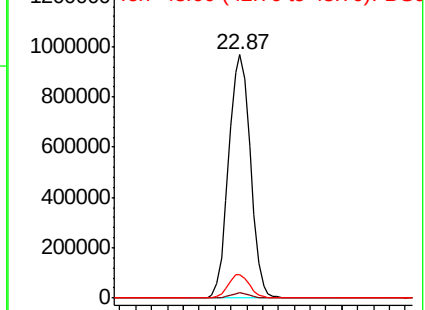


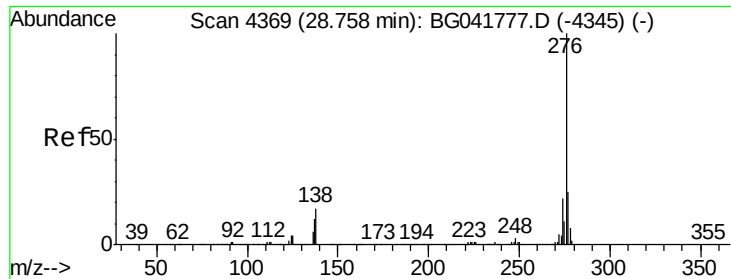
Abundance

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



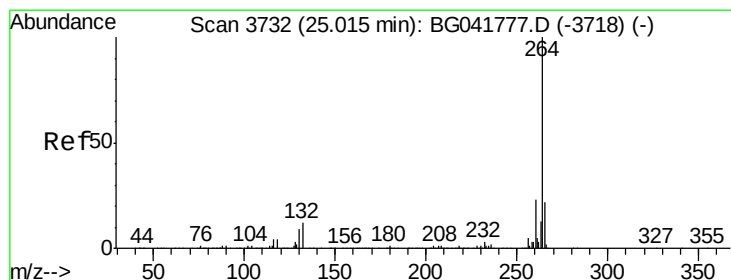
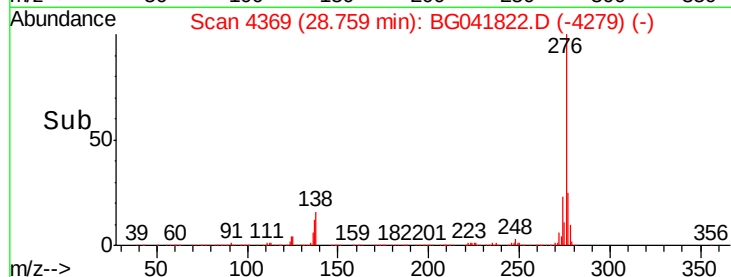
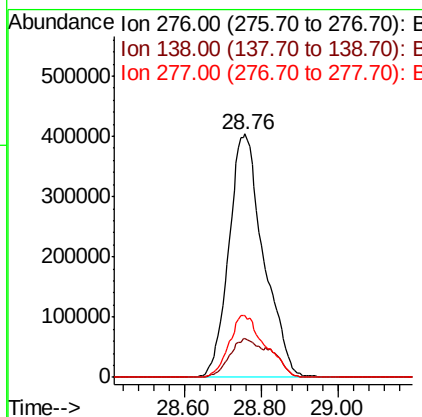
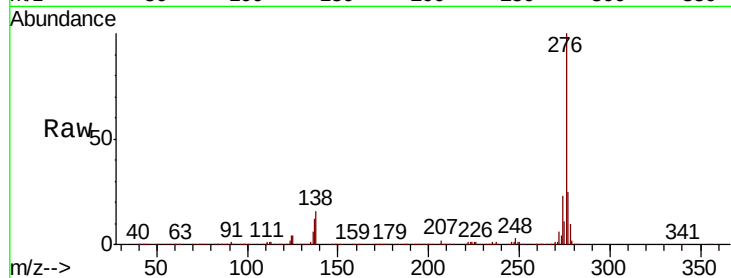


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 51.043 ng
 RT: 28.76 min Scan# 4369
 Delta R.T. 0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:276 Resp: 2530587

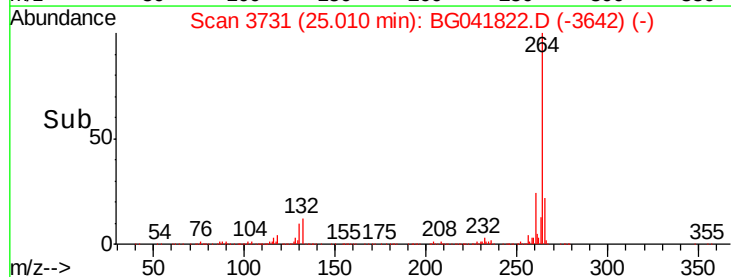
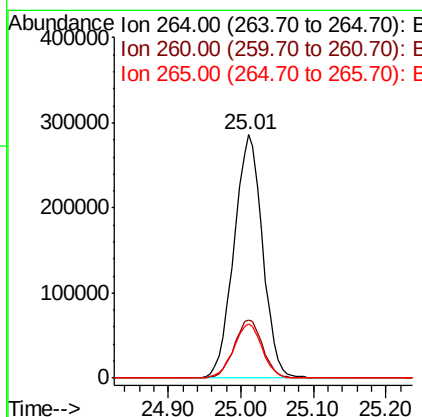
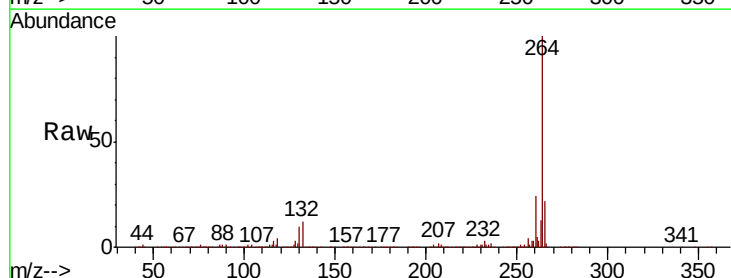
Ion	Ratio	Lower	Upper
276	100		
138	13.6	19.4	29.0#
277	26.6	21.2	31.8

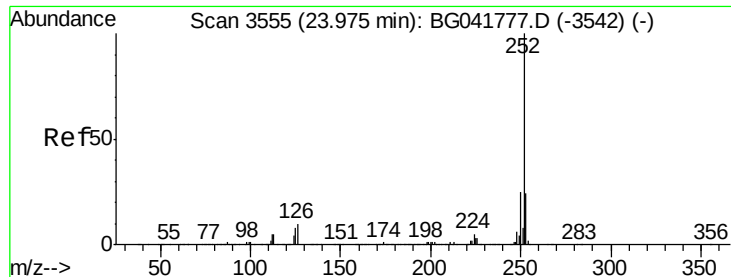


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3731
 Delta R.T. -0.00 min
 Lab File: BG041822.D
 Acq: 31 Jul 2019 4:14

Tgt Ion:264 Resp: 783480

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.3	18.0	27.0





#88

Benzo(b)fluoranthene

Concen: 47.939 ng

RT: 24.05 min Scan# 3567

Delta R.T. 0.07 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampleId :

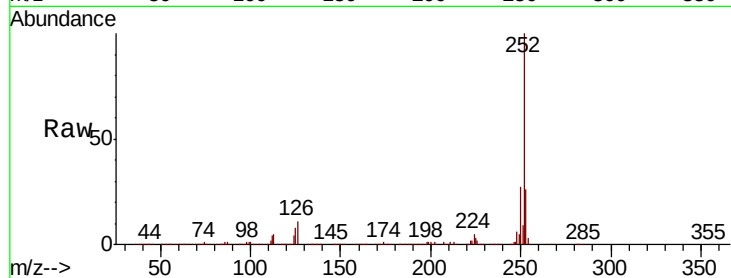
Tot Ion:252 Resp: 2054671

Ion Ratio Lower Upper

252 100

253 26.2 20.6 30.8

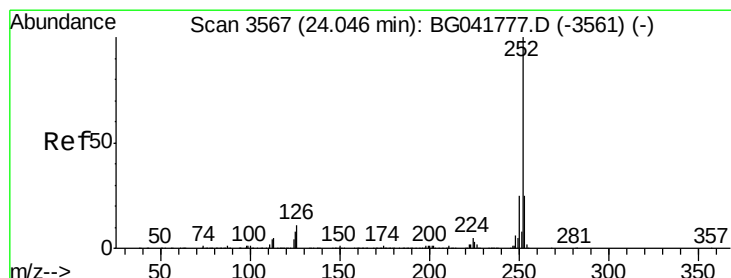
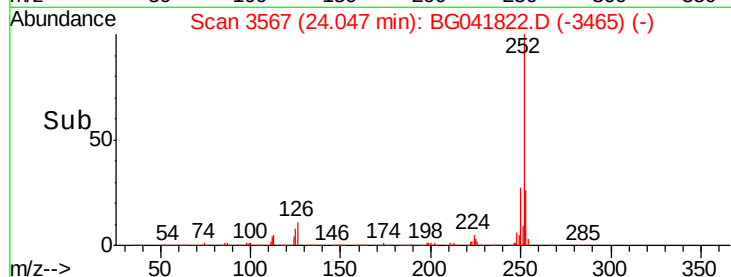
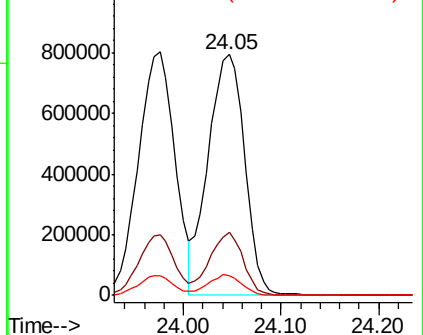
125 8.4 8.0 12.0



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: 49.214 ng

RT: 24.05 min Scan# 3567

Delta R.T. 0.00 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

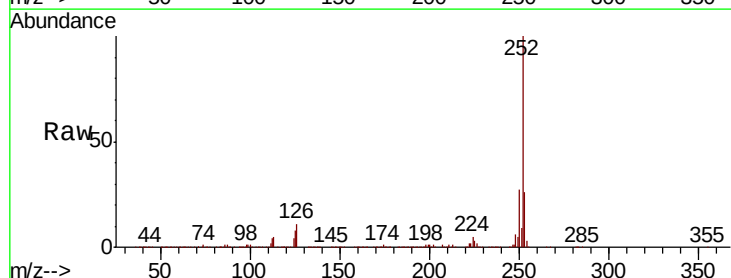
Tgt Ion:252 Resp: 2054671

Ion Ratio Lower Upper

252 100

253 26.2 20.5 30.7

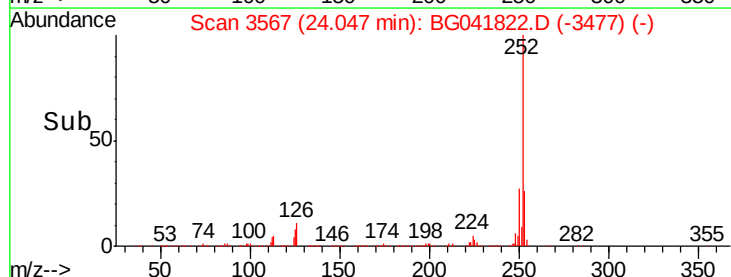
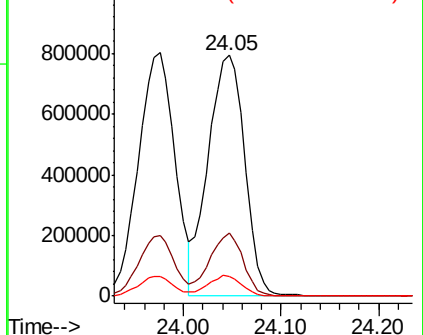
125 8.4 8.4 12.6#

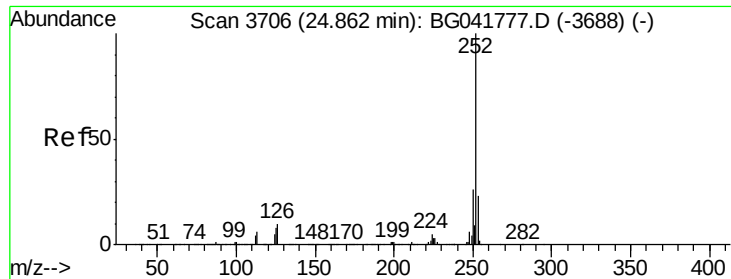


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

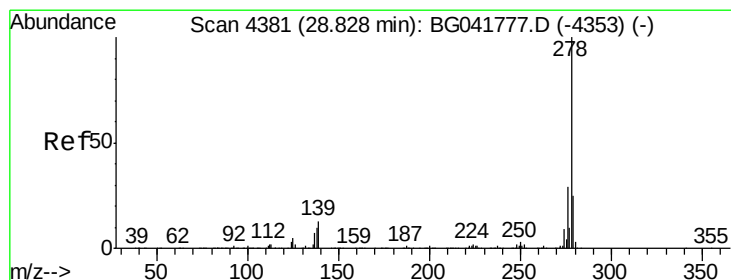
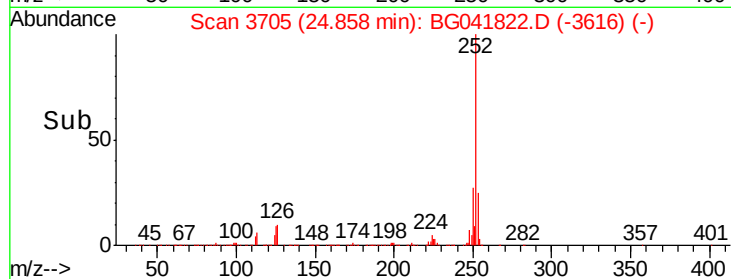
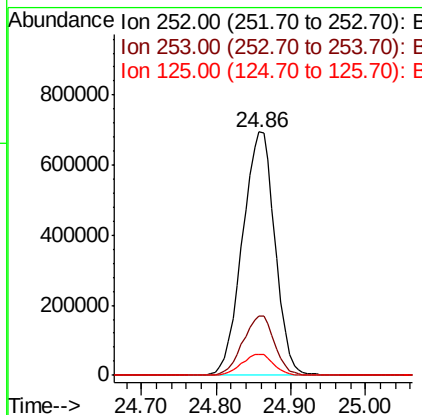
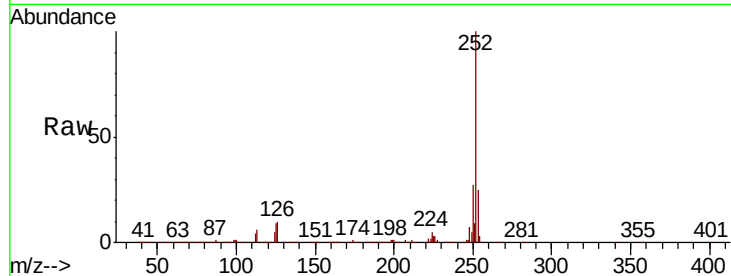




#90
Benzo(a)pyrene
Concen: 50.878 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

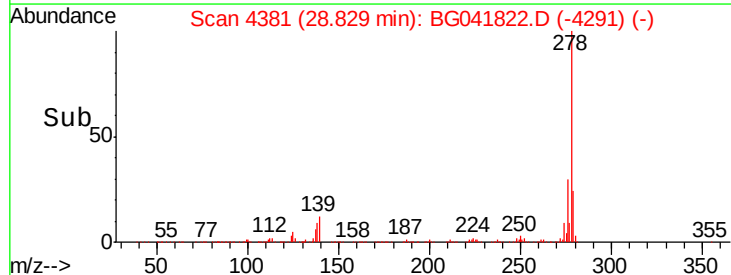
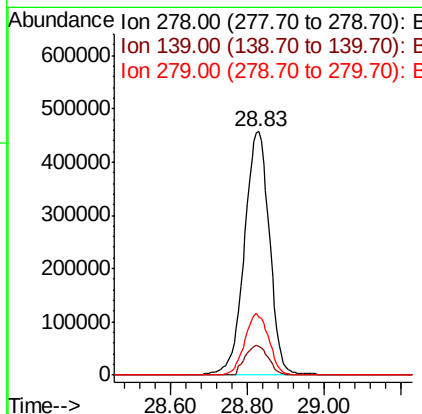
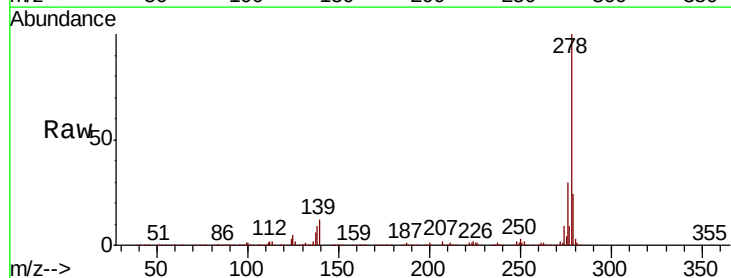
Instrument :
BNA_G
ClientSampleId :

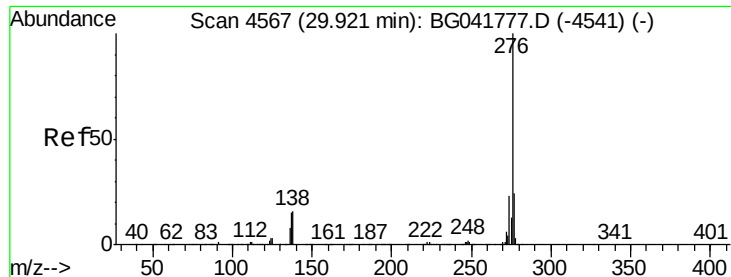
Tot Ion:252 Resp: 2091391
Ion Ratio Lower Upper
252 100
253 24.6 19.8 29.8
125 8.6 8.8 13.2#



#91
Dibenzo(a,h)anthracene
Concen: 51.149 ng
RT: 28.83 min Scan# 4381
Delta R.T. 0.00 min
Lab File: BG041822.D
Acq: 31 Jul 2019 4:14

Tgt Ion:278 Resp: 2064468
Ion Ratio Lower Upper
278 100
139 11.8 12.6 19.0#
279 23.8 20.5 30.7





#92

Benzo(a,h,i)perylene

Concen: 52.044 ng

RT: 29.93 min Scan# 4568

Delta R.T. 0.01 min

Lab File: BG041822.D

Acq: 31 Jul 2019 4:14

Instrument :

BNA_G

ClientSampleId :

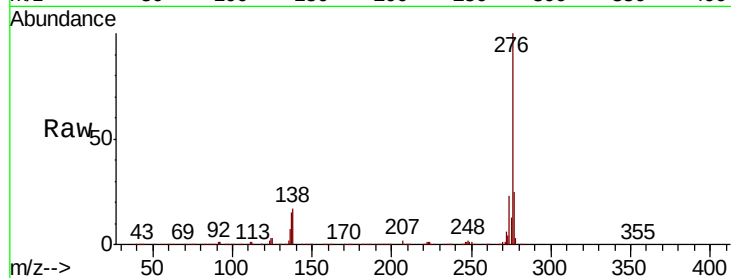
Tot Ion:276 Resp: 2098671

Ion Ratio Lower Upper

276 100

277 25.0 19.8 29.8

138 16.7 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

