

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042435.D
 Acq On : 23 Aug 2019 16:13
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 23 17:24:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	102526	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	428734	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	292902	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	606967	20.00	ng	0.00
76) Chrysene-d12	21.70	240	415317	20.00	ng	0.00
87) Perylene-d12	24.93	264	495525	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	444275	87.76	ng	0.00
7) Phenol-d6	7.17	99	590305	86.33	ng	0.00
23) Nitrobenzene-d5	9.17	82	506212	81.59	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	266525	64.02	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1345509	77.69	ng	0.00
79) Terphenyl-d14	20.03	244	1614997	84.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	95295	45.108	ng	98
3) Pyridine	3.82	79	263233	48.592	ng	97
4) n-Nitrosodimethylamine	3.74	42	78352	40.496	ng	# 74
6) Aniline	7.32	93	400704	43.935	ng	99
8) 2-Chlorophenol	7.57	128	258213	42.088	ng	98
9) Benzaldehyde	7.13	77	141213	41.249	ng	98
10) Phenol	7.19	94	303339	43.630	ng	96
11) bis(2-Chloroethyl)ether	7.41	93	243107	44.523	ng	98
12) 1,3-Dichlorobenzene	7.89	146	317469	40.677	ng	100
13) 1,4-Dichlorobenzene	8.04	146	312836	39.572	ng	96
14) 1,2-Dichlorobenzene	8.36	146	300604	39.706	ng	99
15) Benzyl Alcohol	8.24	79	193368	39.306	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	326418	44.106	ng	99
17) 2-Methylphenol	8.45	107	216783	42.333	ng	94
18) Hexachloroethane	9.09	117	112312	41.499	ng	90
19) n-Nitroso-di-n-propylamine	8.81	70	182314	41.154	ng	98
20) 3+4-Methylphenols	8.78	107	304233	42.934	ng	98
22) Acetophenone	8.83	105	375812	40.983	ng	# 98
24) Nitrobenzene	9.21	77	258034	41.071	ng	97
25) Isophorone	9.74	82	510486	41.692	ng	98
26) 2-Nitrophenol	9.93	139	160295	40.714	ng	97
27) 2,4-Dimethylphenol	9.99	122	224263	41.351	ng	95
28) bis(2-Chloroethoxy)methane	10.22	93	338893	43.914	ng	99
29) 2,4-Dichlorophenol	10.47	162	275914	38.885	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	321529	36.917	ng	98
31) Naphthalene	10.87	128	810788	40.733	ng	99
32) Benzoic acid	10.14	122	142975	38.312	ng	93
33) 4-Chloroaniline	10.98	127	377995	41.137	ng	99
34) Hexachlorobutadiene	11.17	225	194819	33.283	ng	99
35) Caprolactam	11.75	113	98271	41.505	ng	98
36) 4-Chloro-3-methylphenol	12.11	107	265300	39.386	ng	98
37) 2-Methylnaphthalene	12.48	142	634617	39.706	ng	98
38) 1-Methylnaphthalene	12.71	142	595333	39.214	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	337971	35.931	ng	# 98

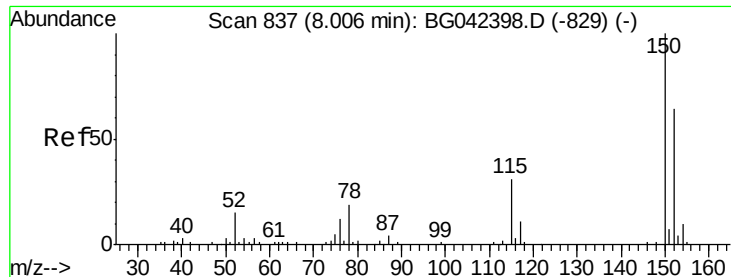
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042435.D
 Acq On : 23 Aug 2019 16:13
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 23 17:24:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	164689	33.332	ng	97
43) 2,4,6-Trichlorophenol	13.09	196	241013	37.907	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	247921	37.629	ng	96
46) 1,1'-Biphenyl	13.49	154	786116	41.520	ng	97
47) 2-Chloronaphthalene	13.53	162	664558	40.706	ng	96
48) 2-Nitroaniline	13.74	65	172129	43.723	ng	97
49) Acenaphthylene	14.38	152	1004751	40.908	ng	97
50) Dimethylphthalate	14.11	163	832262	39.380	ng	100
51) 2,6-Dinitrotoluene	14.23	165	196651	40.144	ng	93
52) Acenaphthene	14.73	154	613754	41.153	ng	99
53) 3-Nitroaniline	14.56	138	210897	43.047	ng	98
54) 2,4-Dinitrophenol	14.77	184	101728	34.657	ng	94
55) Dibenzofuran	15.06	168	967067	39.173	ng	97
56) 4-Nitrophenol	14.89	139	151439	43.502	ng	89
57) 2,4-Dinitrotoluene	15.03	165	277088	39.500	ng	97
58) Fluorene	15.71	166	785396	38.919	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	224711	34.488	ng	94
60) Diethylphthalate	15.47	149	803027	38.869	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	439802	36.153	ng	99
62) 4-Nitroaniline	15.73	138	222007	42.341	ng	91
63) Azobenzene	16.00	77	606854	42.868	ng	95
65) 4,6-Dinitro-2-methylphenol	15.80	198	147870	38.858	ng	94
66) n-Nitrosodiphenylamine	15.91	169	722379	43.277	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	289717	37.631	ng	97
68) Hexachlorobenzene	16.73	284	305691	36.525	ng	# 93
69) Atrazine	16.87	200	213102	36.102	ng	98
70) Pentachlorophenol	17.07	266	157168	36.142	ng	99
71) Phenanthrene	17.45	178	1228676	40.753	ng	97
72) Anthracene	17.55	178	1236923	41.097	ng	96
73) Carbazole	17.82	167	1156967	43.131	ng	99
74) Di-n-butylphthalate	18.37	149	1345928	42.446	ng	98
75) Fluoranthene	19.47	202	1207556	32.819	ng	98
77) Benzidine	19.65	184	547457	45.977	ng	100
78) Pyrene	19.83	202	1186797	46.609	ng	98
80) Butylbenzylphthalate	20.71	149	459425	45.873	ng	96
81) Benzo(a)anthracene	21.67	228	1054426	41.735	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	407333	40.088	ng	99
83) Chrysene	21.74	228	1026538	42.131	ng	97
84) Bis(2-ethylhexyl)phthalate	21.58	149	619300	44.537	ng	100
85) Di-n-octyl phthalate	22.79	149	1041266	43.538	ng	100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1317210	39.781	ng	# 98
88) Benzo(b)fluoranthene	23.91	252	1112607	40.841	ng	# 97
89) Benzo(k)fluoranthene	23.98	252	1083681	41.385	ng	99
90) Benzo(a)pyrene	24.78	252	1076312	41.636	ng	99
91) Dibenzo(a,h)anthracene	28.71	278	1069281	40.853	ng	# 97
92) Benzo(g,h,i)perylene	29.80	276	1058162	40.422	ng	97

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

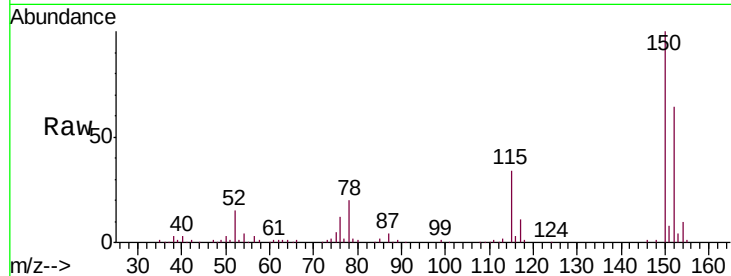


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.4	188.0
115	52.3	38.5	57.7

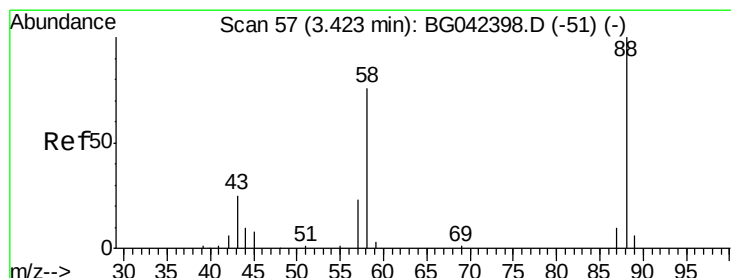
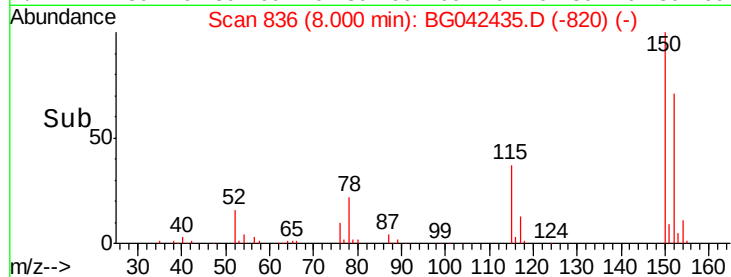
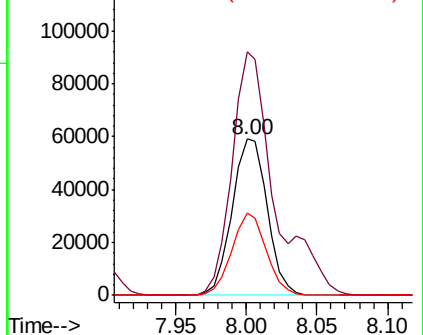


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

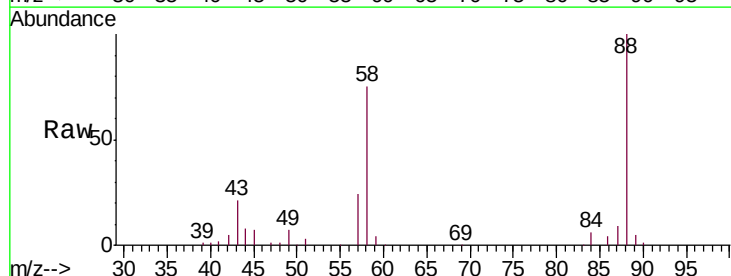
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 45.108 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	58.3	87.5
43	22.4	20.2	30.2

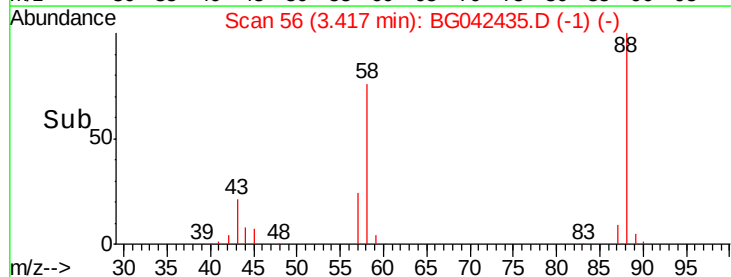
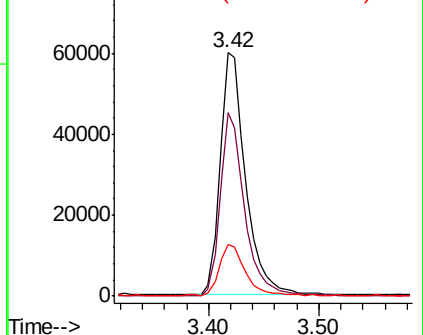


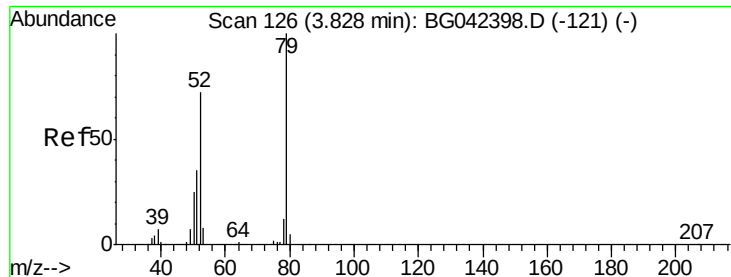
Abundance

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: 48.592 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Instrument :

BNA_G

ClientSampleId :

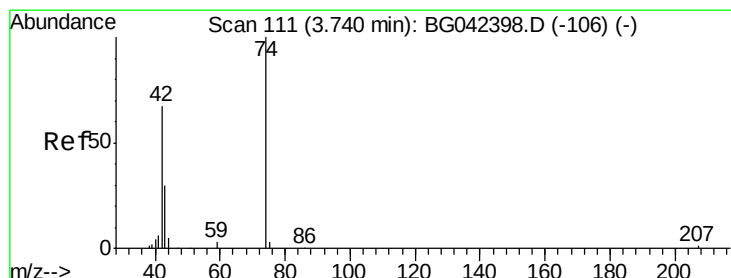
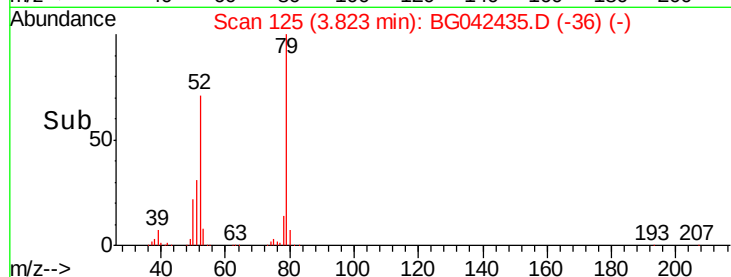
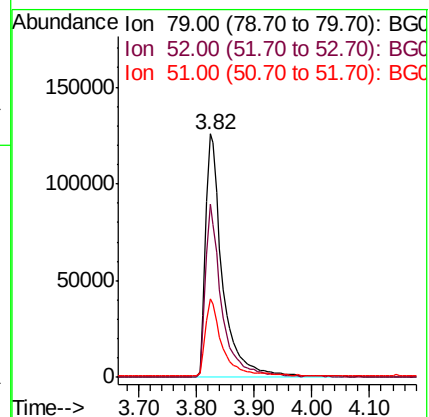
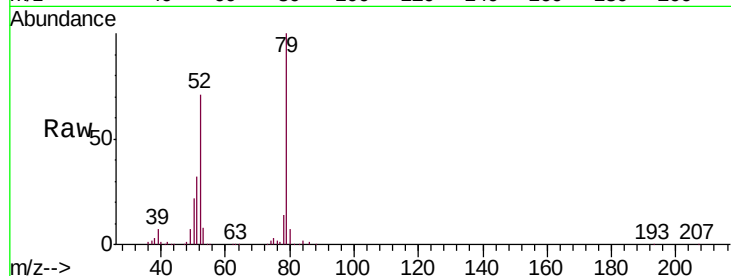
Tot Ion: 79 Resp: 263233

Ion Ratio Lower Upper

79 100

52 71.1 57.7 86.5

51 32.3 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 40.496 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

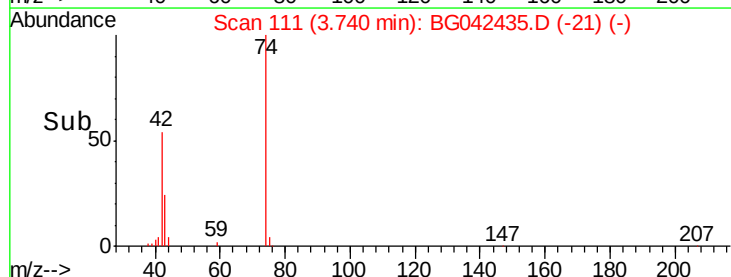
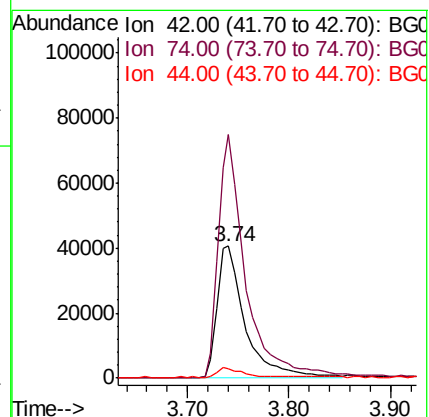
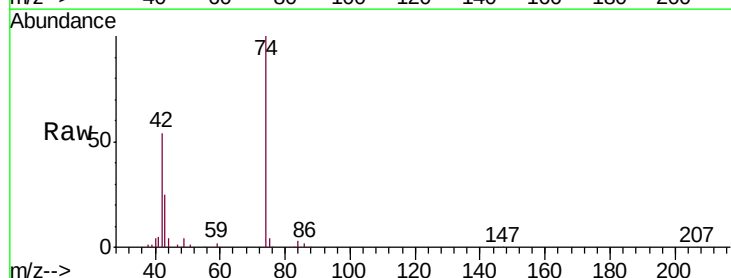
Tgt Ion: 42 Resp: 78352

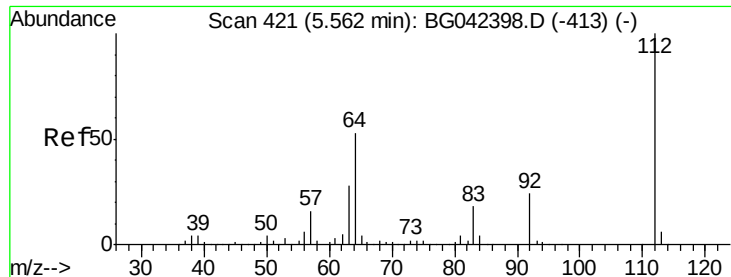
Ion Ratio Lower Upper

42 100

74 184.7 119.6 179.4#

44 7.5 6.5 9.7





#5

2-Fluorophenol

Concen: 87.762 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Instrument :

BNA_G

ClientSampled :

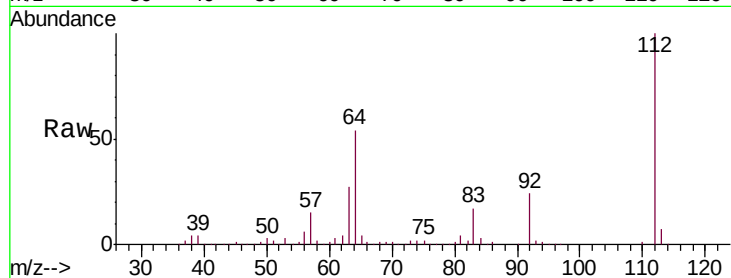
Tot Ion:112 Resp: 444275

Ion Ratio Lower Upper

112 100

64 54.2 42.8 64.2

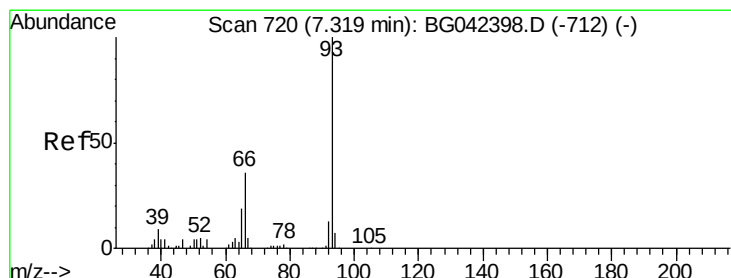
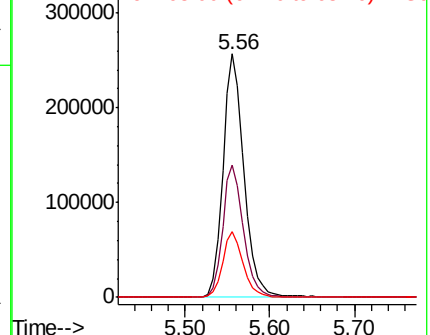
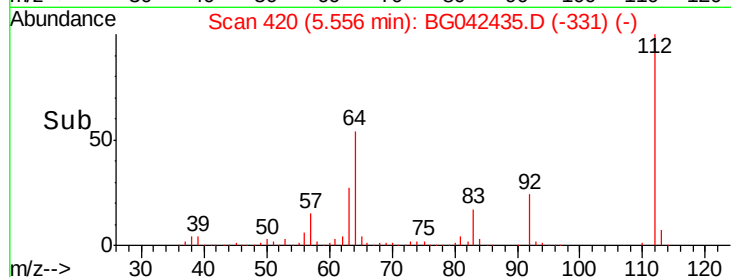
63 27.0 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG



#6

Aniline

Concen: 43.935 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

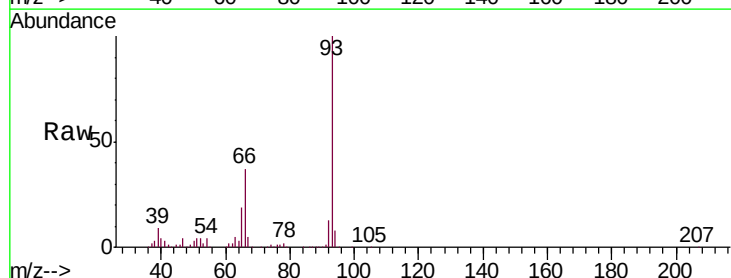
Tgt Ion: 93 Resp: 400704

Ion Ratio Lower Upper

93 100

66 36.8 29.0 43.6

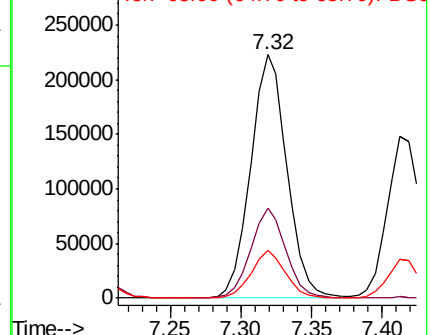
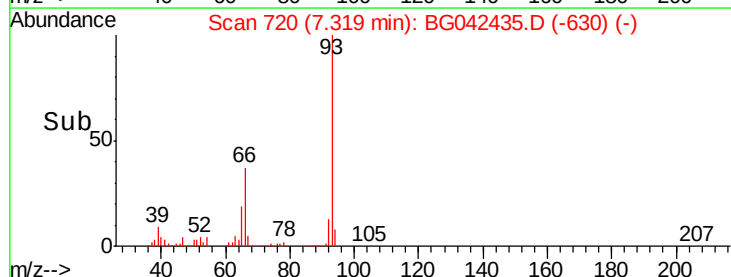
65 19.5 15.2 22.8

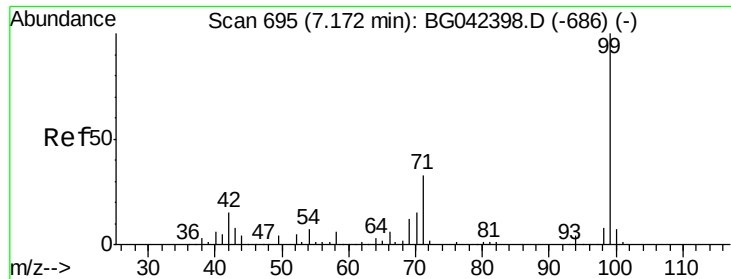


Abundance Ion 93.00 (92.70 to 93.70): BG

Ion 66.00 (65.70 to 66.70): BG

Ion 65.00 (64.70 to 65.70): BG





#7

Phenol-d6

Concen: 86.327 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Instrument :

BNA_G

ClientSampleId :

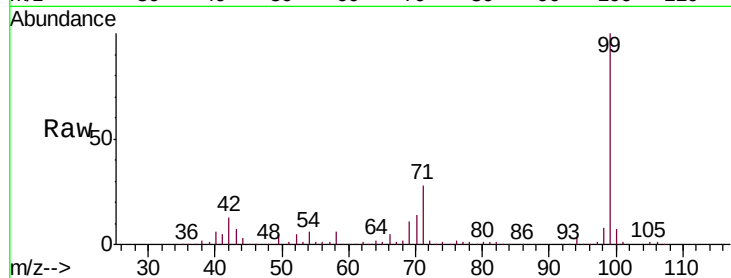
Tot Ion: 99 Resp: 590305

Ion Ratio Lower Upper

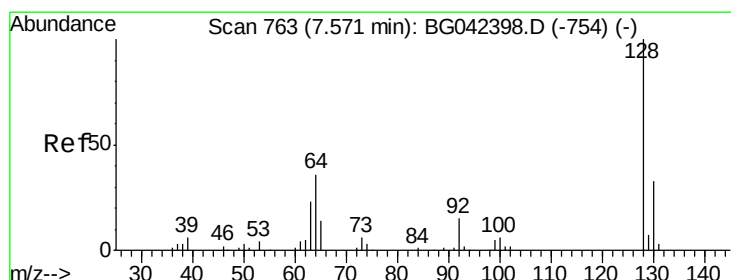
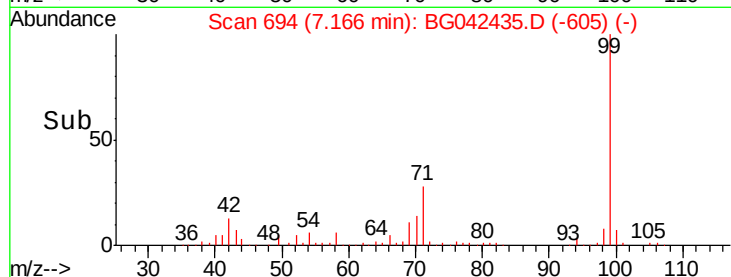
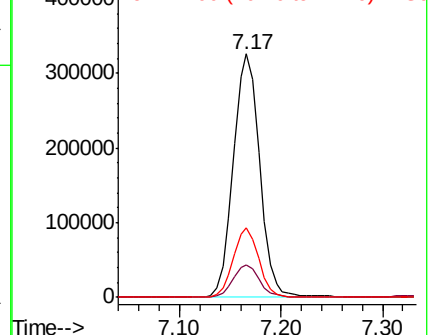
99 100

42 13.3 12.0 18.0

71 28.3 26.3 39.5



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: 42.088 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

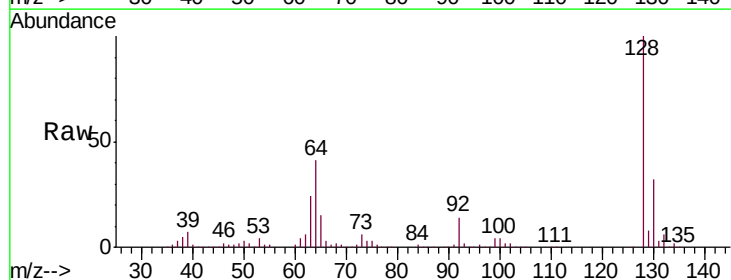
Tgt Ion: 128 Resp: 258213

Ion Ratio Lower Upper

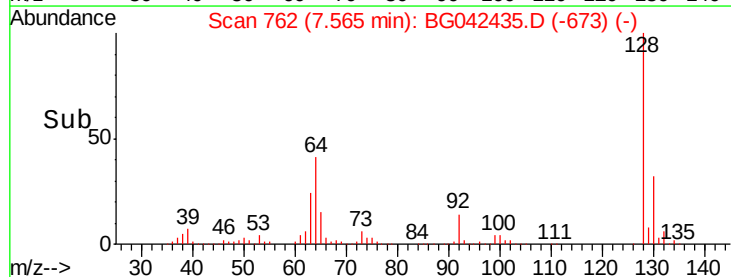
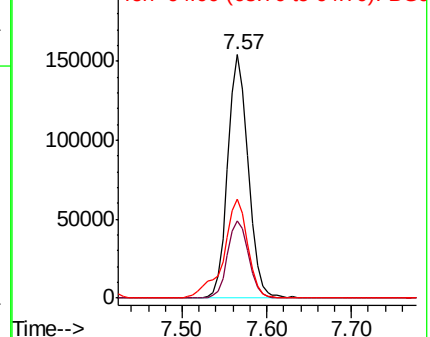
128 100

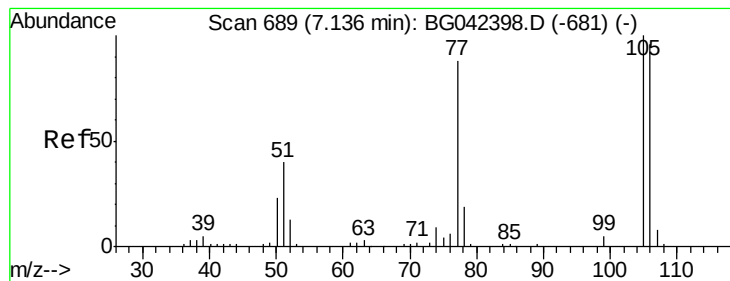
130 31.6 12.8 52.8

64 40.8 19.2 59.2



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: 41.249 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Instrument :

BNA_G

ClientSampled :

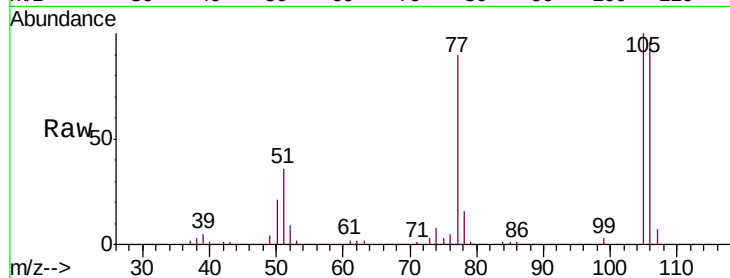
Tot Ion: 77 Resp: 141213

Ion Ratio Lower Upper

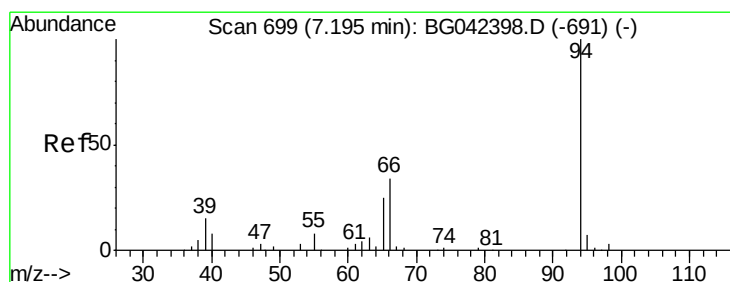
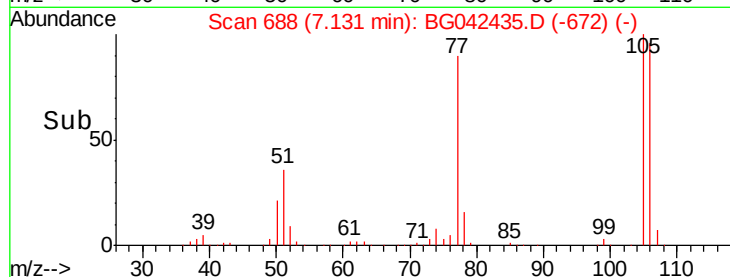
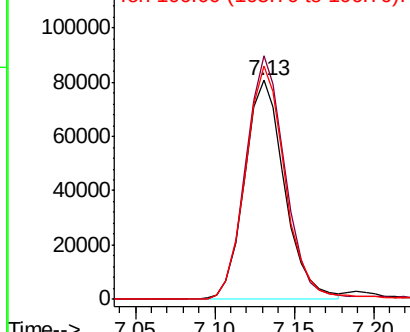
77 100

105 111.2 93.4 133.4

106 106.4 88.4 128.4



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



#10

Phenol

Concen: 43.630 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

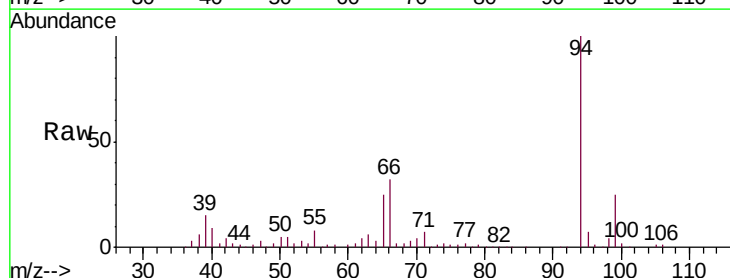
Tgt Ion: 94 Resp: 303339

Ion Ratio Lower Upper

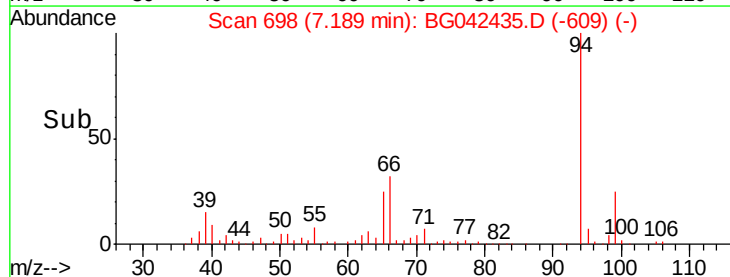
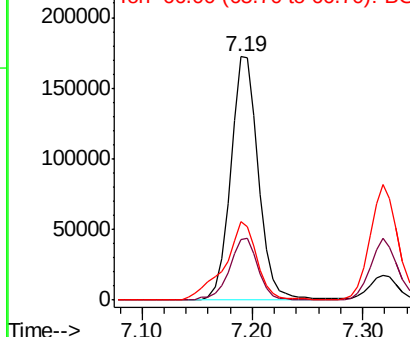
94 100

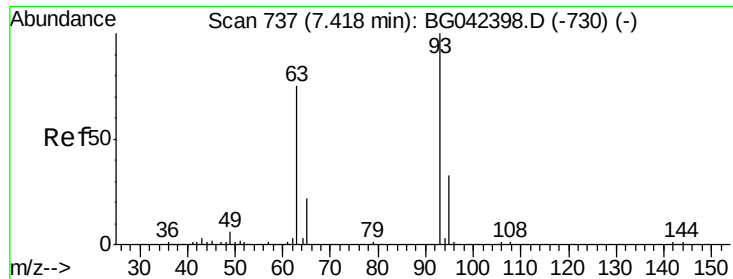
65 25.1 5.6 45.6

66 32.3 16.0 56.0



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

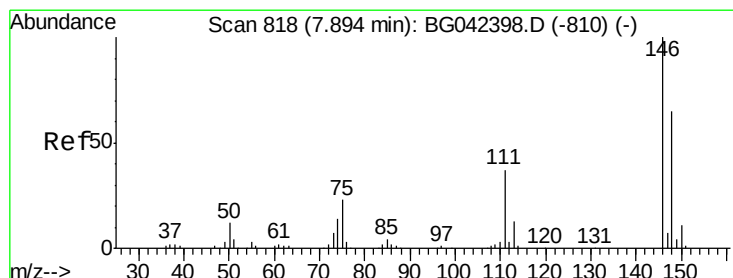
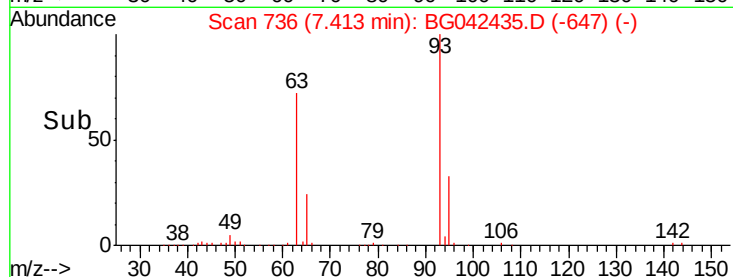
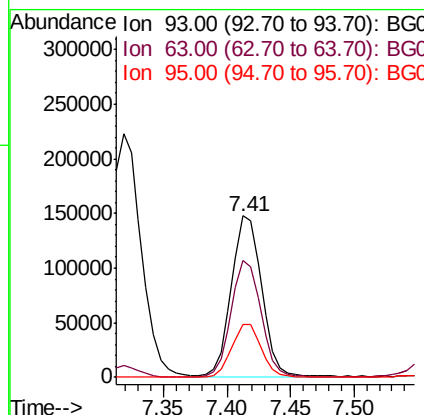
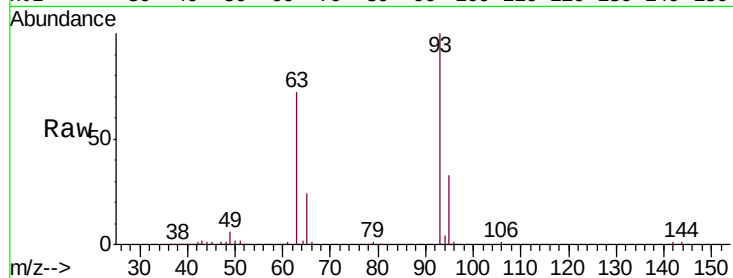




#11
bis(2-Chloroethyl)ether
Concen: 44.523 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

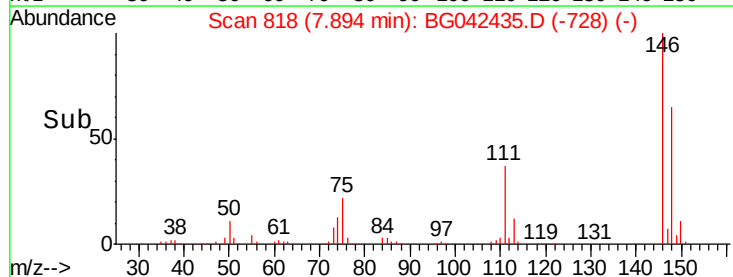
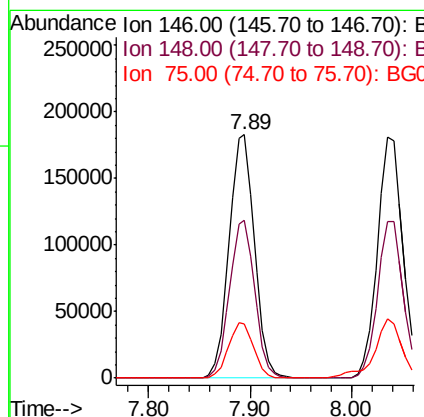
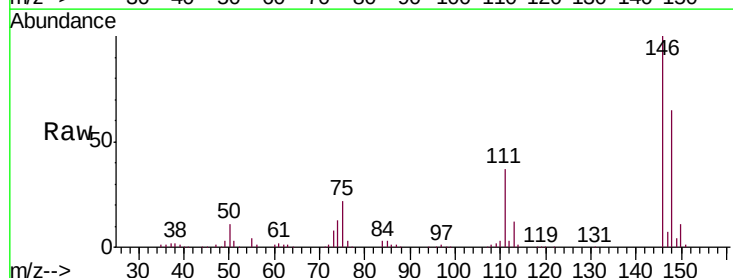
Instrument :
BNA_G
ClientSampled :

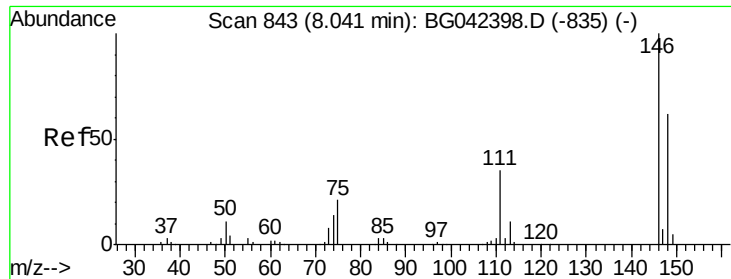
Tot Ion: 93 Resp: 243107
Ion Ratio Lower Upper
93 100
63 72.2 53.8 93.8
95 32.5 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 40.677 ng
RT: 7.89 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

Tgt Ion: 146 Resp: 317469
Ion Ratio Lower Upper
146 100
148 65.1 52.2 78.2
75 22.3 18.0 27.0

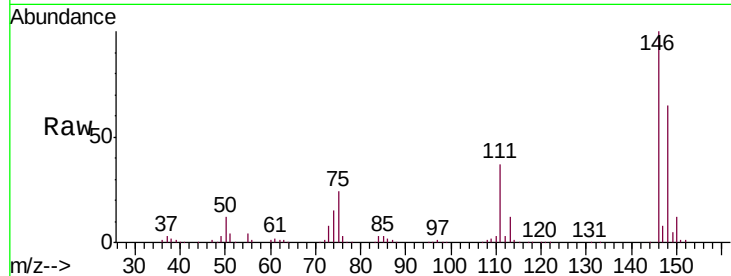




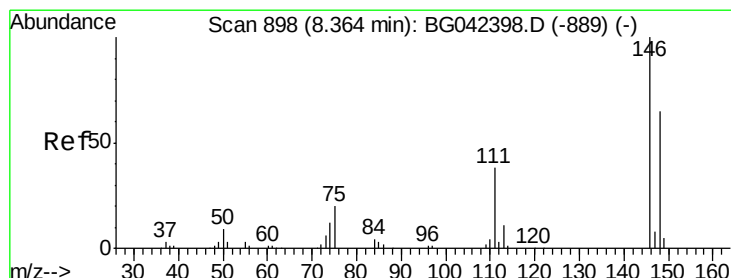
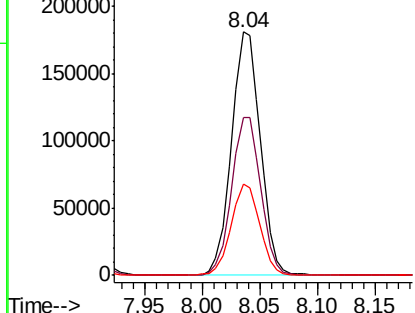
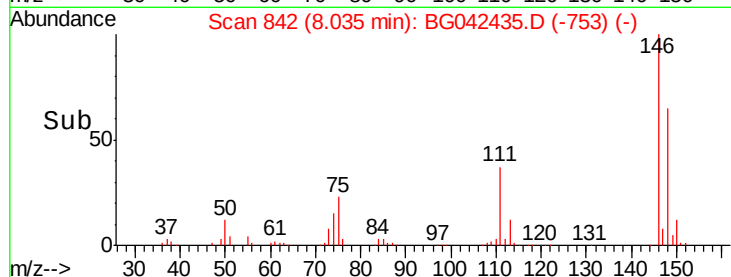
#13
 1,4-Dichlorobenzene
 Concen: 39.572 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042435.D
 Acq: 23 Aug 2019 16:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	146	Resp	312836
Ion Ratio	Lower	Upper	
146	100		
148	65.0	49.5	74.3
111	37.3	28.1	42.1

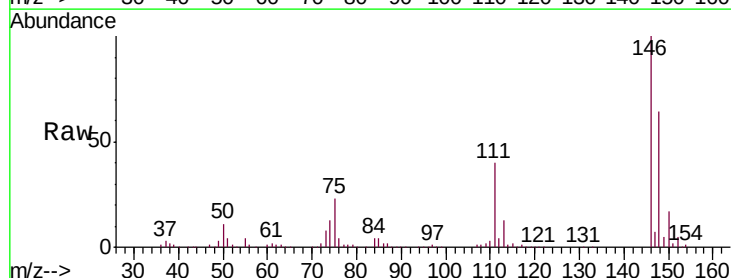


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

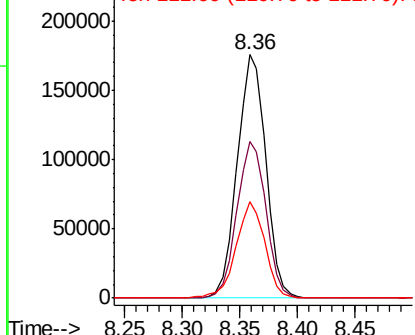
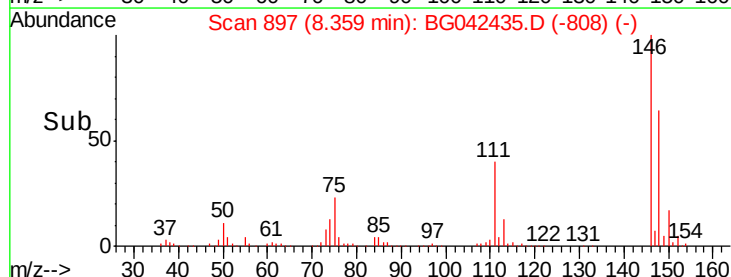


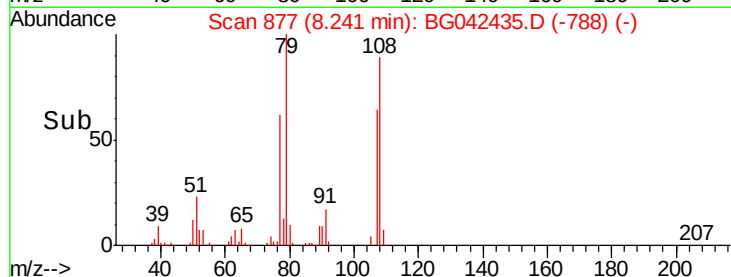
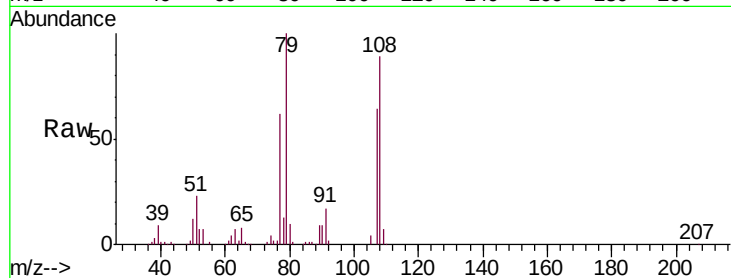
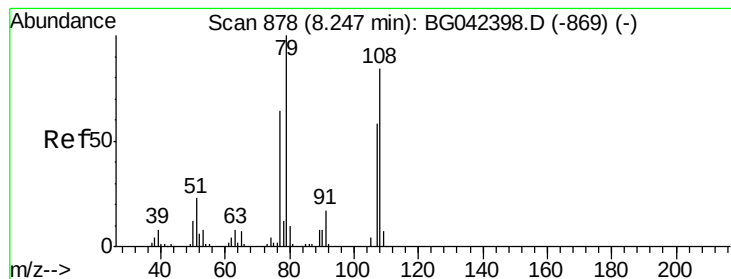
#14
 1,2-Dichlorobenzene
 Concen: 39.706 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042435.D
 Acq: 23 Aug 2019 16:13

Tgt Ion	146	Resp	300604
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.8	77.6
111	39.9	30.9	46.3



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





#15

Benzyl Alcohol

Concen: 39.306 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Instrument :

BNA_G

ClientSampled :

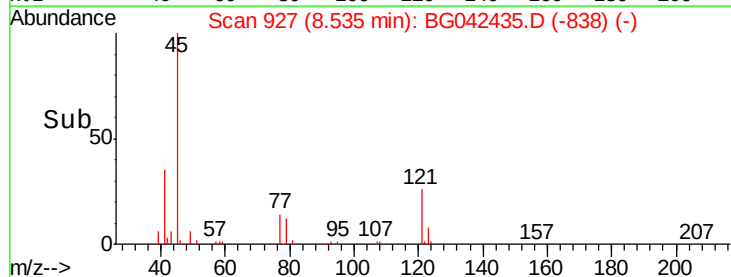
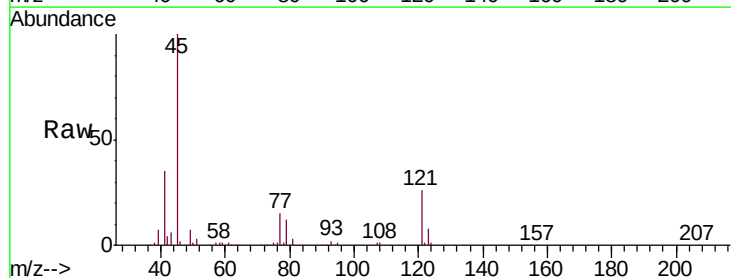
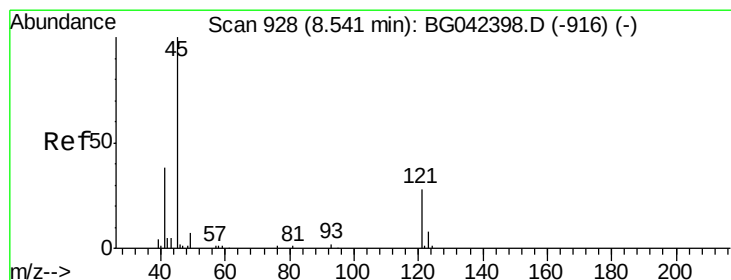
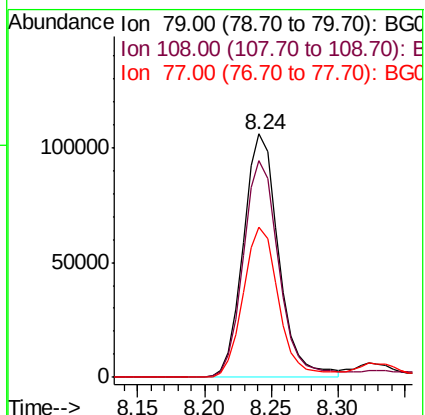
Tot Ion: 79 Resp: 193368

Ion Ratio Lower Upper

79 100

108 89.3 67.4 101.2

77 61.6 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.106 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

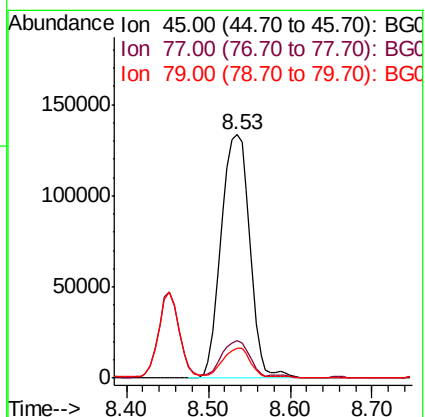
Tgt Ion: 45 Resp: 326418

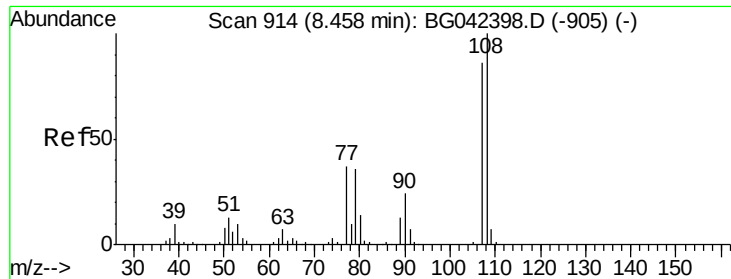
Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.6

79 12.2 0.0 31.6





#17

2-Methylphenol

Concen: 42.333 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 216783

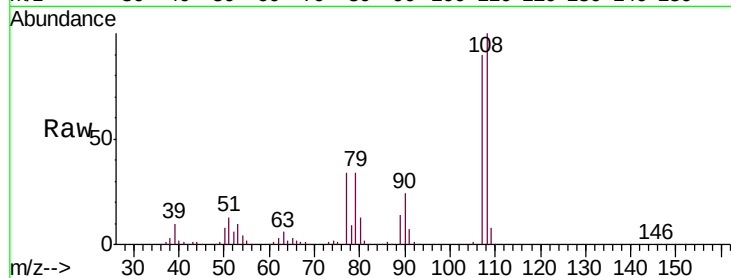
Ion Ratio Lower Upper

107 100

108 111.7 92.9 139.3

77 37.8 34.4 51.6

79 37.7 33.8 50.6

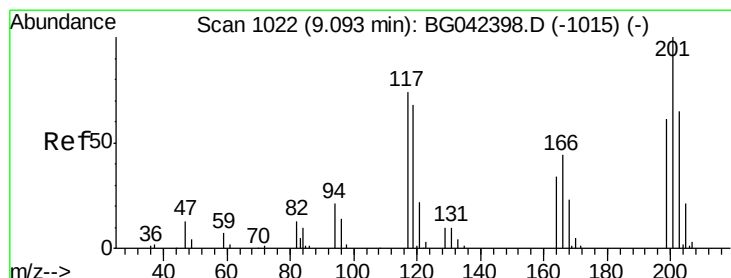
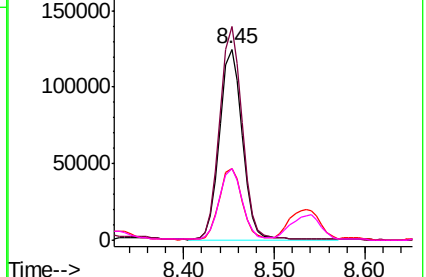
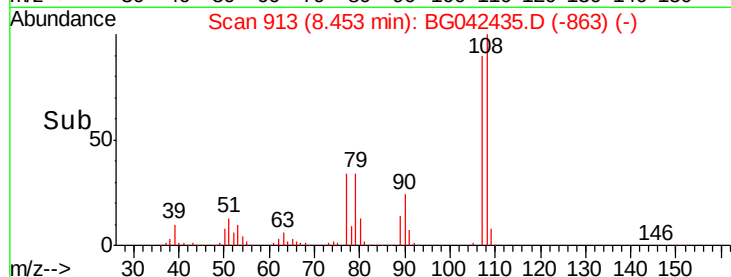


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.499 ng

RT: 9.09 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

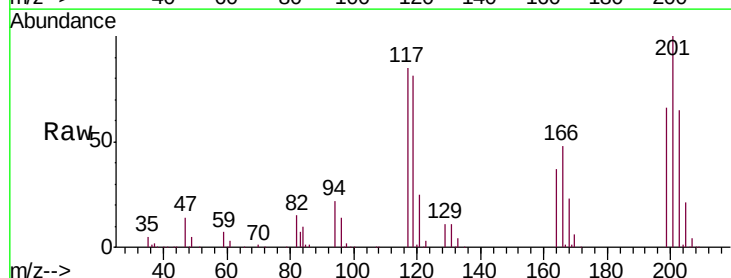
Tgt Ion:117 Resp: 112312

Ion Ratio Lower Upper

117 100

119 96.1 73.8 110.8

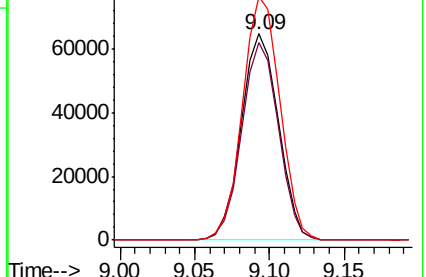
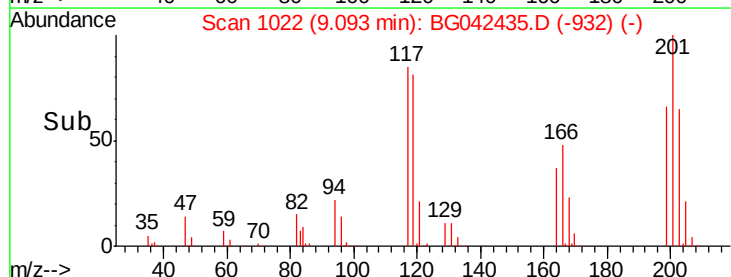
201 118.1 108.3 162.5

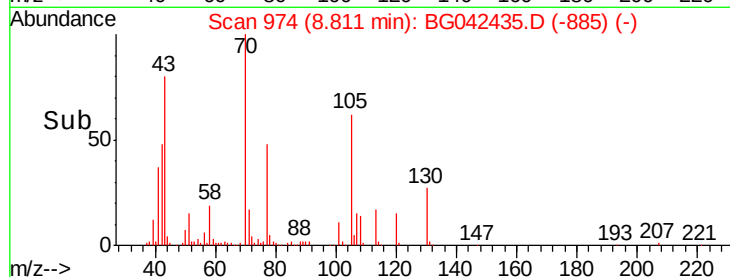
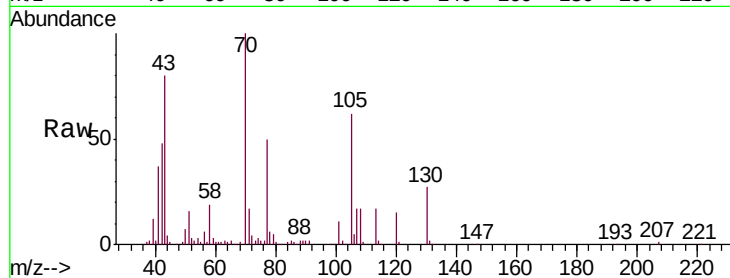
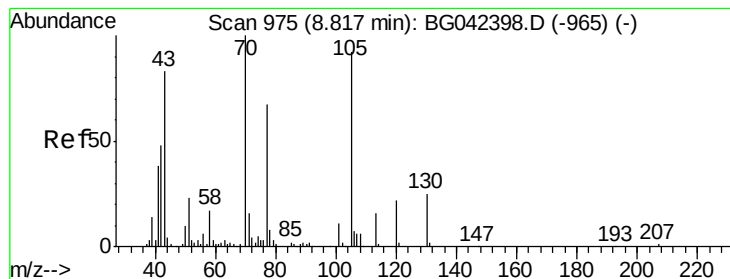


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.154 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 182314

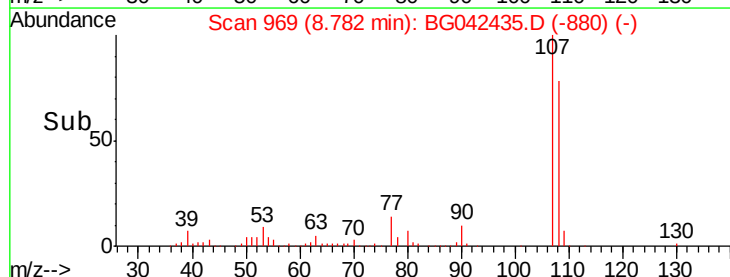
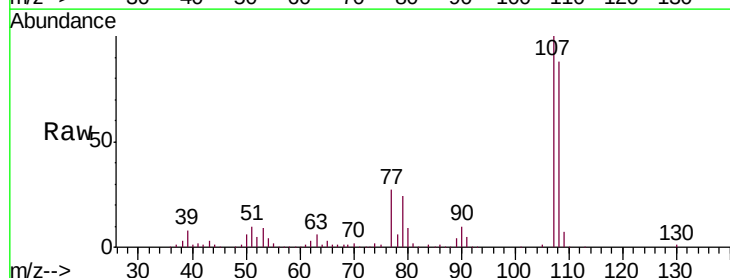
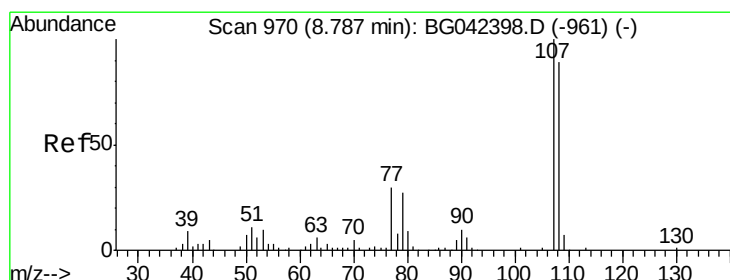
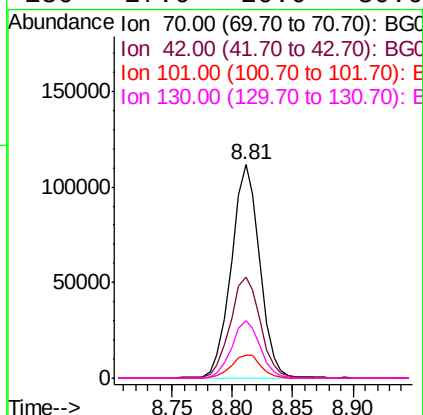
Ion Ratio Lower Upper

70 100

42 47.6 38.8 58.2

101 10.9 9.0 13.6

130 27.0 20.0 30.0



#20

3+4-Methylphenols

Concen: 42.934 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Tgt Ion:107 Resp: 304233

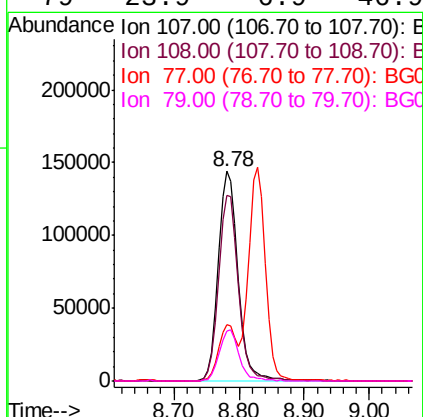
Ion Ratio Lower Upper

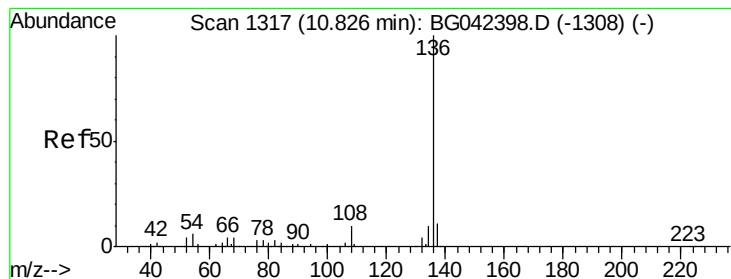
107 100

108 88.4 68.7 108.7

77 27.1 10.2 50.2

79 23.9 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 428734

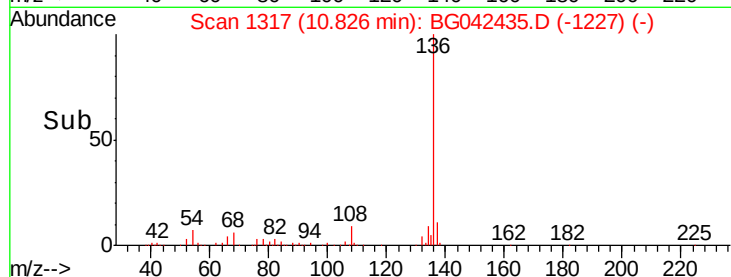
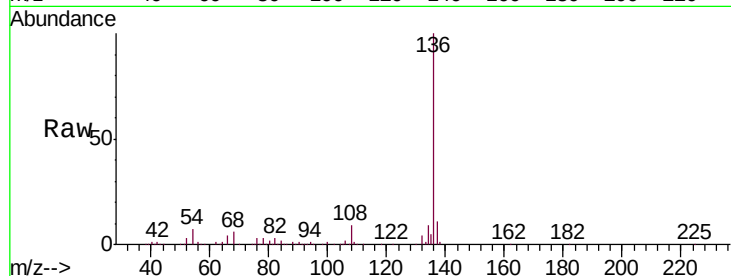
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.9 4.9 7.3

68 5.8 3.6 5.4#

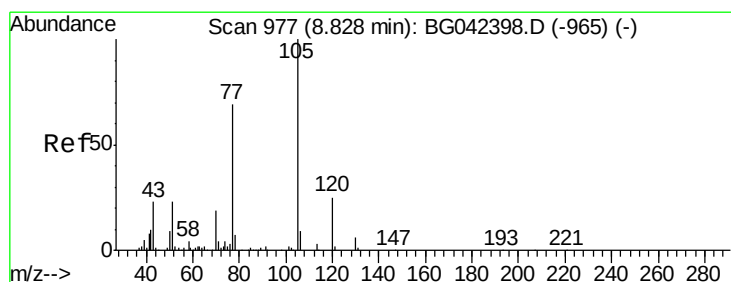
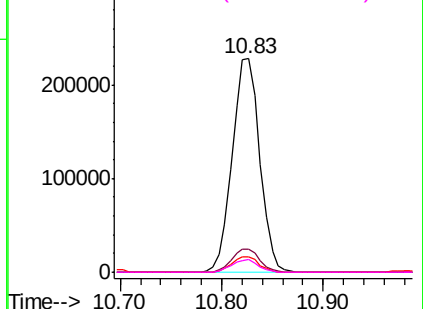


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.983 ng

RT: 8.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Tgt Ion:105 Resp: 375812

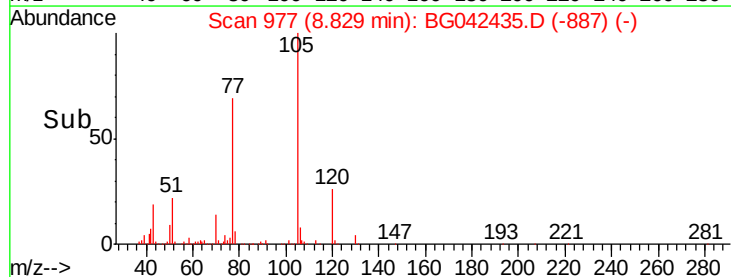
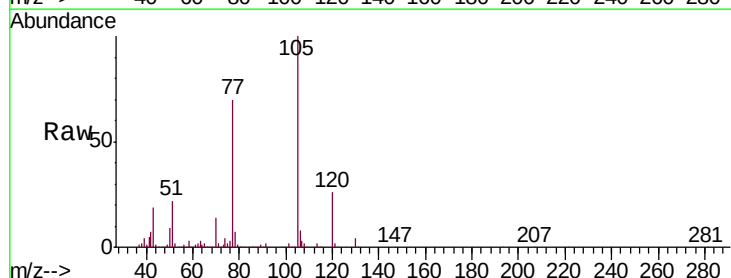
Ion Ratio Lower Upper

105 100

71 2.4 2.8 4.2#

51 22.2 18.7 28.1

120 25.7 20.1 30.1

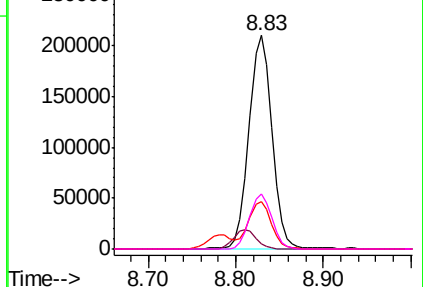


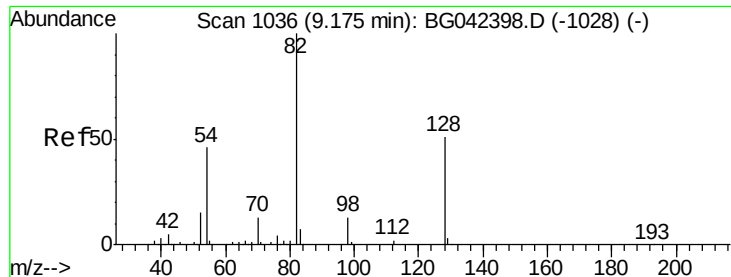
Abundance Ion 105.00 (104.70 to 105.70): E

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

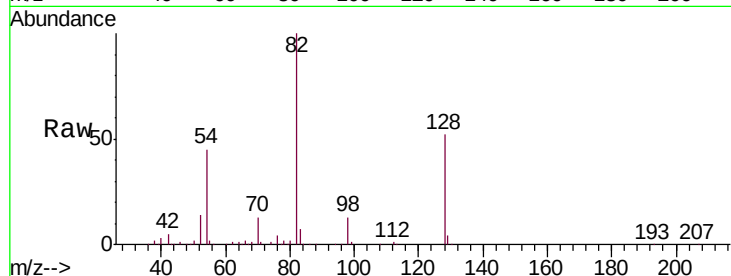




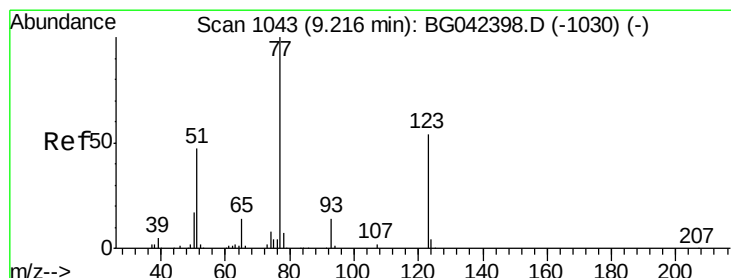
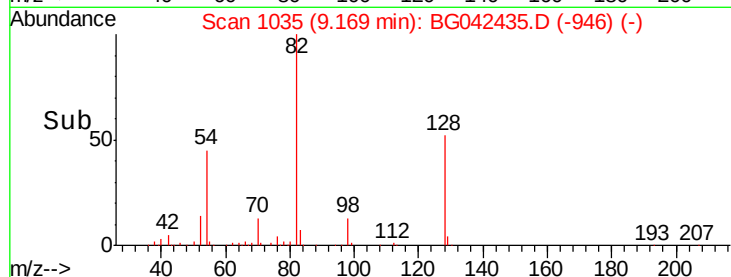
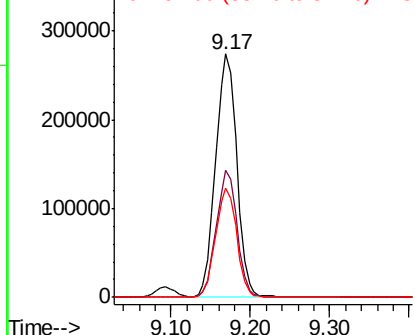
#23
Nitrobenzene-d5
Concen: 81.592 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	506212
Ion Ratio	Lower	Upper	
82	100		
128	52.4	40.7	61.1
54	45.1	36.3	54.5

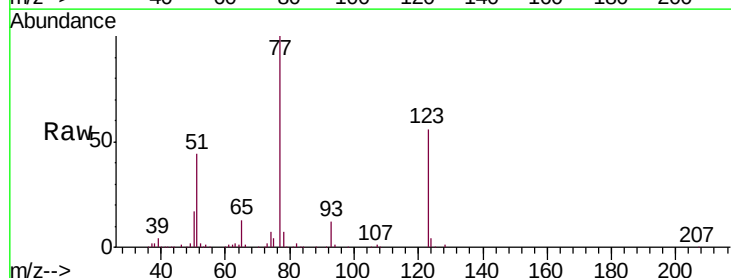


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

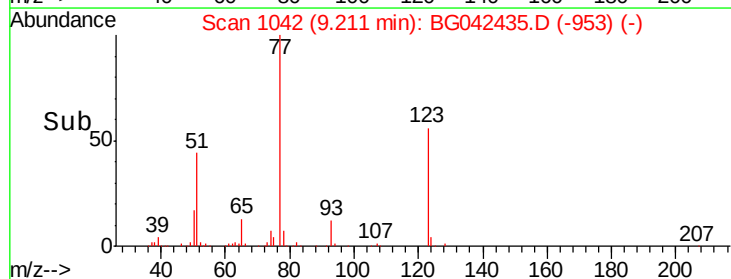
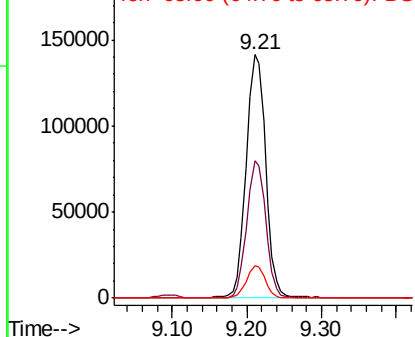


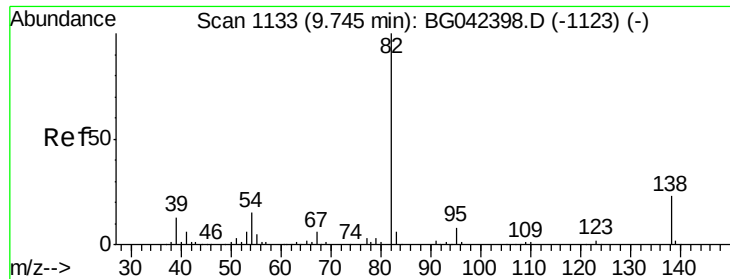
#24
Nitrobenzene
Concen: 41.071 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

Tgt Ion	77	Resp	258034
Ion Ratio	Lower	Upper	
77	100		
123	56.3	43.4	65.0
65	13.4	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: 41.692 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Instrument :

BNA_G

ClientSampleId :

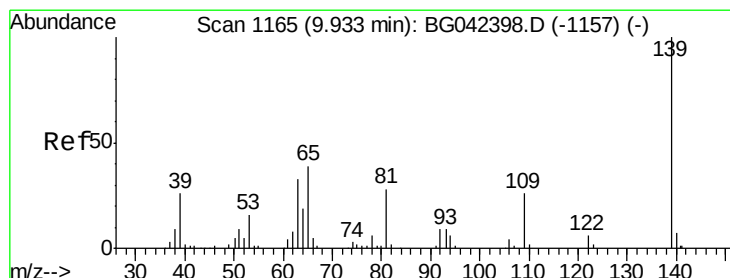
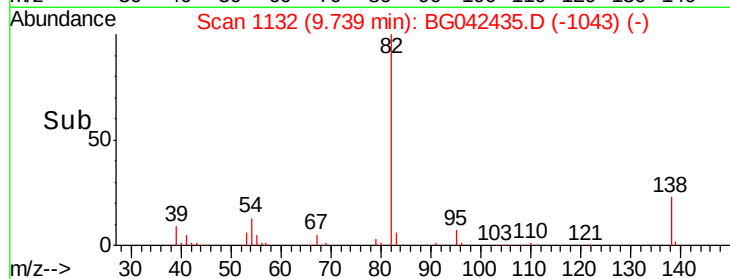
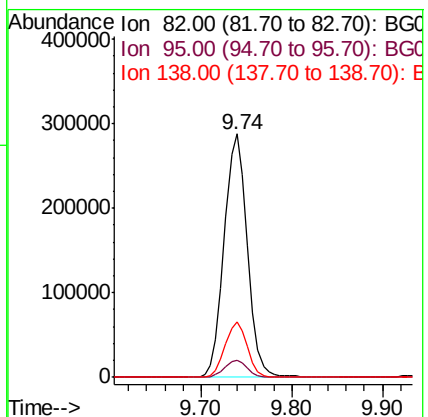
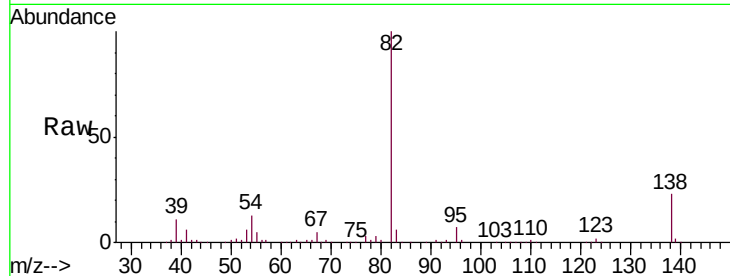
Tot Ion: 82 Resp: 510486

Ion Ratio Lower Upper

82 100

95 7.1 6.6 9.8

138 22.5 18.6 27.8



#26

2-Nitrophenol

Concen: 40.714 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

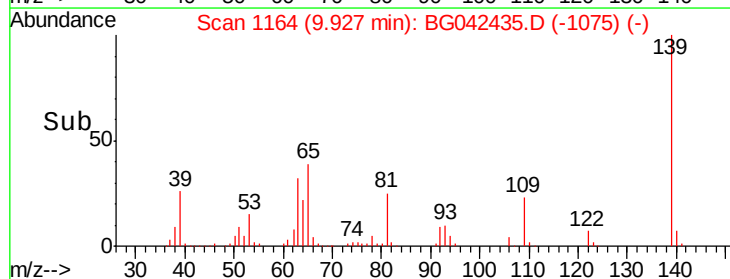
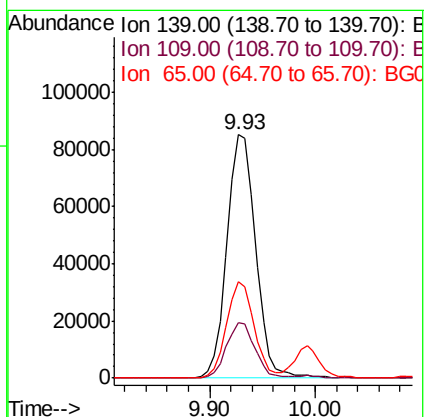
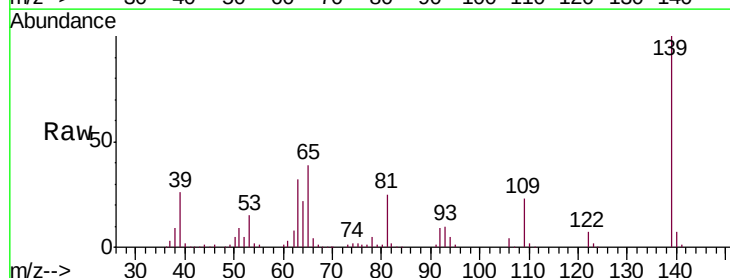
Tgt Ion: 139 Resp: 160295

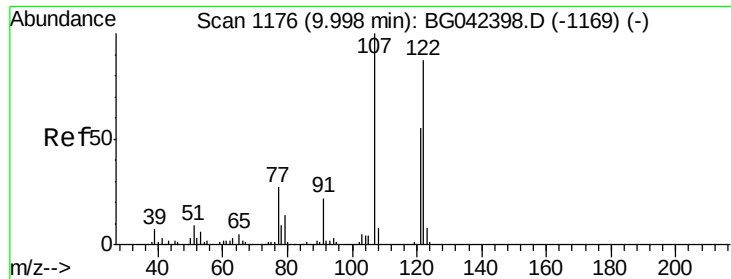
Ion Ratio Lower Upper

139 100

109 22.7 20.5 30.7

65 39.5 30.9 46.3

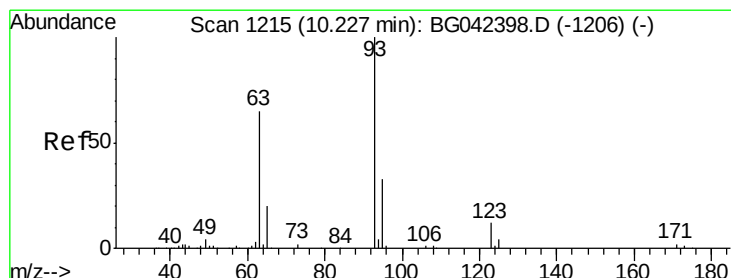
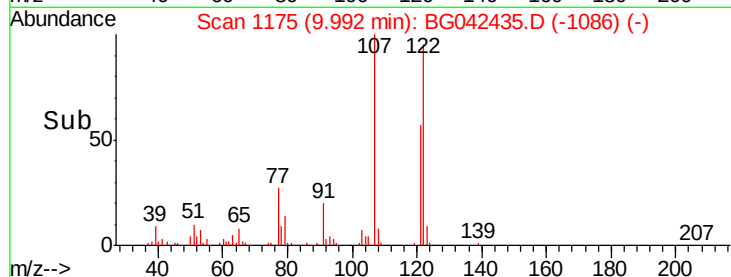
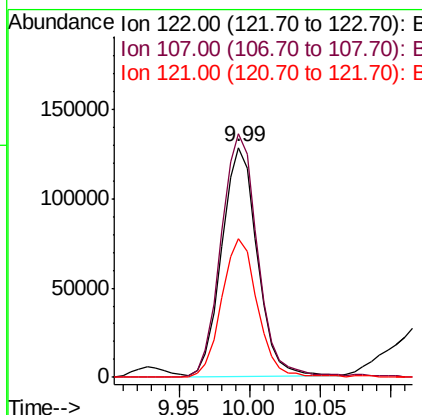
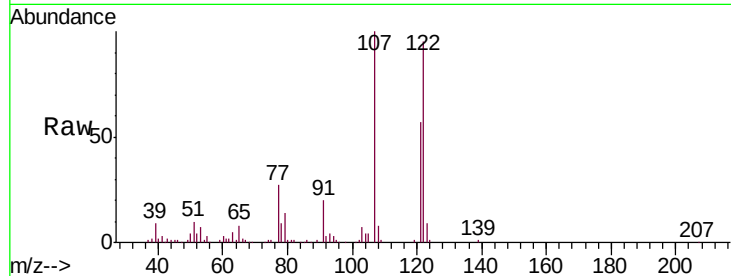




#27
 2,4-Dimethylphenol
 Concen: 41.351 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042435.D
 Acq: 23 Aug 2019 16:13

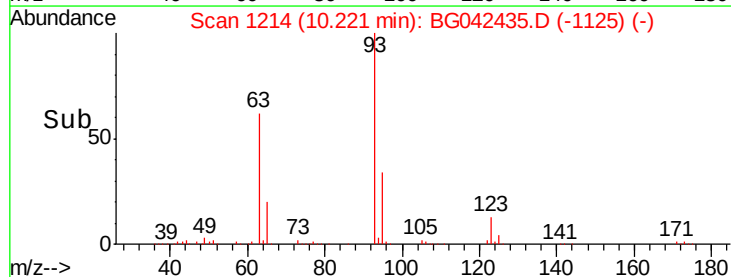
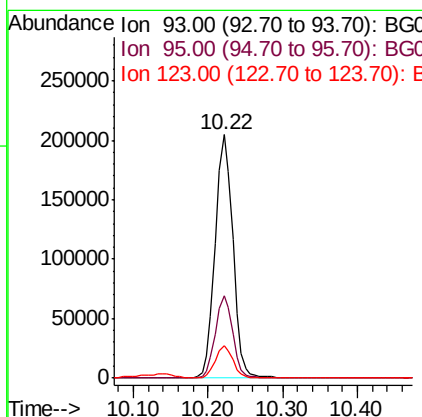
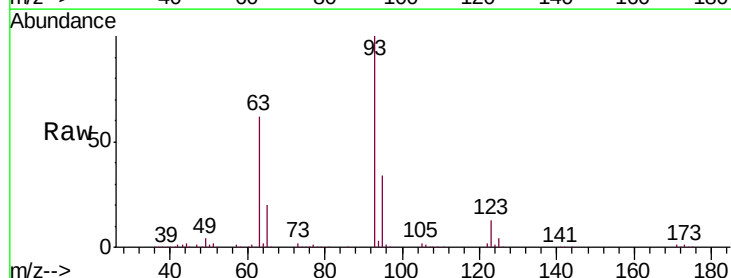
Instrument :
 BNA_G
 ClientSampleId :

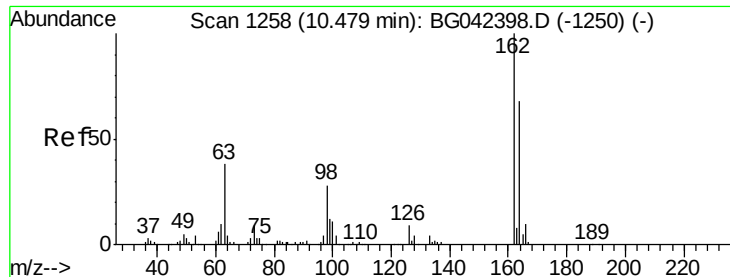
Tot Ion	Ratio	Lower	Upper
122	100		
107	105.8	90.8	136.2
121	60.2	49.6	74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.914 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG042435.D
 Acq: 23 Aug 2019 16:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.6	40.0
123	13.2	10.1	15.1





#29

2,4-Dichlorophenol

Concen: 38.885 ng

RT: 10.47 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Instrument :

BNA_G

ClientSampleId :

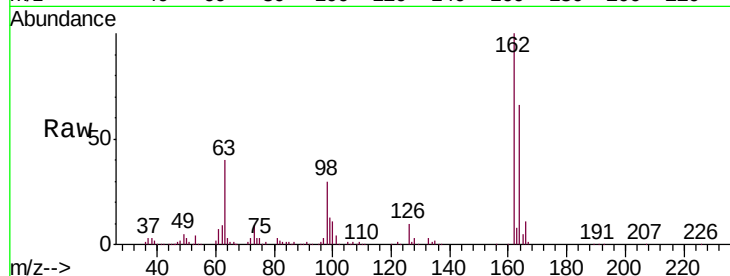
Tot Ion:162 Resp: 275914

Ion Ratio Lower Upper

162 100

164 66.1 48.1 88.1

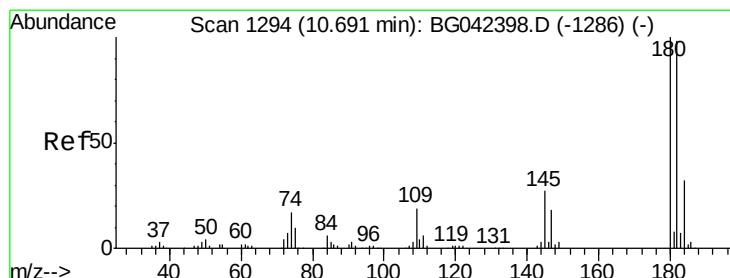
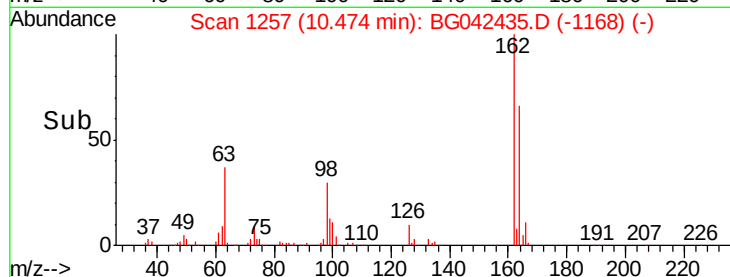
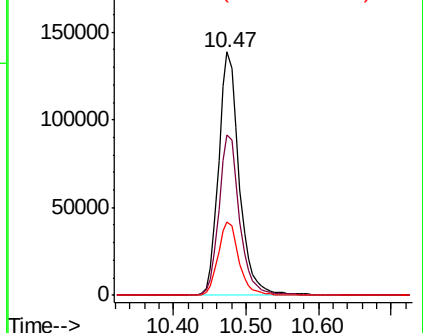
98 30.3 7.6 47.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 36.917 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

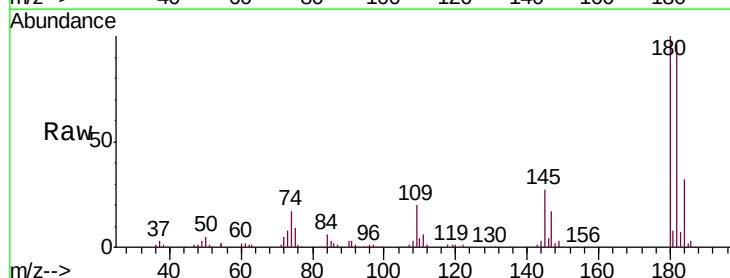
Tgt Ion:180 Resp: 321529

Ion Ratio Lower Upper

180 100

182 96.0 78.7 118.1

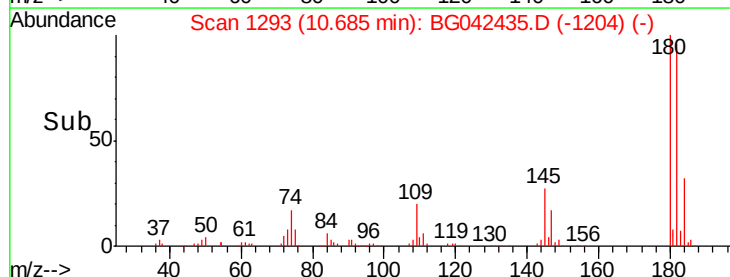
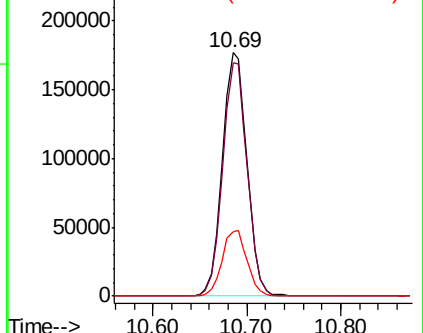
145 26.6 21.6 32.4

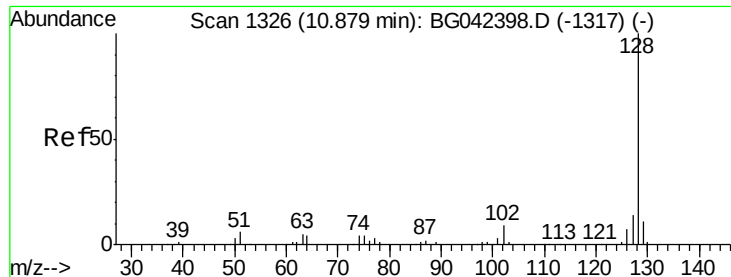


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

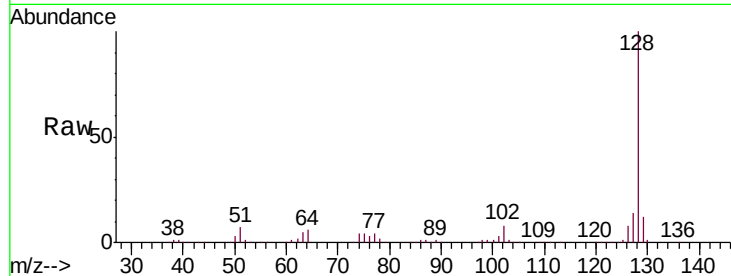




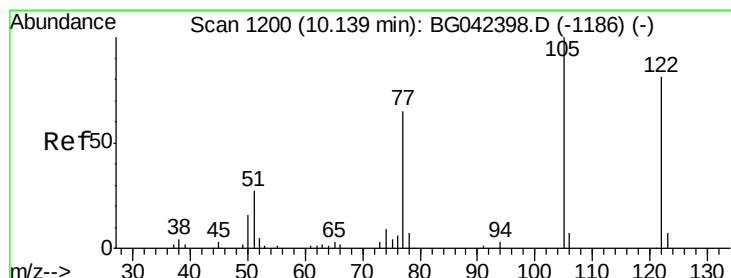
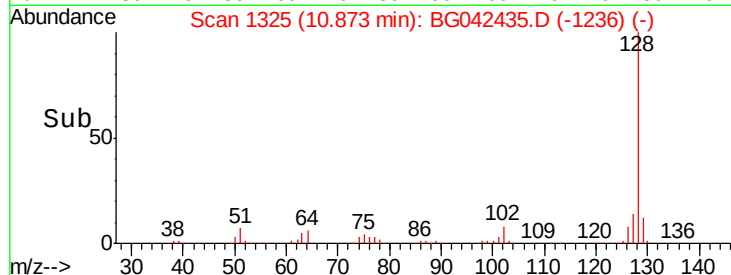
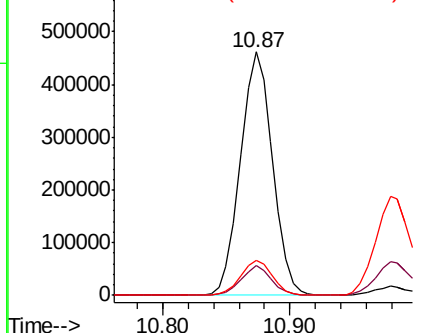
#31
Naphthalene
Concen: 40.733 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 810788
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.4 11.4 17.0

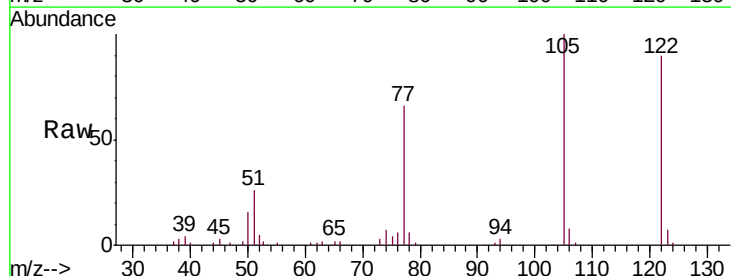


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

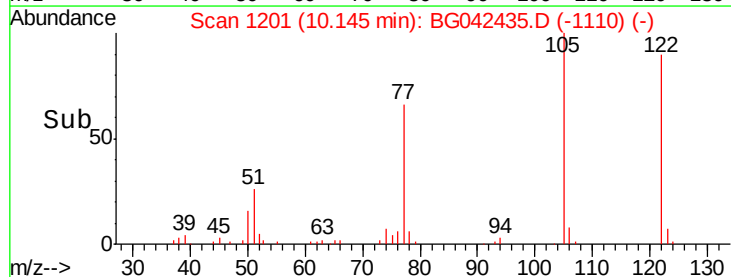
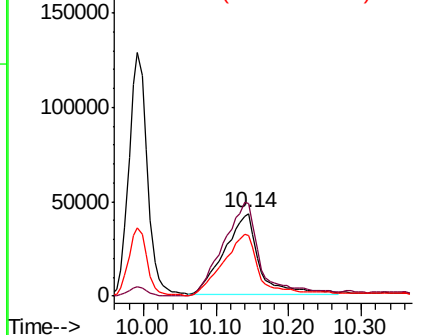


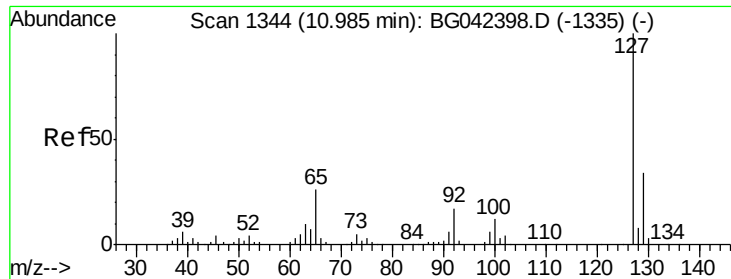
#32
Benzoic acid
Concen: 38.312 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

Tgt Ion:122 Resp: 142975
Ion Ratio Lower Upper
122 100
105 111.3 99.6 139.6
77 73.1 59.5 99.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

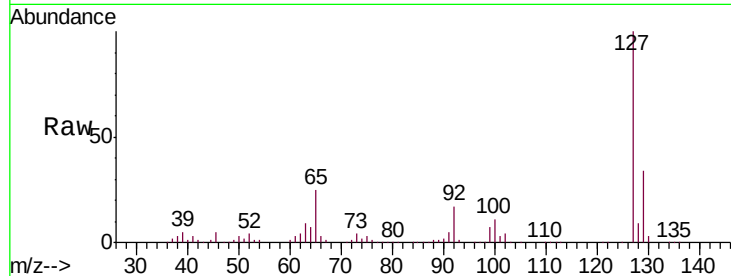




#33
4-Chloroaniline
Concen: 41.137 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	377995
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.8	40.2
65	25.3	20.7	31.1
92	16.6	13.6	20.4



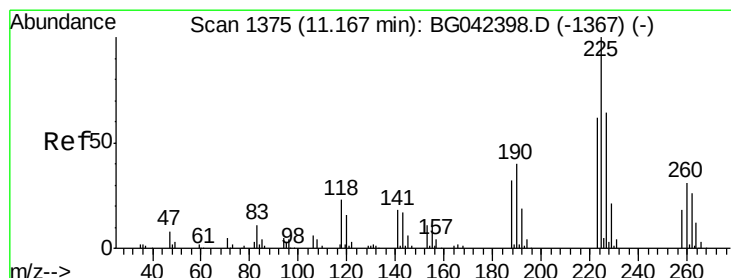
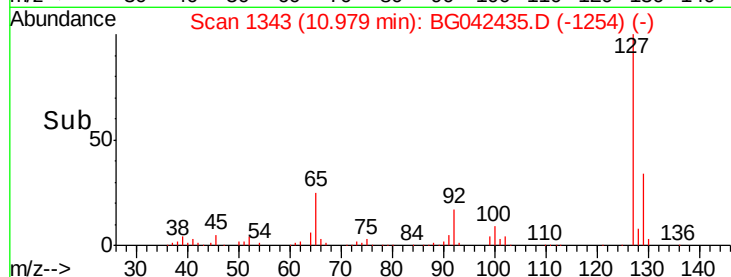
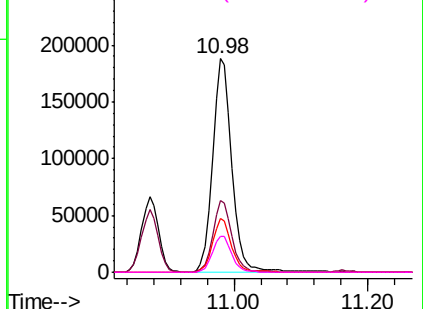
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

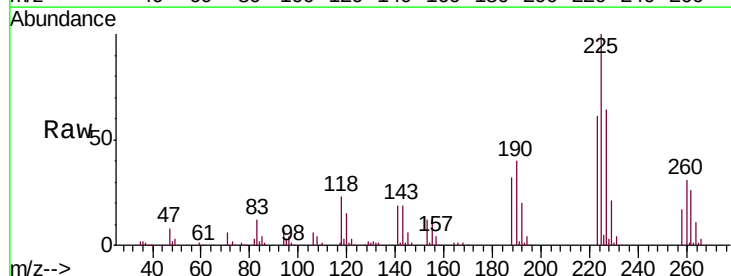
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 33.283 ng
RT: 11.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

Tgt Ion:	225	Resp:	194819
Ion	Ratio	Lower	Upper
225	100		
223	60.7	49.8	74.6
227	64.4	50.9	76.3

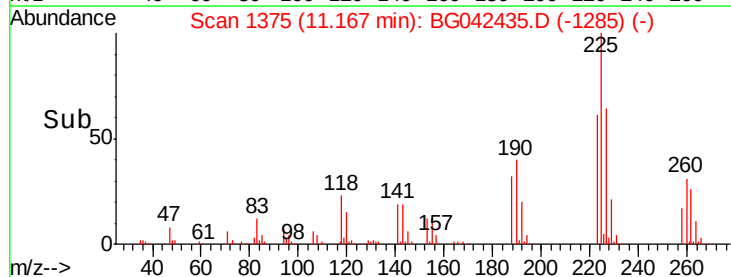
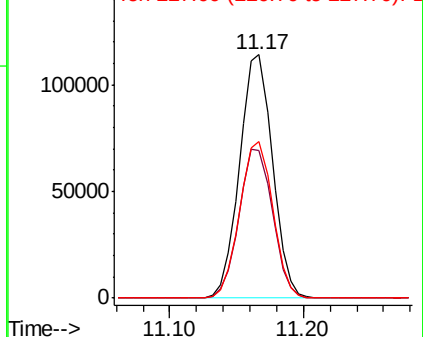


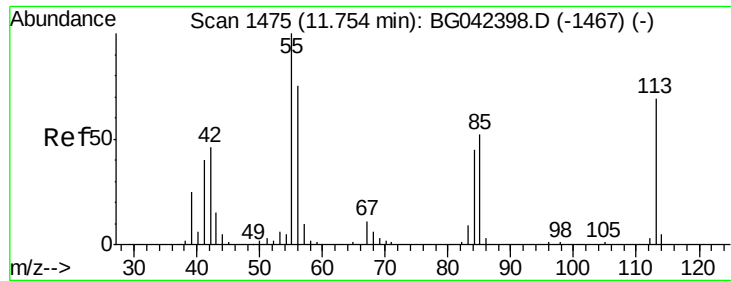
Abundance

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

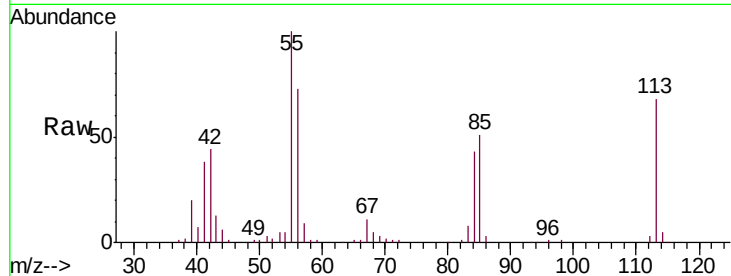




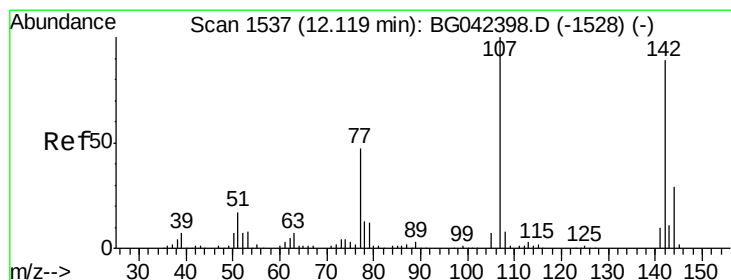
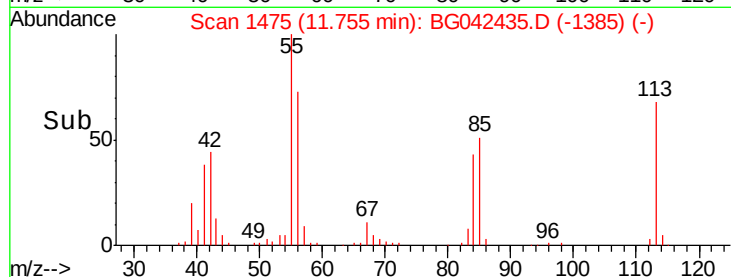
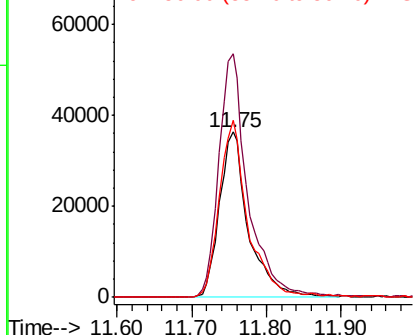
#35
 Caprolactam
 Concen: 41.505 ng
 RT: 11.75 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BG042435.D
 Acq: 23 Aug 2019 16:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 98271
 Ion Ratio Lower Upper
 113 100
 55 147.3 124.6 164.6
 56 106.8 88.3 128.3

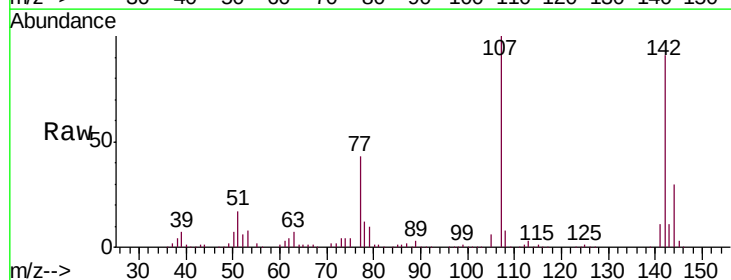


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BGC
 Ion 56.00 (55.70 to 56.70): BGC

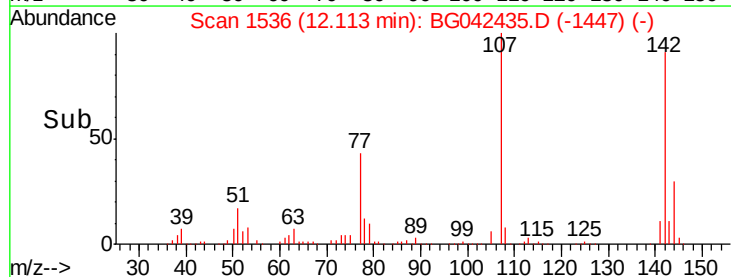
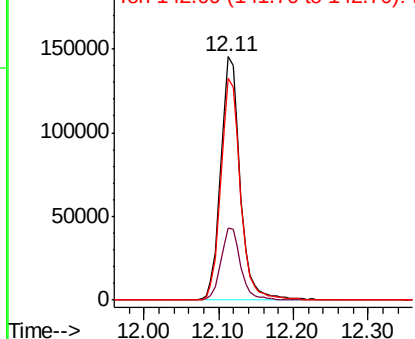


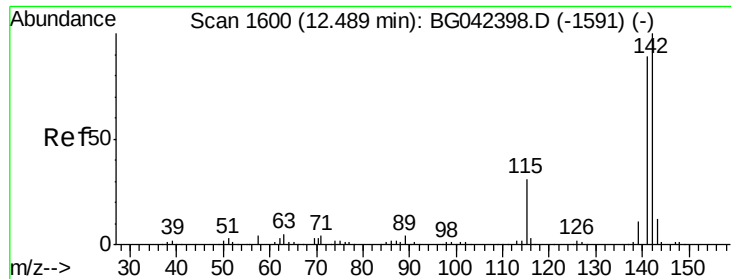
#36
 4-Chloro-3-methylphenol
 Concen: 39.386 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042435.D
 Acq: 23 Aug 2019 16:13

Tgt Ion:107 Resp: 265300
 Ion Ratio Lower Upper
 107 100
 144 29.7 23.6 35.4
 142 91.1 71.0 106.4



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

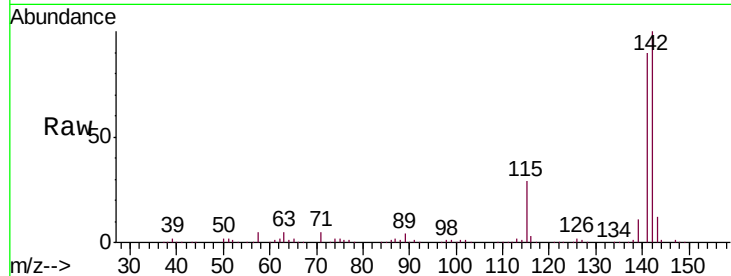




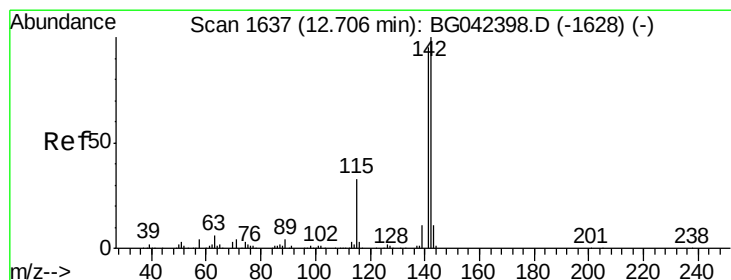
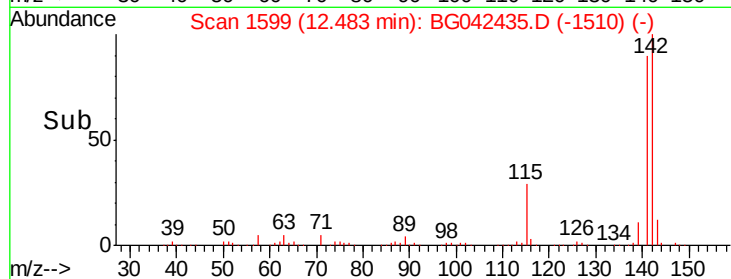
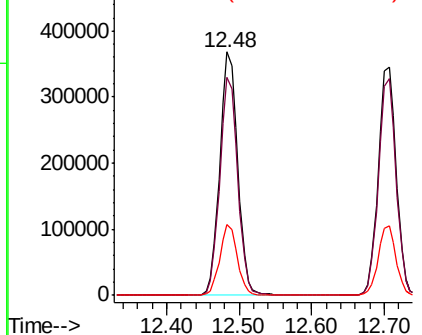
#37
 2-Methylnaphthalene
 Concen: 39.706 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042435.D
 Acq: 23 Aug 2019 16:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.2
115	28.9	25.2	37.8

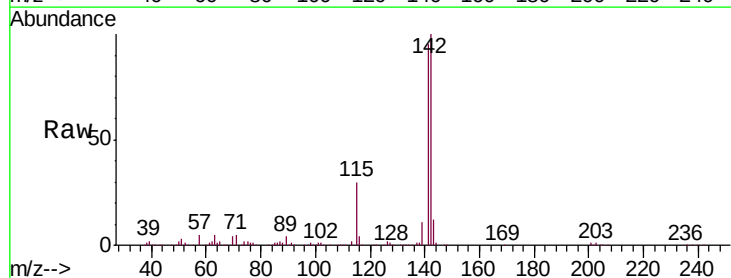


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

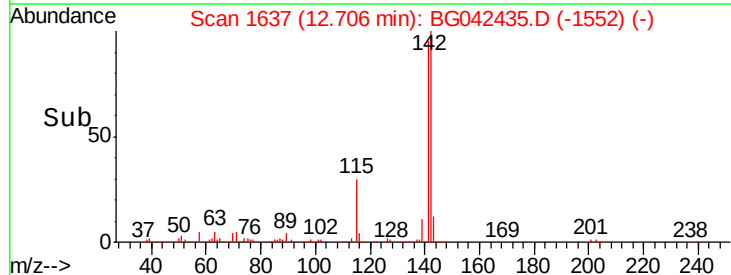
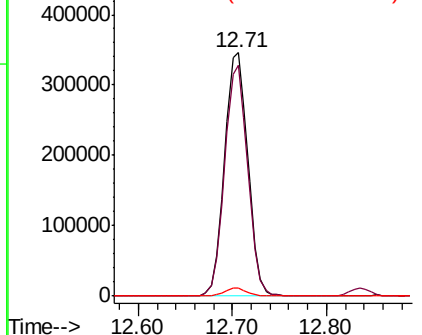


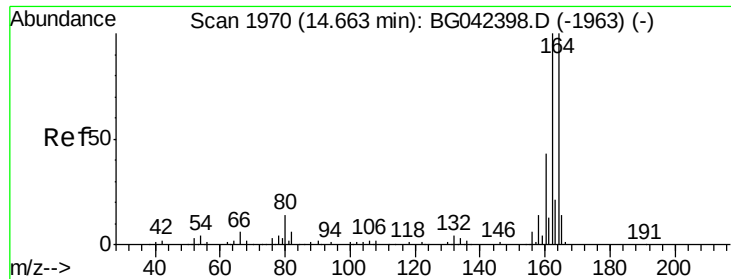
#38
 1-Methylnaphthalene
 Concen: 39.214 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BG042435.D
 Acq: 23 Aug 2019 16:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	76.2	114.2
116	3.6	2.8	4.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Instrument :

BNA_G

ClientSampleId :

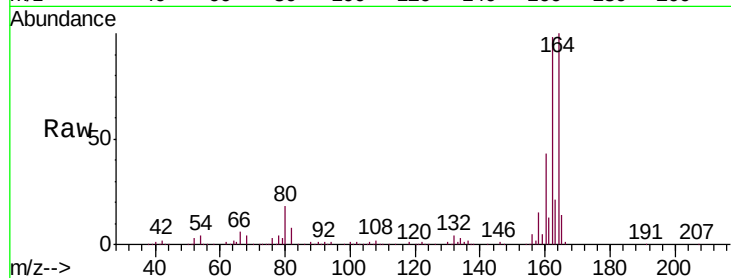
Tot Ion:164 Resp: 292902

Ion Ratio Lower Upper

164 100

162 97.9 79.9 119.9

160 43.3 34.3 51.5

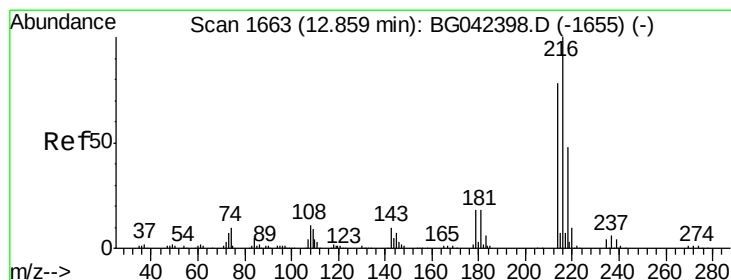
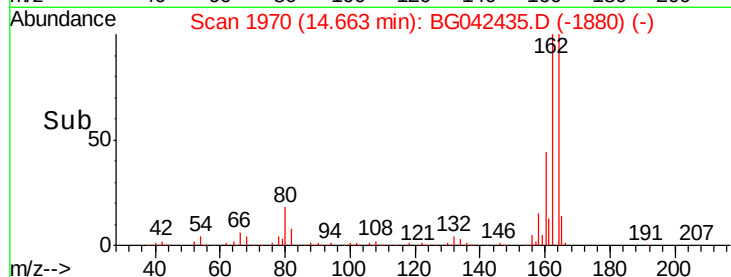
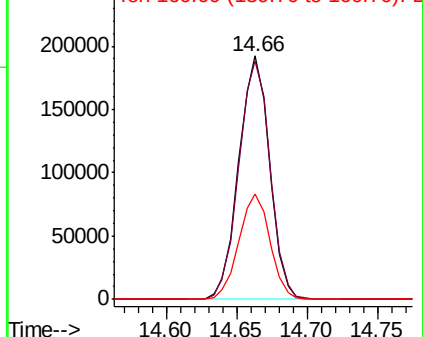


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.931 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Tgt Ion:216 Resp: 337971

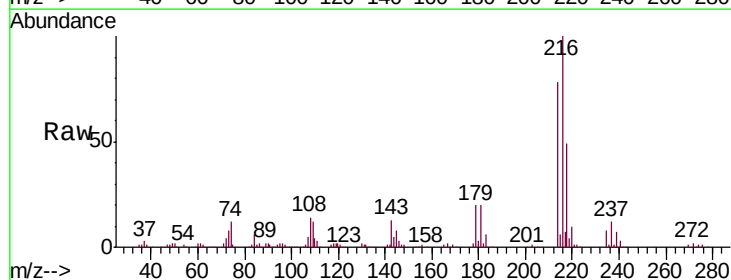
Ion Ratio Lower Upper

216 100

214 77.5 61.4 92.2

179 20.2 15.1 22.7

108 14.3 9.4 14.0#



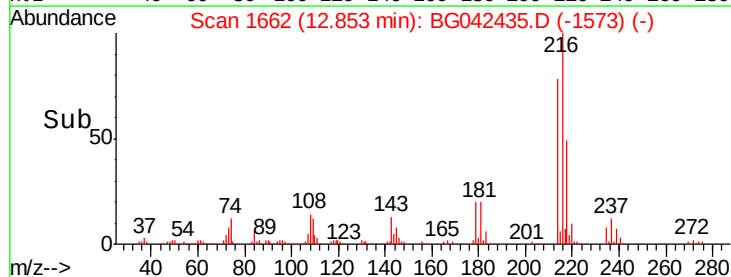
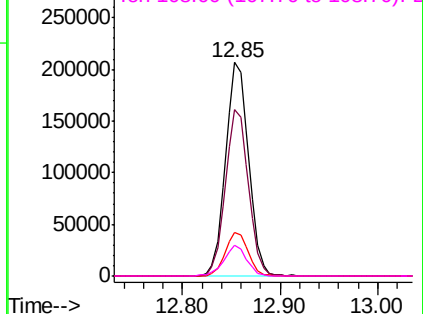
Abundance

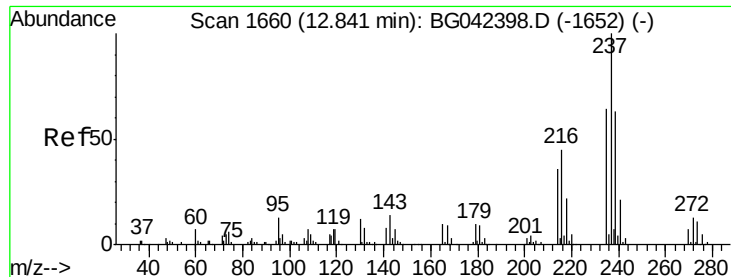
Ion 216.00 (215.70 to 216.70): E

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

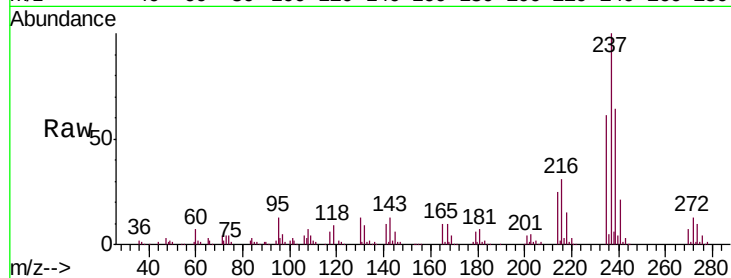




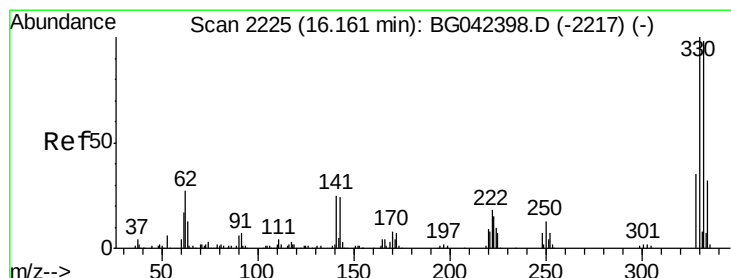
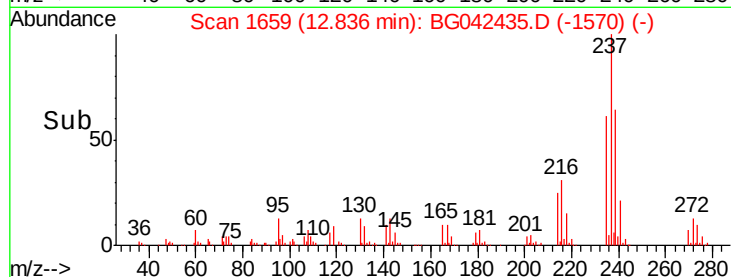
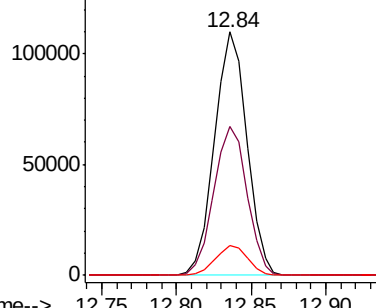
#41
Hexachlorocyclopentadiene
Concen: 33.332 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 164689
Ion Ratio Lower Upper
237 100
235 61.4 43.7 83.7
272 12.5 0.0 33.3

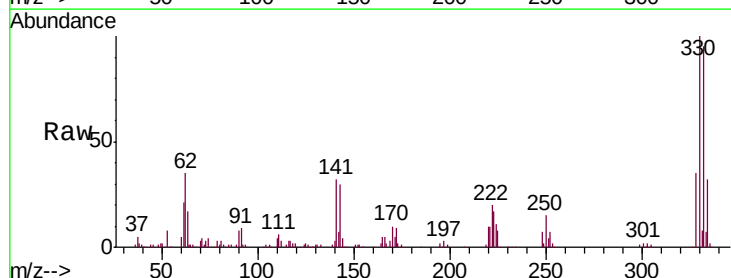


Abundance Ion 236.80 (236.50 to 237.50): E
150000 Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

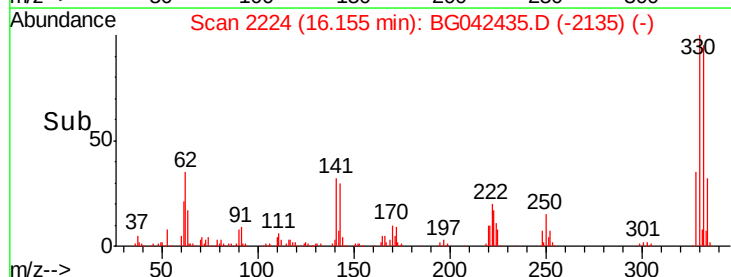
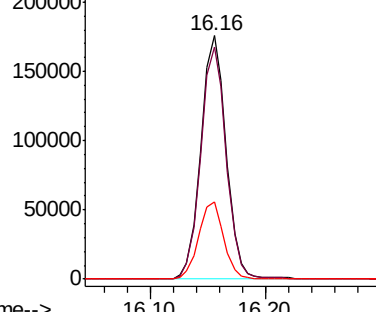


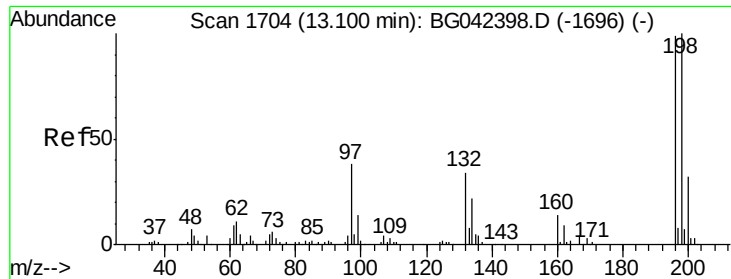
#42
2,4,6-Tribromophenol
Concen: 64.020 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

Tgt Ion:330 Resp: 266525
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 31.8 21.4 32.0



Abundance Ion 329.80 (329.50 to 330.50): E
200000 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

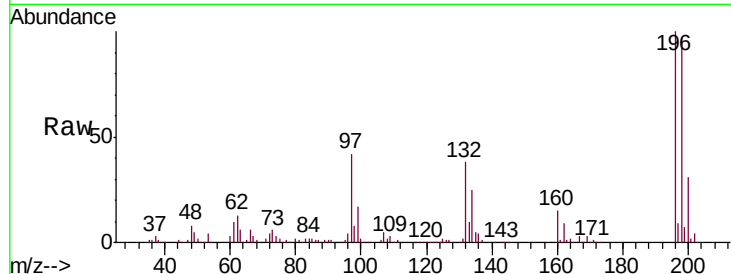




#43
 2,4,6-Trichlorophenol
 Concen: 37.907 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042435.D
 Acq: 23 Aug 2019 16:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	241013
Ion Ratio	Lower	Upper	
196	100		
198	96.6	80.7	121.1
200	31.0	25.7	38.5

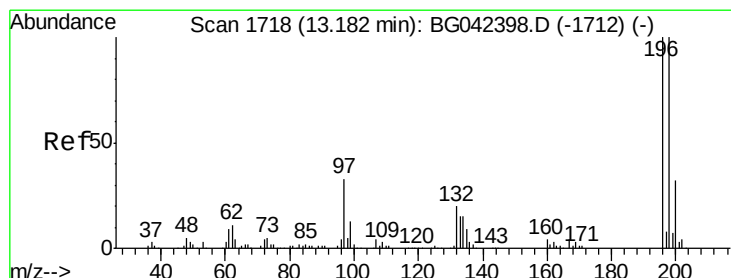
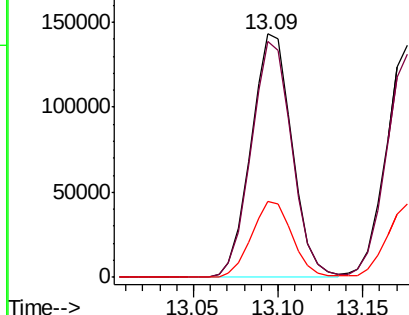
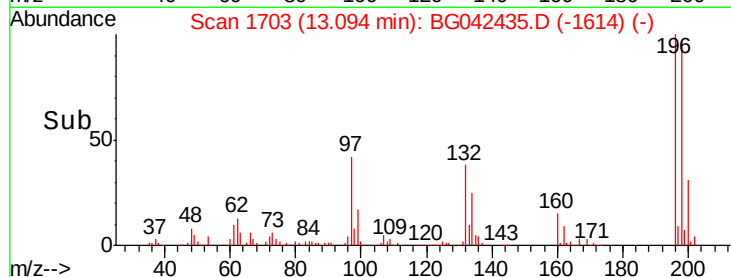


Abundance

Ion 196.00 (195.70 to 196.70): E

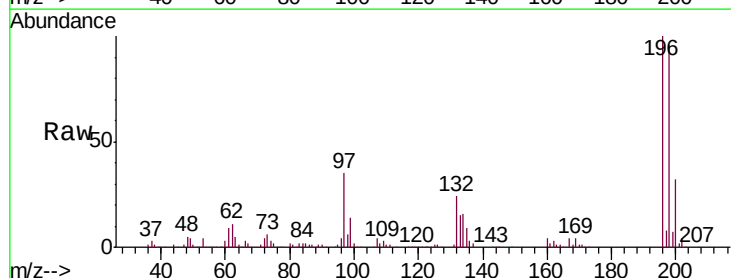
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 37.629 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042435.D
 Acq: 23 Aug 2019 16:13

Tgt Ion	196	Resp	247921
Ion Ratio	Lower	Upper	
196	100		
198	96.3	80.2	120.4
97	34.8	26.3	39.5
132	23.9	16.6	24.8



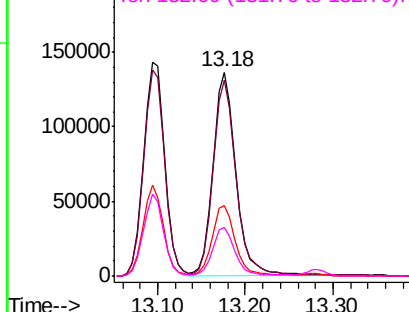
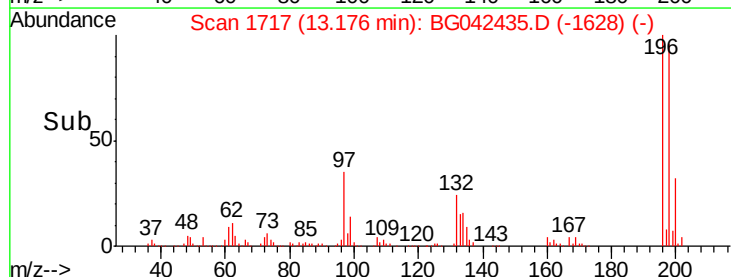
Abundance

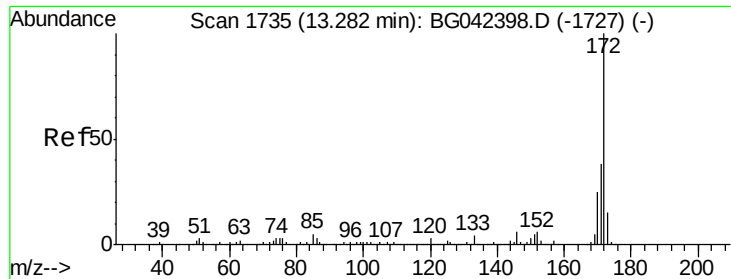
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

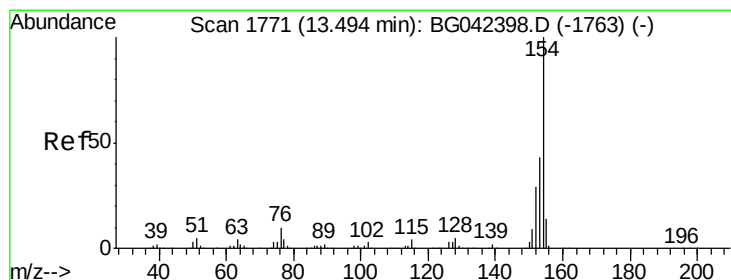
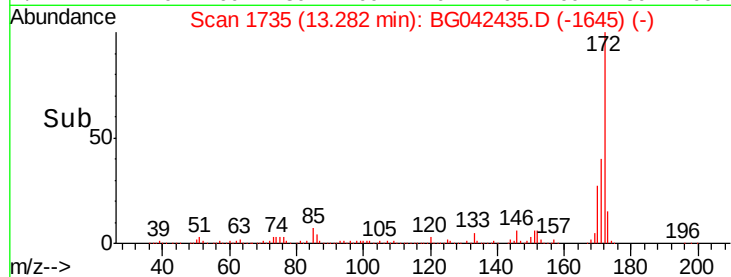
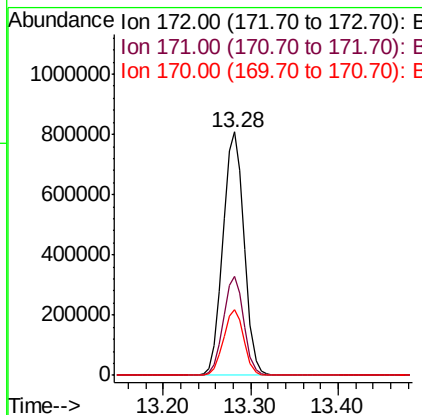
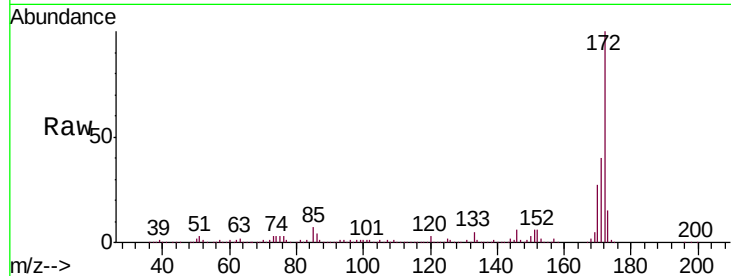




#45
2-Fluorobiphenyl
Concen: 77.693 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

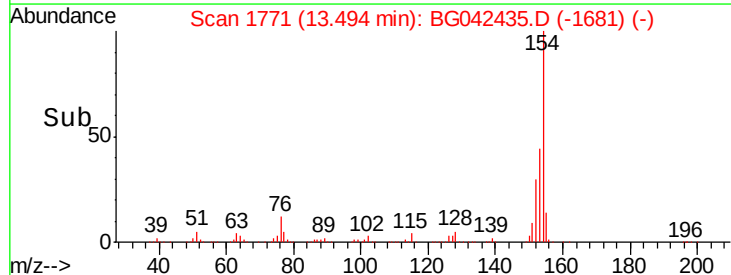
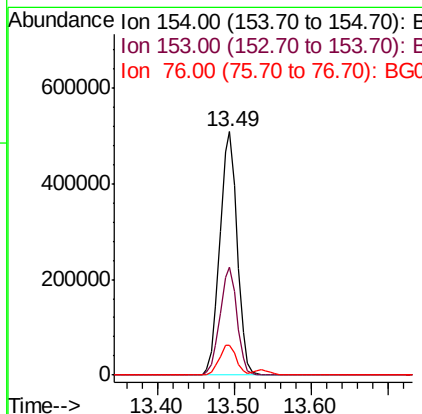
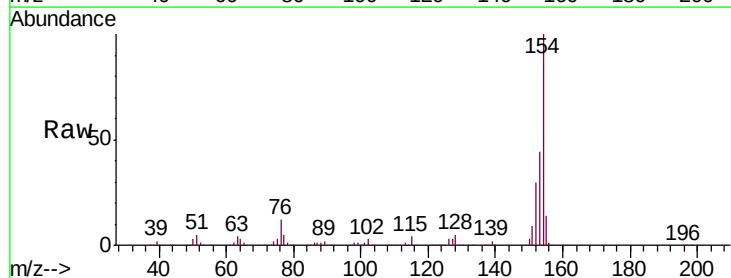
Instrument :
BNA_G
ClientSampleId :

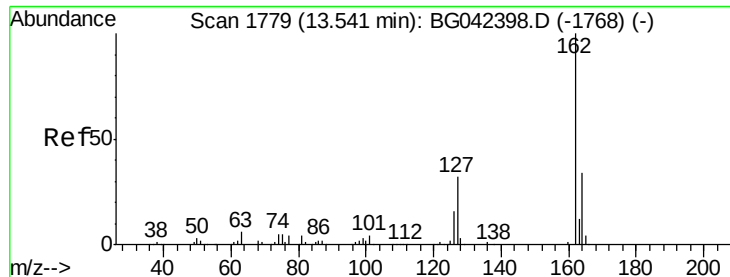
Tot Ion:172 Resp: 1345509
Ion Ratio Lower Upper
172 100
171 40.4 30.5 45.7
170 27.0 20.2 30.2



#46
1,1'-Biphenyl
Concen: 41.520 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

Tgt Ion:154 Resp: 786116
Ion Ratio Lower Upper
154 100
153 44.1 23.0 63.0
76 12.2 0.0 29.6

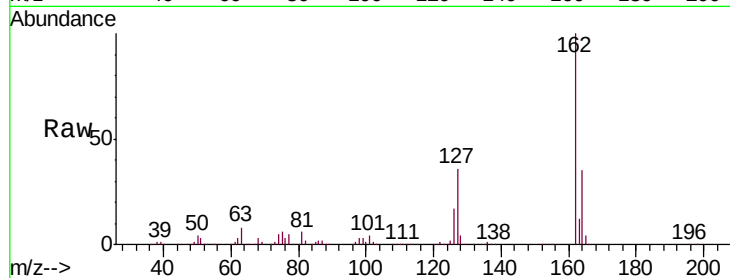




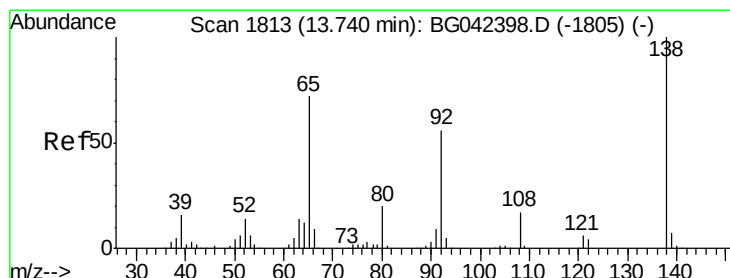
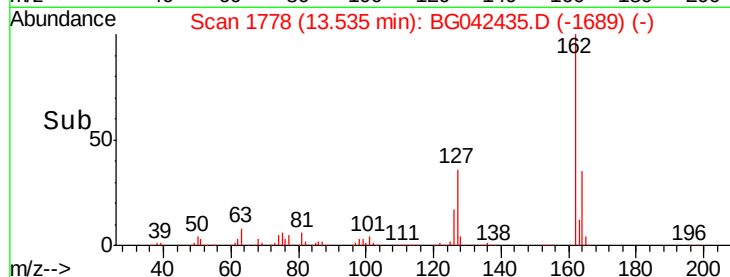
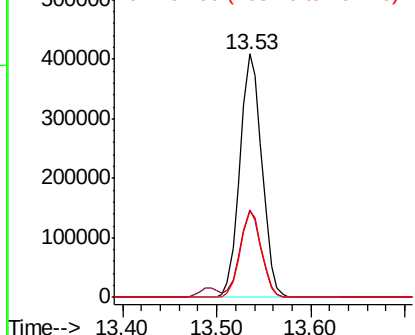
#47
 2-Chloronaphthalene
 Concen: 40.706 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042435.D
 Acq: 23 Aug 2019 16:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.1	26.0	39.0
164	35.4	27.4	41.0

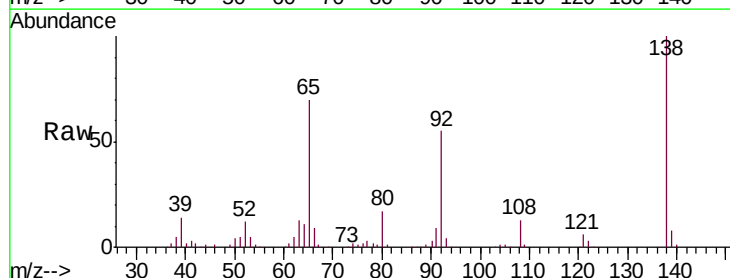


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

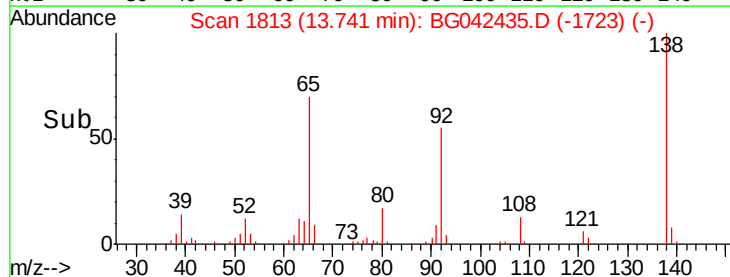
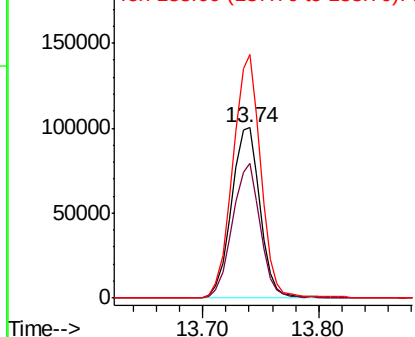


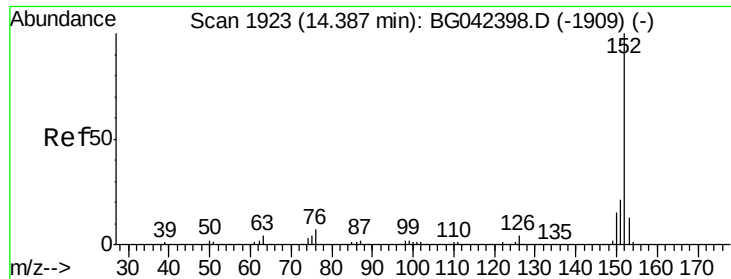
#48
 2-Nitroaniline
 Concen: 43.723 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BG042435.D
 Acq: 23 Aug 2019 16:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.9	61.8	92.6
138	143.1	111.0	166.6



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: 40.908 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

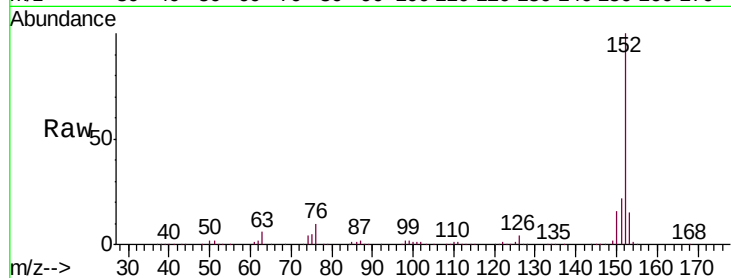
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1004751

Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.0	25.4
153	14.6	10.6	16.0

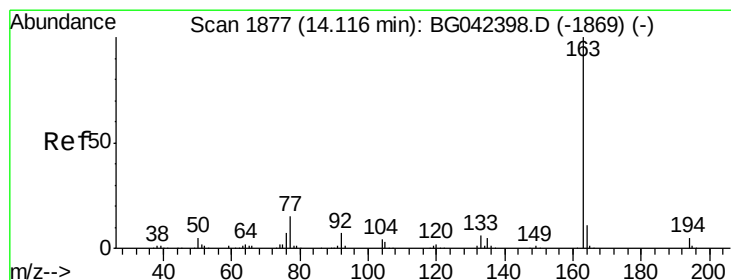
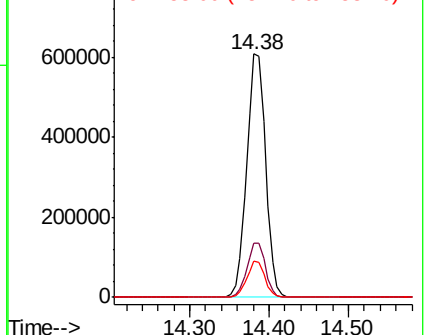
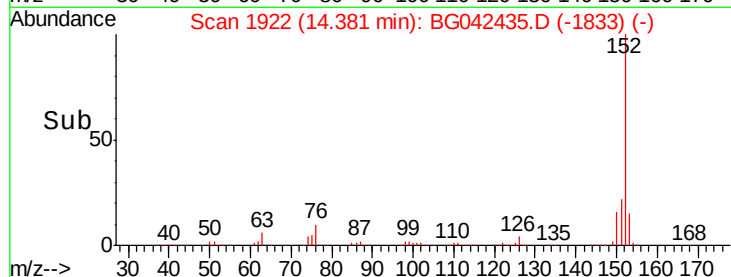


Abundance

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: 39.380 ng

RT: 14.11 min Scan# 1876

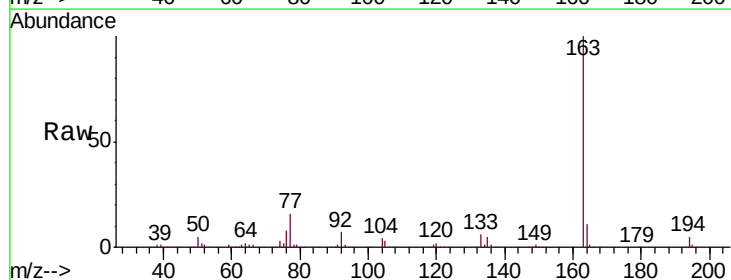
Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Tgt Ion:163 Resp: 832262

Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.2
164	10.9	8.8	13.2

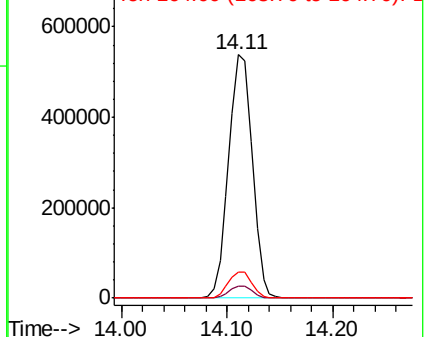
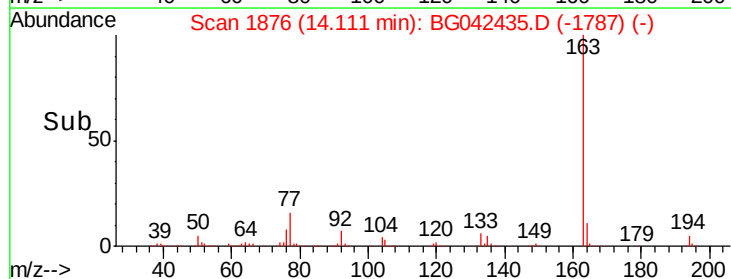


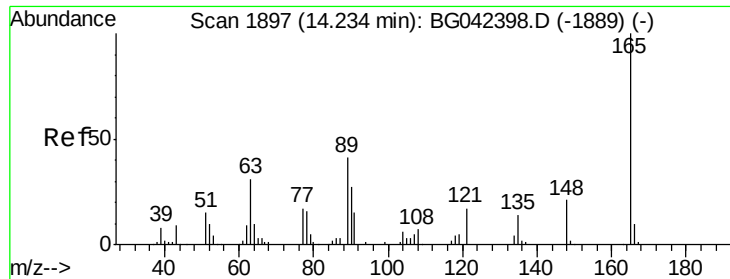
Abundance

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: 40.144 ng

RT: 14.23 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Instrument :

BNA_G

ClientSampleId :

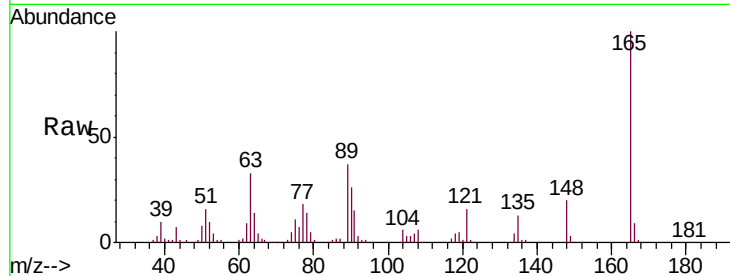
Tot Ion:165 Resp: 196651

Ion Ratio Lower Upper

165 100

63 33.4 30.6 45.8

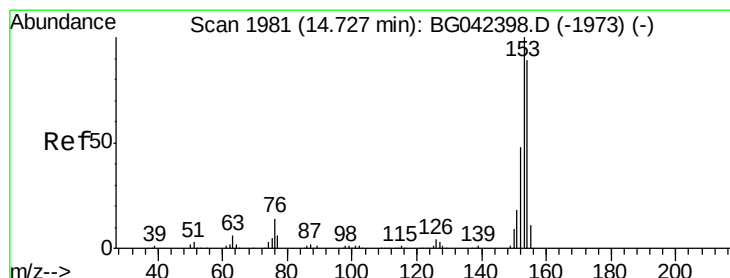
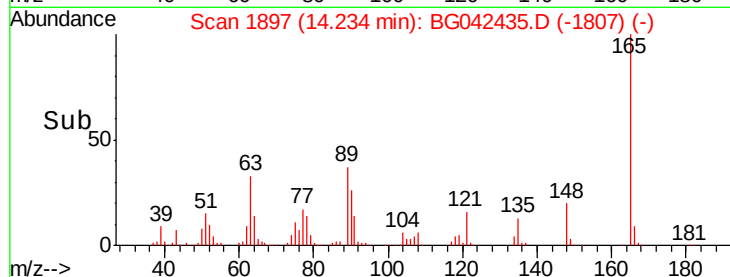
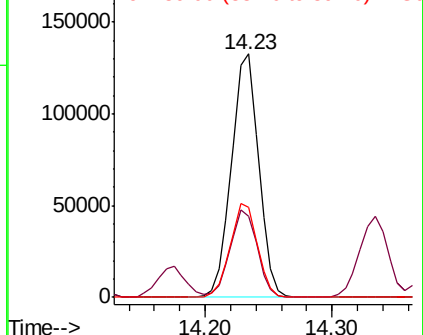
89 36.9 32.6 49.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.153 ng

RT: 14.73 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

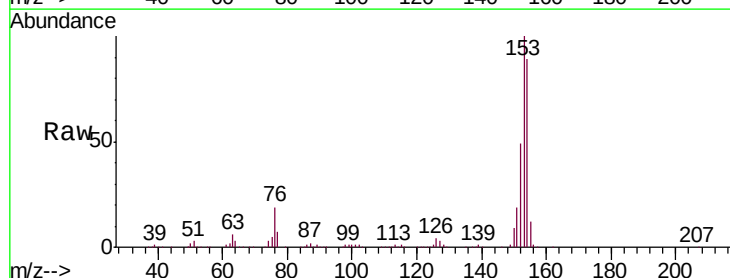
Tgt Ion:154 Resp: 613754

Ion Ratio Lower Upper

154 100

153 112.3 90.2 135.4

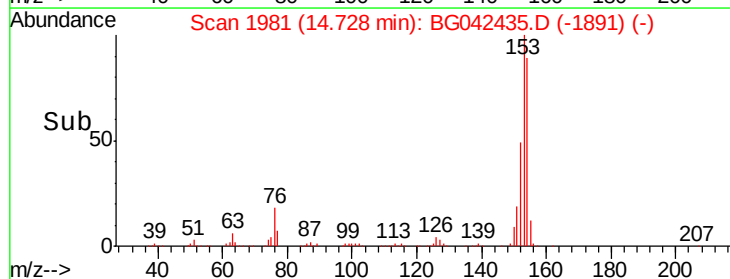
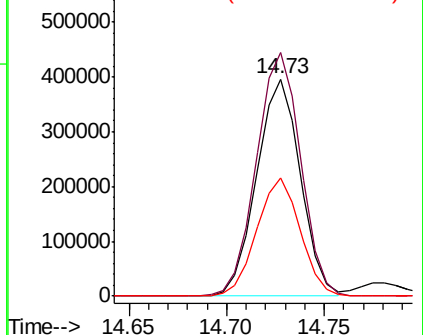
152 54.5 43.2 64.8

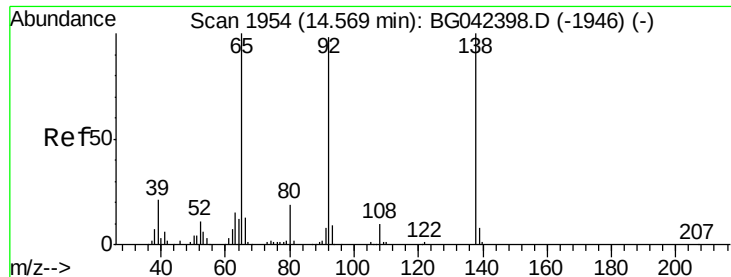


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 43.047 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Instrument :

BNA_G

ClientSampleId :

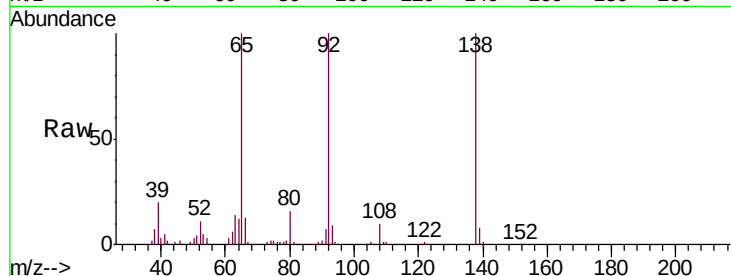
Tot Ion:138 Resp: 210897

Ion Ratio Lower Upper

138 100

108 9.6 8.3 12.5

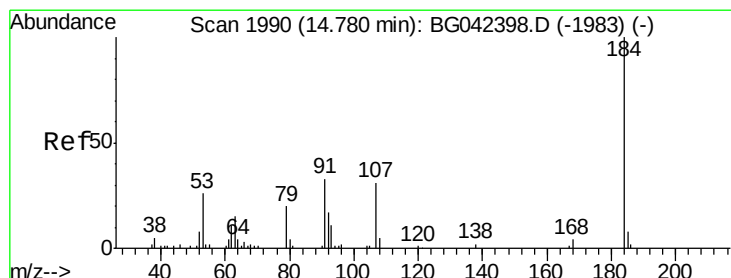
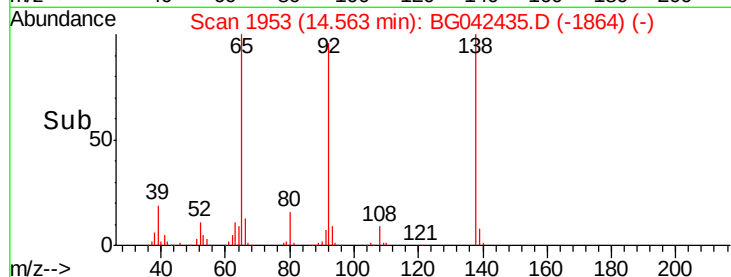
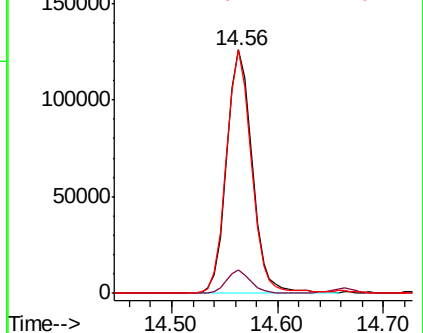
92 100.0 78.2 117.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 34.657 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

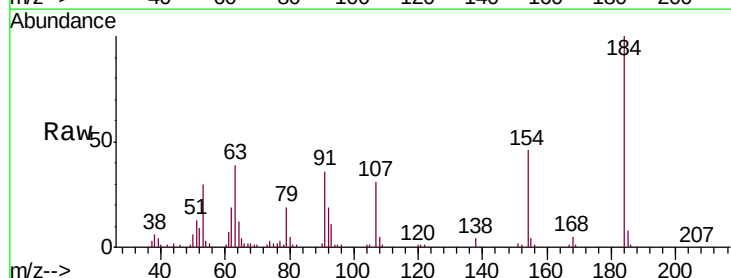
Tgt Ion:184 Resp: 101728

Ion Ratio Lower Upper

184 100

63 38.6 31.7 47.5

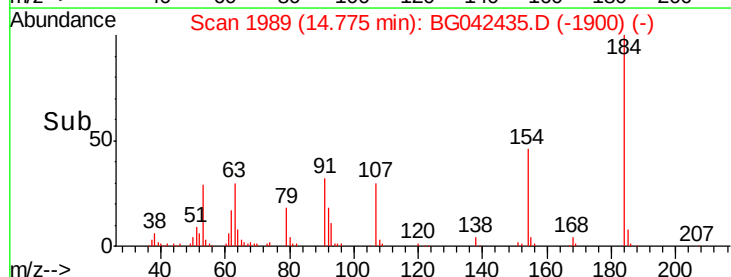
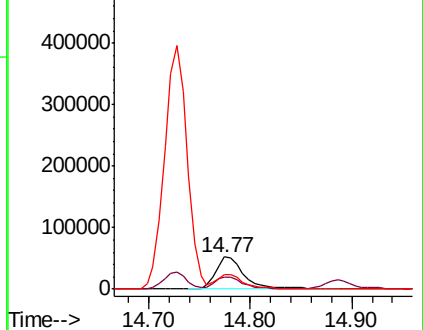
154 46.3 42.0 63.0

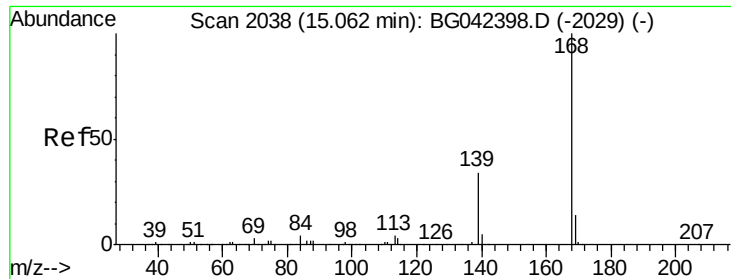


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 39.173 ng

RT: 15.06 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Instrument :

BNA_G

ClientSampleId :

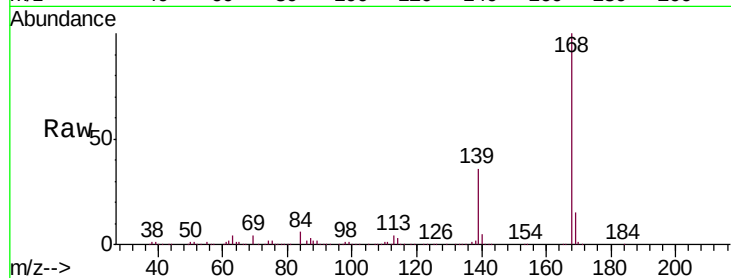
Tot Ion:168 Resp: 967067

Ion Ratio Lower Upper

168 100

139 35.8 27.2 40.8

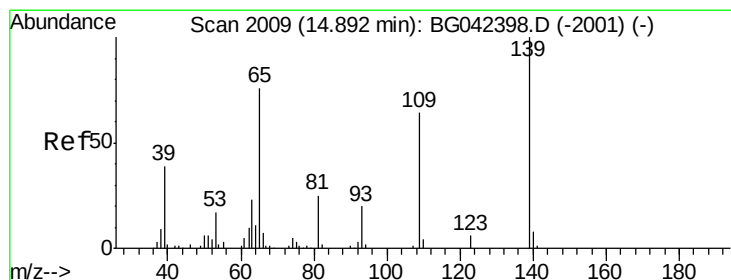
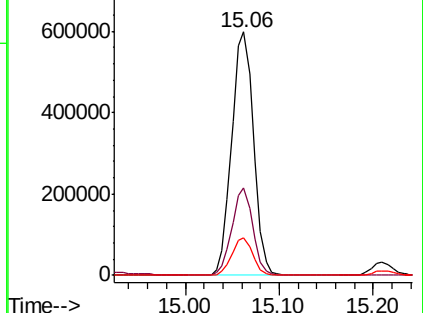
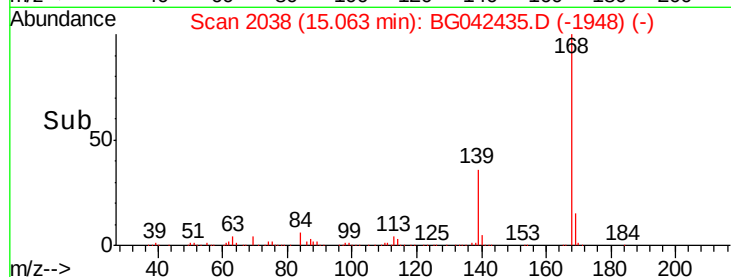
169 15.2 11.5 17.3



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: 43.502 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

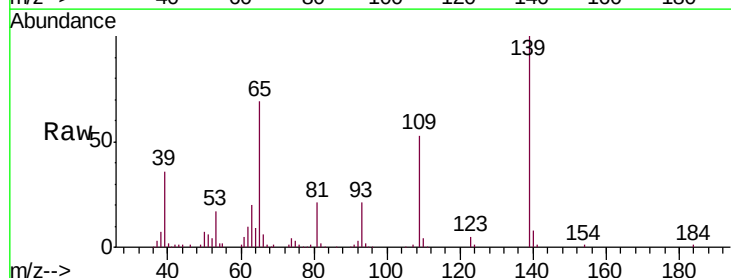
Tgt Ion:139 Resp: 151439

Ion Ratio Lower Upper

139 100

109 52.7 43.9 83.9

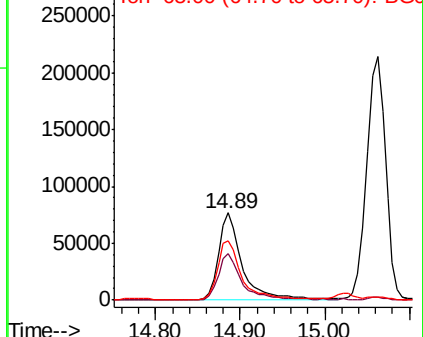
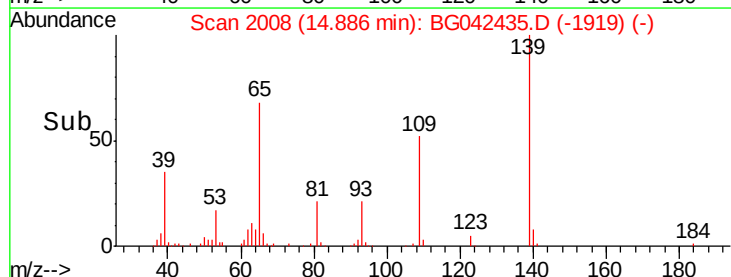
65 68.6 56.3 96.3

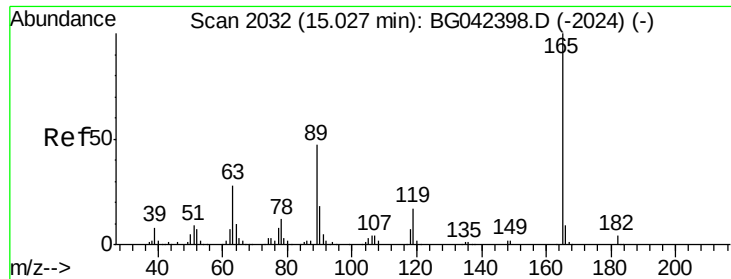


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

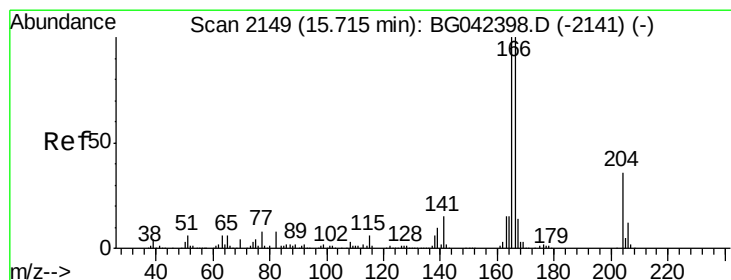
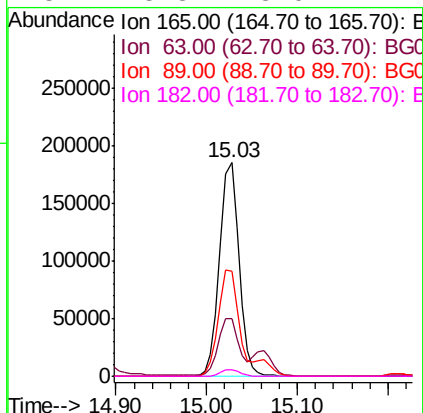
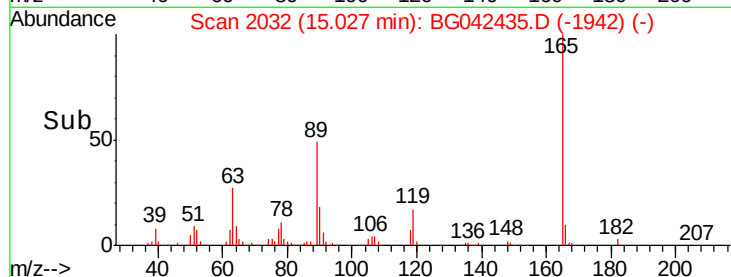
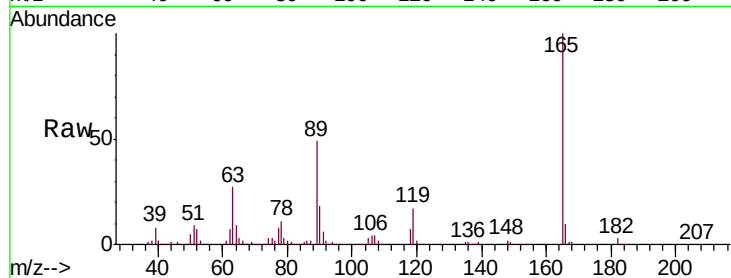




#57
 2,4-Dinitrotoluene
 Concen: 39.500 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042435.D
 Acq: 23 Aug 2019 16:13

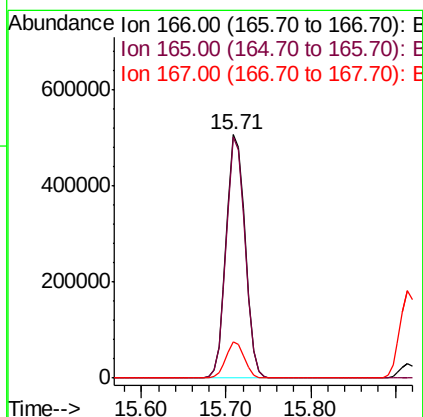
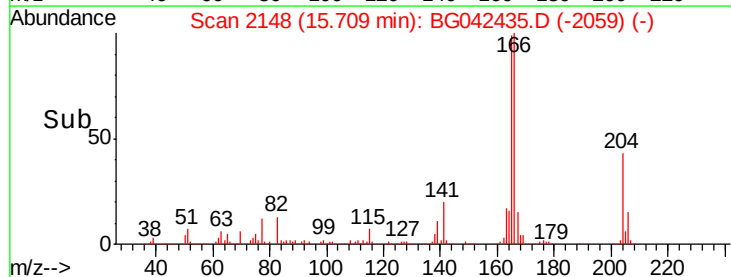
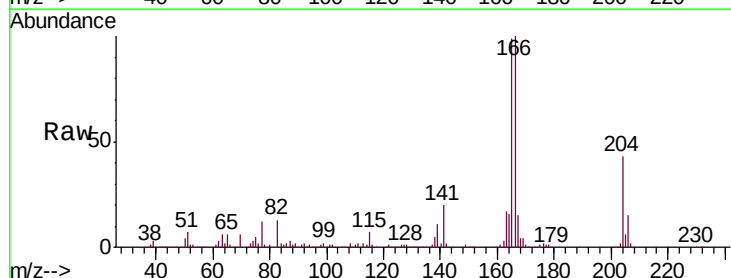
Instrument :
 BNA_G
 ClientSampleId :

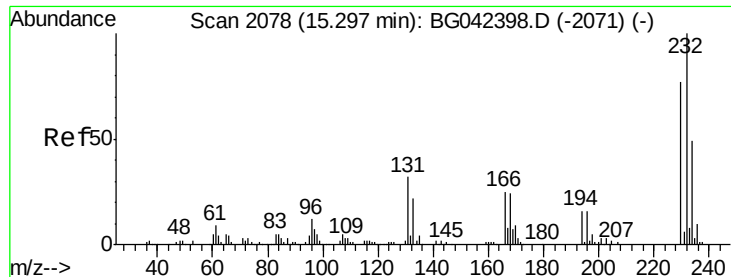
Tot Ion:165	Resp: 277088
Ion Ratio	Lower Upper
165 100	
63 26.9	22.5 33.7
89 49.2	37.8 56.6
182 3.3	3.0 4.4



#58
 Fluorene
 Concen: 38.919 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042435.D
 Acq: 23 Aug 2019 16:13

Tgt	Ion:166	Resp:	785396
Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.7	119.5
167	14.8	10.9	16.3

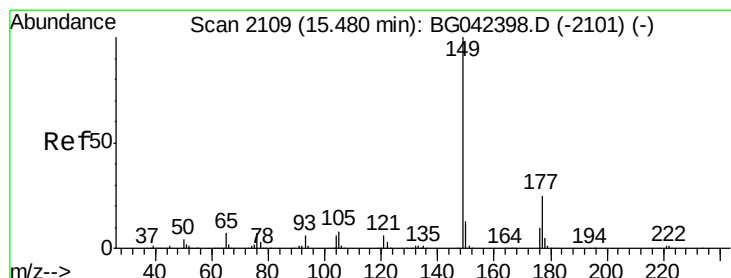
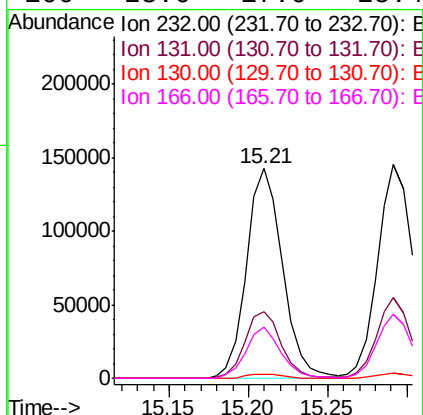
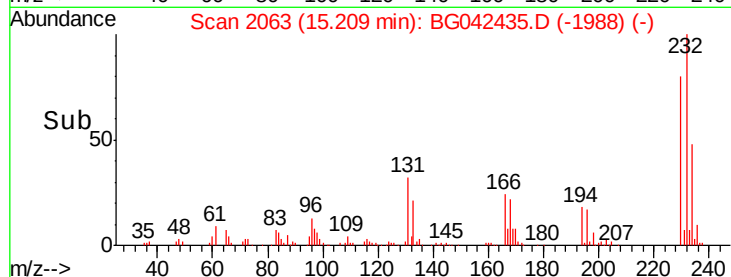
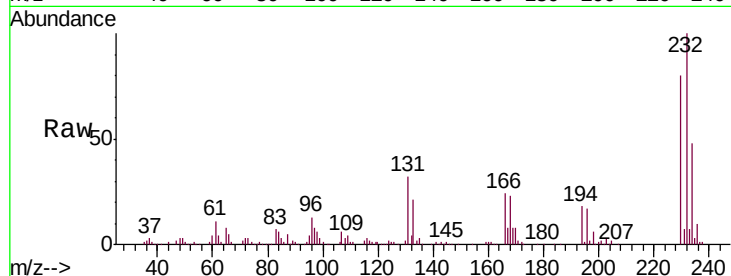




#59
2,3,4,6-Tetrachlorophenol
Concen: 34.488 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.09 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

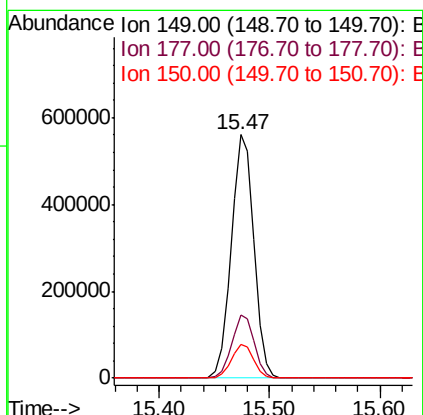
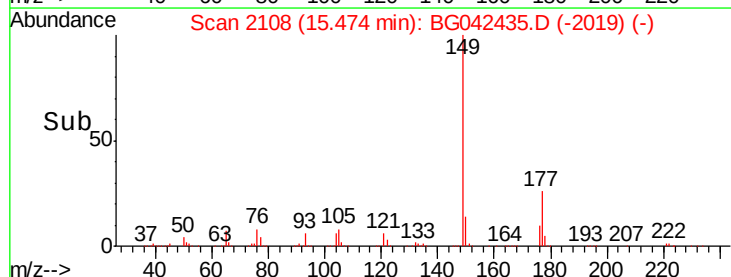
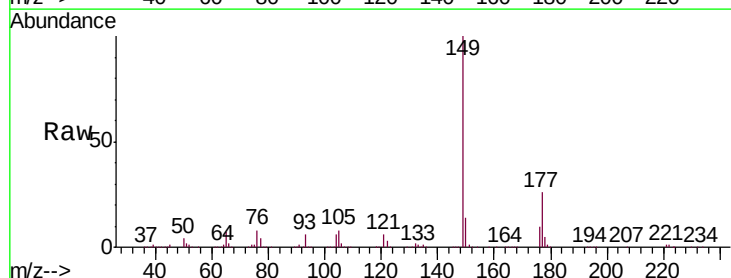
Instrument :
BNA_G
ClientSampleId :

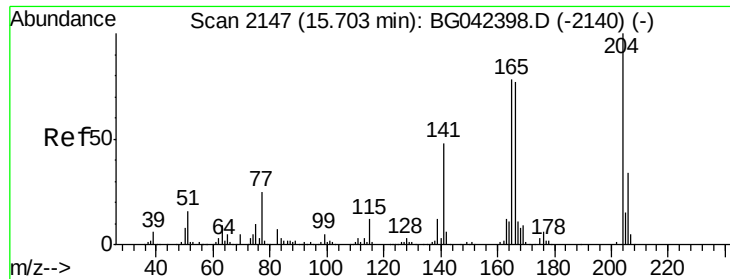
Tot Ion:232	Resp:	224711
Ion Ratio	Lower	Upper
232	100	
131	32.0	22.9 34.3
130	1.9	1.4 2.0
166	23.6	17.0 25.4



#60
Diethylphthalate
Concen: 38.869 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

Tgt Ion:149	Resp:	803027
Ion Ratio	Lower	Upper
149	100	
177	25.7	20.4 30.6
150	13.9	10.3 15.5

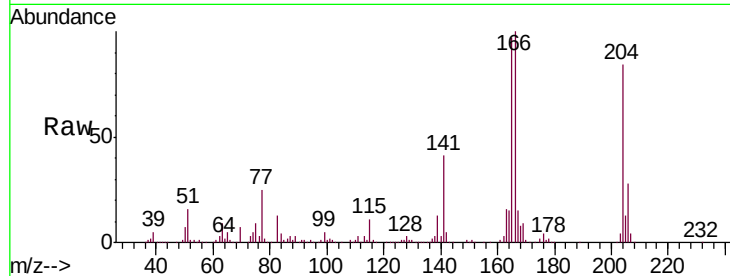




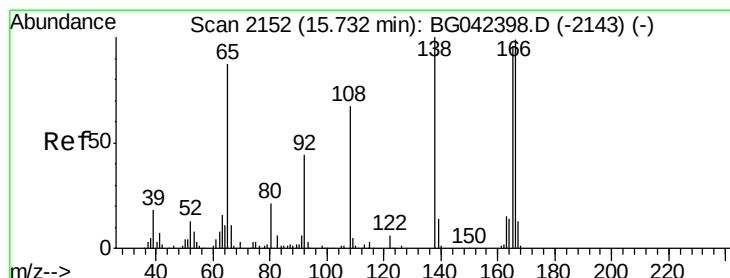
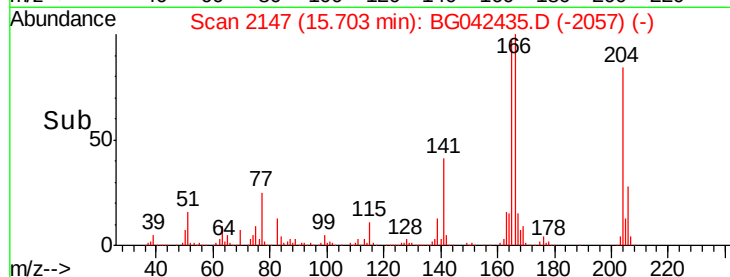
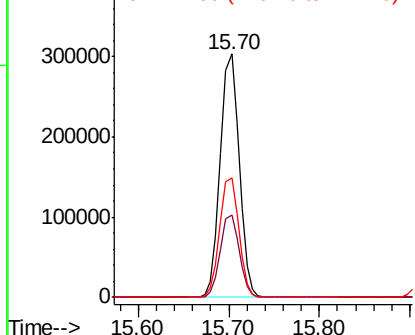
#61
 4-Chlorophenyl-phenylether
 Concen: 36.153 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG042435.D
 Acq: 23 Aug 2019 16:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 439802
 Ion Ratio Lower Upper
 204 100
 206 33.8 27.2 40.8
 141 49.1 38.7 58.1

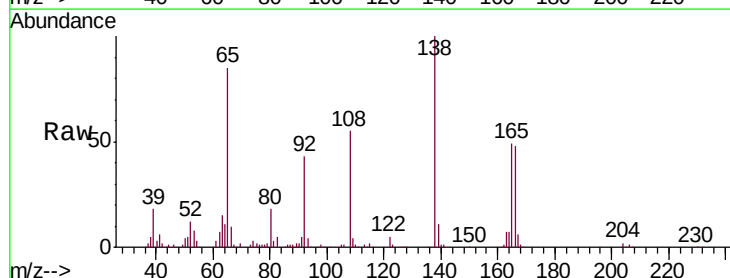


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

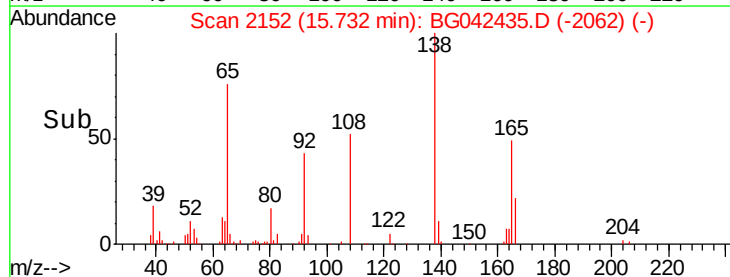
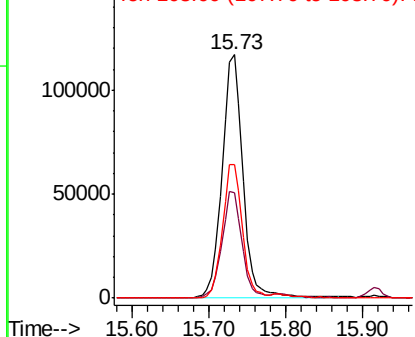


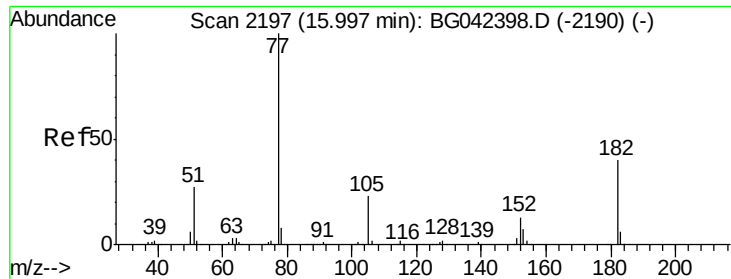
#62
 4-Nitroaniline
 Concen: 42.341 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG042435.D
 Acq: 23 Aug 2019 16:13

Tgt Ion:138 Resp: 222007
 Ion Ratio Lower Upper
 138 100
 92 43.3 24.2 64.2
 108 55.1 46.8 86.8



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E

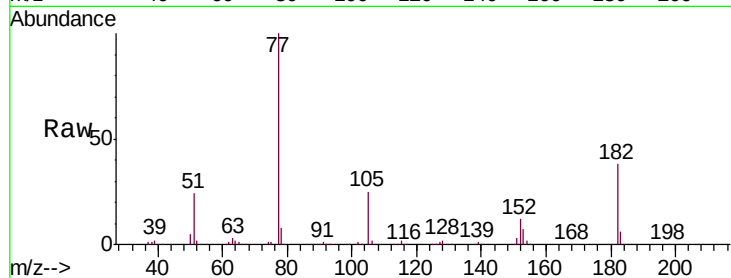




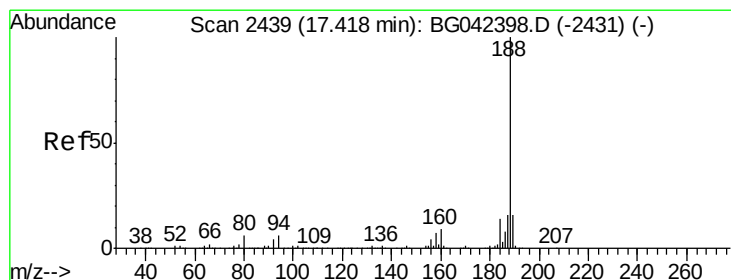
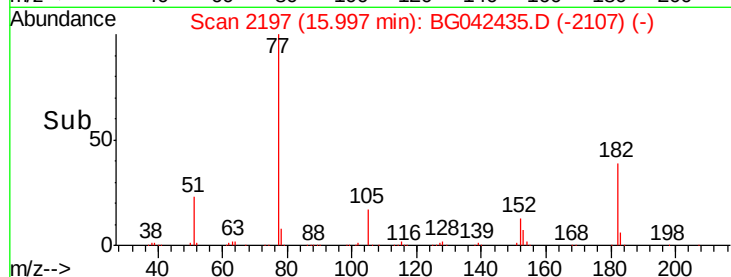
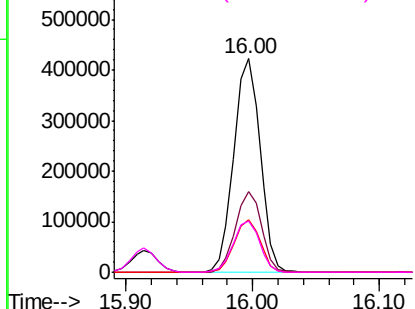
#63
Azobenzene
Concen: 42.868 ng
RT: 16.00 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	606854
Ion	Ratio	Lower	Upper
77	100		
182	37.6	19.9	59.9
105	24.5	2.9	42.9
51	24.1	7.6	47.6

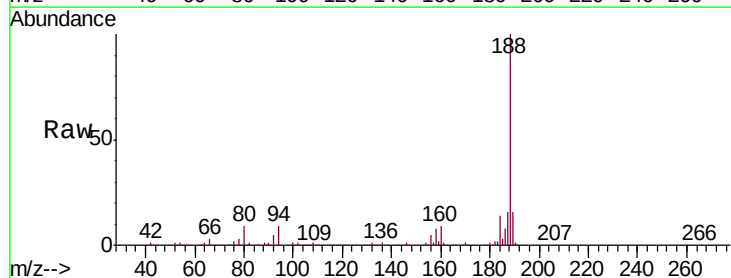


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

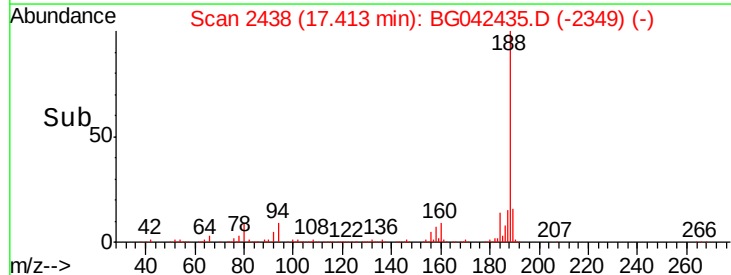
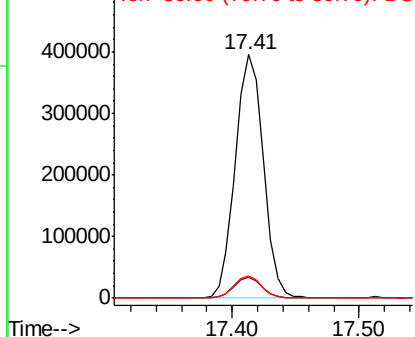


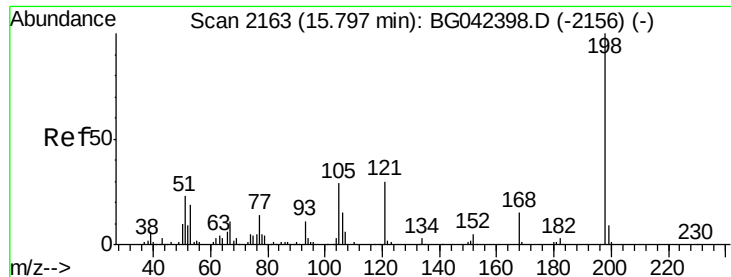
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

Tgt Ion:	188	Resp:	606967
Ion	Ratio	Lower	Upper
188	100		
94	8.7	4.5	6.7#
80	9.1	4.9	7.3#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

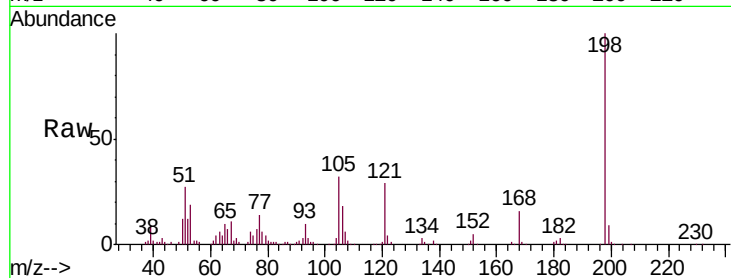




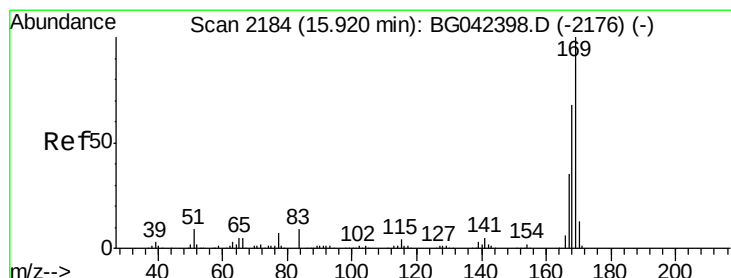
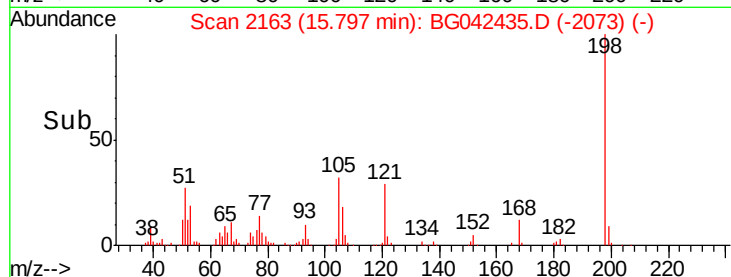
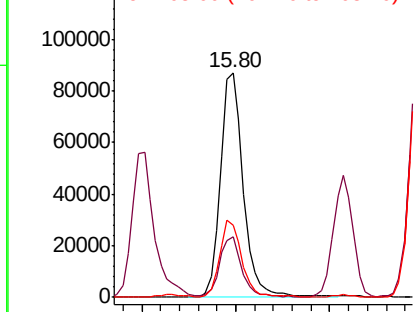
#65
4,6-Dinitro-2-methylphenol
Concen: 38.858 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 147870
Ion Ratio Lower Upper
198 100
51 27.1 4.2 44.2
105 32.0 8.8 48.8

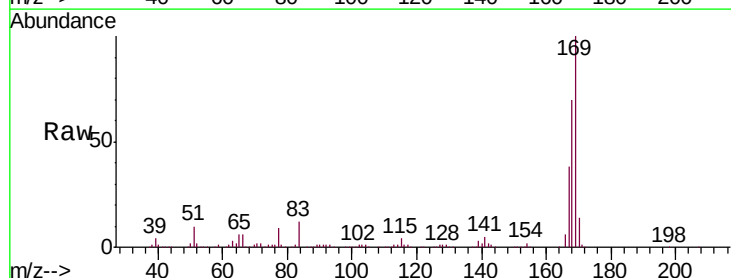


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

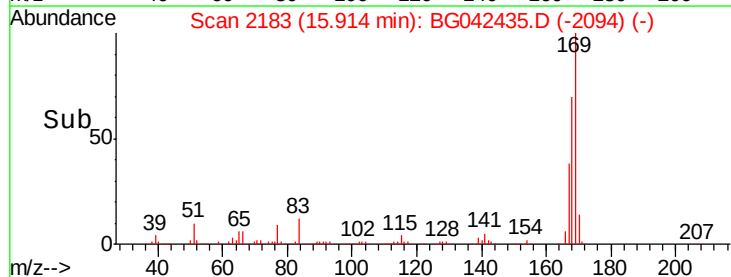
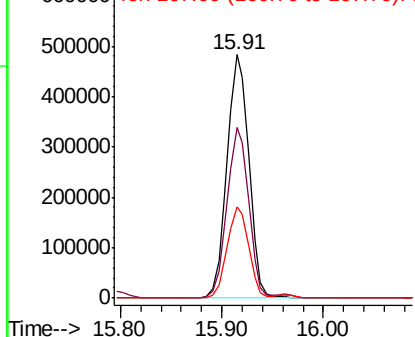


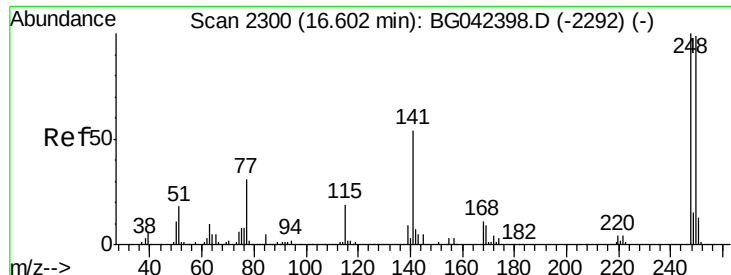
#66
n-Nitrosodiphenylamine
Concen: 43.277 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

Tgt Ion:169 Resp: 722379
Ion Ratio Lower Upper
169 100
168 70.1 54.3 81.5
167 37.6 28.2 42.2



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

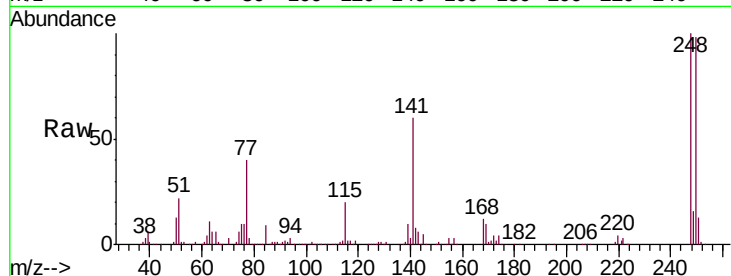




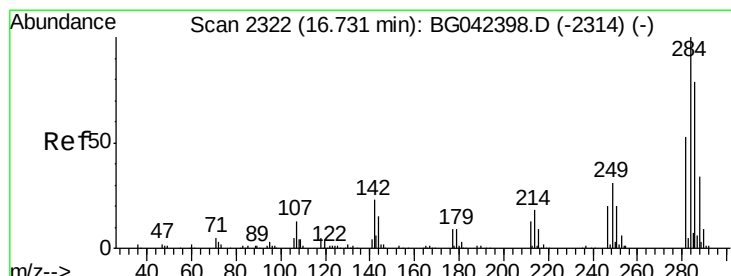
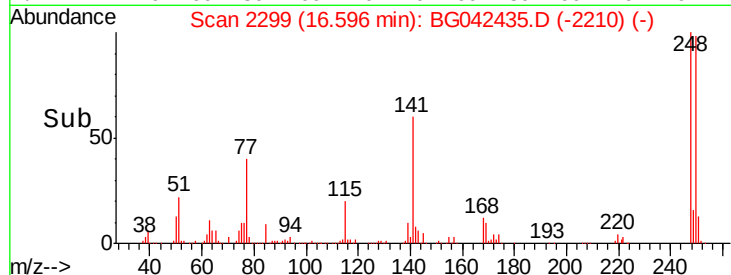
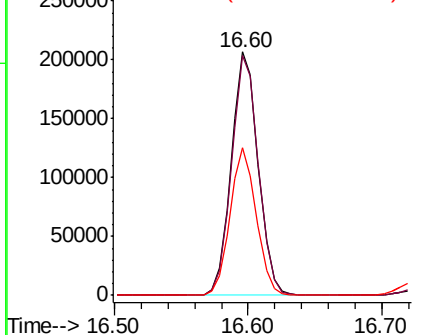
#67
 4-Bromophenyl-phenylether
 Concen: 37.631 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042435.D
 Acq: 23 Aug 2019 16:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 289717
 Ion Ratio Lower Upper
 248 100
 250 98.5 78.9 118.3
 141 60.5 43.3 64.9

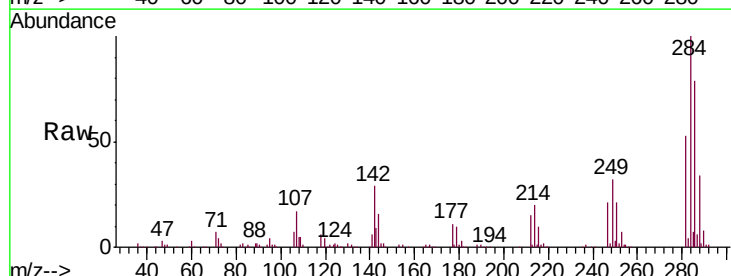


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

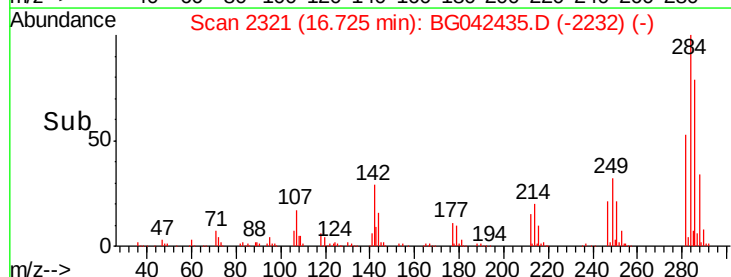
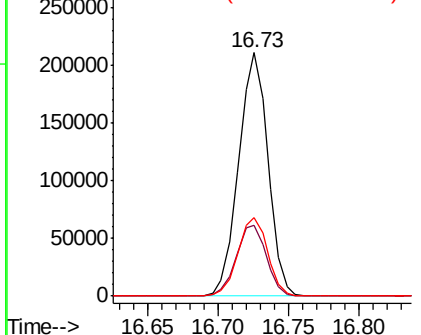


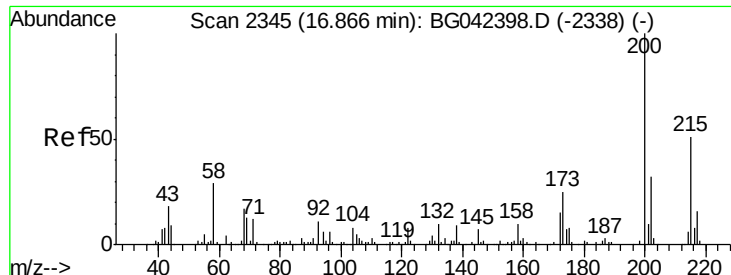
#68
 Hexachlorobenzene
 Concen: 36.525 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042435.D
 Acq: 23 Aug 2019 16:13

Tgt Ion:284 Resp: 305691
 Ion Ratio Lower Upper
 284 100
 142 29.3 18.2 27.4#
 249 32.2 25.0 37.4



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: 36.102 ng

RT: 16.87 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Instrument :

BNA_G

ClientSampled :

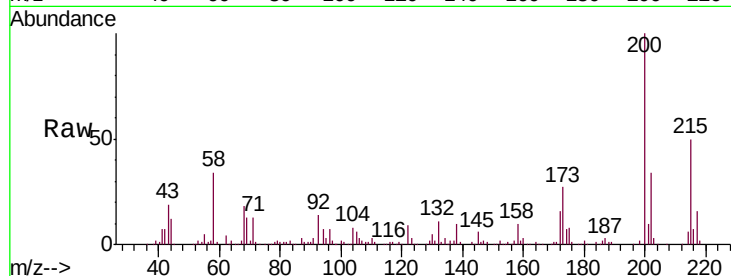
Tot Ion:200 Resp: 213102

Ion Ratio Lower Upper

200 100

173 26.6 4.9 44.9

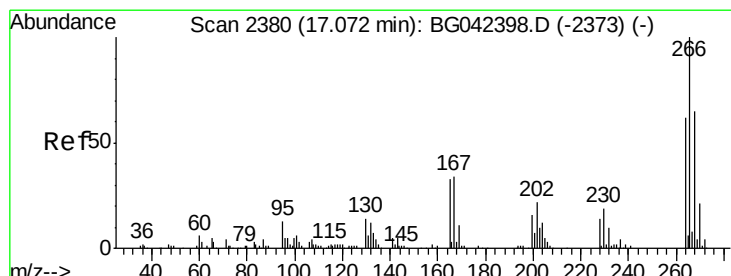
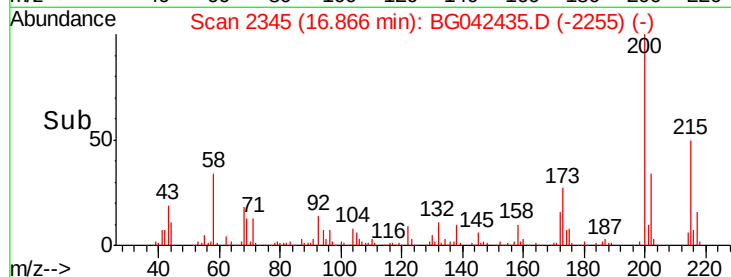
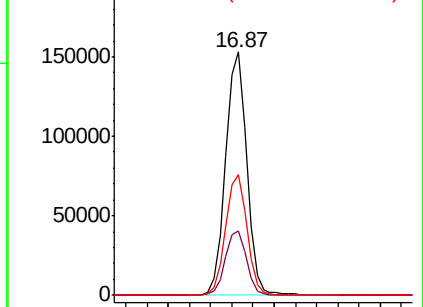
215 49.7 30.7 70.7



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: 36.142 ng

RT: 17.07 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

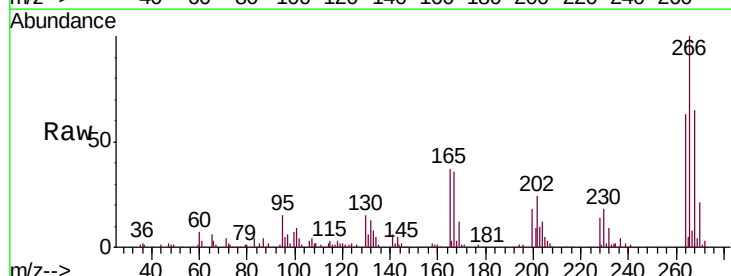
Tgt Ion:266 Resp: 157168

Ion Ratio Lower Upper

266 100

268 64.9 52.1 78.1

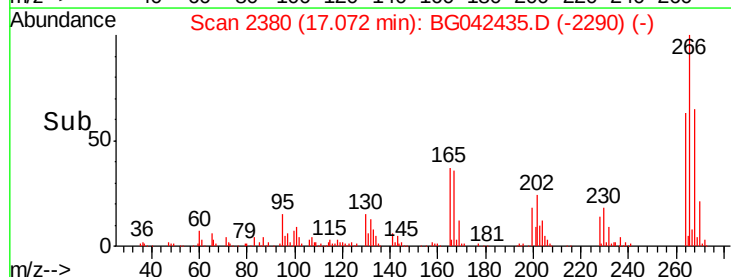
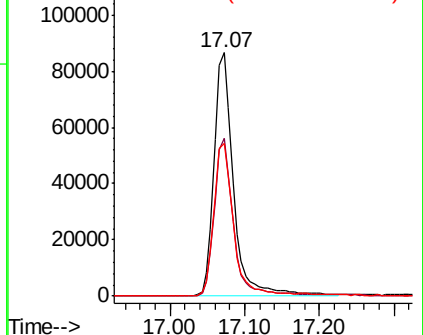
264 62.6 49.4 74.2

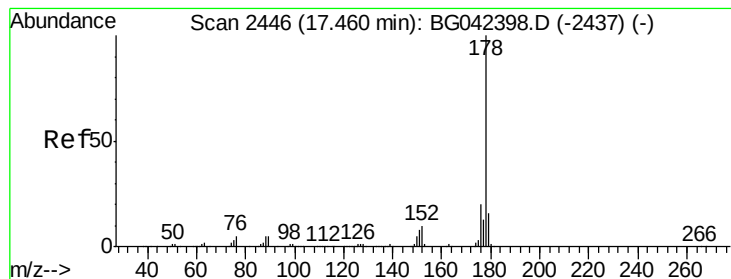


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.753 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Instrument :

BNA_G

ClientSampleId :

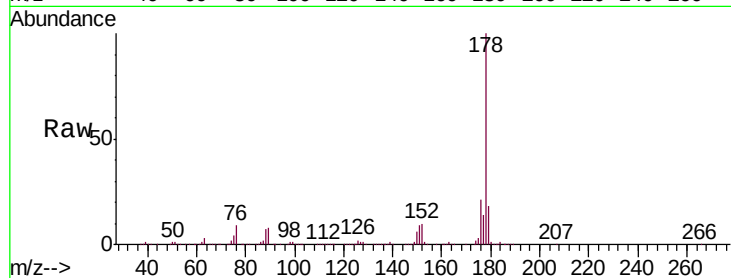
Tot Ion:178 Resp: 1228676

Ion Ratio Lower Upper

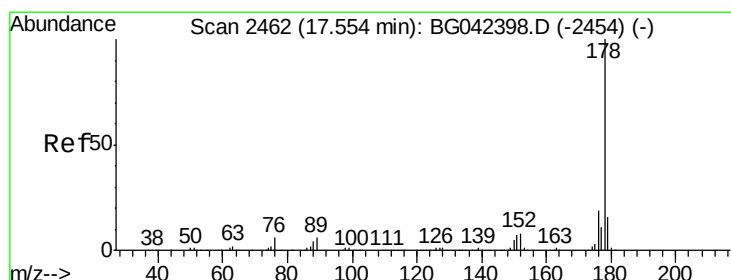
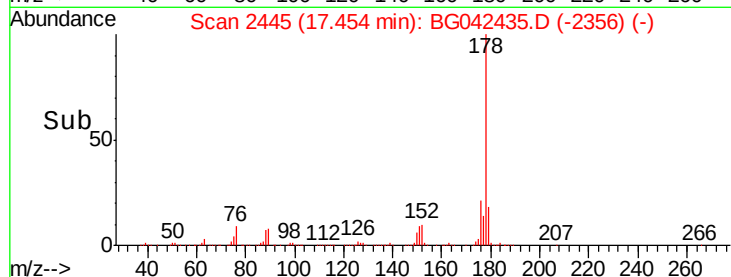
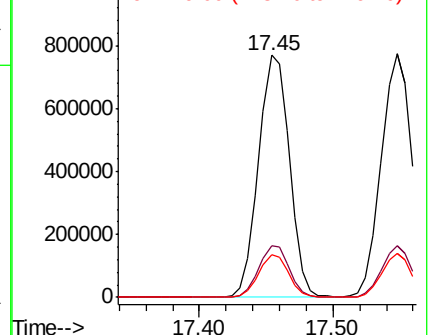
178 100

176 21.2 15.9 23.9

179 17.7 12.7 19.1



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



#72

Anthracene

Concen: 41.097 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

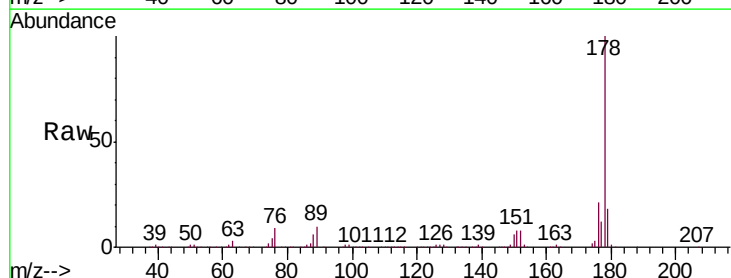
Tgt Ion:178 Resp: 1236923

Ion Ratio Lower Upper

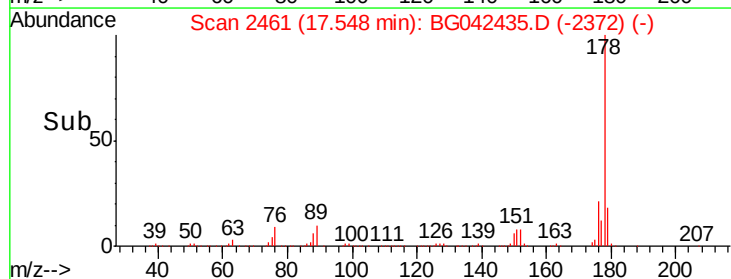
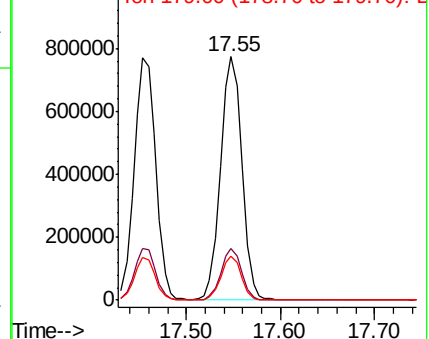
178 100

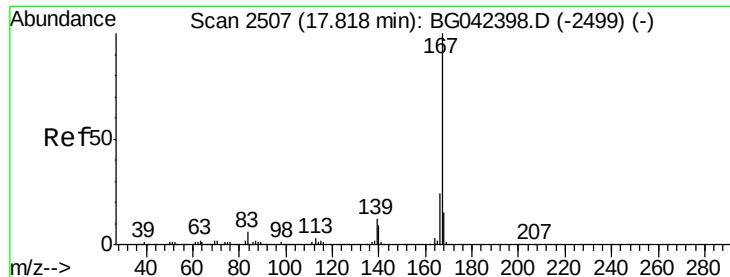
176 21.3 15.5 23.3

179 17.8 12.9 19.3



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: 43.131 ng

RT: 17.82 min Scan# 2507

Delta R.T. 0.00 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

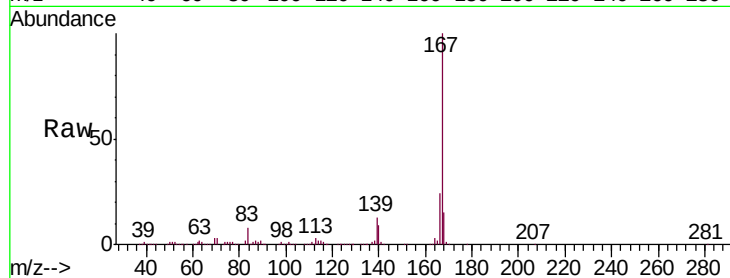
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1156967

Ion	Ratio	Lower	Upper
167	100		
166	24.4	18.9	28.3
139	12.6	9.8	14.6

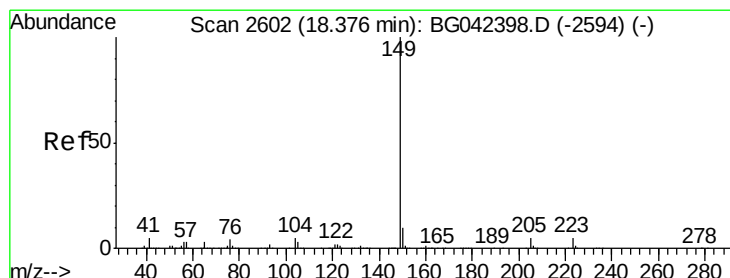
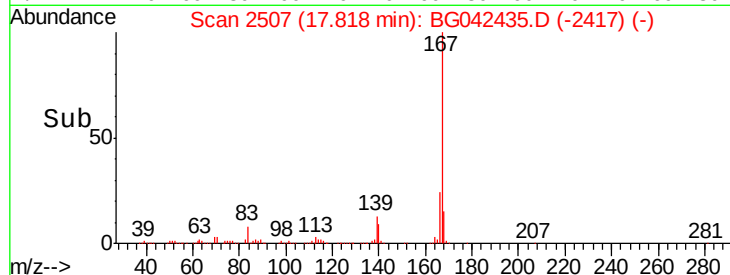
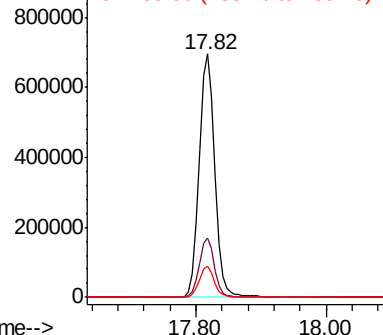


Abundance

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: 42.446 ng

RT: 18.37 min Scan# 2601

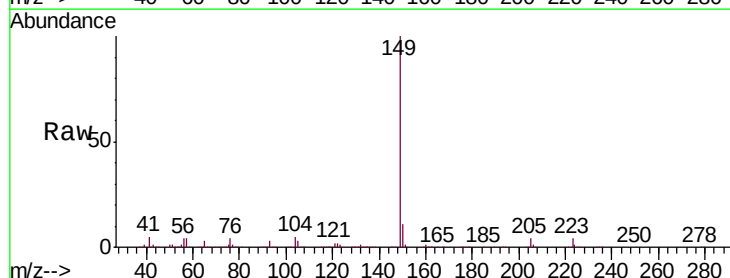
Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Tgt Ion:149 Resp: 1345928

Ion	Ratio	Lower	Upper
149	100		
150	11.1	8.1	12.1
104	4.8	3.7	5.5

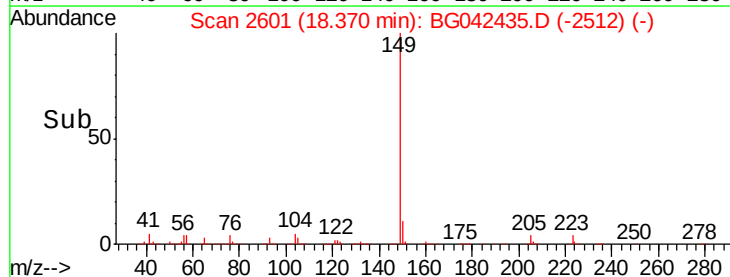
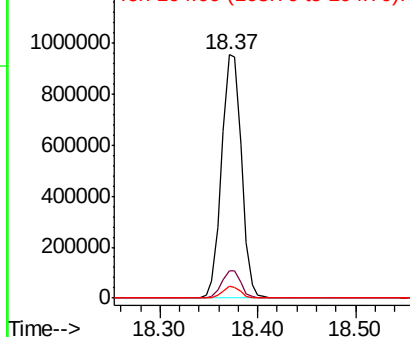


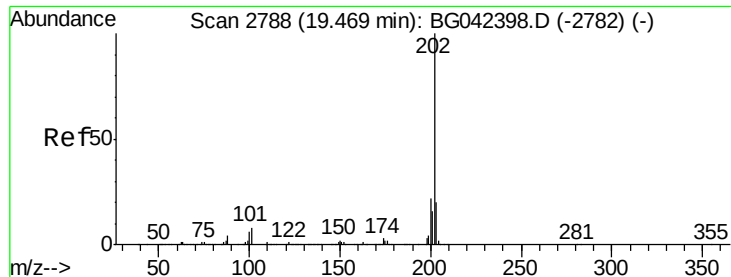
Abundance

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: 32.819 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

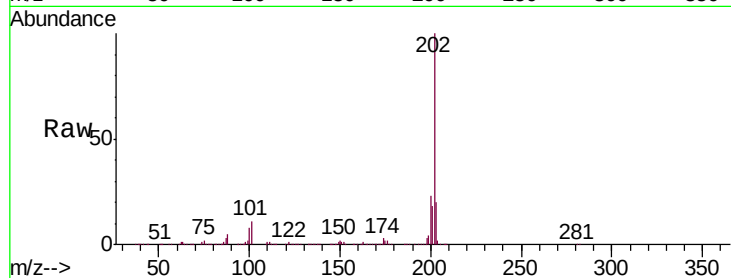
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1207556

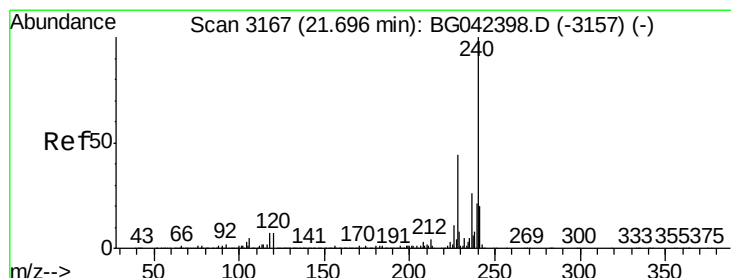
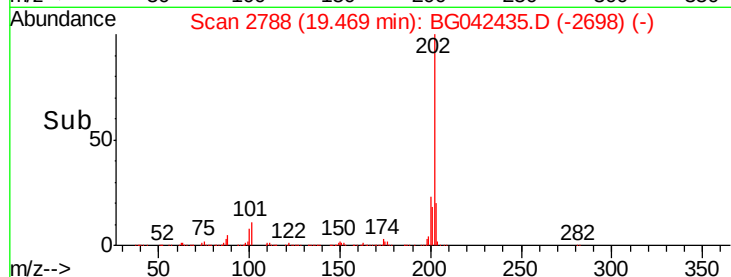
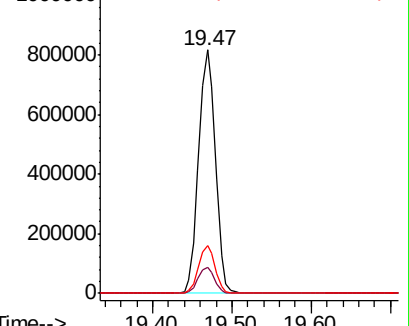
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	28.3
203	19.8	0.0	39.6



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: 21.70 min Scan# 3167

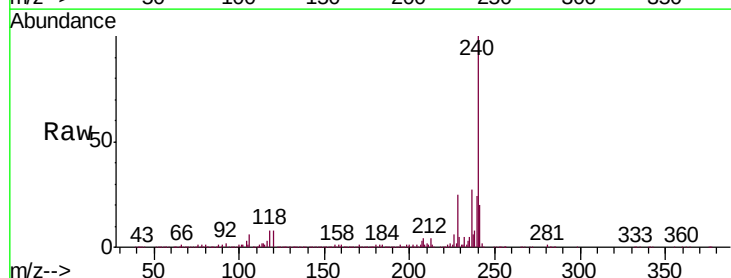
Delta R.T. 0.00 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Tgt Ion:240 Resp: 415317

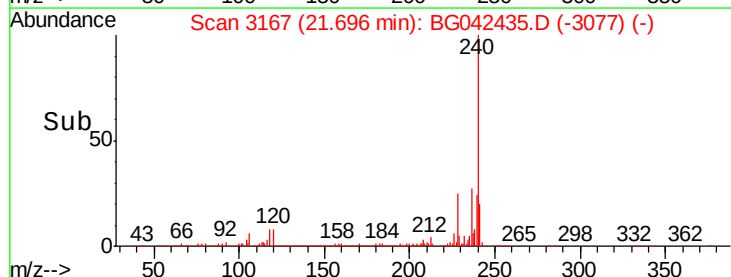
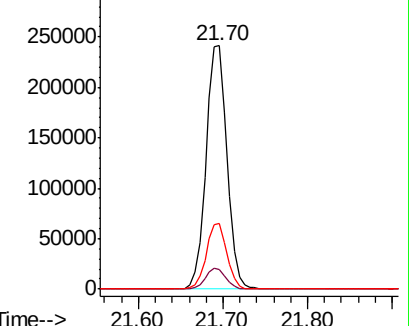
Ion	Ratio	Lower	Upper
240	100		
120	8.1	5.7	8.5
236	27.1	21.0	31.4

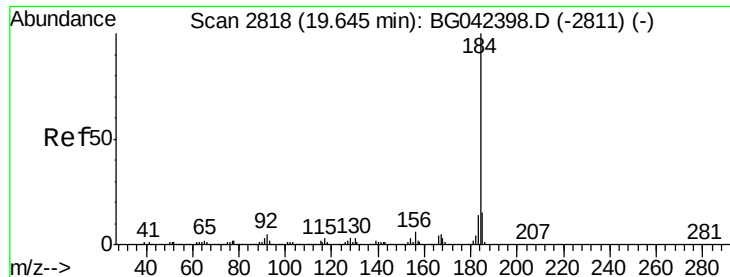


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.977 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

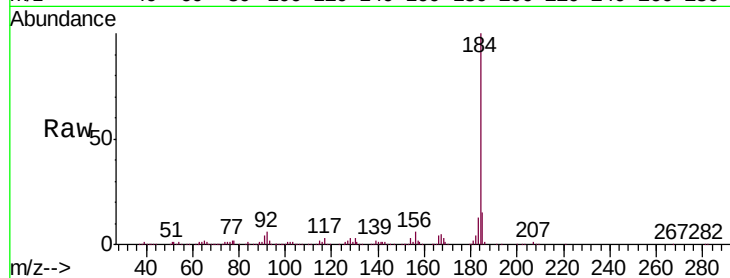
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 547457

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.4
183	13.4	10.8	16.2

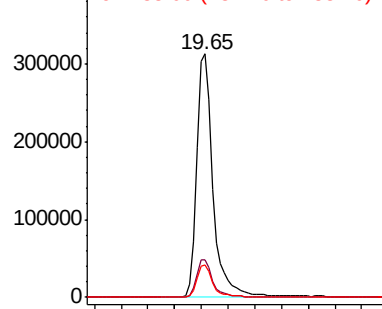


Abundance

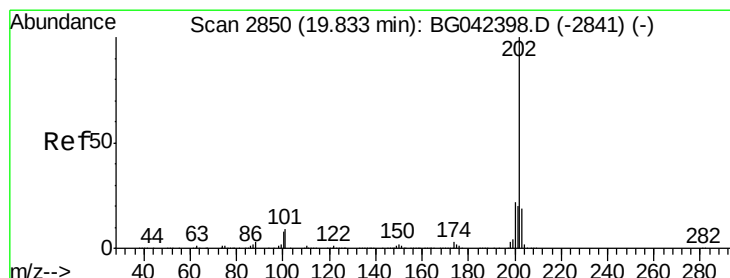
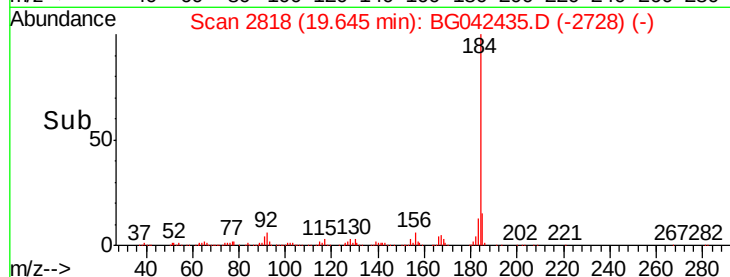
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 46.609 ng

RT: 19.83 min Scan# 2850

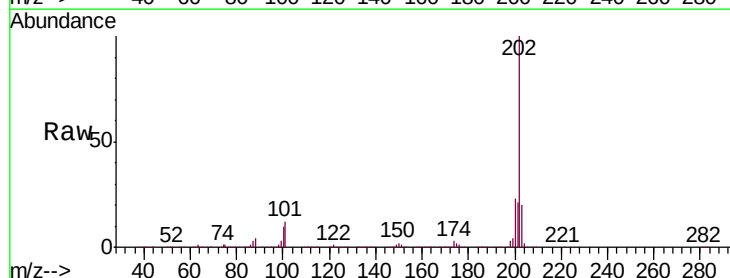
Delta R.T. 0.00 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Tgt Ion:202 Resp: 1186797

Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.8	26.6
203	20.2	15.5	23.3

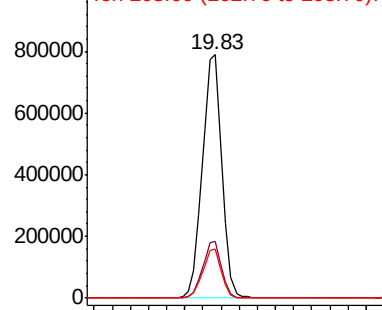


Abundance

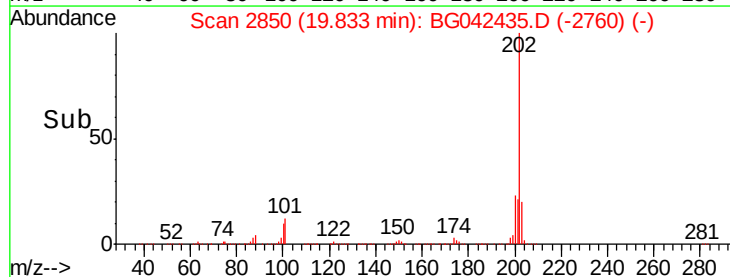
Ion 202.00 (201.70 to 202.70): E

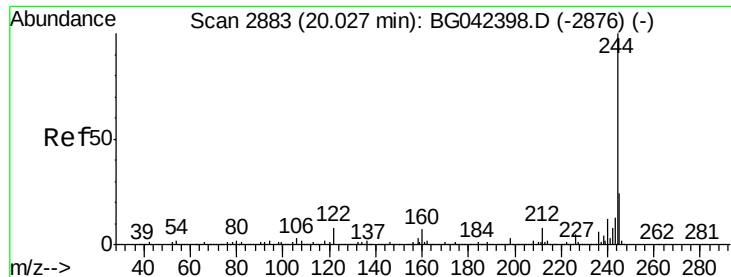
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 84.068 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Instrument :

BNA_G

ClientSampleId :

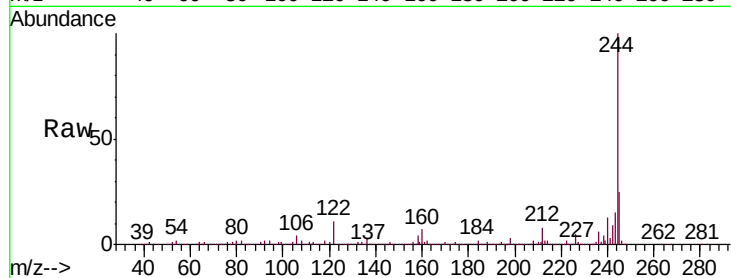
Tot Ion:244 Resp: 1614997

Ion Ratio Lower Upper

244 100

212 8.4 6.0 9.0

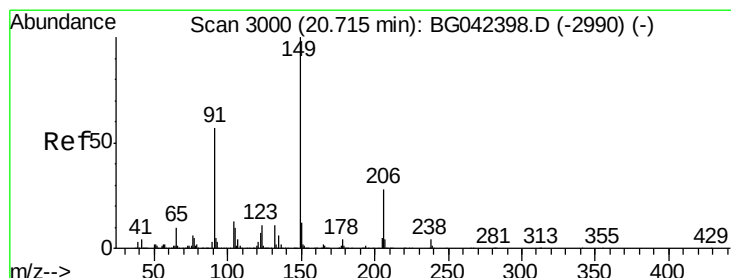
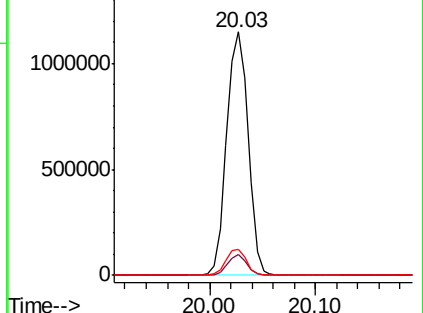
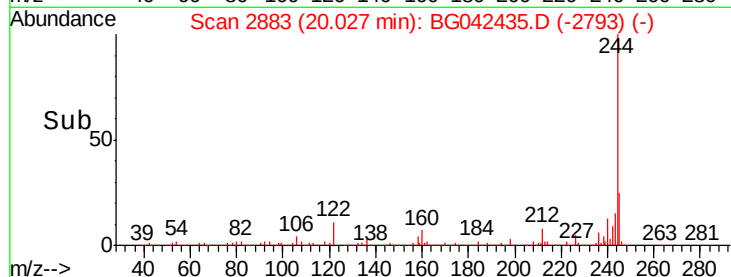
122 10.9 6.7 10.1#



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: 45.873 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

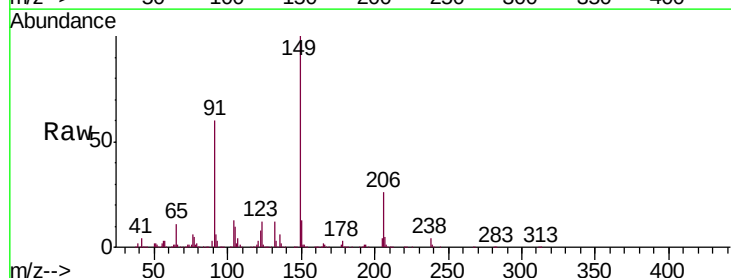
Tgt Ion:149 Resp: 459425

Ion Ratio Lower Upper

149 100

91 60.4 45.9 68.9

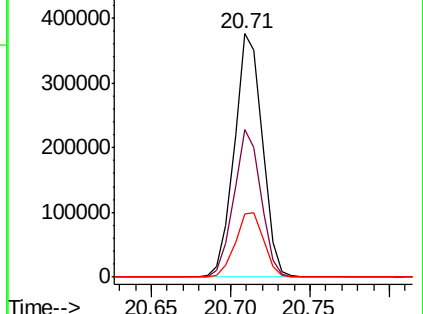
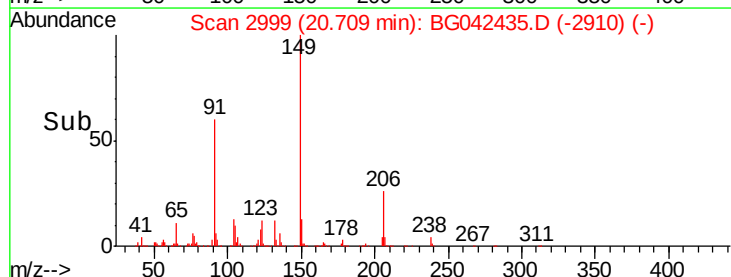
206 26.0 22.5 33.7

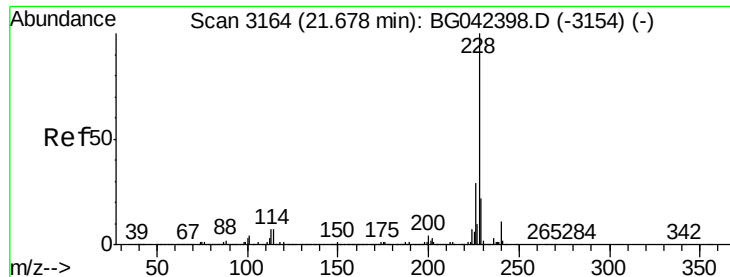


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.735 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Instrument :

BNA_G

ClientSampleId :

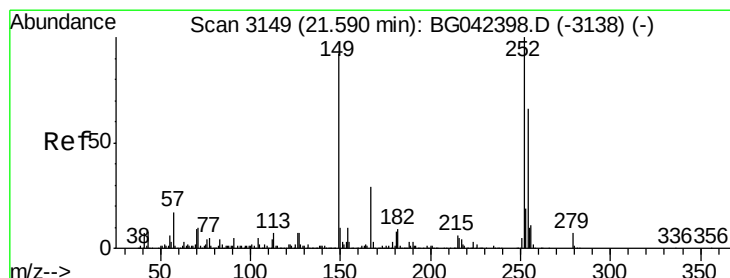
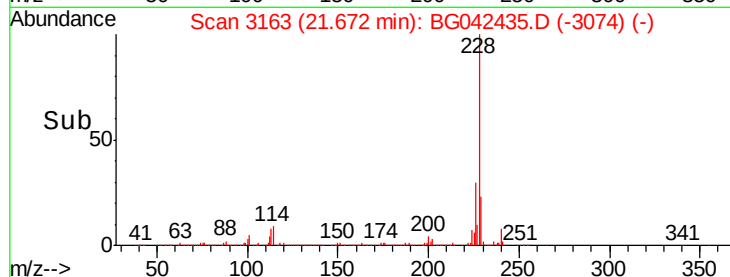
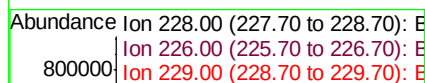
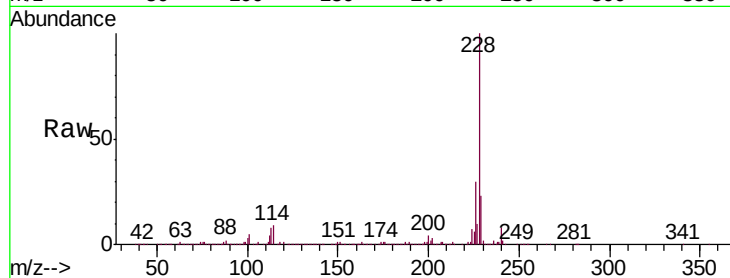
Tot Ion:228 Resp: 1054426

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	22.5	17.4	26.2

228 100

226 29.9 23.4 35.2

229 22.5 17.4 26.2



#82

3,3'-Dichlorobenzidine

Concen: 40.088 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

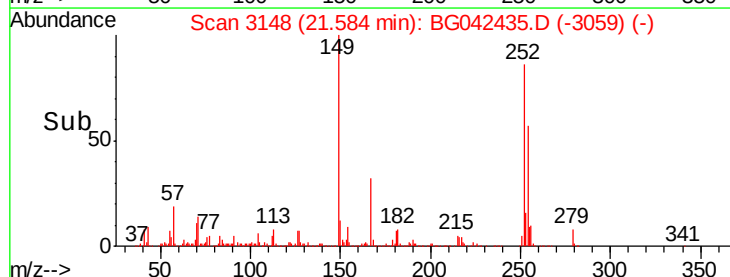
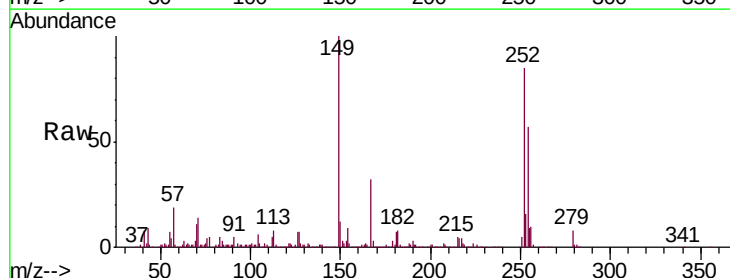
Tgt Ion:252 Resp: 407333

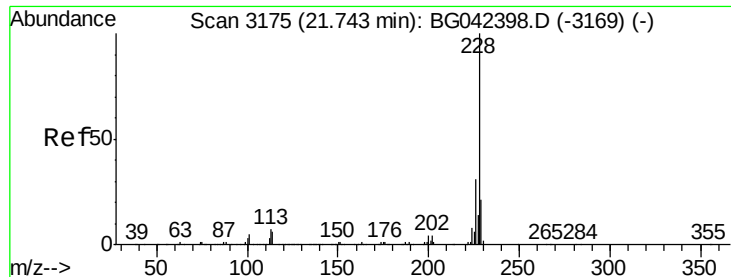
Ion	Ratio	Lower	Upper
252	100		
254	66.7	53.0	79.4
126	8.1	5.7	8.5

252 100

254 66.7 53.0 79.4

126 8.1 5.7 8.5

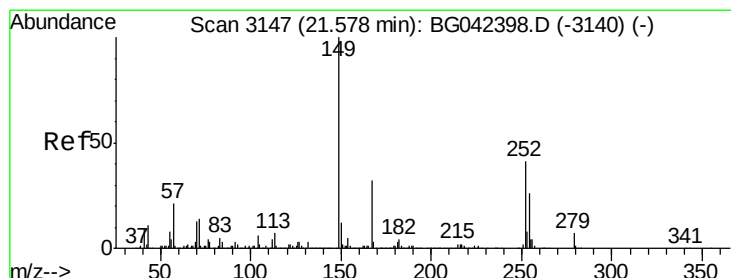
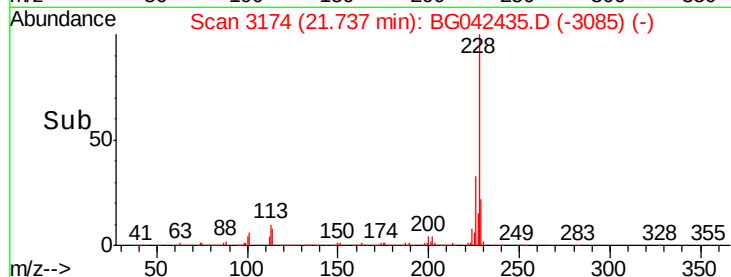
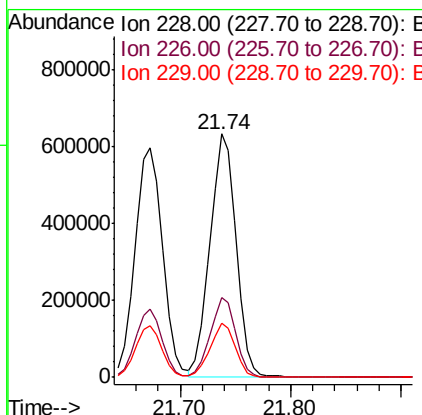
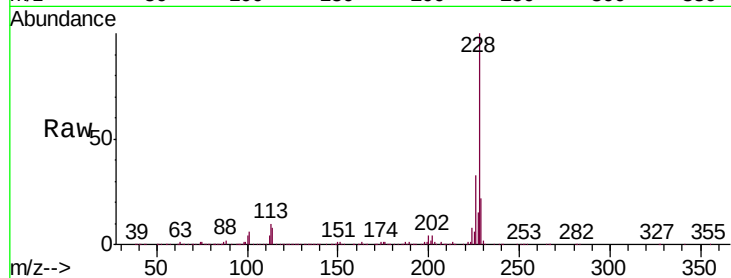




#83
Chrysene
Concen: 42.131 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

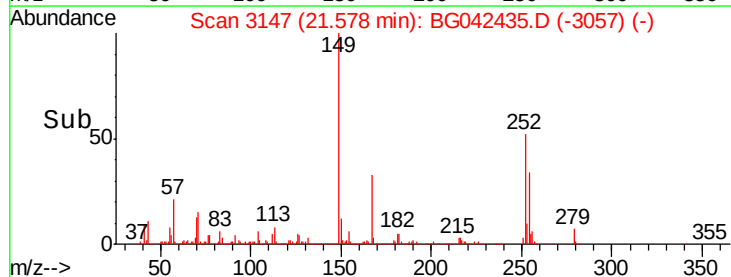
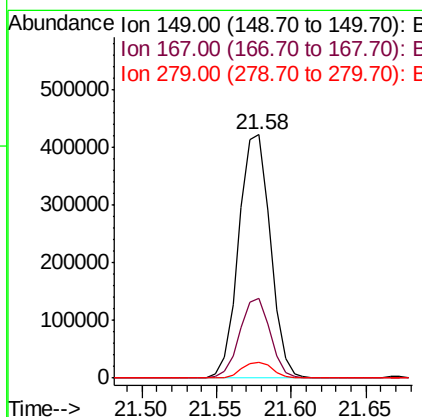
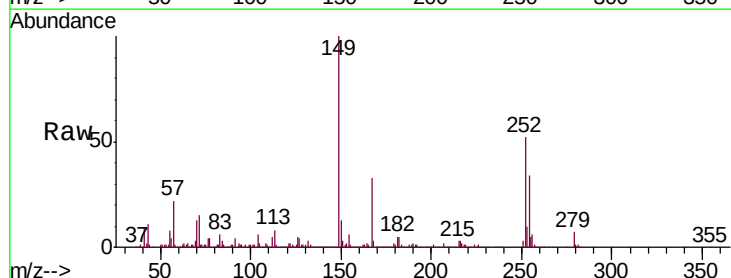
Instrument :
BNA_G
ClientSampleId :

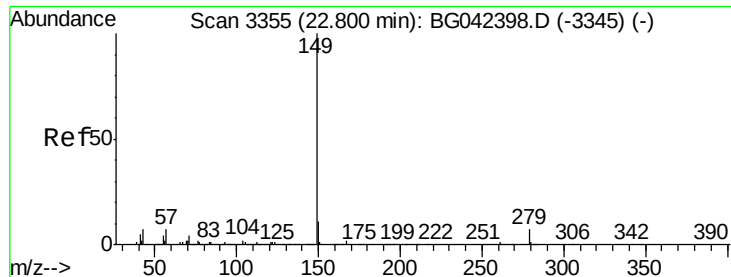
Tot Ion:228 Resp: 1026538
Ion Ratio Lower Upper
228 100
226 32.9 24.9 37.3
229 22.1 16.9 25.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.537 ng
RT: 21.58 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

Tgt Ion:149 Resp: 619300
Ion Ratio Lower Upper
149 100
167 32.7 26.0 39.0
279 6.6 5.4 8.0





#85

Di-n-octyl phthalate

Concen: 43.538 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Instrument :

BNA_G

ClientSampleId :

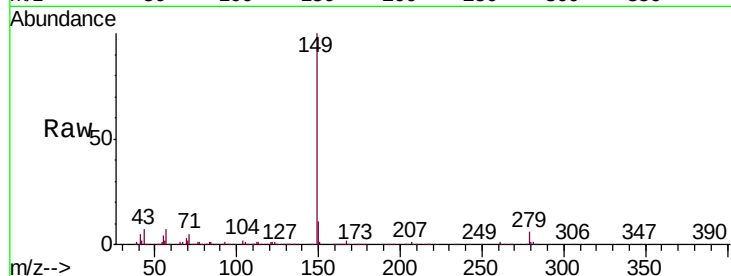
Tot Ion:149 Resp: 1041266

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

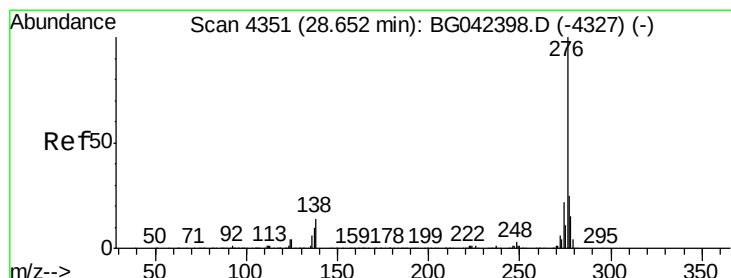
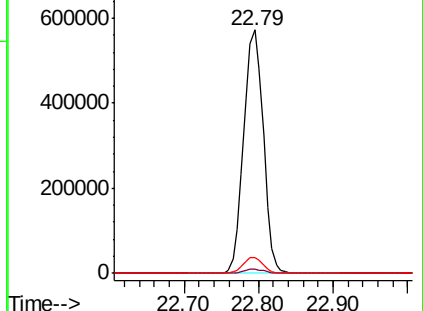
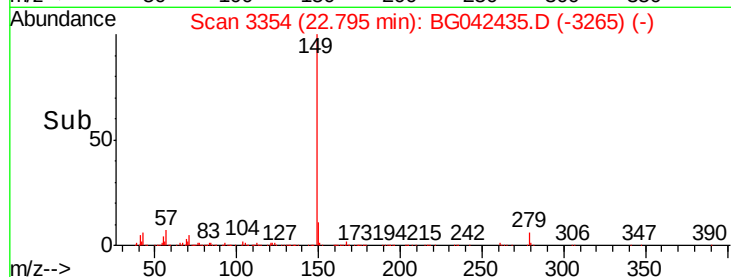
43 6.6 5.3 7.9



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: 39.781 ng

RT: 28.65 min Scan# 4350

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

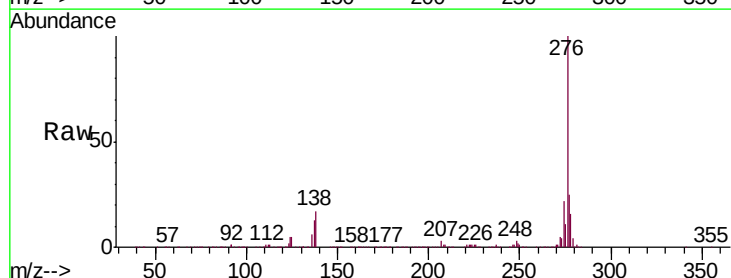
Tgt Ion:276 Resp: 1317210

Ion Ratio Lower Upper

276 100

138 8.9 9.2 13.8#

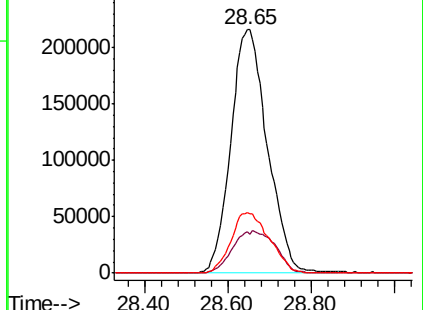
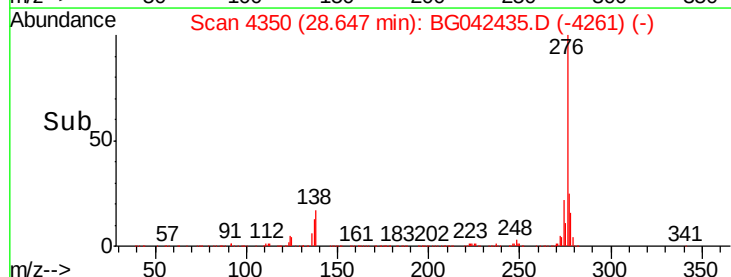
277 26.1 21.0 31.6

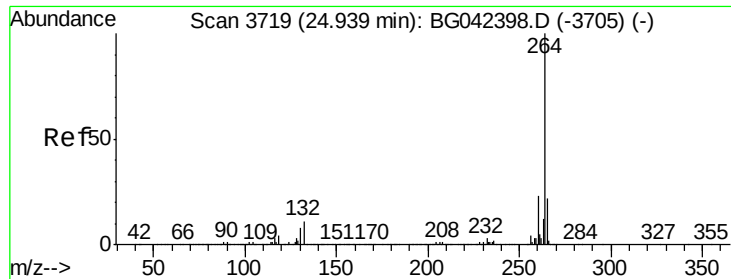


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

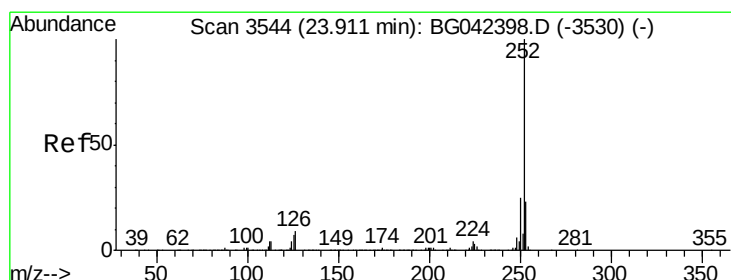
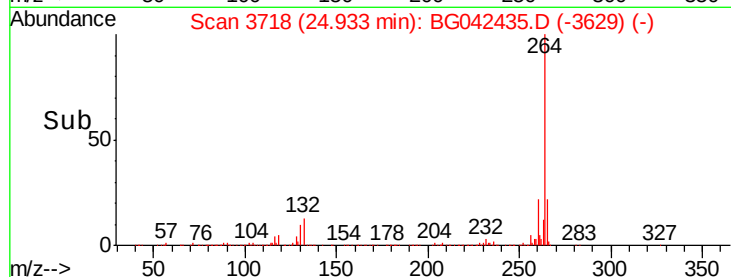
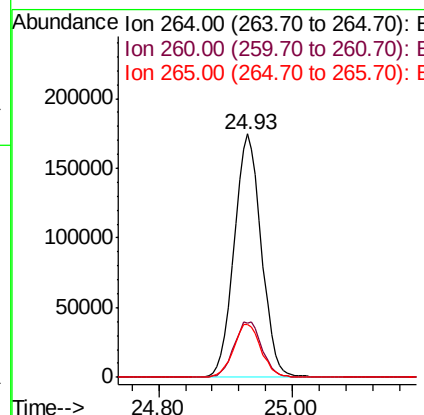
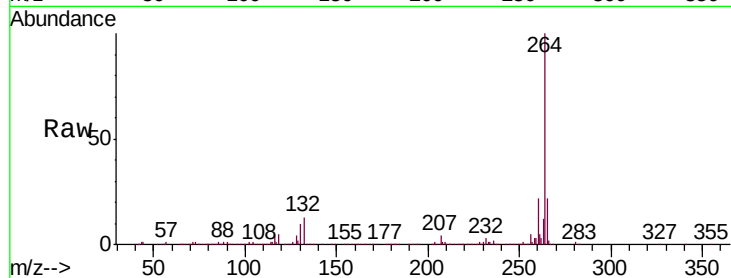




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.01 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

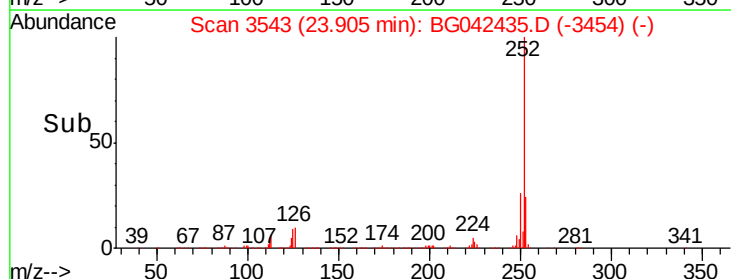
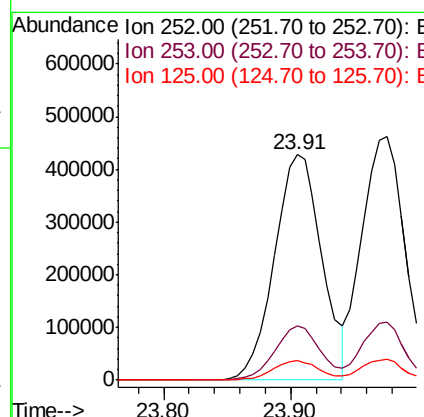
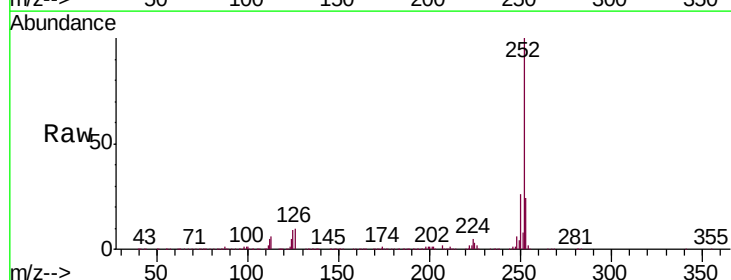
Instrument :
BNA_G
ClientSampleId :

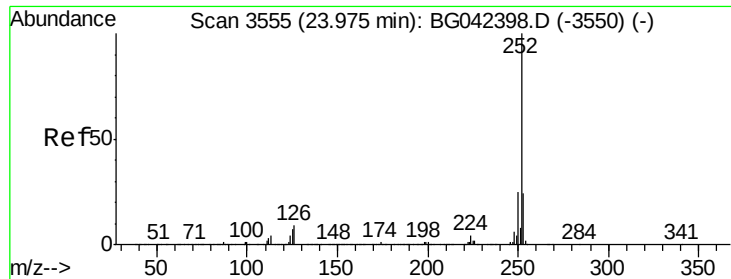
Tot Ion:264 Resp: 495525
Ion Ratio Lower Upper
264 100
260 22.5 18.5 27.7
265 22.0 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 40.841 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

Tgt Ion:252 Resp: 1112607
Ion Ratio Lower Upper
252 100
253 24.2 18.6 27.8
125 8.8 5.6 8.4#





#89

Benzo(k)fluoranthene

Concen: 41.385 ng

RT: 23.98 min Scan# 3555

Delta R.T. 0.00 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

Instrument :

BNA_G

ClientSampleId :

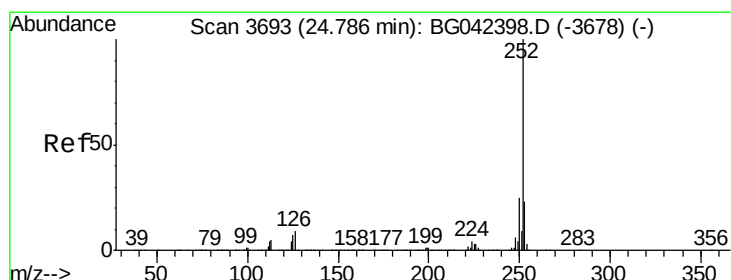
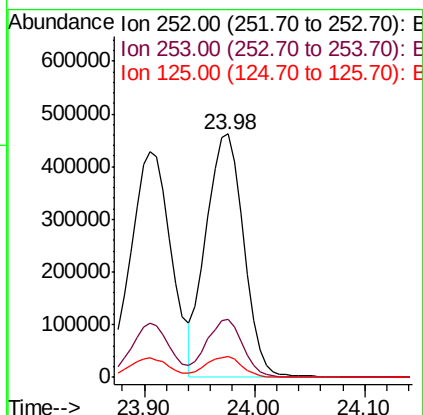
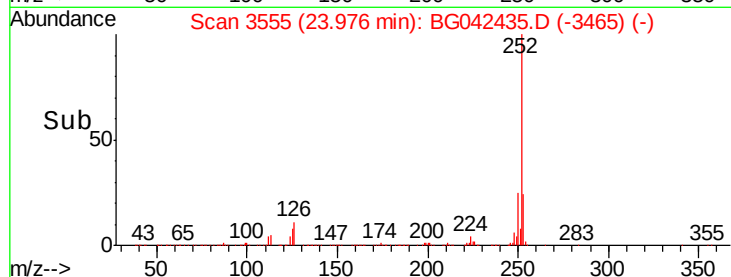
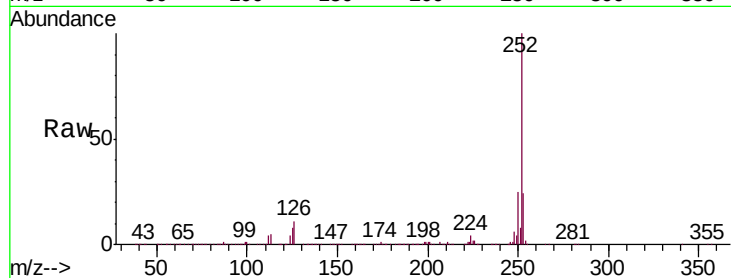
Tot Ion:252 Resp: 1083681

Ion Ratio Lower Upper

252 100

253 23.6 18.6 27.8

125 8.4 5.8 8.6



#90

Benzo(a)pyrene

Concen: 41.636 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG042435.D

Acq: 23 Aug 2019 16:13

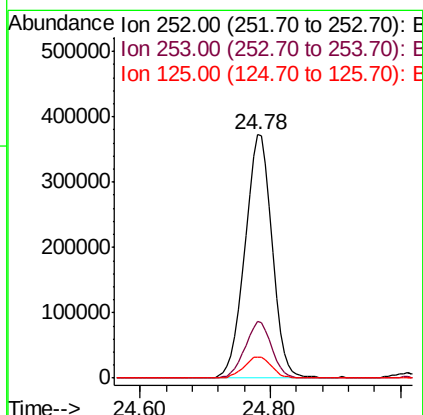
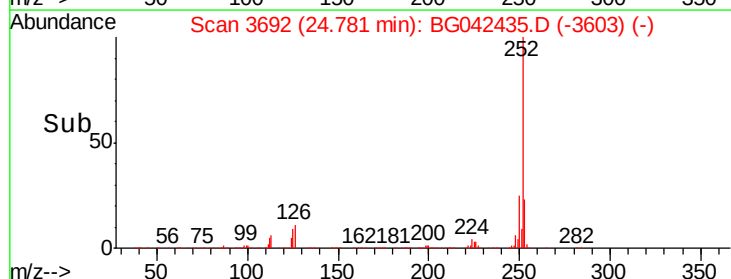
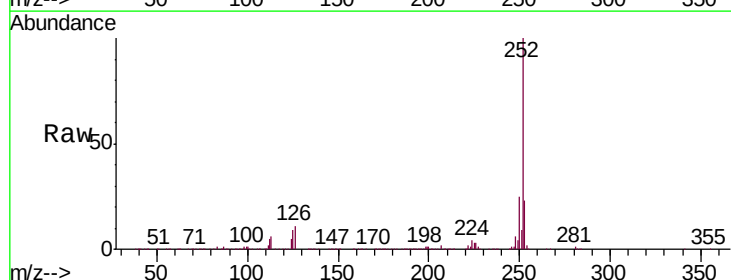
Tgt Ion:252 Resp: 1076312

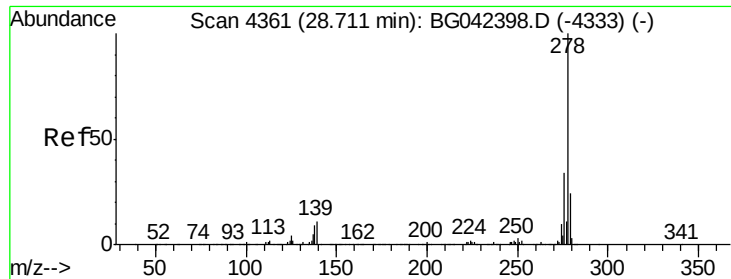
Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

125 8.9 6.0 9.0



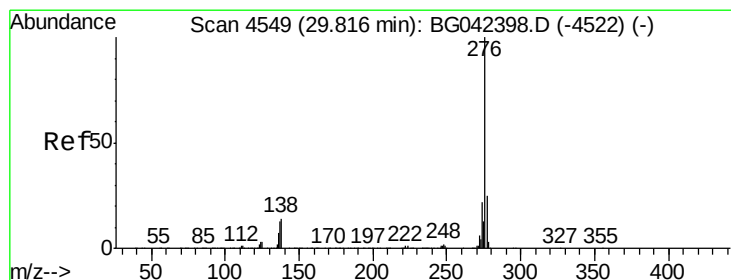
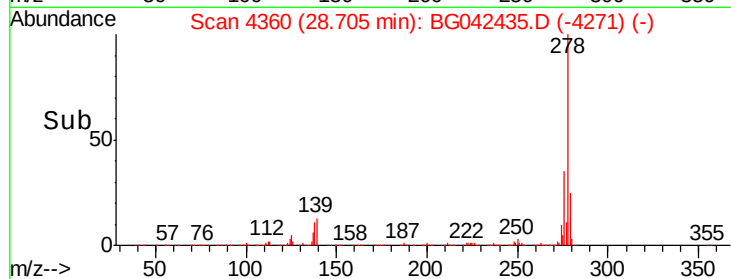
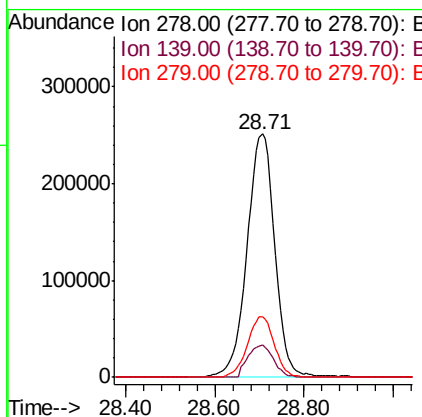
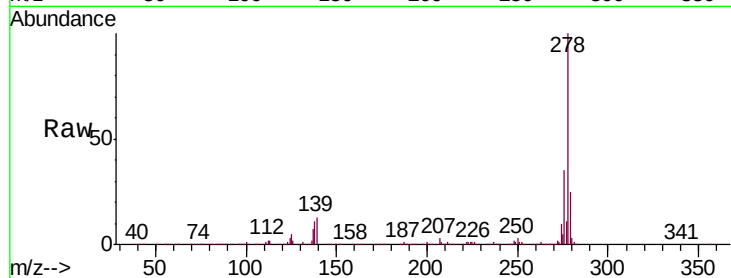


#91
Dibenzo(a,h)anthracene
Concen: 40.853 ng
RT: 28.71 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1069281

Ion	Ratio	Lower	Upper
278	100		
139	13.5	8.8	13.2#
279	24.8	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 40.422 ng
RT: 29.80 min Scan# 4547
Delta R.T. -0.01 min
Lab File: BG042435.D
Acq: 23 Aug 2019 16:13

Tgt Ion:276 Resp: 1058162

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.8
138	16.9	11.4	17.0

