

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042432.D
 Acq On : 23 Aug 2019 13:38
 Operator : HP/JU
 Sample : PB122359BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 23 17:23:56 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	102023	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	430456	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	282664	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	586403	20.00	ng	0.00
76) Chrysene-d12	21.69	240	563861	20.00	ng	0.00
87) Perylene-d12	24.93	264	638681	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	658690	130.76	ng	0.00
7) Phenol-d6	7.17	99	814132	119.65	ng	0.00
23) Nitrobenzene-d5	9.17	82	409661	65.77	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	341179	84.92	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1091814	65.33	ng	0.00
79) Terphenyl-d14	20.03	244	1634570	62.67	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	86383	41.091	ng	99
3) Pyridine	3.82	79	205621	38.145	ng	95
4) n-Nitrosodimethylamine	3.73	42	80234	41.673	ng	# 75
6) Aniline	7.32	93	321393	35.413	ng	99
8) 2-Chlorophenol	7.57	128	283171	46.383	ng	97
9) Benzaldehyde	7.13	77	187289	54.978	ng	96
10) Phenol	7.19	94	332054	47.996	ng	95
11) bis(2-Chloroethyl)ether	7.42	93	252189	46.414	ng	98
12) 1,3-Dichlorobenzene	7.89	146	308239	39.689	ng	99
13) 1,4-Dichlorobenzene	8.04	146	314683	40.002	ng	97
14) 1,2-Dichlorobenzene	8.36	146	297819	39.532	ng	100
15) Benzyl Alcohol	8.25	79	201474	41.156	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	320000	43.452	ng	99
17) 2-Methylphenol	8.46	107	234681	46.054	ng	93
18) Hexachloroethane	9.09	117	106330	39.482	ng	92
19) n-Nitroso-di-n-propylamine	8.81	70	183371	41.597	ng	98
20) 3+4-Methylphenols	8.79	107	317988	45.097	ng	96
22) Acetophenone	8.83	105	382519	41.548	ng	99
24) Nitrobenzene	9.21	77	261472	41.452	ng	98
25) Isophorone	9.74	82	499610	40.641	ng	97
26) 2-Nitrophenol	9.93	139	166587	42.143	ng	95
27) 2,4-Dimethylphenol	10.00	122	260831	47.901	ng	95
28) bis(2-Chloroethoxy)methane	10.22	93	330933	42.711	ng	99
29) 2,4-Dichlorophenol	10.48	162	289390	40.621	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	311567	35.630	ng	98
31) Naphthalene	10.87	128	810514	40.556	ng	98
32) Benzoic acid	10.14	122	132698	36.033	ng	98
33) 4-Chloroaniline	10.98	127	209849	22.746	ng	99
34) Hexachlorobutadiene	11.17	225	185025	31.484	ng	99
35) Caprolactam	11.75	113	52621	22.136	ng	98
36) 4-Chloro-3-methylphenol	12.12	107	268384	39.685	ng	97
37) 2-Methylnaphthalene	12.49	142	627899	39.129	ng	99
38) 1-Methylnaphthalene	12.71	142	583520	38.282	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	339750	37.428	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	385208	80.786	ng	100
43) 2,4,6-Trichlorophenol	13.10	196	238104	38.806	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	252870	39.770	ng	96
46) 1,1'-Biphenyl	13.49	154	787436	43.096	ng	97
47) 2-Chloronaphthalene	13.54	162	628195	39.873	ng	96
48) 2-Nitroaniline	13.74	65	156635	41.228	ng	98
49) Acenaphthylene	14.39	152	992750	41.883	ng	97
50) Dimethylphthalate	14.12	163	766155	37.565	ng	99
51) 2,6-Dinitrotoluene	14.23	165	190327	40.260	ng	97
52) Acenaphthene	14.73	154	582425	40.467	ng	99
53) 3-Nitroaniline	14.56	138	134303	28.406	ng	97
54) 2,4-Dinitrophenol	14.78	184	192285	61.878	ng	95
55) Dibenzofuran	15.06	168	942792	39.573	ng	98
56) 4-Nitrophenol	14.88	139	304882	90.751	ng	92
57) 2,4-Dinitrotoluene	15.03	165	261757	38.666	ng	98
58) Fluorene	15.71	166	753200	38.675	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	220748	35.107	ng	95
60) Diethylphthalate	15.48	149	741738	37.203	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	409228	34.858	ng	98
62) 4-Nitroaniline	15.73	138	201375	39.797	ng	91
63) Azobenzene	16.00	77	585956	42.891	ng	95
65) 4,6-Dinitro-2-methylphenol	15.80	198	155595	42.322	ng	94
66) n-Nitrosodiphenylamine	15.92	169	705031	43.719	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	272641	36.654	ng	98
68) Hexachlorobenzene	16.72	284	279287	34.540	ng	# 93
69) Atrazine	16.86	200	243530	42.703	ng	98
70) Pentachlorophenol	17.07	266	333090	79.283	ng	98
71) Phenanthrene	17.46	178	1185795	40.710	ng	96
72) Anthracene	17.55	178	1218836	41.916	ng	97
73) Carbazole	17.82	167	1142180	44.073	ng	98
74) Di-n-butylphthalate	18.37	149	1294273	42.249	ng	98
75) Fluoranthene	19.47	202	1432602	40.300	ng	95
77) Benzidine	19.64	184	904067	55.924	ng	98
78) Pyrene	19.83	202	1430647	41.384	ng	95
80) Butylbenzylphthalate	20.71	149	615968	45.301	ng	97
81) Benzo(a)anthracene	21.67	228	1369867	39.937	ng	97
82) 3,3'-Dichlorobenzidine	21.58	252	397208	28.793	ng	# 98
83) Chrysene	21.74	228	1338383	40.459	ng	95
84) Bis(2-ethylhexyl)phthalate	21.58	149	864625	45.799	ng	98
85) Di-n-octyl phthalate	22.79	149	1485898	45.762	ng	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1444699	32.137	ng	# 92
88) Benzo(b)fluoranthene	23.91	252	1450392	41.307	ng	# 96
89) Benzo(k)fluoranthene	23.97	252	1438524	42.622	ng	# 96
90) Benzo(a)pyrene	24.78	252	1442105	43.282	ng	# 95
91) Dibenzo(a,h)anthracene	28.70	278	1193905	35.390	ng	97
92) Benzo(g,h,i)perylene	29.81	276	1191118	35.302	ng	# 96

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

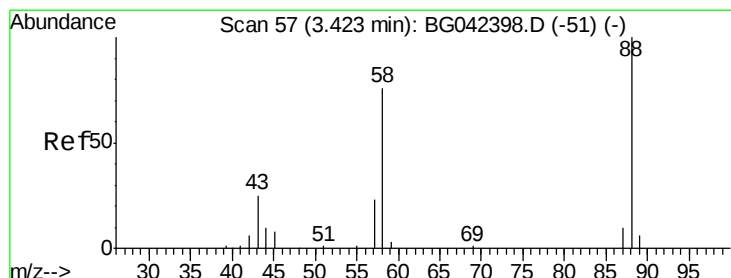
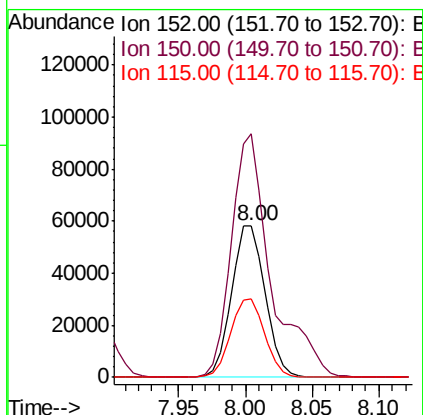
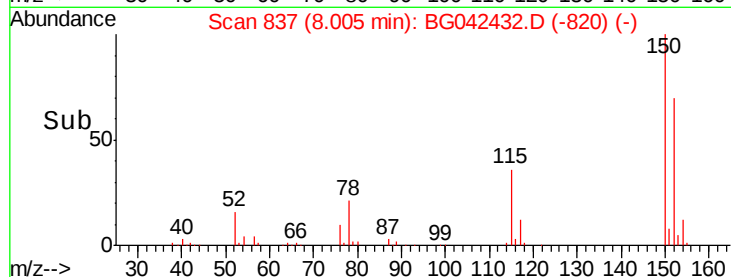
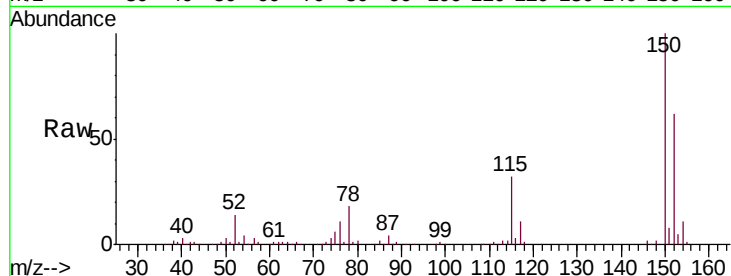


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Instrument :
BNA_G
ClientSampleId :

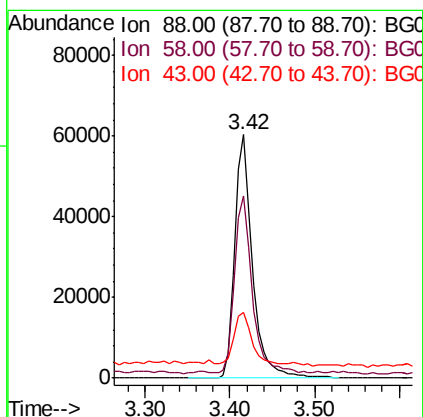
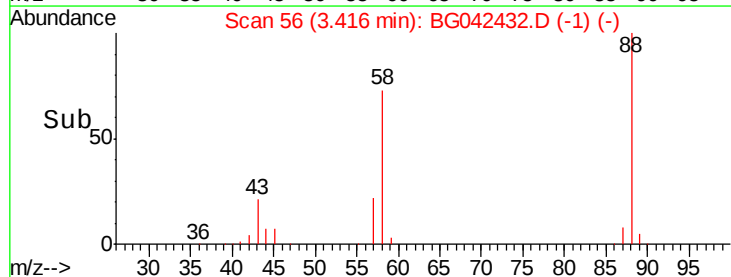
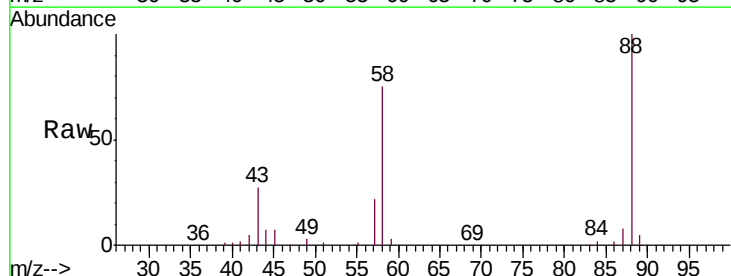
Tot Ion:152 Resp: 102023
Ion Ratio Lower Upper
152 100
150 160.4 125.4 188.0
115 51.8 38.5 57.7



#2

1,4-Dioxane
Concen: 41.091 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Tgt Ion: 88 Resp: 86383
Ion Ratio Lower Upper
88 100
58 72.2 58.3 87.5
43 24.2 20.2 30.2





#3

Pvridine

Concen: 38.145 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Instrument :

BNA_G

ClientSampled :

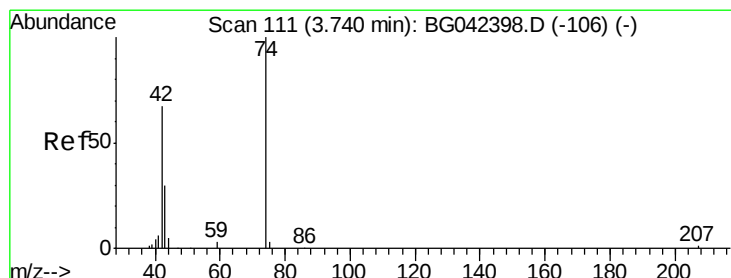
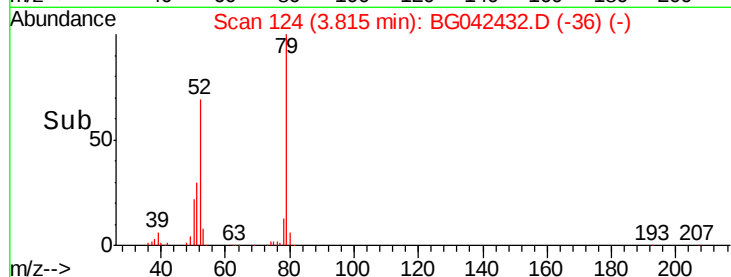
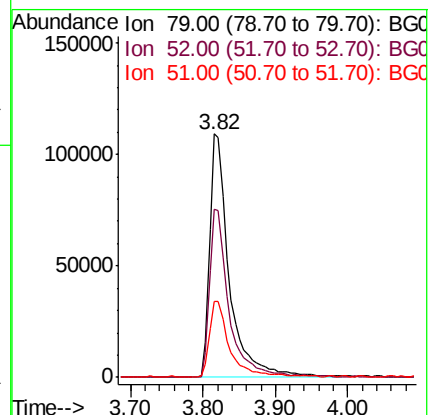
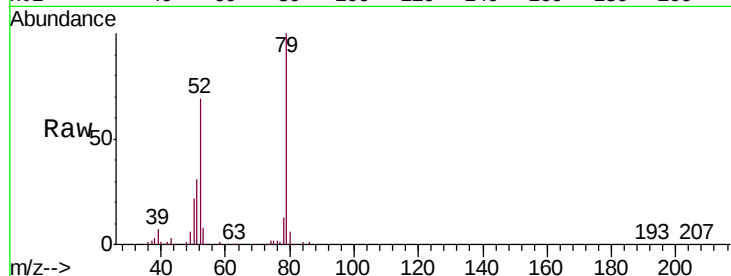
Tot Ion: 79 Resp: 205621

Ion Ratio Lower Upper

79 100

52 69.2 57.7 86.5

51 31.0 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 41.673 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

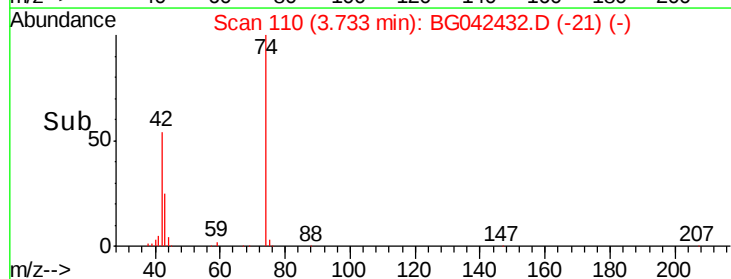
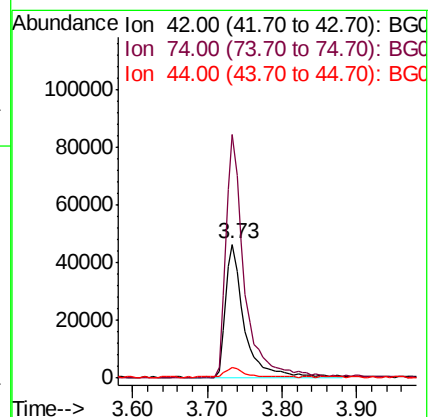
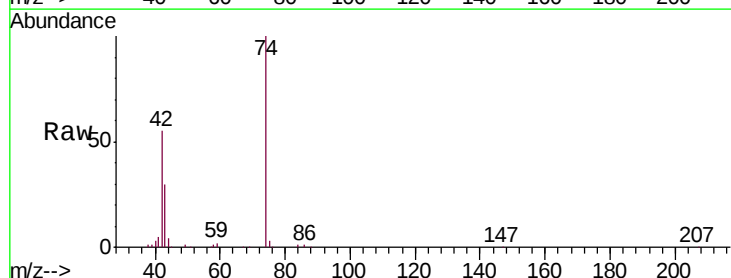
Tgt Ion: 42 Resp: 80234

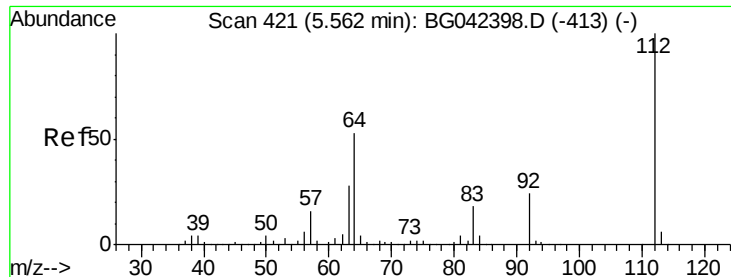
Ion Ratio Lower Upper

42 100

74 182.3 119.6 179.4#

44 7.9 6.5 9.7





#5

2-Fluorophenol

Concen: 130.759 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Instrument :

BNA_G

ClientSampled :

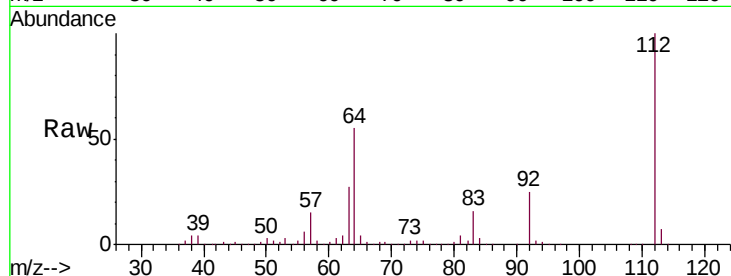
Tot Ion:112 Resp: 658690

Ion Ratio Lower Upper

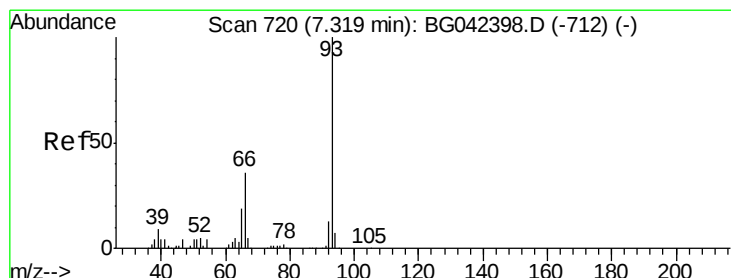
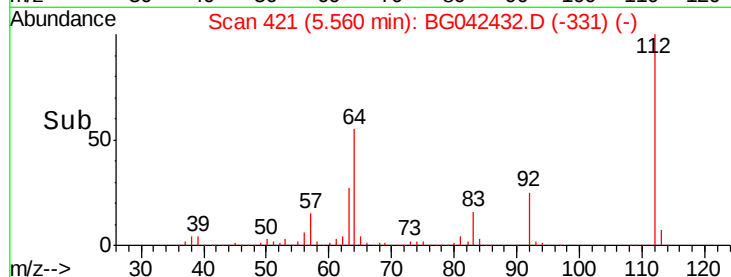
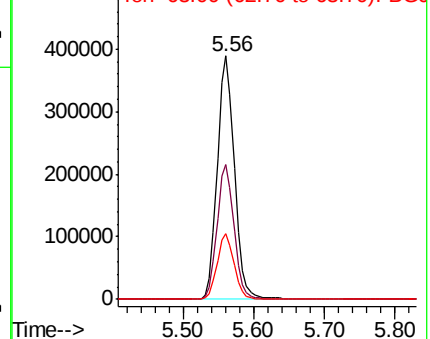
112 100

64 55.4 42.8 64.2

63 26.8 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.413 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

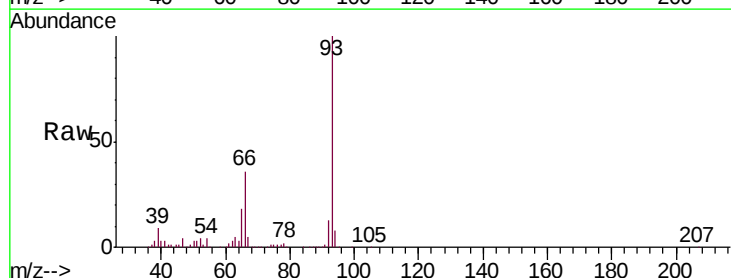
Tgt Ion: 93 Resp: 321393

Ion Ratio Lower Upper

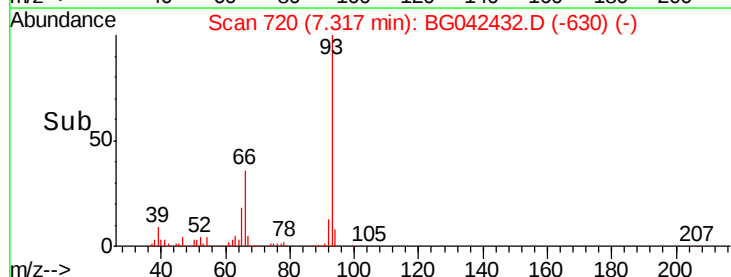
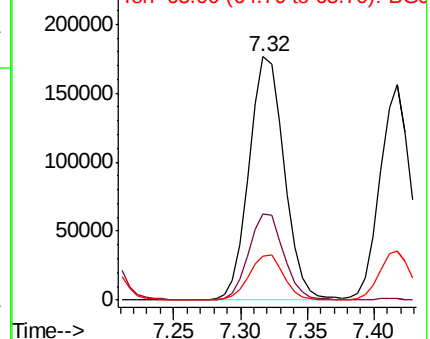
93 100

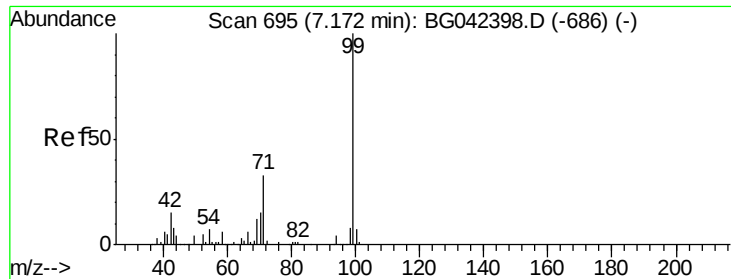
66 35.7 29.0 43.6

65 18.1 15.2 22.8



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





#7

Phenol-d6

Concen: 119.647 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Instrument :

BNA_G

ClientSampleId :

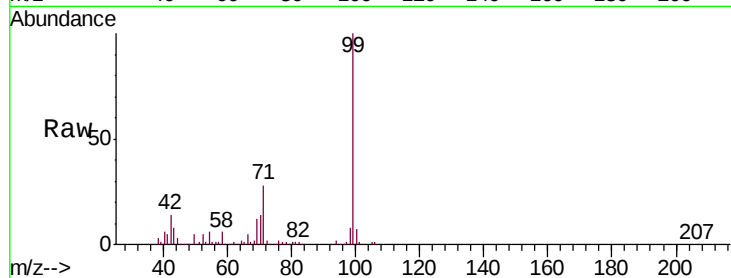
Tot Ion: 99 Resp: 814132

Ion Ratio Lower Upper

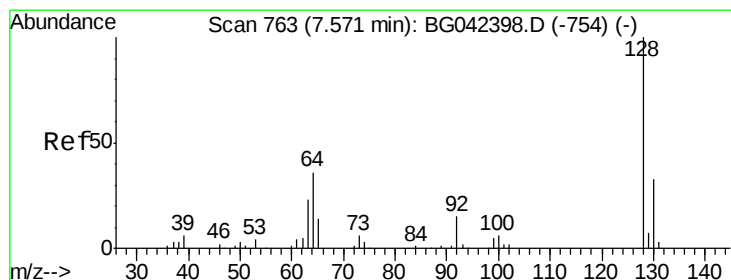
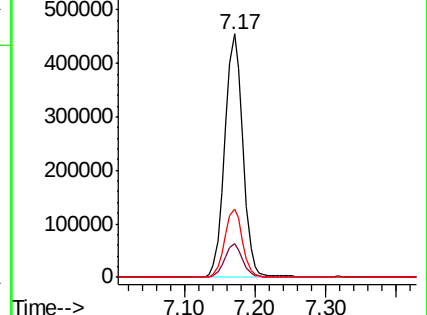
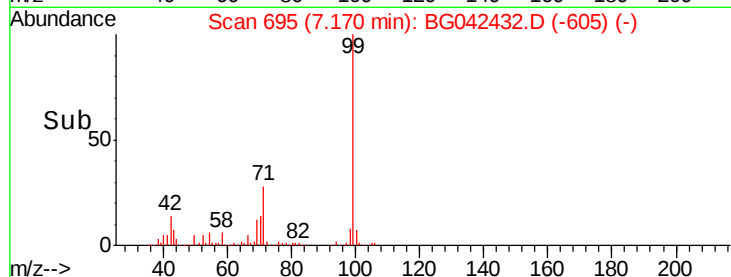
99 100

42 13.7 12.0 18.0

71 28.2 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: 46.383 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

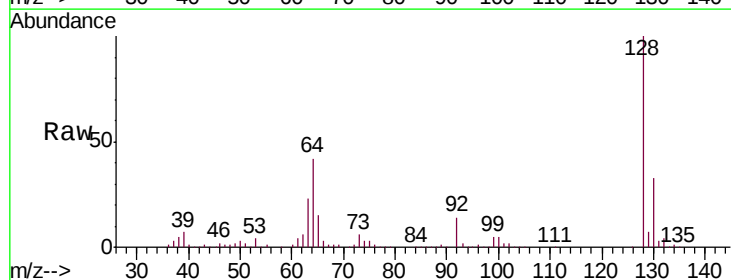
Tgt Ion: 128 Resp: 283171

Ion Ratio Lower Upper

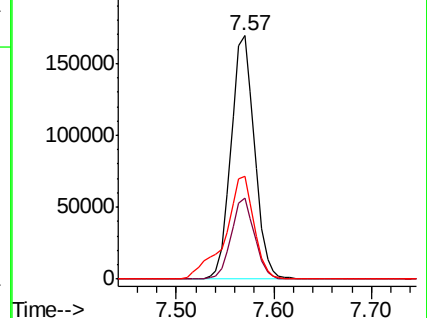
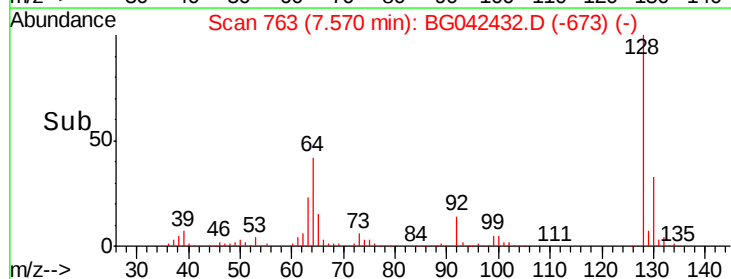
128 100

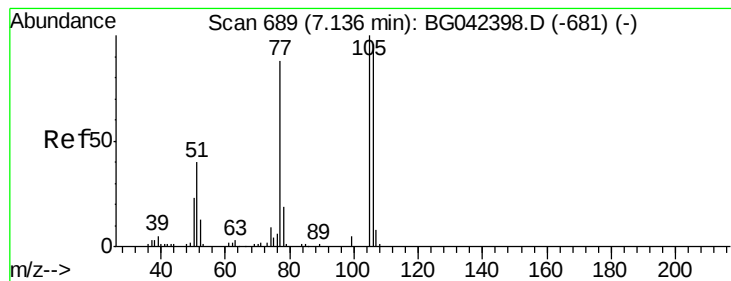
130 33.1 12.8 52.8

64 42.3 19.2 59.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 54.978 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Instrument :

BNA_G

ClientSampleId :

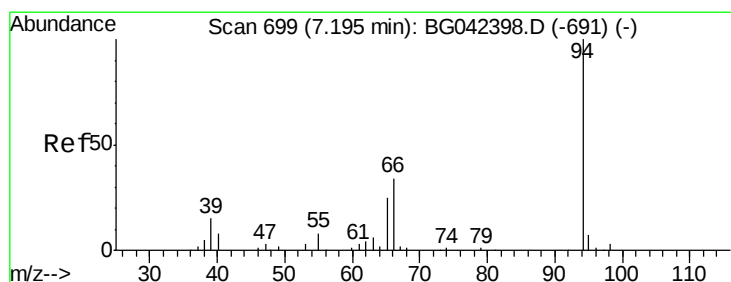
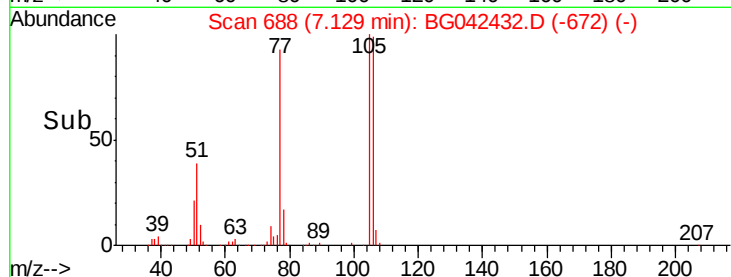
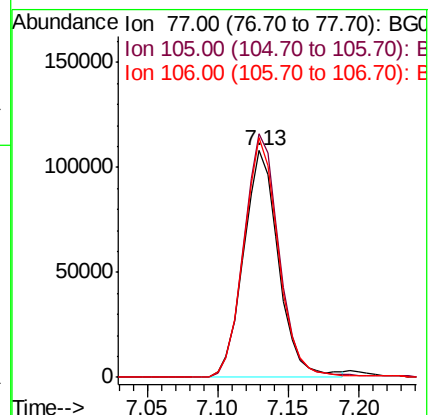
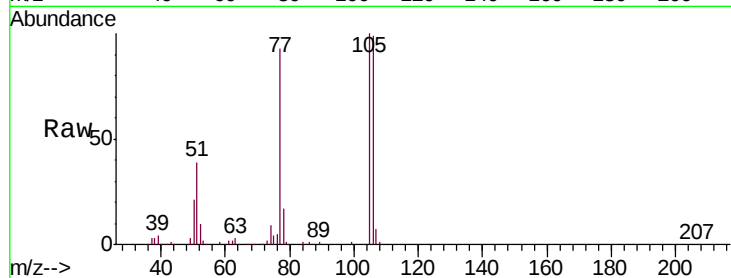
Tot Ion: 77 Resp: 187289

Ion Ratio Lower Upper

77 100

105 107.4 93.4 133.4

106 105.8 88.4 128.4



#10

Phenol

Concen: 47.996 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

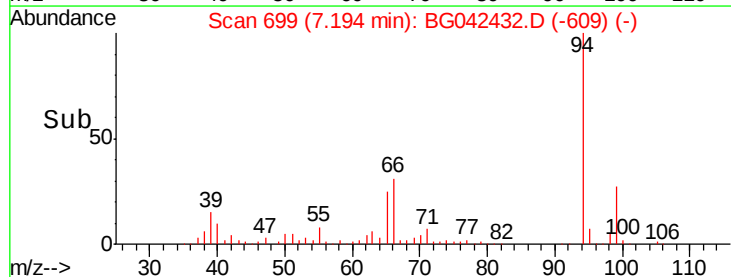
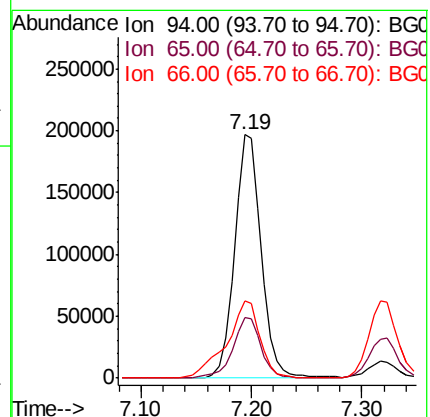
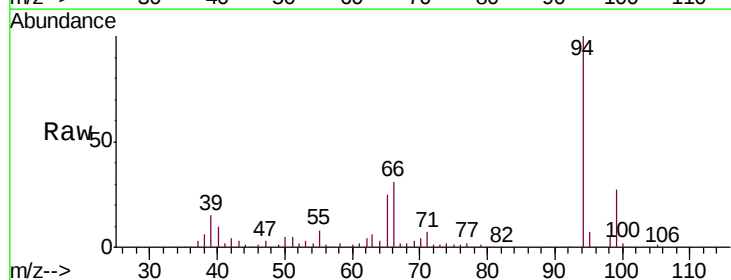
Tgt Ion: 94 Resp: 332054

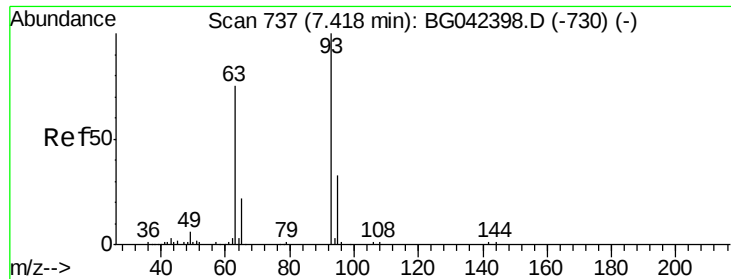
Ion Ratio Lower Upper

94 100

65 25.1 5.6 45.6

66 31.5 16.0 56.0

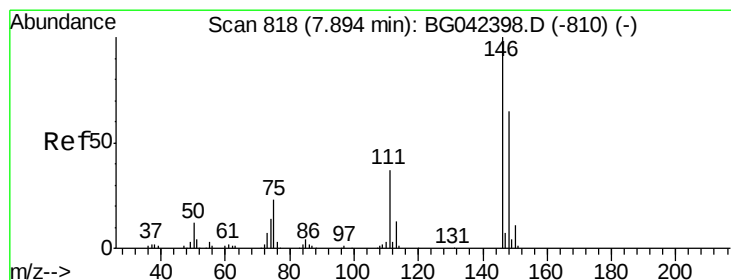
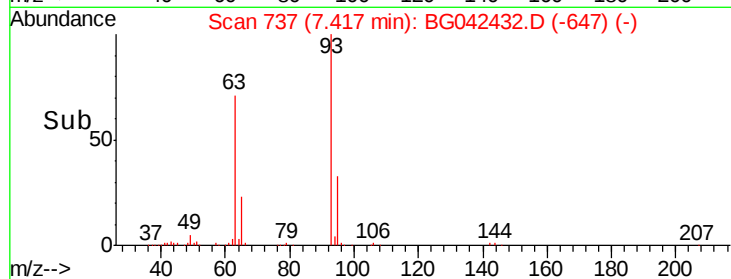
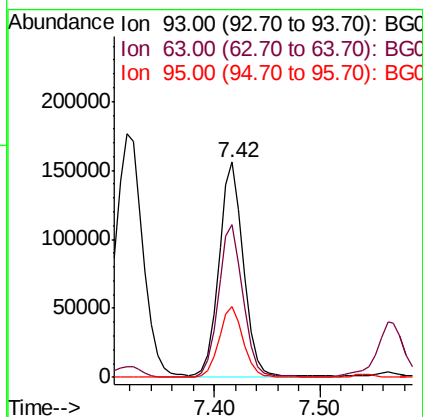
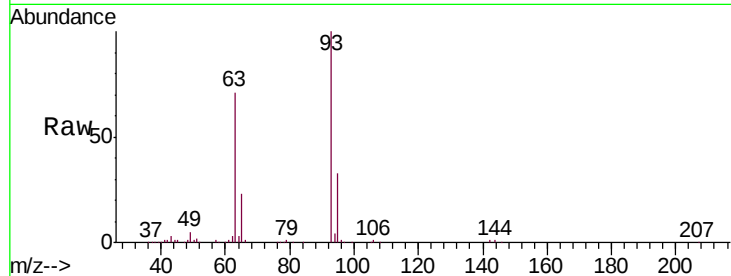




#11
 bis(2-Chloroethyl)ether
 Concen: 46.414 ng
 RT: 7.42 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

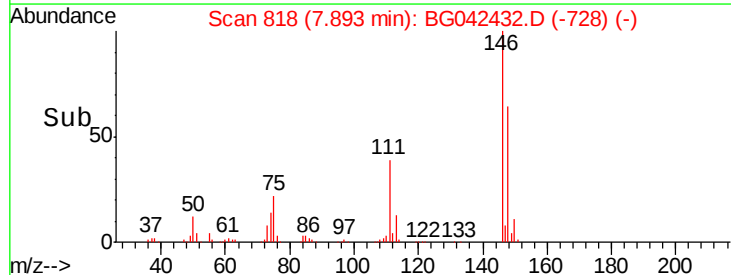
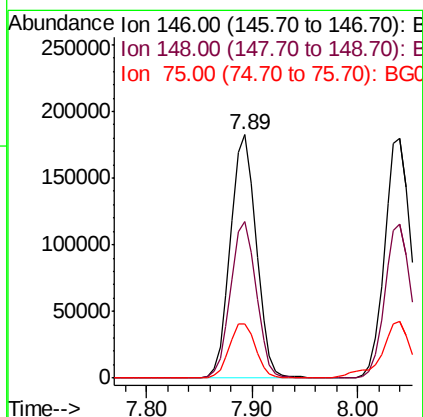
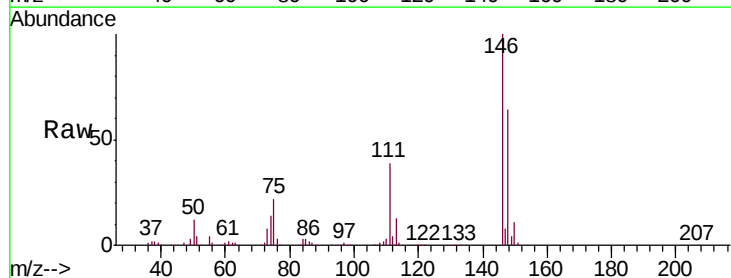
Instrument :
 BNA_G
 ClientSampleId :

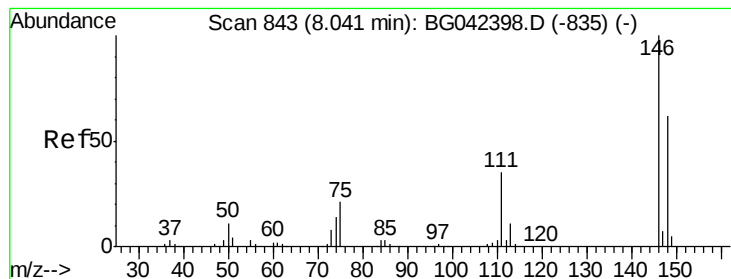
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.3	53.8	93.8
95	32.6	13.1	53.1



#12
 1,3-Dichlorobenzene
 Concen: 39.689 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.2
75	22.5	18.0	27.0





#13

1,4-Dichlorobenzene

Concen: 40.002 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Instrument :

BNA_G

ClientSampled :

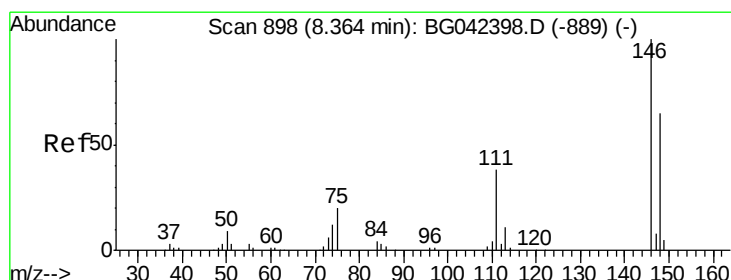
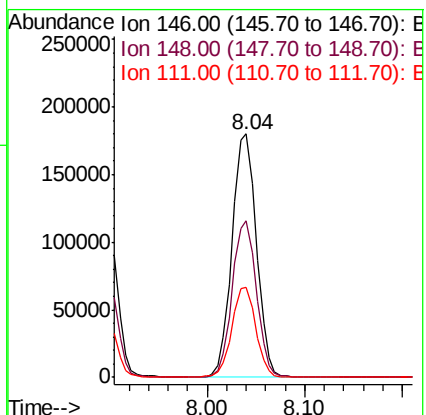
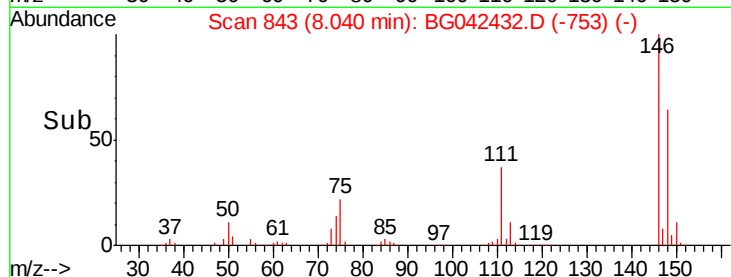
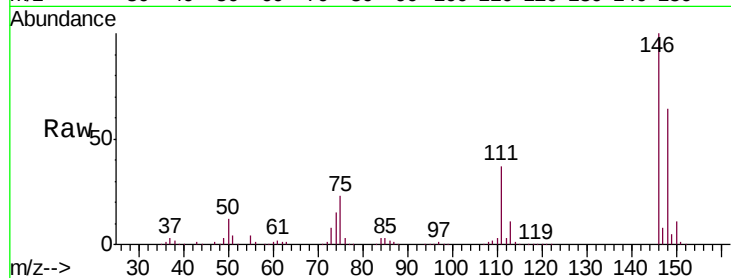
Tot Ion:146 Resp: 314683

Ion Ratio Lower Upper

146 100

148 64.3 49.5 74.3

111 37.0 28.1 42.1



#14

1,2-Dichlorobenzene

Concen: 39.532 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

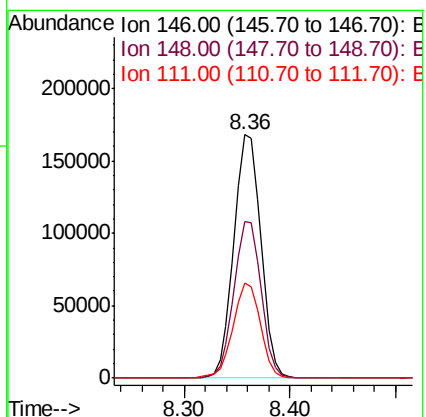
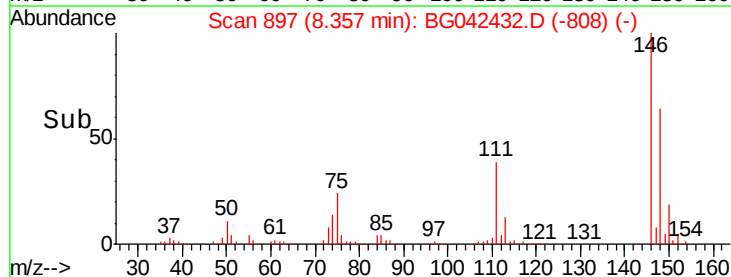
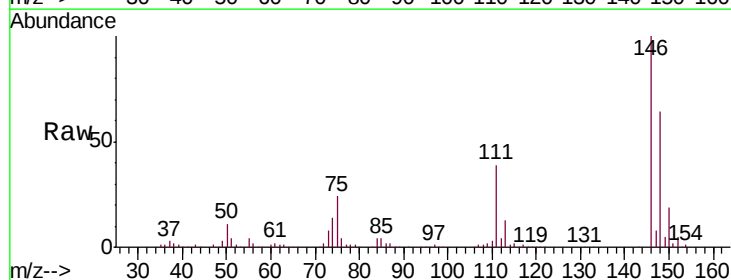
Tgt Ion:146 Resp: 297819

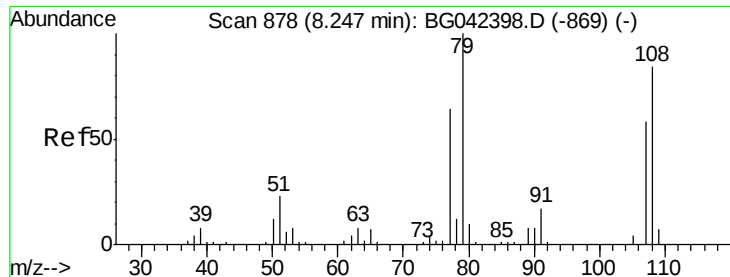
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

111 38.8 30.9 46.3





#15

Benzyl Alcohol

Concen: 41.156 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Instrument :

BNA_G

ClientSampled :

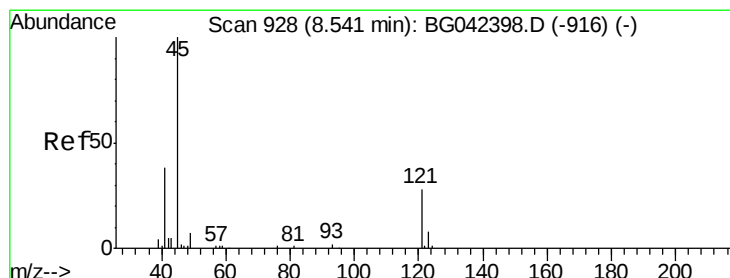
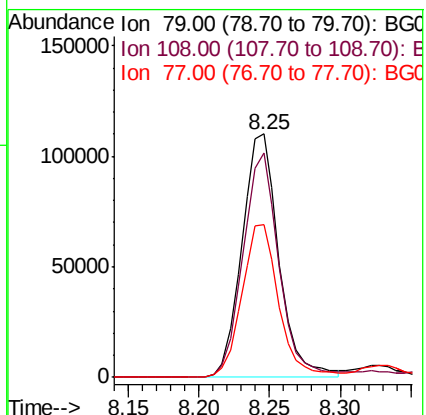
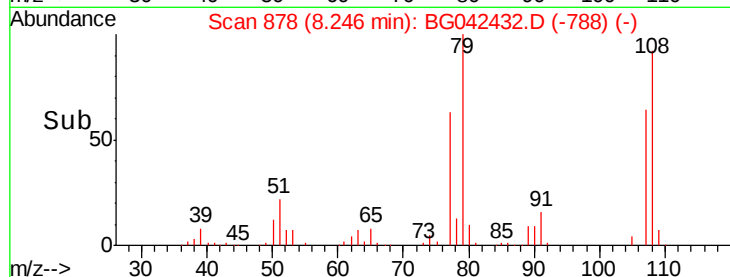
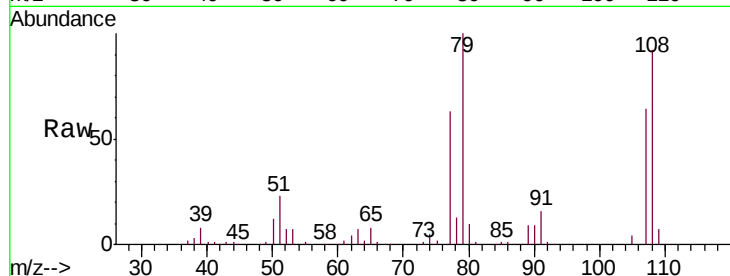
Tot Ion: 79 Resp: 201474

Ion Ratio Lower Upper

79 100

108 92.0 67.4 101.2

77 63.0 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.452 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

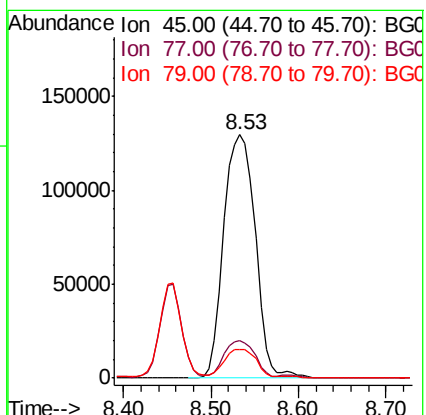
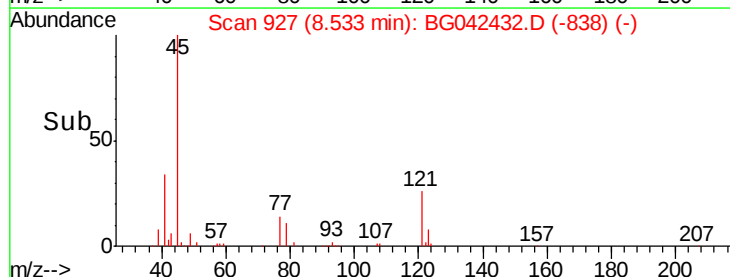
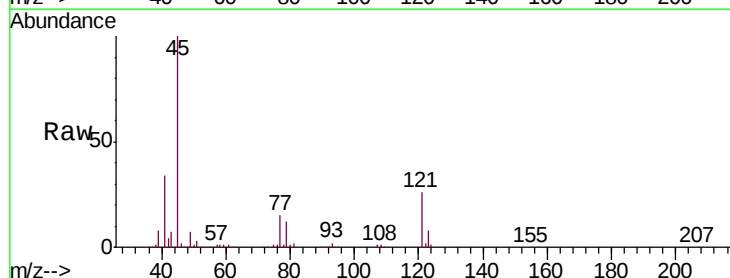
Tgt Ion: 45 Resp: 320000

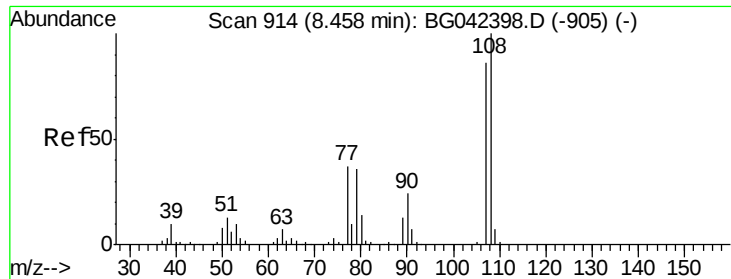
Ion Ratio Lower Upper

45 100

77 15.2 0.0 35.6

79 11.9 0.0 31.6

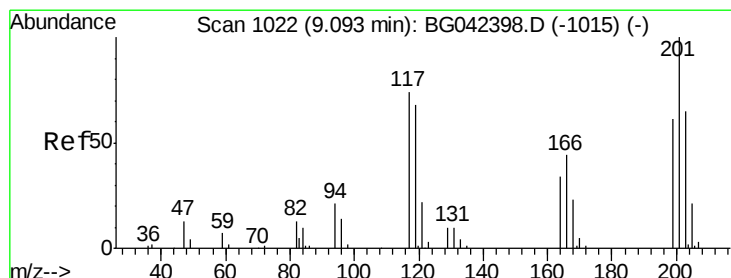
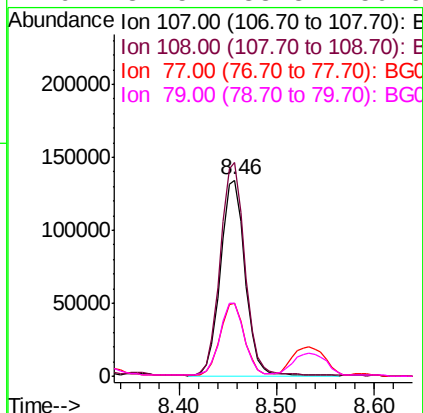
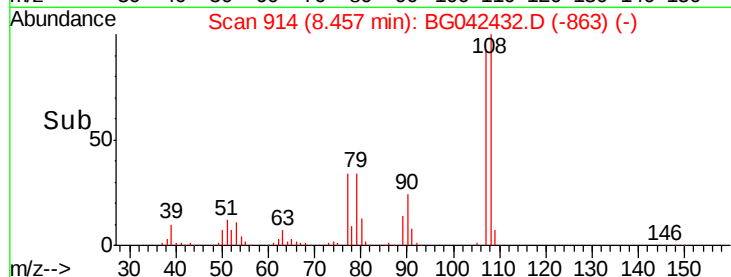
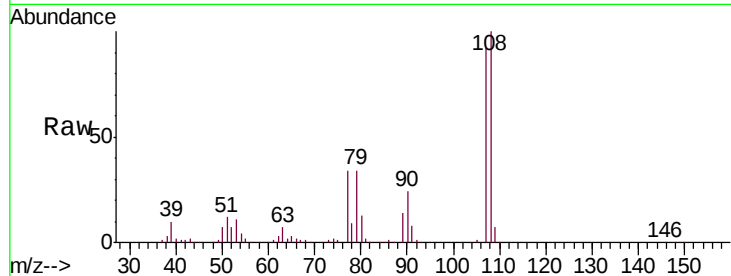




#17
2-Methylphenol
Concen: 46.054 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

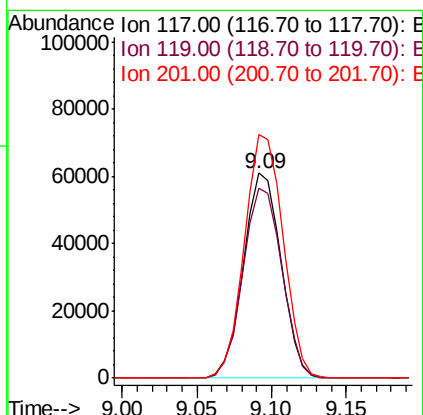
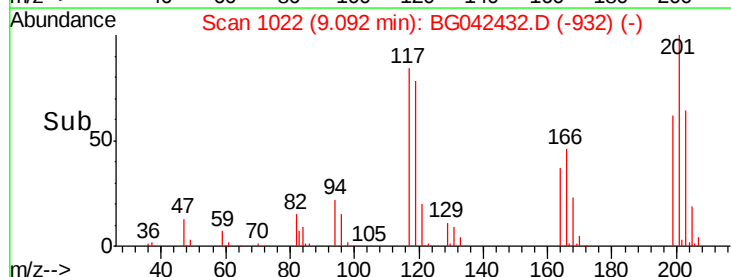
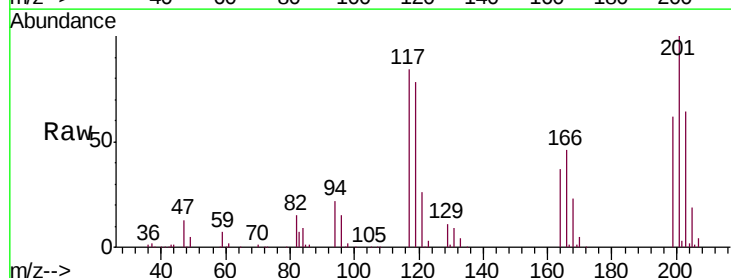
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	234681
Ion	Ratio	Lower	Upper
107	100		
108	108.9	92.9	139.3
77	37.4	34.4	51.6
79	37.5	33.8	50.6



#18
Hexachloroethane
Concen: 39.482 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Tgt Ion:	117	Resp:	106330
Ion	Ratio	Lower	Upper
117	100		
119	92.6	73.8	110.8
201	118.9	108.3	162.5

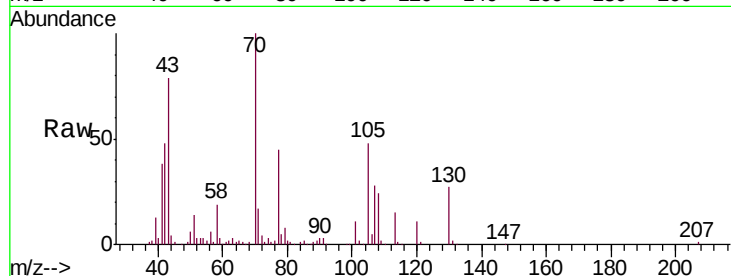




#19
n-Nitroso-di-n-propylamine
Concen: 41.597 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	183371
Ion	Ratio	Lower	Upper
70	100		
42	47.6	38.8	58.2
101	11.4	9.0	13.6
130	26.5	20.0	30.0



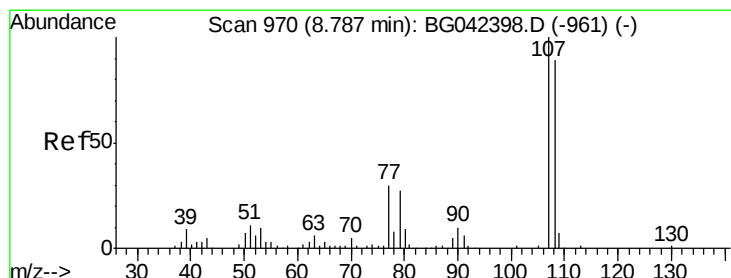
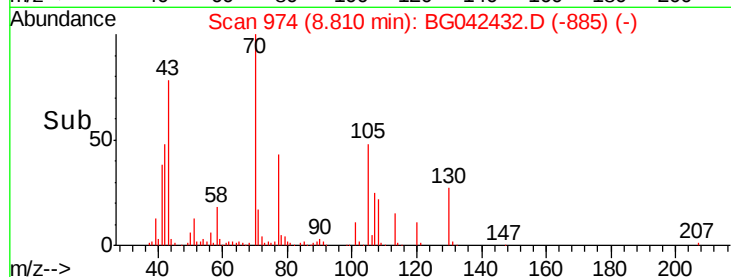
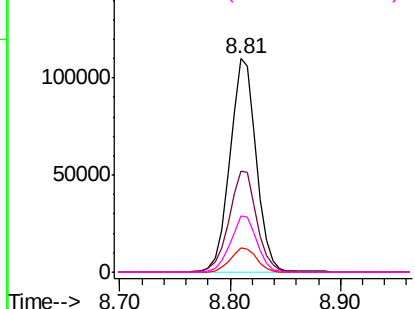
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

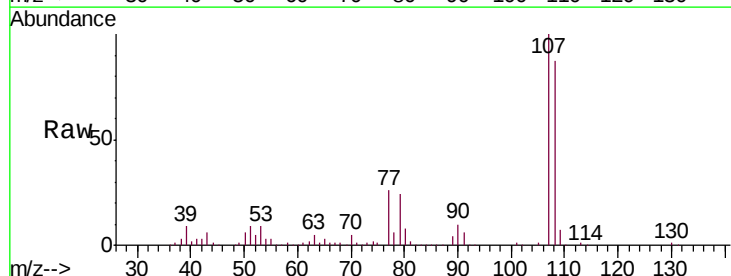
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 45.097 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Tgt Ion:	107	Resp:	317988
Ion	Ratio	Lower	Upper
107	100		
108	87.1	68.7	108.7
77	26.4	10.2	50.2
79	24.0	6.9	46.9



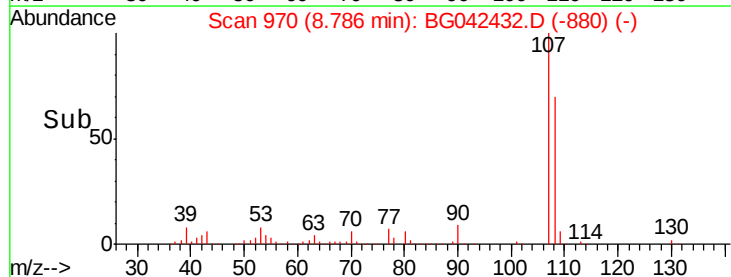
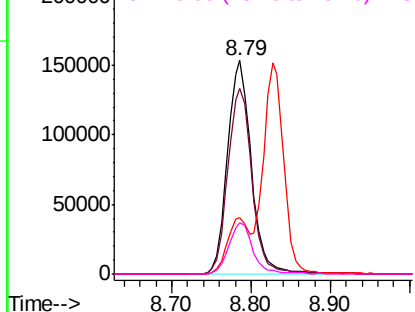
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 430456

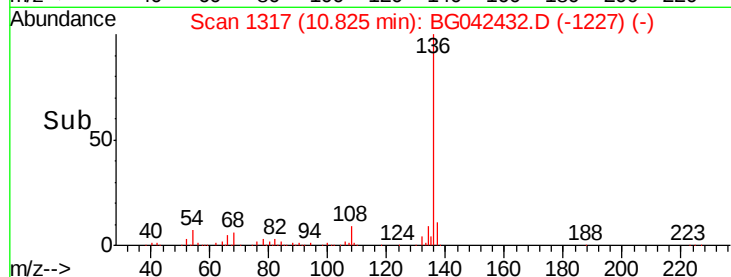
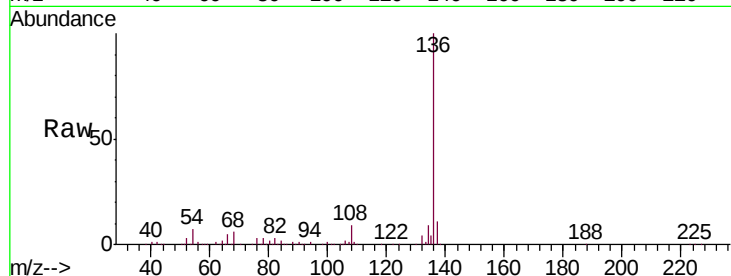
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.4 4.9 7.3#

68 5.8 3.6 5.4#

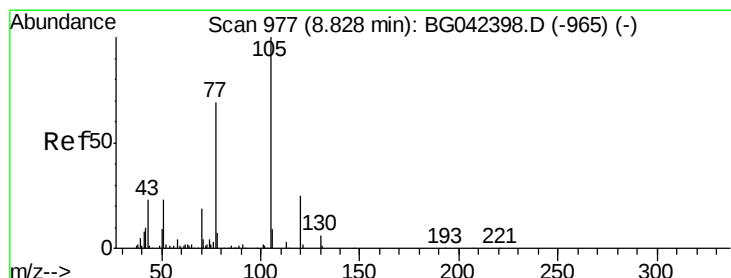
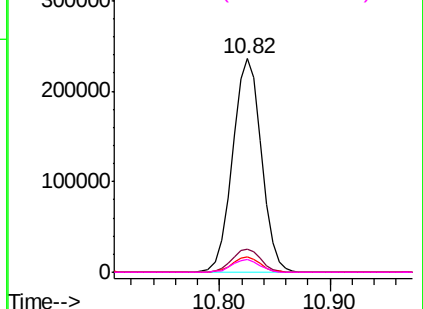


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 41.548 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Tgt Ion:105 Resp: 382519

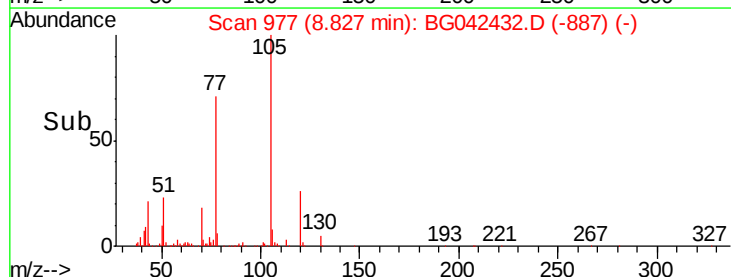
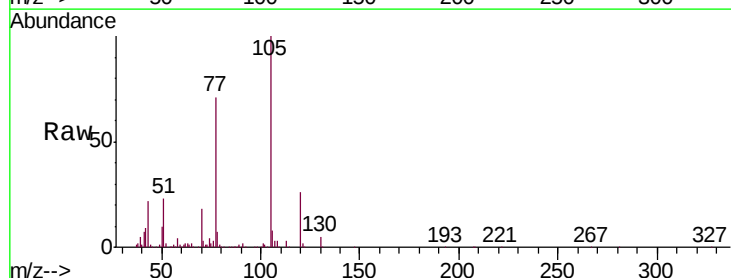
Ion Ratio Lower Upper

105 100

71 3.0 2.8 4.2

51 22.9 18.7 28.1

120 25.9 20.1 30.1

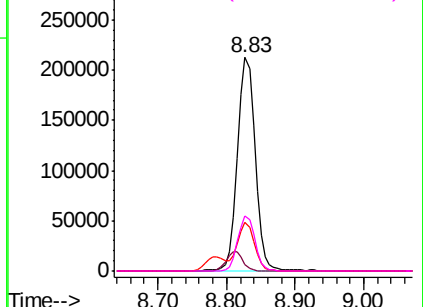


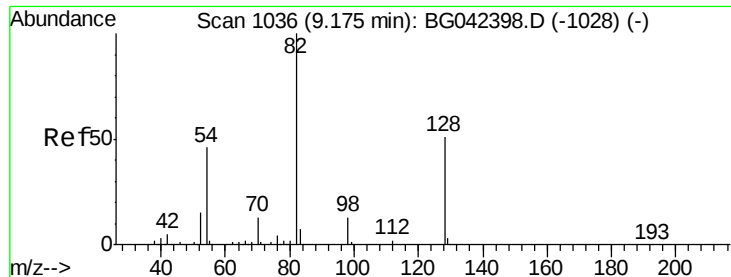
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

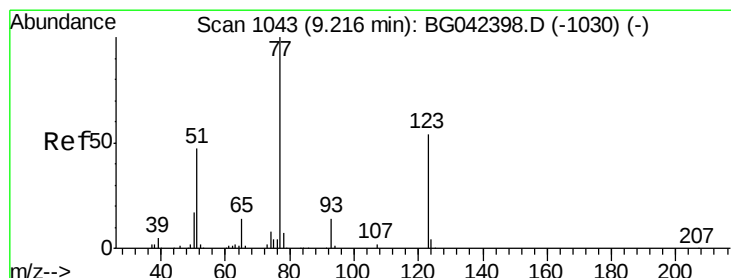
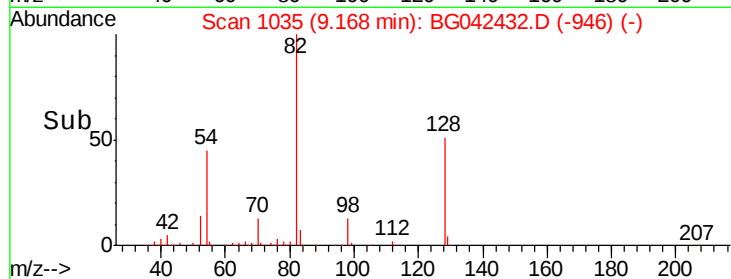
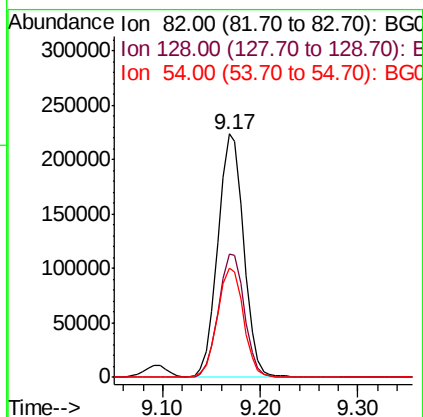
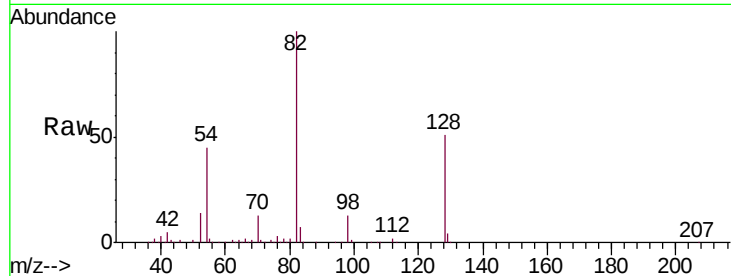




#23
 Nitrobenzene-d5
 Concen: 65.766 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

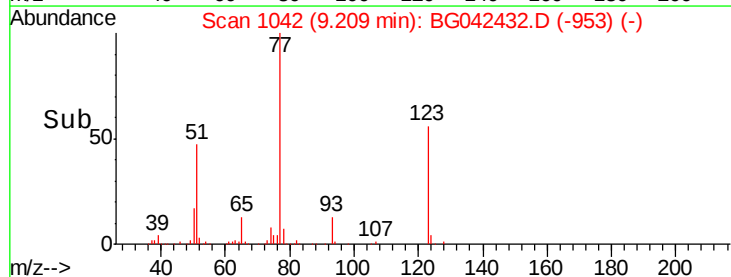
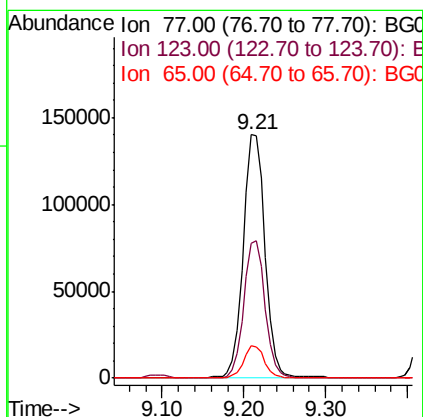
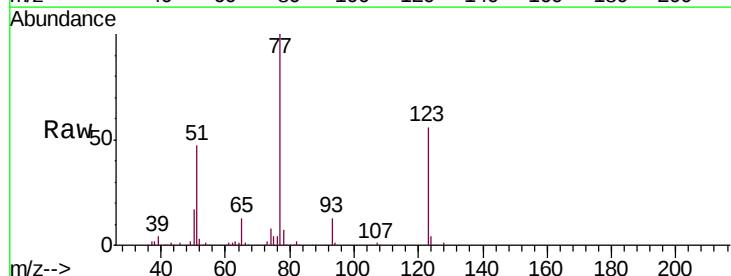
Instrument :
 BNA_G
 ClientSampled :

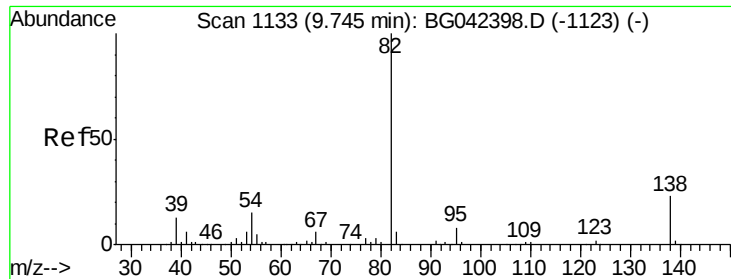
Tot Ion	82	Resp	409661
Ion Ratio	Lower	Upper	
82	100		
128	50.5	40.7	61.1
54	44.9	36.3	54.5



#24
 Nitrobenzene
 Concen: 41.452 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

Tgt Ion	77	Resp	261472
Ion Ratio	Lower	Upper	
77	100		
123	55.6	43.4	65.0
65	13.1	11.0	16.6





#25

Isophorone

Concen: 40.641 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Instrument :

BNA_G

ClientSampleId :

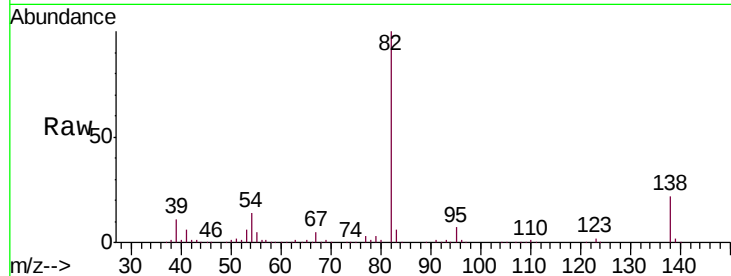
Tot Ion: 82 Resp: 499610

Ion Ratio Lower Upper

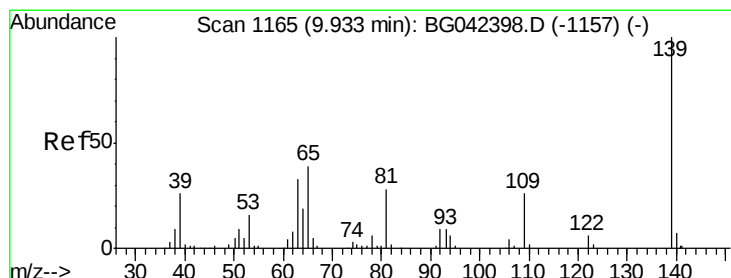
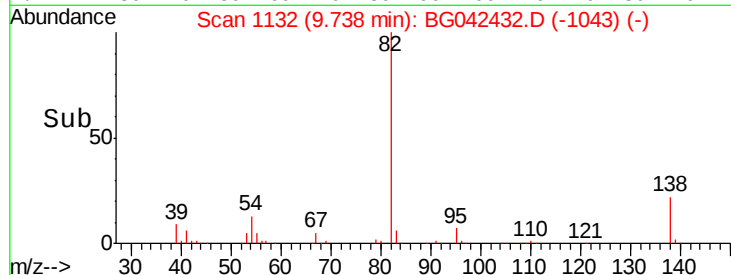
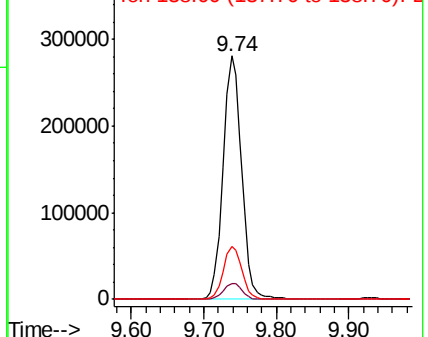
82 100

95 6.6 6.6 9.8

138 22.0 18.6 27.8



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



#26

2-Nitrophenol

Concen: 42.143 ng

RT: 9.93 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

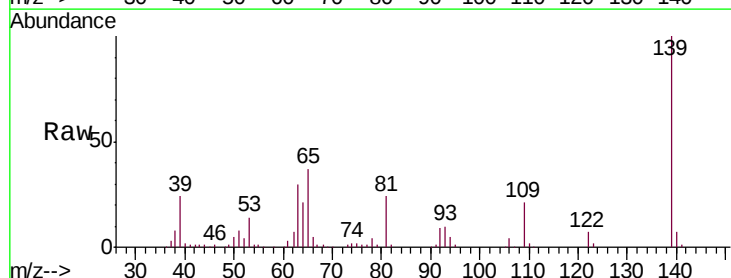
Tgt Ion: 139 Resp: 166587

Ion Ratio Lower Upper

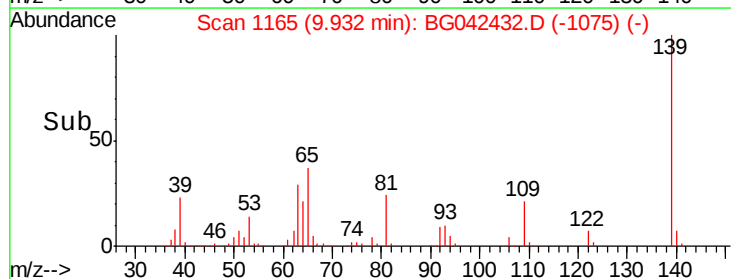
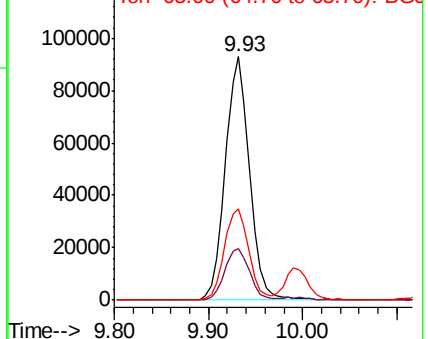
139 100

109 21.3 20.5 30.7

65 37.4 30.9 46.3



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

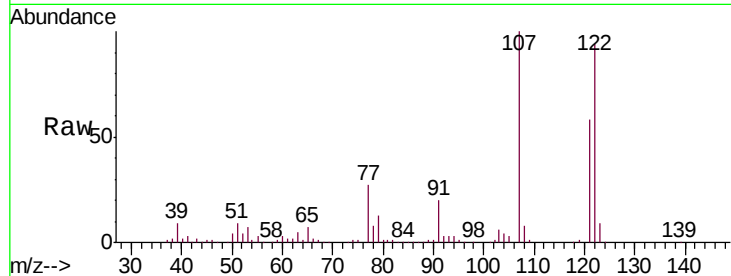




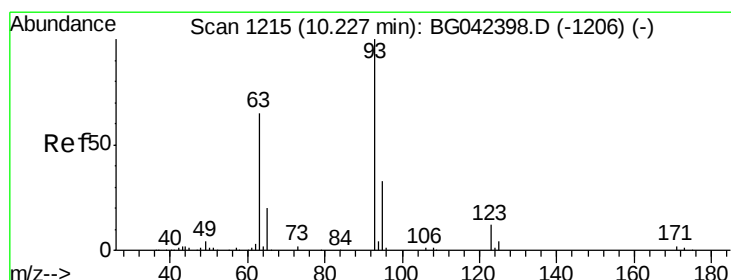
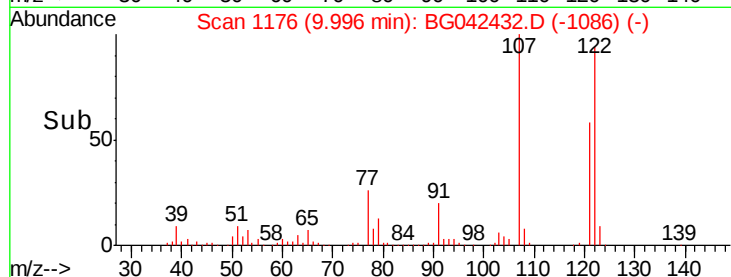
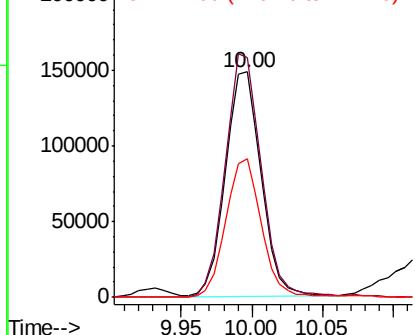
#27
 2,4-Dimethylphenol
 Concen: 47.901 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 260831
 Ion Ratio Lower Upper
 122 100
 107 106.4 90.8 136.2
 121 61.4 49.6 74.4

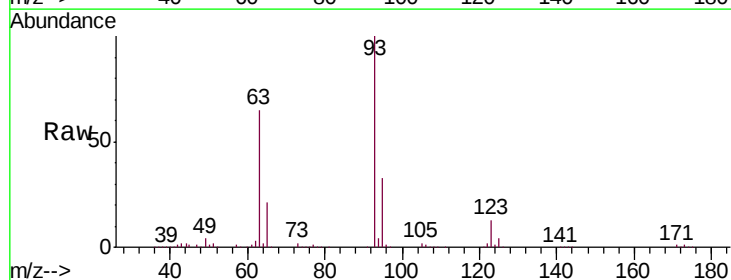


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

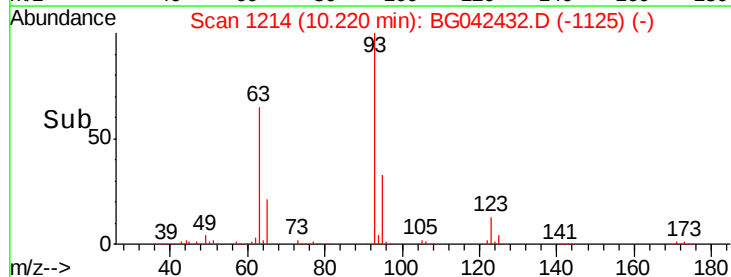
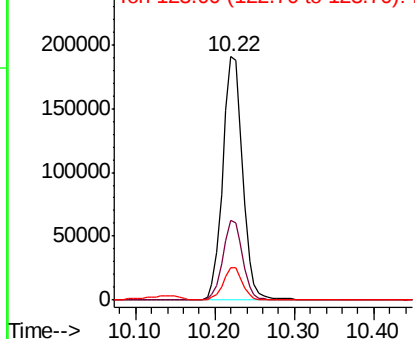


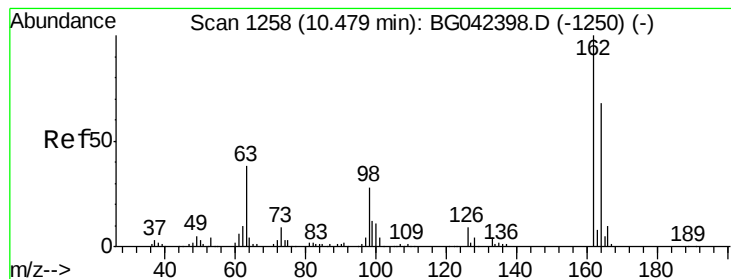
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.711 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

Tgt Ion: 93 Resp: 330933
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.6 40.0
 123 13.1 10.1 15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.621 ng

RT: 10.48 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Instrument :

BNA_G

ClientSampleId :

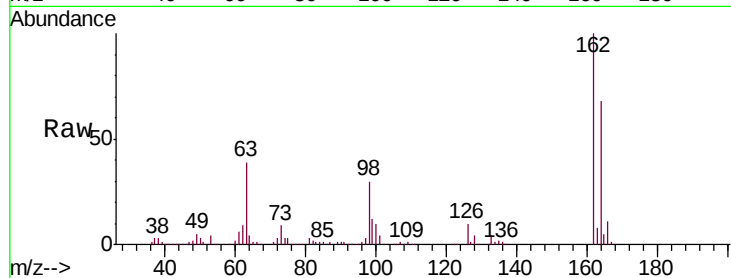
Tot Ion:162 Resp: 289390

Ion Ratio Lower Upper

162 100

164 67.6 48.1 88.1

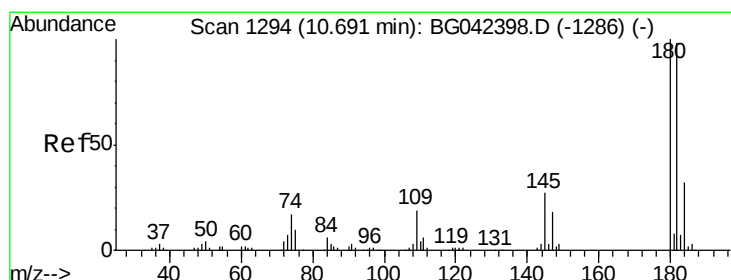
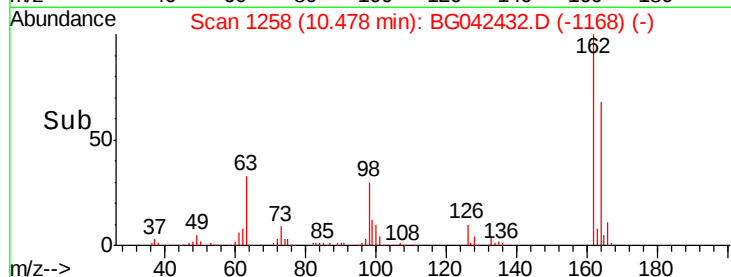
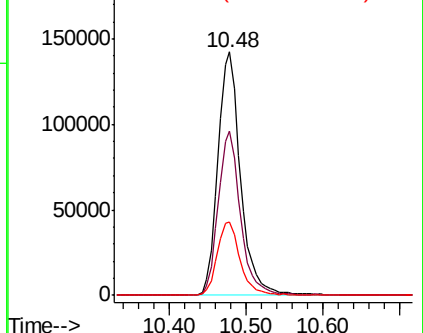
98 30.2 7.6 47.6



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): B



#30

1,2,4-Trichlorobenzene

Concen: 35.630 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

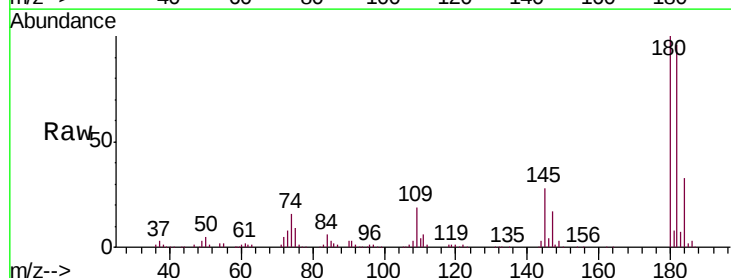
Tgt Ion:180 Resp: 311567

Ion Ratio Lower Upper

180 100

182 96.0 78.7 118.1

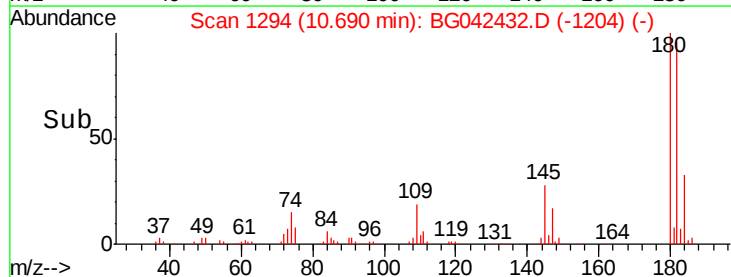
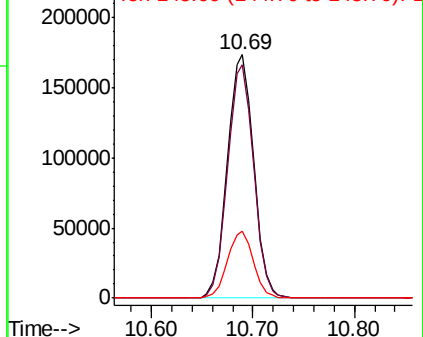
145 27.5 21.6 32.4

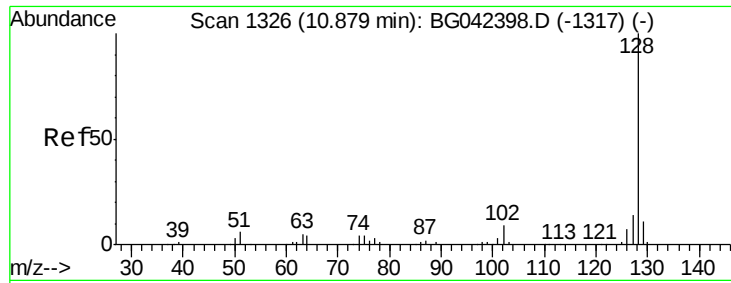


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

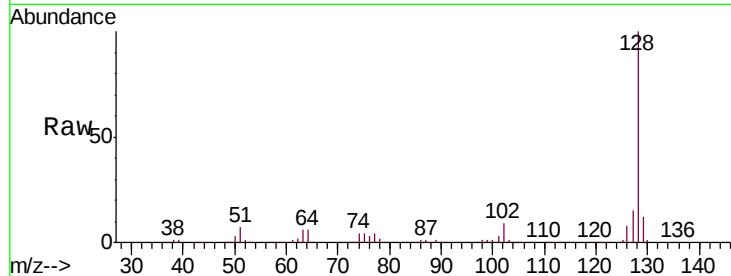




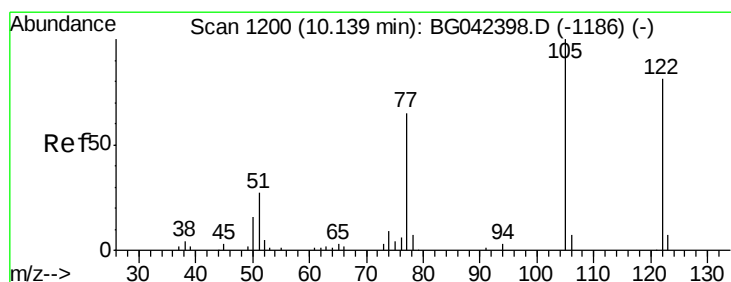
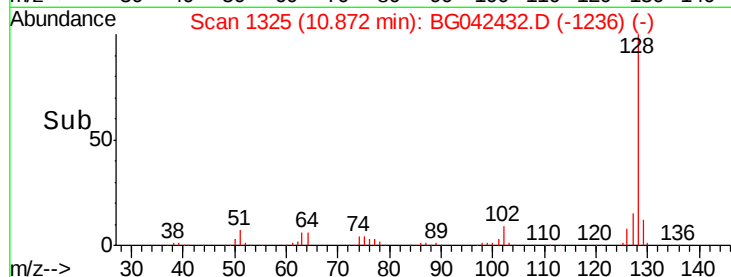
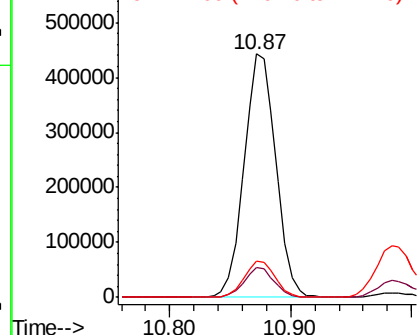
#31
Naphthalene
Concen: 40.556 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 810514
Ion Ratio Lower Upper
128 100
129 12.4 8.8 13.2
127 14.7 11.4 17.0

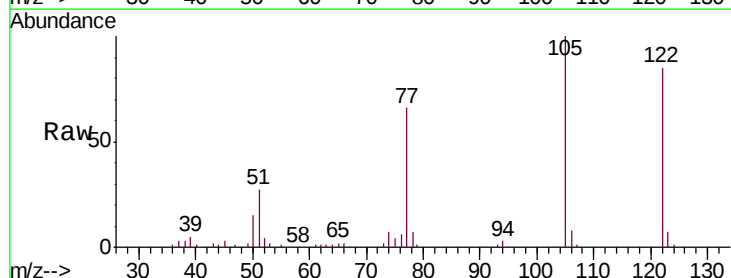


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

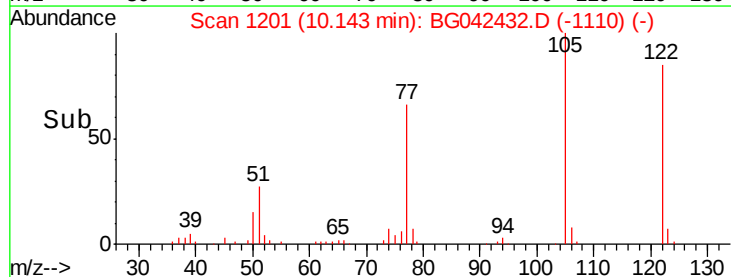
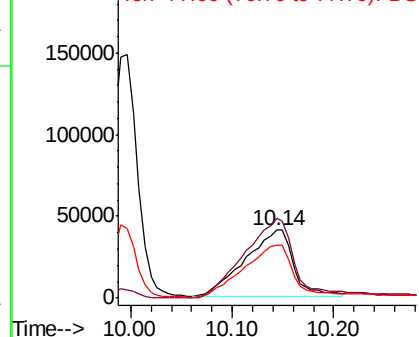


#32
Benzoic acid
Concen: 36.033 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Tgt Ion:122 Resp: 132698
Ion Ratio Lower Upper
122 100
105 117.3 99.6 139.6
77 76.9 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

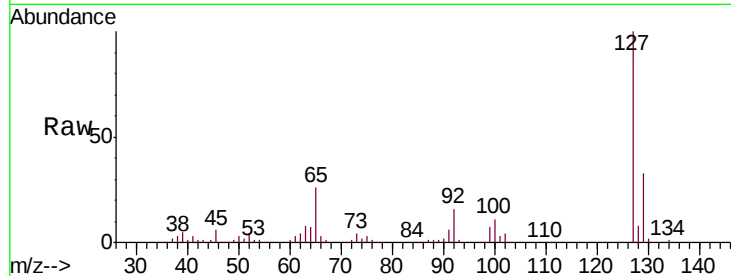




#33
4-Chloroaniline
Concen: 22.746 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	209849
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.8	40.2
65	26.0	20.7	31.1
92	16.4	13.6	20.4



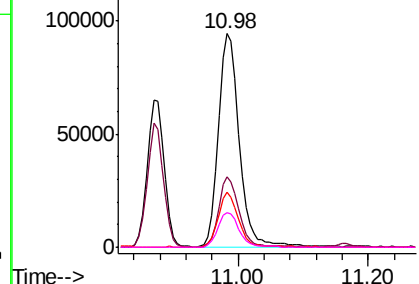
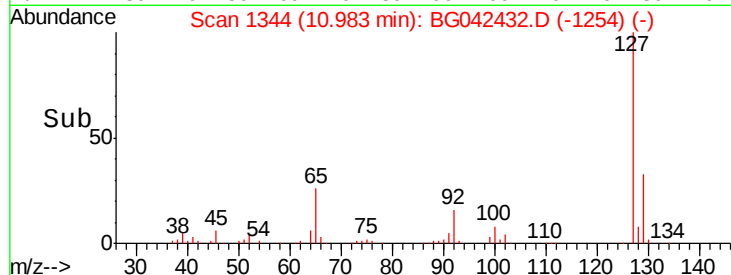
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

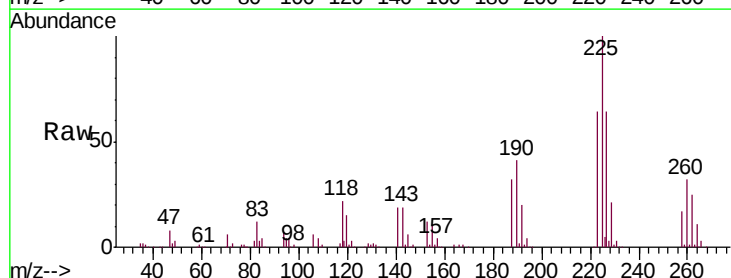
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 31.484 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Tgt Ion:	225	Resp:	185025
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.8	74.6
227	63.9	50.9	76.3

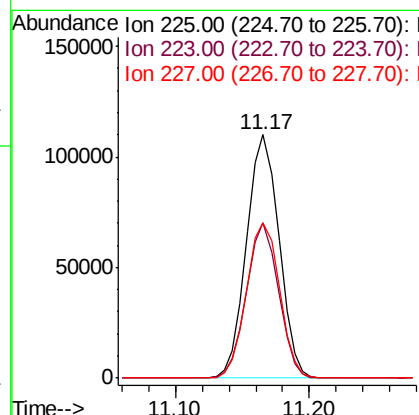
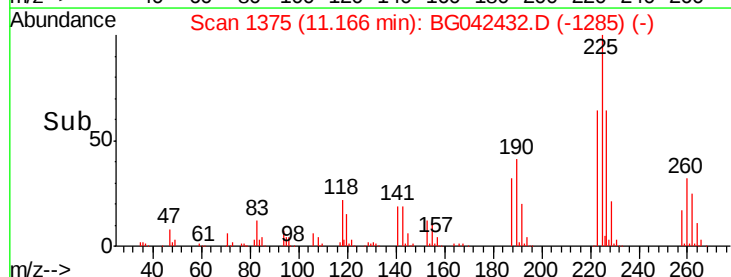


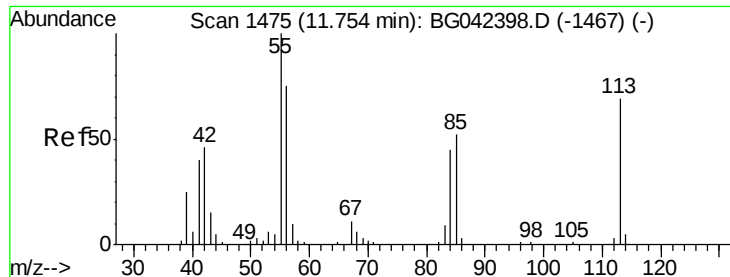
Abundance

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

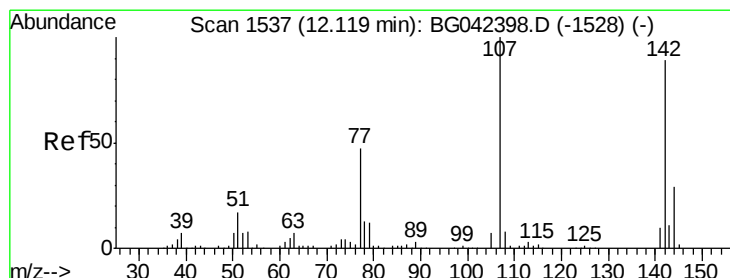
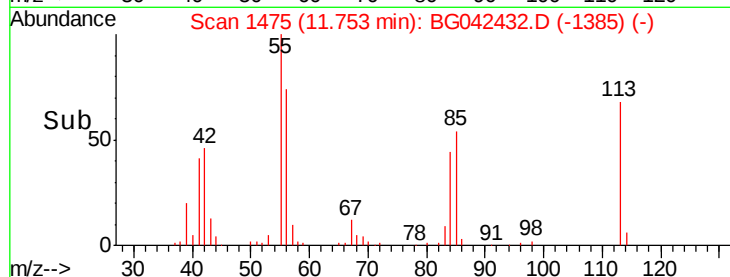
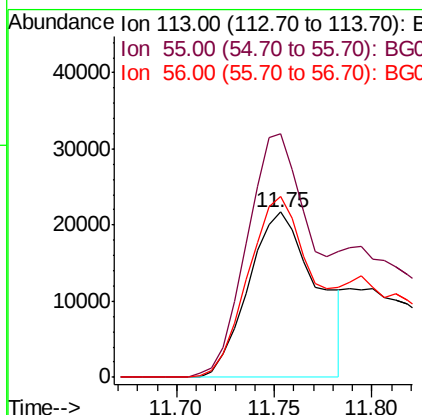
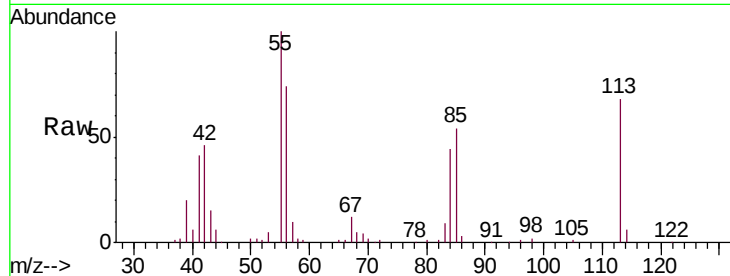




#35
 Caprolactam
 Concen: 22.136 ng
 RT: 11.75 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

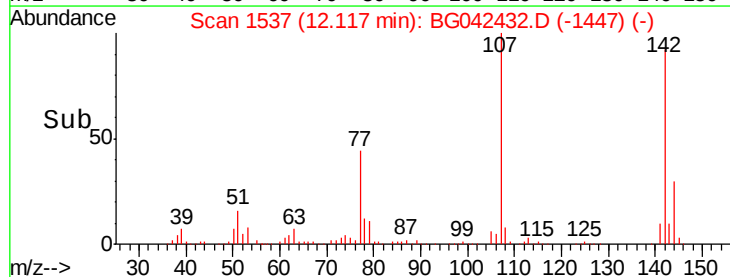
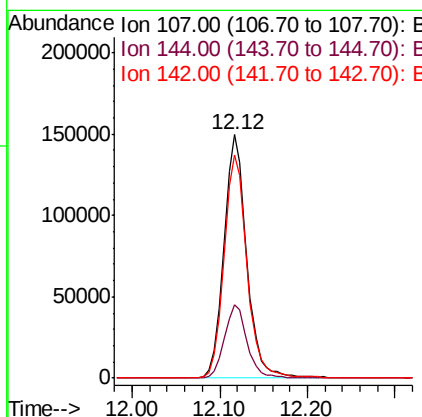
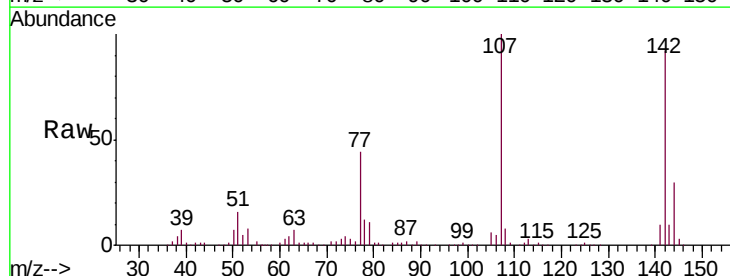
Instrument :
 BNA_G
 ClientSampled :

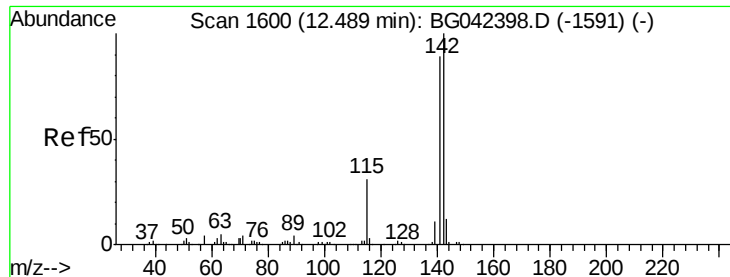
Tot Ion:113 Resp: 52621
 Ion Ratio Lower Upper
 113 100
 55 147.5 124.6 164.6
 56 109.5 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.685 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

Tgt Ion:107 Resp: 268384
 Ion Ratio Lower Upper
 107 100
 144 29.9 23.6 35.4
 142 91.7 71.0 106.4

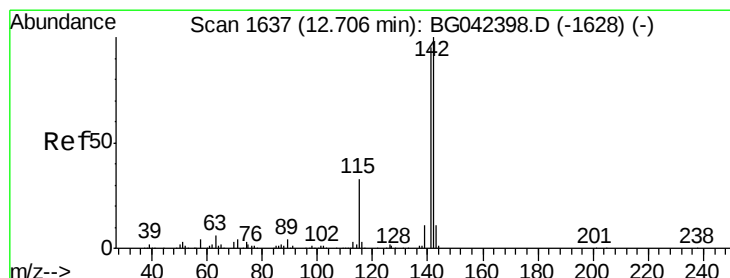
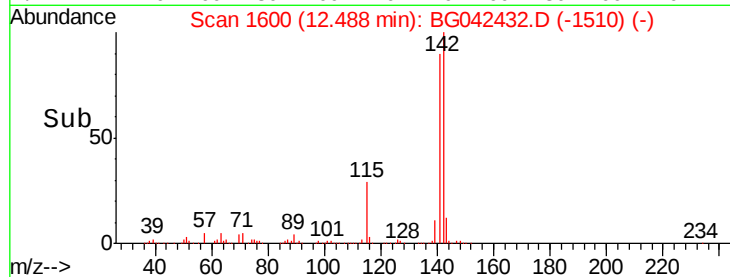
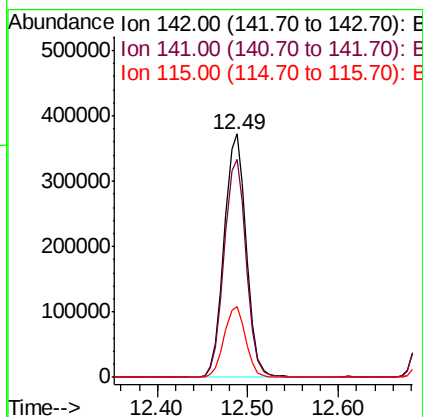
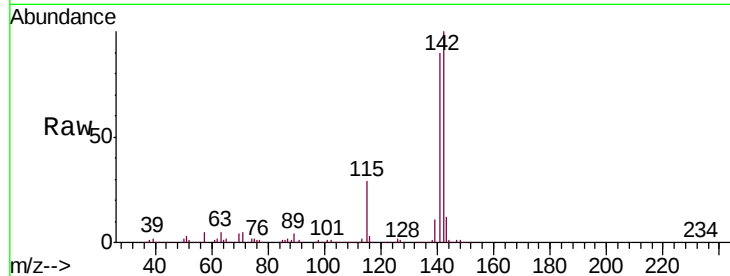




#37
2-Methylnaphthalene
Concen: 39.129 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

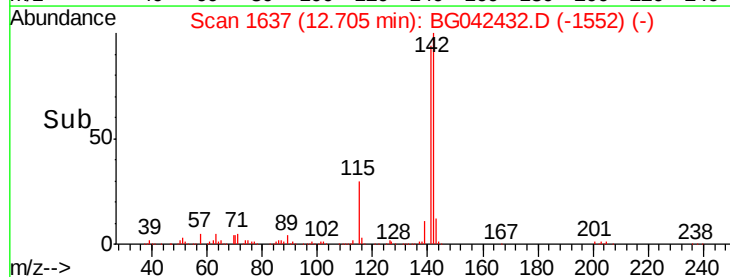
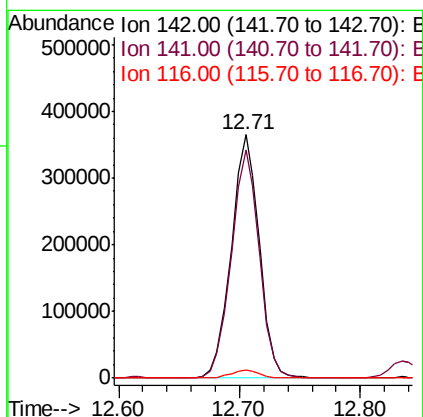
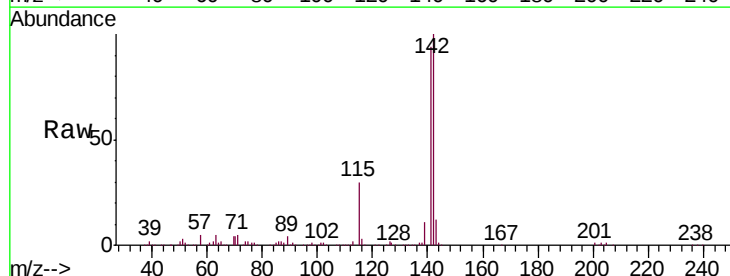
Instrument :
BNA_G
ClientSampleId :

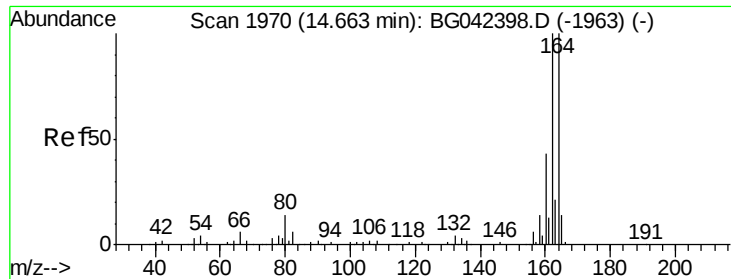
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2
115	28.9	25.2	37.8



#38
1-Methylnaphthalene
Concen: 38.282 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	76.2	114.2
116	3.2	2.8	4.2

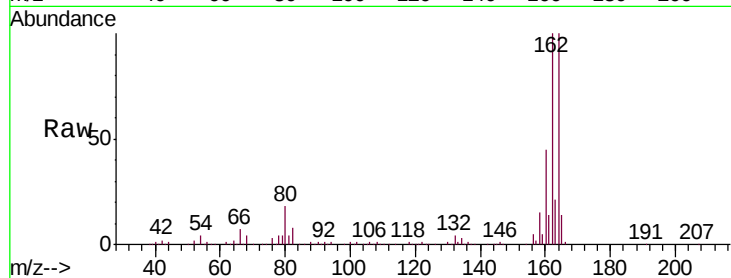




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.9	119.9
160	44.6	34.3	51.5

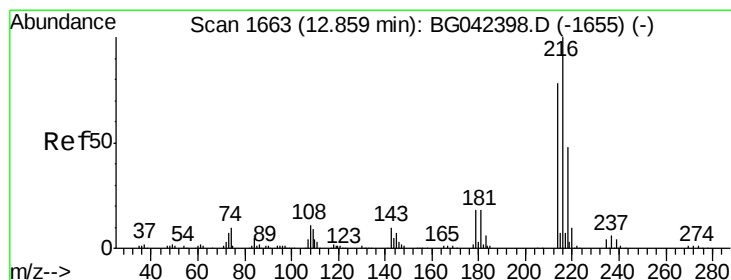
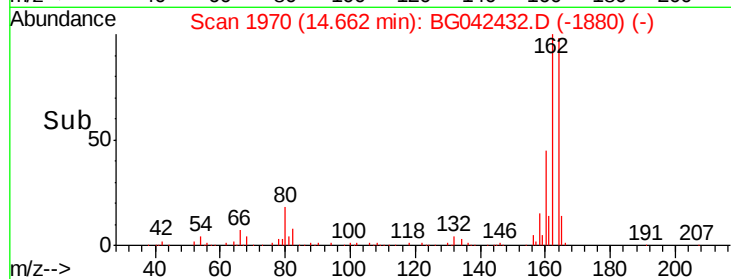
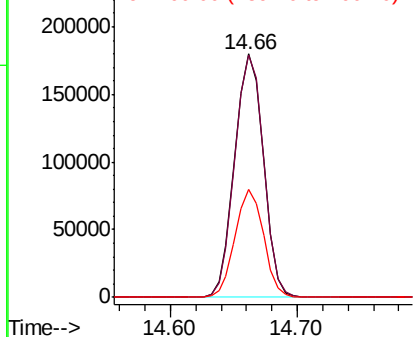


Abundance

Ion 164.00 (163.70 to 164.70): E

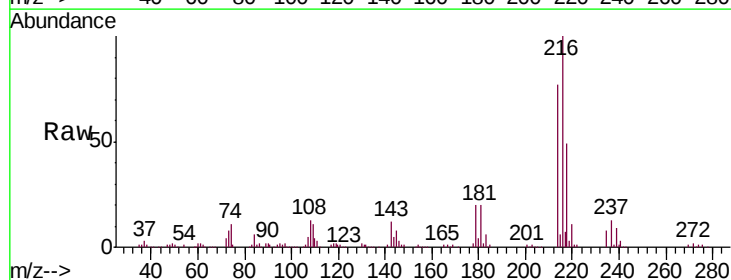
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.428 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.6	61.4	92.2
179	20.4	15.1	22.7
108	15.4	9.4	14.0#



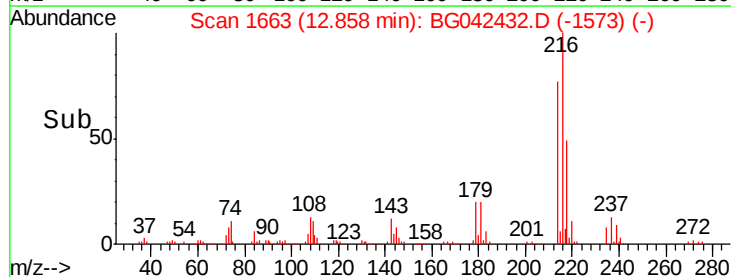
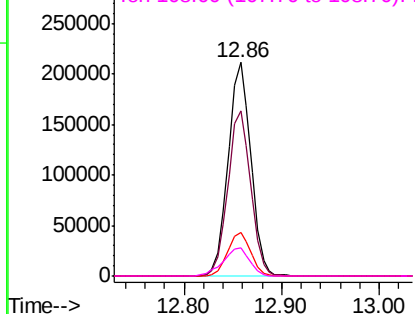
Abundance

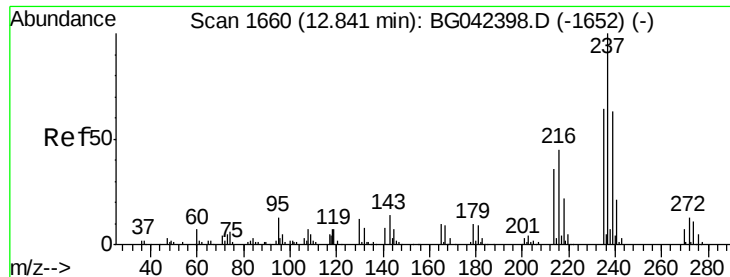
Ion 216.00 (215.70 to 216.70): E

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: 80.786 ng

RT: 12.83 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Instrument :

BNA_G

ClientSampleId :

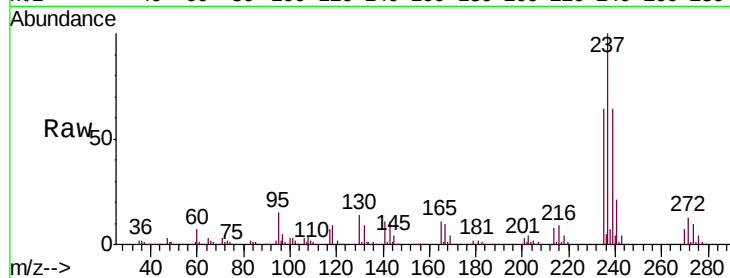
Tot Ion:237 Resp: 385208

Ion Ratio Lower Upper

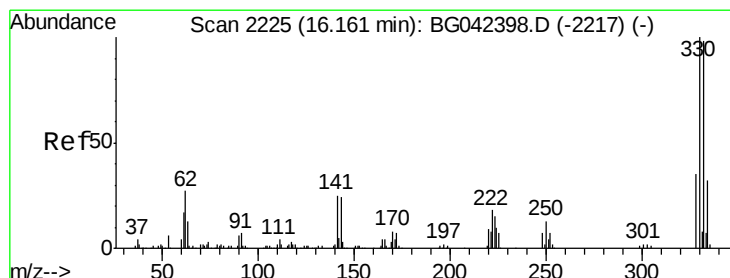
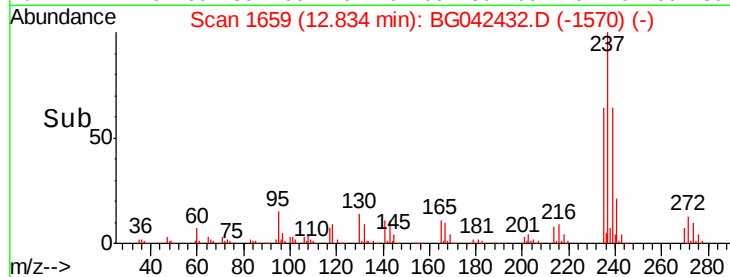
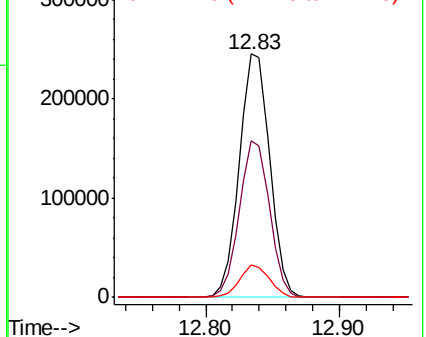
237 100

235 64.2 43.7 83.7

272 13.3 0.0 33.3



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



#42

2,4,6-Tribromophenol

Concen: 84.921 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

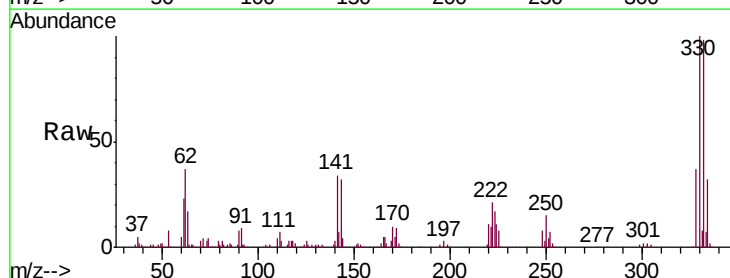
Tgt Ion:330 Resp: 341179

Ion Ratio Lower Upper

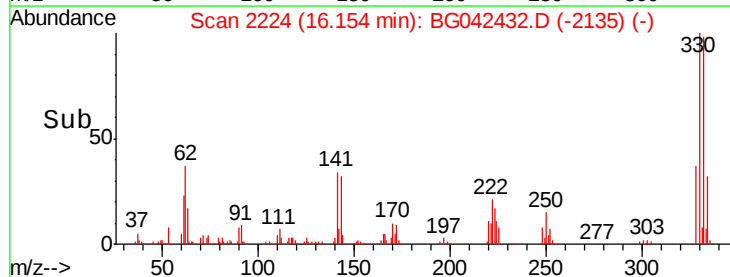
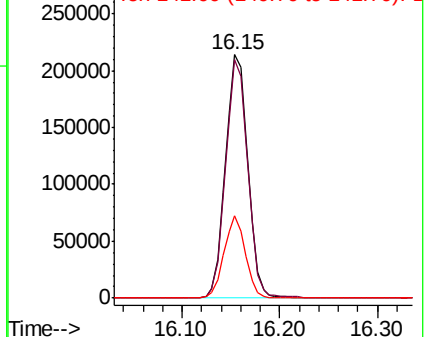
330 100

332 97.1 77.4 116.0

141 32.1 21.4 32.0#



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

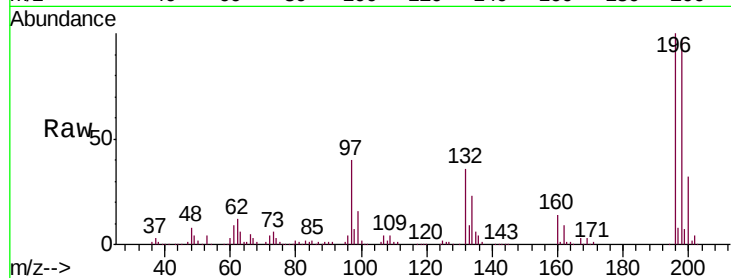




#43
 2,4,6-Trichlorophenol
 Concen: 38.806 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.1	80.7	121.1
200	32.0	25.7	38.5

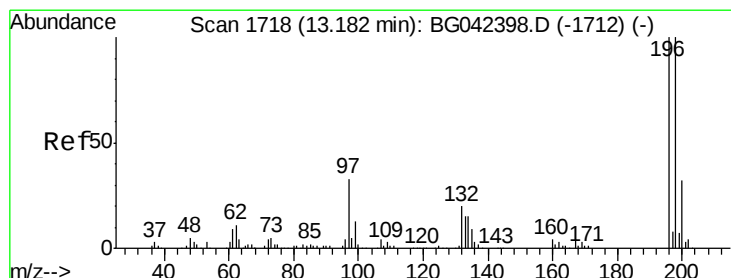
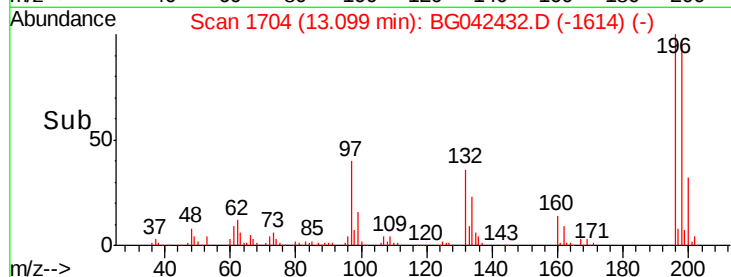
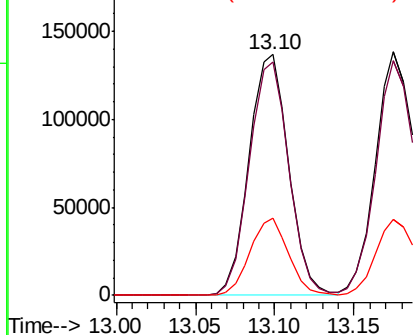


Abundance

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: 39.770 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	80.2	120.4
97	36.0	26.3	39.5
132	23.7	16.6	24.8

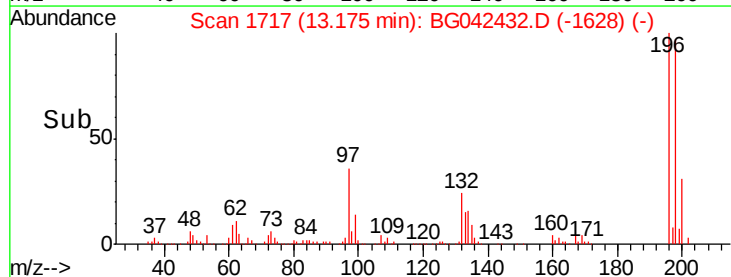
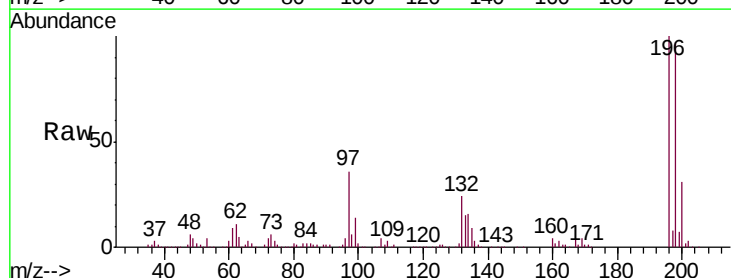
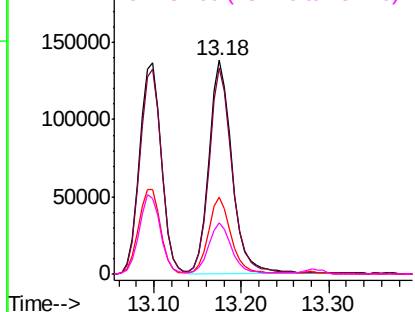
Abundance

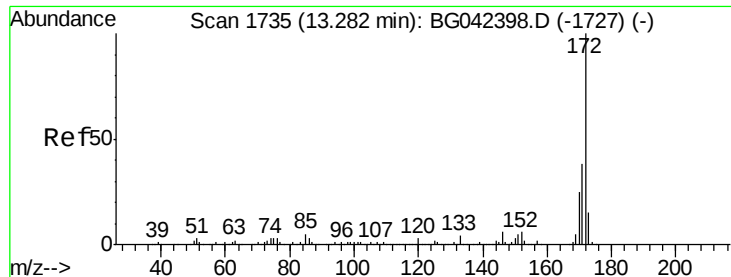
Ion 196.00 (195.70 to 196.70): E

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



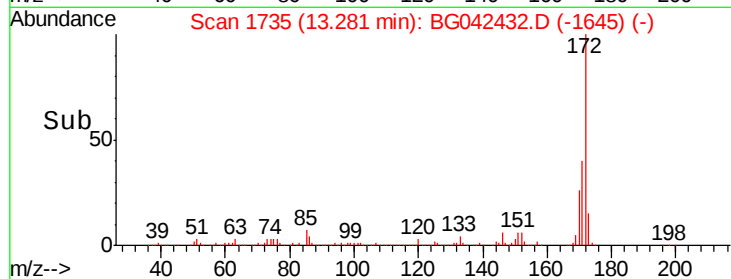
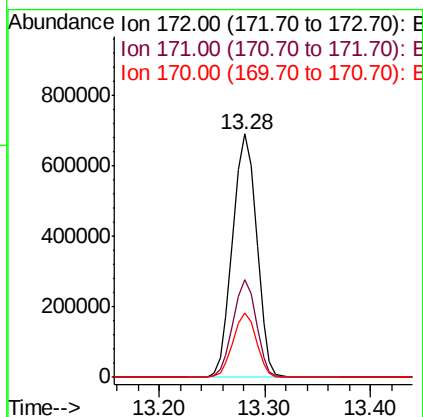
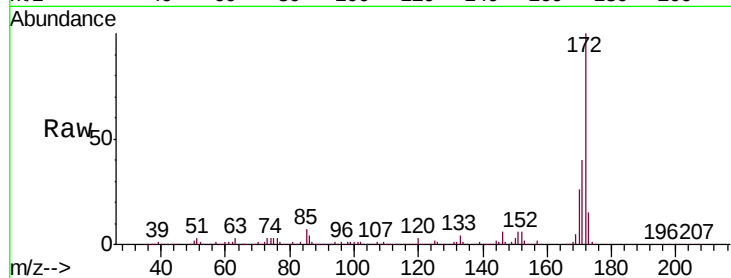


#45
 2-Fluorobiphenyl
 Concen: 65.327 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1091814

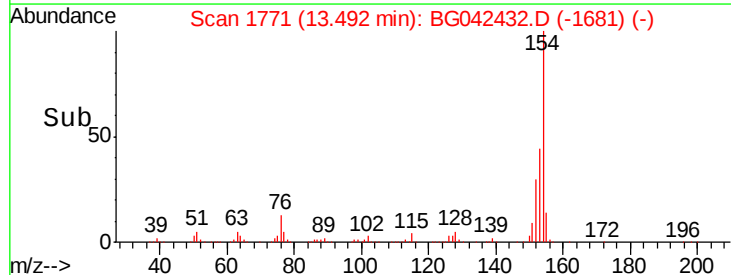
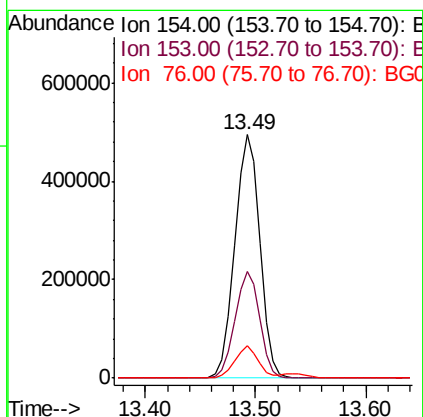
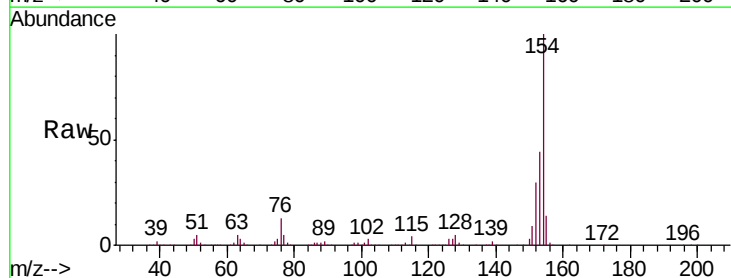
Ion	Ratio	Lower	Upper
172	100		
171	40.0	30.5	45.7
170	26.5	20.2	30.2

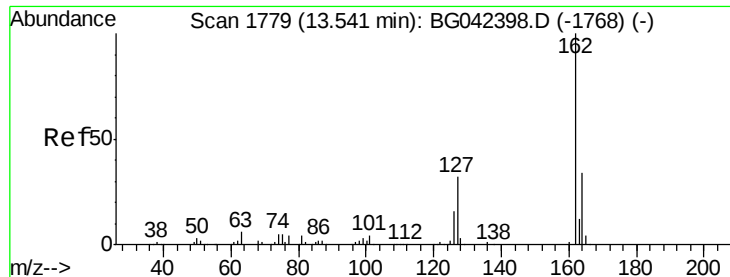


#46
 1,1'-Biphenyl
 Concen: 43.096 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

Tgt Ion:154 Resp: 787436

Ion	Ratio	Lower	Upper
154	100		
153	43.6	23.0	63.0
76	13.2	0.0	29.6





#47

2-Chloronaphthalene

Concen: 39.873 ng

RT: 13.54 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Instrument :

BNA_G

ClientSampleId :

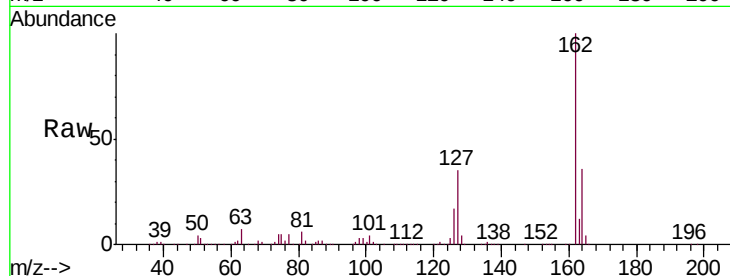
Tot Ion:162 Resp: 628195

Ion Ratio Lower Upper

162 100

127 35.5 26.0 39.0

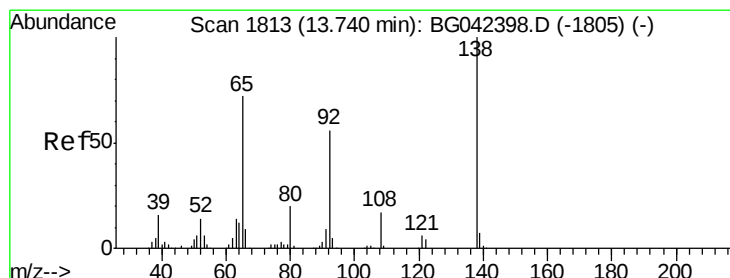
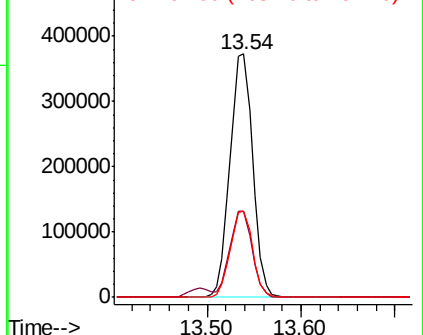
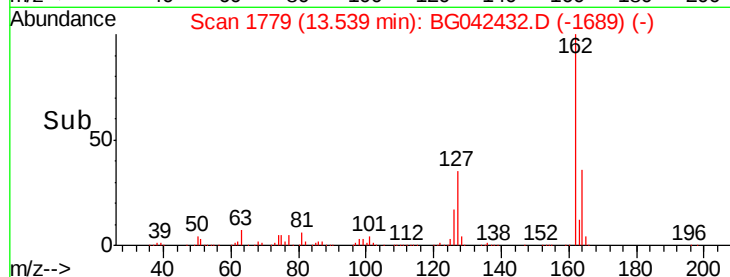
164 35.6 27.4 41.0



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: 41.228 ng

RT: 13.74 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

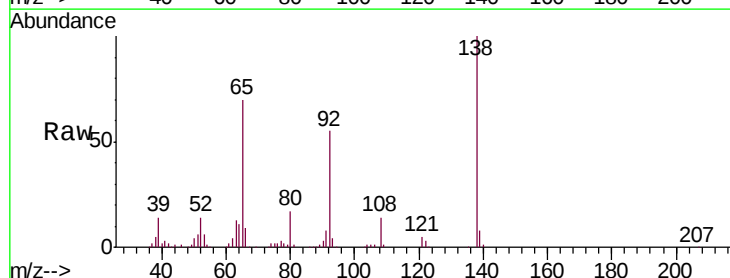
Tgt Ion: 65 Resp: 156635

Ion Ratio Lower Upper

65 100

92 77.8 61.8 92.6

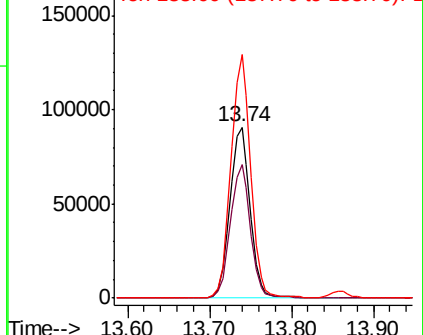
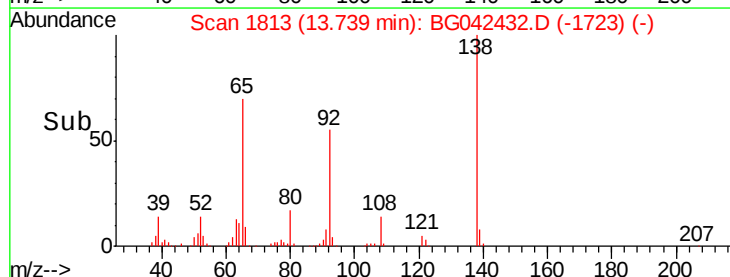
138 142.3 111.0 166.6

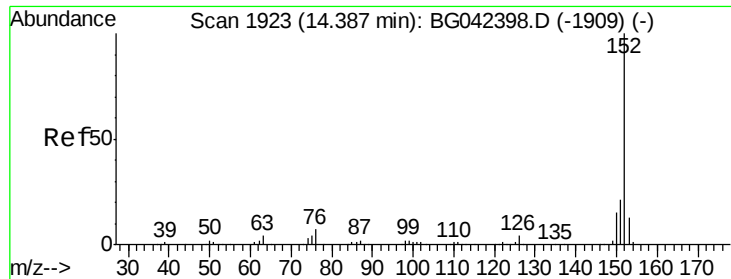


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.883 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Instrument :

BNA_G

ClientSampleId :

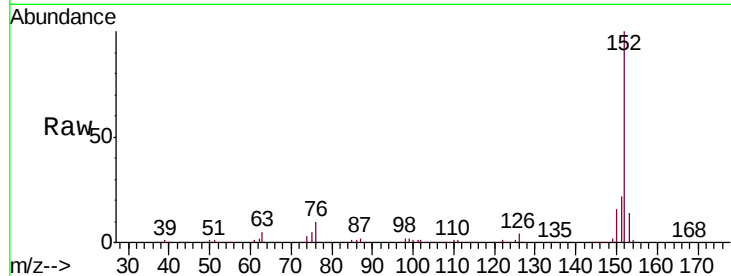
Tot Ion:152 Resp: 992750

Ion Ratio Lower Upper

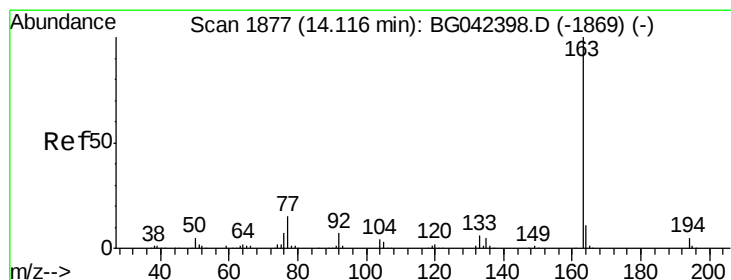
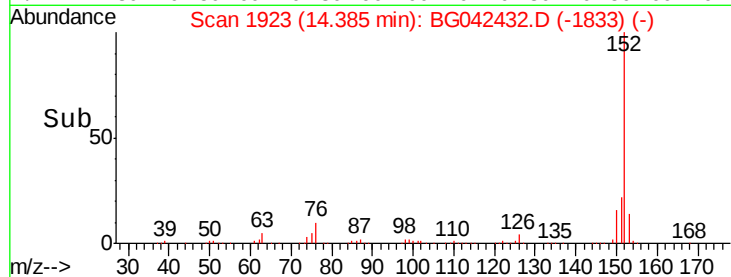
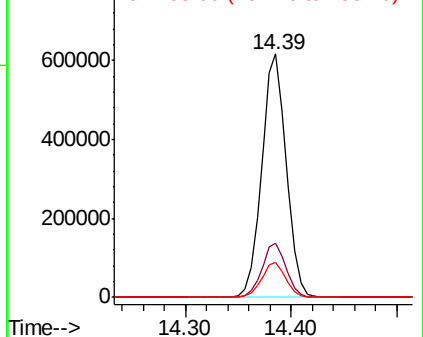
152 100

151 22.4 17.0 25.4

153 14.3 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: 37.565 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

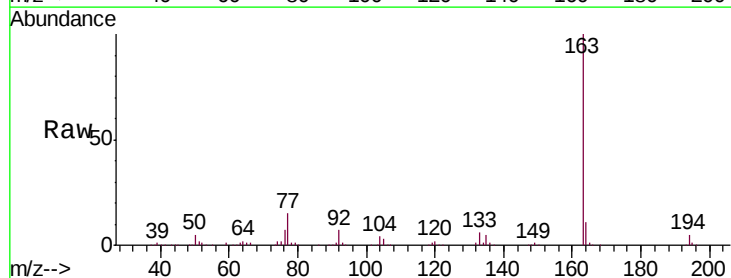
Tgt Ion:163 Resp: 766155

Ion Ratio Lower Upper

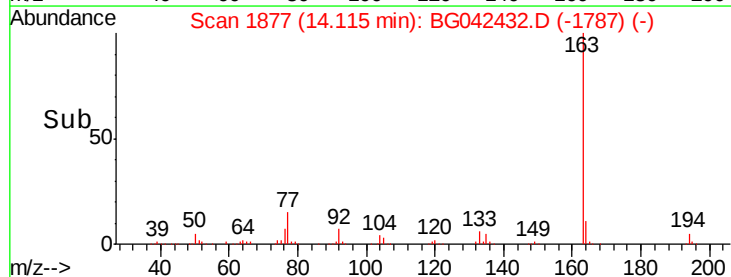
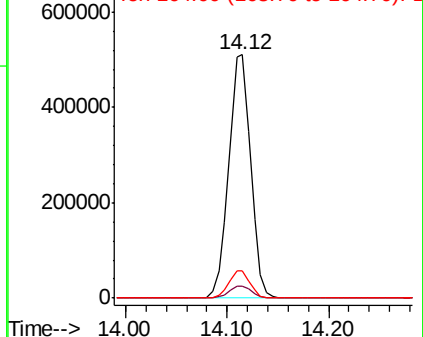
163 100

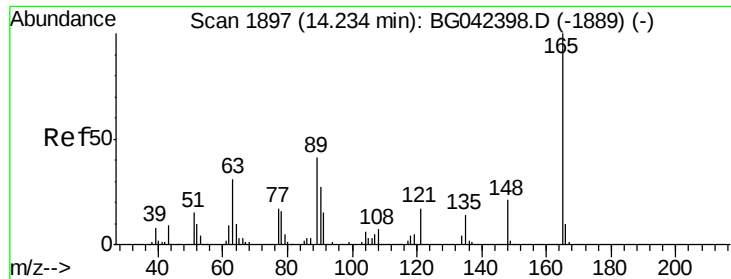
194 5.1 4.2 6.2

164 11.4 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

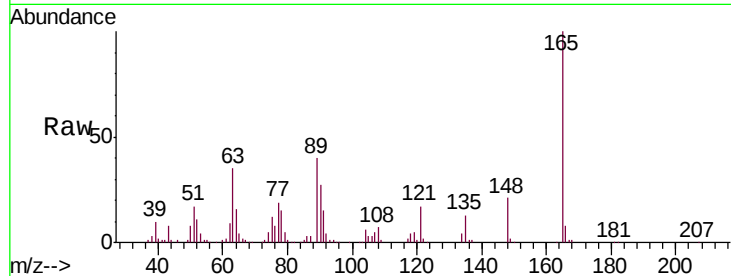




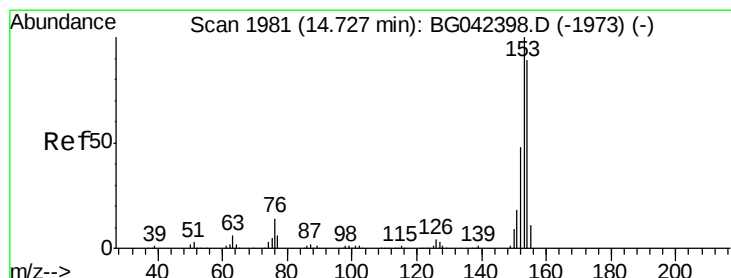
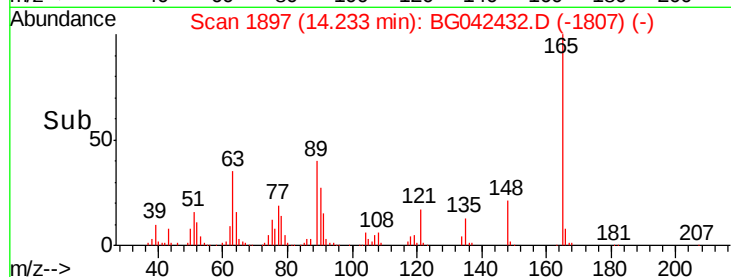
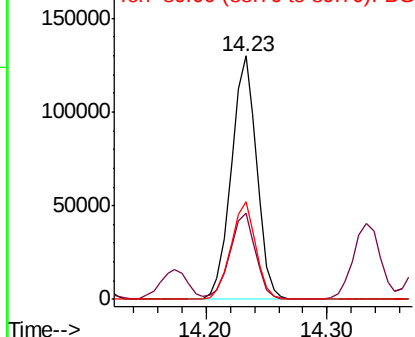
#51
 2,6-Dinitrotoluene
 Concen: 40.260 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.2	30.6	45.8
89	40.1	32.6	49.0

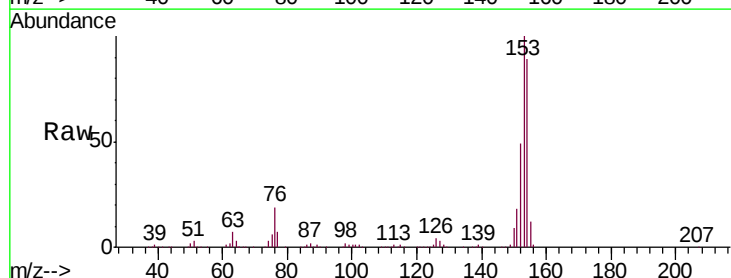


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

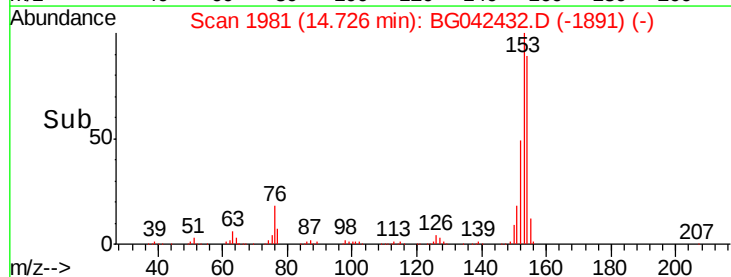
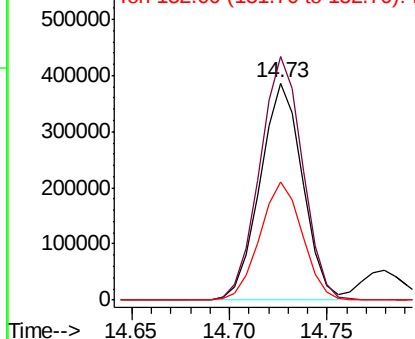


#52
 Acenaphthene
 Concen: 40.467 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.2	135.4
152	54.6	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

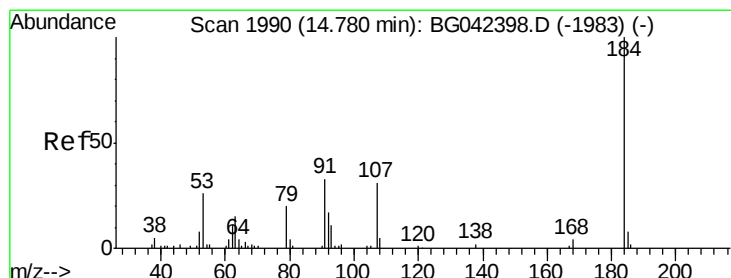
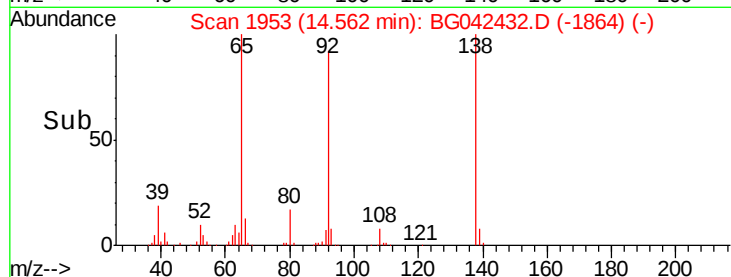
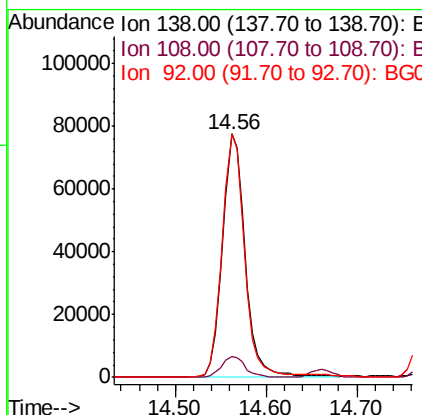
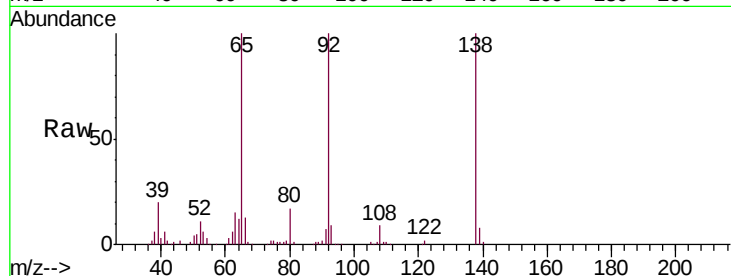




#53
3-Nitroaniline
Concen: 28.406 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

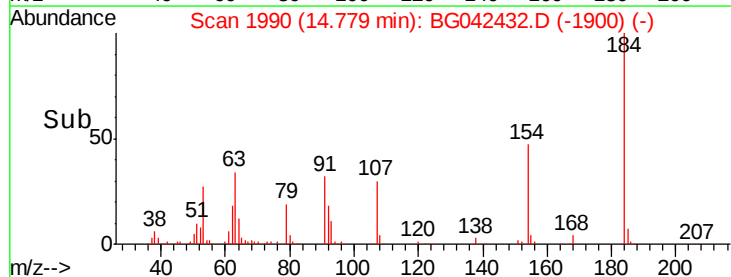
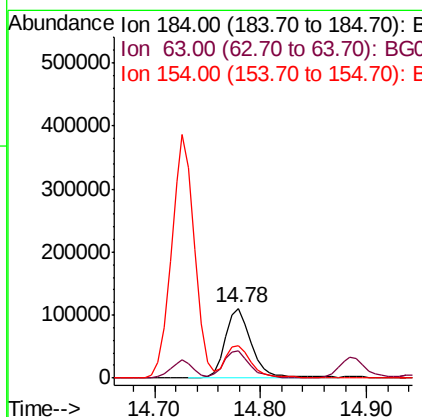
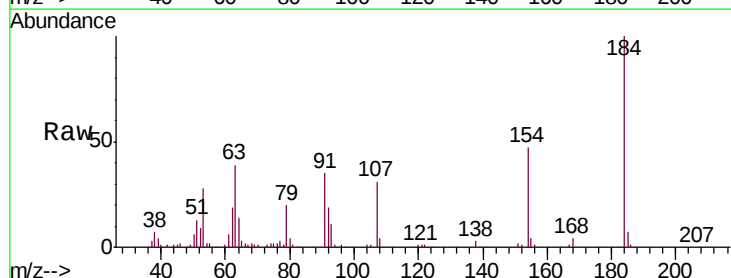
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 134303
Ion Ratio Lower Upper
138 100
108 8.7 8.3 12.5
92 100.1 78.2 117.4



#54
2,4-Dinitrophenol
Concen: 61.878 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Tgt Ion:184 Resp: 192285
Ion Ratio Lower Upper
184 100
63 38.9 31.7 47.5
154 47.1 42.0 63.0

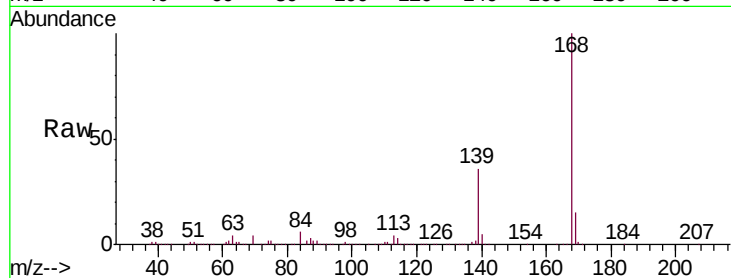




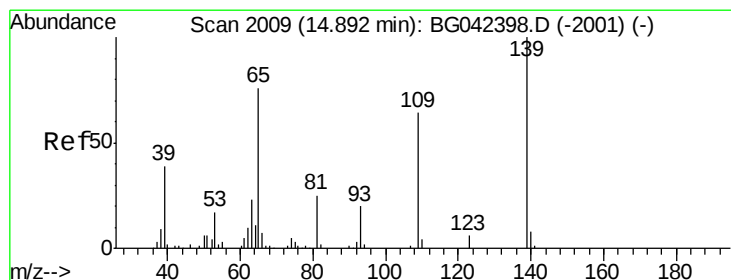
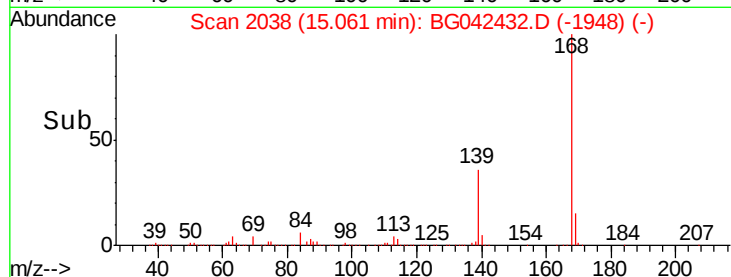
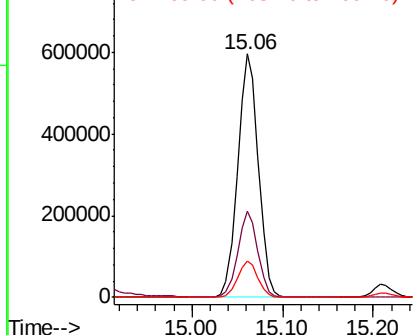
#55
Dibenzenofuran
Concen: 39.573 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.6	27.2	40.8
169	14.9	11.5	17.3

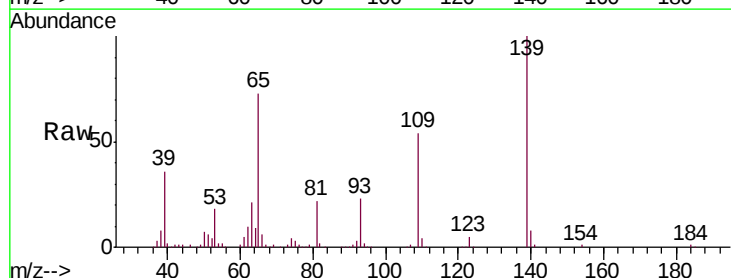


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

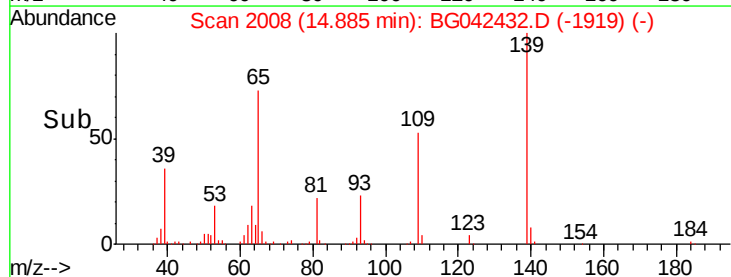
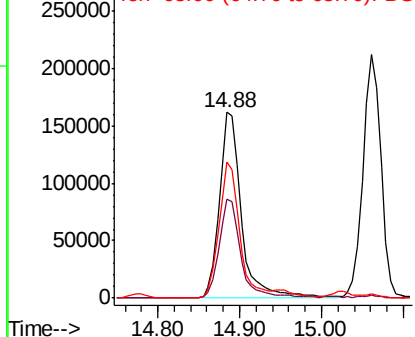


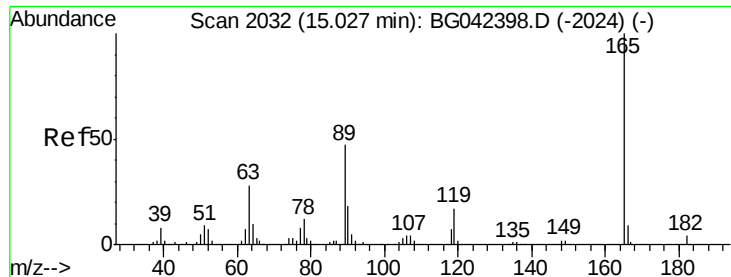
#56
4-Nitrophenol
Concen: 90.751 ng
RT: 14.88 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	53.6	43.9	83.9
65	73.3	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): BG

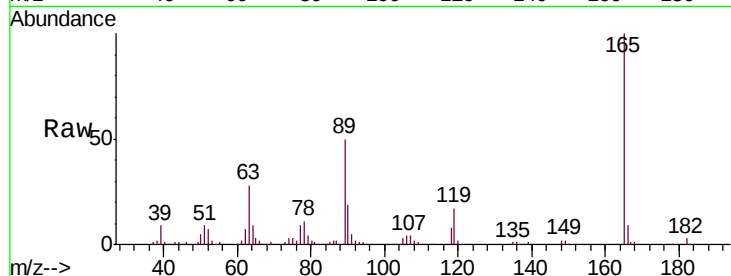




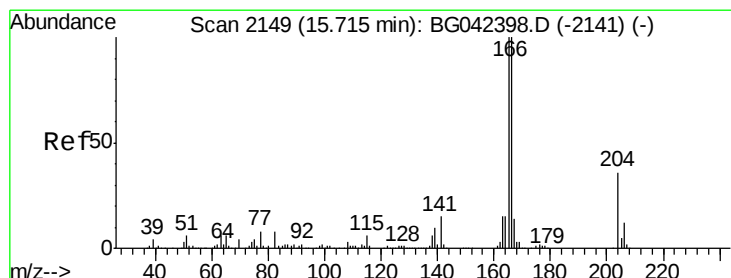
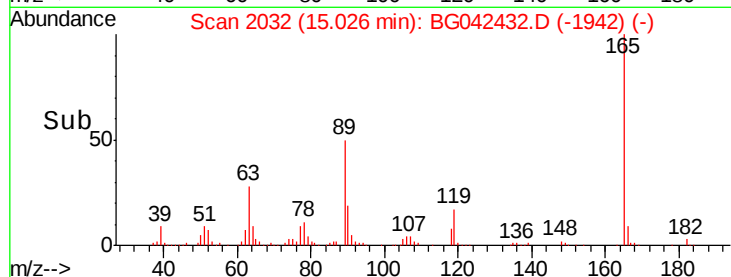
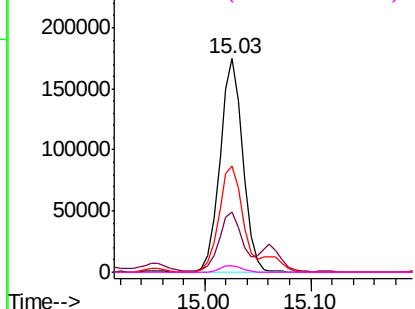
#57
2,4-Dinitrotoluene
Concen: 38.666 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Instrument :
BNA_G
ClientSampled :

Tot Ion:165	Resp:	261757
Ion Ratio	Lower	Upper
165	100	
63	28.0	22.5 33.7
89	49.8	37.8 56.6
182	3.2	3.0 4.4

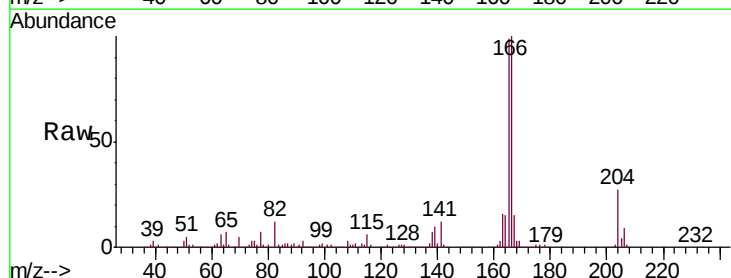


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

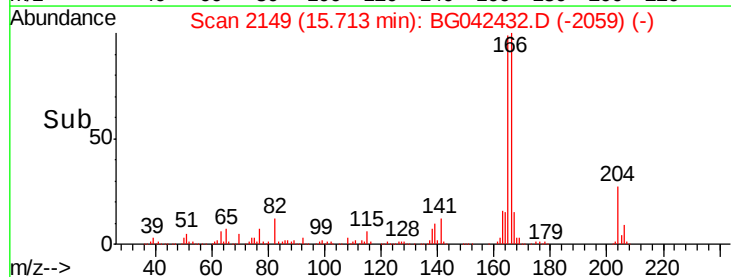
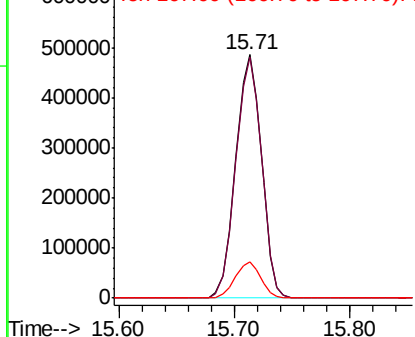


#58
Fluorene
Concen: 38.675 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Tgt Ion:166	Resp:	753200
Ion Ratio	Lower	Upper
166	100	
165	99.0	79.7 119.5
167	14.7	10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

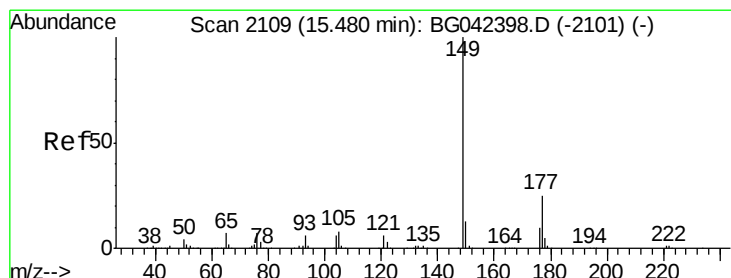
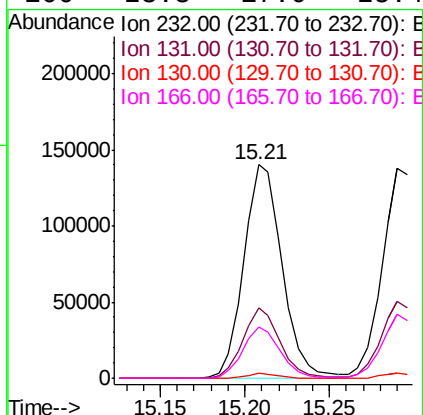
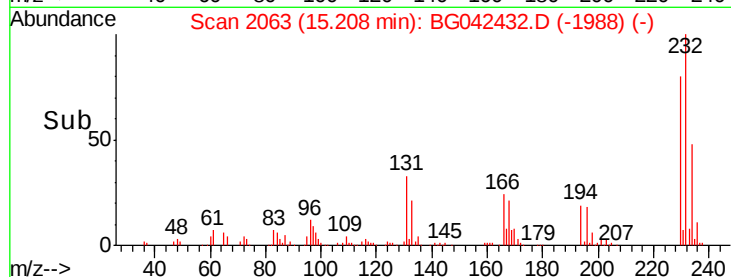
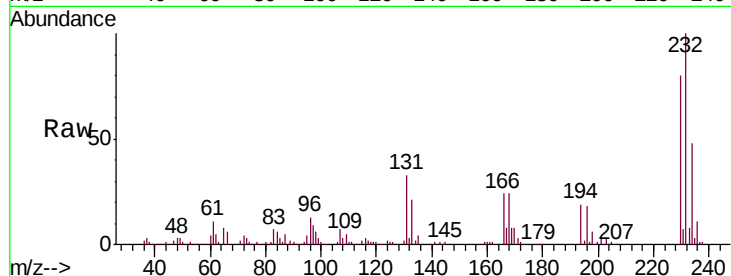




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.107 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

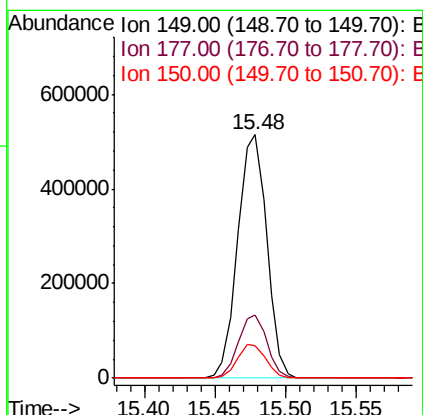
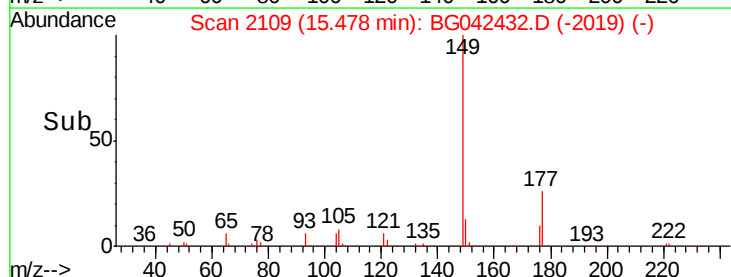
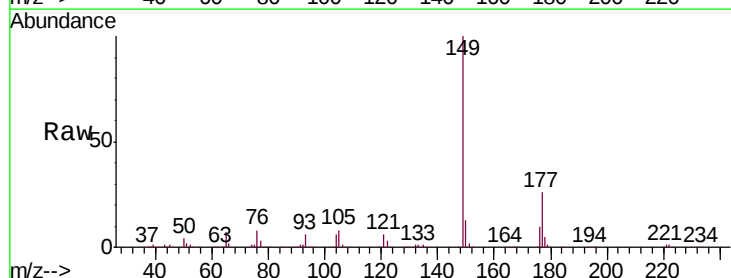
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	220748
Ion Ratio	Lower	Upper
232	100	
131	31.7	22.9 34.3
130	1.8	1.4 2.0
166	23.3	17.0 25.4



#60
 Diethylphthalate
 Concen: 37.203 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

Tgt Ion:149	Resp:	741738
Ion Ratio	Lower	Upper
149	100	
177	25.9	20.4 30.6
150	13.4	10.3 15.5

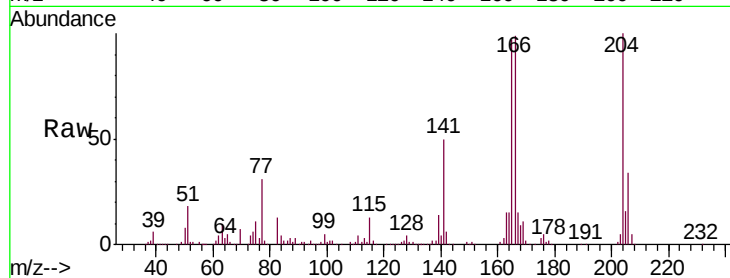




#61
 4-Chlorophenyl-phenylether
 Concen: 34.858 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	27.2	40.8
141	50.2	38.7	58.1

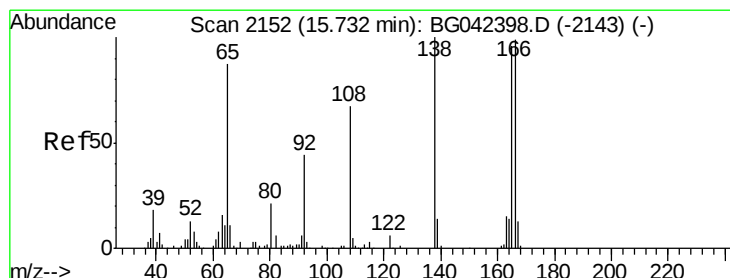
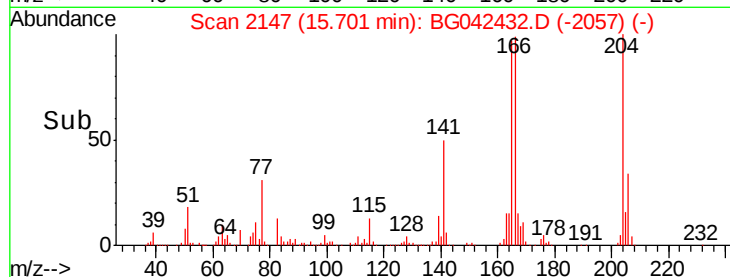
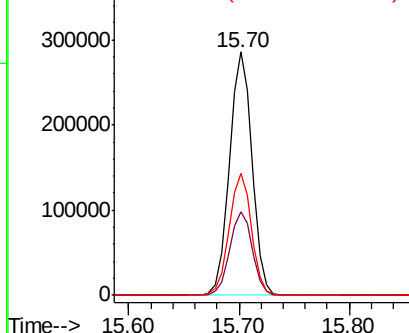


Abundance

Ion 204.00 (203.70 to 204.70): E

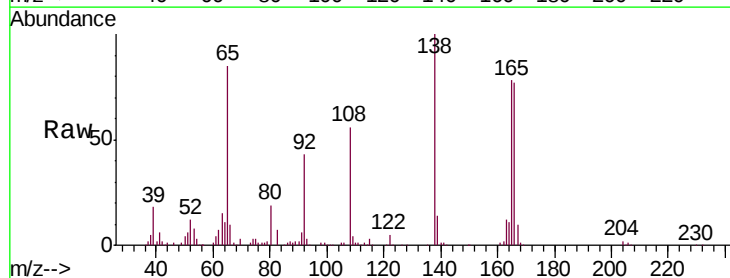
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 39.797 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.4	24.2	64.2
108	55.8	46.8	86.8

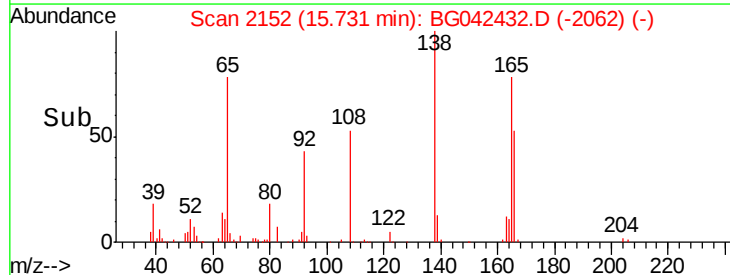
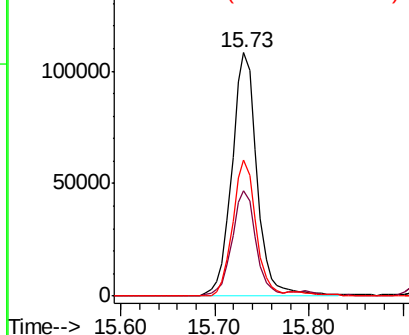


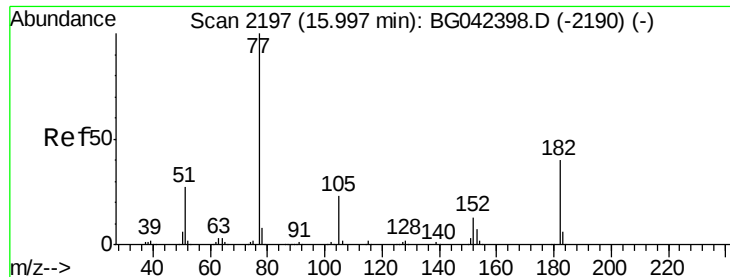
Abundance

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

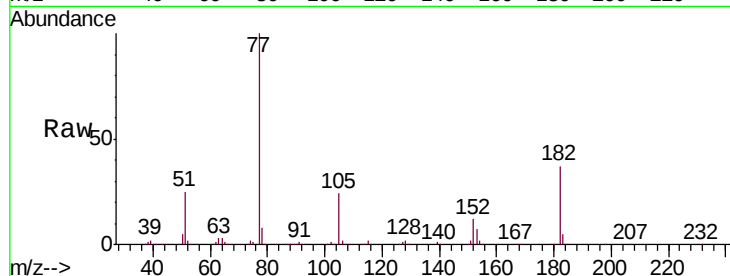




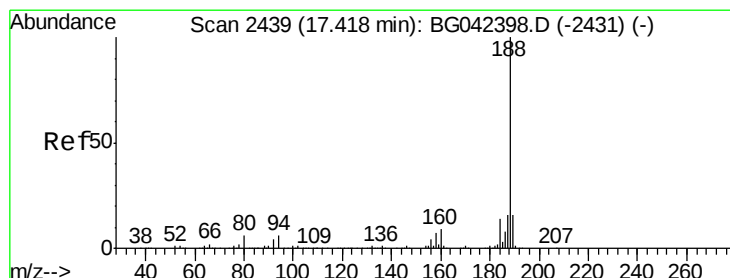
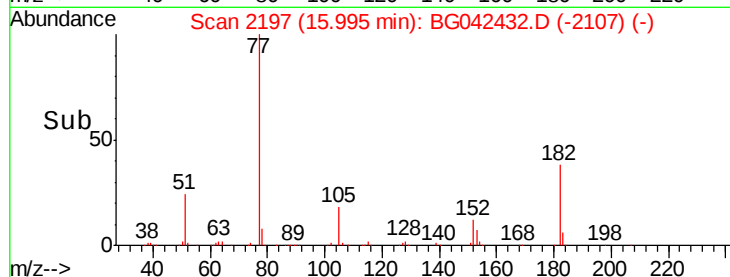
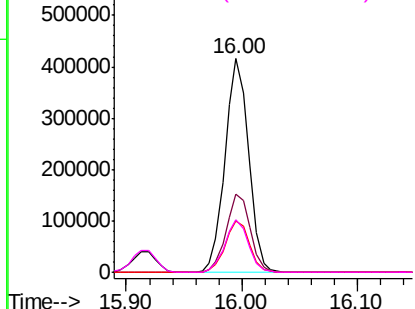
#63
Azobenzene
Concen: 42.891 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	585956
Ion	Ratio	Lower	Upper
77	100		
182	36.7	19.9	59.9
105	24.2	2.9	42.9
51	24.7	7.6	47.6

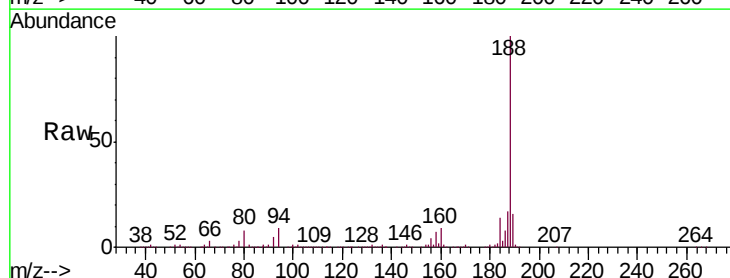


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

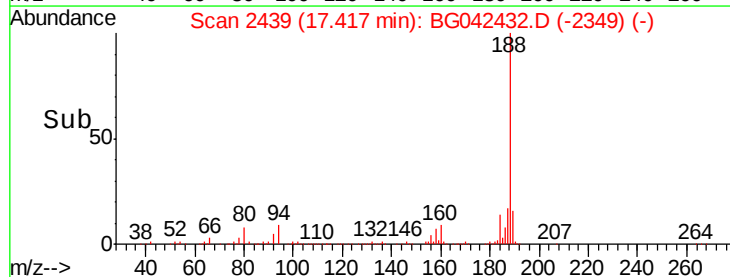
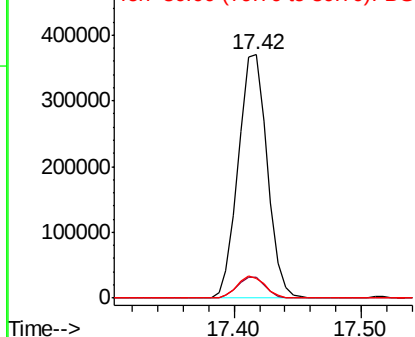


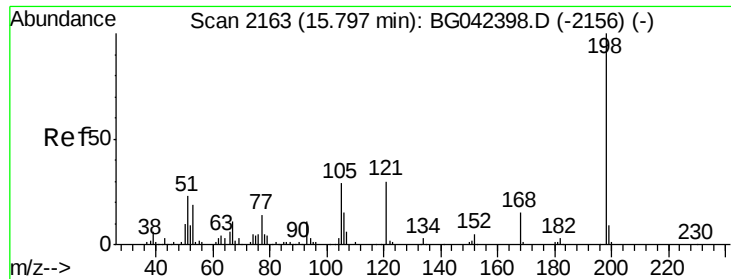
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Tgt Ion:	188	Resp:	586403
Ion	Ratio	Lower	Upper
188	100		
94	8.6	4.5	6.7#
80	8.2	4.9	7.3#



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





#65

4,6-Dinitro-2-methylphenol

Concen: 42.322 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

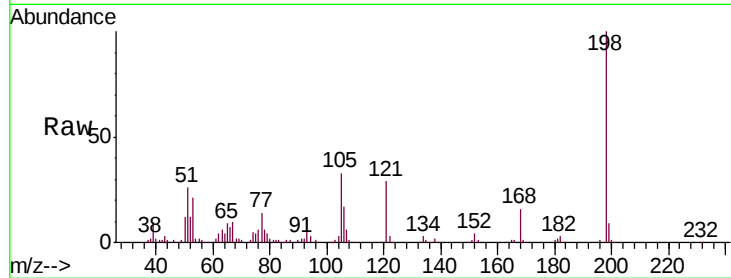
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 155595

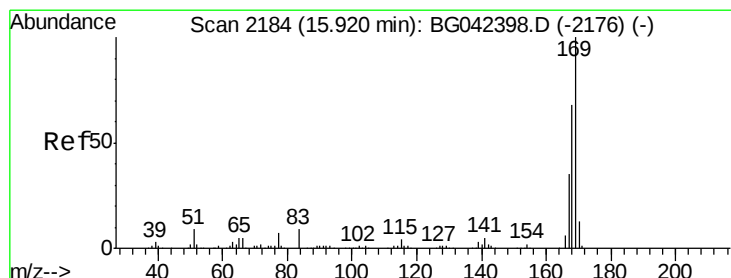
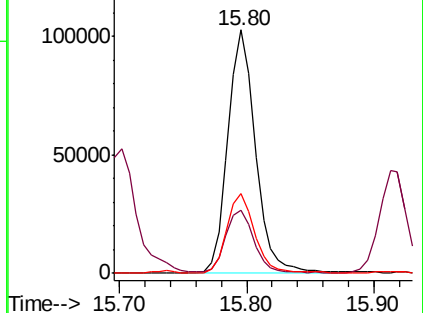
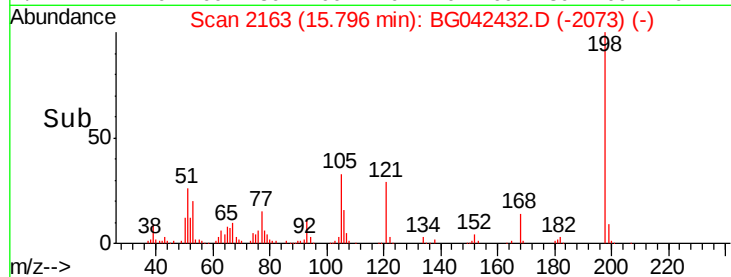
Ion	Ratio	Lower	Upper
198	100		
51	26.0	4.2	44.2
105	33.0	8.8	48.8



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: 43.719 ng

RT: 15.92 min Scan# 2184

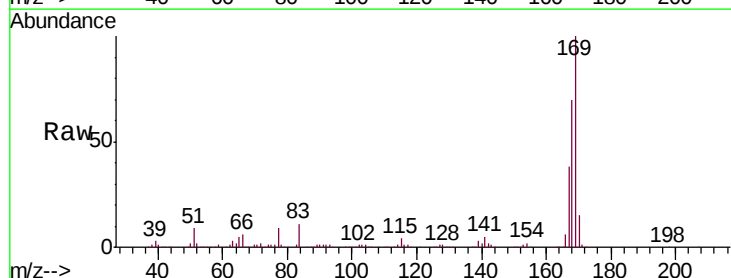
Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Tgt Ion:169 Resp: 705031

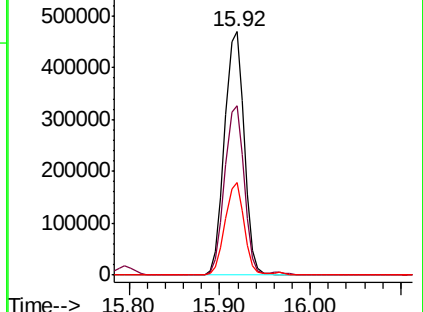
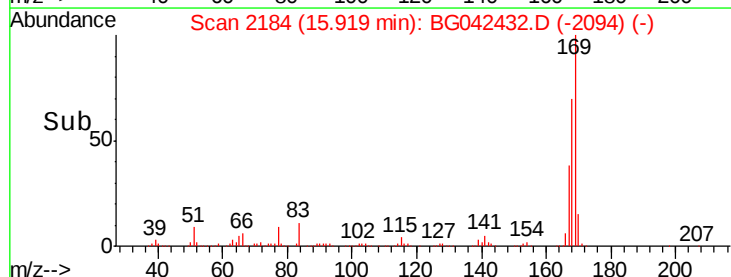
Ion	Ratio	Lower	Upper
169	100		
168	69.8	54.3	81.5
167	38.1	28.2	42.2

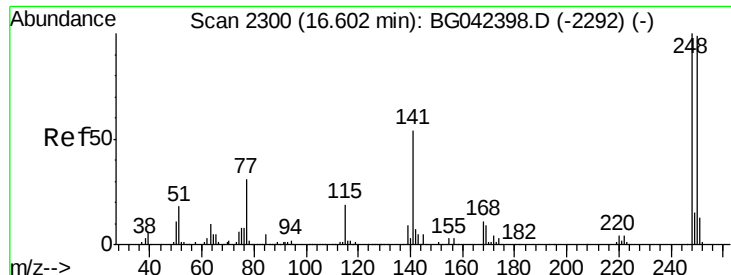


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

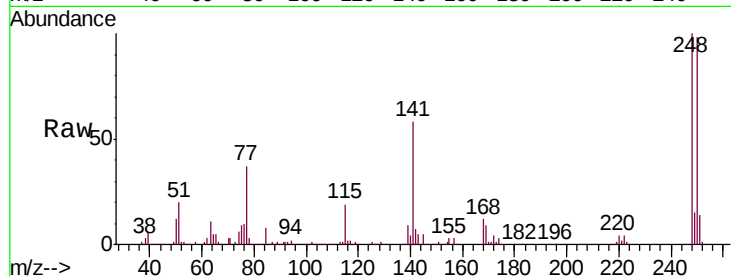




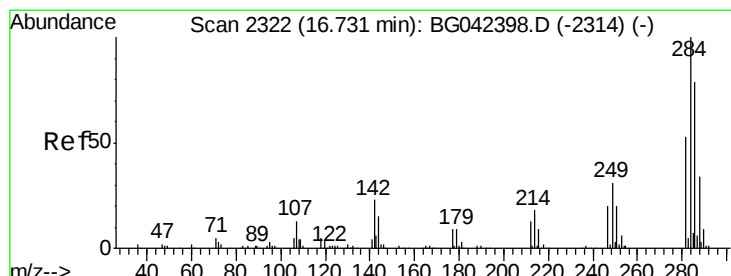
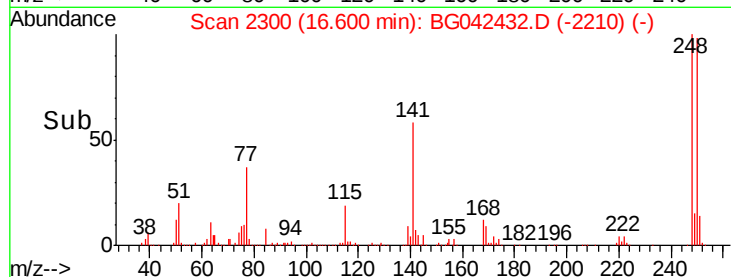
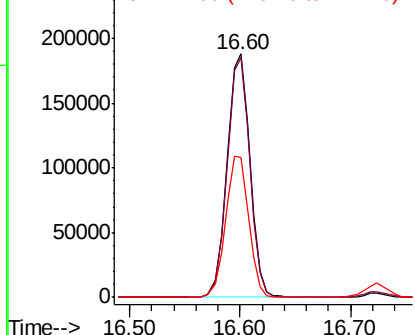
#67
 4-Bromophenyl-phenylether
 Concen: 36.654 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.9	118.3
141	57.6	43.3	64.9

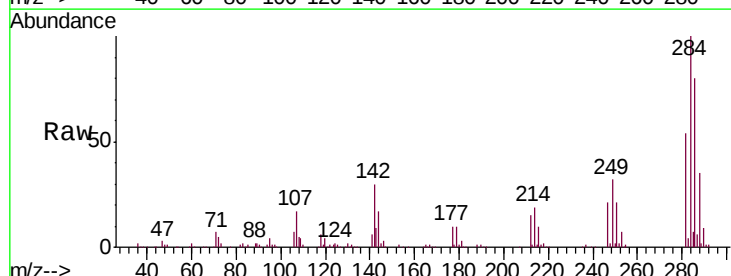


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

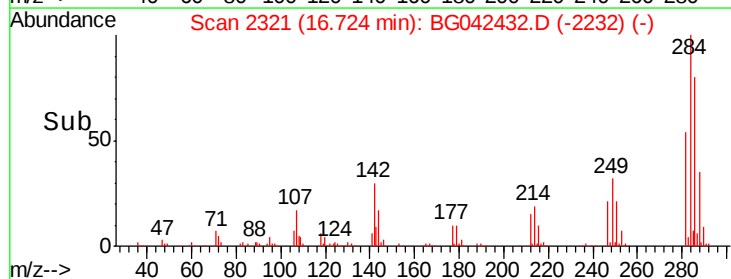
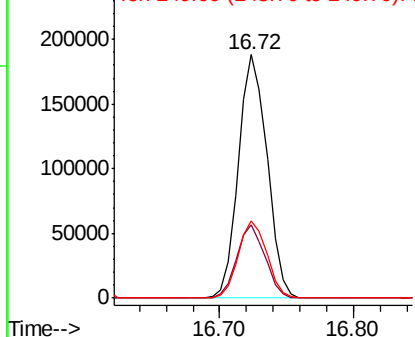


#68
 Hexachlorobenzene
 Concen: 34.540 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.2	18.2	27.4#
249	31.8	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: 42.703 ng

RT: 16.86 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Instrument :

BNA_G

ClientSampleId :

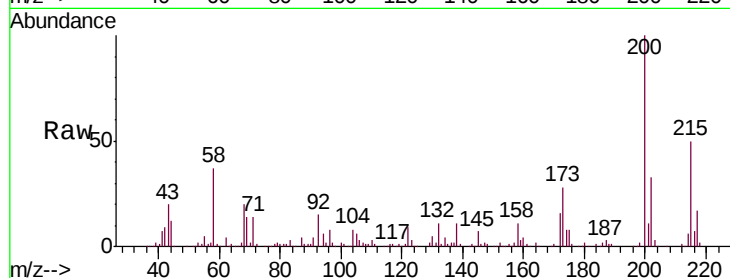
Tot Ion:200 Resp: 243530

Ion Ratio Lower Upper

200 100

173 27.7 4.9 44.9

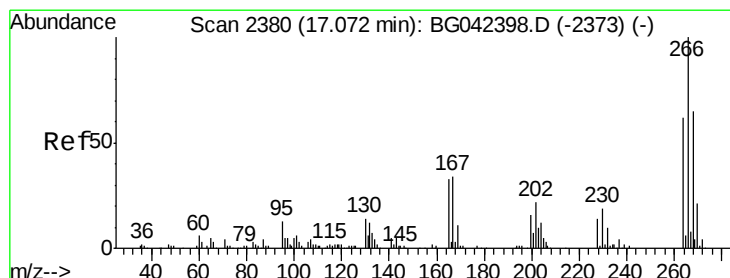
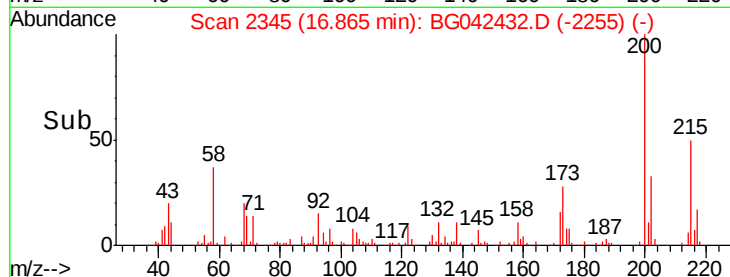
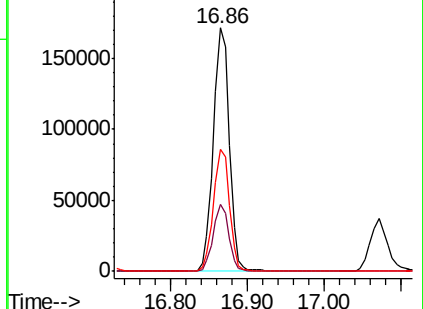
215 50.0 30.7 70.7



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: 79.283 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

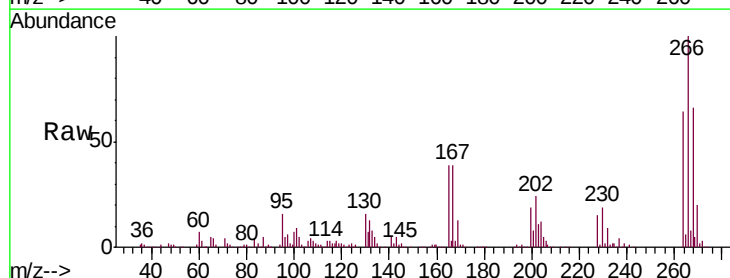
Tgt Ion:266 Resp: 333090

Ion Ratio Lower Upper

266 100

268 65.6 52.1 78.1

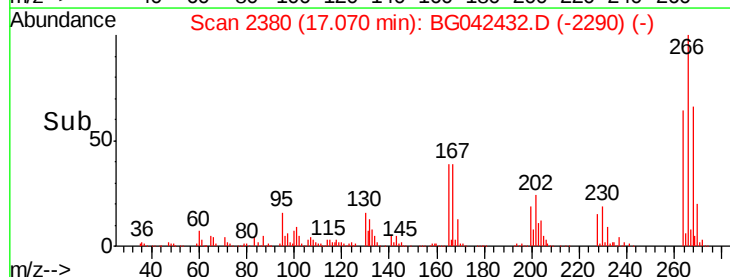
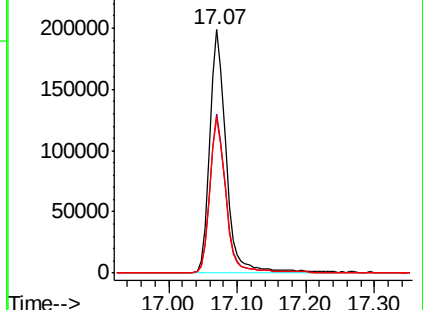
264 63.8 49.4 74.2



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

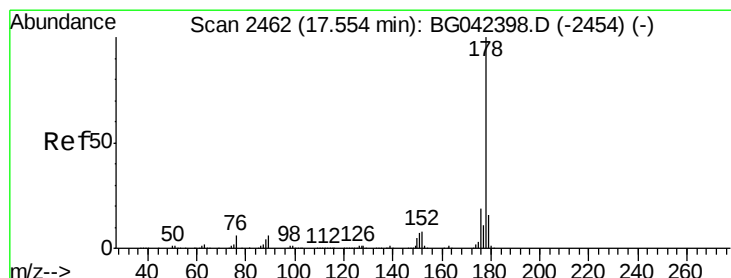
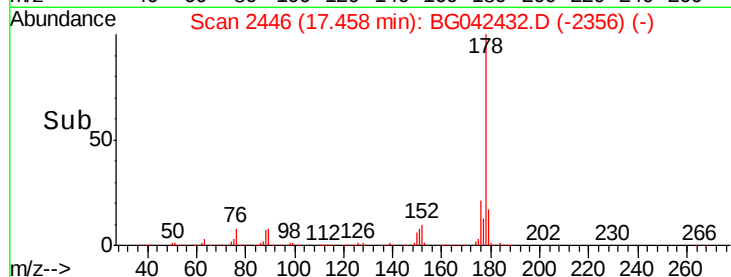
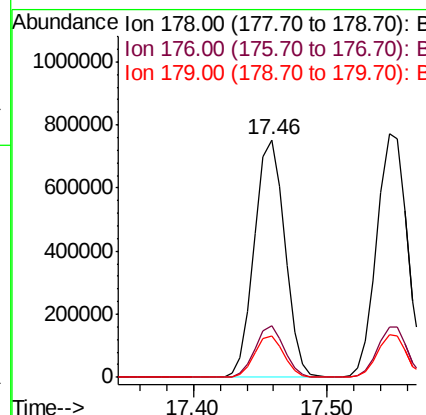
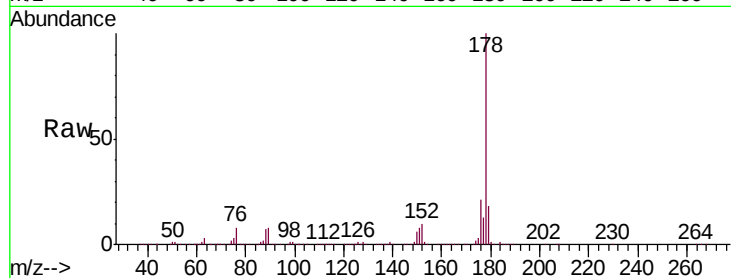




#71
Phenanthrene
Concen: 40.710 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

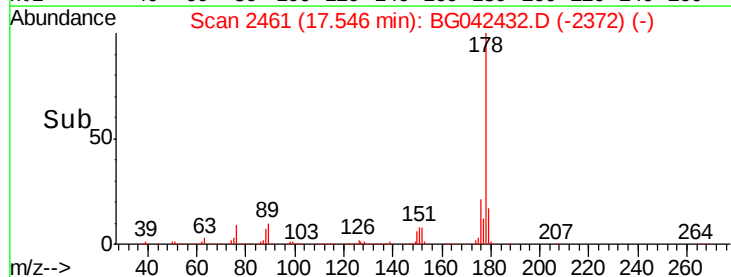
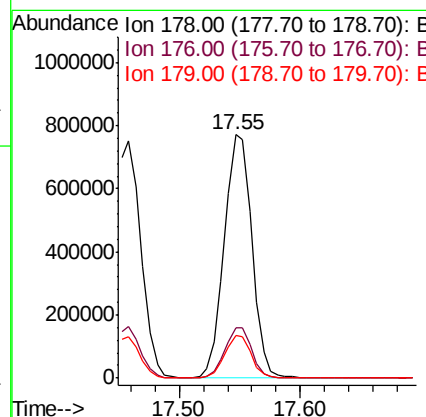
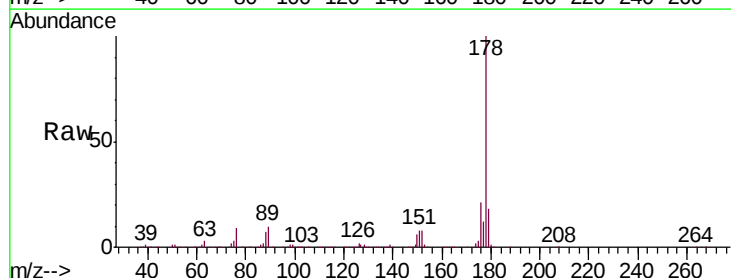
Instrument :
BNA_G
ClientSampleId :

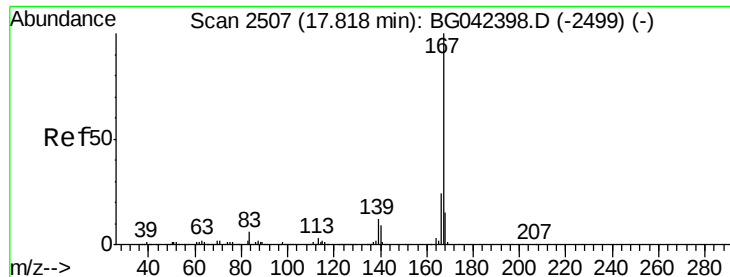
Tot Ion:178 Resp: 1185795
Ion Ratio Lower Upper
178 100
176 21.5 15.9 23.9
179 17.5 12.7 19.1



#72
Anthracene
Concen: 41.916 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Tgt Ion:178 Resp: 1218836
Ion Ratio Lower Upper
178 100
176 20.7 15.5 23.3
179 17.5 12.9 19.3





#73

Carbazole

Concen: 44.073 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

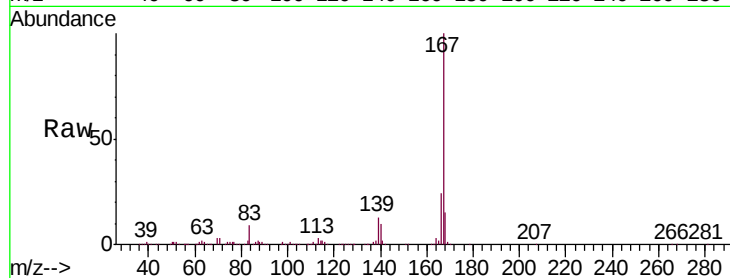
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1142180

Ion	Ratio	Lower	Upper
167	100		
166	24.4	18.9	28.3
139	12.9	9.8	14.6

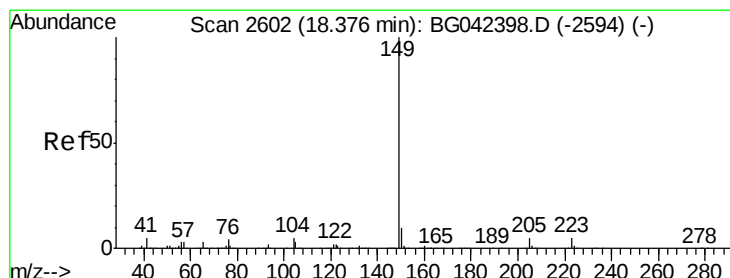
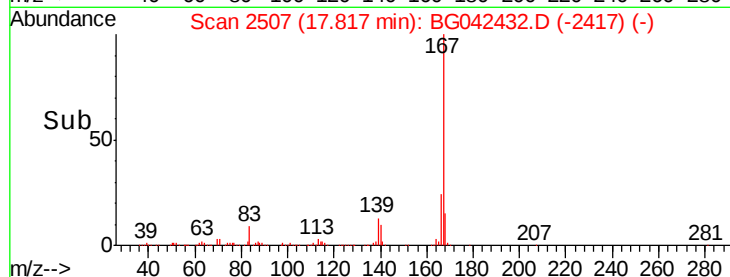
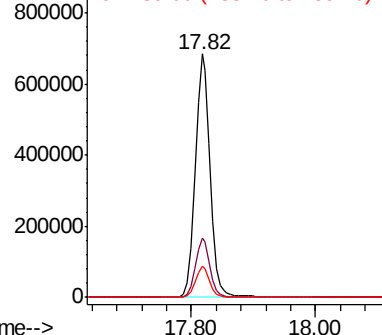


Abundance

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: 42.249 ng

RT: 18.37 min Scan# 2602

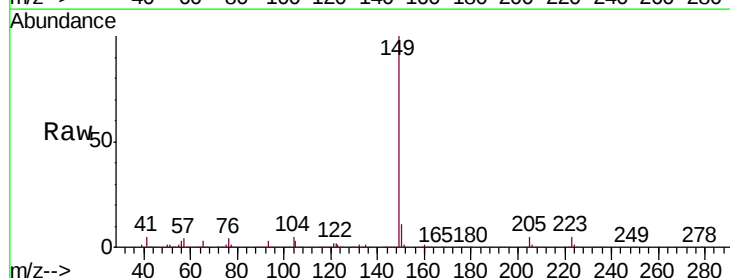
Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Tgt Ion:149 Resp: 1294273

Ion	Ratio	Lower	Upper
149	100		
150	11.1	8.1	12.1
104	4.6	3.7	5.5

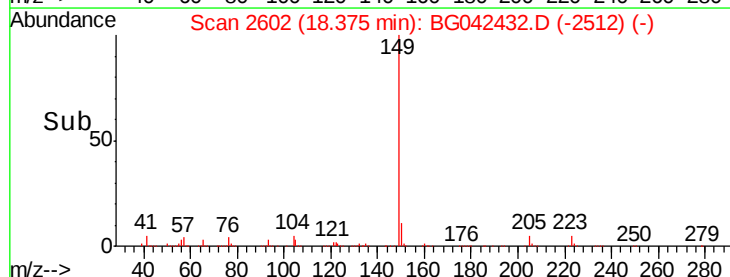
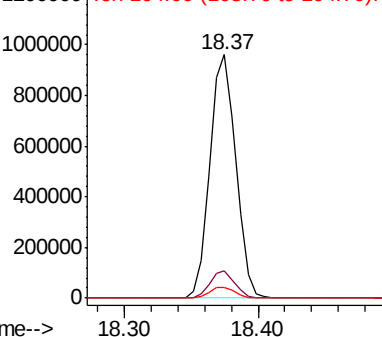


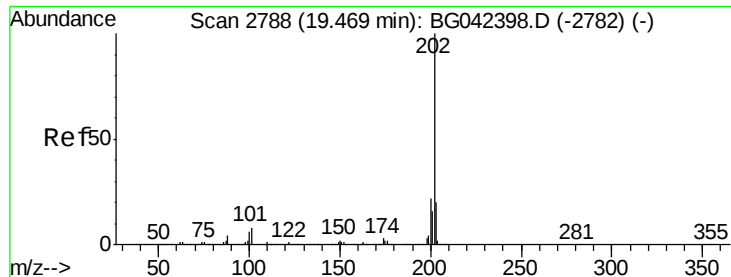
Abundance

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: 40.300 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Instrument :

BNA_G

ClientSampleId :

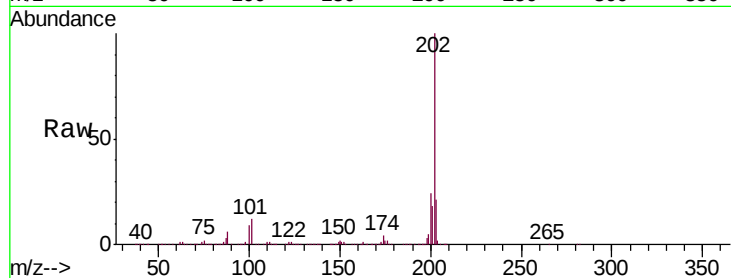
Tot Ion:202 Resp: 1432602

Ion Ratio Lower Upper

202 100

101 12.2 0.0 28.3

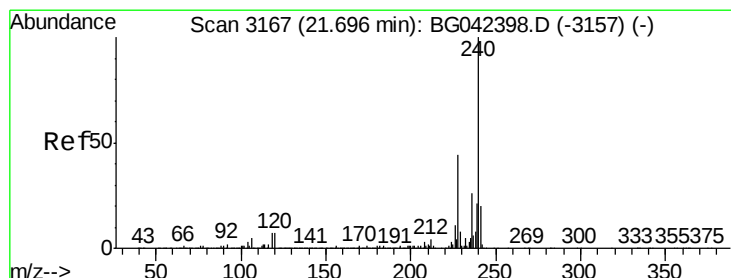
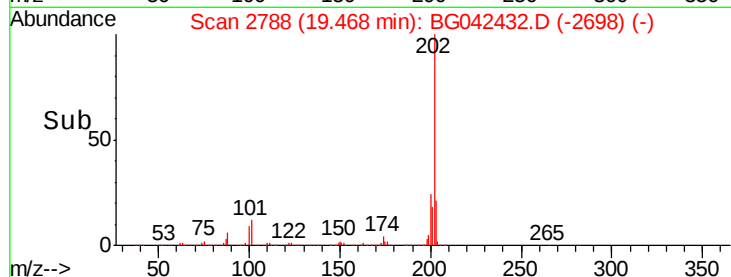
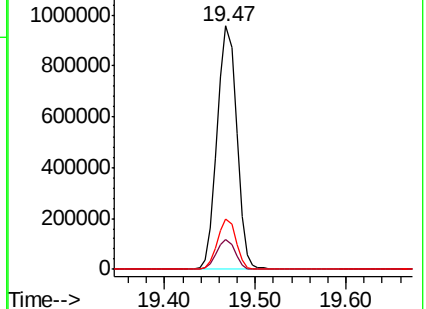
203 20.7 0.0 39.6



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: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

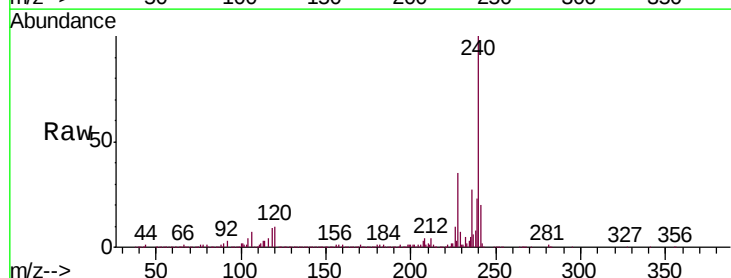
Tgt Ion:240 Resp: 563861

Ion Ratio Lower Upper

240 100

120 10.3 5.7 8.5#

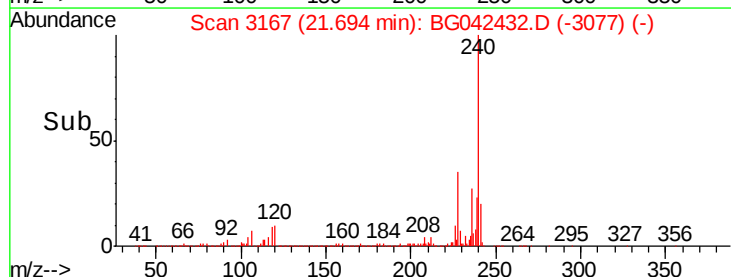
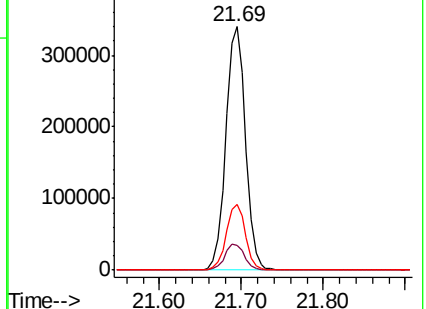
236 26.8 21.0 31.4

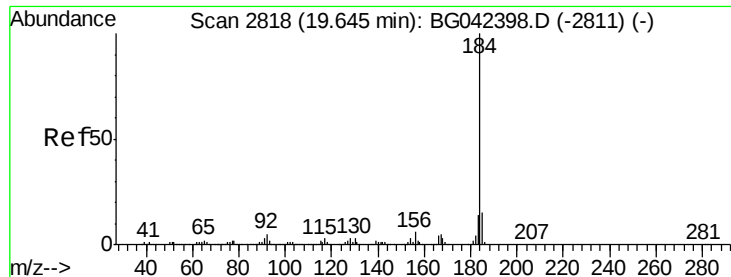


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 55.924 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

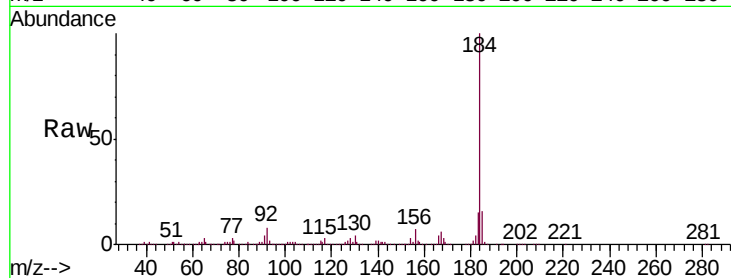
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 904067

Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.2	18.4
183	14.5	10.8	16.2

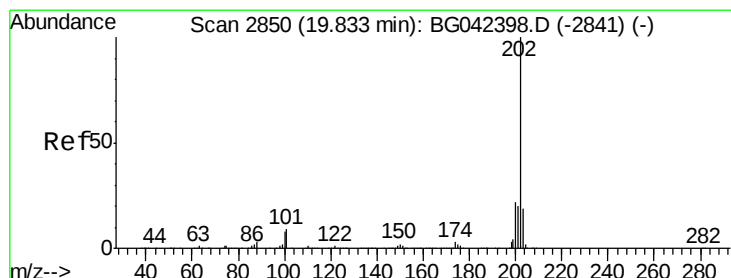
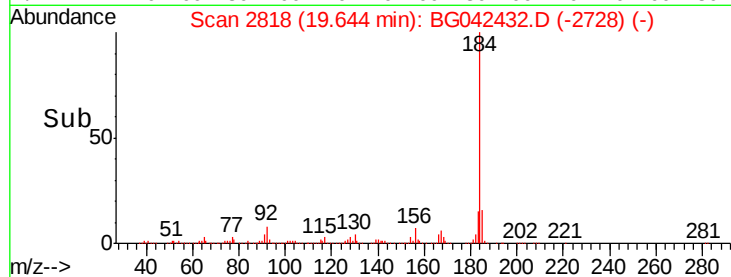
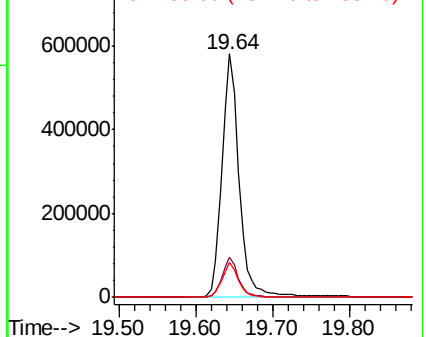


Abundance

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



#78

Pyrene

Concen: 41.384 ng

RT: 19.83 min Scan# 2850

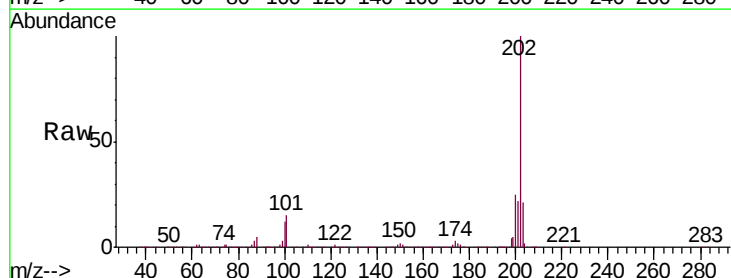
Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Tgt Ion:202 Resp: 1430647

Ion	Ratio	Lower	Upper
202	100		
200	24.8	17.8	26.6
203	21.1	15.5	23.3

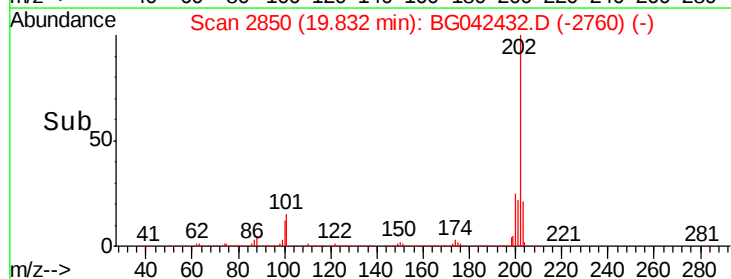
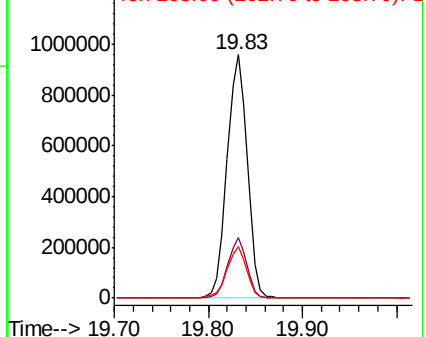


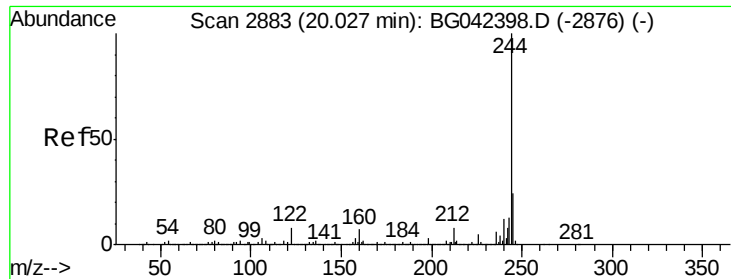
Abundance

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





#79

Terphenyl-d14

Concen: 62.672 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Instrument :

BNA_G

ClientSampleId :

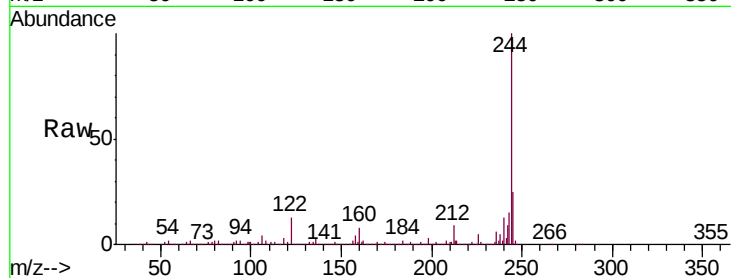
Tot Ion:244 Resp: 1634570

Ion Ratio Lower Upper

244 100

212 8.5 6.0 9.0

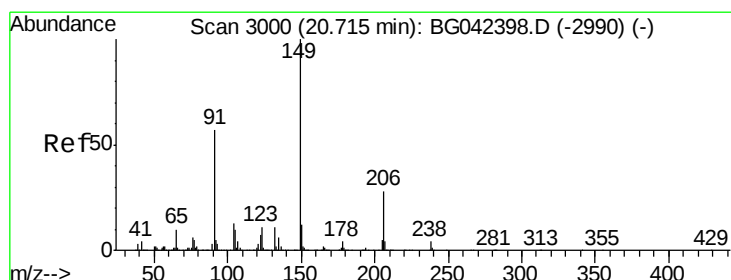
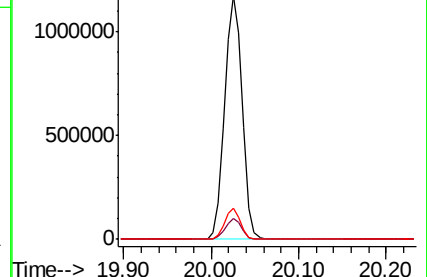
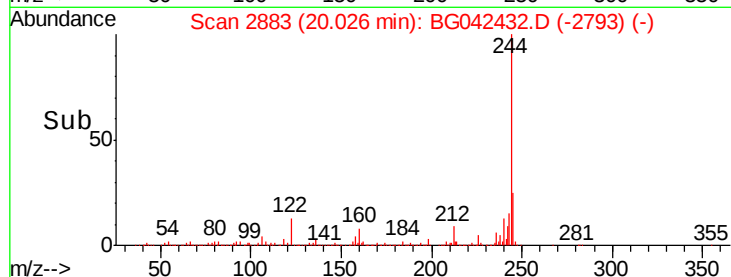
122 12.7 6.7 10.1#



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: 45.301 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

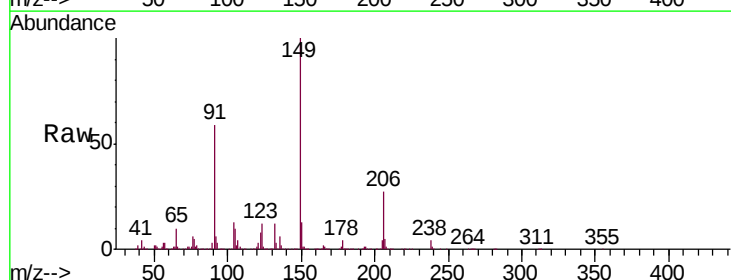
Tgt Ion:149 Resp: 615968

Ion Ratio Lower Upper

149 100

91 59.4 45.9 68.9

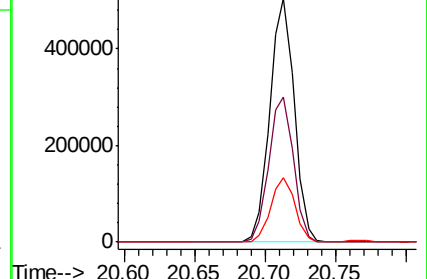
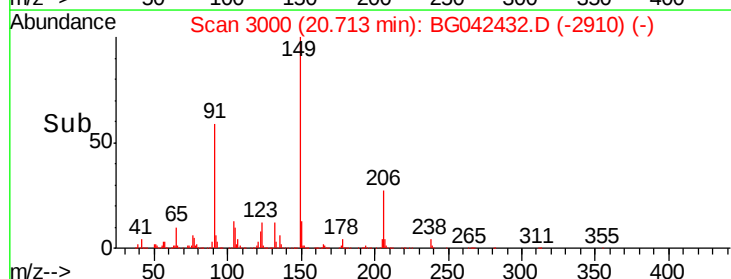
206 26.7 22.5 33.7



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: 39.937 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

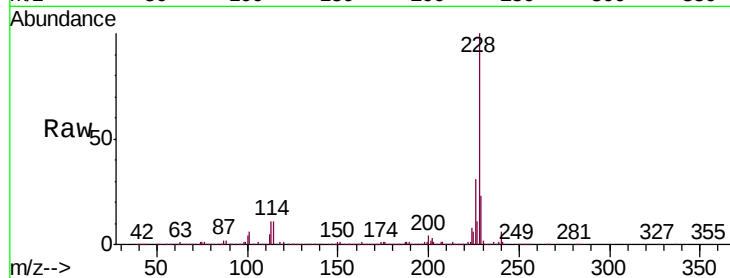
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1369867

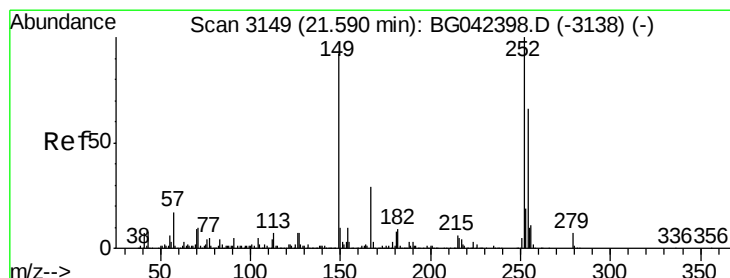
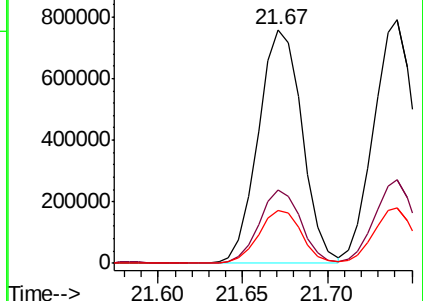
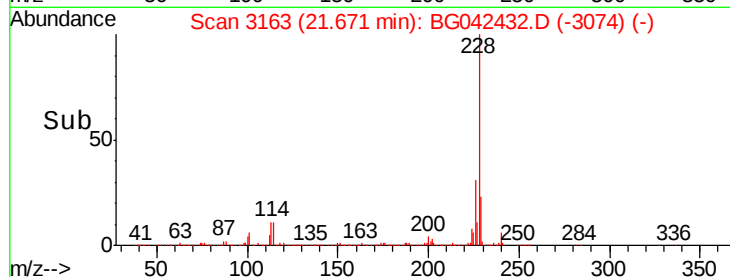
Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.4	35.2
229	22.9	17.4	26.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.793 ng

RT: 21.58 min Scan# 3148

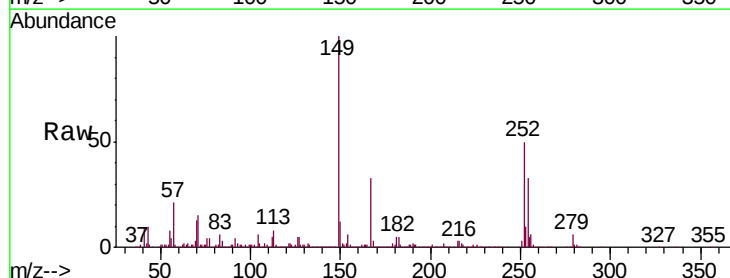
Delta R.T. -0.01 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Tgt Ion:252 Resp: 397208

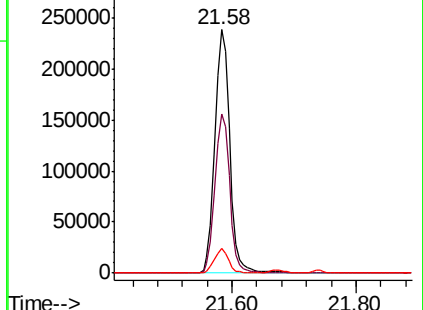
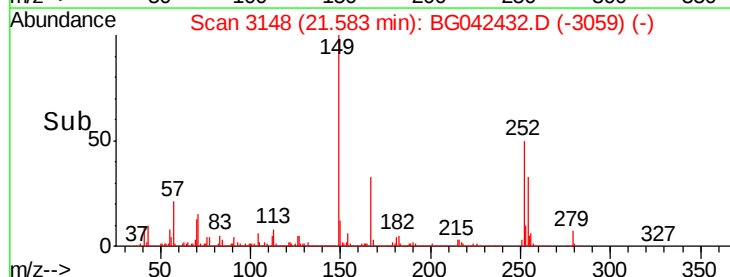
Ion	Ratio	Lower	Upper
252	100		
254	65.2	53.0	79.4
126	9.9	5.7	8.5#

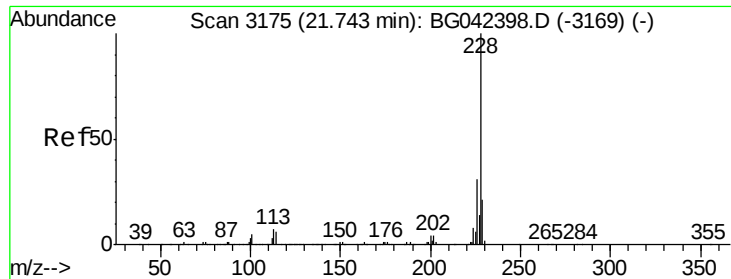


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

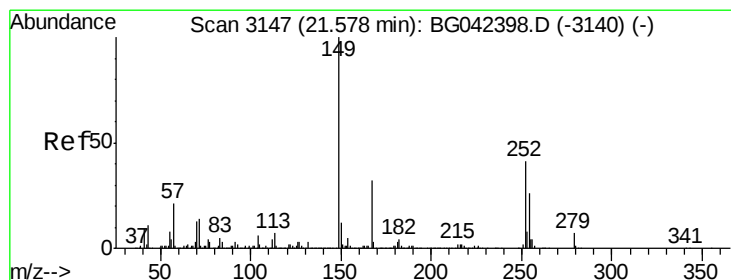
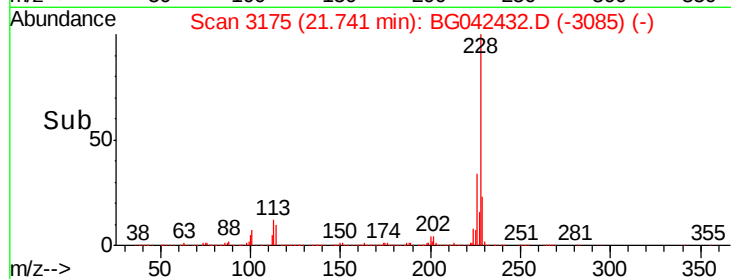
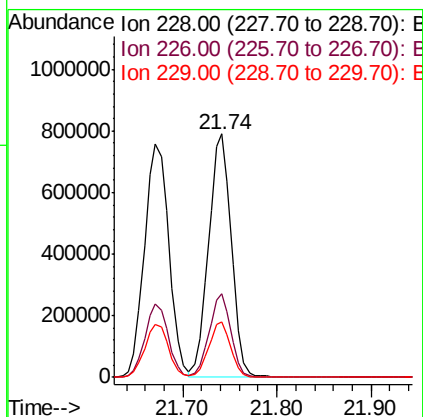
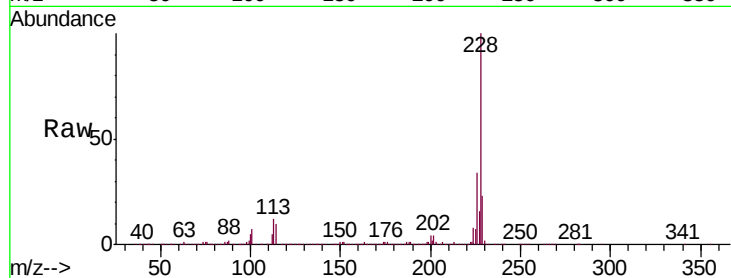




#83
 Chrvsene
 Concen: 40.459 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.00 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

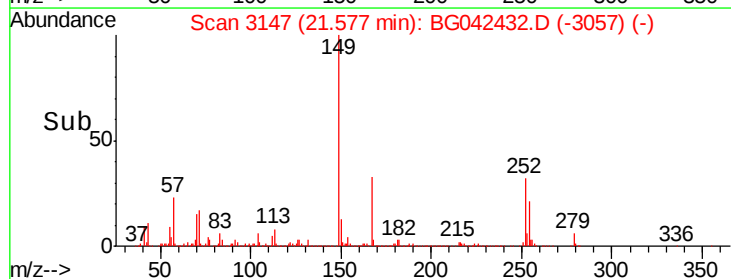
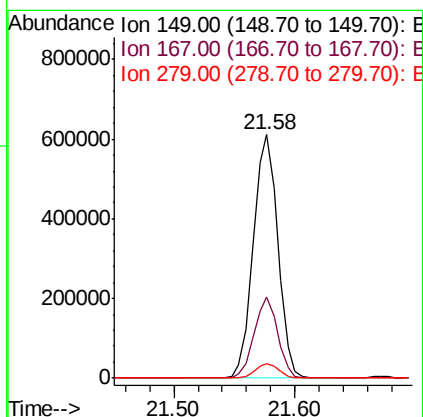
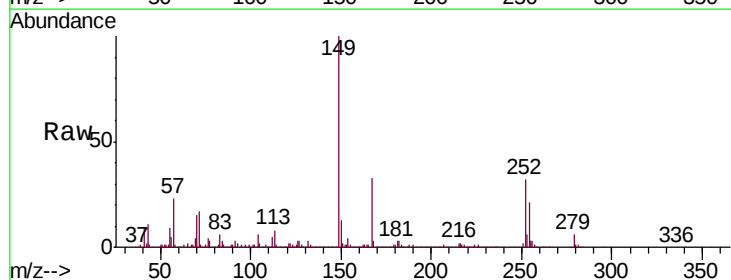
Instrument :
 BNA_G
 ClientSampleId :

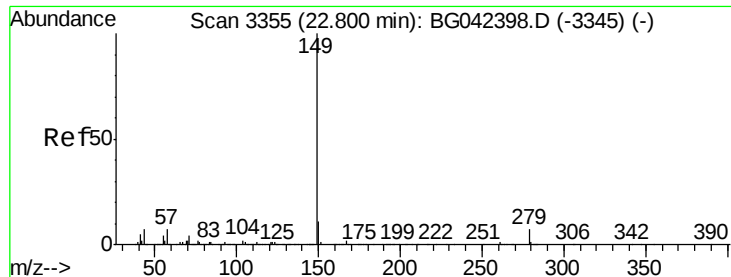
Tot Ion:228 Resp: 1338383
 Ion Ratio Lower Upper
 228 100
 226 34.1 24.9 37.3
 229 22.6 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.799 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG042432.D
 Acq: 23 Aug 2019 13:38

Tgt Ion:149 Resp: 864625
 Ion Ratio Lower Upper
 149 100
 167 33.3 26.0 39.0
 279 6.1 5.4 8.0





#85

Di-n-octyl phthalate

Concen: 45.762 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Instrument :

BNA_G

ClientSampled :

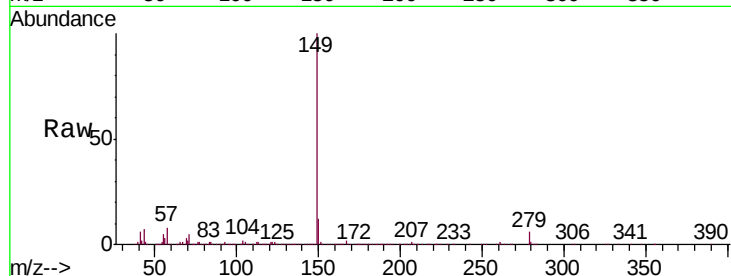
Tot Ion:149 Resp: 1485898

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

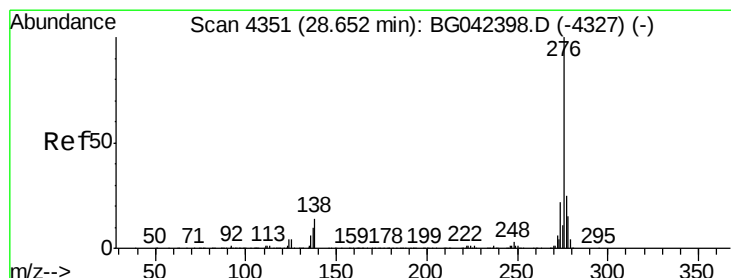
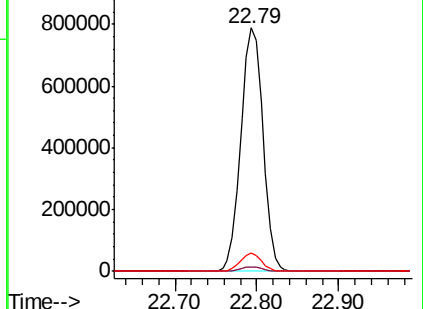
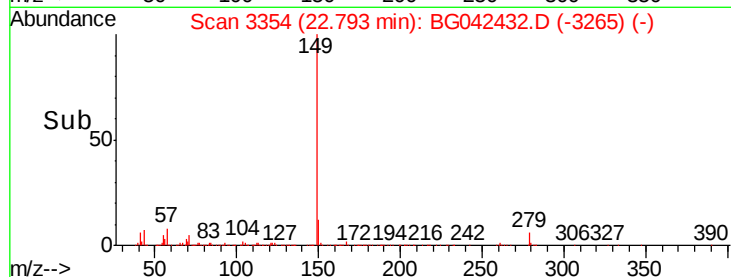
43 7.0 5.3 7.9



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: 32.137 ng

RT: 28.65 min Scan# 4350

Delta R.T. -0.01 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

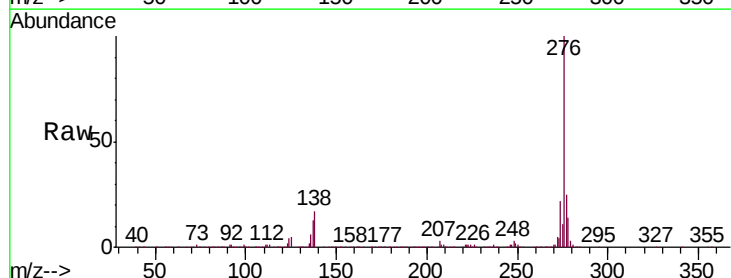
Tgt Ion:276 Resp: 1444699

Ion Ratio Lower Upper

276 100

138 21.1 9.2 13.8#

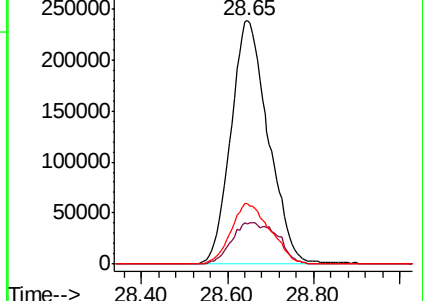
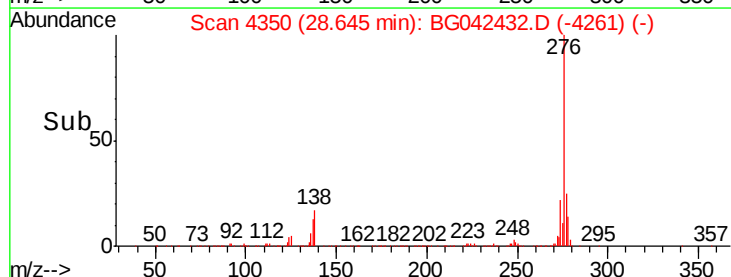
277 26.3 21.0 31.6

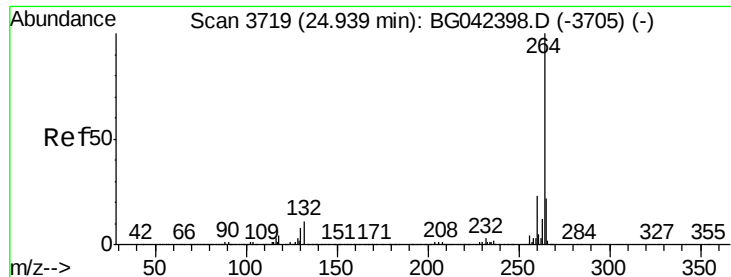


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG042432.D

Acq: 23 Aug 2019 13:38

Instrument :

BNA_G

ClientSampleId :

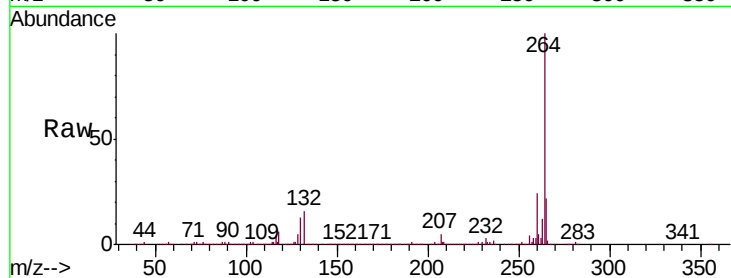
Tot Ion:264 Resp: 638681

Ion Ratio Lower Upper

264 100

260 24.0 18.5 27.7

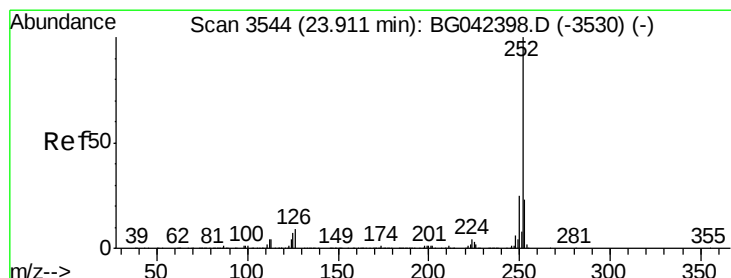
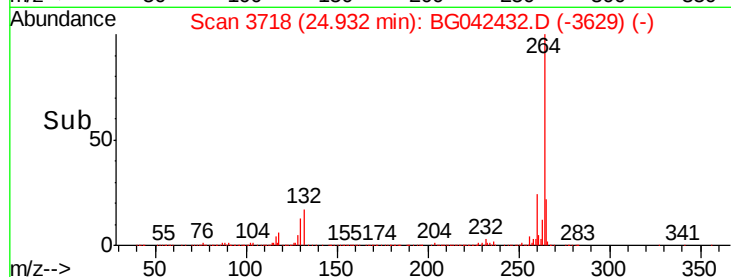
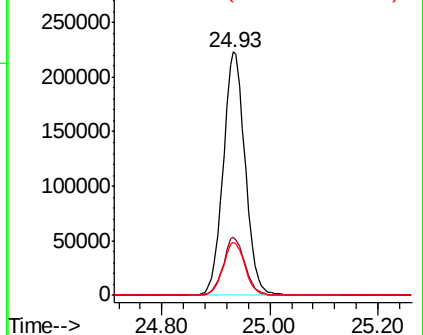
265 21.7 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.307 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

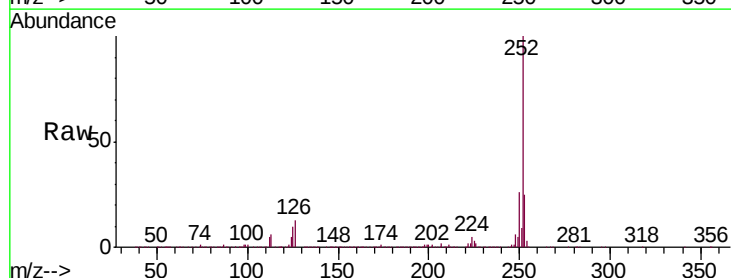
Tgt Ion:252 Resp: 1450392

Ion Ratio Lower Upper

252 100

253 24.6 18.6 27.8

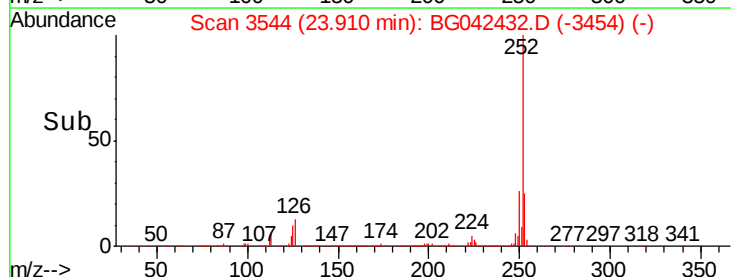
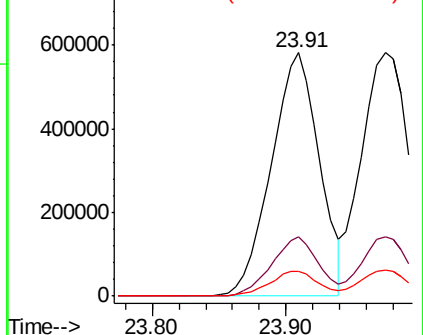
125 10.4 5.6 8.4#

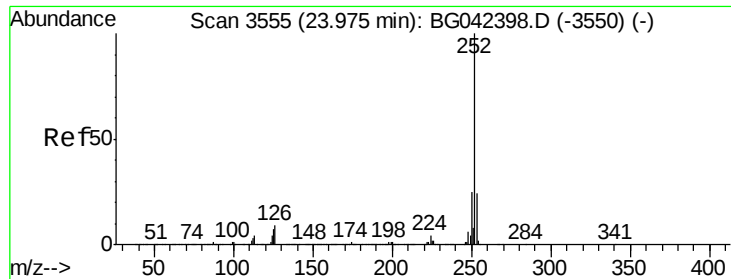


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.622 ng

RT: 23.97 min Scan# 3555

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

Instrument :

BNA_G

ClientSampleId :

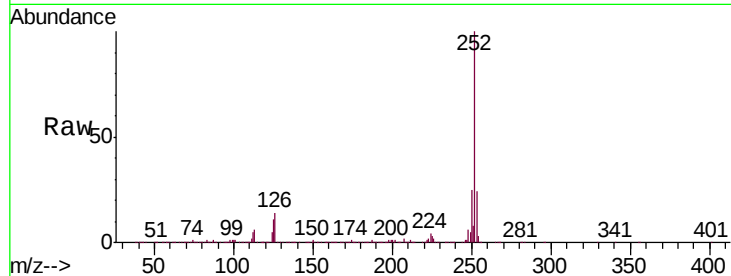
Tot Ion:252 Resp: 1438524

Ion Ratio Lower Upper

252 100

253 24.4 18.6 27.8

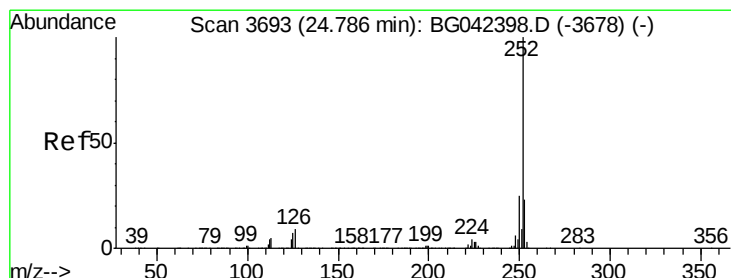
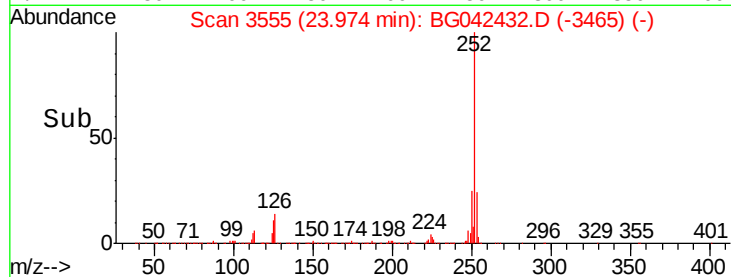
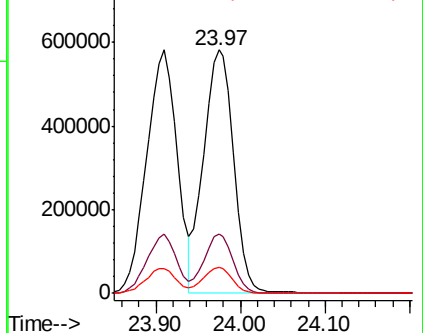
125 10.6 5.8 8.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.282 ng

RT: 24.78 min Scan# 3693

Delta R.T. -0.00 min

Lab File: BG042432.D

Acq: 23 Aug 2019 13:38

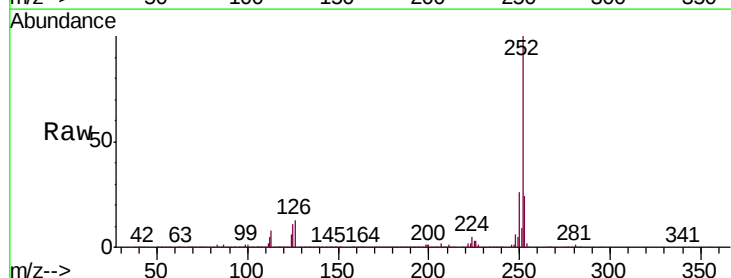
Tgt Ion:252 Resp: 1442105

Ion Ratio Lower Upper

252 100

253 24.4 18.4 27.6

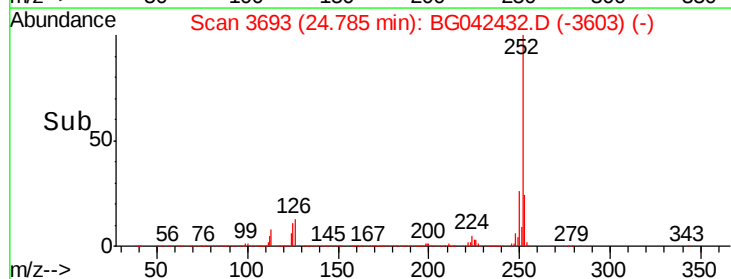
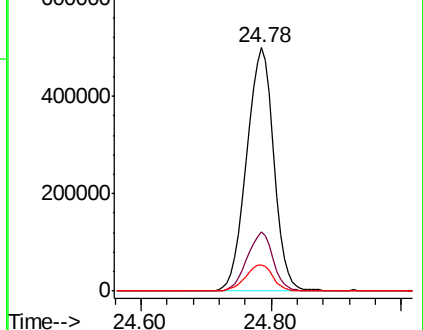
125 10.9 6.0 9.0#

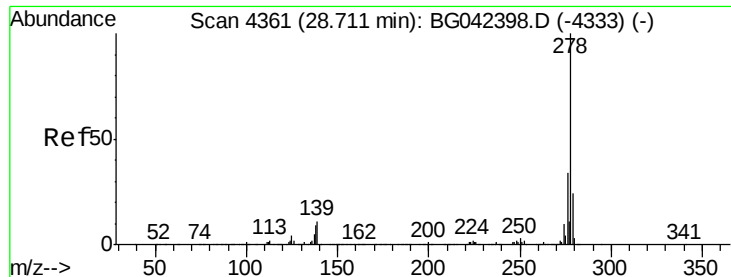


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

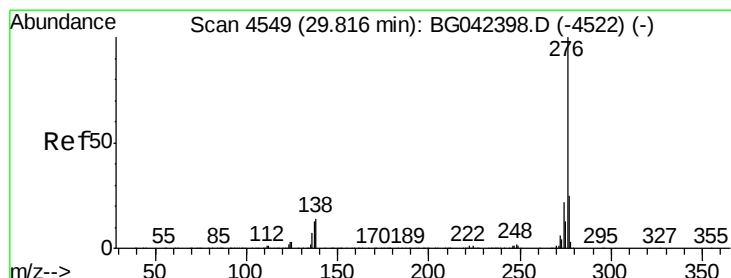
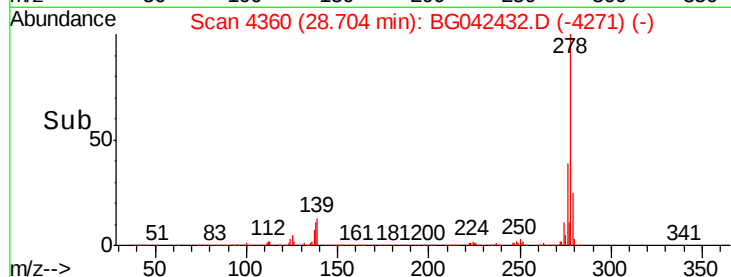
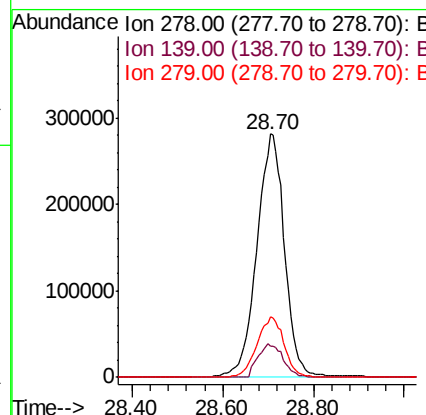
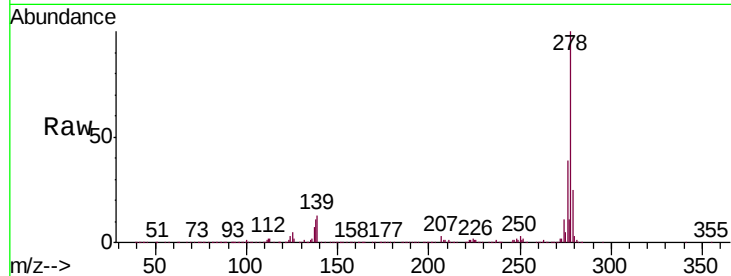




#91
Dibenzo(a,h)anthracene
Concen: 35.390 ng
RT: 28.70 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1193905
Ion Ratio Lower Upper
278 100
139 13.0 8.8 13.2
279 24.9 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 35.302 ng
RT: 29.81 min Scan# 4548
Delta R.T. -0.01 min
Lab File: BG042432.D
Acq: 23 Aug 2019 13:38

Tgt Ion:276 Resp: 1191118
Ion Ratio Lower Upper
276 100
277 24.5 19.8 29.8
138 18.1 11.4 17.0#

