

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042424.D
 Acq On : 23 Aug 2019 8:29
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 23 17:20:56 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	94726	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	338408	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	229332	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	482724	20.00	ng	0.00
76) Chrysene-d12	21.69	240	439244	20.00	ng	0.00
87) Perylene-d12	24.94	264	523560	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	404878	86.57	ng	0.00
7) Phenol-d6	7.17	99	538755	85.28	ng	0.00
23) Nitrobenzene-d5	9.17	82	456109	93.14	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	249795	76.63	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1085790	80.08	ng	0.00
79) Terphenyl-d14	20.03	244	1598707	78.69	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	87024	44.585	ng	98
3) Pyridine	3.83	79	237370	47.426	ng	98
4) n-Nitrosodimethylamine	3.74	42	69681	38.980	ng	78
6) Aniline	7.32	93	360941	42.834	ng	100
8) 2-Chlorophenol	7.57	128	235740	41.589	ng	97
9) Benzaldehyde	7.13	77	127954	40.454	ng	96
10) Phenol	7.19	94	278304	43.325	ng	95
11) bis(2-Chloroethyl)ether	7.42	93	224063	44.415	ng	98
12) 1,3-Dichlorobenzene	7.89	146	293533	40.707	ng	97
13) 1,4-Dichlorobenzene	8.04	146	292746	40.080	ng	99
14) 1,2-Dichlorobenzene	8.36	146	277999	39.744	ng	98
15) Benzyl Alcohol	8.24	79	177908	39.141	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	296224	43.322	ng	98
17) 2-Methylphenol	8.46	107	196042	41.435	ng	94
18) Hexachloroethane	9.10	117	101728	40.683	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	165662	40.474	ng	98
20) 3+4-Methylphenols	8.78	107	273747	41.813	ng	96
22) Acetophenone	8.83	105	339501	46.906	ng	# 98
24) Nitrobenzene	9.21	77	232371	46.859	ng	99
25) Isophorone	9.74	82	443965	45.938	ng	98
26) 2-Nitrophenol	9.93	139	140307	45.149	ng	99
27) 2,4-Dimethylphenol	9.99	122	193127	45.115	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	286255	46.994	ng	100
29) 2,4-Dichlorophenol	10.48	162	227256	40.576	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	264888	38.532	ng	97
31) Naphthalene	10.88	128	666415	42.416	ng	99
32) Benzoic acid	10.14	122	123245	41.088	ng	98
33) 4-Chloroaniline	10.98	127	298490	41.155	ng	99
34) Hexachlorobutadiene	11.16	225	167988	36.360	ng	99
35) Caprolactam	11.76	113	71792	38.415	ng	97
36) 4-Chloro-3-methylphenol	12.12	107	200079	37.632	ng	98
37) 2-Methylnaphthalene	12.49	142	509029	40.349	ng	99
38) 1-Methylnaphthalene	12.71	142	451885	37.710	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	276616	37.560	ng	98

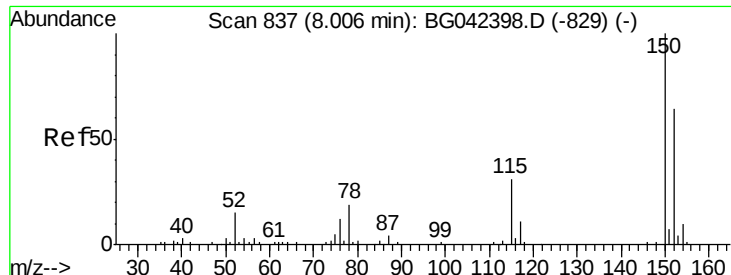
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042424.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	137984	35.668	ng	94
43) 2,4,6-Trichlorophenol	13.10	196	208057	41.795	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	203399	39.429	ng	97
46) 1,1'-Biphenyl	13.50	154	599732	40.456	ng	99
47) 2-Chloronaphthalene	13.54	162	520848	40.747	ng	97
48) 2-Nitroaniline	13.74	65	123794	40.162	ng	99
49) Acenaphthylene	14.38	152	778978	40.507	ng	98
50) Dimethylphthalate	14.11	163	629773	38.059	ng	99
51) 2,6-Dinitrotoluene	14.23	165	149584	39.000	ng	98
52) Acenaphthene	14.73	154	481231	41.211	ng	100
53) 3-Nitroaniline	14.57	138	161379	42.071	ng	97
54) 2,4-Dinitrophenol	14.78	184	73684	32.530	ng	97
55) Dibenzofuran	15.06	168	765611	39.609	ng	99
56) 4-Nitrophenol	14.89	139	113887	41.783	ng	91
57) 2,4-Dinitrotoluene	15.03	165	210926	38.403	ng	98
58) Fluorene	15.71	166	618161	39.123	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	184862	36.237	ng	97
60) Diethylphthalate	15.48	149	630231	38.962	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	354960	37.267	ng	99
62) 4-Nitroaniline	15.73	138	169006	41.167	ng	93
63) Azobenzene	16.00	77	459954	41.497	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	116668	38.549	ng	97
66) n-Nitrosodiphenylamine	15.92	169	588648	44.342	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	240705	39.311	ng	97
68) Hexachlorobenzene	16.73	284	257151	38.633	ng	# 93
69) Atrazine	16.86	200	166698	35.509	ng	99
70) Pentachlorophenol	17.07	266	130213	37.651	ng	98
71) Phenanthrene	17.46	178	985249	41.090	ng	98
72) Anthracene	17.55	178	975000	40.732	ng	99
73) Carbazole	17.82	167	888279	41.638	ng	99
74) Di-n-butylphthalate	18.37	149	1034731	41.031	ng	99
75) Fluoranthene	19.47	202	1137411	38.869	ng	98
77) Benzidine	19.65	184	461979	36.684	ng	99
78) Pyrene	19.83	202	1135604	42.169	ng	98
80) Butylbenzylphthalate	20.71	149	565116	53.353	ng	94
81) Benzo(a)anthracene	21.67	228	1109988	41.541	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	428925	39.914	ng	98
83) Chrysene	21.75	228	1096307	42.543	ng	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	651867	44.325	ng	100
85) Di-n-octyl phthalate	22.80	149	1101151	43.534	ng	99
86) Indeno(1,2,3-cd)pyrene	28.66	276	1368056	39.066	ng	# 93
88) Benzo(b)fluoranthene	23.91	252	1147024	39.850	ng	98
89) Benzo(k)fluoranthene	23.98	252	1123251	40.599	ng	98
90) Benzo(a)pyrene	24.79	252	1118036	40.934	ng	# 98
91) Dibenzo(a,h)anthracene	28.71	278	1136186	41.085	ng	97
92) Benzo(g,h,i)perylene	29.82	276	1112117	40.208	ng	98

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

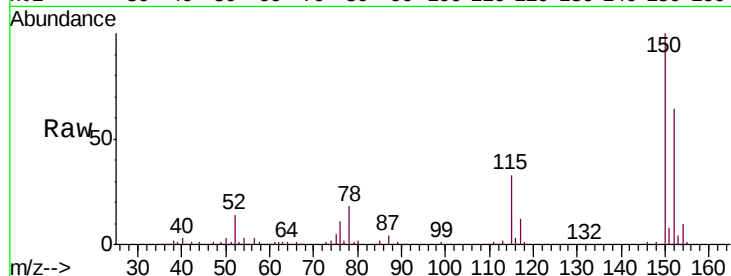


#1

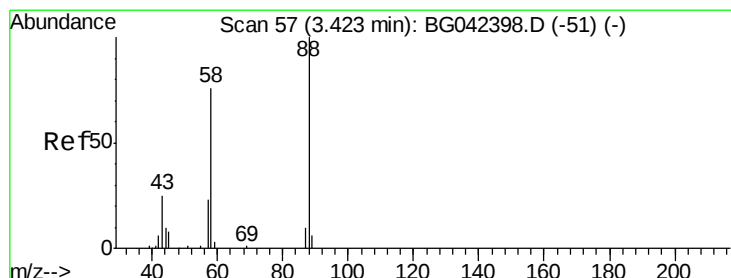
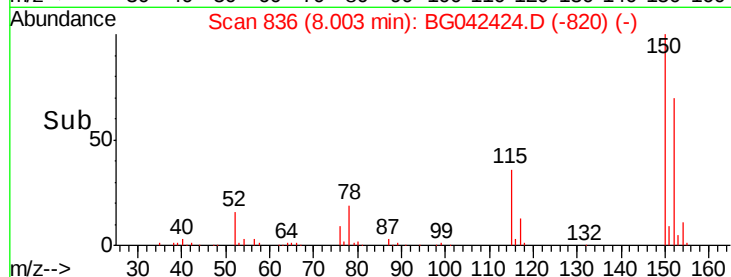
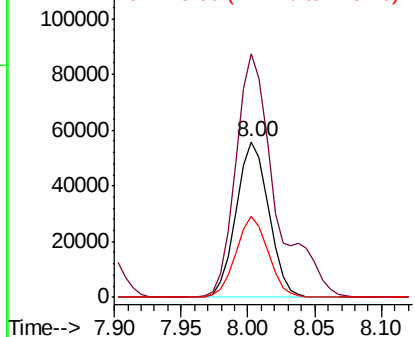
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 94726
Ion Ratio Lower Upper
152 100
150 156.2 125.4 188.0
115 51.6 38.5 57.7



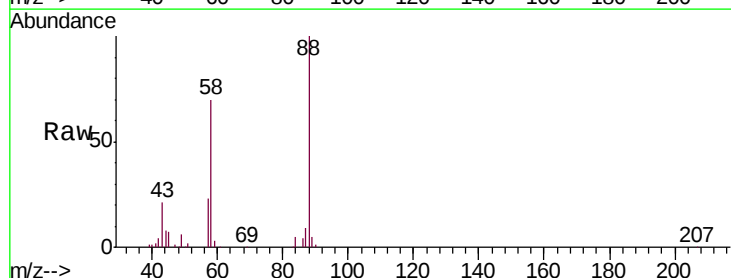
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



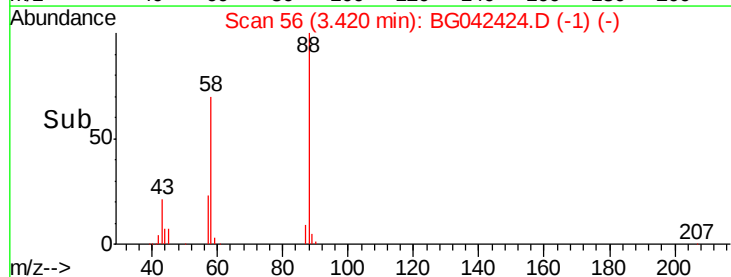
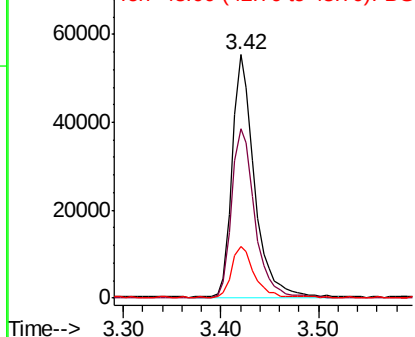
#2

1,4-Dioxane
Concen: 44.585 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Tgt Ion: 88 Resp: 87024
Ion Ratio Lower Upper
88 100
58 73.7 58.3 87.5
43 22.9 20.2 30.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 47.426 ng

RT: 3.83 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

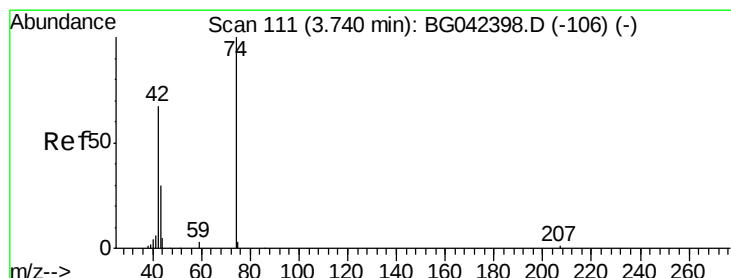
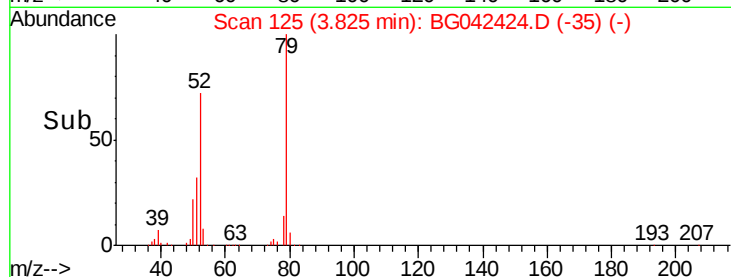
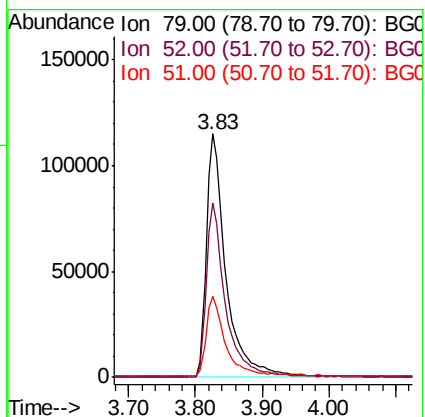
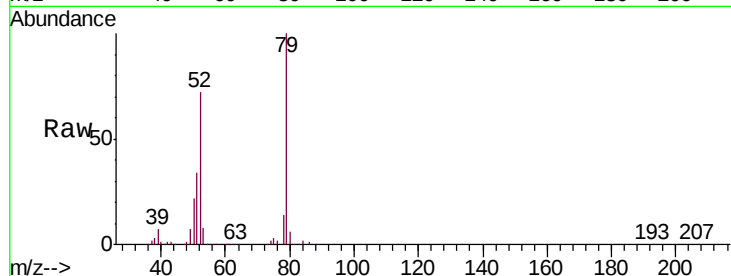
Tot Ion: 79 Resp: 237370

Ion Ratio Lower Upper

79 100

52 71.7 57.7 86.5

51 33.5 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 38.980 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

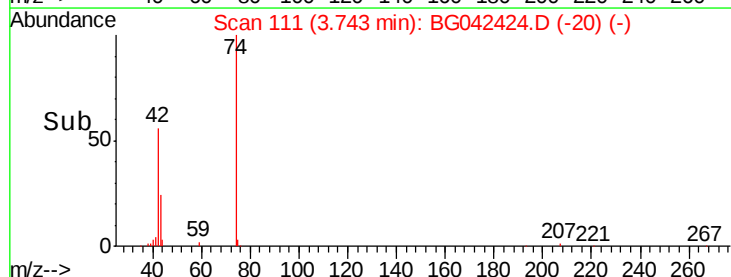
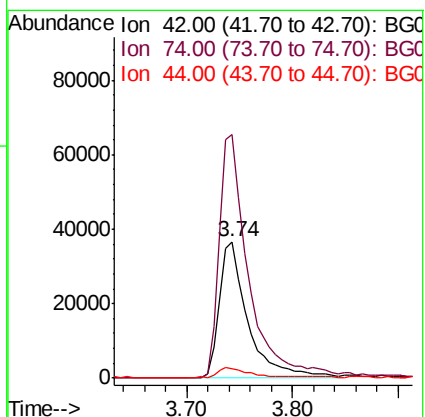
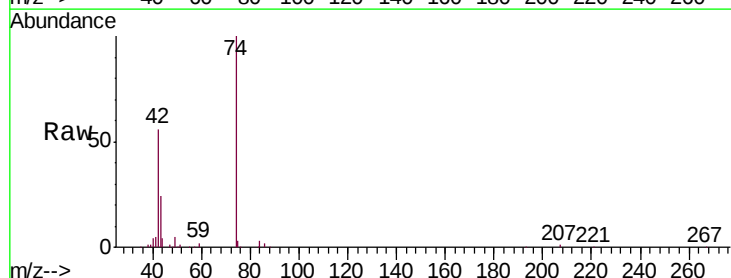
Tgt Ion: 42 Resp: 69681

Ion Ratio Lower Upper

42 100

74 178.1 119.6 179.4

44 7.1 6.5 9.7





#5

2-Fluorophenol

Concen: 86.565 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

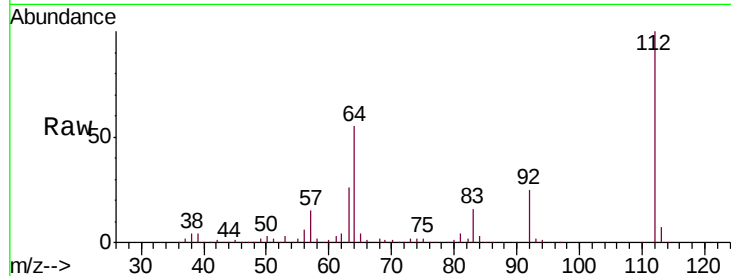
Tot Ion:112 Resp: 404878

Ion Ratio Lower Upper

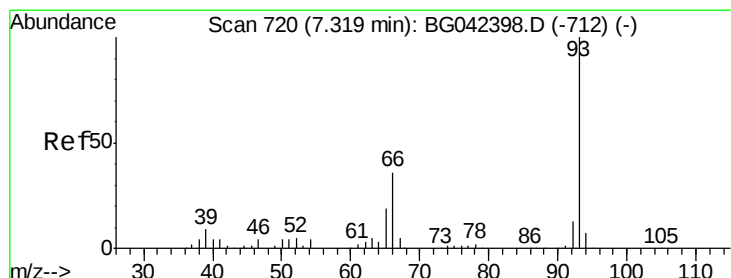
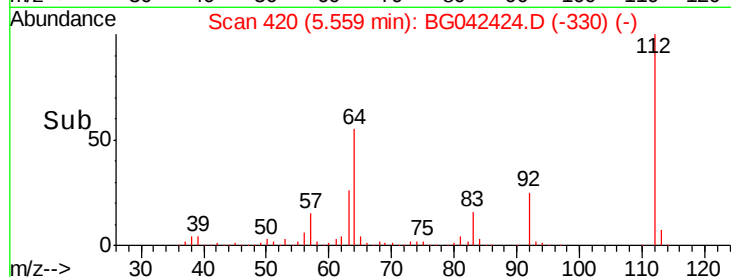
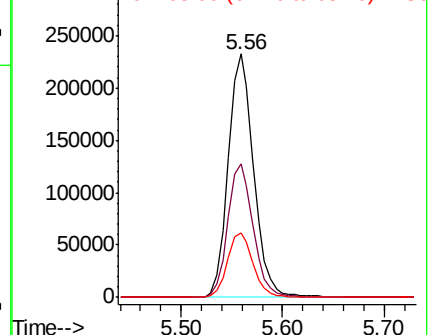
112 100

64 55.0 42.8 64.2

63 26.4 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: 42.834 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

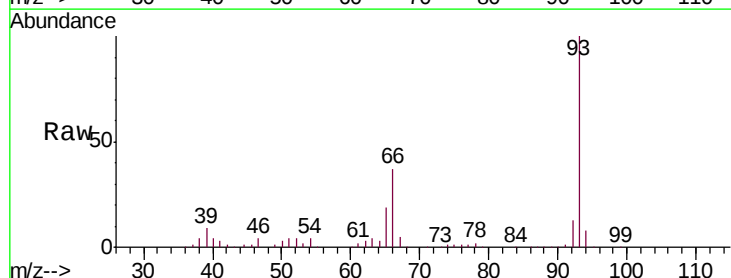
Tgt Ion: 93 Resp: 360941

Ion Ratio Lower Upper

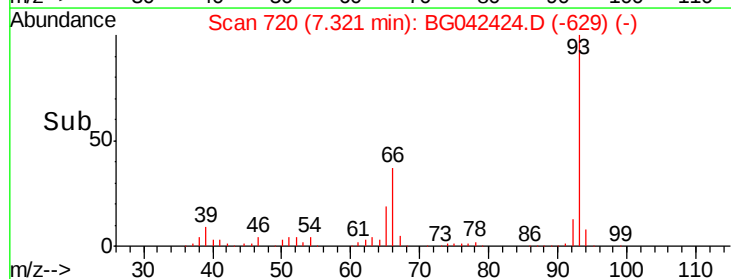
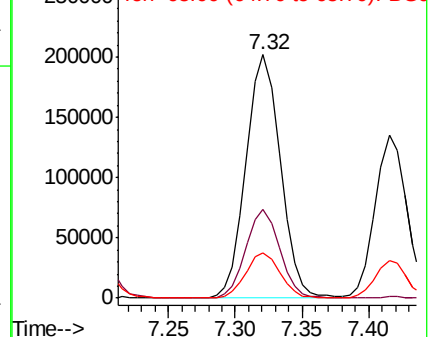
93 100

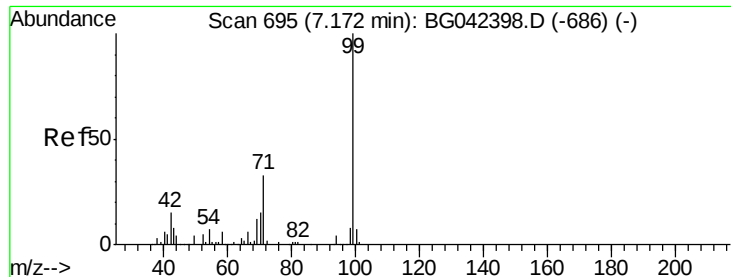
66 36.5 29.0 43.6

65 18.8 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: 85.276 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Instrument :

BNA_G

ClientSampled :

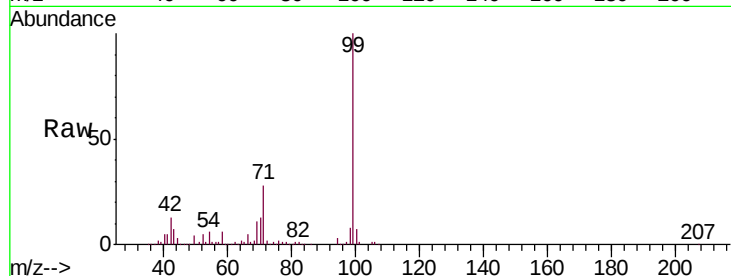
Tot Ion: 99 Resp: 538755

Ion Ratio Lower Upper

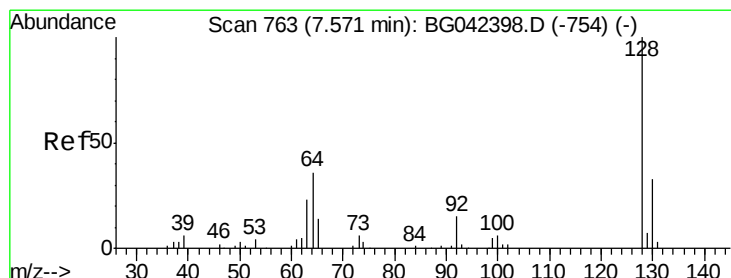
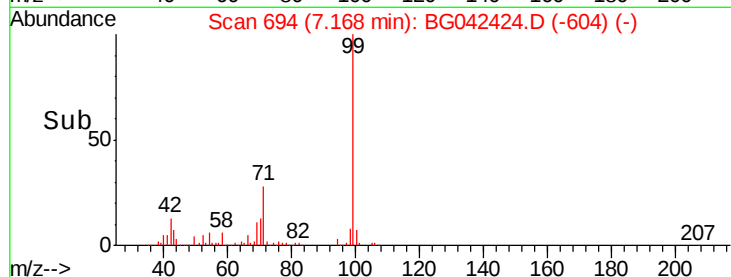
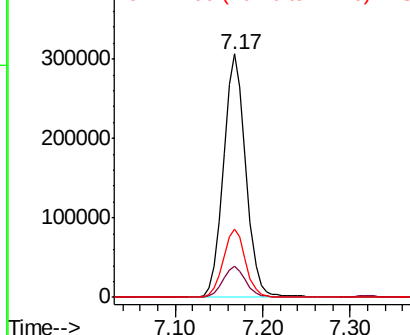
99 100

42 12.8 12.0 18.0

71 28.1 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: 41.589 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

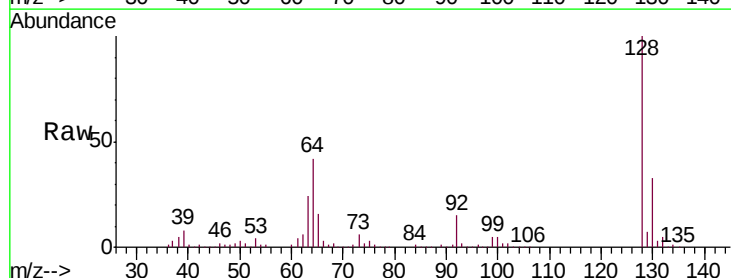
Tgt Ion: 128 Resp: 235740

Ion Ratio Lower Upper

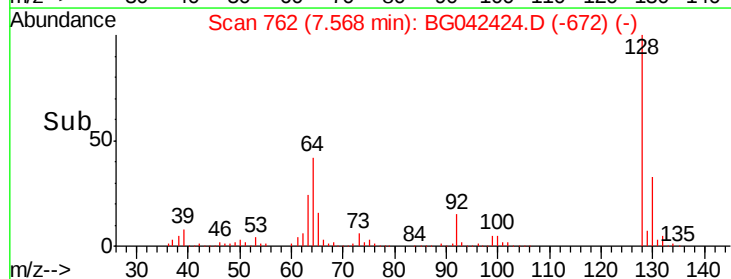
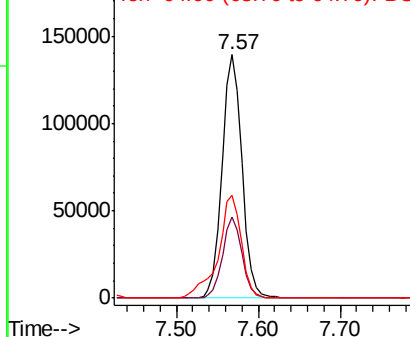
128 100

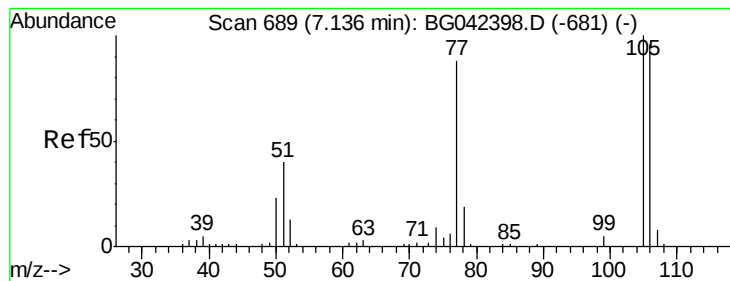
130 33.1 12.8 52.8

64 42.4 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: 40.454 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Instrument :

BNA_G

ClientSampled :

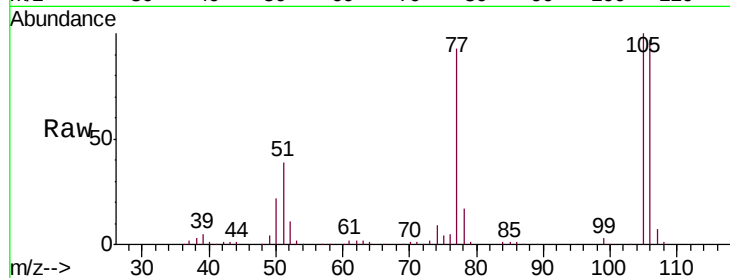
Tot Ion: 77 Resp: 127954

Ion Ratio Lower Upper

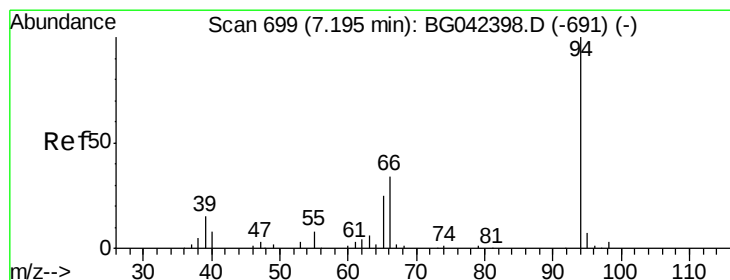
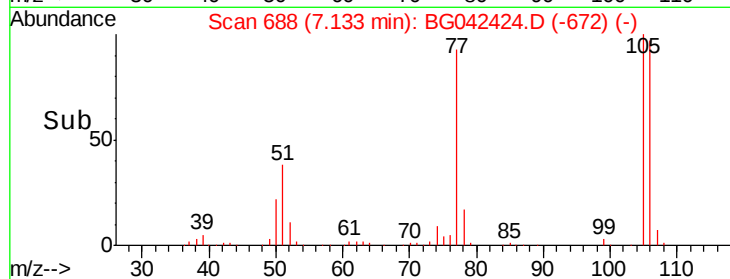
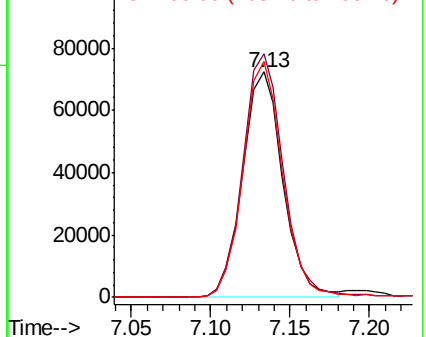
77 100

105 107.9 93.4 133.4

106 104.5 88.4 128.4



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



#10

Phenol

Concen: 43.325 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

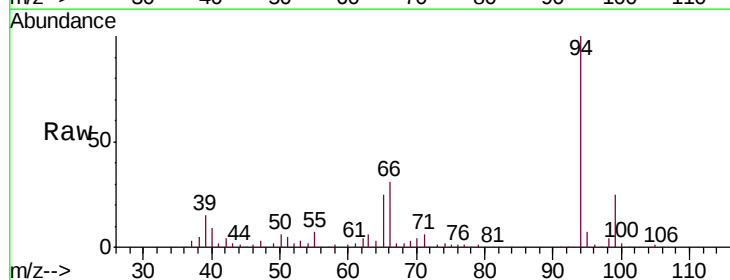
Tgt Ion: 94 Resp: 278304

Ion Ratio Lower Upper

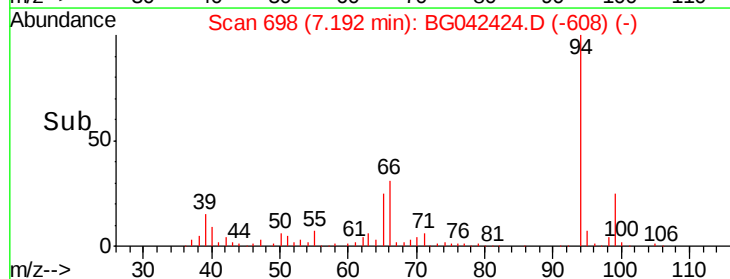
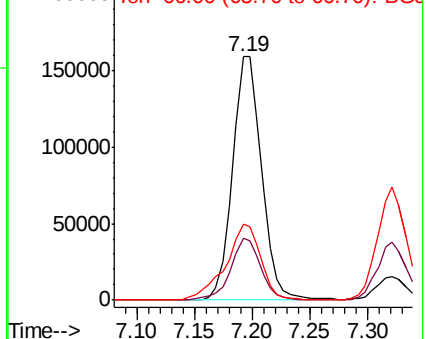
94 100

65 25.3 5.6 45.6

66 31.0 16.0 56.0



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





#11

bis(2-Chloroethyl)ether

Concen: 44.415 ng

RT: 7.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Instrument :

BNA_G

ClientSampled :

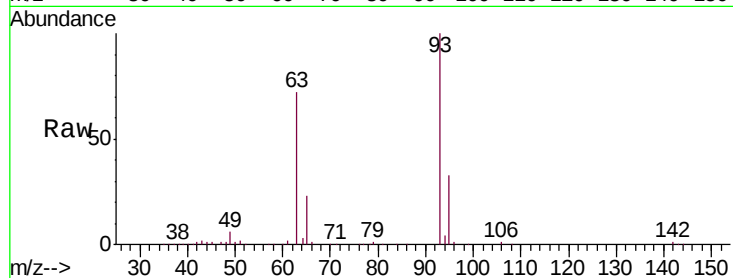
Tot Ion: 93 Resp: 224063

Ion Ratio Lower Upper

93 100

63 72.0 53.8 93.8

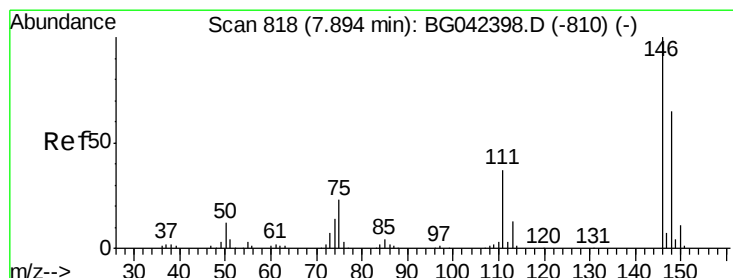
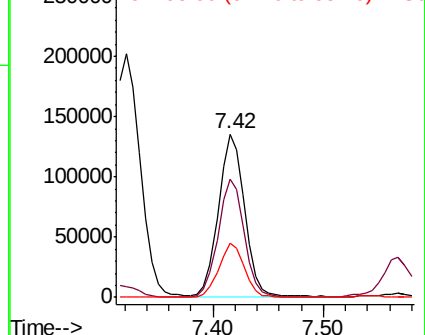
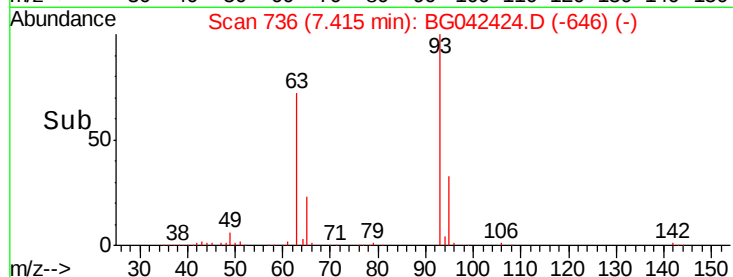
95 32.9 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 40.707 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

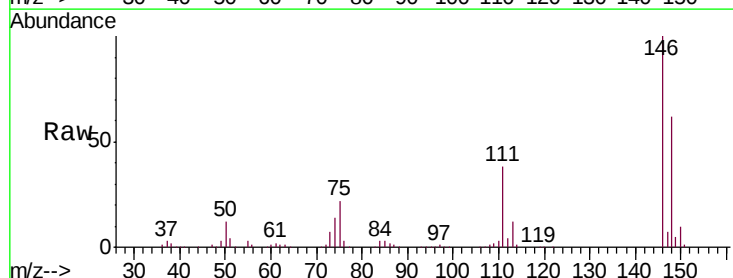
Tgt Ion: 146 Resp: 293533

Ion Ratio Lower Upper

146 100

148 62.4 52.2 78.2

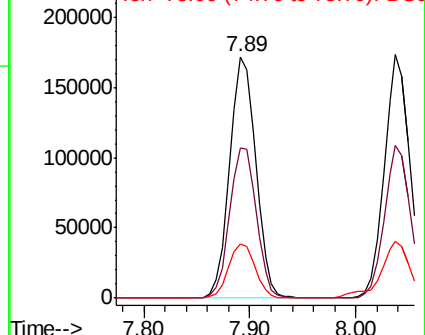
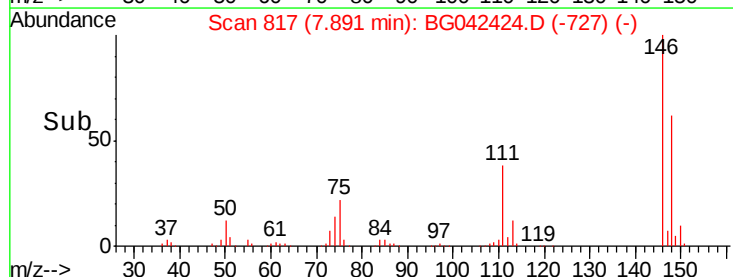
75 22.3 18.0 27.0

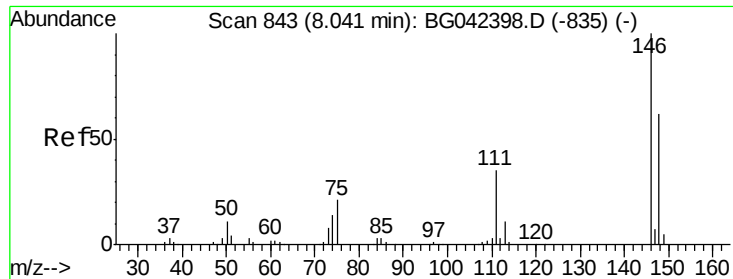


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC

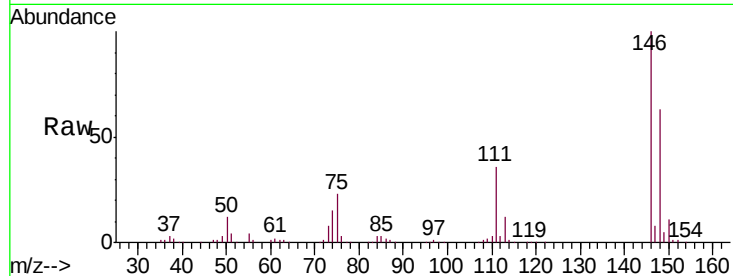




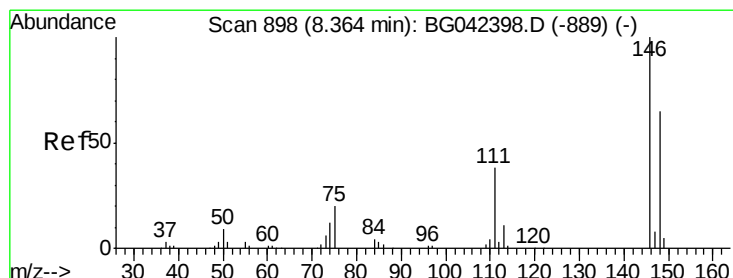
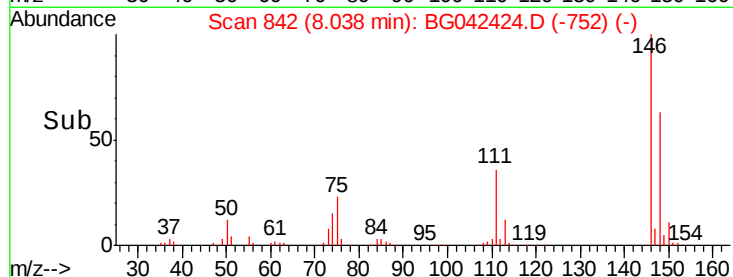
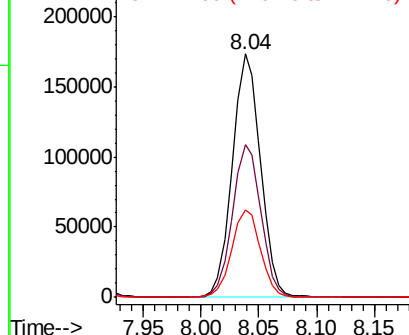
#13
 1,4-Dichlorobenzene
 Concen: 40.080 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG042424.D
 Acq: 23 Aug 2019 8:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	49.5	74.3
111	36.0	28.1	42.1

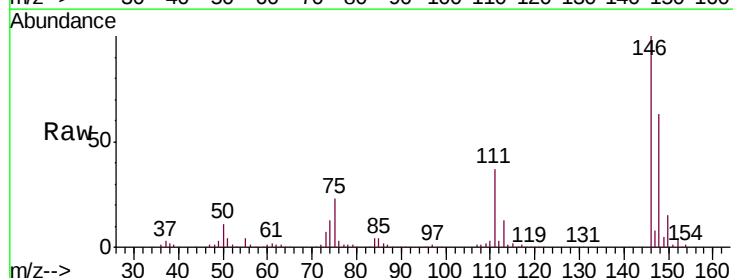


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

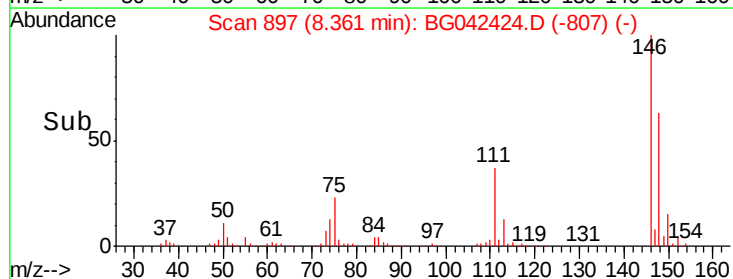
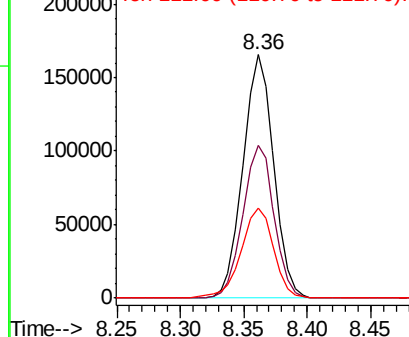


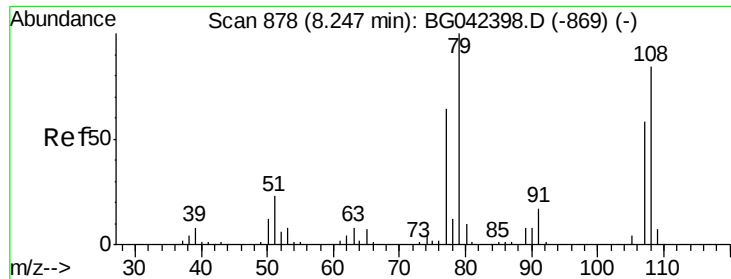
#14
 1,2-Dichlorobenzene
 Concen: 39.744 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG042424.D
 Acq: 23 Aug 2019 8:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.8	77.6
111	37.0	30.9	46.3



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





#15

Benzyl Alcohol

Concen: 39.141 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

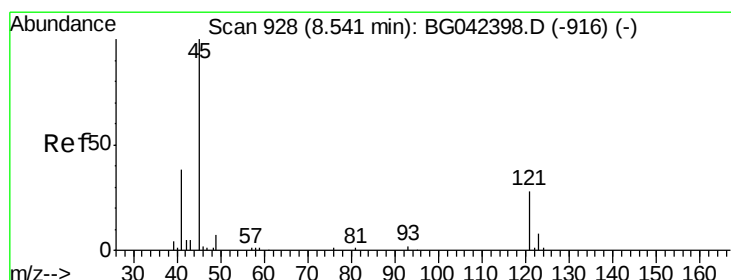
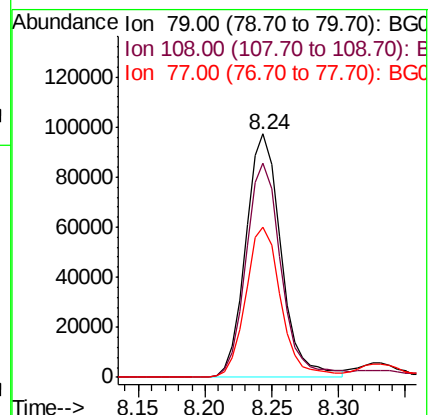
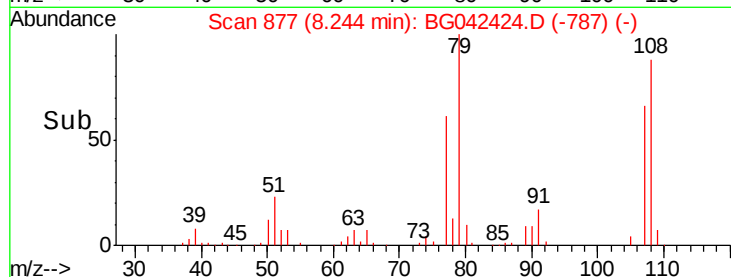
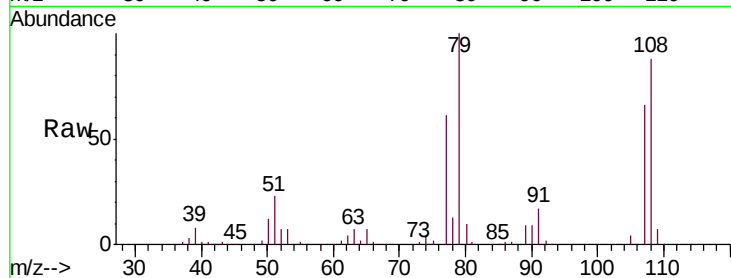
Tot Ion: 79 Resp: 177908

Ion Ratio Lower Upper

79 100

108 88.2 67.4 101.2

77 61.5 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.322 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

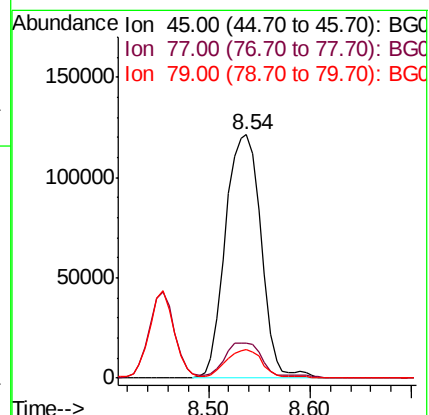
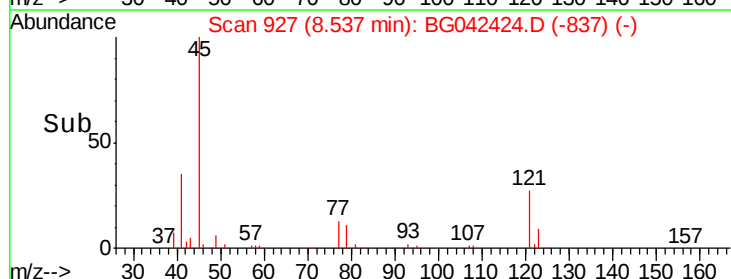
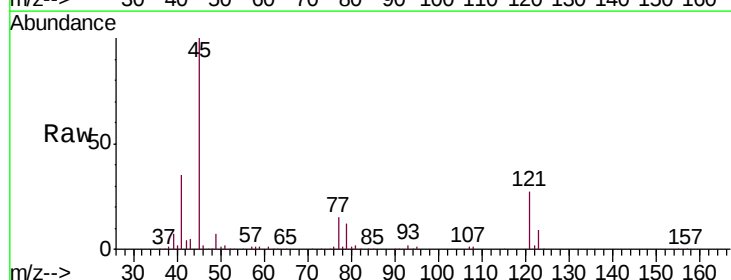
Tgt Ion: 45 Resp: 296224

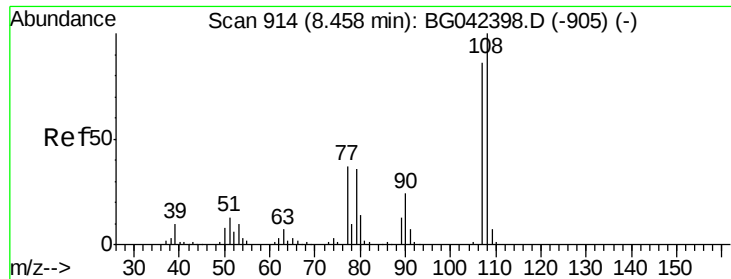
Ion Ratio Lower Upper

45 100

77 14.5 0.0 35.6

79 11.5 0.0 31.6

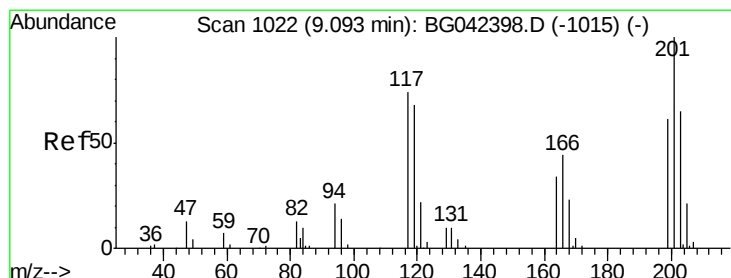
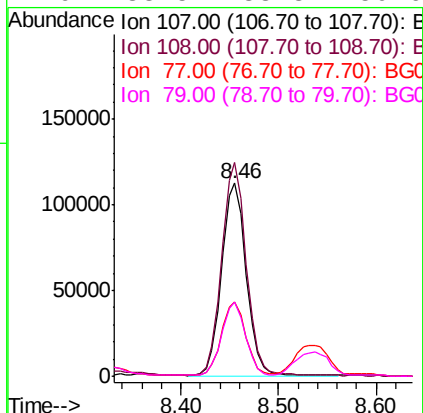
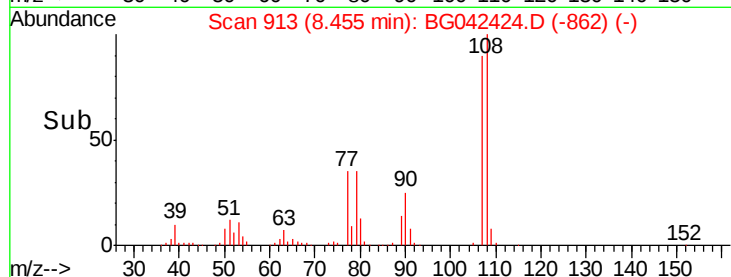
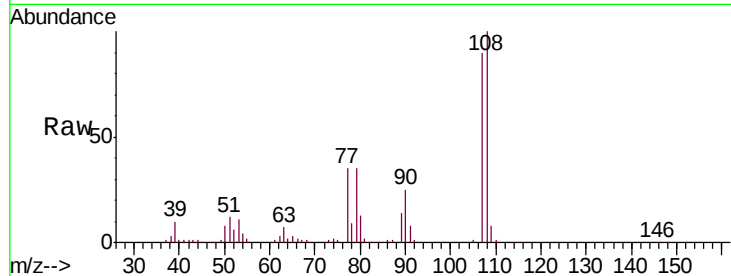




#17
2-Methylphenol
Concen: 41.435 ng
RT: 8.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

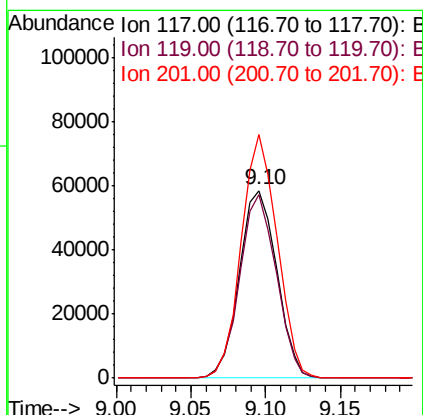
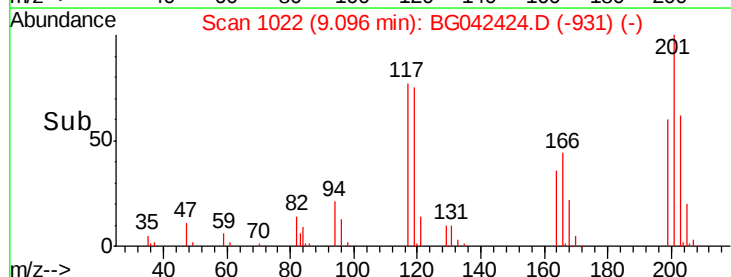
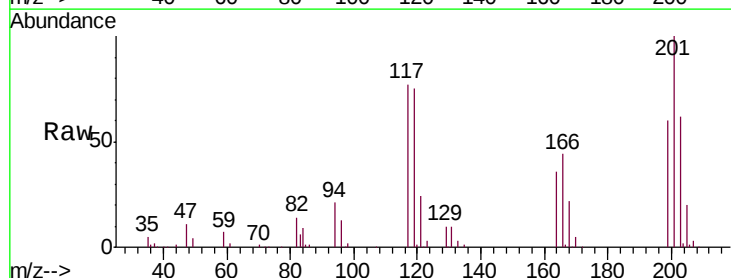
Instrument :
BNA_G
ClientSampleId :

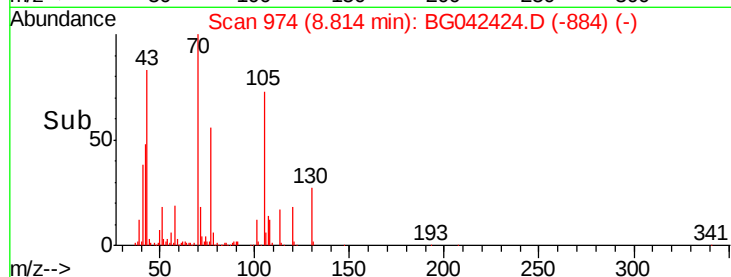
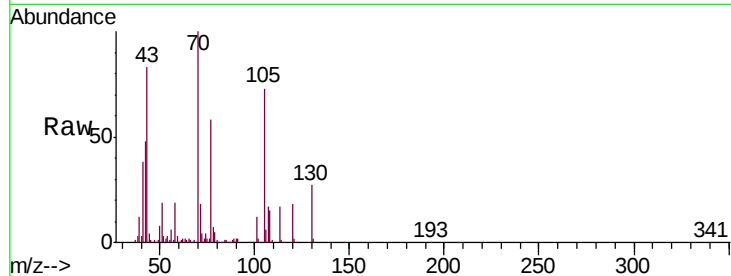
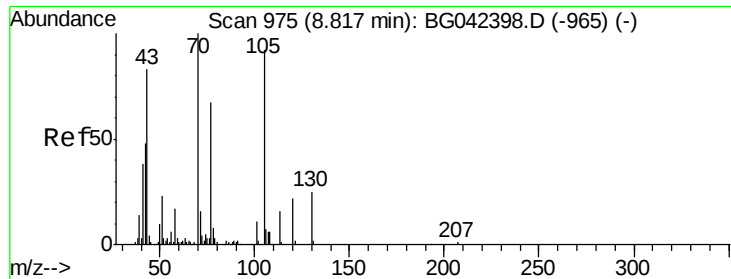
Tot Ion:	107	Resp:	196042
Ion	Ratio	Lower	Upper
107	100		
108	110.7	92.9	139.3
77	38.4	34.4	51.6
79	38.5	33.8	50.6



#18
Hexachloroethane
Concen: 40.683 ng
RT: 9.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Tgt Ion:	117	Resp:	101728
Ion	Ratio	Lower	Upper
117	100		
119	97.7	73.8	110.8
201	130.0	108.3	162.5

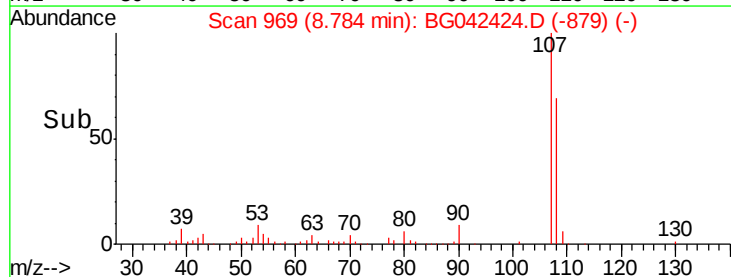
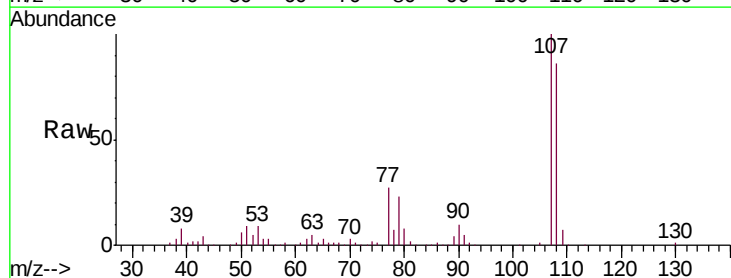
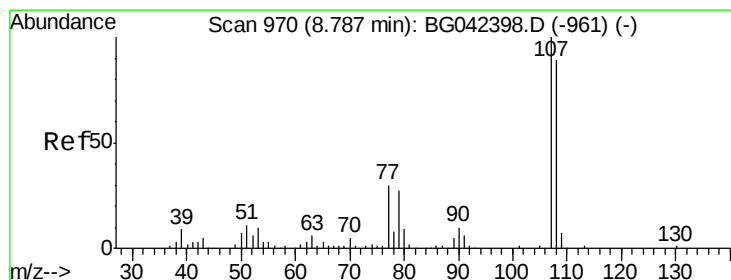
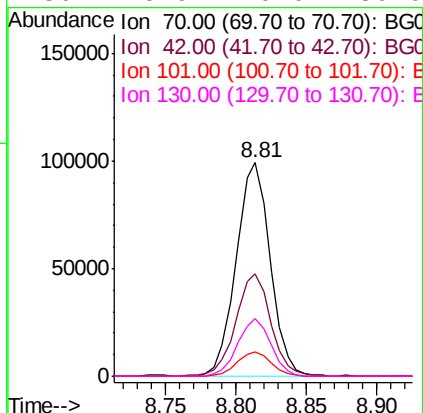




#19
n-Nitroso-di-n-propylamine
Concen: 40.474 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

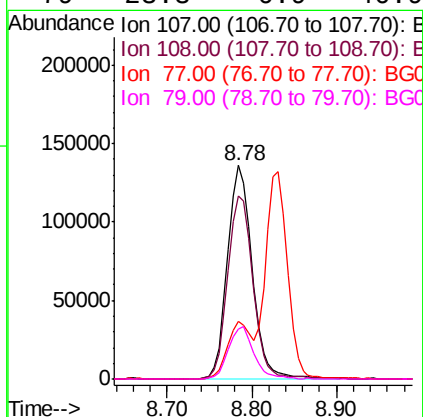
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	165662
Ion	Ratio	Lower	Upper
70	100		
42	48.0	38.8	58.2
101	11.5	9.0	13.6
130	26.9	20.0	30.0



#20
3+4-Methylphenols
Concen: 41.813 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Tgt Ion:	107	Resp:	273747
Ion	Ratio	Lower	Upper
107	100		
108	85.9	68.7	108.7
77	27.0	10.2	50.2
79	23.3	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 338408

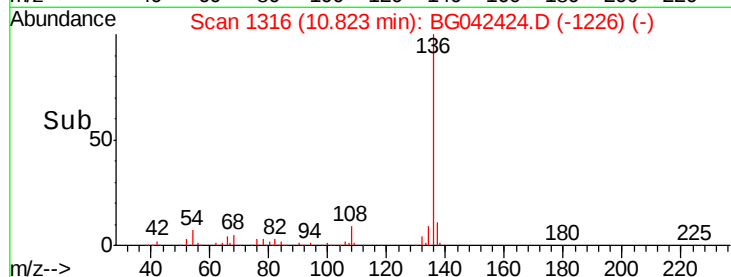
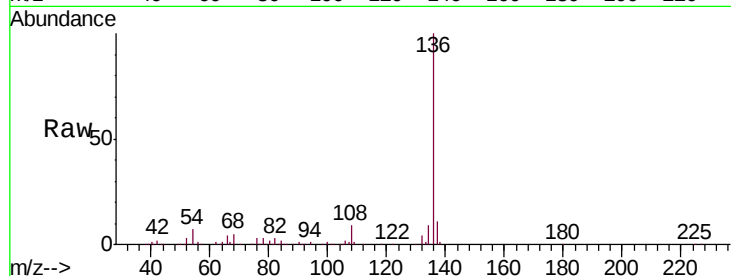
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.2 4.9 7.3

68 5.3 3.6 5.4

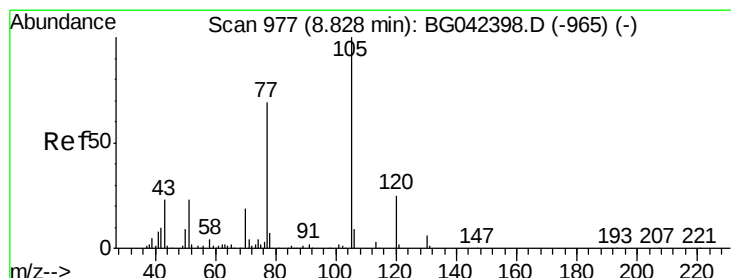
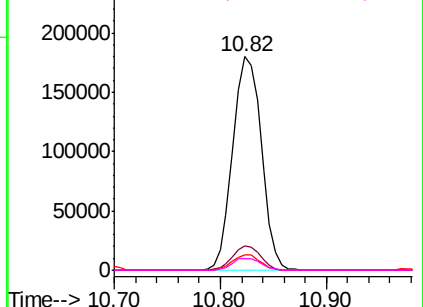


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 46.906 ng

RT: 8.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Tgt Ion:105 Resp: 339501

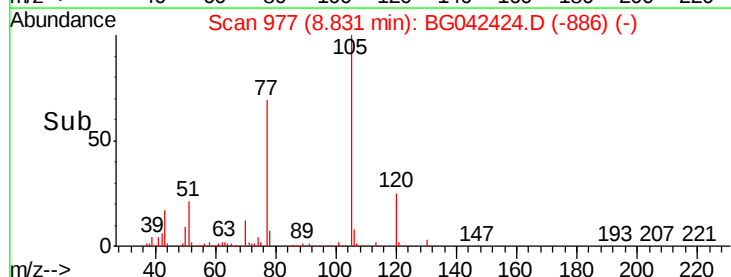
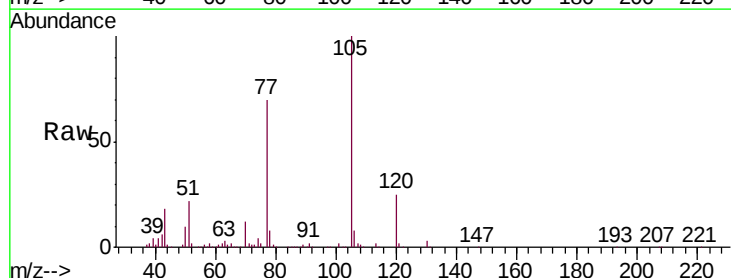
Ion Ratio Lower Upper

105 100

71 2.1 2.8 4.2#

51 21.9 18.7 28.1

120 24.9 20.1 30.1

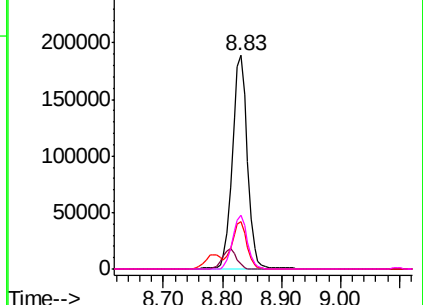


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

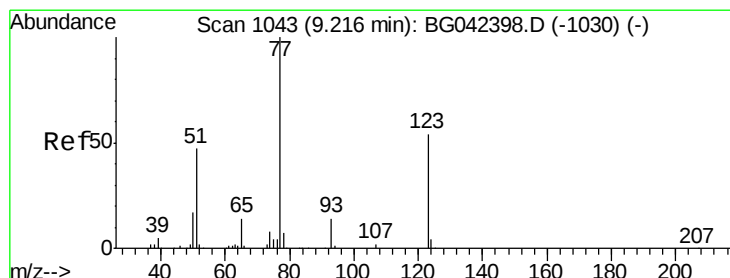
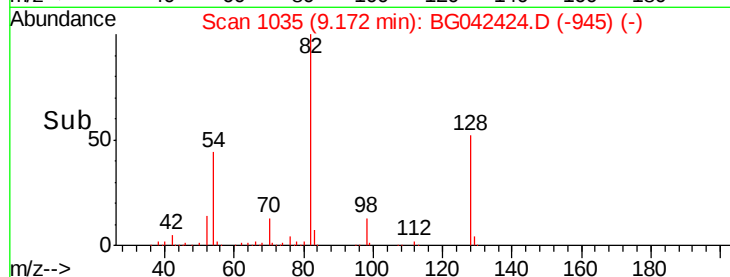
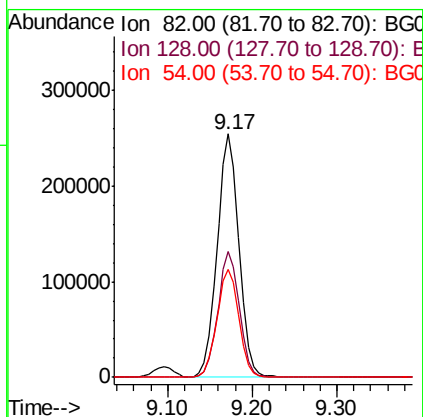
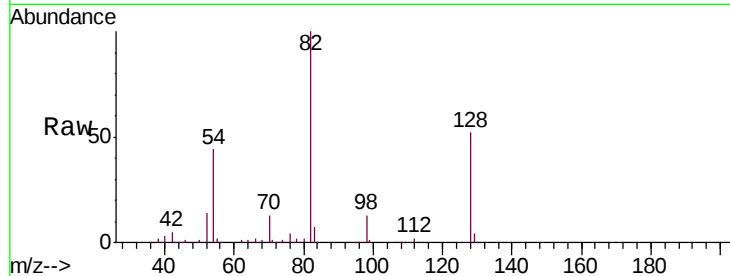




#23
Nitrobenzene-d5
Concen: 93.139 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

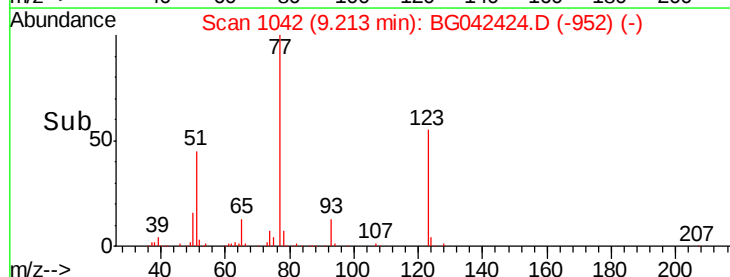
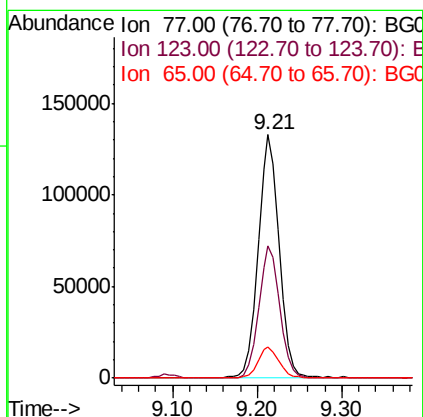
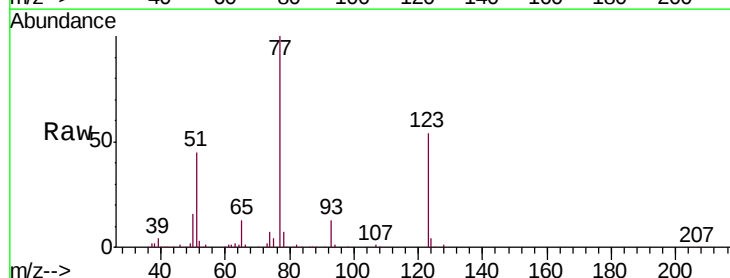
Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	456109
Ion Ratio	Lower	Upper	
82	100		
128	51.6	40.7	61.1
54	44.4	36.3	54.5



#24
Nitrobenzene
Concen: 46.859 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Tgt Ion	77	Resp	232371
Ion Ratio	Lower	Upper	
77	100		
123	54.4	43.4	65.0
65	12.9	11.0	16.6





#25

Isophorone

Concen: 45.938 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

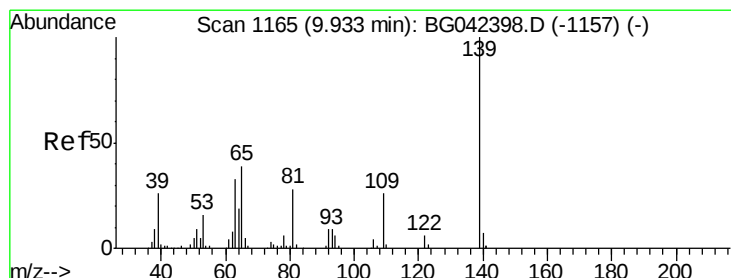
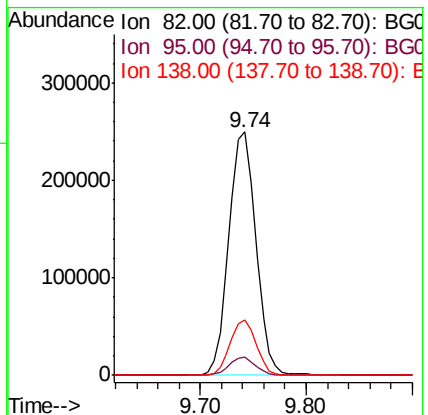
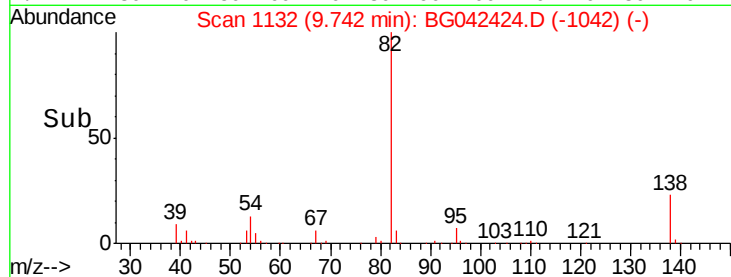
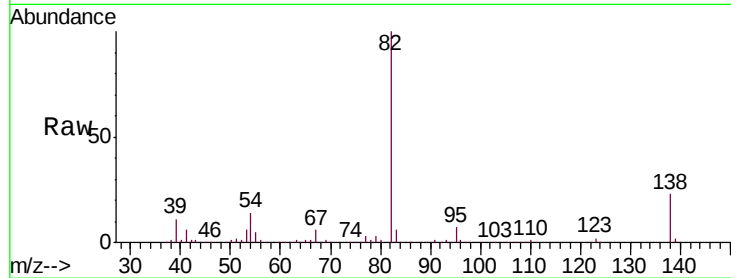
Tot Ion: 82 Resp: 443965

Ion Ratio Lower Upper

82 100

95 7.4 6.6 9.8

138 22.6 18.6 27.8



#26

2-Nitrophenol

Concen: 45.149 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

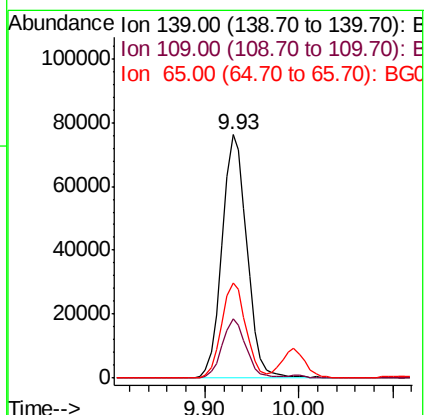
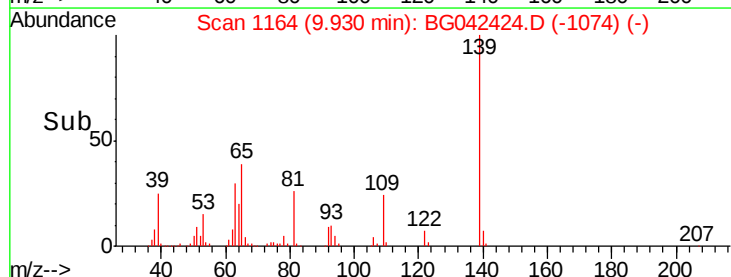
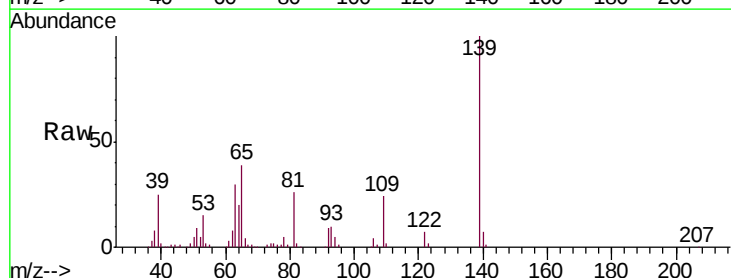
Tgt Ion: 139 Resp: 140307

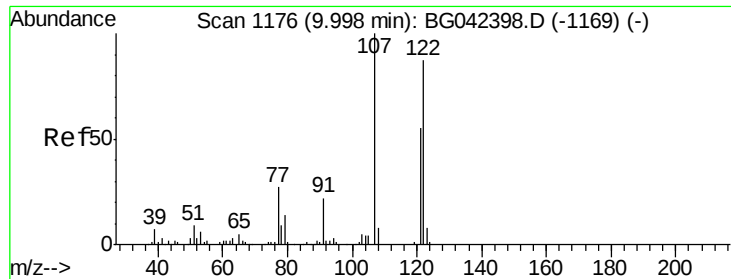
Ion Ratio Lower Upper

139 100

109 24.5 20.5 30.7

65 39.0 30.9 46.3

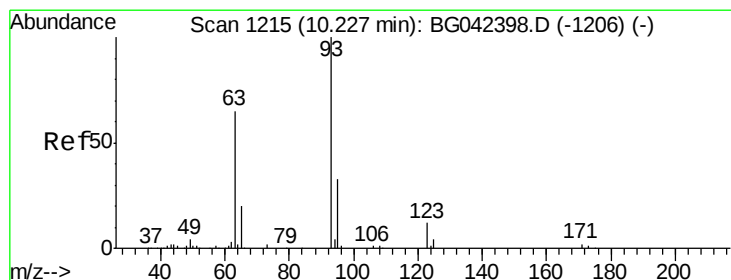
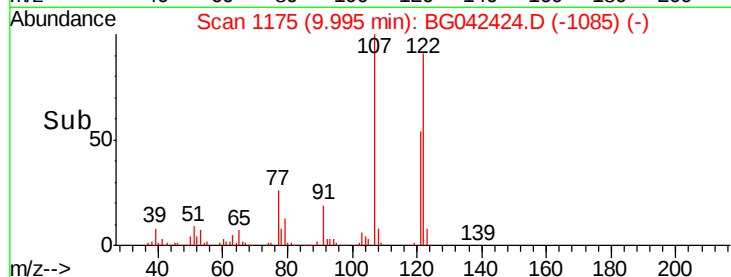
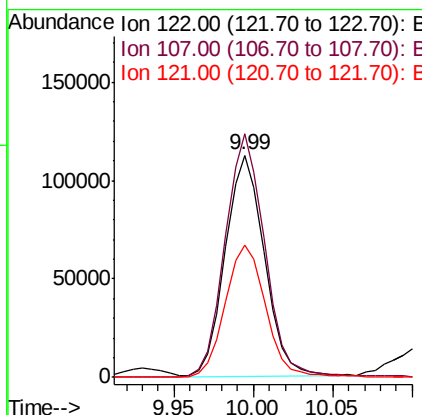
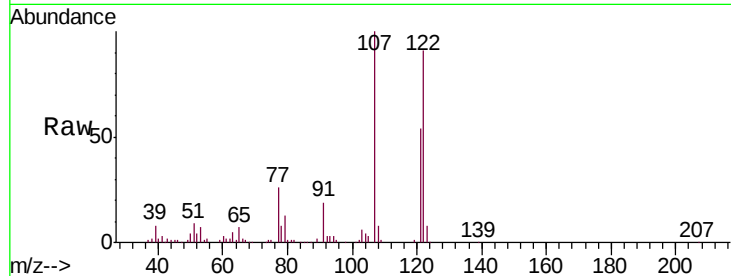




#27
2,4-Dimethylphenol
Concen: 45.115 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

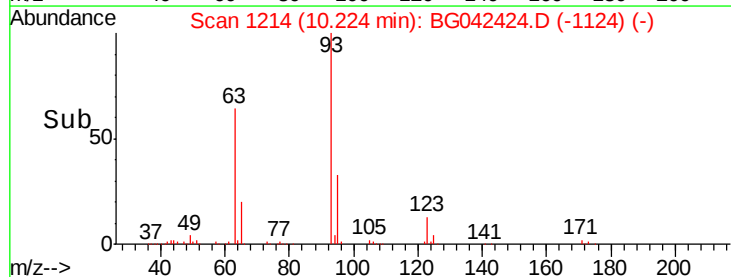
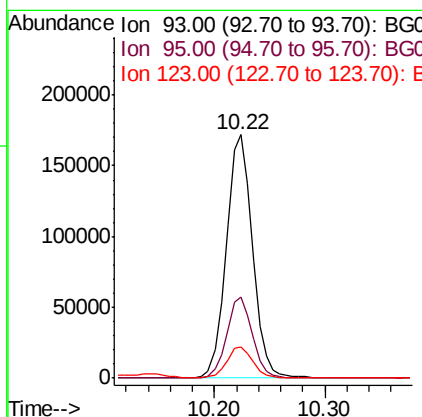
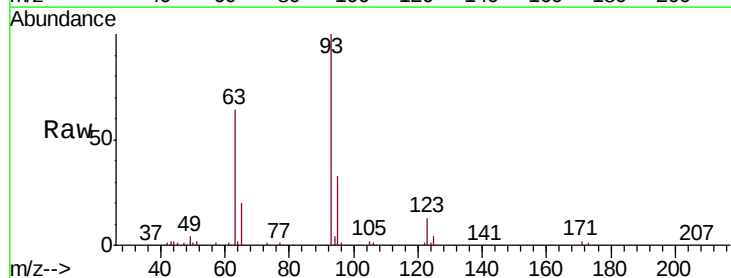
Instrument :
BNA_G
ClientSampleId :

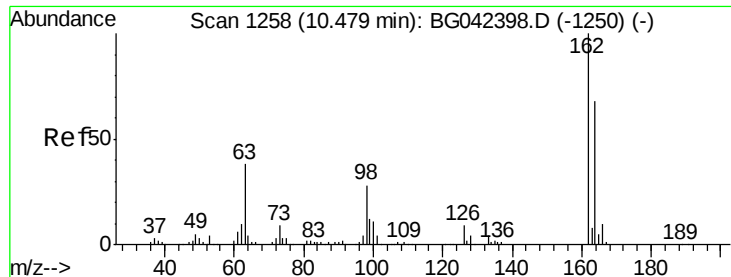
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.4	90.8	136.2
121	59.4	49.6	74.4



#28
bis(2-Chloroethoxy)methane
Concen: 46.994 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	40.0
123	13.0	10.1	15.1

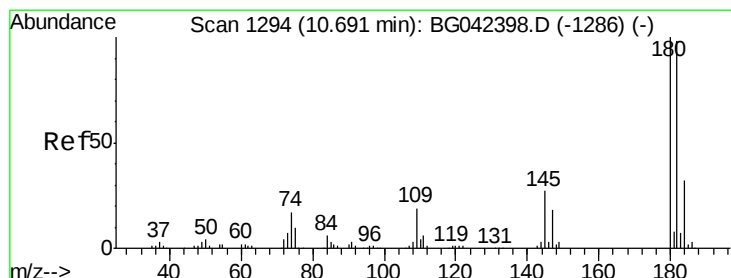
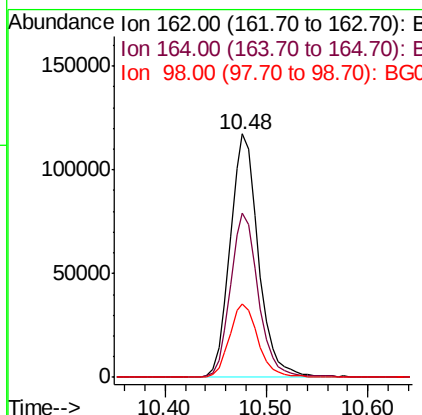
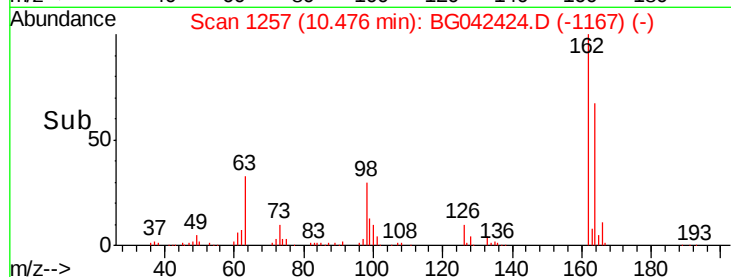
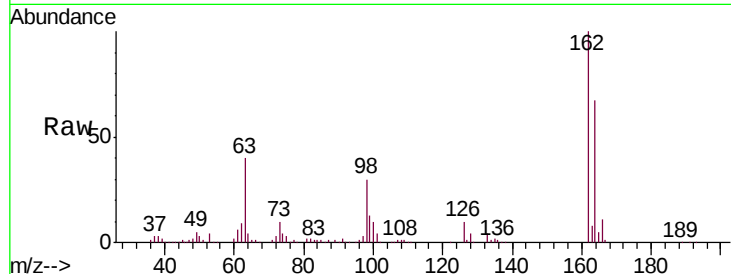




#29
2,4-Dichlorophenol
Concen: 40.576 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

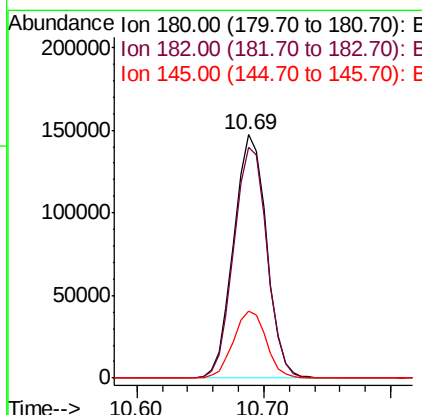
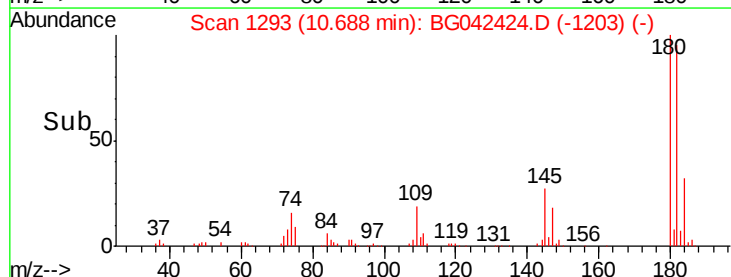
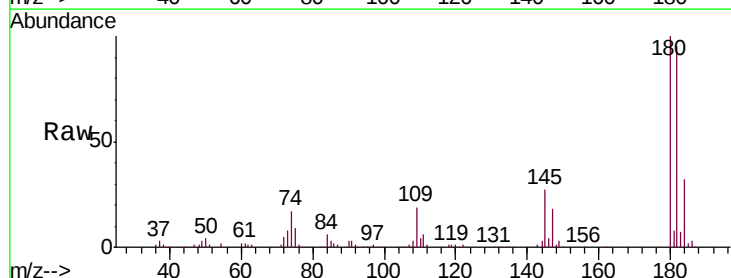
Instrument :
BNA_G
ClientSampleId :

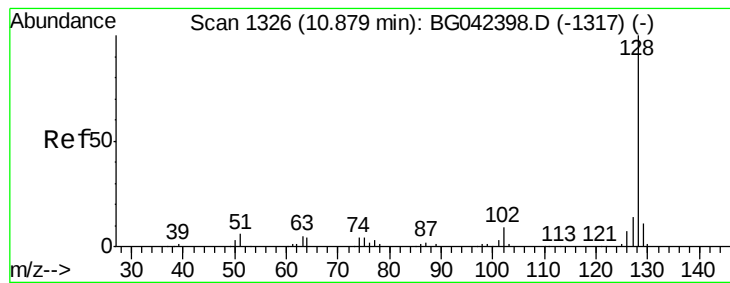
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.3	48.1	88.1
98	30.2	7.6	47.6



#30
1,2,4-Trichlorobenzene
Concen: 38.532 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	78.7	118.1
145	27.5	21.6	32.4





#31

Naphthalene

Concen: 42.416 ng

RT: 10.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Instrument :

BNA_G

ClientSampled :

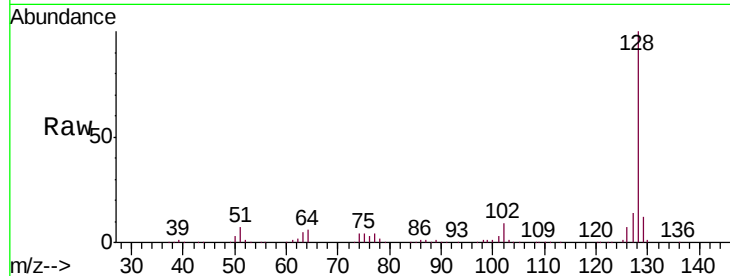
Tot Ion:128 Resp: 666415

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

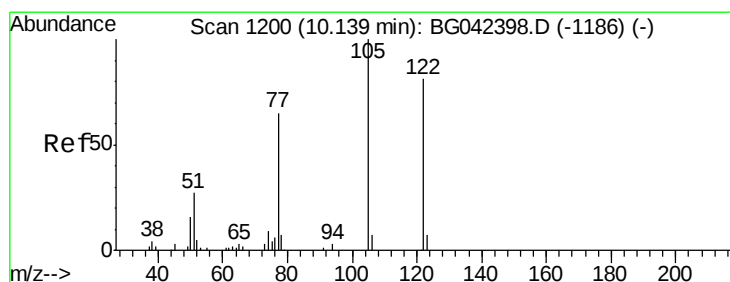
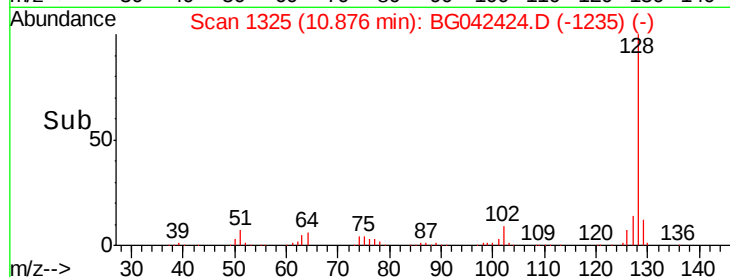
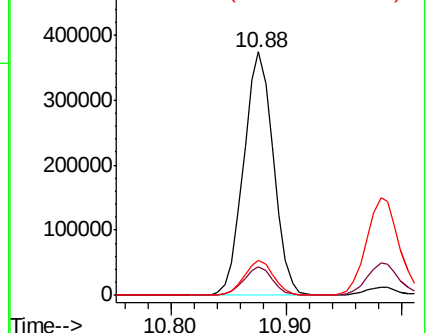
127 14.2 11.4 17.0



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: 41.088 ng

RT: 10.14 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

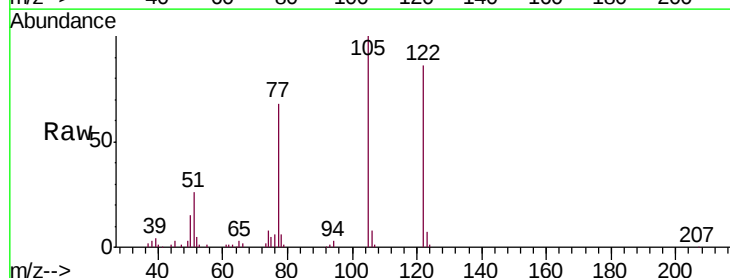
Tgt Ion:122 Resp: 123245

Ion Ratio Lower Upper

122 100

105 116.1 99.6 139.6

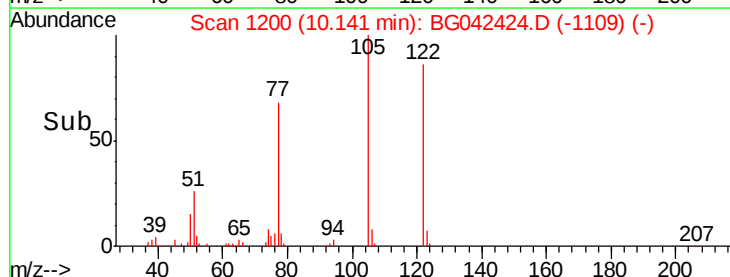
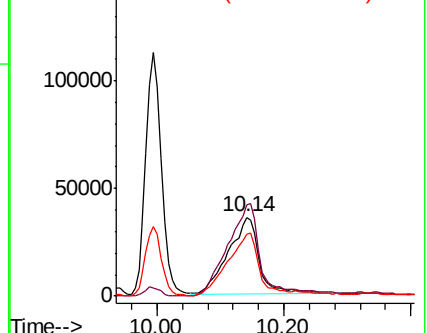
77 79.5 59.5 99.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

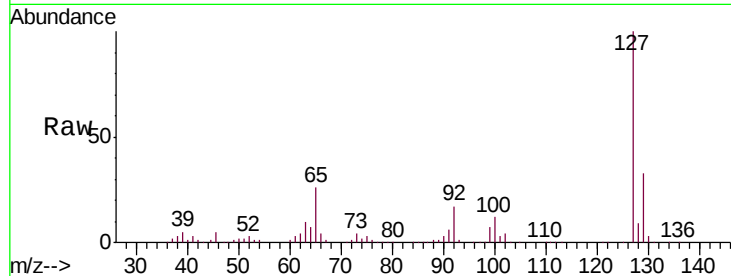




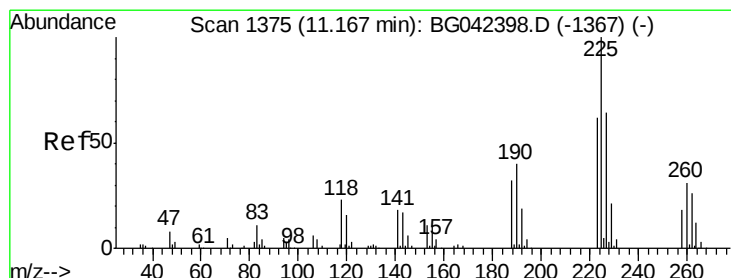
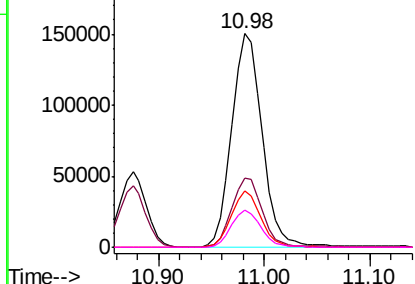
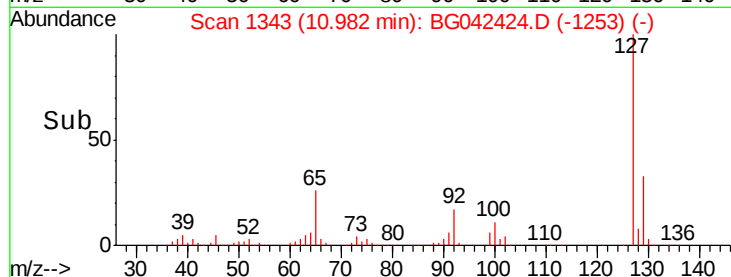
#33
4-Chloroaniline
Concen: 41.155 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	298490
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.8	40.2
65	26.3	20.7	31.1
92	17.2	13.6	20.4

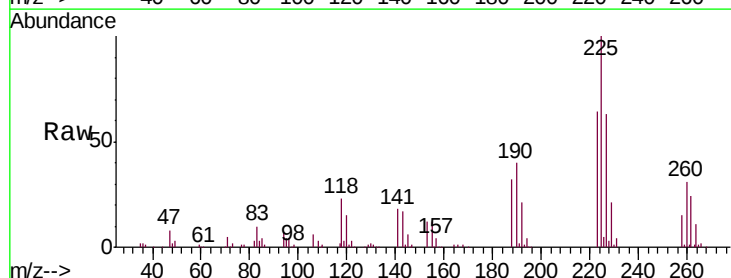


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

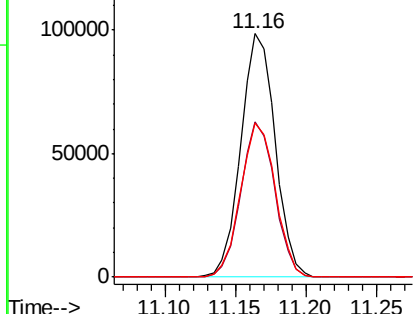
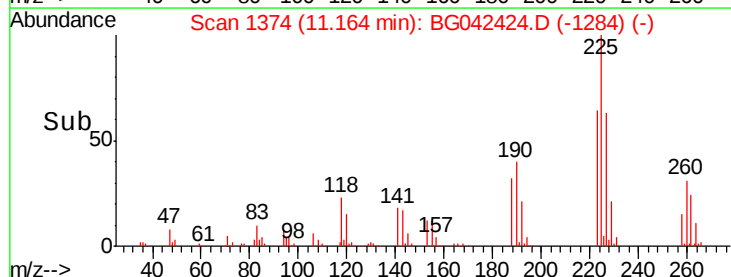


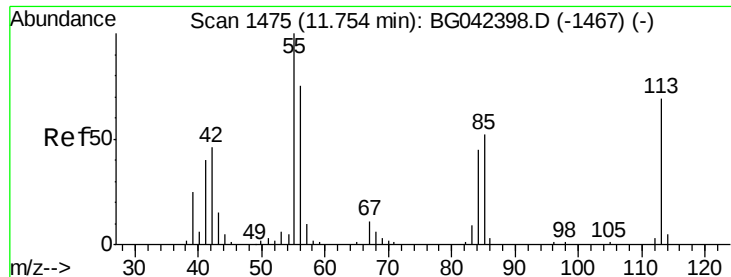
#34
Hexachlorobutadiene
Concen: 36.360 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Tgt Ion:	225	Resp:	167988
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.8	74.6
227	63.0	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: 38.415 ng

RT: 11.76 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Instrument :

BNA_G

ClientSampled :

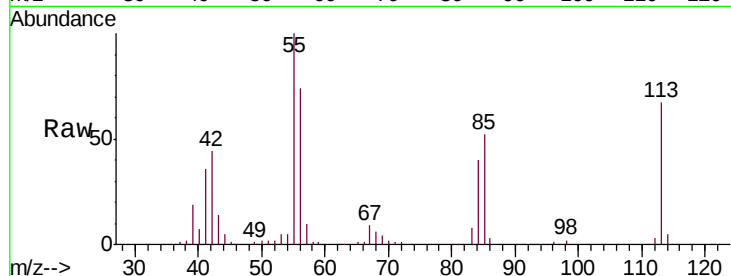
Tot Ion:113 Resp: 71792

Ion Ratio Lower Upper

113 100

55 148.7 124.6 164.6

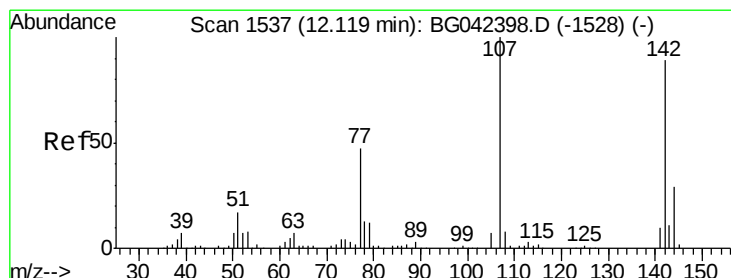
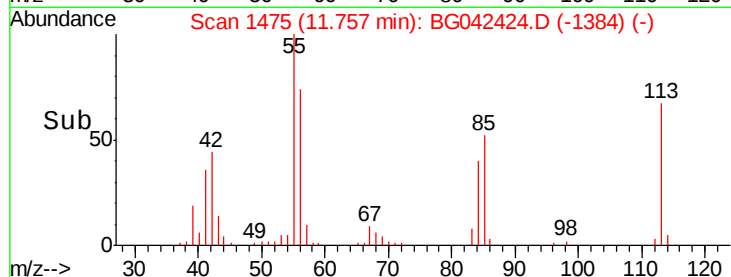
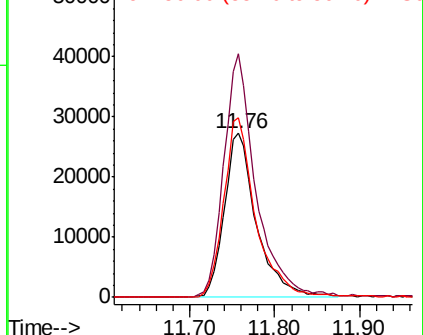
56 110.0 88.3 128.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 37.632 ng

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

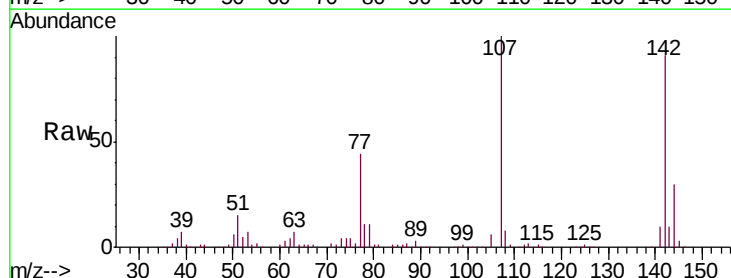
Tgt Ion:107 Resp: 200079

Ion Ratio Lower Upper

107 100

144 30.2 23.6 35.4

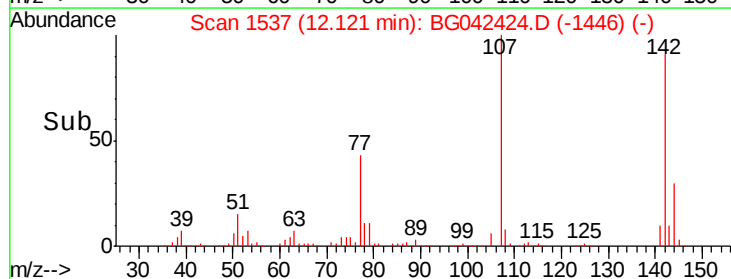
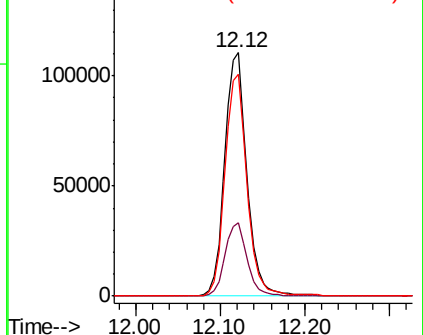
142 91.0 71.0 106.4

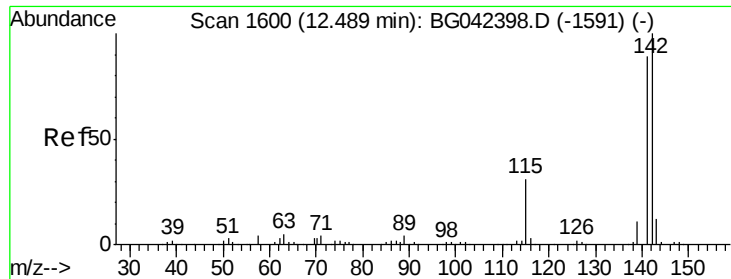


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

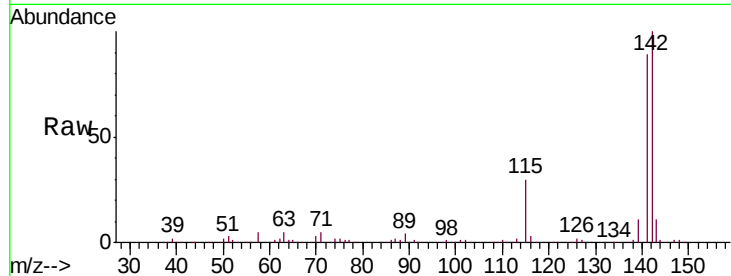




#37
2-Methylnaphthalene
Concen: 40.349 ng
RT: 12.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	29.8	25.2	37.8

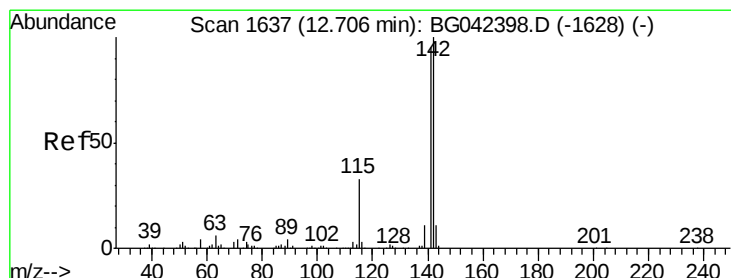
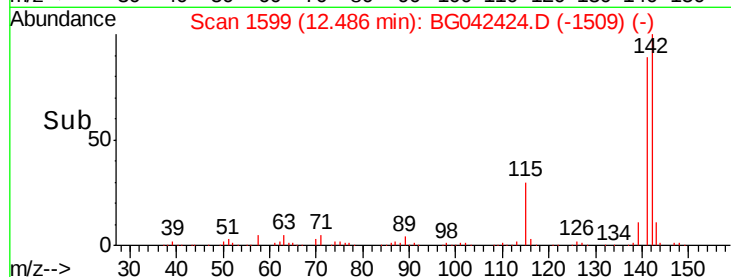
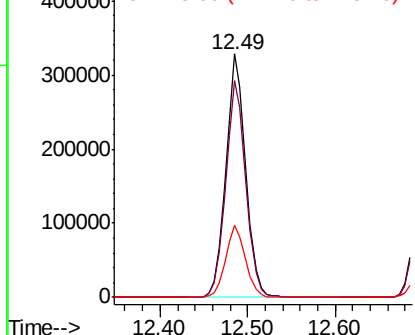


Abundance

Ion 142.00 (141.70 to 142.70): E

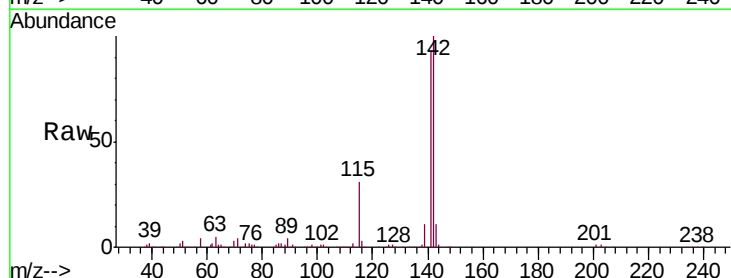
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.710 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	76.2	114.2
116	3.4	2.8	4.2

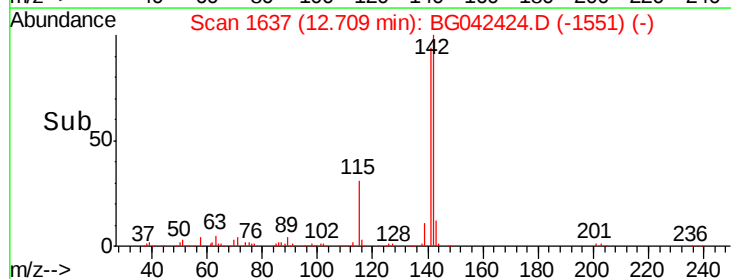
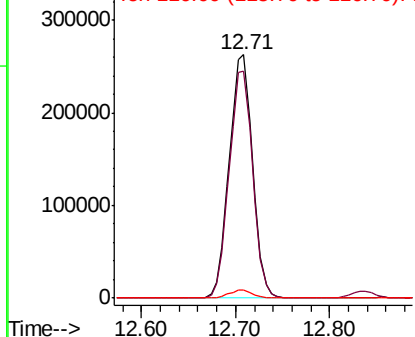


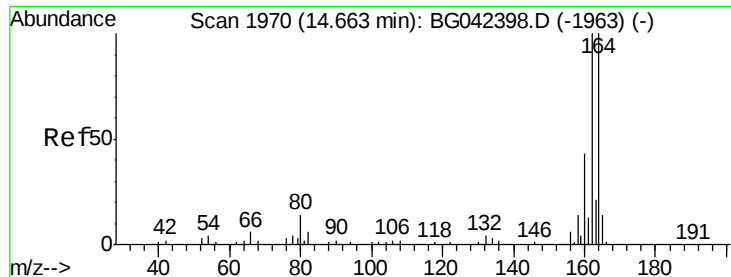
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

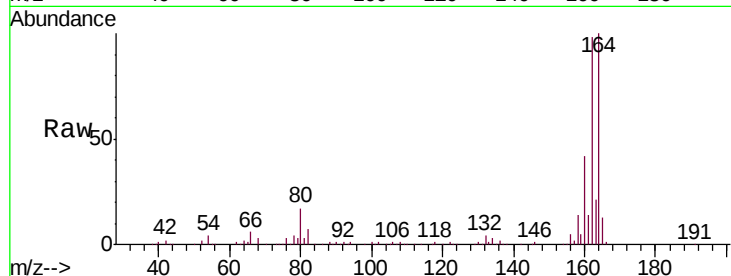
Tot Ion:164 Resp: 229332

Ion Ratio Lower Upper

164 100

162 98.0 79.9 119.9

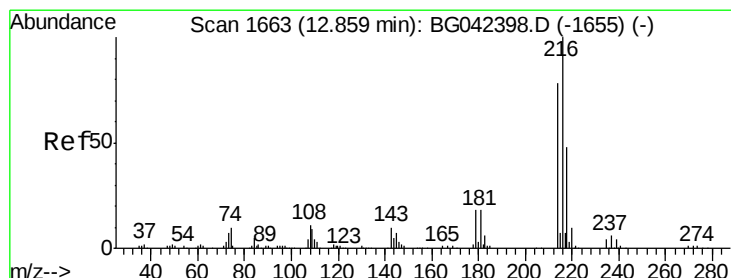
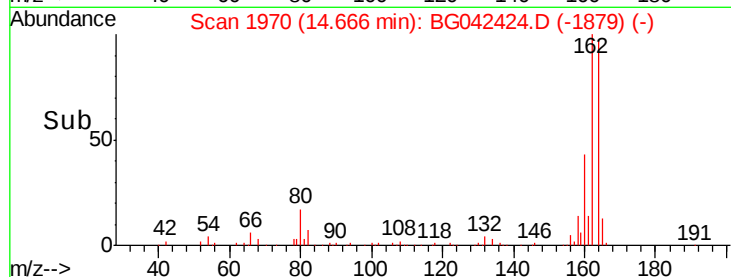
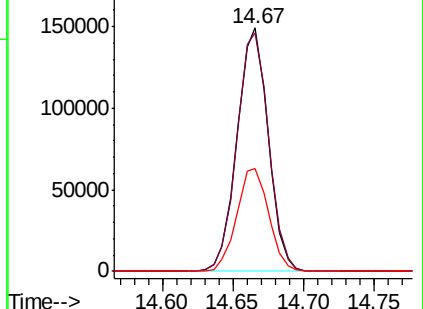
160 42.2 34.3 51.5



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: 37.560 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Tgt Ion:216 Resp: 276616

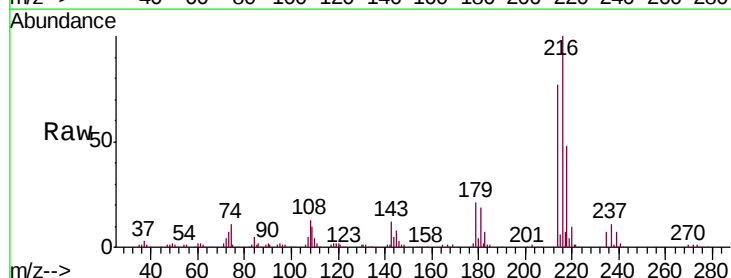
Ion Ratio Lower Upper

216 100

214 77.8 61.4 92.2

179 20.1 15.1 22.7

108 13.3 9.4 14.0

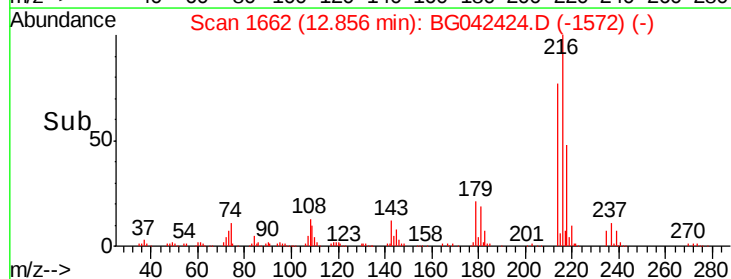
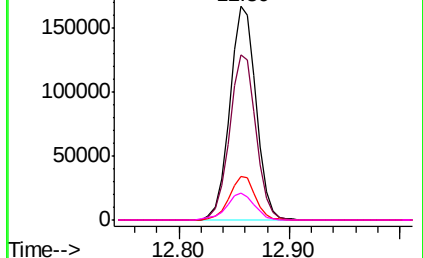


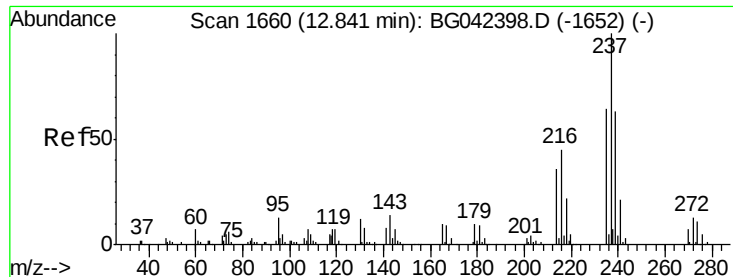
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 35.668 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Instrument :

BNA_G

ClientSampled :

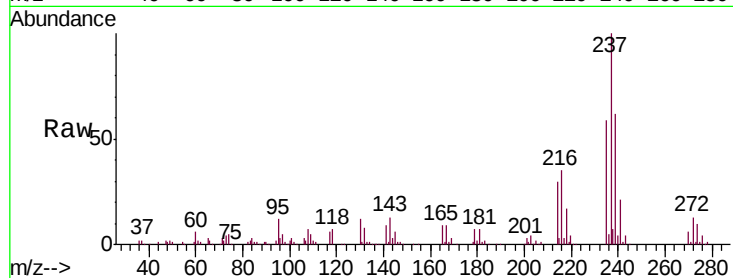
Tot Ion:237 Resp: 137984

Ion Ratio Lower Upper

237 100

235 58.6 43.7 83.7

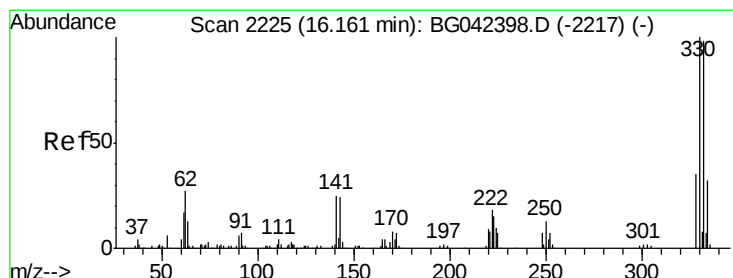
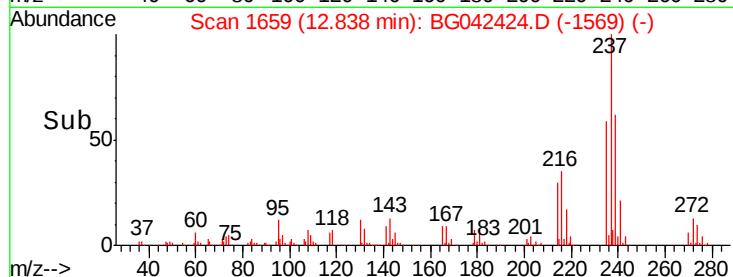
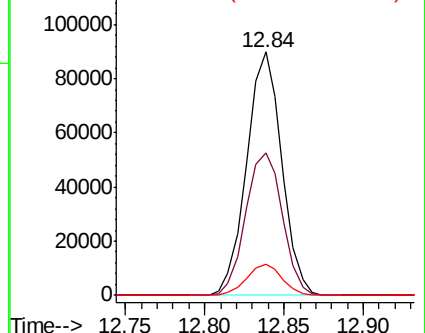
272 12.8 0.0 33.3



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: 76.634 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

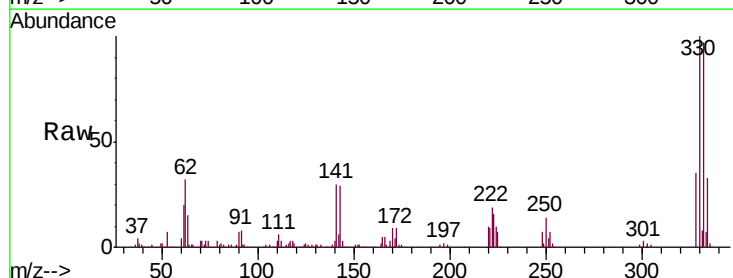
Tgt Ion:330 Resp: 249795

Ion Ratio Lower Upper

330 100

332 95.4 77.4 116.0

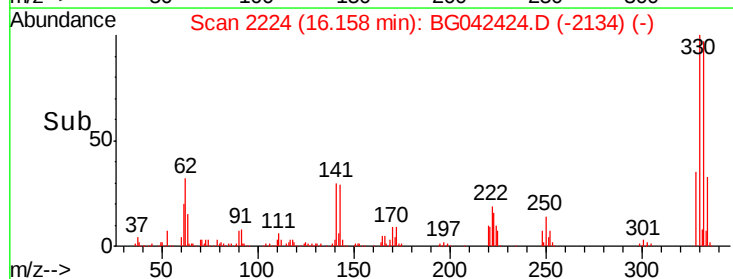
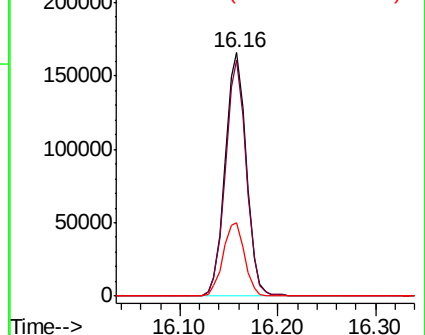
141 30.4 21.4 32.0



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

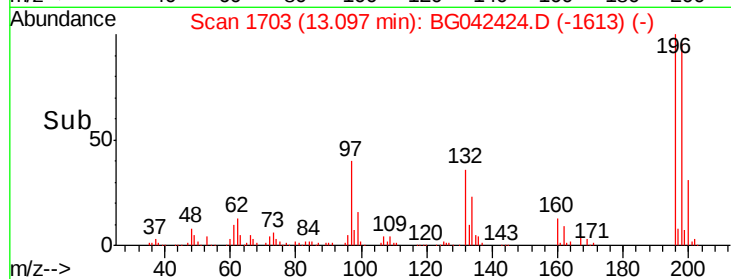
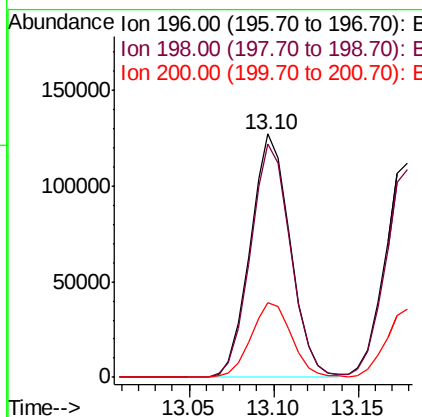
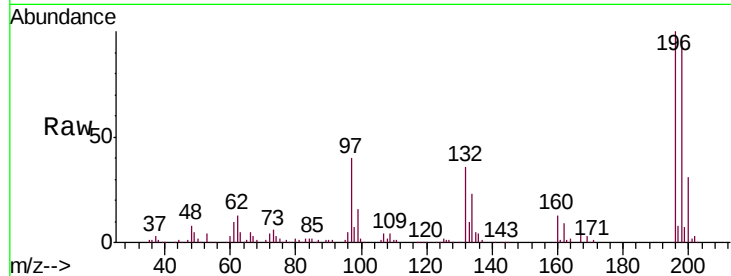




#43
 2,4,6-Trichlorophenol
 Concen: 41.795 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG042424.D
 Acq: 23 Aug 2019 8:29

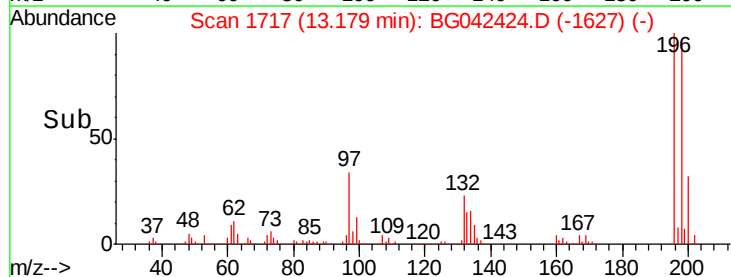
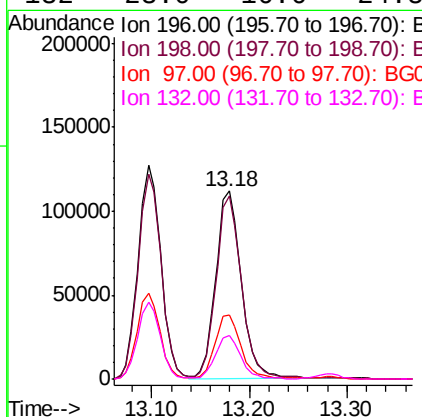
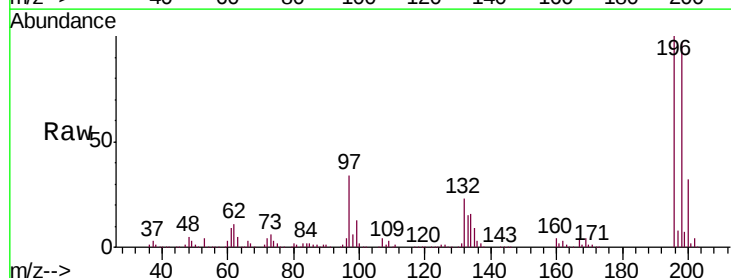
Instrument :
 BNA_G
 ClientSampleId :

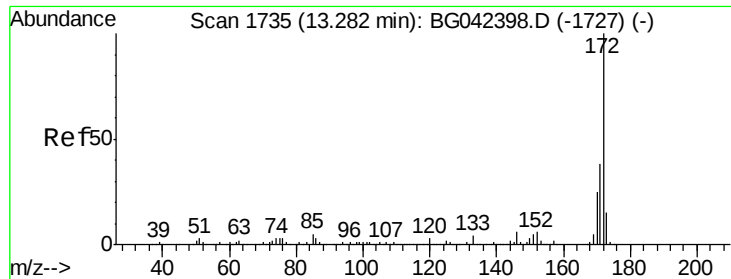
Tot Ion	Ratio	Resp	Lower	Upper
196	100	208057		
198	95.8	80.7	121.1	
200	30.8	25.7	38.5	



#44
 2,4,5-Trichlorophenol
 Concen: 39.429 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG042424.D
 Acq: 23 Aug 2019 8:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	203399		
198	97.2	80.2	120.4	
97	33.9	26.3	39.5	
132	23.0	16.6	24.8	

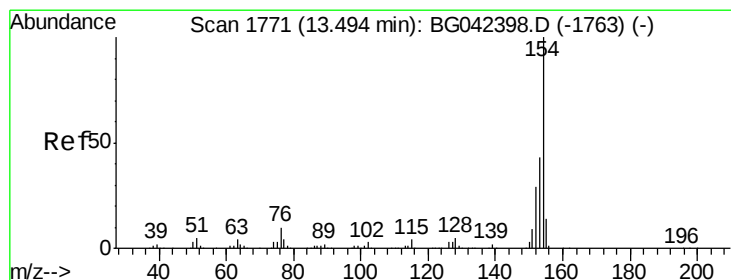
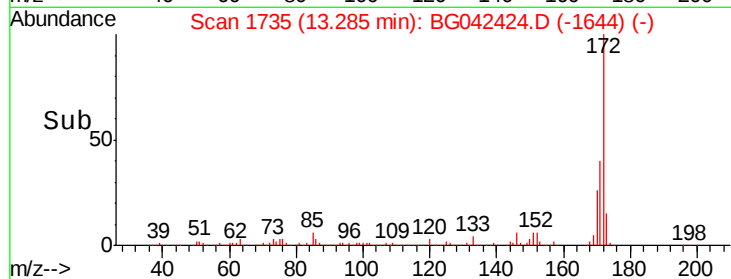
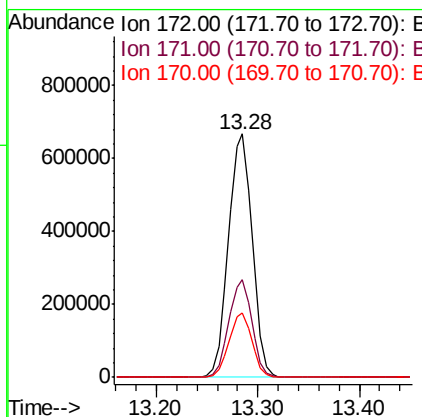
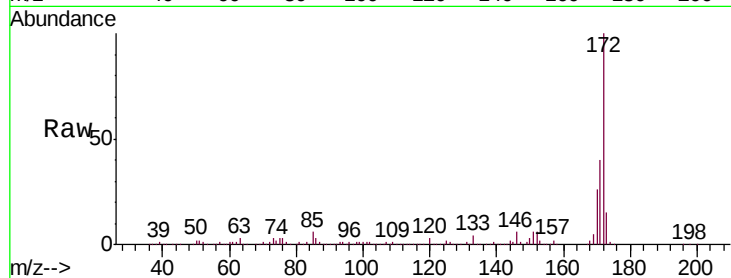




#45
2-Fluorobiphenyl
Concen: 80.075 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

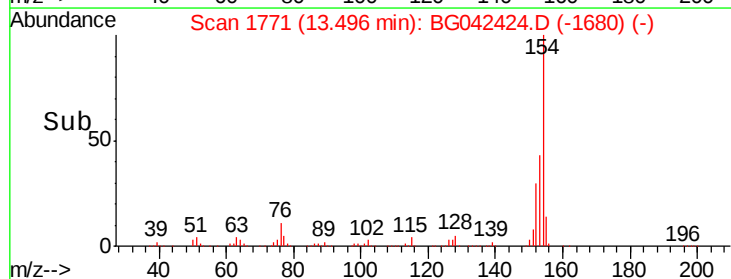
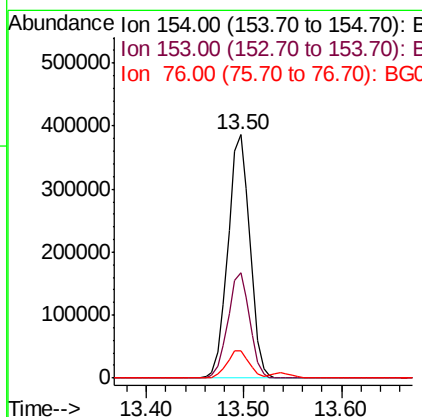
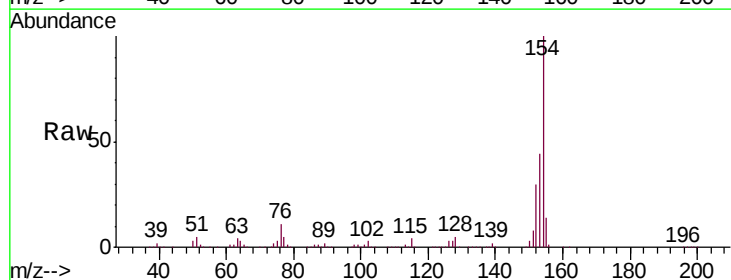
Instrument :
BNA_G
ClientSampleId :

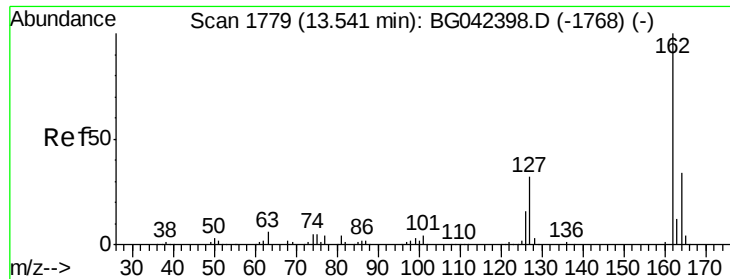
Tot Ion:172 Resp: 1085790
Ion Ratio Lower Upper
172 100
171 40.0 30.5 45.7
170 26.3 20.2 30.2



#46
1,1'-Biphenyl
Concen: 40.456 ng
RT: 13.50 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Tgt Ion:154 Resp: 599732
Ion Ratio Lower Upper
154 100
153 43.5 23.0 63.0
76 11.2 0.0 29.6

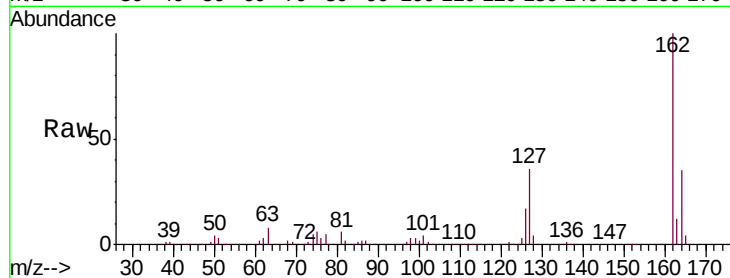




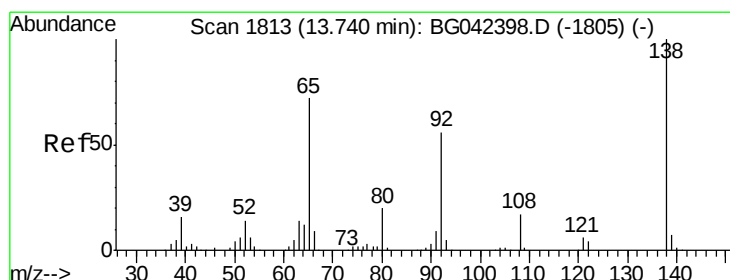
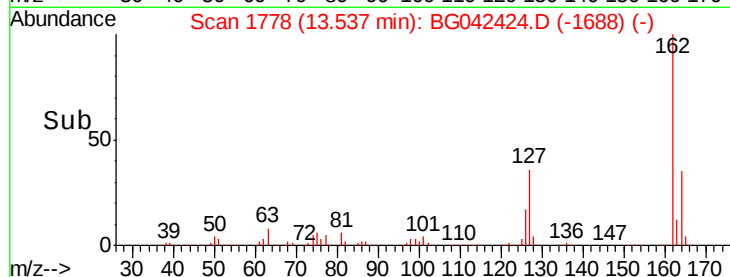
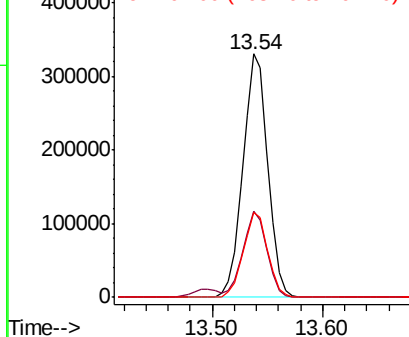
#47
 2-Chloronaphthalene
 Concen: 40.747 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG042424.D
 Acq: 23 Aug 2019 8:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.6	26.0	39.0
164	35.0	27.4	41.0

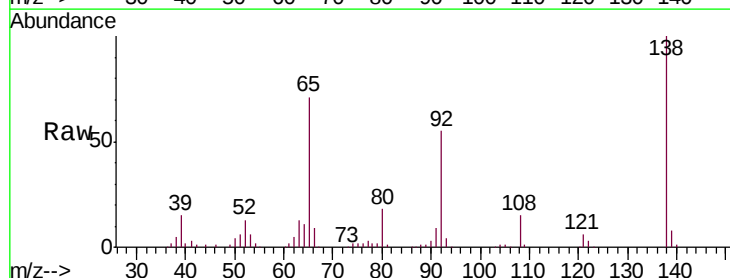


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

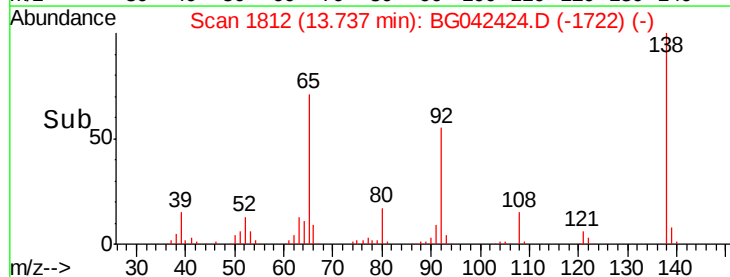
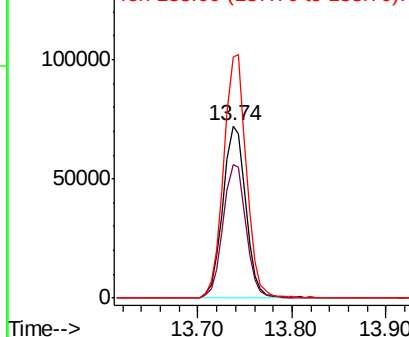


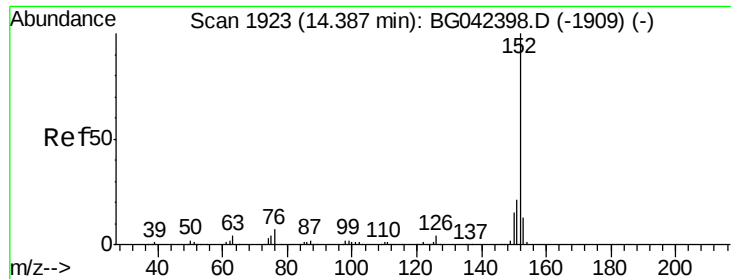
#48
 2-Nitroaniline
 Concen: 40.162 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG042424.D
 Acq: 23 Aug 2019 8:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.5	61.8	92.6
138	140.2	111.0	166.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.507 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

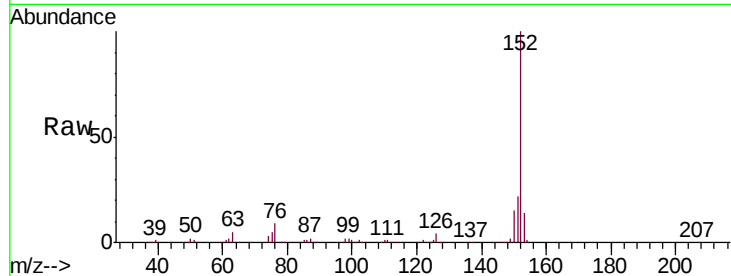
Tot Ion:152 Resp: 778978

Ion Ratio Lower Upper

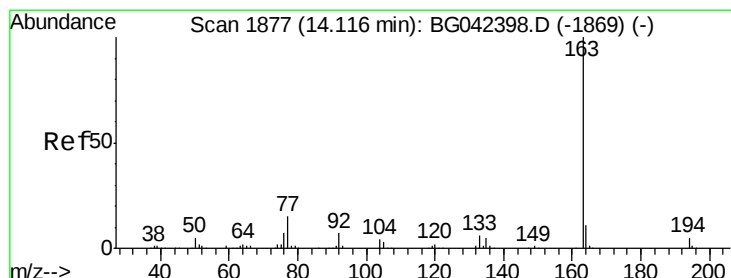
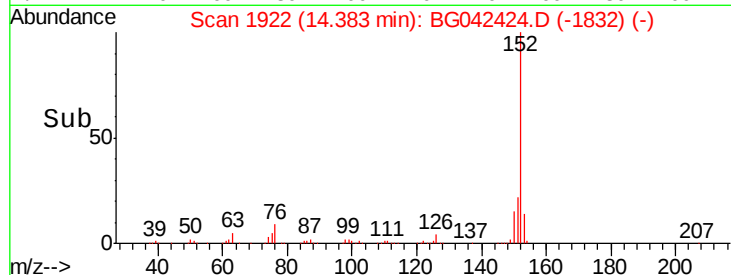
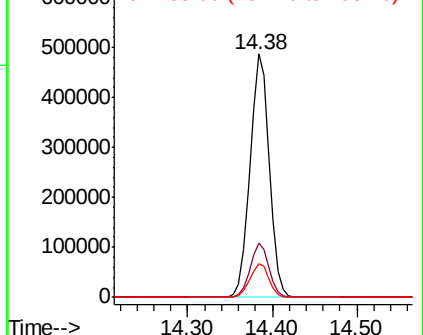
152 100

151 22.3 17.0 25.4

153 13.9 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: 38.059 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

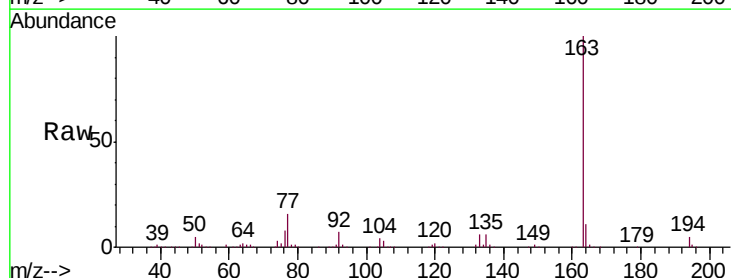
Tgt Ion:163 Resp: 629773

Ion Ratio Lower Upper

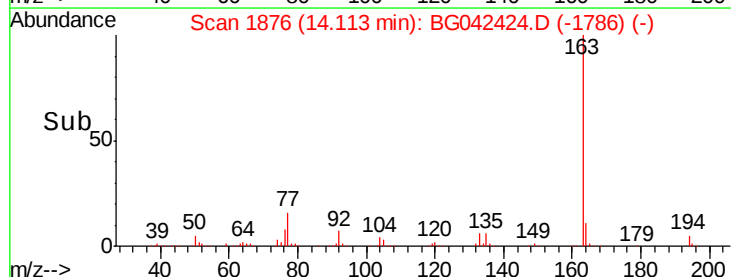
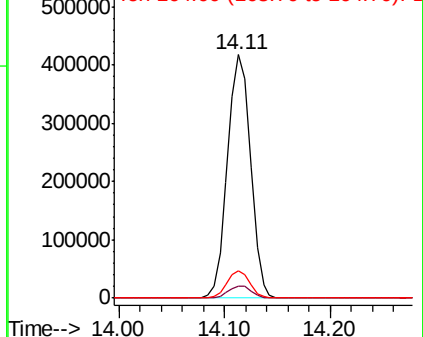
163 100

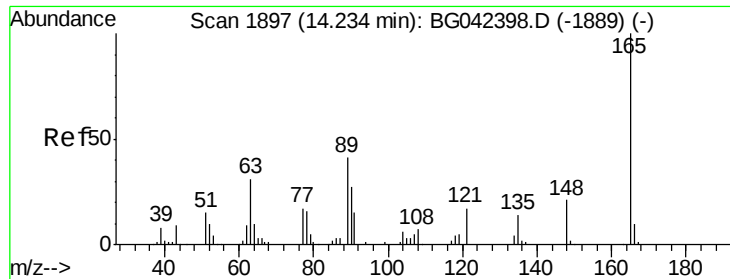
194 5.1 4.2 6.2

164 11.2 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

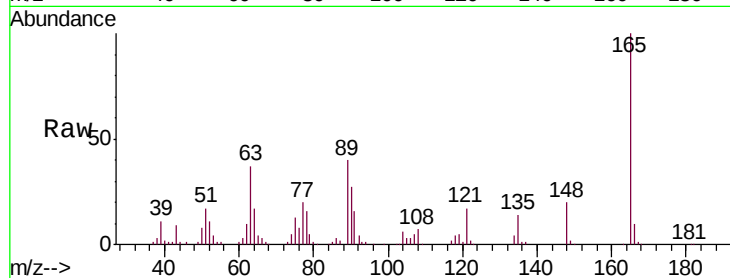




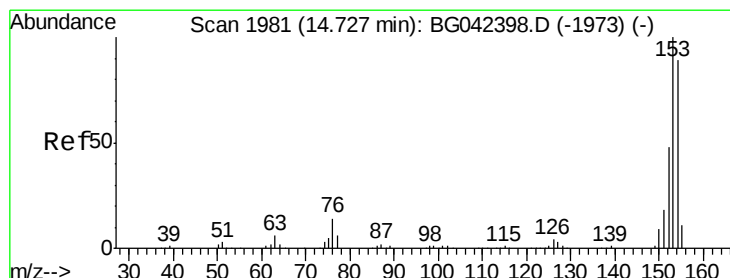
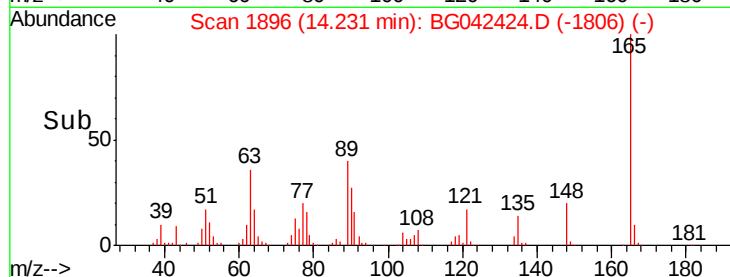
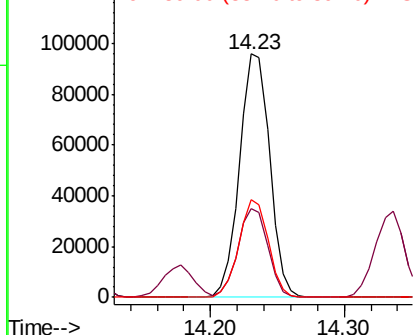
#51
2,6-Dinitrotoluene
Concen: 39.000 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 149584
Ion Ratio Lower Upper
165 100
63 36.6 30.6 45.8
89 40.2 32.6 49.0

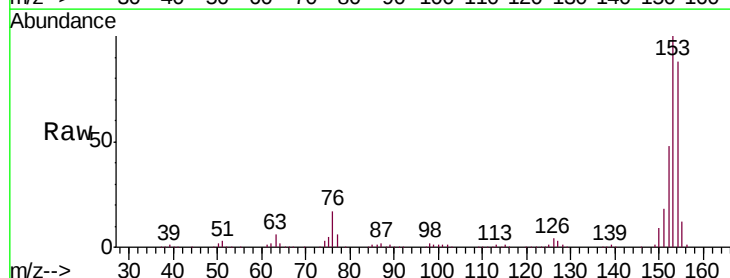


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

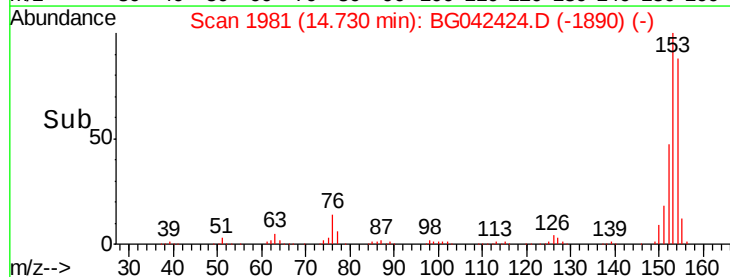
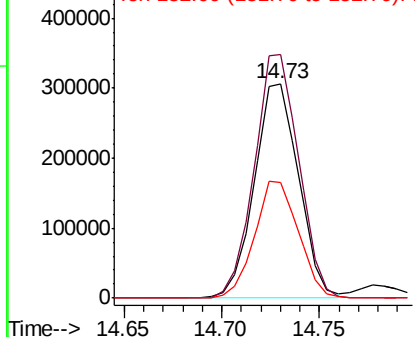


#52
Acenaphthene
Concen: 41.211 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Tgt Ion:154 Resp: 481231
Ion Ratio Lower Upper
154 100
153 113.5 90.2 135.4
152 54.0 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

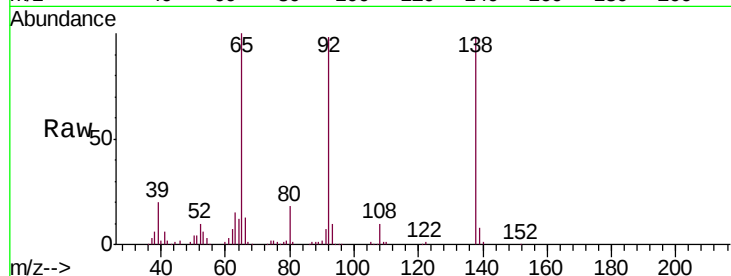




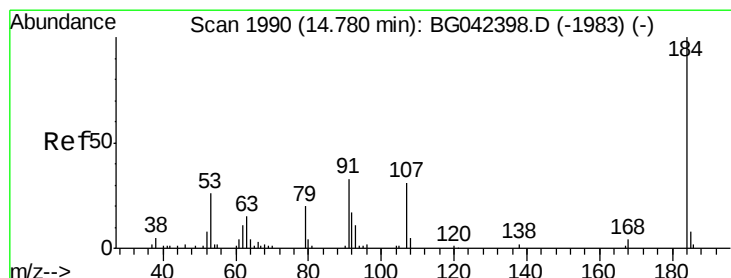
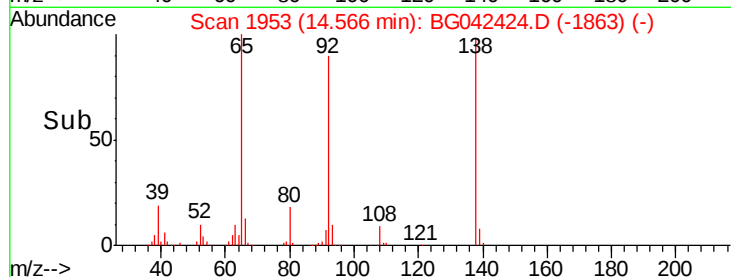
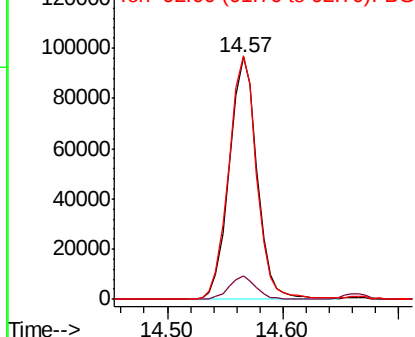
#53
3-Nitroaniline
Concen: 42.071 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 161379
Ion Ratio Lower Upper
138 100
108 9.8 8.3 12.5
92 100.7 78.2 117.4

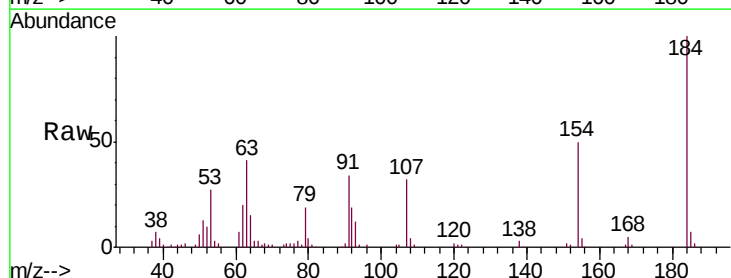


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

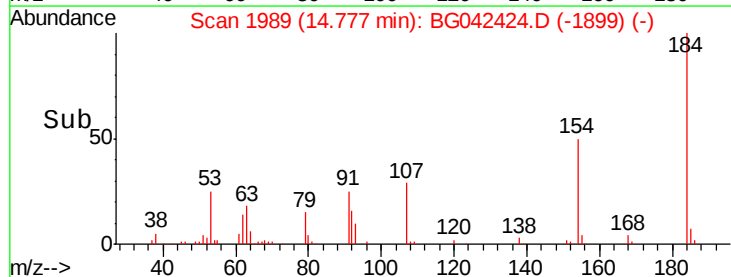
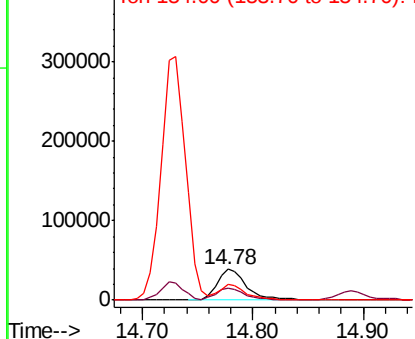


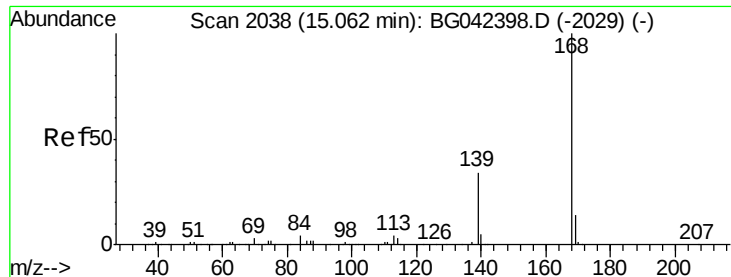
#54
2,4-Dinitrophenol
Concen: 32.530 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Tgt Ion:184 Resp: 73684
Ion Ratio Lower Upper
184 100
63 40.6 31.7 47.5
154 50.2 42.0 63.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

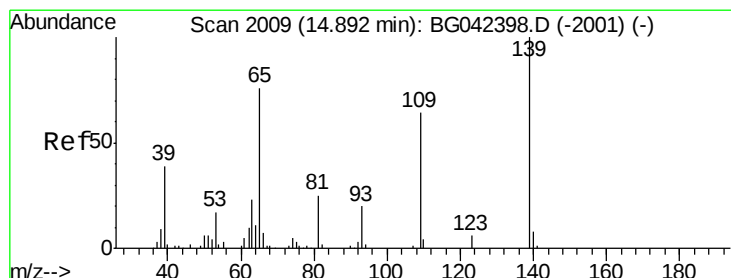
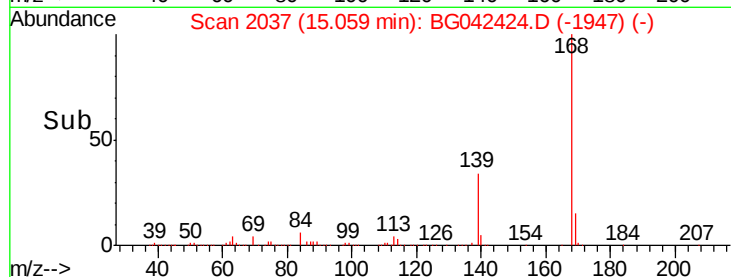
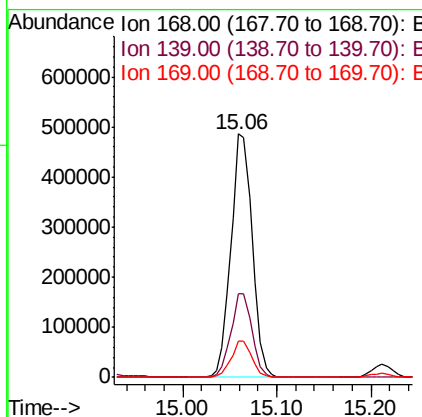
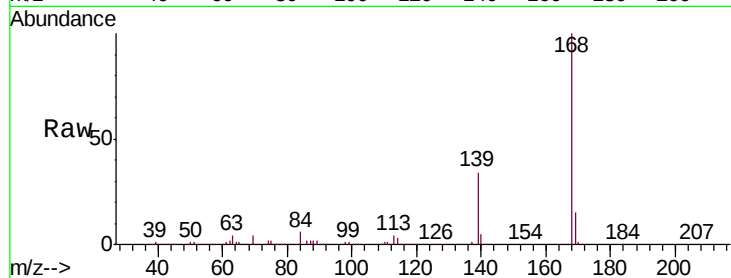




#55
Dibenzofuran
Concen: 39.609 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

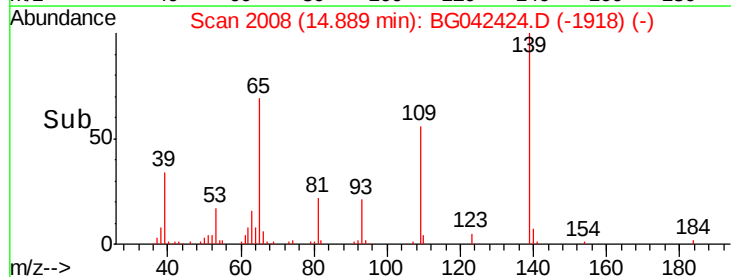
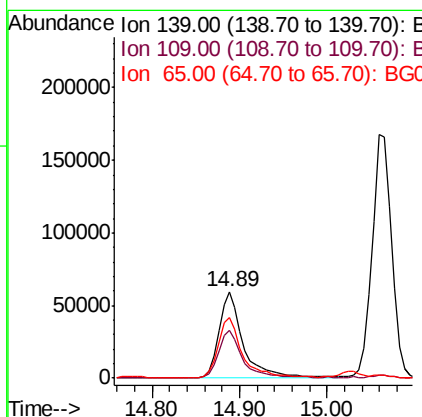
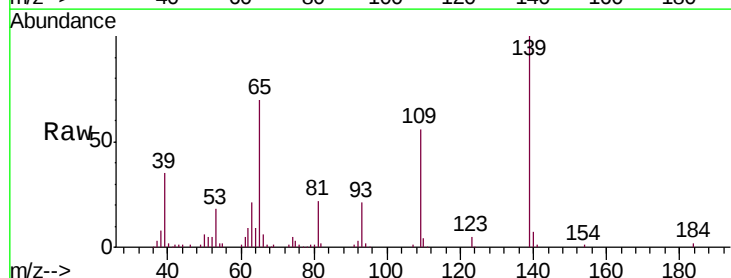
Instrument :
BNA_G
ClientSampleId :

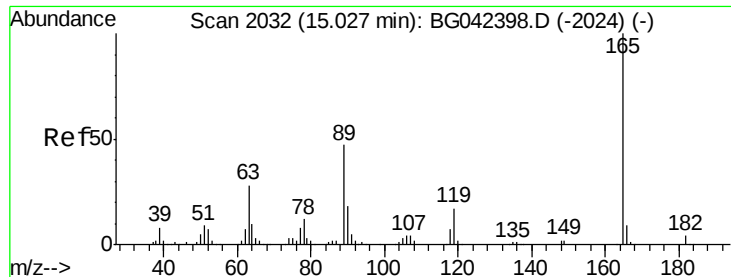
Tot Ion	Ratio	Lower	Upper
168	100		
139	34.5	27.2	40.8
169	14.9	11.5	17.3



#56
4-Nitrophenol
Concen: 41.783 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	55.9	43.9	83.9
65	69.5	56.3	96.3

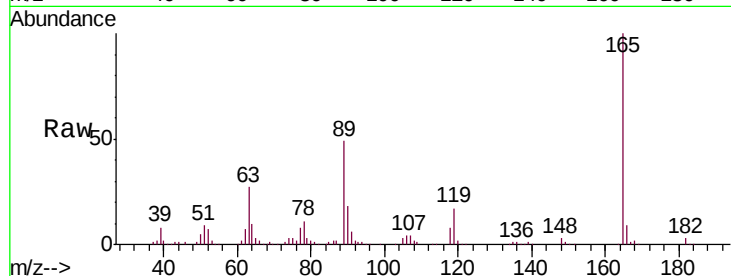




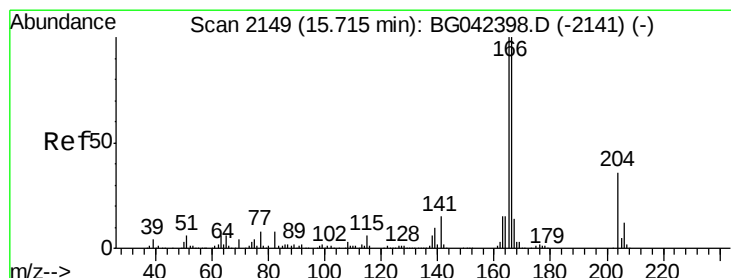
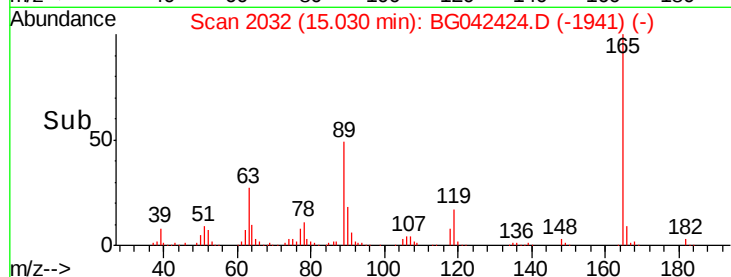
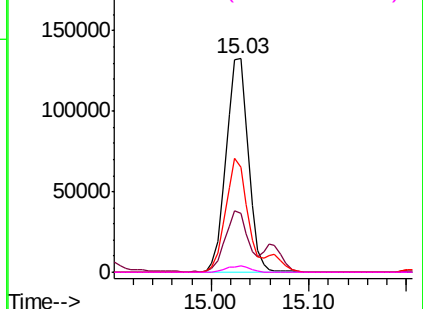
#57
 2,4-Dinitrotoluene
 Concen: 38.403 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042424.D
 Acq: 23 Aug 2019 8:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	210926
Ion Ratio	Lower	Upper
165	100	
63	27.4	22.5 33.7
89	49.2	37.8 56.6
182	3.2	3.0 4.4

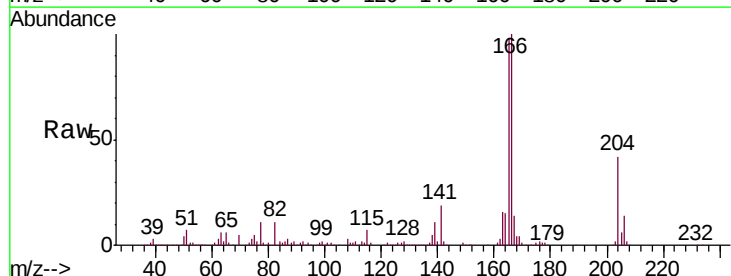


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

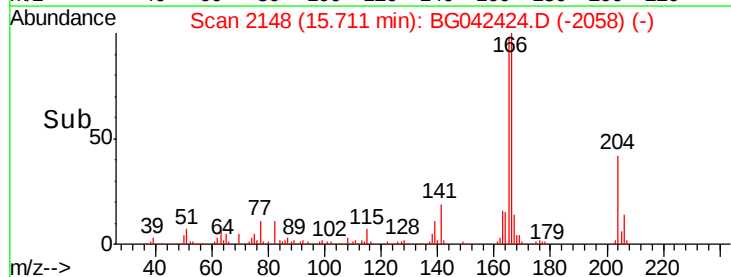
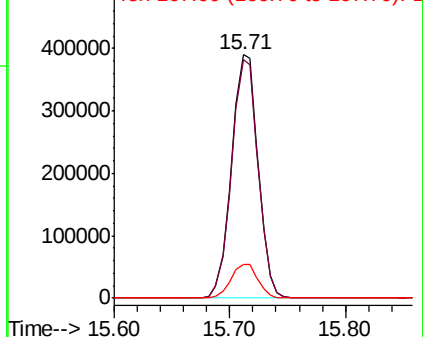


#58
 Fluorene
 Concen: 39.123 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG042424.D
 Acq: 23 Aug 2019 8:29

Tgt Ion:166	Resp:	618161
Ion Ratio	Lower	Upper
166	100	
165	98.2	79.7 119.5
167	14.1	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

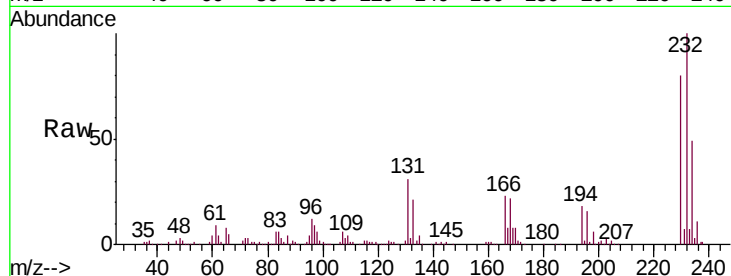




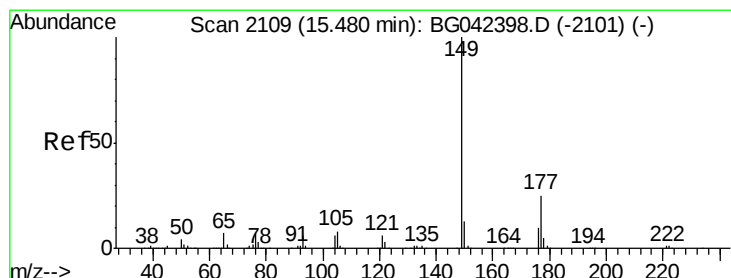
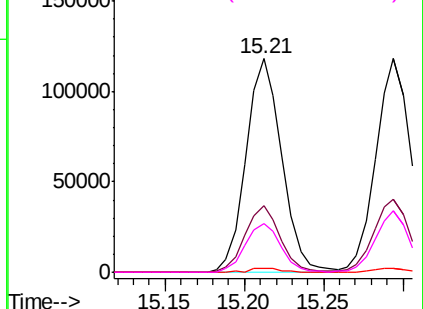
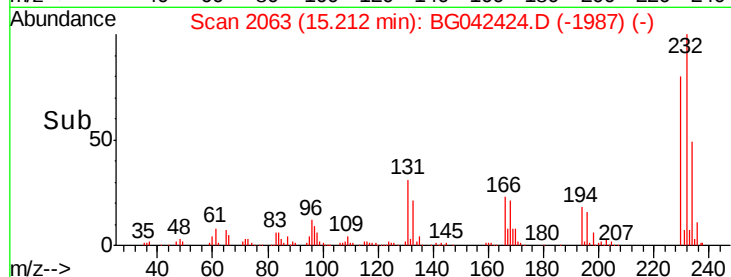
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.237 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042424.D
 Acq: 23 Aug 2019 8:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	184862
Ion Ratio	Lower	Upper
232	100	
131	30.5	22.9 34.3
130	1.5	1.4 2.0
166	22.7	17.0 25.4

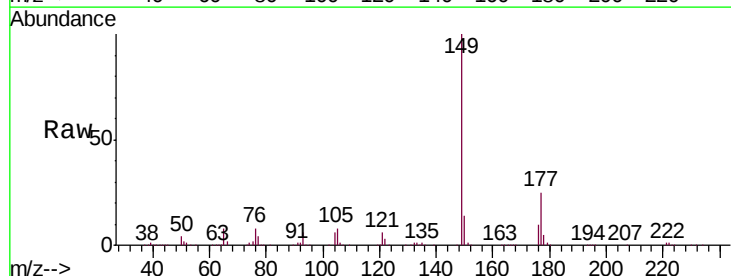


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

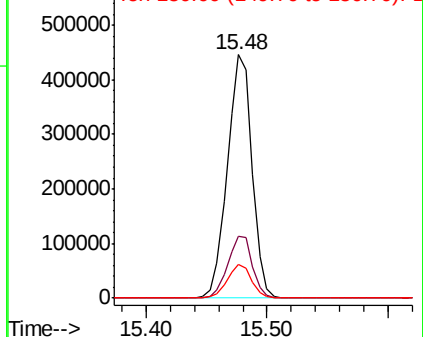
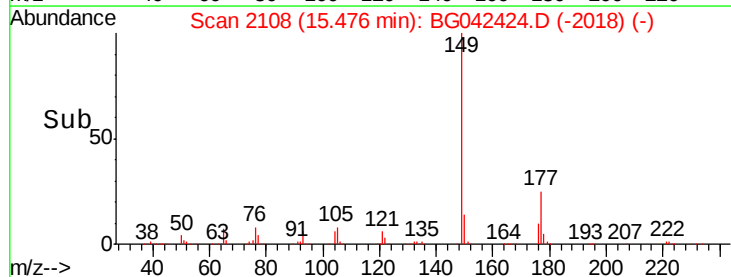


#60
 Diethylphthalate
 Concen: 38.962 ng
 RT: 15.48 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BG042424.D
 Acq: 23 Aug 2019 8:29

Tgt Ion:149	Resp:	630231
Ion Ratio	Lower	Upper
149	100	
177	25.2	20.4 30.6
150	13.9	10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

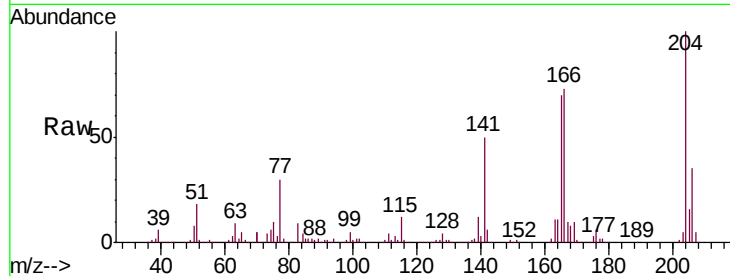




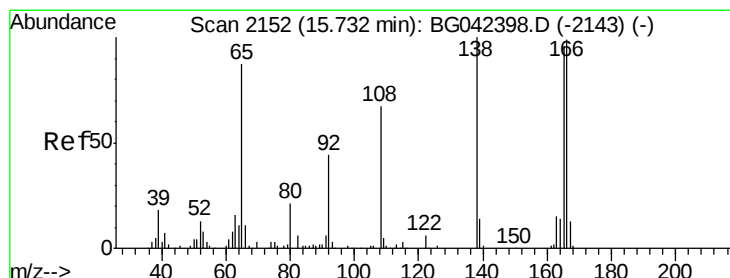
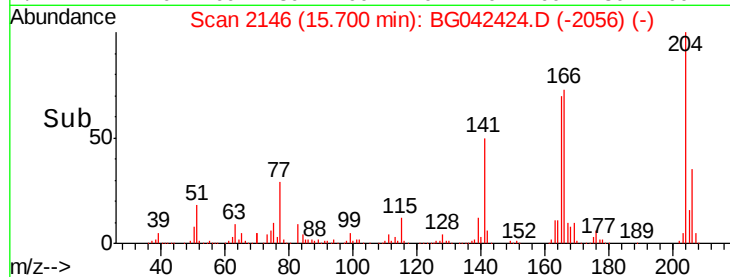
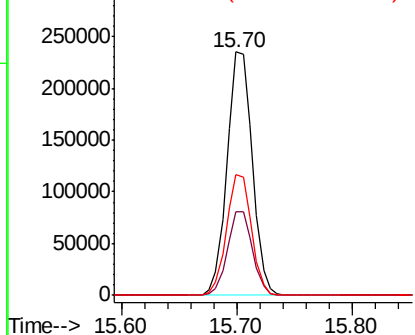
#61
 4-Chlorophenyl-phenylether
 Concen: 37.267 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG042424.D
 Acq: 23 Aug 2019 8:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 354960
 Ion Ratio Lower Upper
 204 100
 206 34.5 27.2 40.8
 141 49.5 38.7 58.1

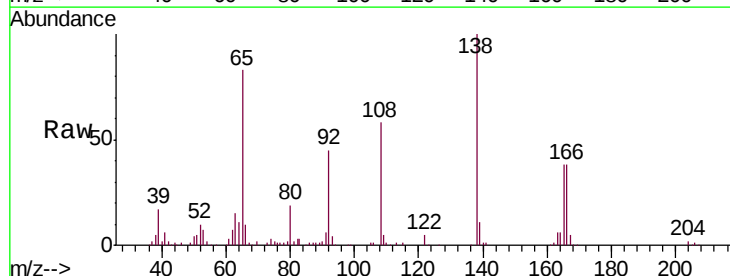


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

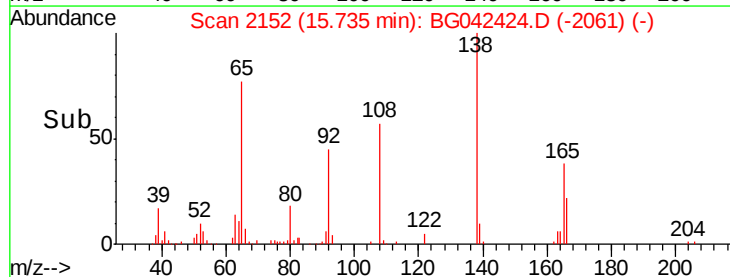
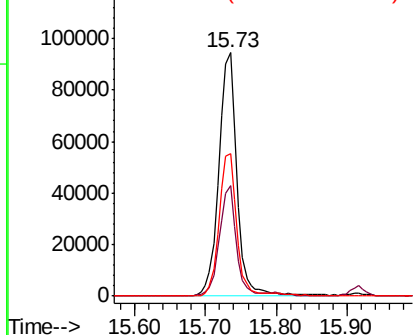


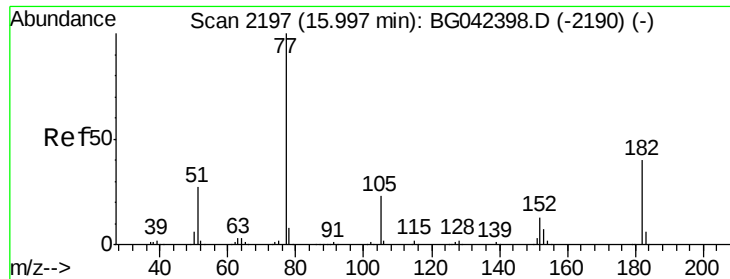
#62
 4-Nitroaniline
 Concen: 41.167 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG042424.D
 Acq: 23 Aug 2019 8:29

Tgt Ion:138 Resp: 169006
 Ion Ratio Lower Upper
 138 100
 92 45.1 24.2 64.2
 108 58.3 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

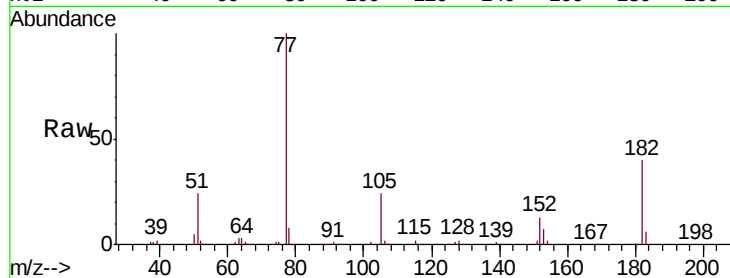




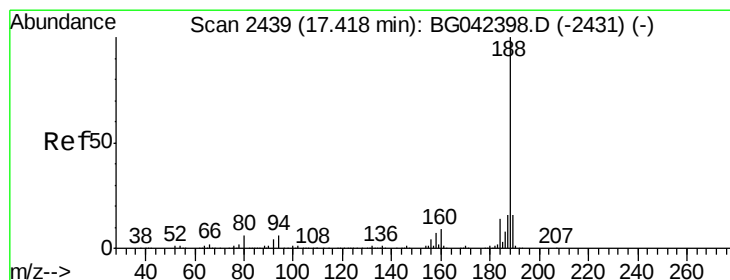
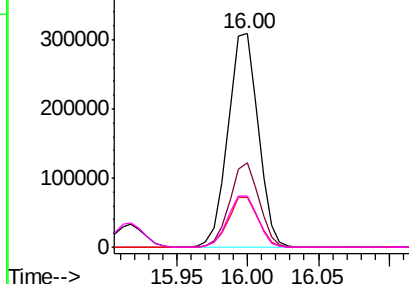
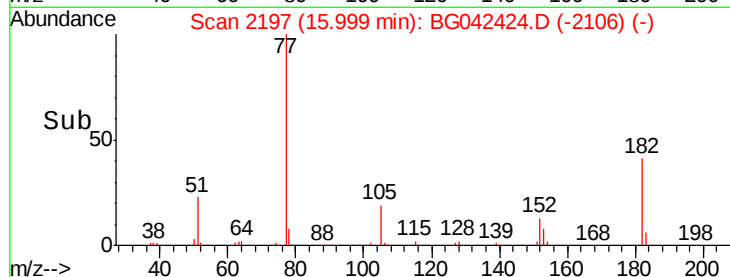
#63
Azobenzene
Concen: 41.497 ng
RT: 16.00 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	39.6	19.9	59.9	
105	23.6	2.9	42.9	
51	23.9	7.6	47.6	

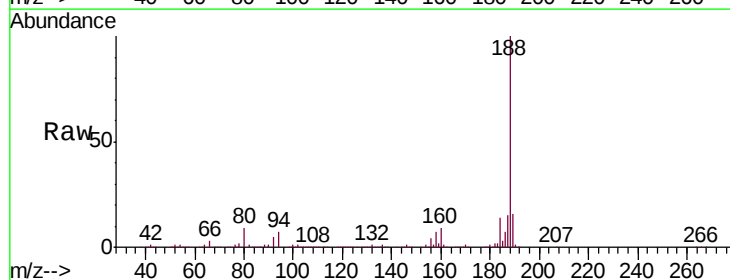


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

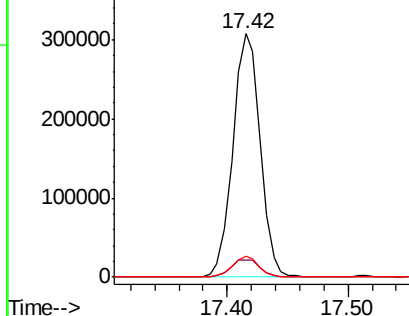
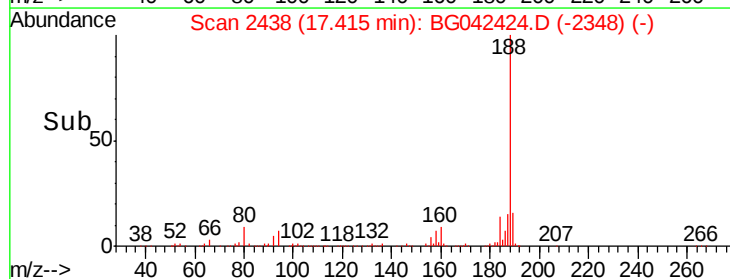


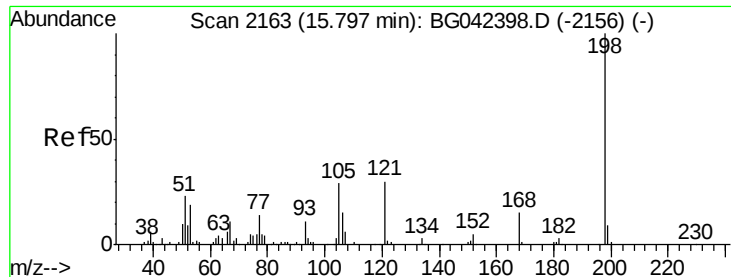
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.0	4.5	6.7#	
80	8.5	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: 38.549 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Instrument :

BNA_G

ClientSampled :

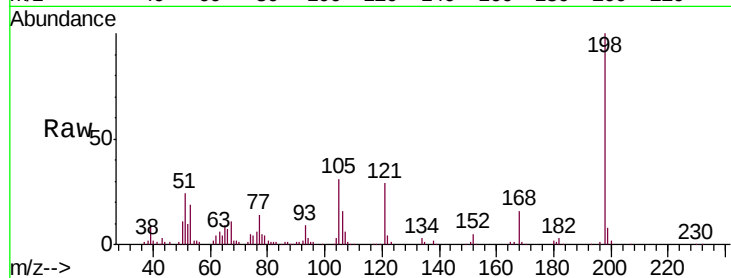
Tot Ion:198 Resp: 116668

Ion	Ratio	Lower	Upper
198	100		
51	24.1	4.2	44.2
105	31.3	8.8	48.8

198 100

51 24.1 4.2 44.2

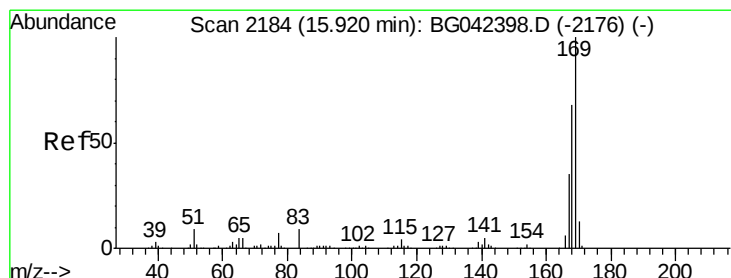
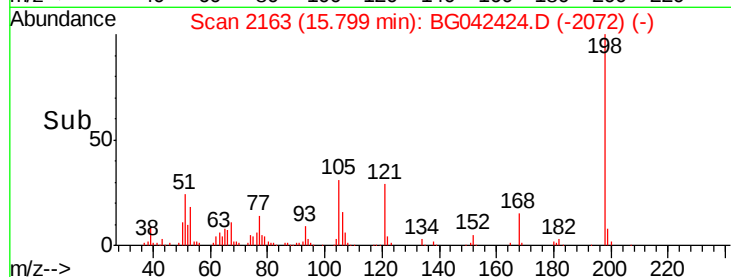
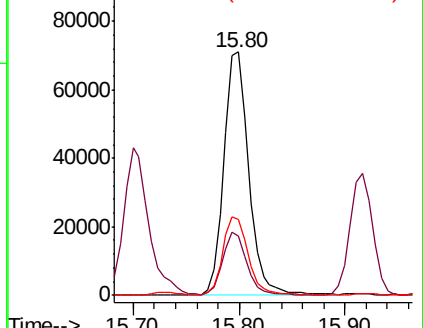
105 31.3 8.8 48.8



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: 44.342 ng

RT: 15.92 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

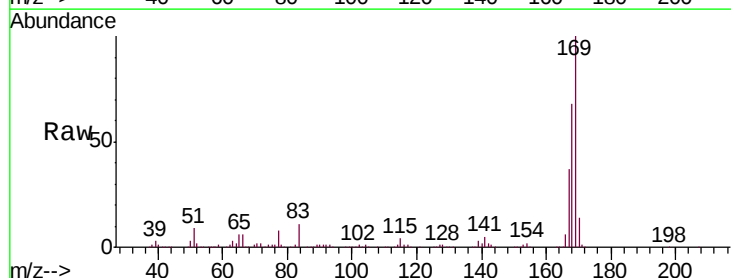
Tgt Ion:169 Resp: 588648

Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.3	81.5
167	37.1	28.2	42.2

169 100

168 68.0 54.3 81.5

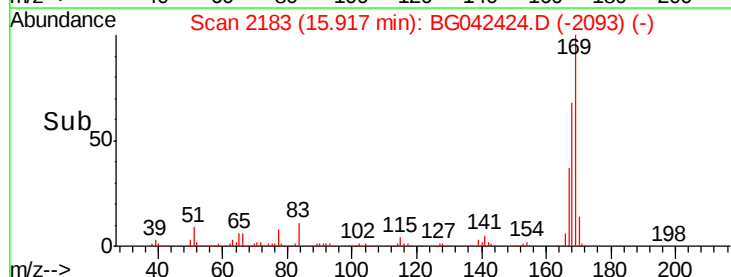
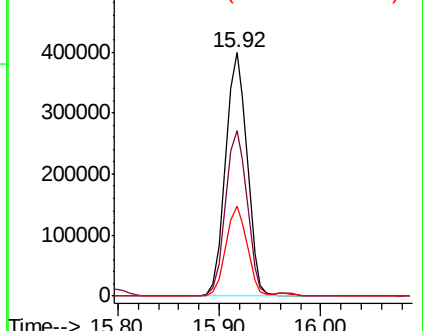
167 37.1 28.2 42.2



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

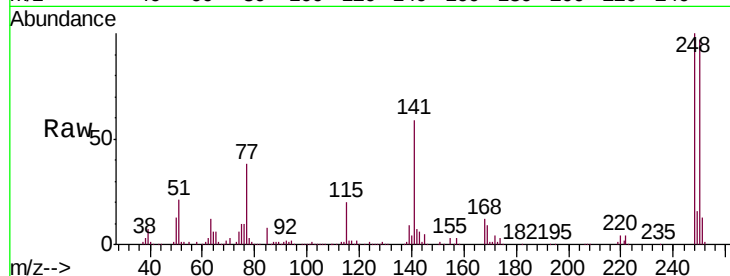




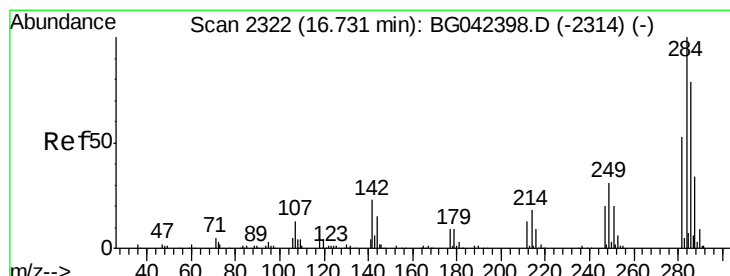
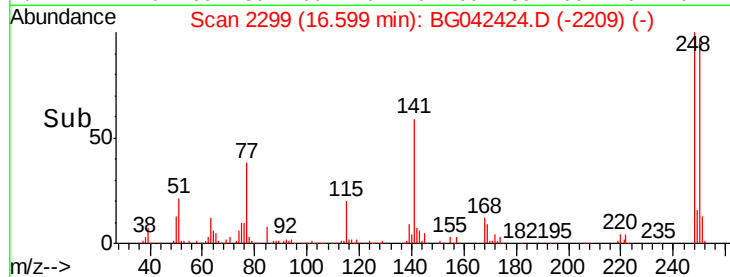
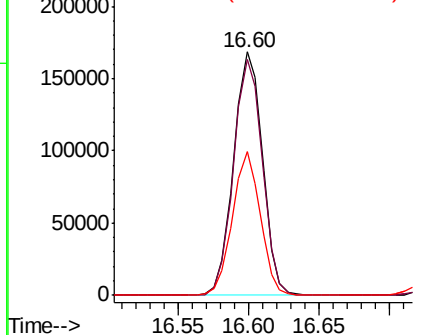
#67
 4-Bromophenyl-phenylether
 Concen: 39.311 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BG042424.D
 Acq: 23 Aug 2019 8:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.9	118.3
141	59.0	43.3	64.9

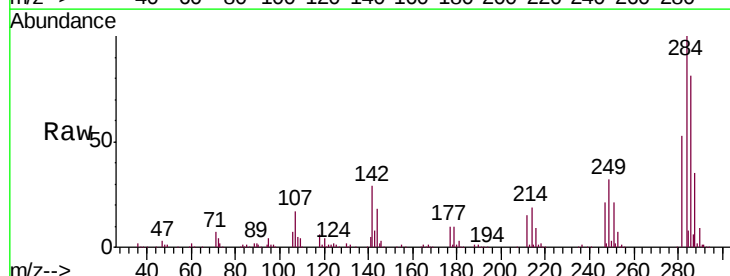


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

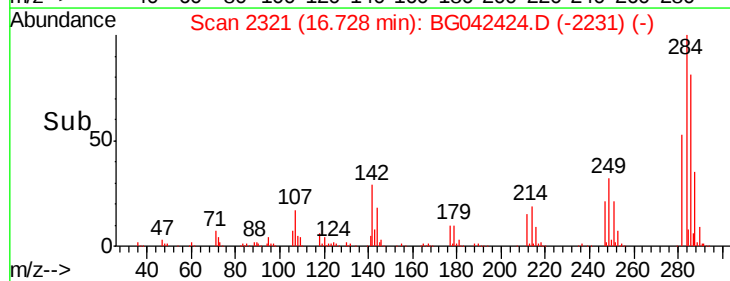
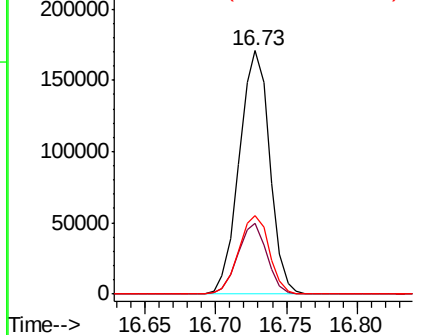


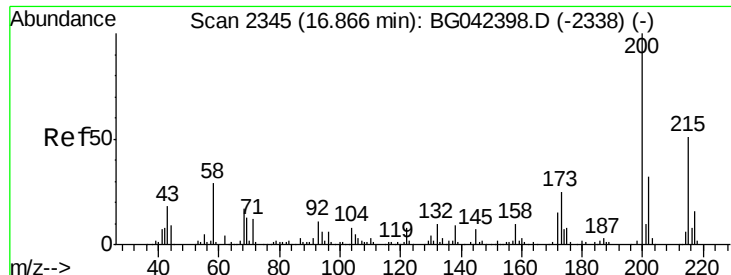
#68
 Hexachlorobenzene
 Concen: 38.633 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.00 min
 Lab File: BG042424.D
 Acq: 23 Aug 2019 8:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.2	18.2	27.4#
249	32.3	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

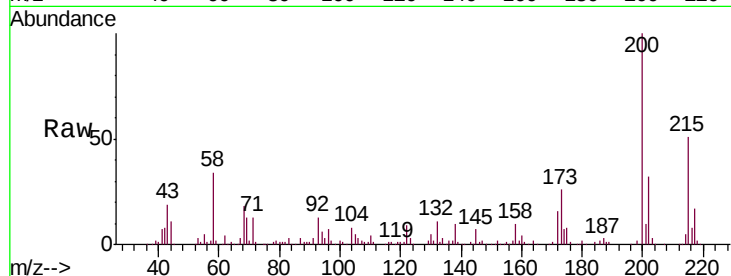




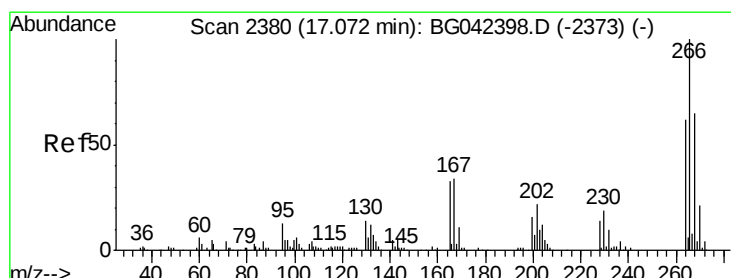
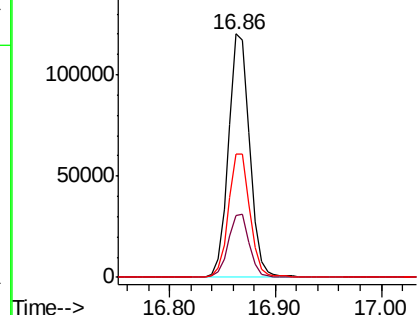
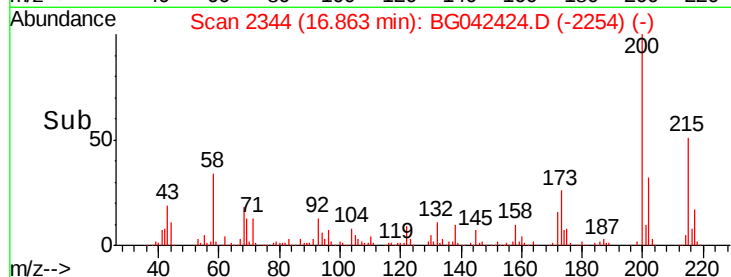
#69
 Atrazine
 Concen: 35.509 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.00 min
 Lab File: BG042424.D
 Acq: 23 Aug 2019 8:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	4.9	44.9
215	50.5	30.7	70.7

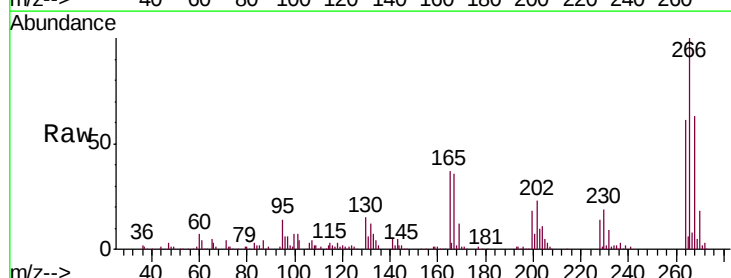


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

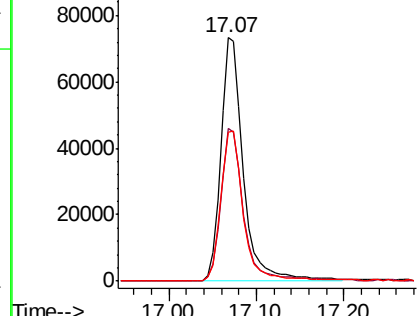
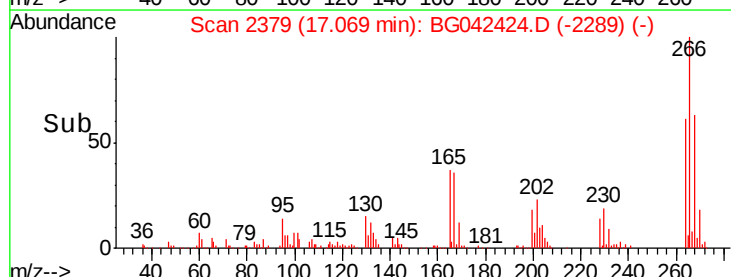


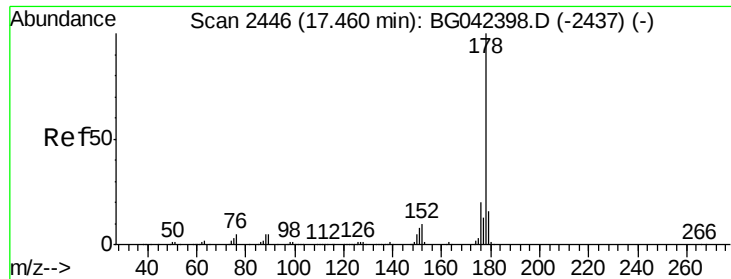
#70
 Pentachlorophenol
 Concen: 37.651 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.00 min
 Lab File: BG042424.D
 Acq: 23 Aug 2019 8:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	52.1	78.1
264	61.4	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

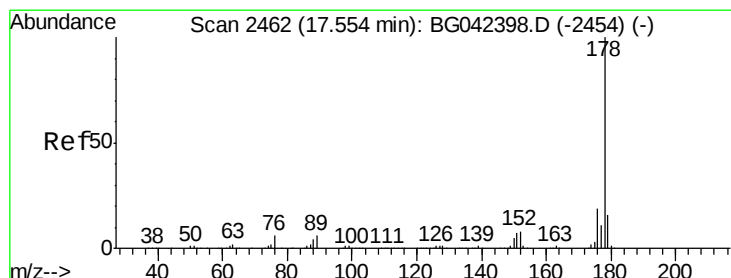
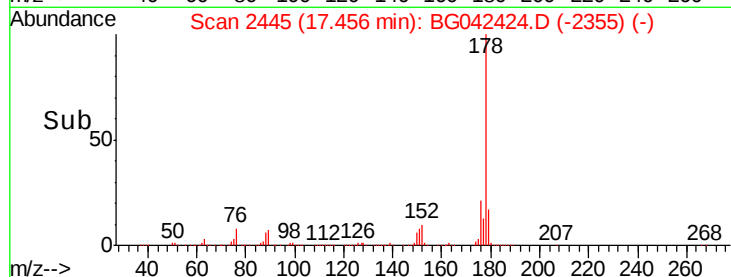
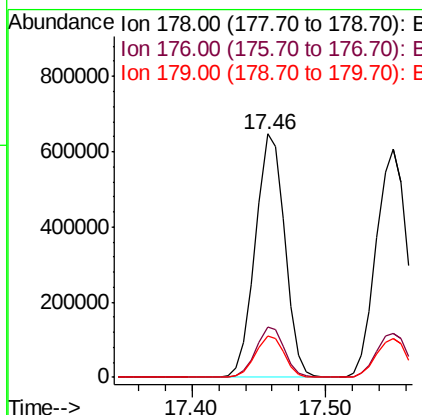
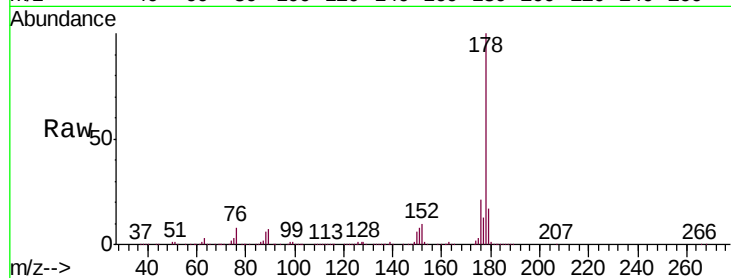




#71
Phenanthrene
Concen: 41.090 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

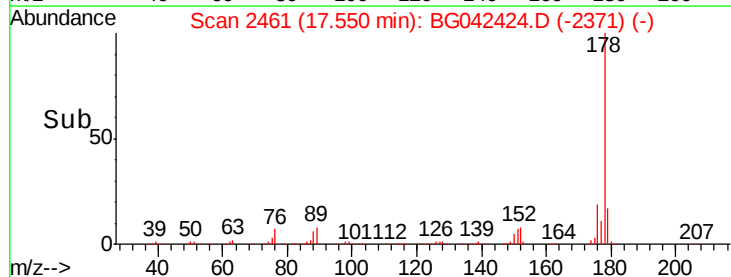
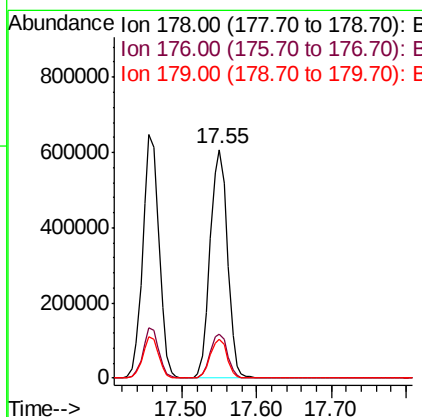
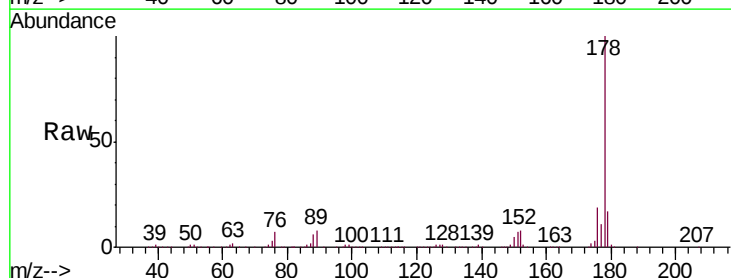
Instrument :
BNA_G
ClientSampleId :

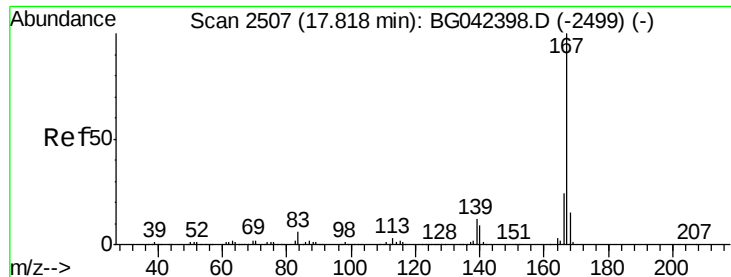
Tot Ion:178 Resp: 985249
Ion Ratio Lower Upper
178 100
176 20.7 15.9 23.9
179 16.9 12.7 19.1



#72
Anthracene
Concen: 40.732 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Tgt Ion:178 Resp: 975000
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 16.9 12.9 19.3





#73

Carbazole

Concen: 41.638 ng

RT: 17.82 min Scan# 2507

Delta R.T. 0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

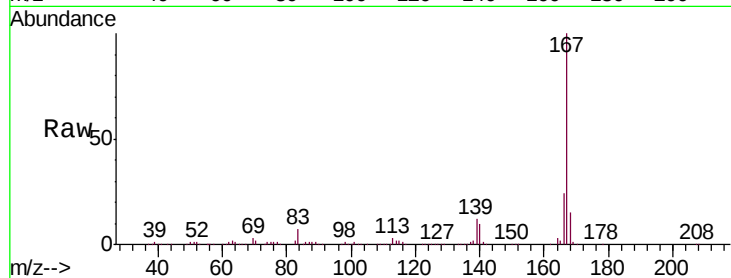
Tot Ion:167 Resp: 888279

Ion Ratio Lower Upper

167 100

166 24.3 18.9 28.3

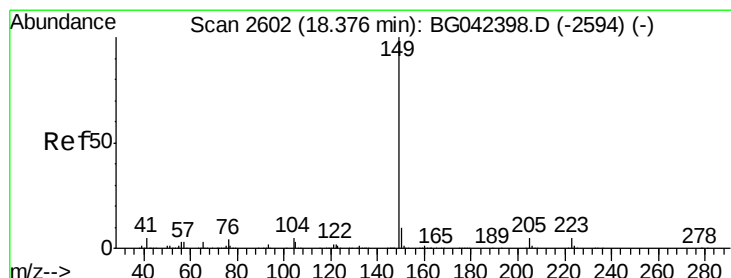
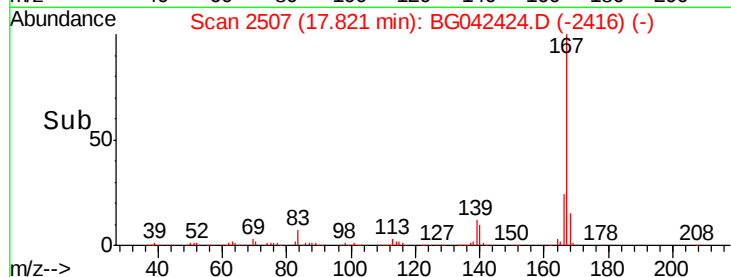
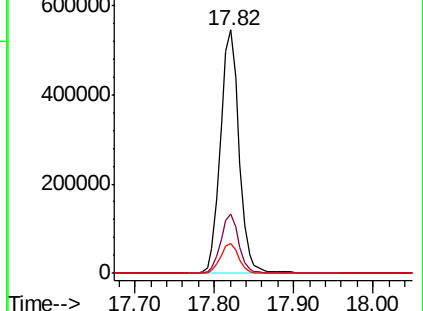
139 12.1 9.8 14.6



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: 41.031 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

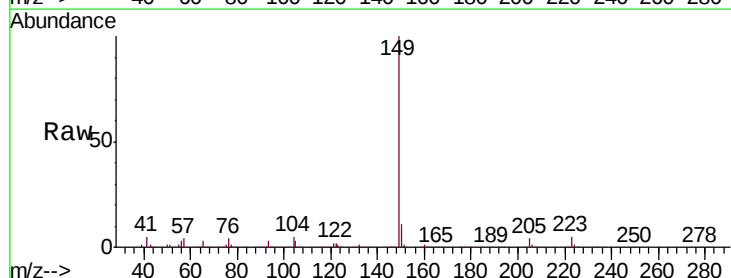
Tgt Ion:149 Resp: 1034731

Ion Ratio Lower Upper

149 100

150 10.9 8.1 12.1

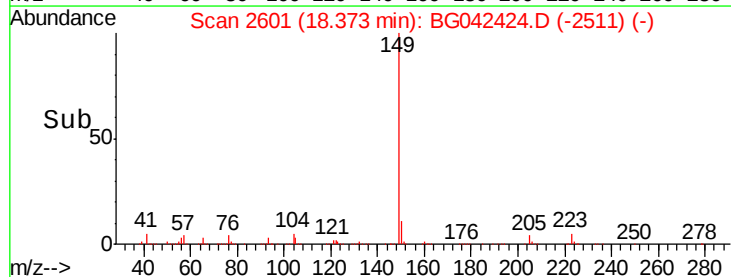
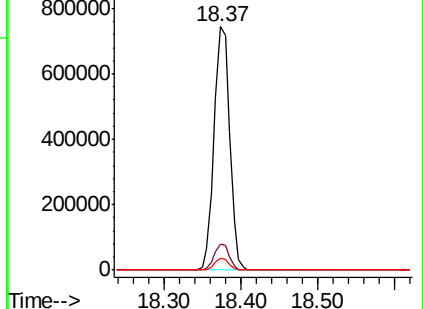
104 4.7 3.7 5.5

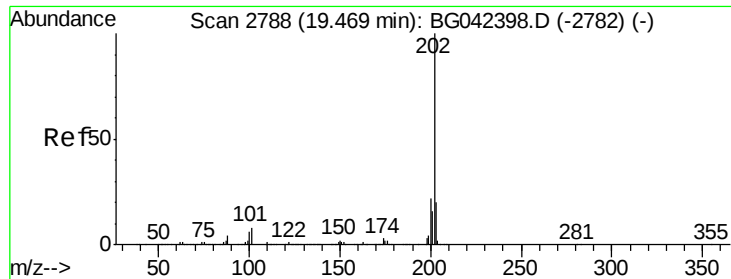


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.869 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Instrument :

BNA_G

ClientSampled :

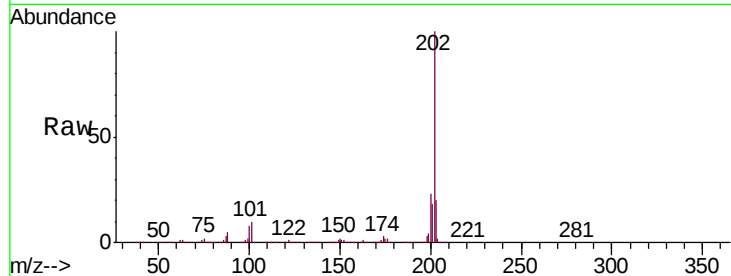
Tot Ion:202 Resp: 1137411

Ion Ratio Lower Upper

202 100

101 9.8 0.0 28.3

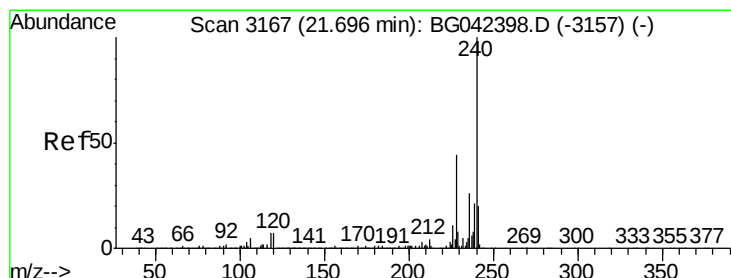
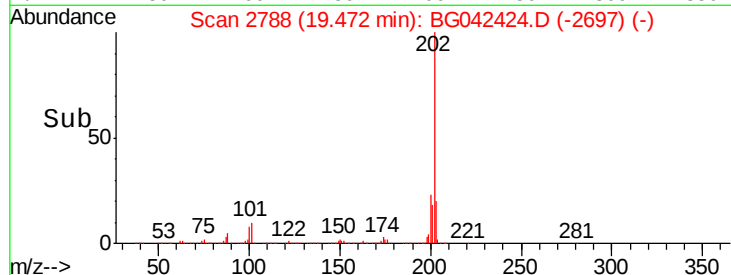
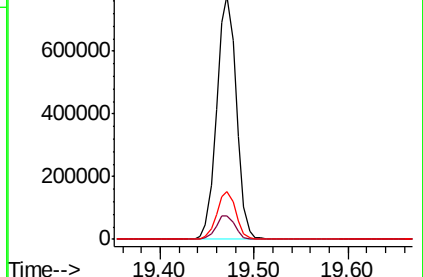
203 19.8 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

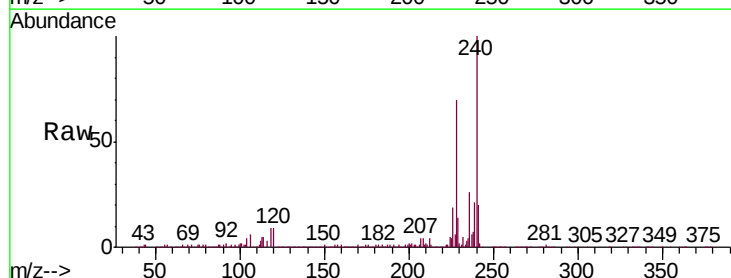
Tgt Ion:240 Resp: 439244

Ion Ratio Lower Upper

240 100

120 8.6 5.7 8.5#

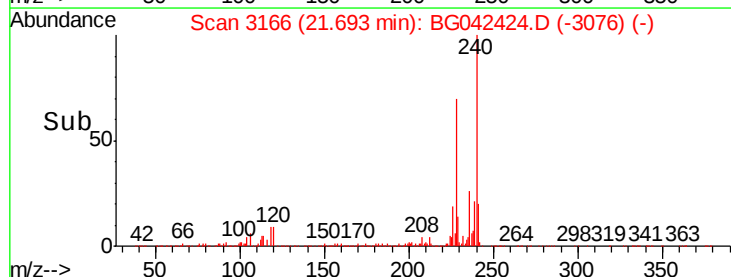
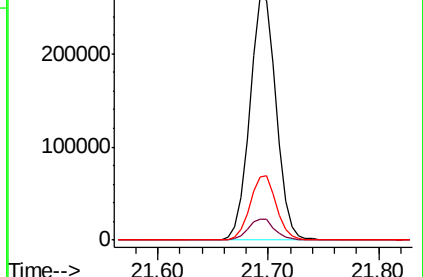
236 26.2 21.0 31.4

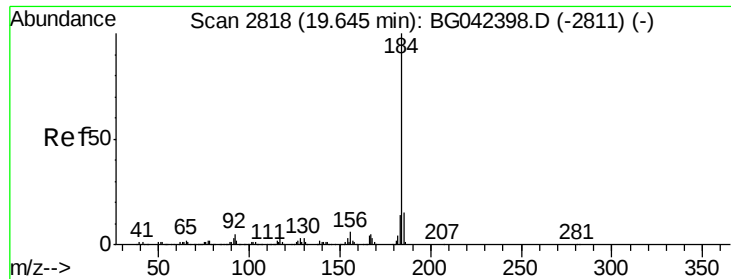


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.684 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

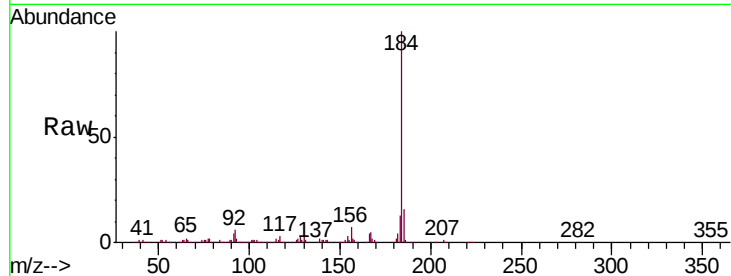
Tot Ion:184 Resp: 461979

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.4

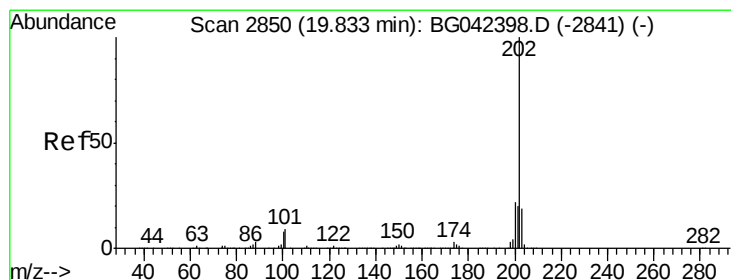
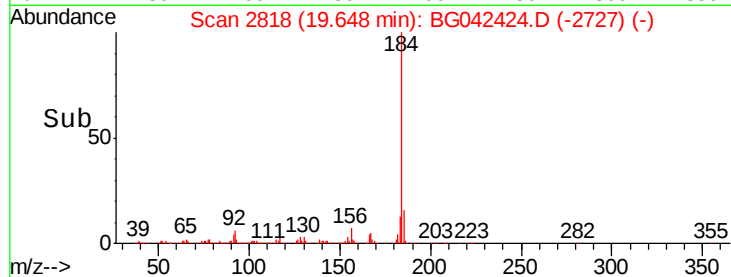
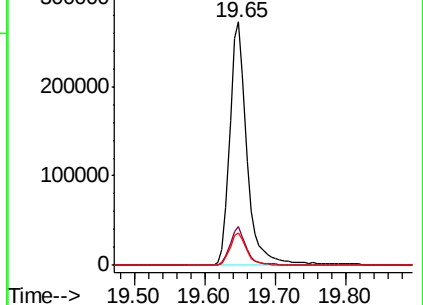
183 13.2 10.8 16.2



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: 42.169 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

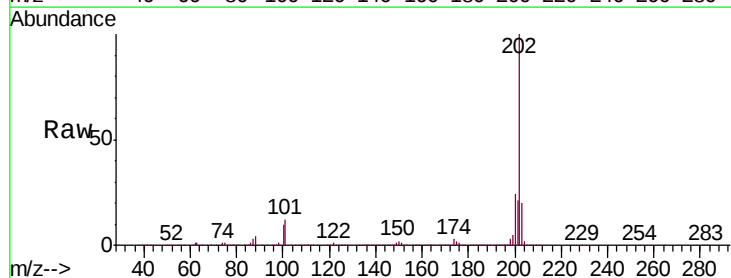
Tgt Ion:202 Resp: 1135604

Ion Ratio Lower Upper

202 100

200 23.6 17.8 26.6

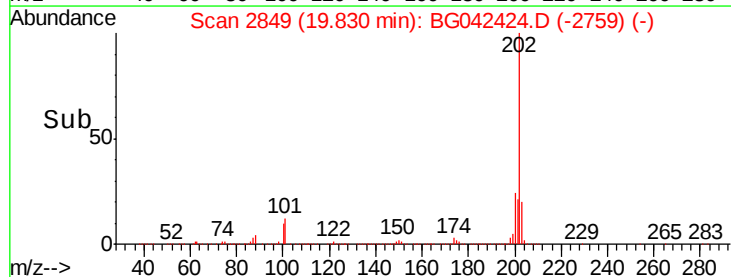
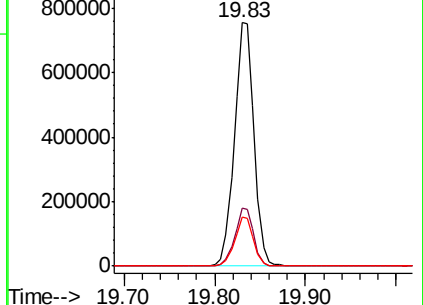
203 19.9 15.5 23.3

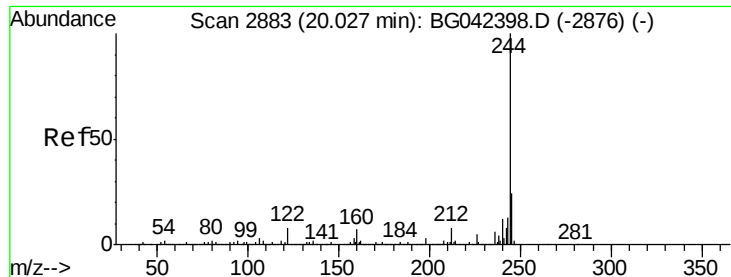


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.687 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

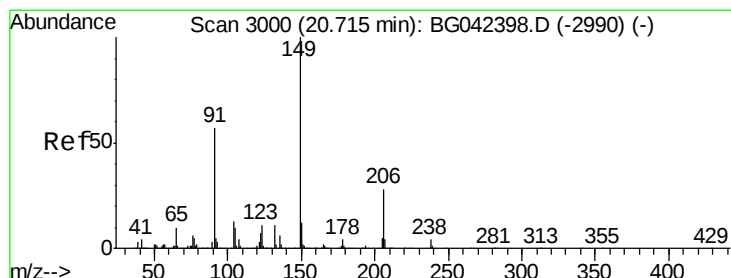
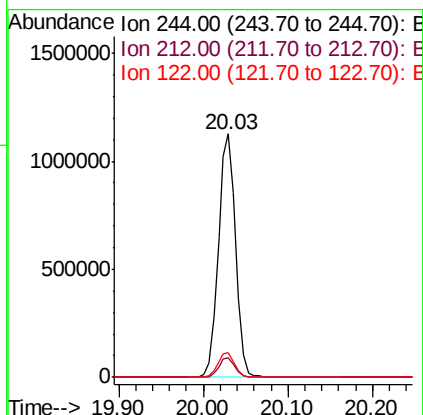
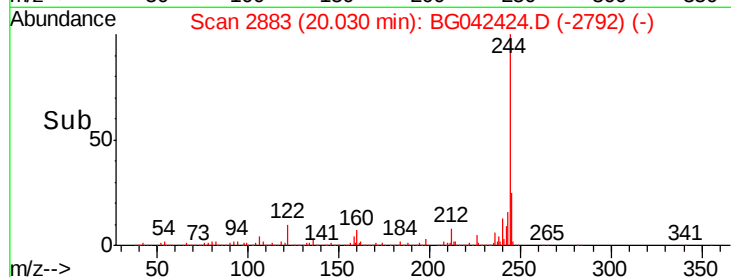
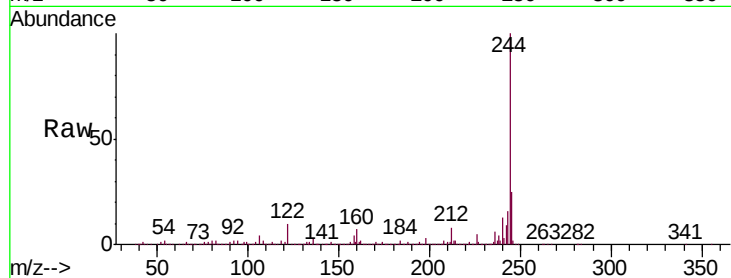
Tot Ion:244 Resp: 1598707

Ion Ratio Lower Upper

244 100

212 8.2 6.0 9.0

122 10.2 6.7 10.1#



#80

Butylbenzylphthalate

Concen: 53.353 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

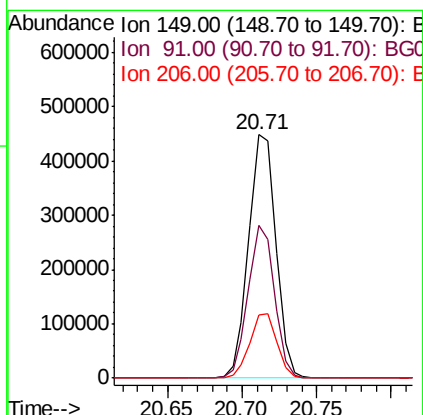
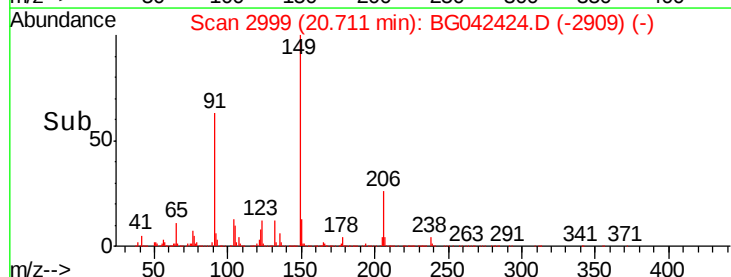
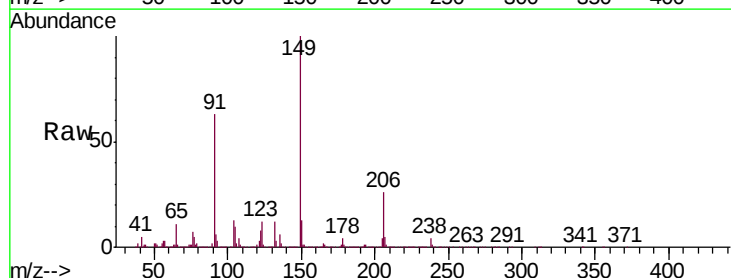
Tgt Ion:149 Resp: 565116

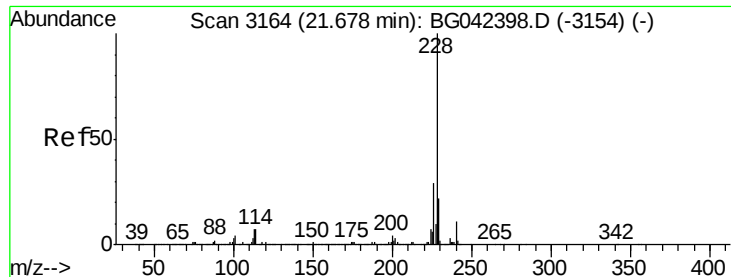
Ion Ratio Lower Upper

149 100

91 62.7 45.9 68.9

206 26.2 22.5 33.7





#81

Benzo(a)anthracene

Concen: 41.541 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

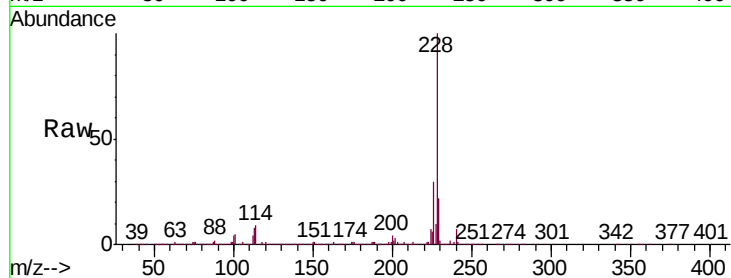
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1109988

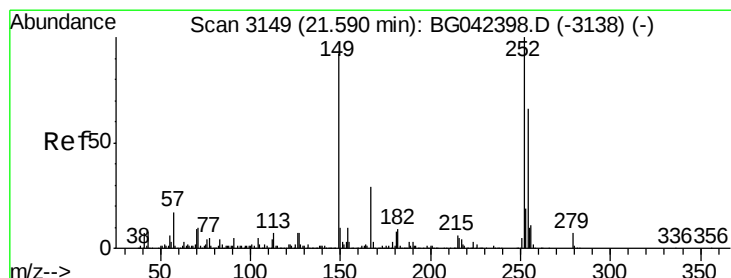
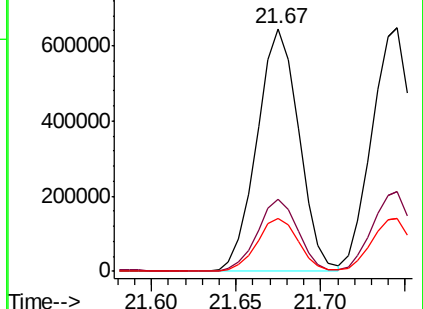
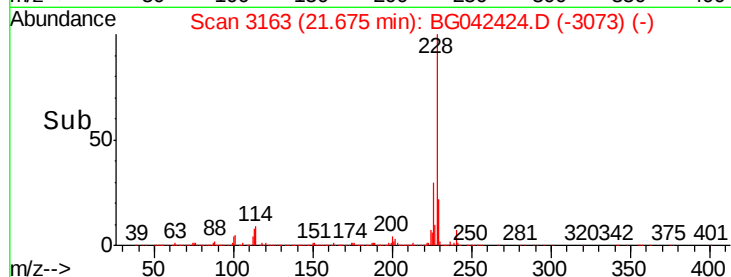
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	22.0	17.4	26.2



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: 39.914 ng

RT: 21.59 min Scan# 3148

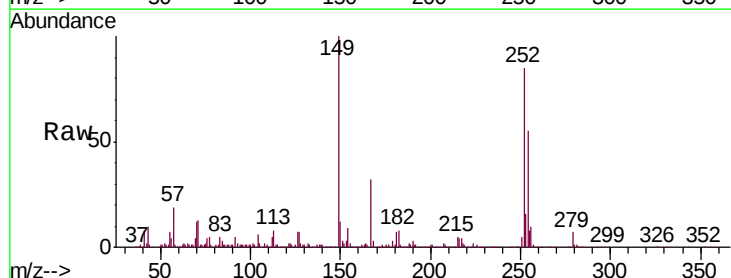
Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Tgt Ion:252 Resp: 428925

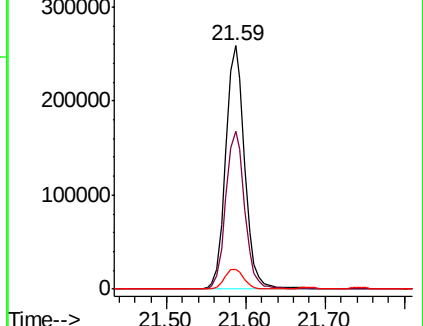
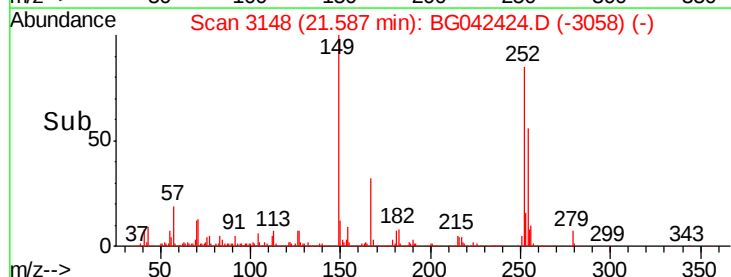
Ion	Ratio	Lower	Upper
252	100		
254	65.1	53.0	79.4
126	8.1	5.7	8.5



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

Chrysene

Concen: 42.543 ng

RT: 21.75 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

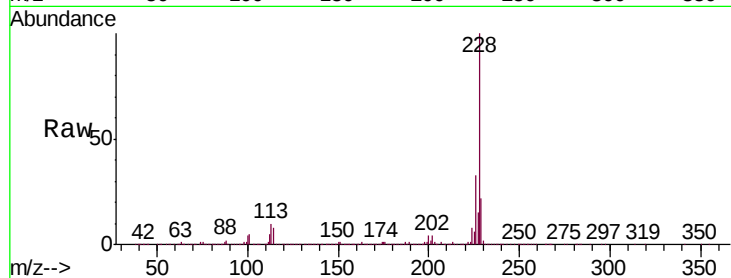
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1096307

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	21.5	16.9	25.3

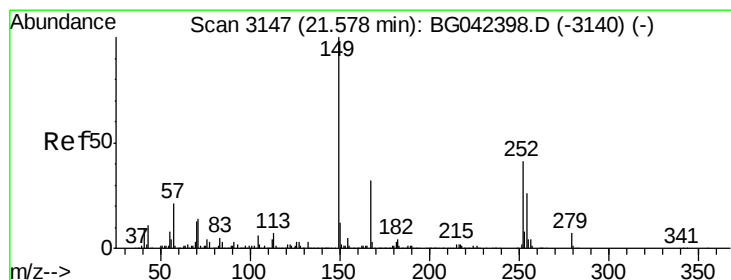
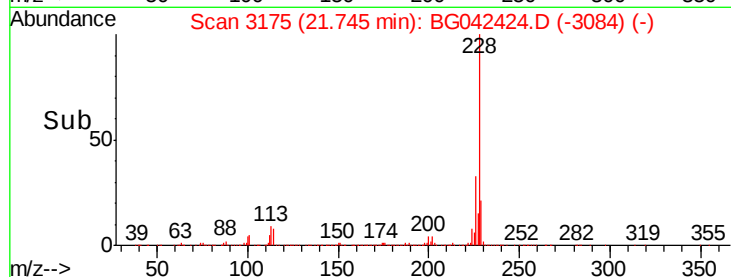
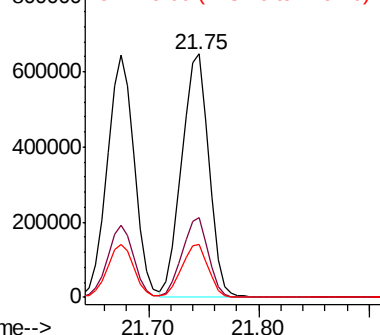


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.325 ng

RT: 21.58 min Scan# 3147

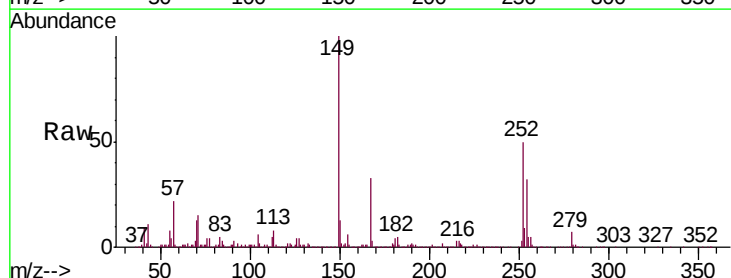
Delta R.T. 0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Tgt Ion:149 Resp: 651867

Ion	Ratio	Lower	Upper
149	100		
167	32.8	26.0	39.0
279	6.8	5.4	8.0

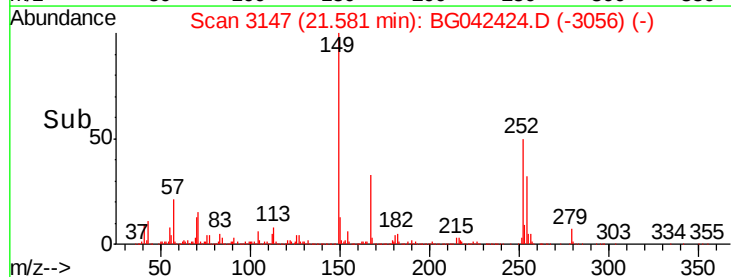
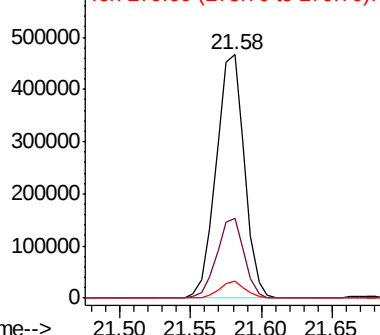


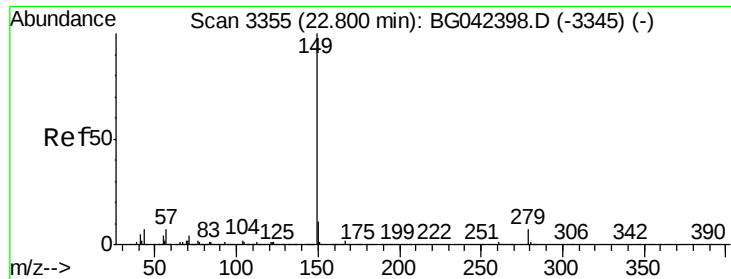
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

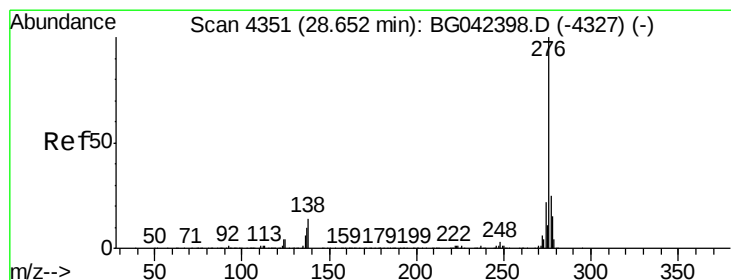
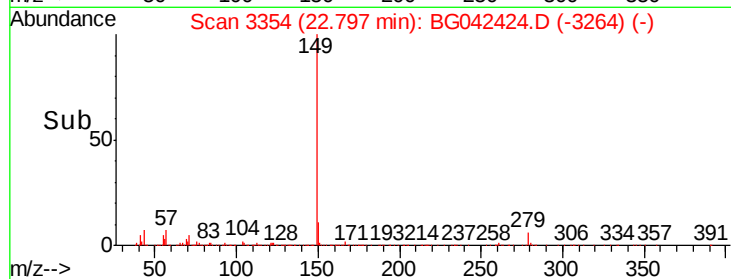
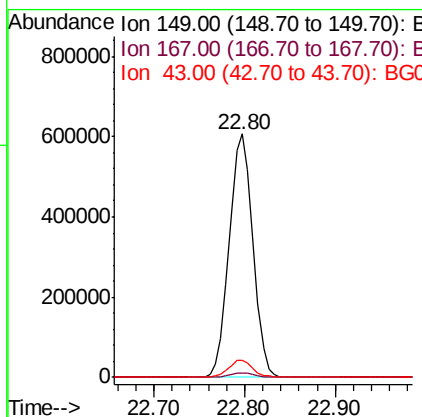
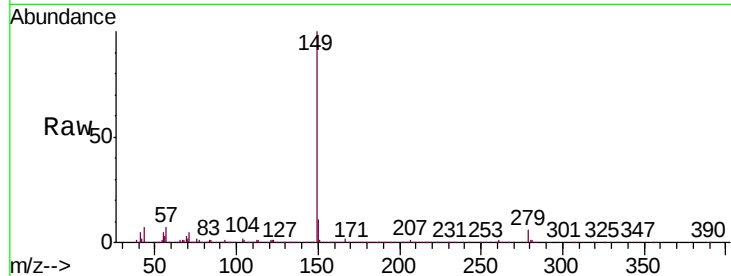




#85
Di-n-octyl phthalate
Concen: 43.534 ng
RT: 22.80 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

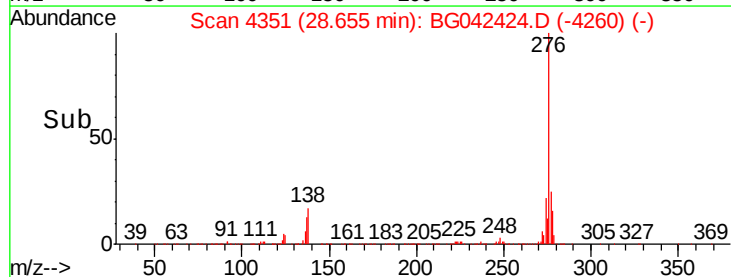
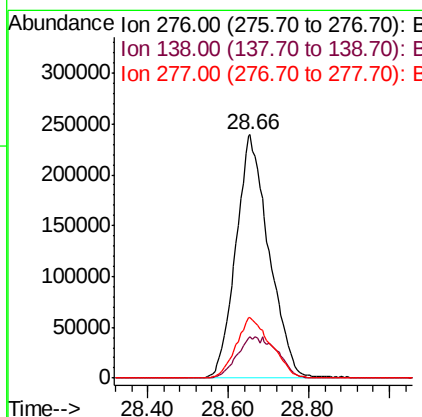
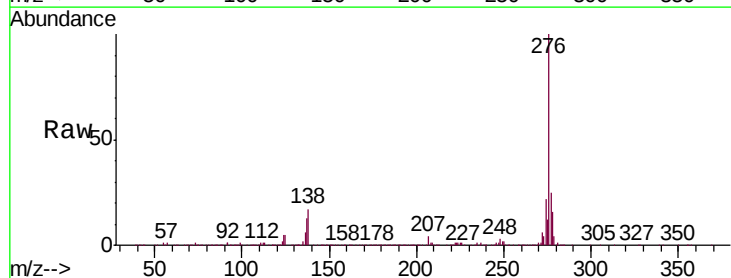
Instrument :
BNA_G
ClientSampleId :

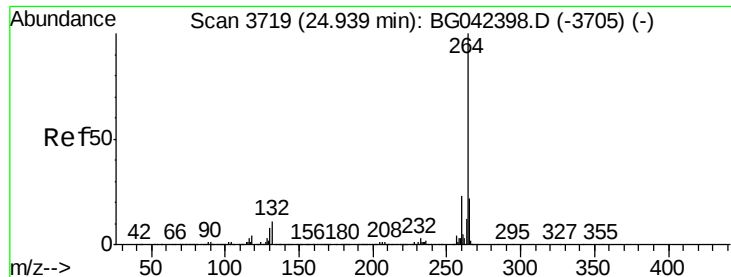
Tot Ion:149 Resp: 1101151
Ion Ratio Lower Upper
149 100
167 1.9 1.6 2.4
43 6.8 5.3 7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.066 ng
RT: 28.66 min Scan# 4351
Delta R.T. 0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Tgt Ion:276 Resp: 1368056
Ion Ratio Lower Upper
276 100
138 20.6 9.2 13.8#
277 26.3 21.0 31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

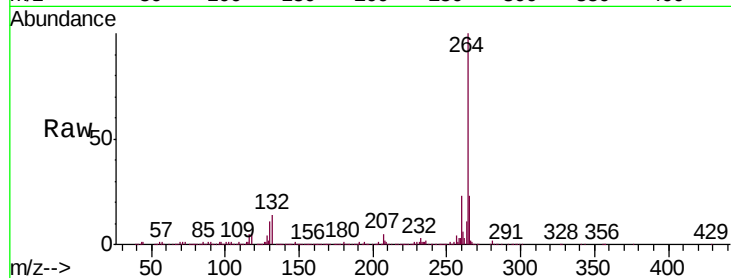
Tot Ion:264 Resp: 523560

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

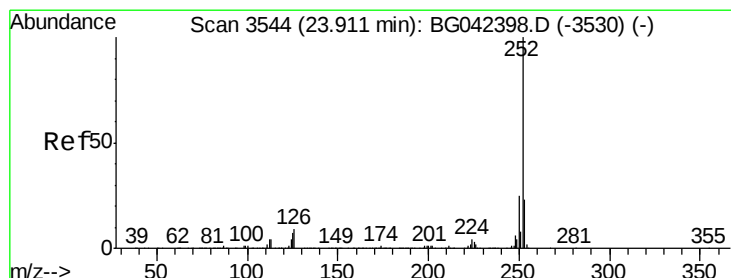
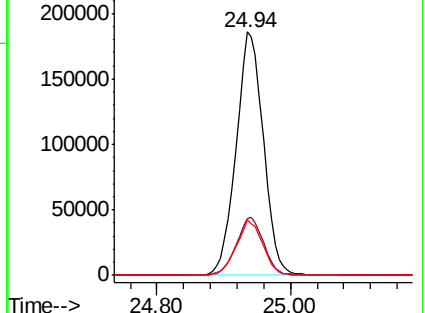
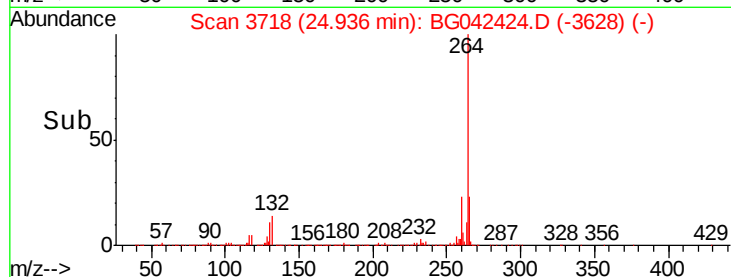
265 22.8 17.6 26.4



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: 39.850 ng

RT: 23.91 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

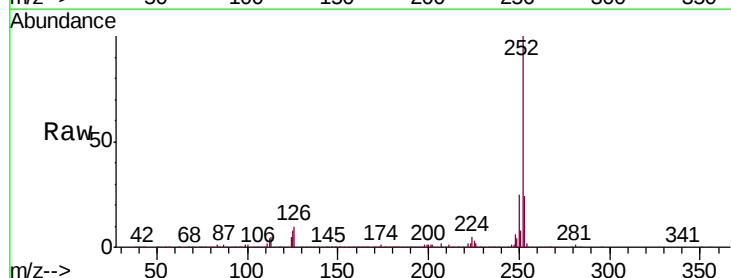
Tgt Ion:252 Resp: 1147024

Ion Ratio Lower Upper

252 100

253 23.8 18.6 27.8

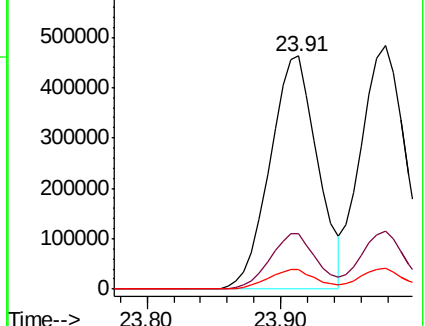
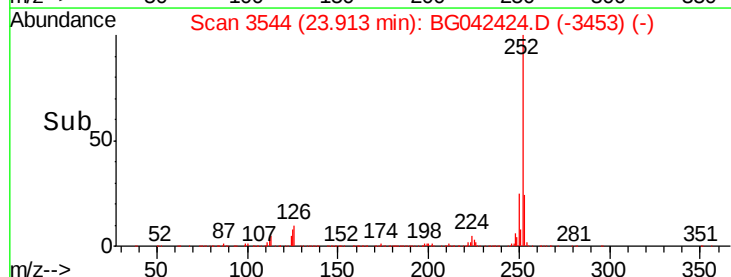
125 8.2 5.6 8.4

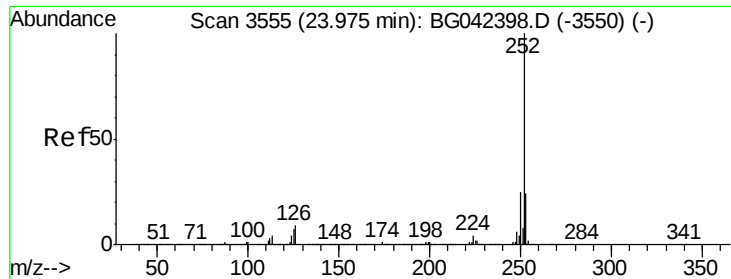


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.599 ng

RT: 23.98 min Scan# 3555

Delta R.T. 0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

Instrument :

BNA_G

ClientSampleId :

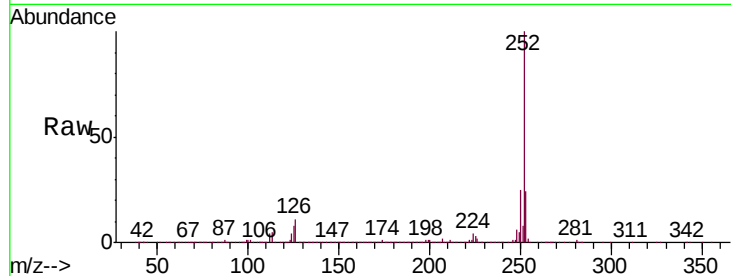
Tot Ion:252 Resp: 1123251

Ion Ratio Lower Upper

252 100

253 24.0 18.6 27.8

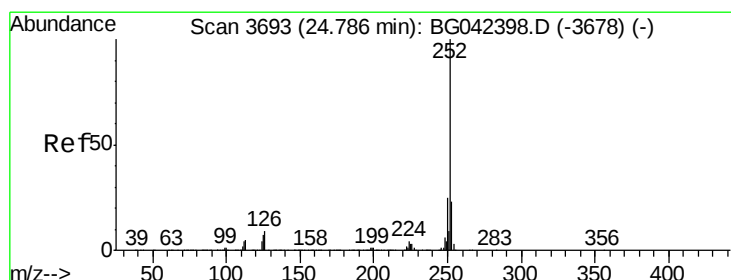
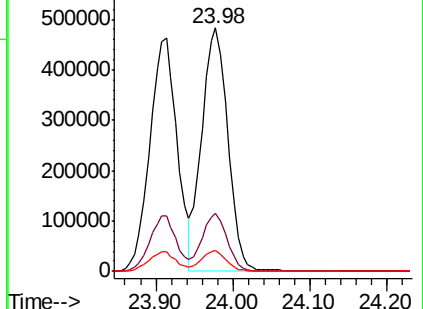
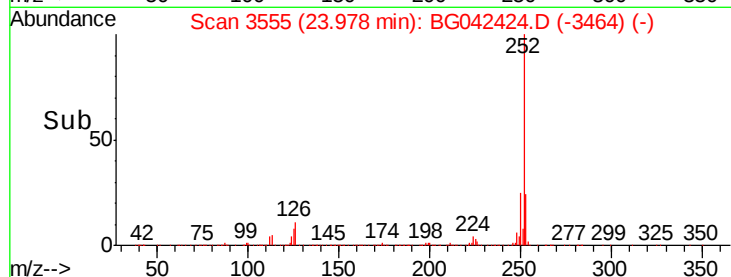
125 8.3 5.8 8.6



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: 40.934 ng

RT: 24.79 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG042424.D

Acq: 23 Aug 2019 8:29

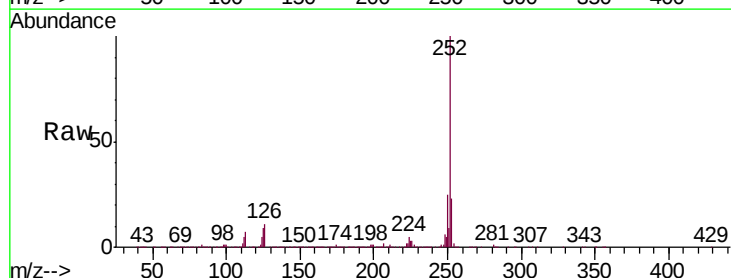
Tgt Ion:252 Resp: 1118036

Ion Ratio Lower Upper

252 100

253 23.4 18.4 27.6

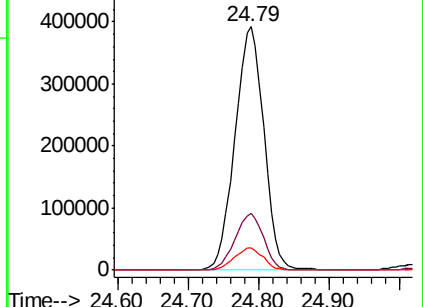
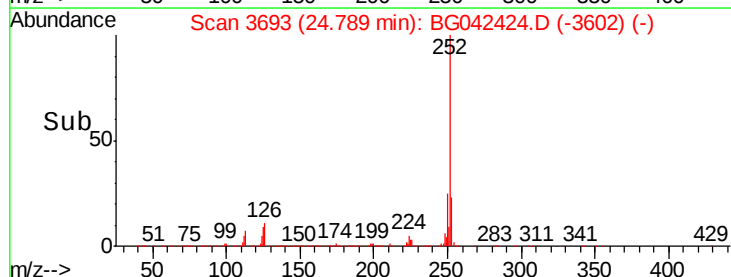
125 9.1 6.0 9.0#

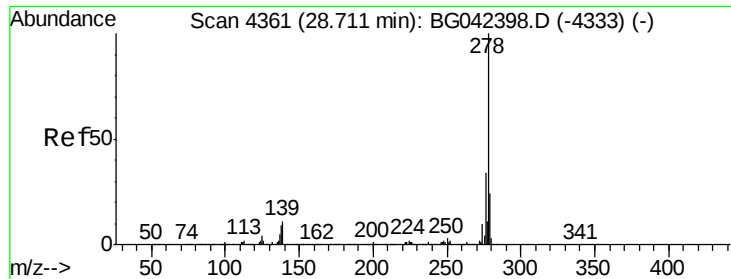


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

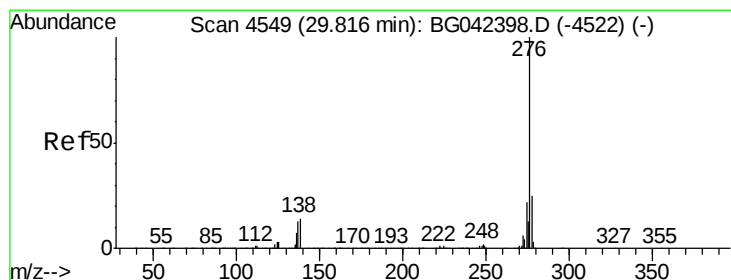
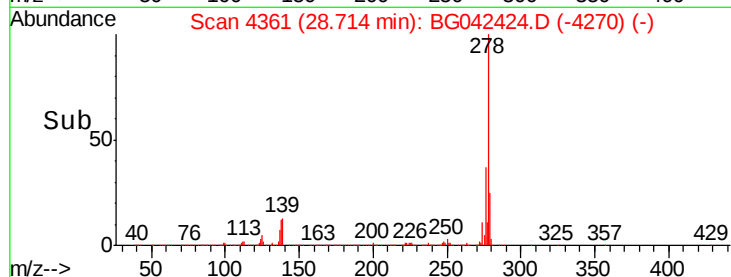
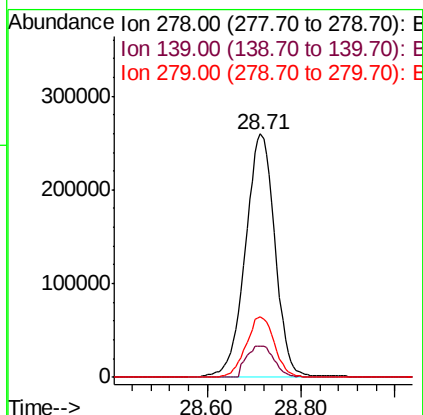
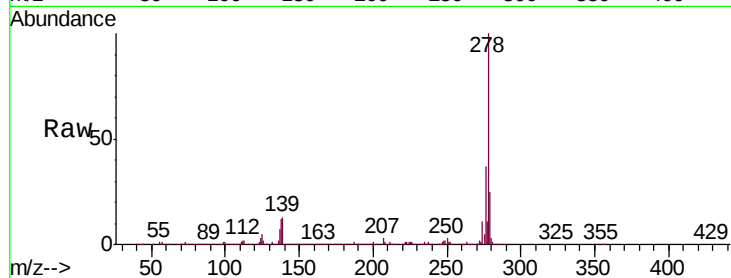




#91
Dibenzo(a,h)anthracene
Concen: 41.085 ng
RT: 28.71 min Scan# 4361
Delta R.T. 0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1136186
Ion Ratio Lower Upper
278 100
139 12.8 8.8 13.2
279 24.7 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 40.208 ng
RT: 29.82 min Scan# 4549
Delta R.T. 0.00 min
Lab File: BG042424.D
Acq: 23 Aug 2019 8:29

Tgt Ion:276 Resp: 1112117
Ion Ratio Lower Upper
276 100
277 24.8 19.8 29.8
138 16.4 11.4 17.0

