

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
 Data File : BG042712.D
 Acq On : 4 Sep 2019 17:58
 Operator : HP/JU
 Sample : PB122793BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122793BS

Quant Time: Sep 05 01:09:28 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	29238	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	118294	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	89125	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	219594	20.00	ng	0.00
76) Chrysene-d12	21.69	240	234661	20.00	ng	0.00
87) Perylene-d12	24.93	264	245905	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	176150	122.02	ng	0.00
7) Phenol-d6	7.17	99	218041	111.81	ng	0.00
23) Nitrobenzene-d5	9.17	82	112440	65.68	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	158406	125.05	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	388955	73.81	ng	0.00
79) Terphenyl-d14	20.02	244	777734	71.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	23162	38.446	ng	# 93
3) Pyridine	3.82	79	49318	31.924	ng	98
4) n-Nitrosodimethylamine	3.73	42	24984	45.280	ng	89
6) Aniline	7.32	93	71380	27.444	ng	99
8) 2-Chlorophenol	7.57	128	79218	45.278	ng	98
9) Benzaldehyde	7.13	77	37206	38.110	ng	98
10) Phenol	7.20	94	84970	42.856	ng	95
11) bis(2-Chloroethyl)ether	7.41	93	60126	38.613	ng	97
12) 1,3-Dichlorobenzene	7.89	146	92081	41.372	ng	100
13) 1,4-Dichlorobenzene	8.04	146	96088	42.621	ng	98
14) 1,2-Dichlorobenzene	8.35	146	89716	41.554	ng	100
15) Benzyl Alcohol	8.24	79	57188	40.763	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.53	45	75500	35.773	ng	99
17) 2-Methylphenol	8.45	107	62560	42.839	ng	95
18) Hexachloroethane	9.09	117	31146	40.355	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	46431	36.753	ng	# 93
20) 3+4-Methylphenols	8.78	107	83175	41.160	ng	98
22) Acetophenone	8.83	105	107965	42.672	ng	# 95
24) Nitrobenzene	9.21	77	71307	41.136	ng	100
25) Isophorone	9.73	82	128852	38.141	ng	98
26) 2-Nitrophenol	9.93	139	48507	44.653	ng	98
27) 2,4-Dimethylphenol	9.99	122	72872	48.699	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	81371	38.215	ng	99
29) 2,4-Dichlorophenol	10.47	162	91034	46.498	ng	99
30) 1,2,4-Trichlorobenzene	10.69	180	105164	43.762	ng	97
31) Naphthalene	10.87	128	233473	42.511	ng	99
32) Benzoic acid	10.15	122	29967	31.067	ng	91
33) 4-Chloroaniline	10.99	127	60568	23.890	ng	97
34) Hexachlorobutadiene	11.16	225	72605	44.956	ng	98
35) Caprolactam	11.76	113	25704	39.346	ng	94
36) 4-Chloro-3-methylphenol	12.11	107	80753	43.450	ng	97
37) 2-Methylnaphthalene	12.48	142	191807	43.495	ng	98
38) 1-Methylnaphthalene	12.70	142	179835	42.932	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	133197	46.538	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	108376	72.085	nq	95
43) 2,4,6-Trichlorophenol	13.09	196	83985	43.412	nq	95
44) 2,4,5-Trichlorophenol	13.18	196	90532	45.158	nq	98
46) 1,1'-Biphenyl	13.49	154	256274	44.483	nq	96
47) 2-Chloronaphthalene	13.54	162	209739	42.221	nq	100
48) 2-Nitroaniline	13.74	65	45673	38.128	nq	98
49) Acenaphthylene	14.38	152	327929	43.879	nq	99
50) Dimethylphthalate	14.11	163	269762	41.949	nq	99
51) 2,6-Dinitrotoluene	14.23	165	65802	44.145	nq	96
52) Acenaphthene	14.72	154	191045	42.098	nq	98
53) 3-Nitroaniline	14.56	138	42184	28.297	nq	99
54) 2,4-Dinitrophenol	14.78	184	76239	76.198	nq	97
55) Dibenzofuran	15.06	168	339862	45.244	nq	100
56) 4-Nitrophenol	14.89	139	89312	84.314	nq	94
57) 2,4-Dinitrotoluene	15.03	165	95568	44.773	nq	99
58) Fluorene	15.71	166	276001	44.948	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	93940	47.382	nq	# 94
60) Diethylphthalate	15.47	149	266829	42.446	nq	100
61) 4-Chlorophenyl-phenylether	15.70	204	163338	44.127	nq	97
62) 4-Nitroaniline	15.73	138	66110	41.436	nq	92
63) Azobenzene	15.99	77	174771	40.573	nq	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	63271	45.956	nq	99
66) n-Nitrosodiphenylamine	15.91	169	258429	42.793	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	117913	42.332	nq	98
68) Hexachlorobenzene	16.73	284	125730	41.523	nq	99
69) Atrazine	16.86	200	97626	45.714	nq	98
70) Pentachlorophenol	17.07	266	136943	87.044	nq	99
71) Phenanthrene	17.45	178	475534	43.596	nq	99
72) Anthracene	17.54	178	483620	44.413	nq	98
73) Carbazole	17.81	167	420134	43.291	nq	98
74) Di-n-butylphthalate	18.37	149	476165	41.507	nq	100
75) Fluoranthene	19.47	202	619187	46.514	nq	95
77) Benzidine	19.65	184	171903	25.551	nq	98
78) Pyrene	19.83	202	619892	43.087	nq	98
80) Butylbenzylphthalate	20.71	149	216338	38.231	nq	93
81) Benzo(a)anthracene	21.67	228	616244	43.170	nq	97
82) 3,3'-Dichlorobenzidine	21.58	252	211630	36.862	nq	99
83) Chrysene	21.74	228	599645	43.557	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	317605	40.424	nq	98
85) Di-n-octyl phthalate	22.78	149	554480	41.033	nq	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	744160	39.776	nq	# 96
88) Benzo(b)fluoranthene	23.91	252	675045	49.933	nq	98
89) Benzo(k)fluoranthene	23.97	252	664204	51.114	nq	# 98
90) Benzo(a)pyrene	24.78	252	665782	51.899	nq	99
91) Dibenzo(a,h)anthracene	28.70	278	635425	48.921	nq	98
92) Benzo(g,h,i)perylene	29.80	276	613067	47.193	nq	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. -0.01 min

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PB122793BS

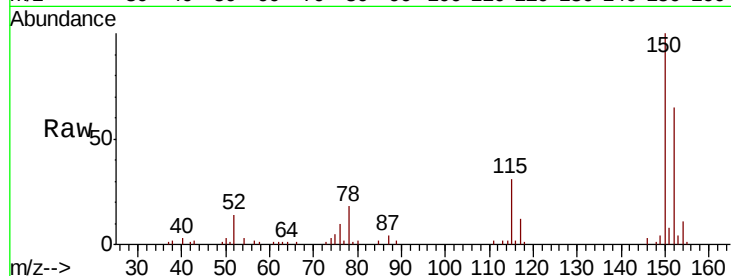
Tot Ion:152 Resp: 29238

Ion Ratio Lower Upper

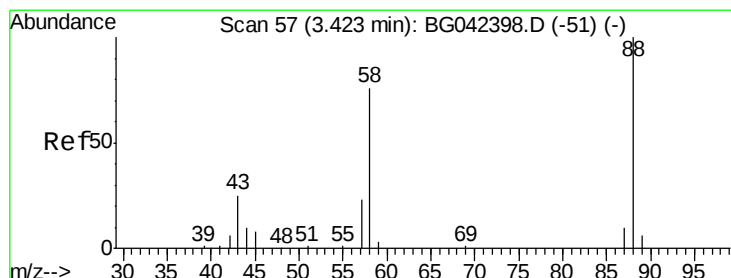
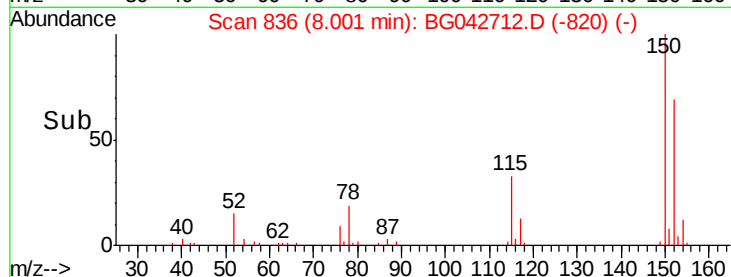
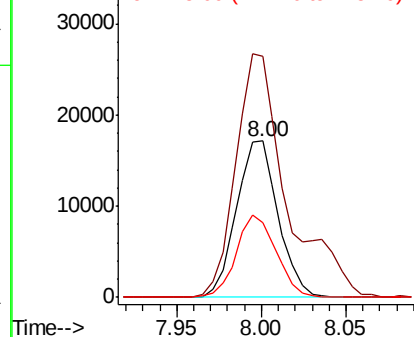
152 100

150 154.4 125.4 188.0

115 48.1 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: 38.446 ng

RT: 3.42 min Scan# 56

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

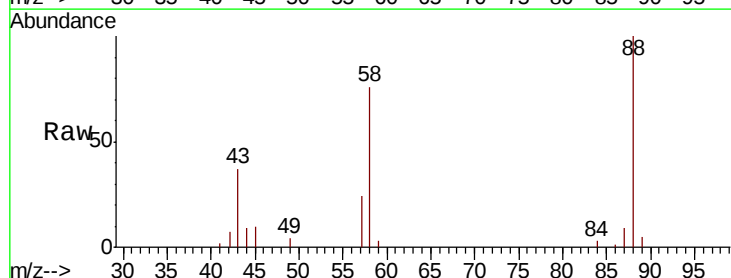
Tgt Ion: 88 Resp: 23162

Ion Ratio Lower Upper

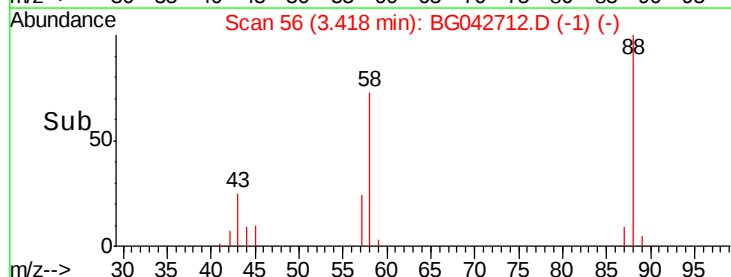
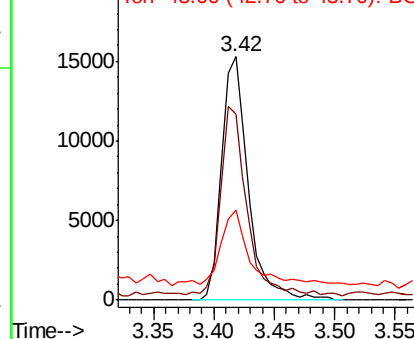
88 100

58 76.2 58.3 87.5

43 33.0 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: 31.924 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB122793BS

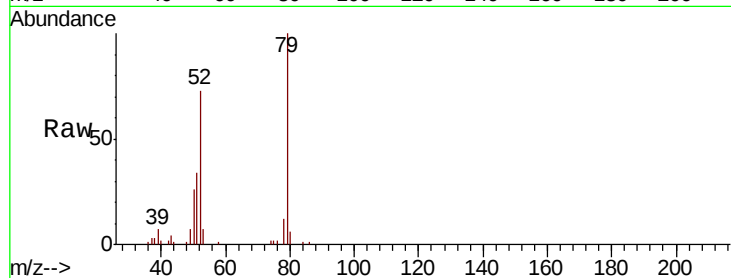
Tot Ion: 79 Resp: 49318

Ion Ratio Lower Upper

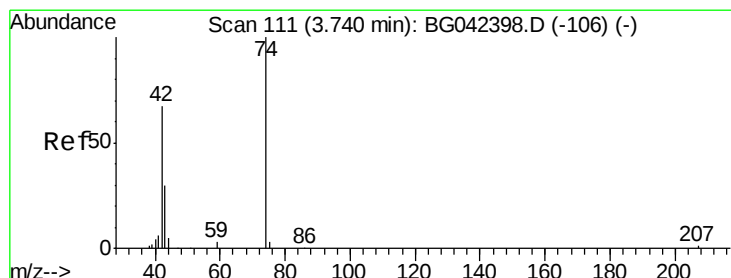
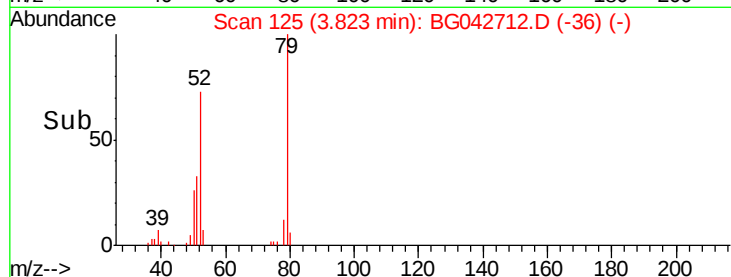
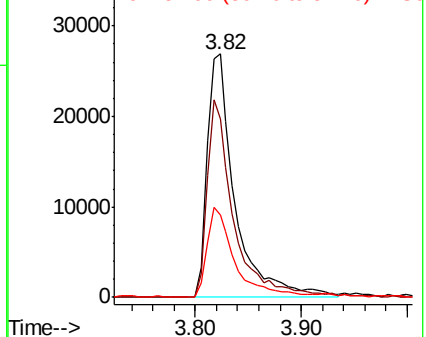
79 100

52 73.0 57.7 86.5

51 33.9 28.8 43.2



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 45.280 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

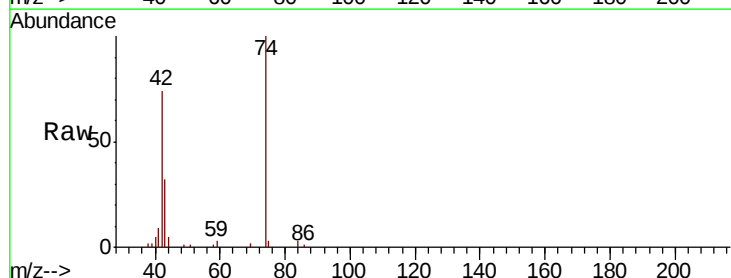
Tgt Ion: 42 Resp: 24984

Ion Ratio Lower Upper

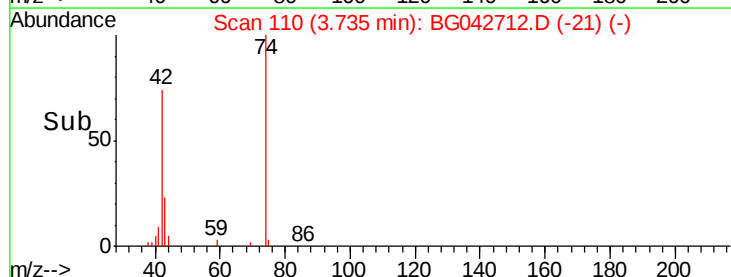
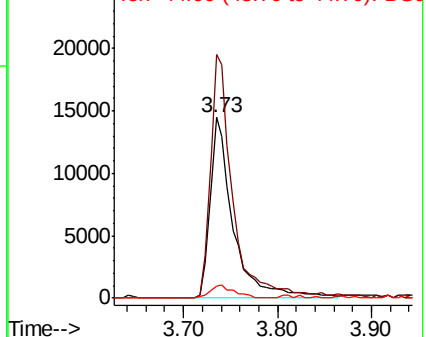
42 100

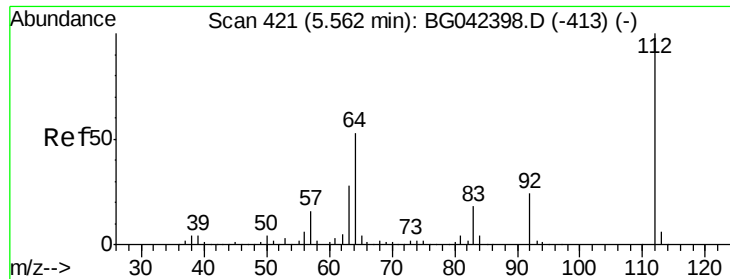
74 134.6 119.6 179.4

44 6.7 6.5 9.7



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 122.018 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Instrument :

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ClientSampleId :

PB122793BS

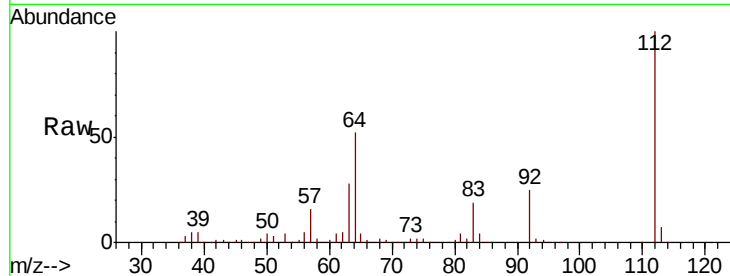
Tot Ion:112 Resp: 176150

Ion Ratio Lower Upper

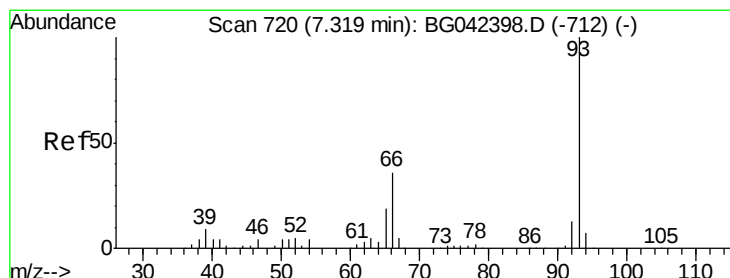
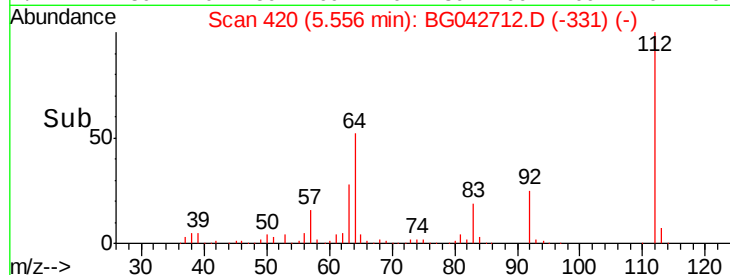
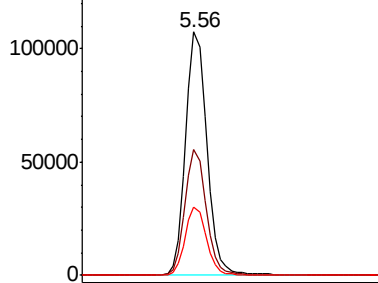
112 100

64 51.7 42.8 64.2

63 28.2 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: 27.444 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

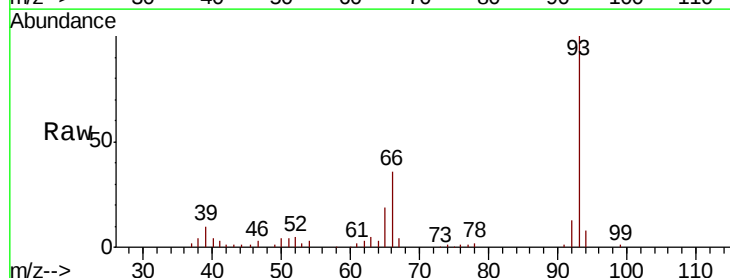
Tgt Ion: 93 Resp: 71380

Ion Ratio Lower Upper

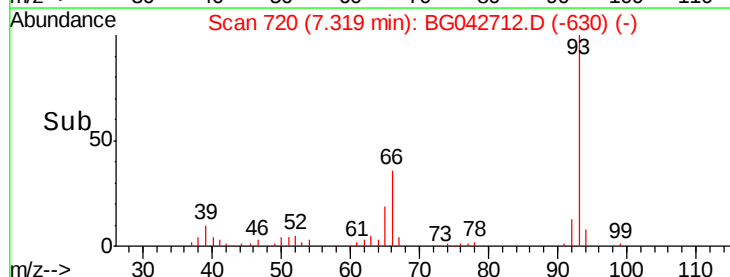
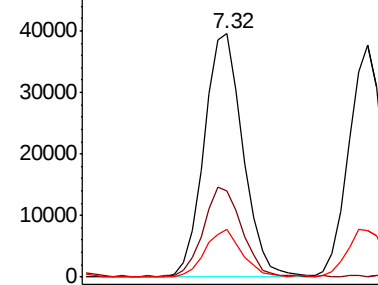
93 100

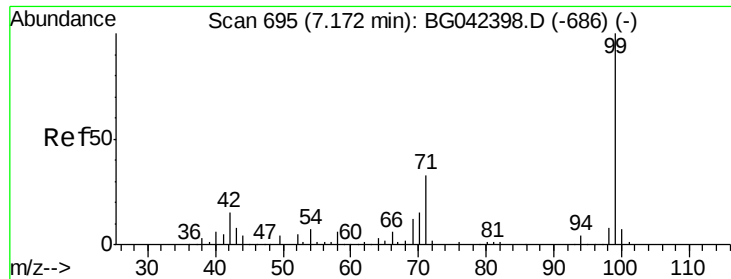
66 35.6 29.0 43.6

65 19.4 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: 111.814 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

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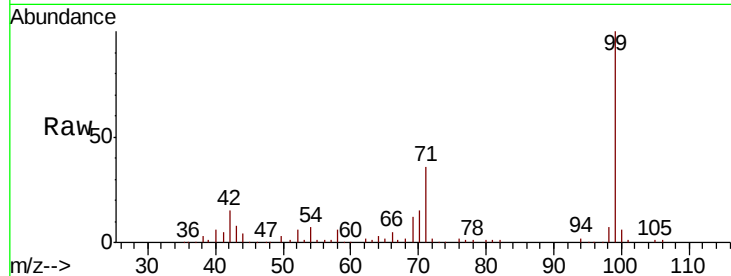
Tot Ion: 99 Resp: 218041

Ion Ratio Lower Upper

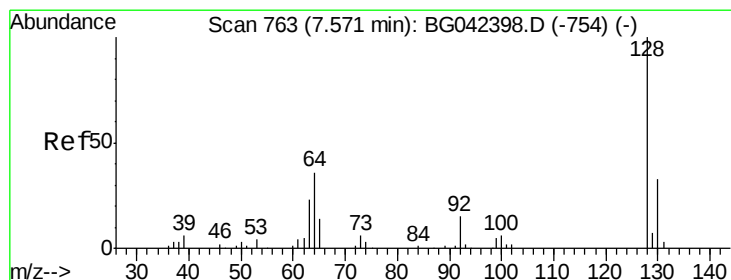
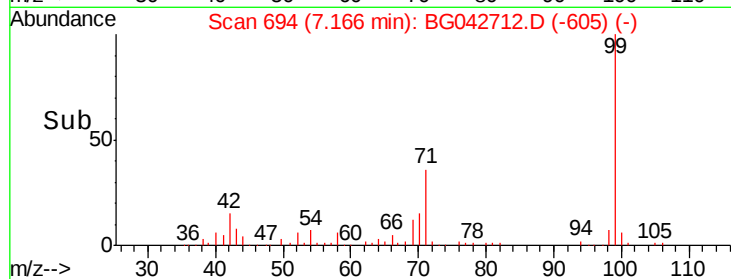
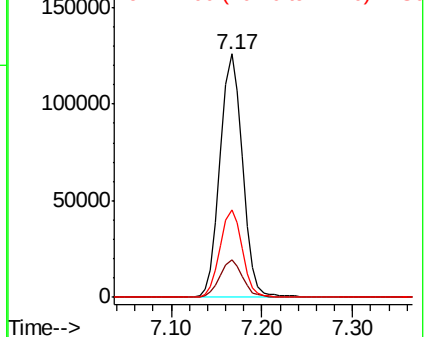
99 100

42 15.4 12.0 18.0

71 36.1 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: 45.278 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

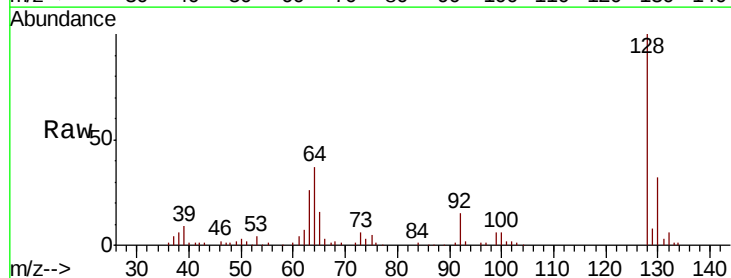
Tgt Ion: 128 Resp: 79218

Ion Ratio Lower Upper

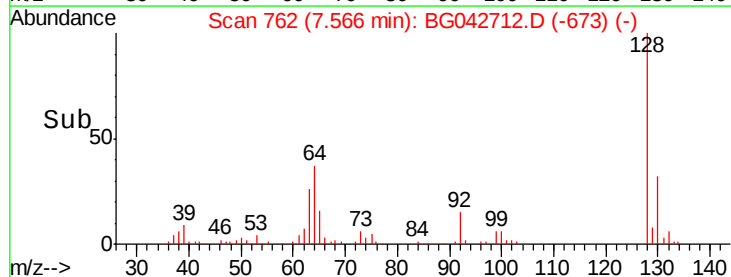
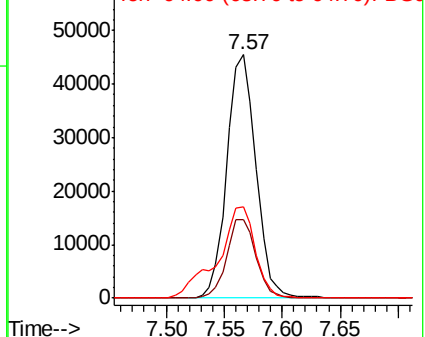
128 100

130 32.2 12.8 52.8

64 37.4 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: 38.110 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042712.D

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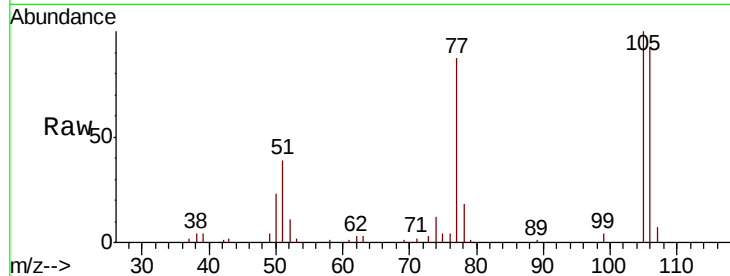
Tot Ion: 77 Resp: 37206

Ion Ratio Lower Upper

77 100

105 114.6 93.4 133.4

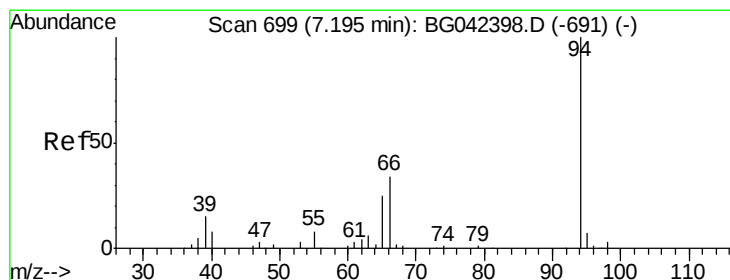
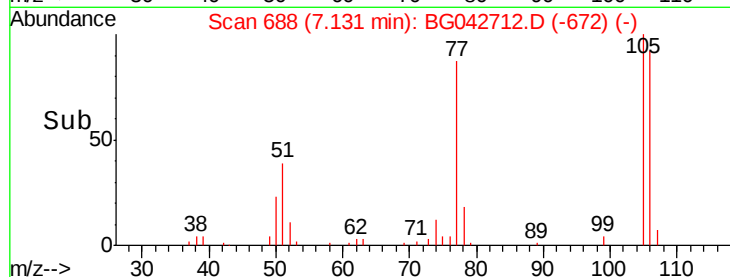
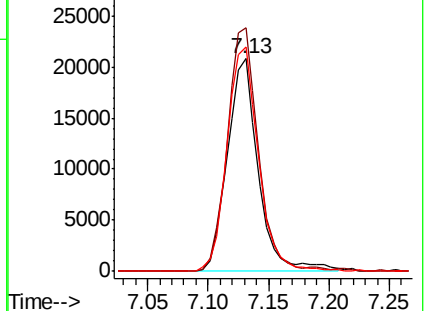
106 105.7 88.4 128.4



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: 42.856 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

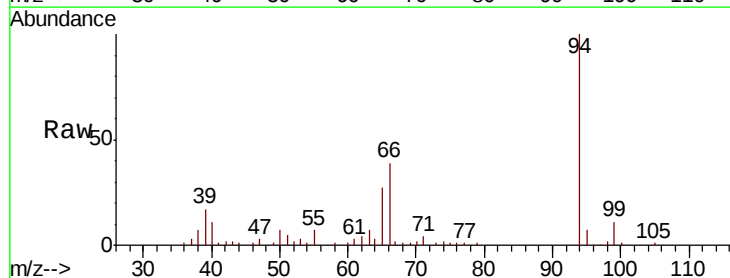
Tgt Ion: 94 Resp: 84970

Ion Ratio Lower Upper

94 100

65 27.2 5.6 45.6

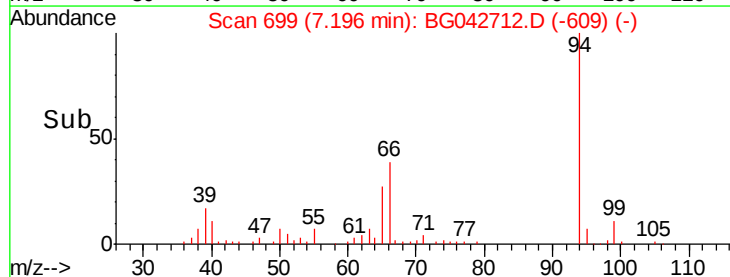
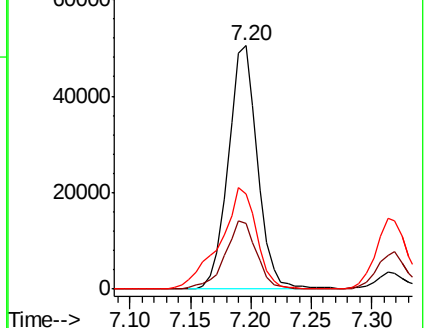
66 39.3 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 38.613 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB122793BS

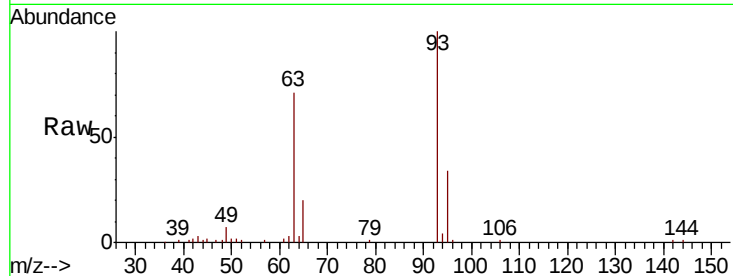
Tot Ion: 93 Resp: 60126

Ion Ratio Lower Upper

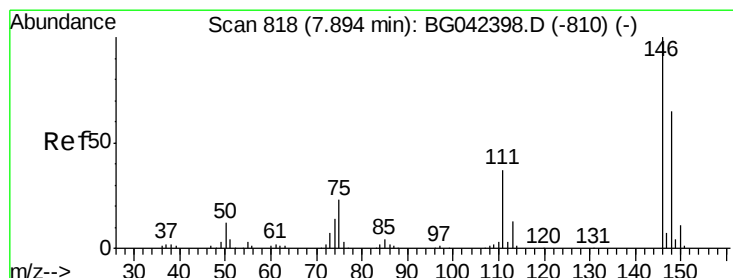
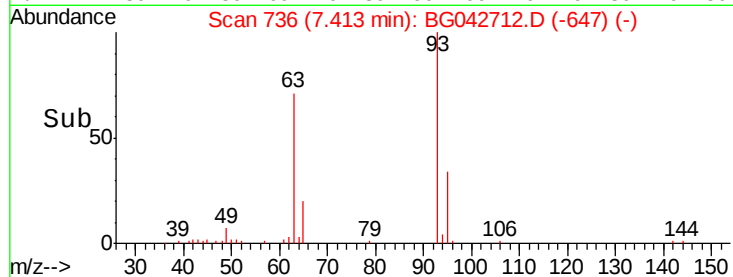
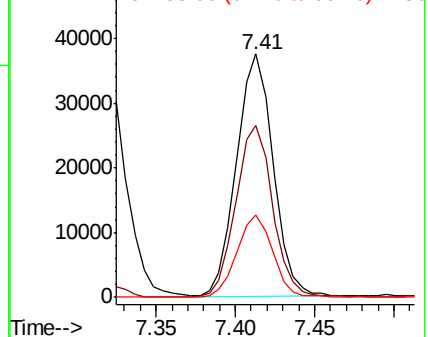
93 100

63 70.8 53.8 93.8

95 33.8 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: 41.372 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

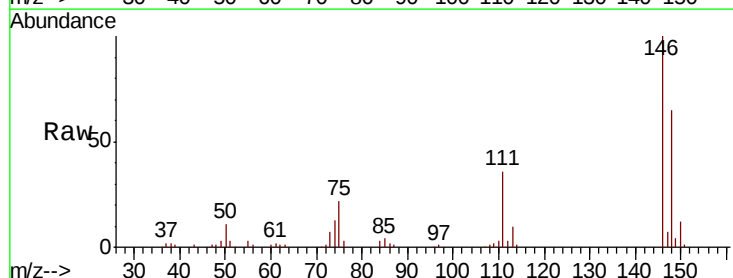
Tgt Ion: 146 Resp: 92081

Ion Ratio Lower Upper

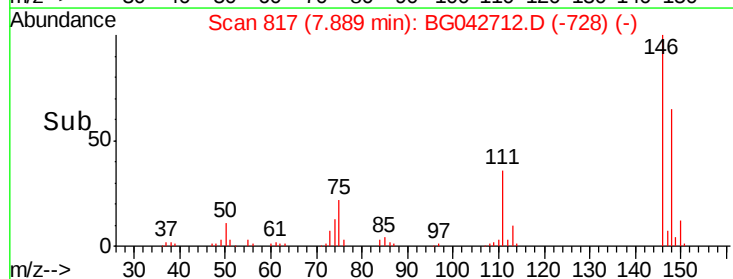
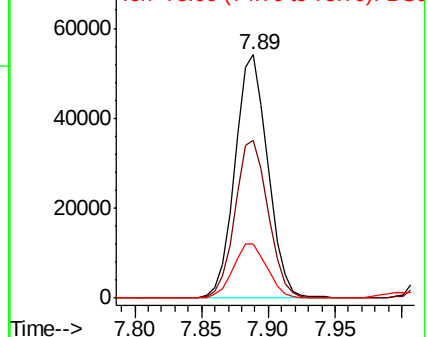
146 100

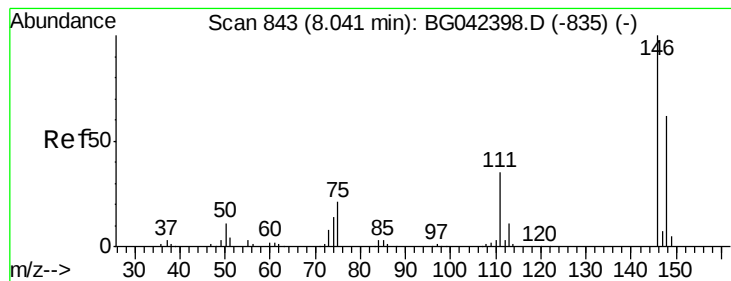
148 64.9 52.2 78.2

75 22.1 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: 42.621 ng

RT: 8.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB122793BS

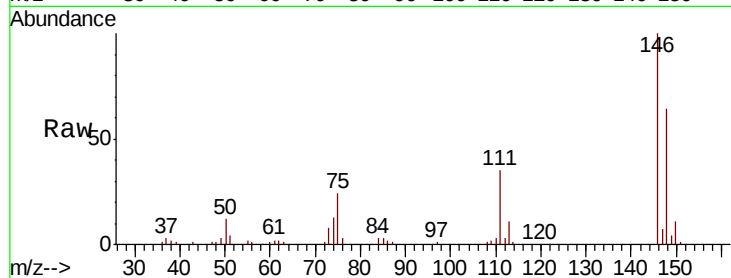
Tot Ion:146 Resp: 96088

Ion Ratio Lower Upper

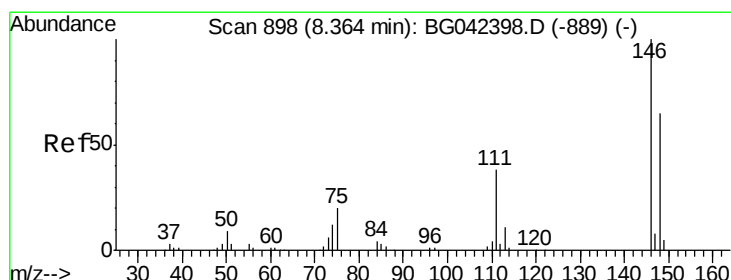
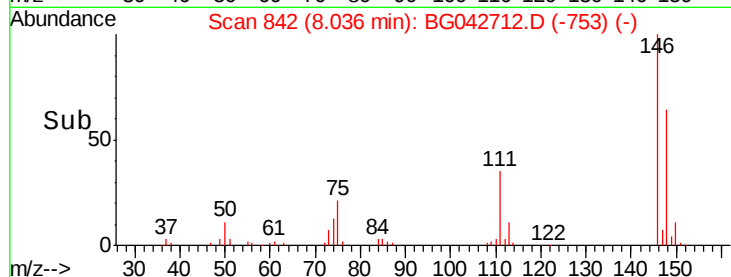
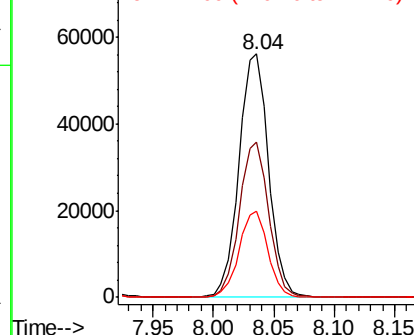
146 100

148 63.9 49.5 74.3

111 35.2 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: 41.554 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

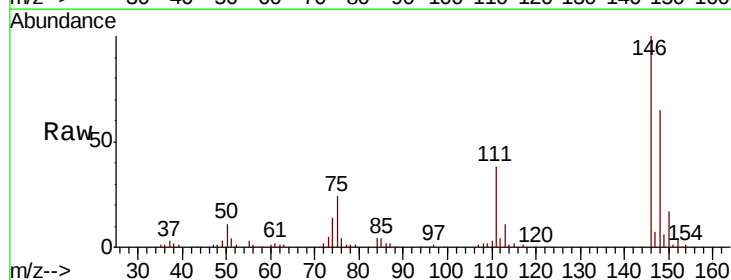
Tgt Ion:146 Resp: 89716

Ion Ratio Lower Upper

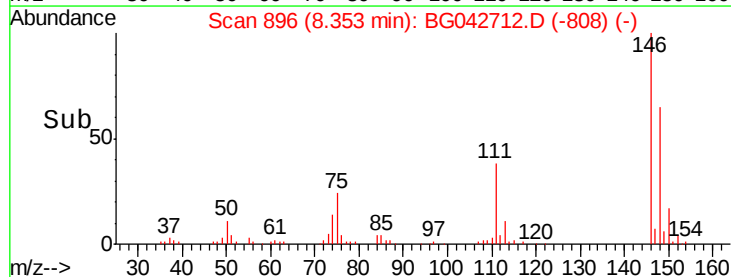
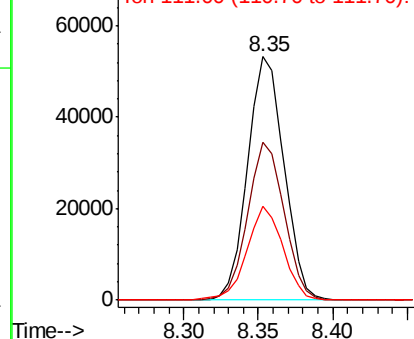
146 100

148 64.6 51.8 77.6

111 38.5 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: 40.763 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB122793BS

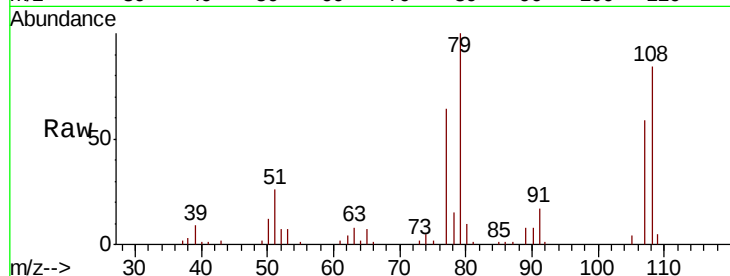
Tot Ion: 79 Resp: 57188

Ion Ratio Lower Upper

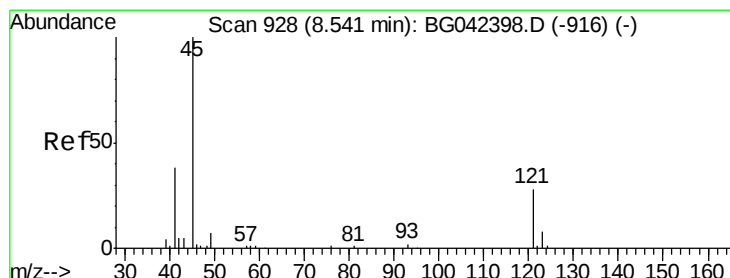
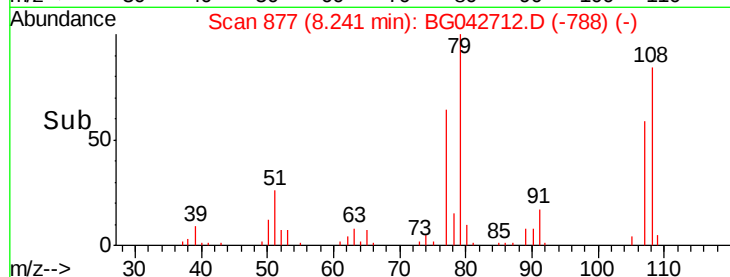
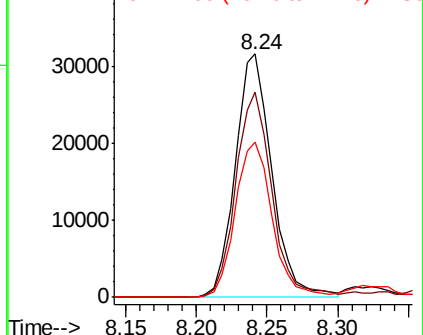
79 100

108 84.3 67.4 101.2

77 63.8 50.8 76.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.773 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

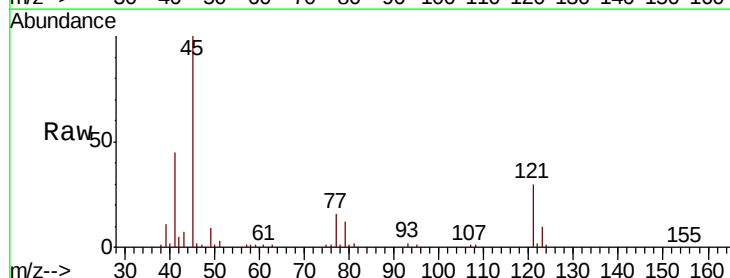
Tgt Ion: 45 Resp: 75500

Ion Ratio Lower Upper

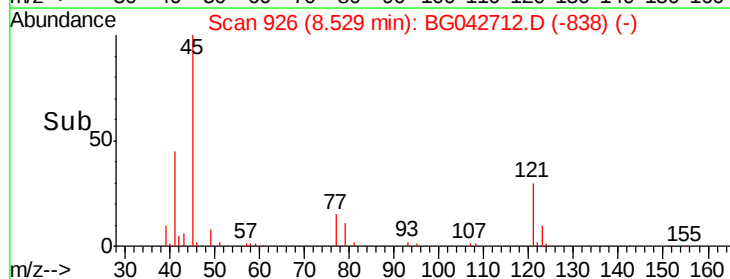
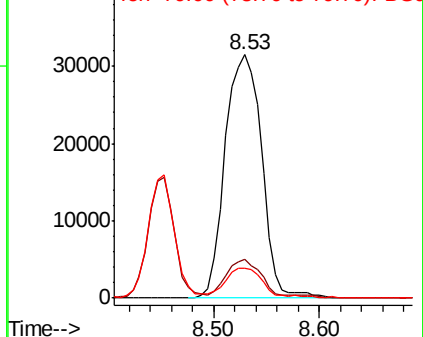
45 100

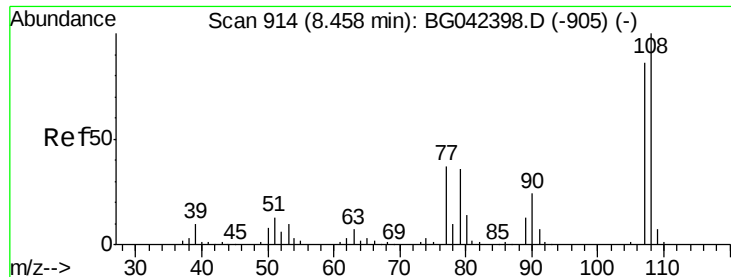
77 16.2 0.0 35.6

79 12.1 0.0 31.6



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

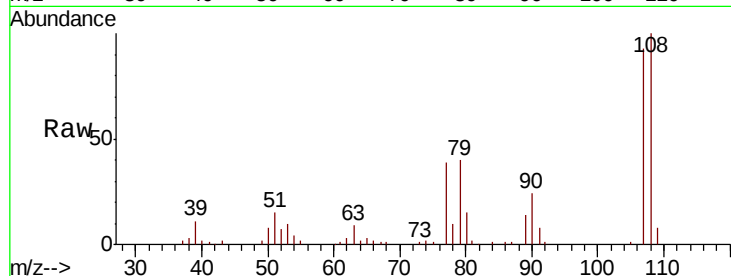




#17
2-Methylphenol
Concen: 42.839 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

Instrument :
BNA_G
ClientSampleId :
PB122793BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.2	92.9	139.3
77	42.2	34.4	51.6
79	42.6	33.8	50.6



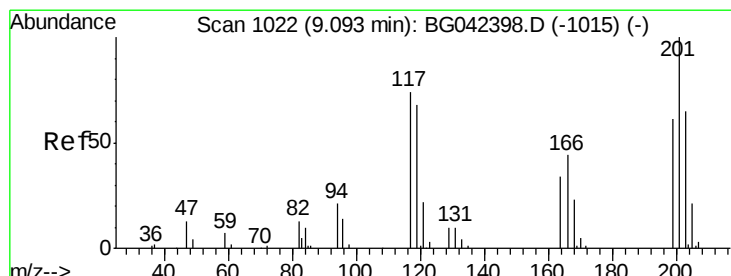
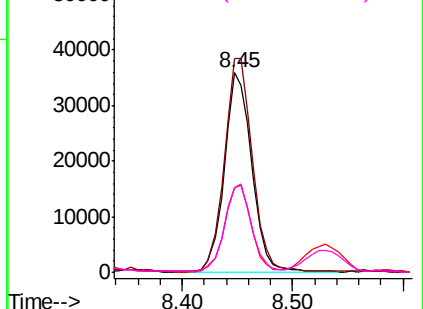
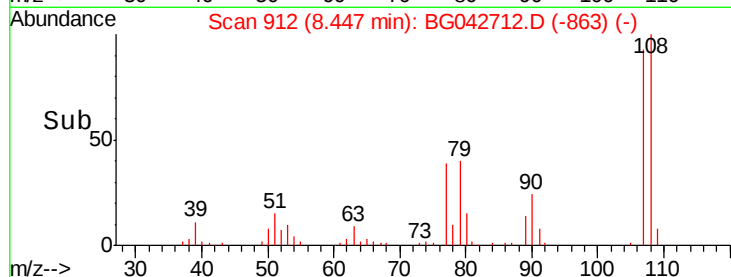
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

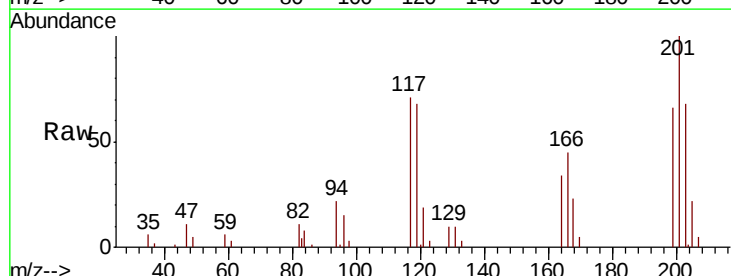
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.355 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	73.8	110.8
201	141.4	108.3	162.5

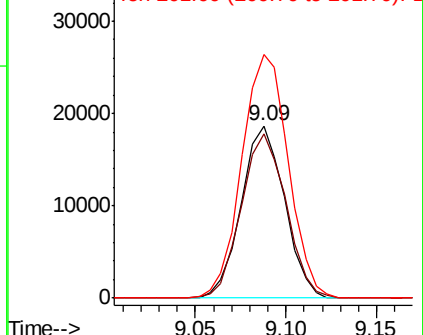
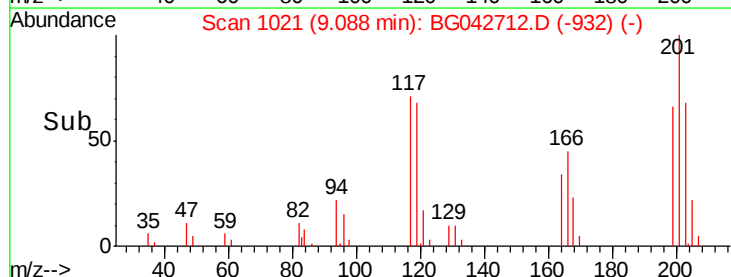


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.753 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB122793BS

Tot Ion: 70 Resp: 46431

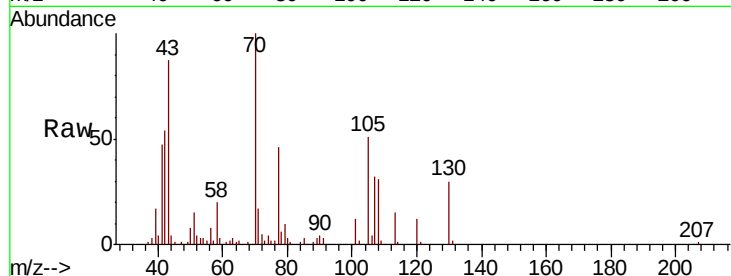
Ion Ratio Lower Upper

70 100

42 53.7 38.8 58.2

101 11.6 9.0 13.6

130 30.1 20.0 30.0#



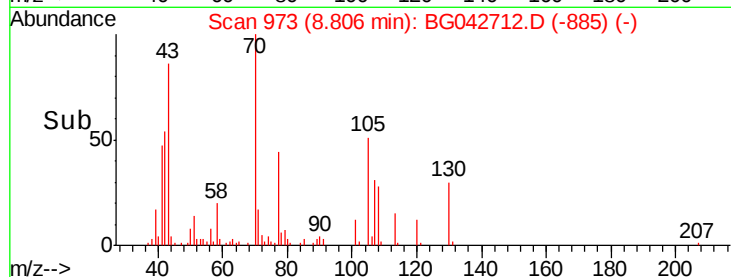
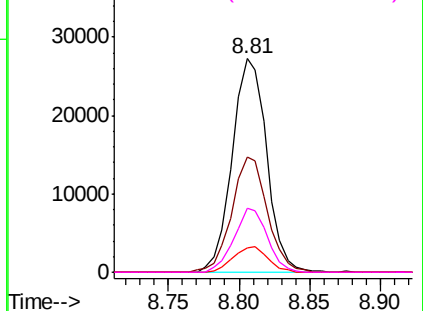
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 41.160 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Tgt Ion: 107 Resp: 83175

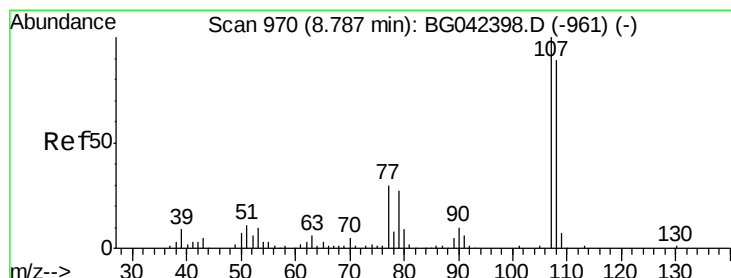
Ion Ratio Lower Upper

107 100

108 90.3 68.7 108.7

77 31.5 10.2 50.2

79 26.3 6.9 46.9



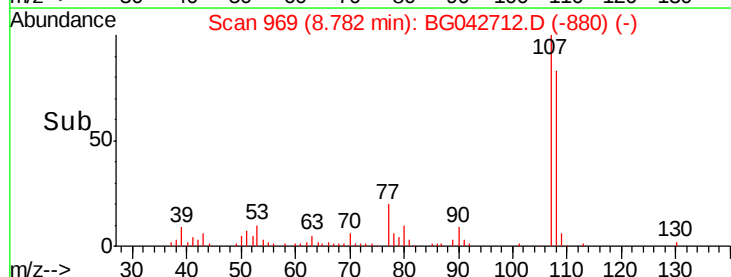
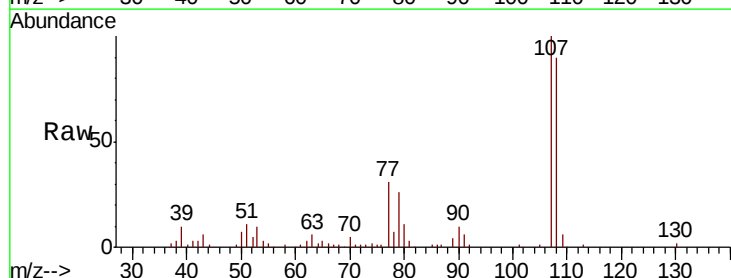
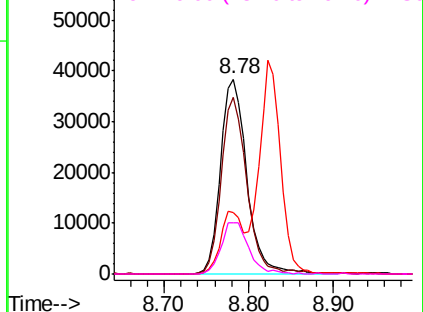
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB122793BS

Tot Ion:136 Resp: 118294

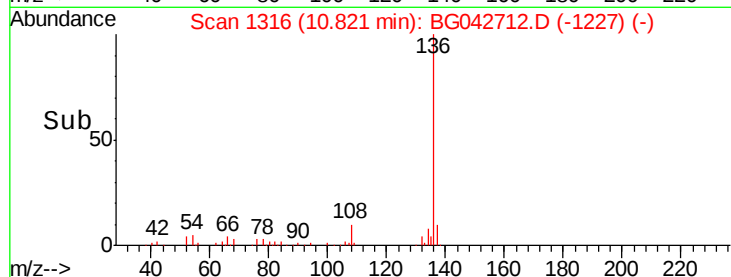
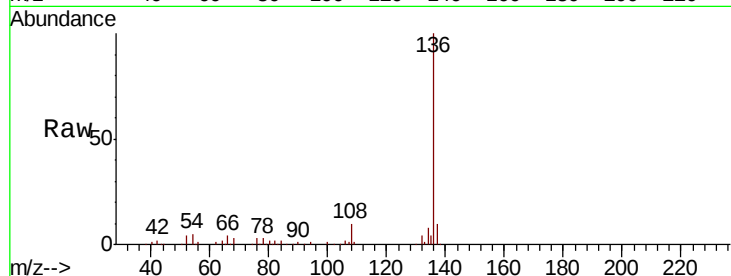
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 5.4 4.9 7.3

68 2.9 3.6 5.4#



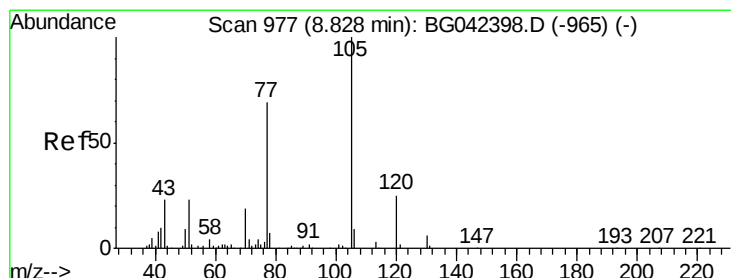
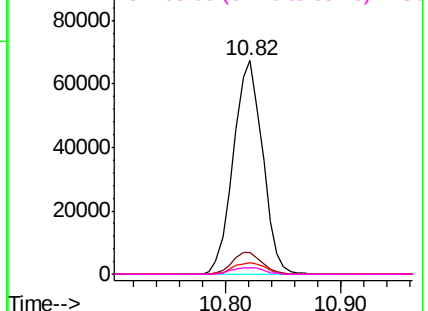
Abundance

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: 42.672 ng

RT: 8.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Tgt Ion:105 Resp: 107965

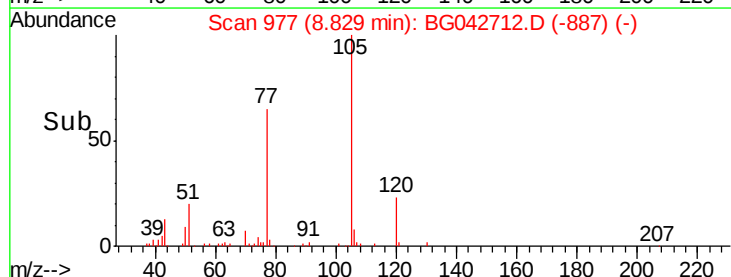
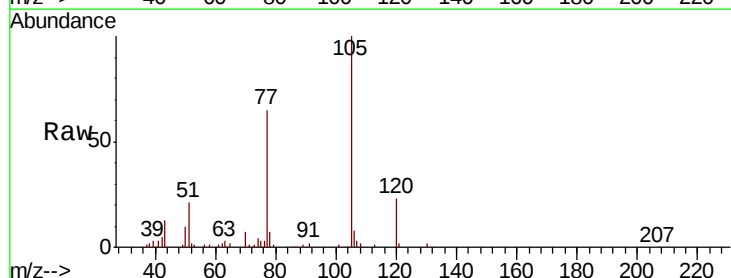
Ion Ratio Lower Upper

105 100

71 1.2 2.8 4.2#

51 20.6 18.7 28.1

120 23.1 20.1 30.1



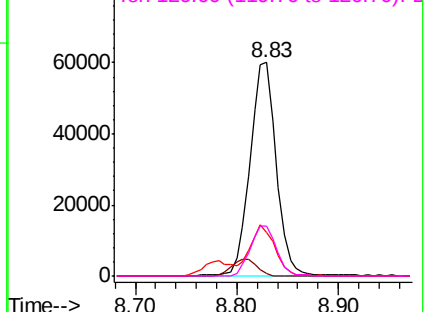
Abundance

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

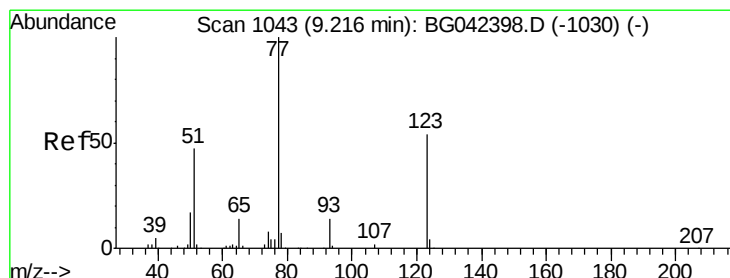
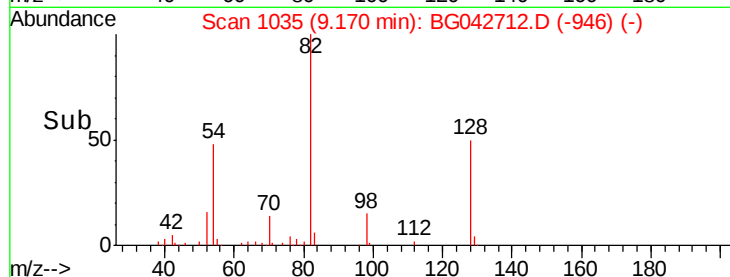
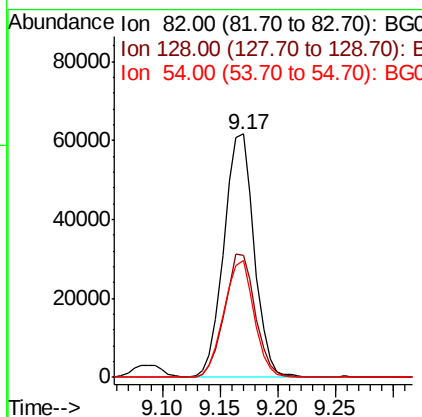
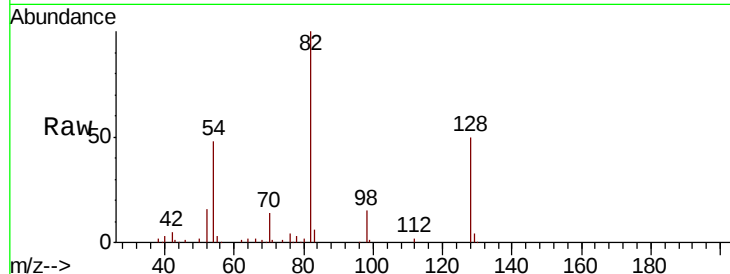




#23
 Nitrobenzene-d5
 Concen: 65.684 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

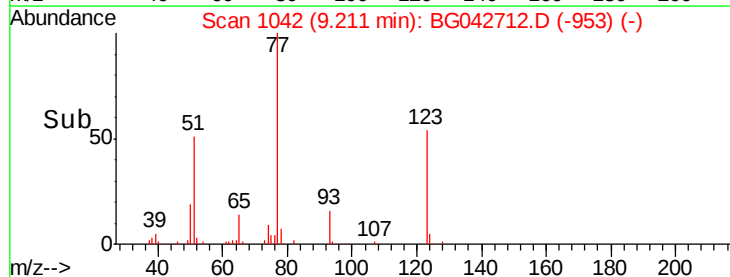
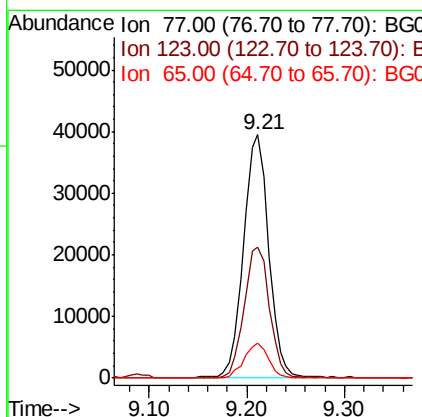
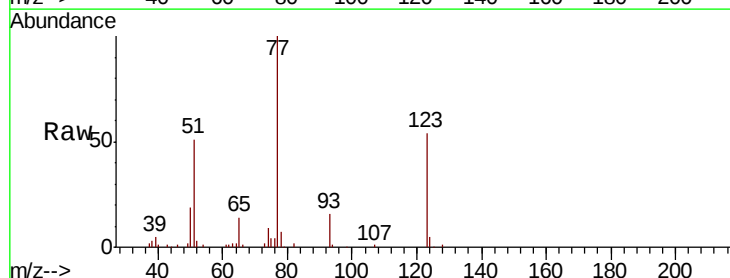
Instrument :
 BNA_G
 ClientSampleId :
 PB122793BS

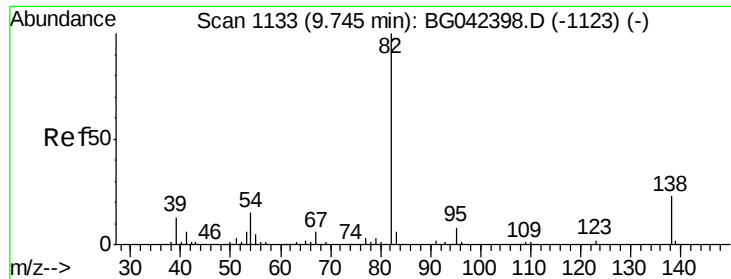
Tot Ion	82	Resp	112440
Ion Ratio	Lower	Upper	
82	100		
128	50.0	40.7	61.1
54	48.2	36.3	54.5



#24
 Nitrobenzene
 Concen: 41.136 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

Tgt Ion	77	Resp	71307
Ion Ratio	Lower	Upper	
77	100		
123	54.0	43.4	65.0
65	14.2	11.0	16.6

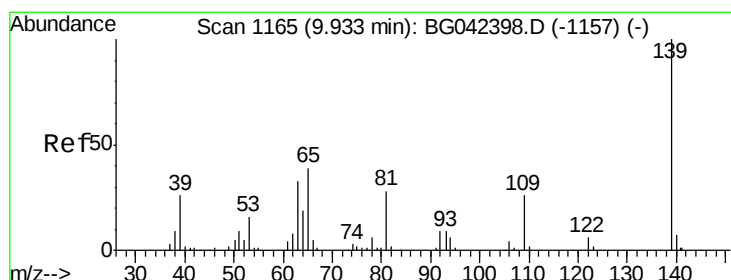
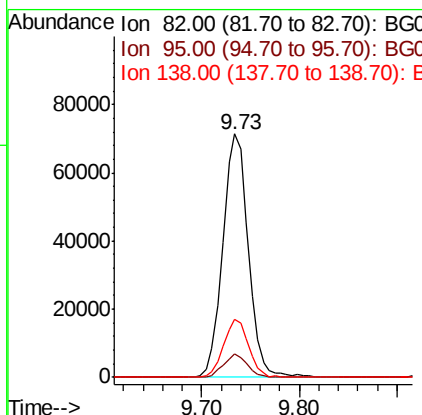
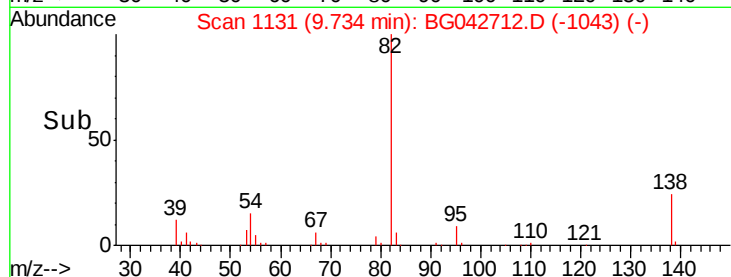
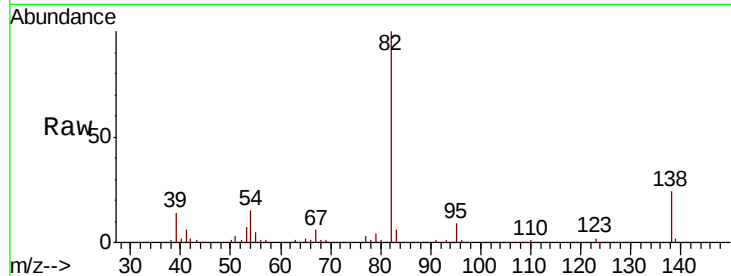




#25
Isophorone
Concen: 38.141 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

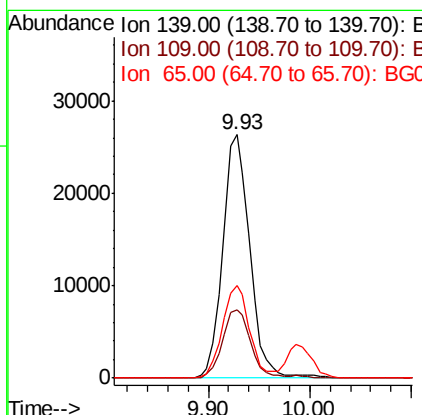
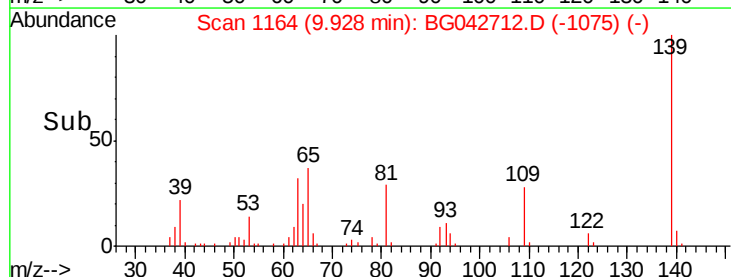
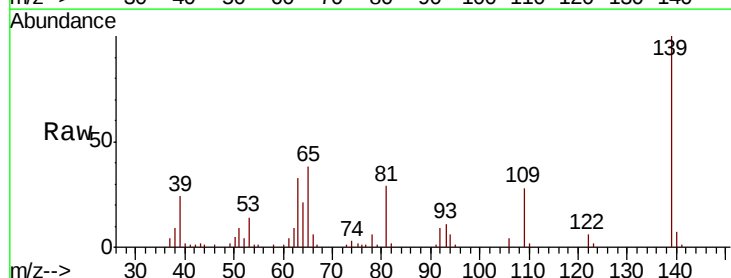
Instrument :
BNA_G
ClientSampleId :
PB122793BS

Tot Ion: 82 Resp: 128852
Ion Ratio Lower Upper
82 100
95 9.4 6.6 9.8
138 23.9 18.6 27.8



#26
2-Nitrophenol
Concen: 44.653 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

Tgt Ion: 139 Resp: 48507
Ion Ratio Lower Upper
139 100
109 27.9 20.5 30.7
65 38.1 30.9 46.3

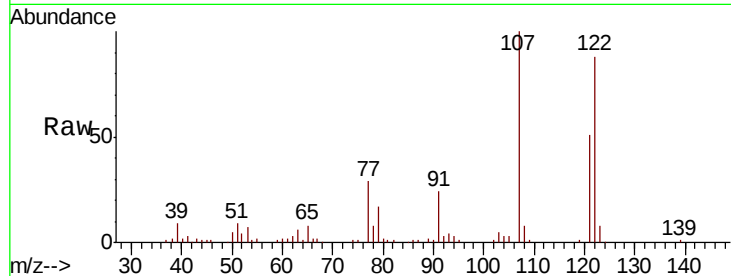




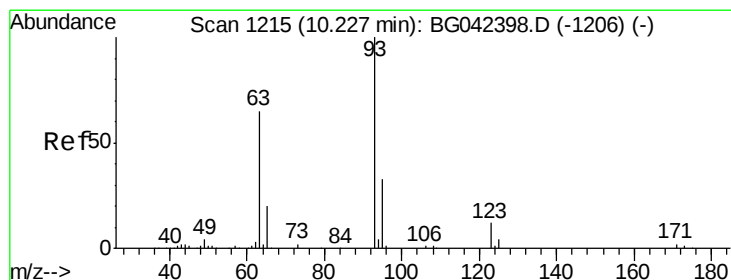
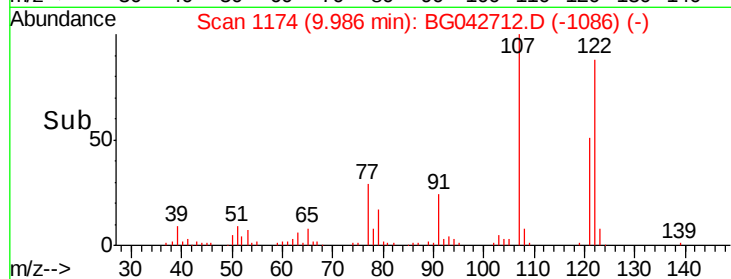
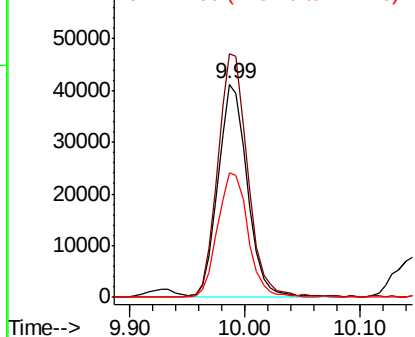
#27
2,4-Dimethylphenol
Concen: 48.699 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

Instrument :
BNA_G
ClientSampleId :
PB122793BS

Tot Ion:122 Resp: 72872
Ion Ratio Lower Upper
122 100
107 114.0 90.8 136.2
121 58.6 49.6 74.4

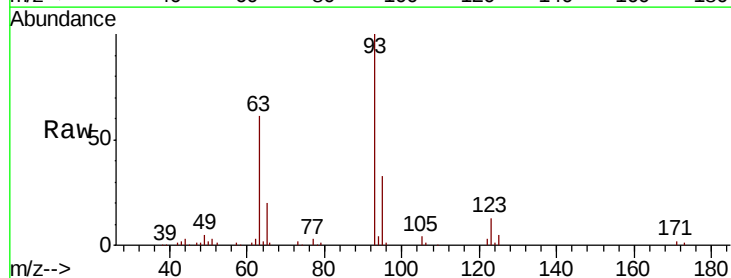


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

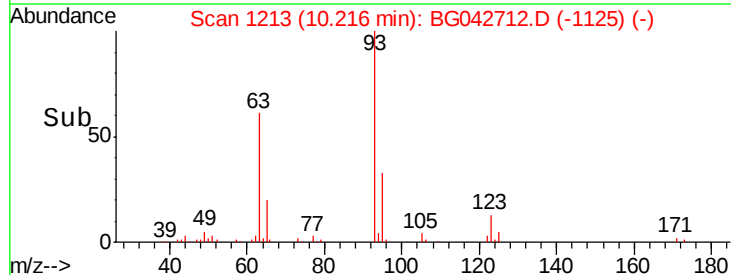
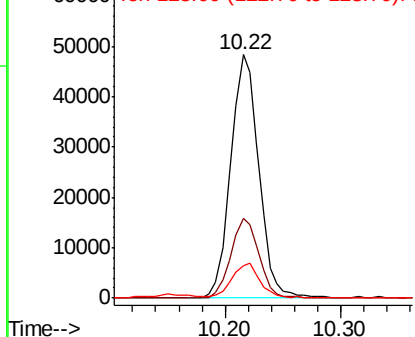


#28
bis(2-Chloroethoxy)methane
Concen: 38.215 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

Tgt Ion: 93 Resp: 81371
Ion Ratio Lower Upper
93 100
95 32.6 26.6 40.0
123 13.1 10.1 15.1



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

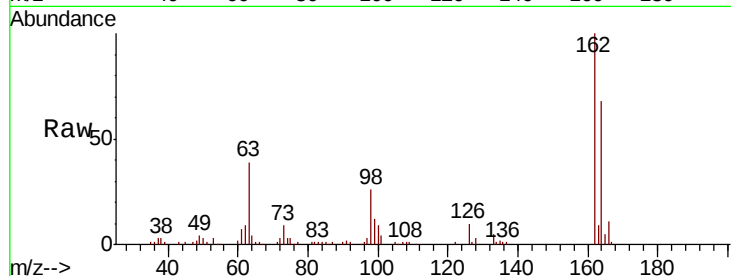




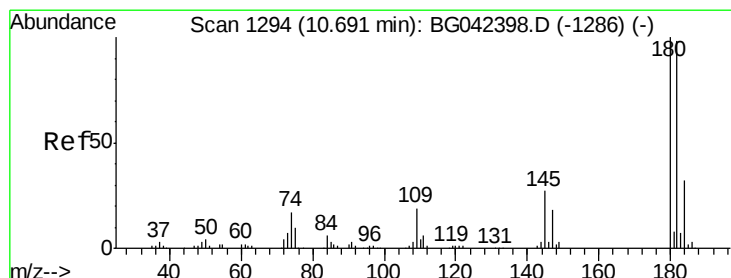
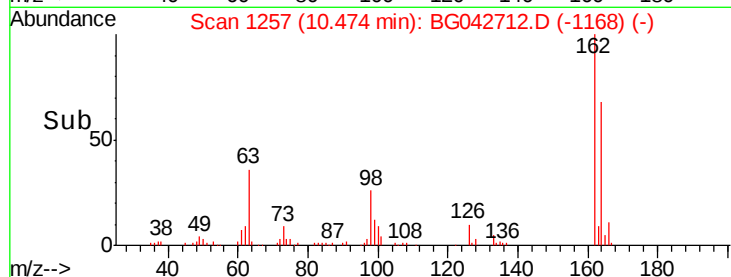
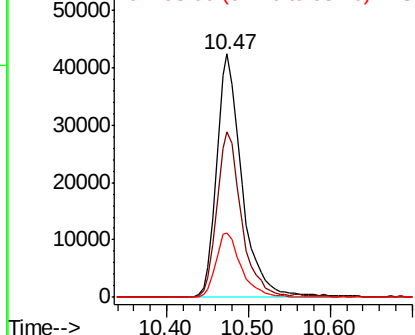
#29
 2,4-Dichlorophenol
 Concen: 46.498 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

Instrument :
 BNA_G
 ClientSampleId :
 PB122793BS

Tot Ion:162 Resp: 91034
 Ion Ratio Lower Upper
 162 100
 164 68.0 48.1 88.1
 98 26.4 7.6 47.6

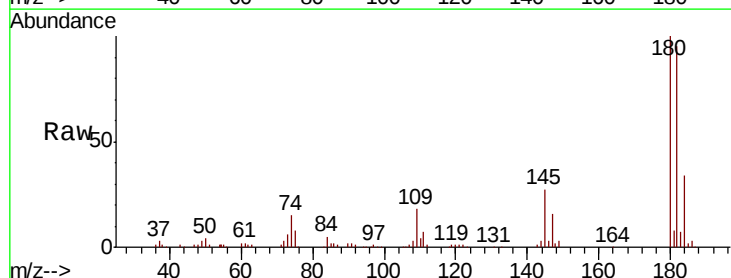


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

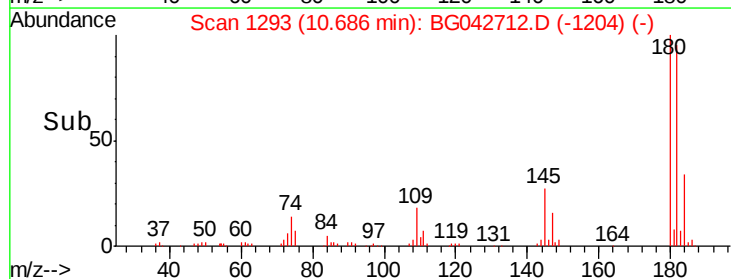
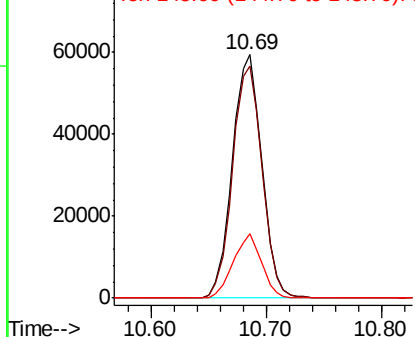


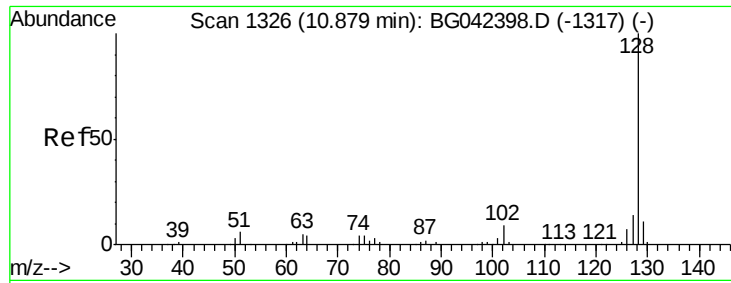
#30
 1,2,4-Trichlorobenzene
 Concen: 43.762 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

Tgt Ion:180 Resp: 105164
 Ion Ratio Lower Upper
 180 100
 182 95.2 78.7 118.1
 145 26.6 21.6 32.4



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

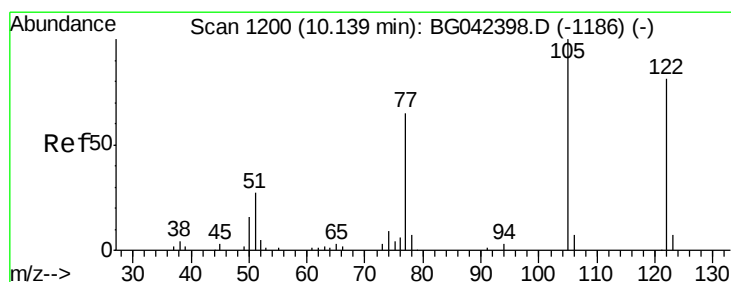
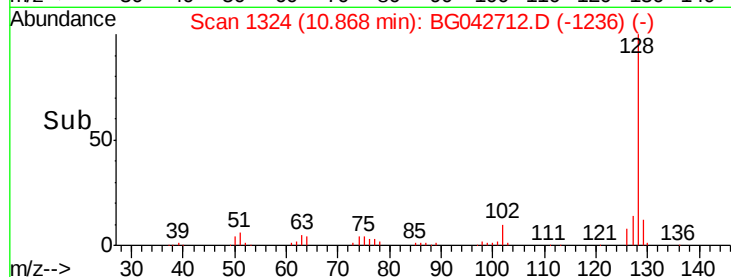
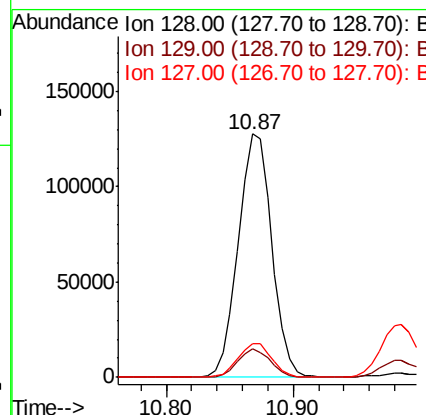
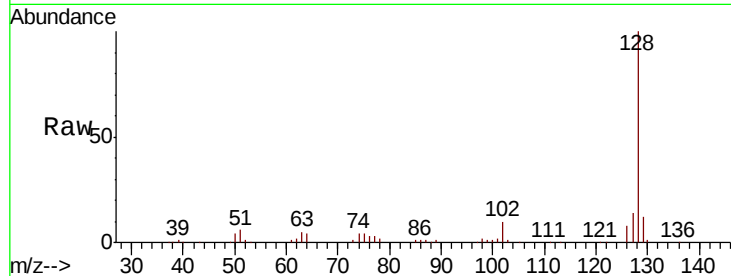




#31
Naphthalene
Concen: 42.511 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

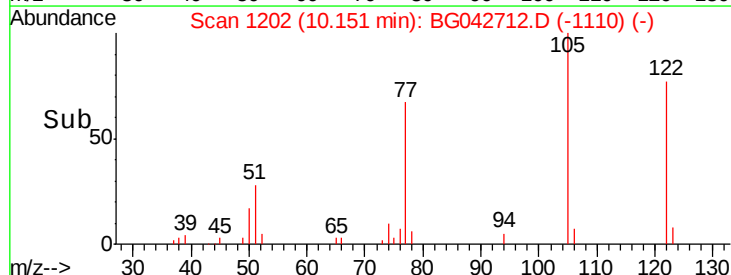
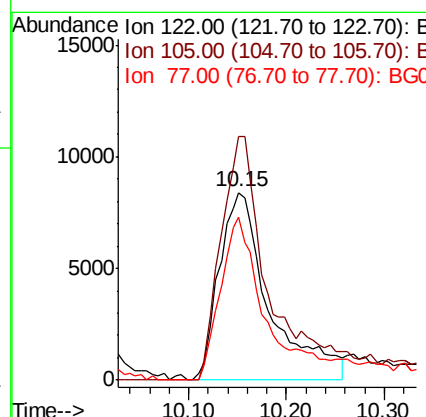
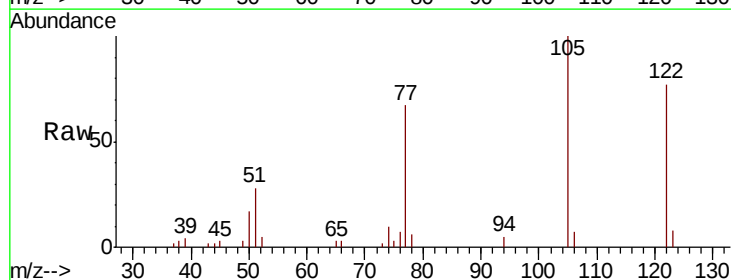
Instrument :
BNA_G
ClientSampleId :
PB122793BS

Tot Ion:128 Resp: 233473
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.8 11.4 17.0



#32
Benzoic acid
Concen: 31.067 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

Tgt Ion:122 Resp: 29967
Ion Ratio Lower Upper
122 100
105 129.8 99.6 139.6
77 87.1 59.5 99.5

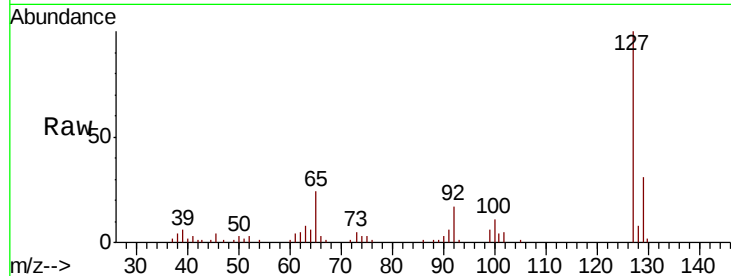




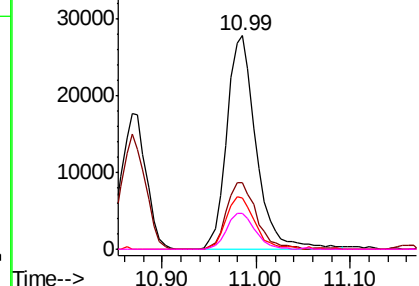
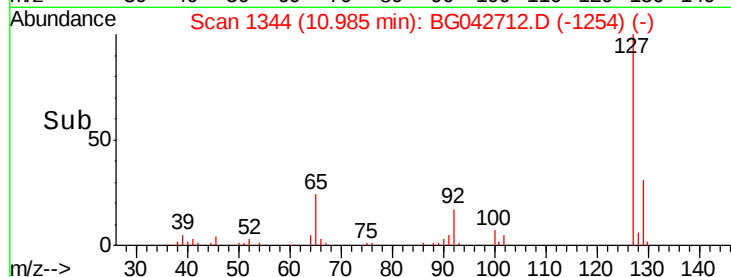
#33
4-Chloroaniline
Concen: 23.890 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

Instrument :
BNA_G
ClientSampleId :
PB122793BS

Tot Ion:127	Resp:	60568
Ion Ratio	Lower	Upper
127	100	
129	31.3	26.8 40.2
65	23.8	20.7 31.1
92	16.5	13.6 20.4

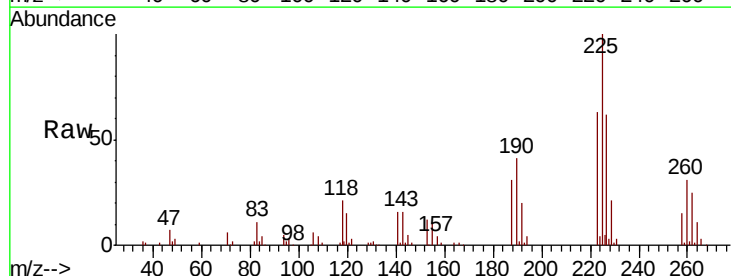


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

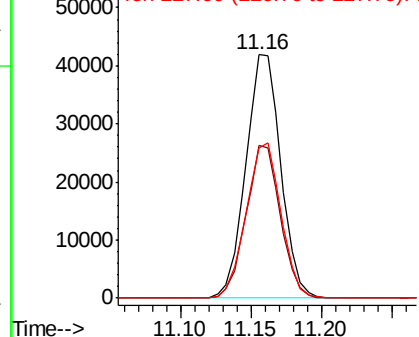
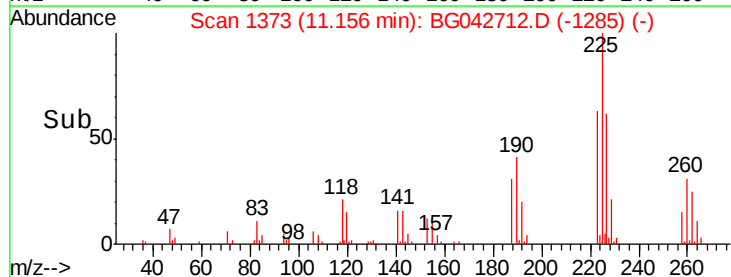


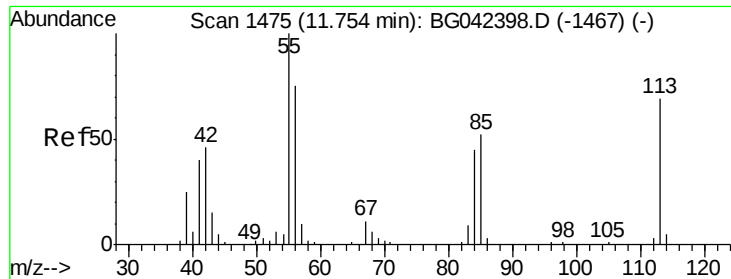
#34
Hexachlorobutadiene
Concen: 44.956 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

Tgt Ion:225	Resp:	72605
Ion Ratio	Lower	Upper
225	100	
223	63.0	49.8 74.6
227	61.7	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

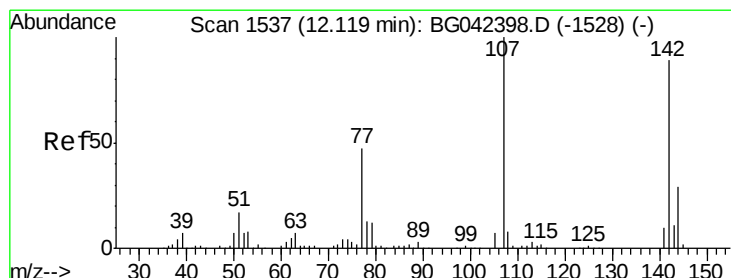
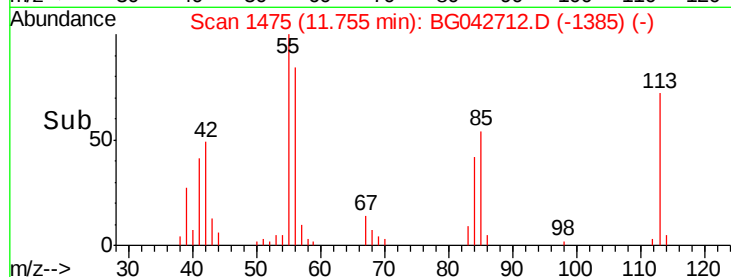
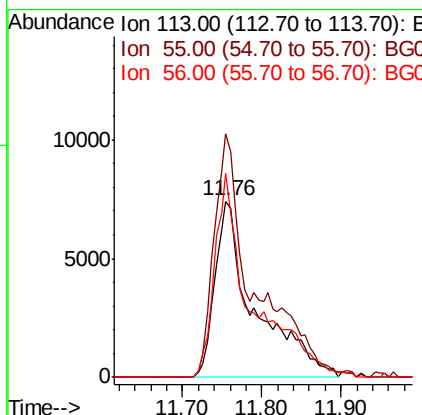
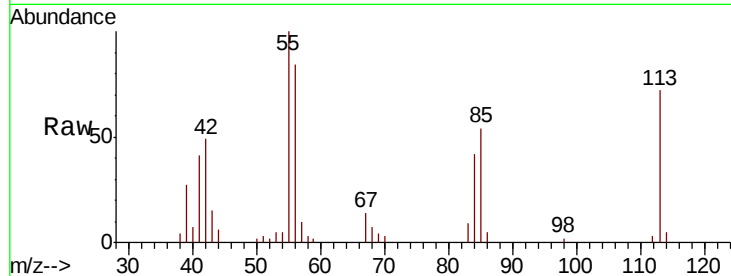




#35
 Caprolactam
 Concen: 39.346 ng
 RT: 11.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

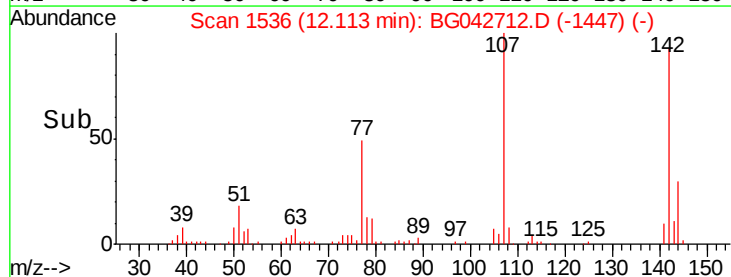
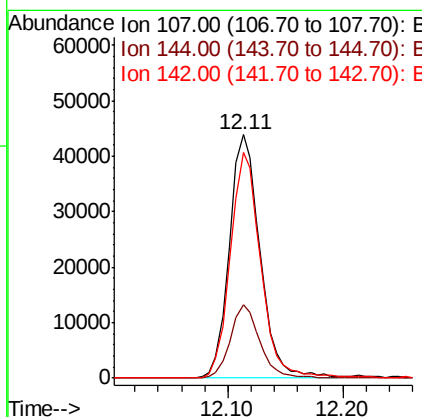
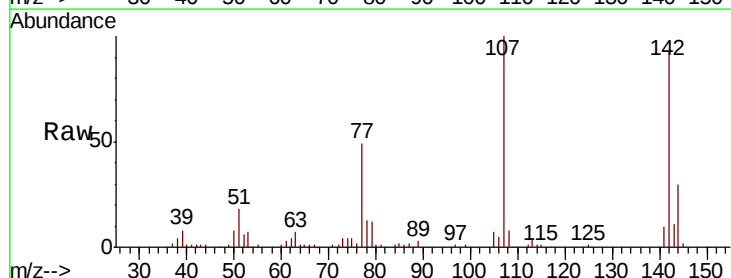
Instrument :
 BNA_G
 ClientSampleId :
 PB122793BS

Tot Ion:113 Resp: 25704
 Ion Ratio Lower Upper
 113 100
 55 138.4 124.6 164.6
 56 116.2 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.450 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

Tgt Ion:107 Resp: 80753
 Ion Ratio Lower Upper
 107 100
 144 30.2 23.6 35.4
 142 92.5 71.0 106.4

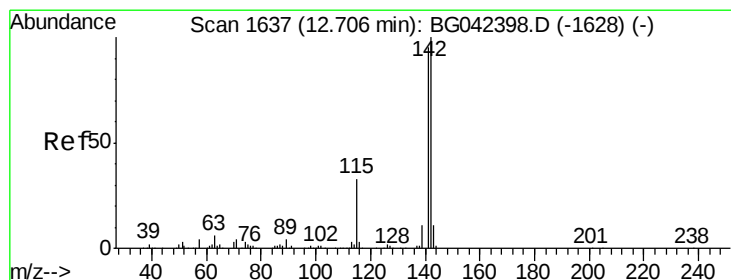
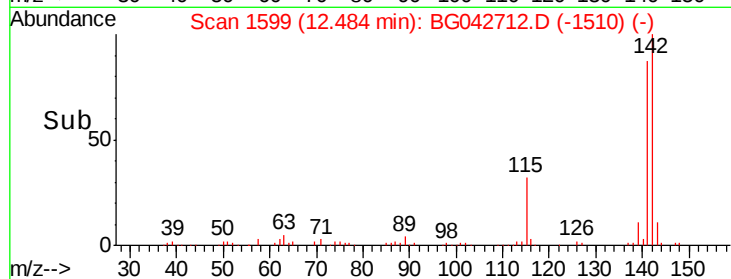
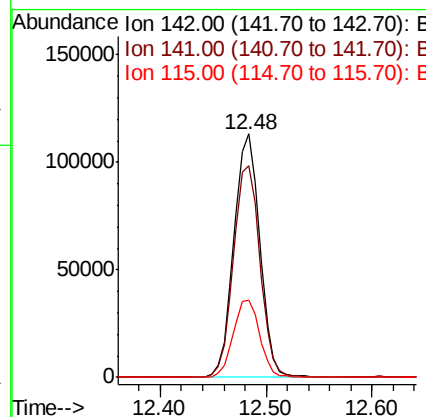
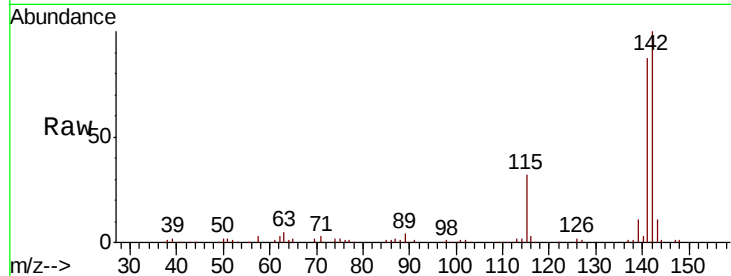




#37
 2-Methylnaphthalene
 Concen: 43.495 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

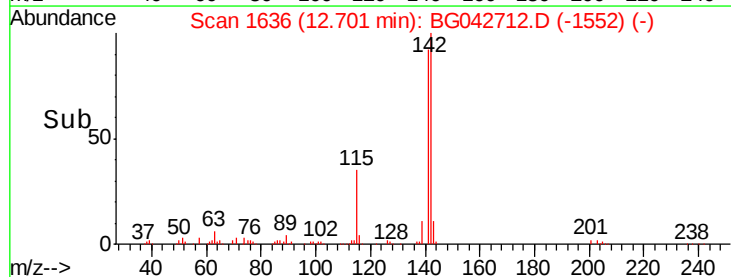
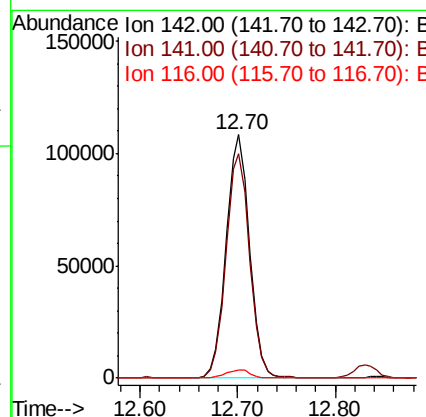
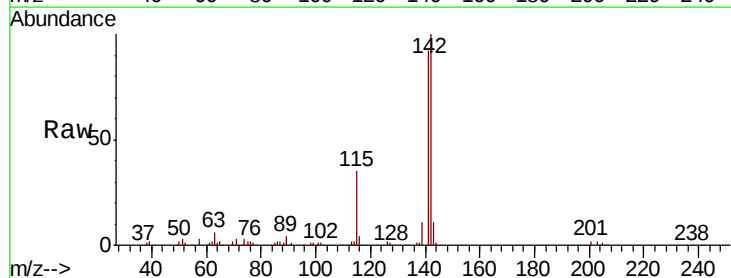
Instrument :
 BNA_G
 ClientSampleId :
 PB122793BS

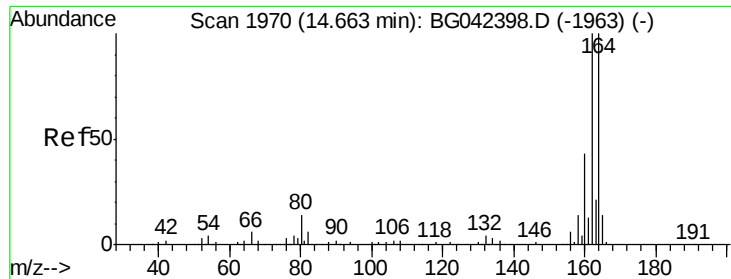
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.7	71.4	107.2
115	31.6	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 42.932 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	76.2	114.2
116	3.6	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB122793BS

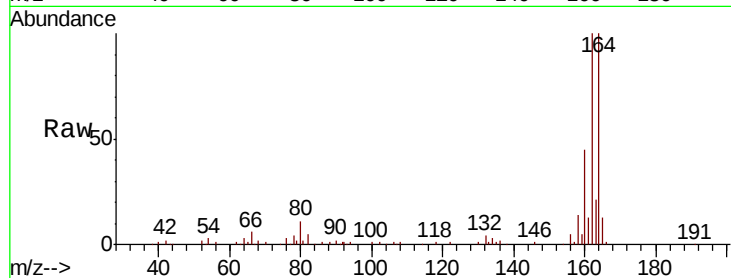
Tot Ion:164 Resp: 89125

Ion Ratio Lower Upper

164 100

162 100.2 79.9 119.9

160 44.6 34.3 51.5

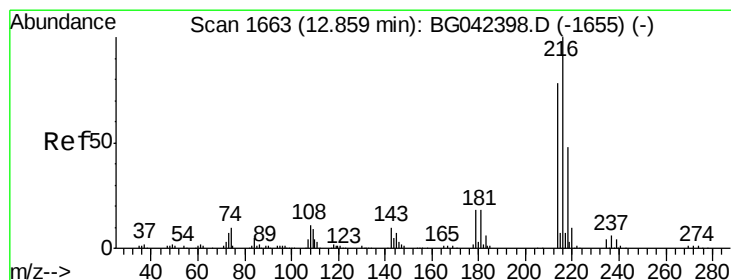
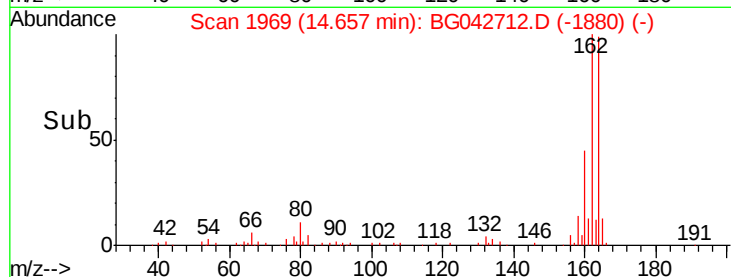
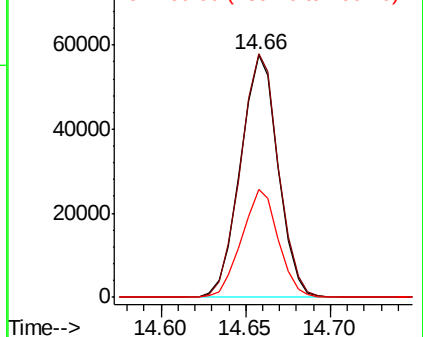


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.538 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Tgt Ion:216 Resp: 133197

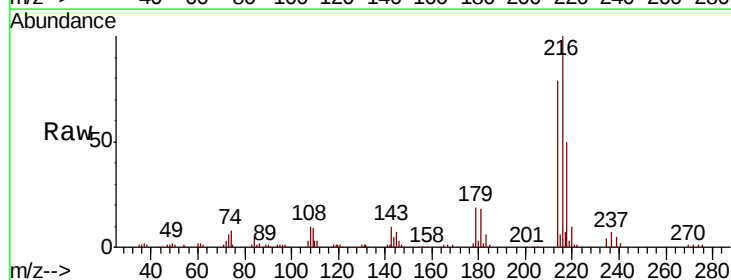
Ion Ratio Lower Upper

216 100

214 77.3 61.4 92.2

179 18.8 15.1 22.7

108 11.5 9.4 14.0



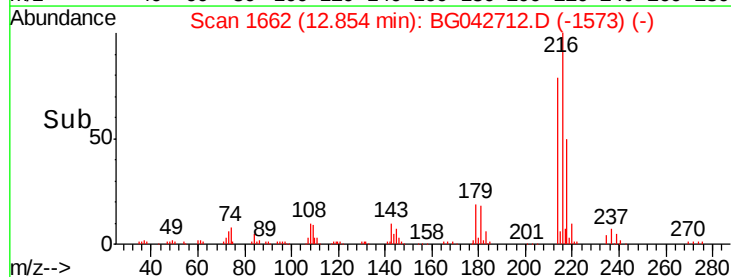
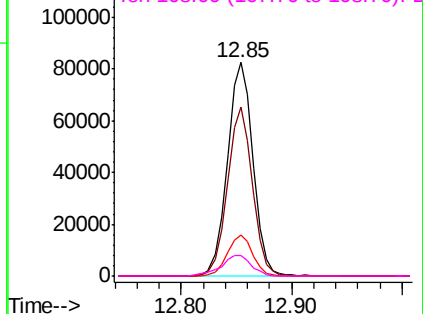
Abundance

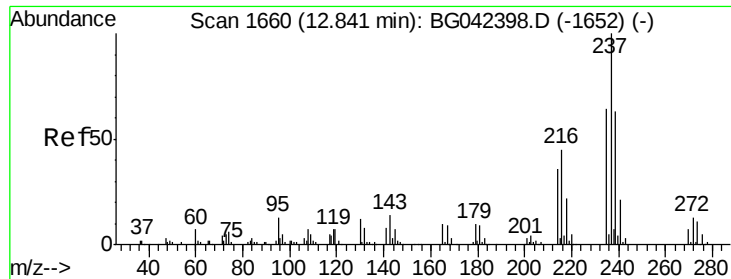
Ion 216.00 (215.70 to 216.70): E

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: 72.085 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB122793BS

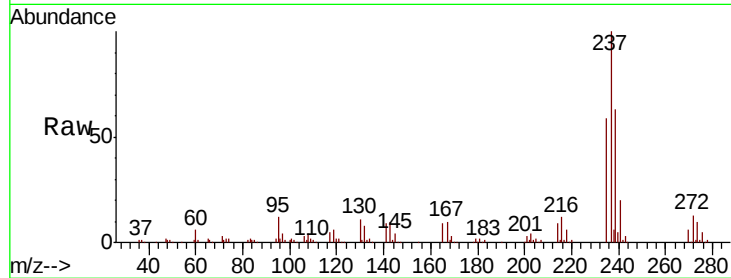
Tot Ion:237 Resp: 108376

Ion Ratio Lower Upper

237 100

235 59.1 43.7 83.7

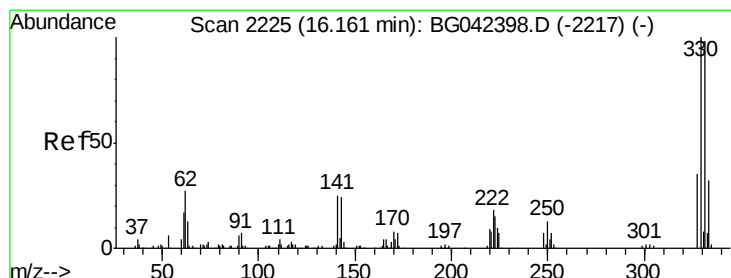
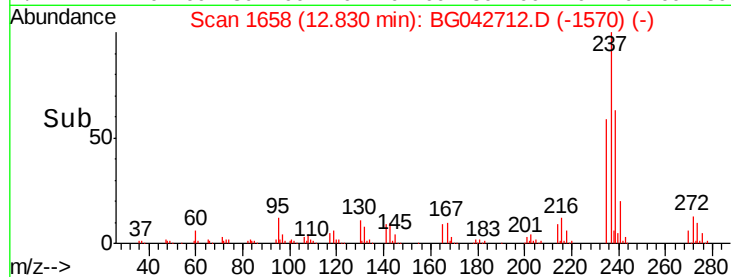
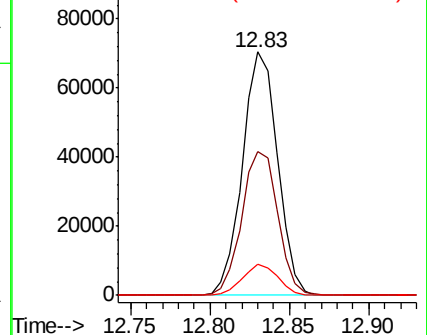
272 12.7 0.0 33.3



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: 125.048 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

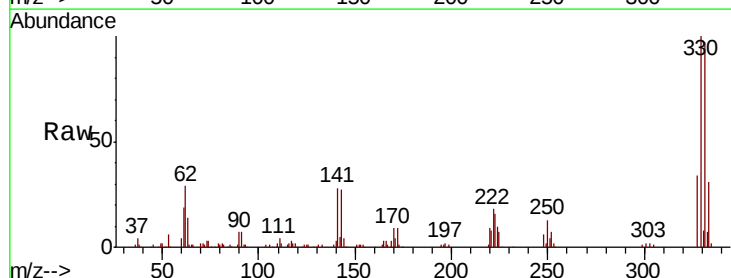
Tgt Ion:330 Resp: 158406

Ion Ratio Lower Upper

330 100

332 98.0 77.4 116.0

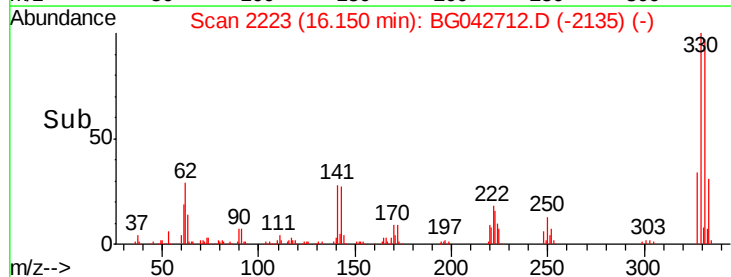
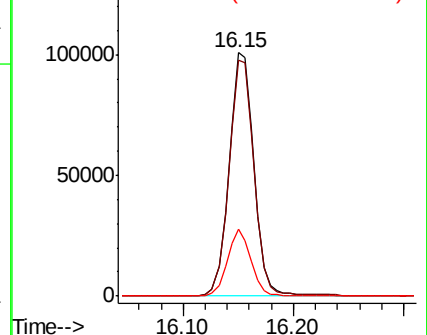
141 25.8 21.4 32.0



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

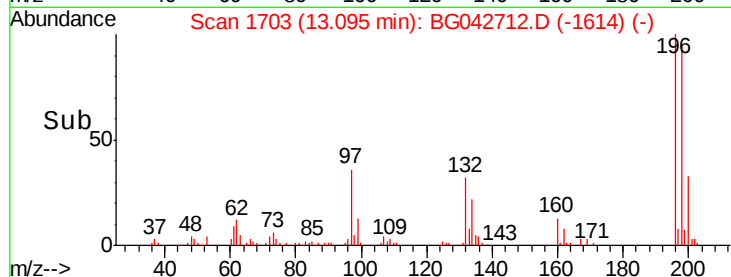
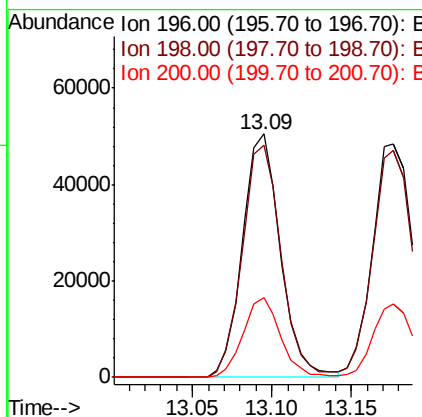
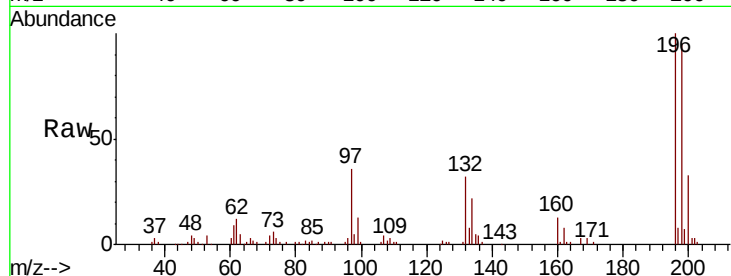




#43
 2,4,6-Trichlorophenol
 Concen: 43.412 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

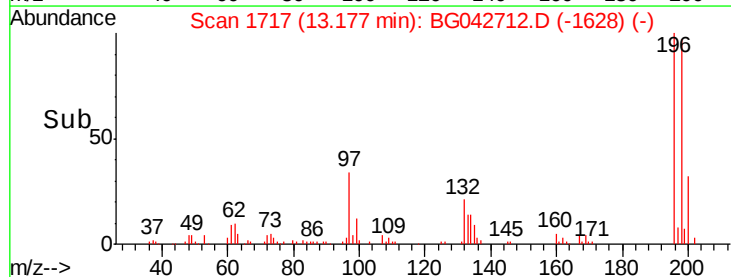
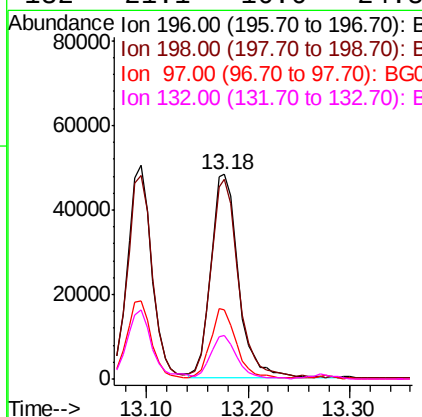
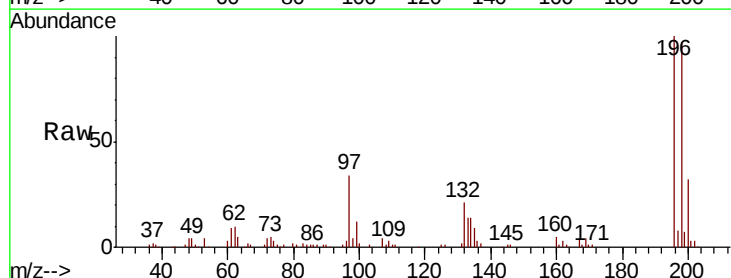
Instrument :
 BNA_G
 ClientSampleId :
 PB122793BS

Tot Ion:196 Resp: 83985
 Ion Ratio Lower Upper
 196 100
 198 95.2 80.7 121.1
 200 32.8 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 45.158 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

Tgt Ion:196 Resp: 90532
 Ion Ratio Lower Upper
 196 100
 198 97.3 80.2 120.4
 97 34.0 26.3 39.5
 132 21.1 16.6 24.8

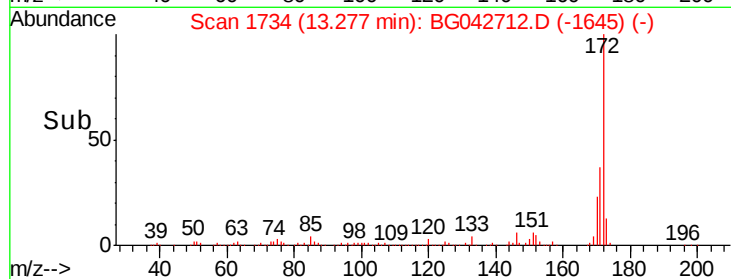
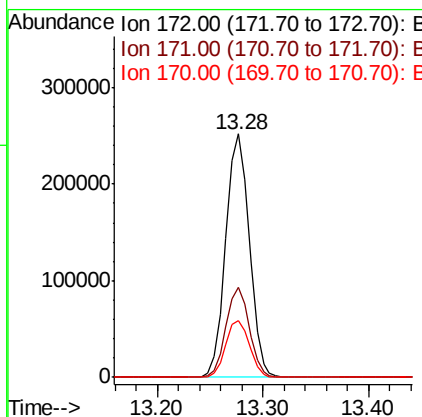
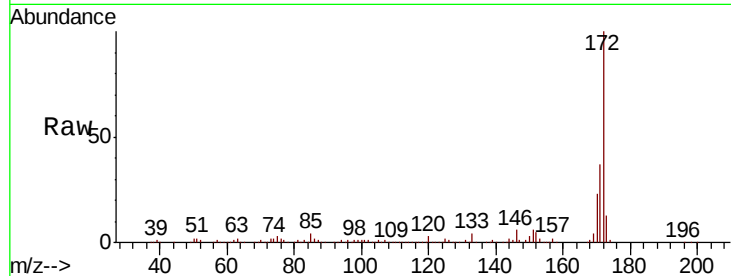




#45
2-Fluorobiphenyl
Concen: 73.810 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

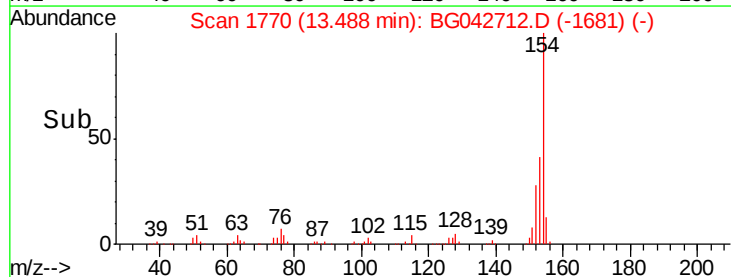
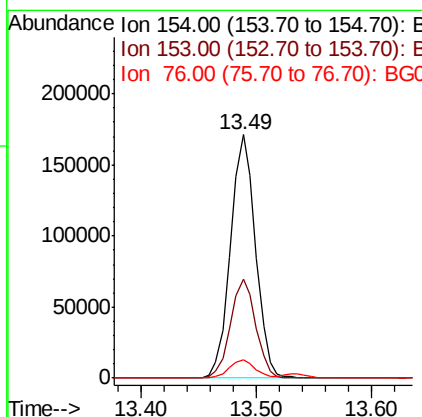
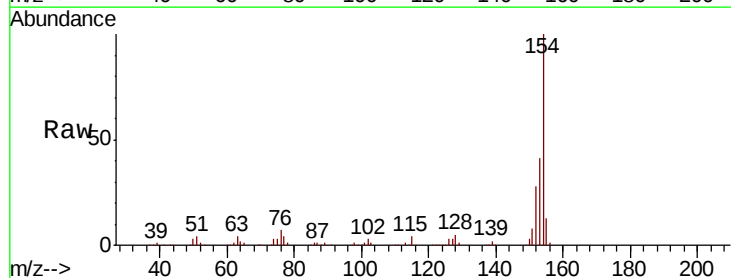
Instrument :
BNA_G
ClientSampleId :
PB122793BS

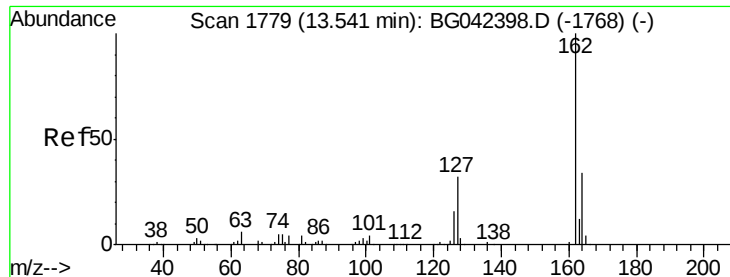
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	23.4	20.2	30.2



#46
1,1'-Biphenyl
Concen: 44.483 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	23.0	63.0
76	7.5	0.0	29.6

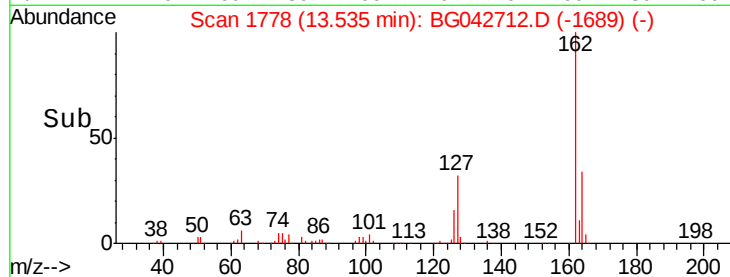
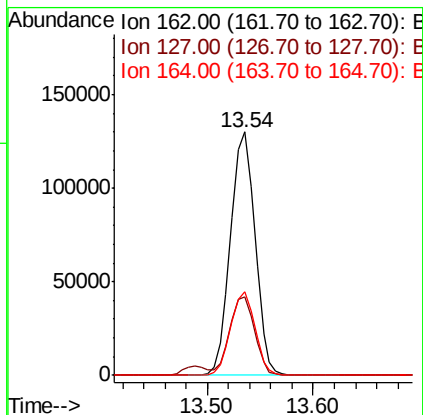
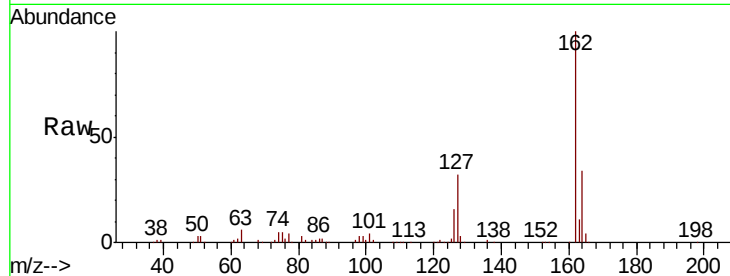




#47
 2-Chloronaphthalene
 Concen: 42.221 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

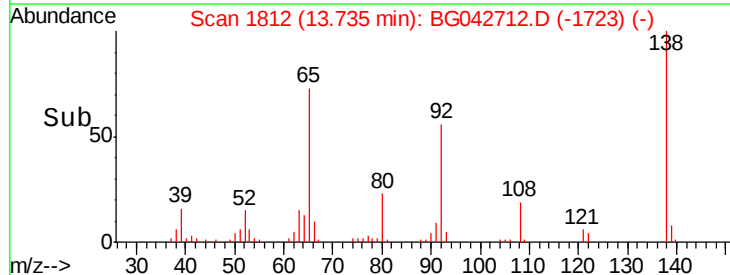
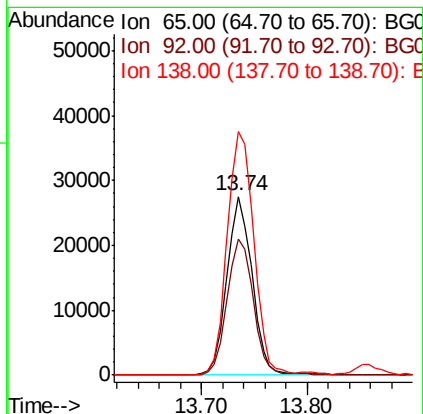
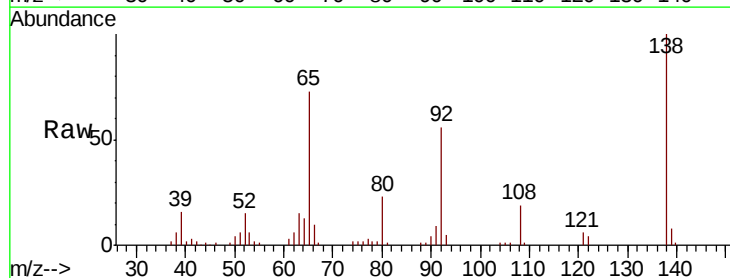
Instrument :
 BNA_G
 ClientSampleId :
 PB122793BS

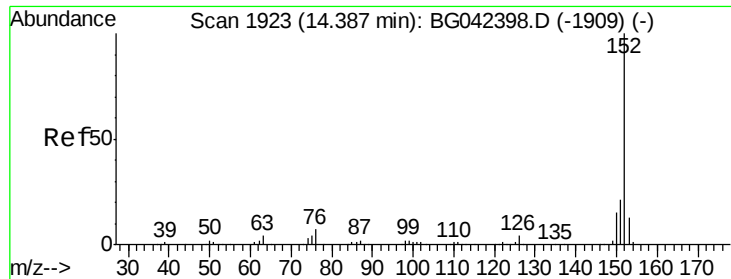
Tot Ion:	162	Resp:	209739
Ion	Ratio	Lower	Upper
162	100		
127	32.2	26.0	39.0
164	34.3	27.4	41.0



#48
 2-Nitroaniline
 Concen: 38.128 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

Tgt Ion:	65	Resp:	45673
Ion	Ratio	Lower	Upper
65	100		
92	76.5	61.8	92.6
138	136.4	111.0	166.6





#49

Acenaphthylene

Concen: 43.879 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB122793BS

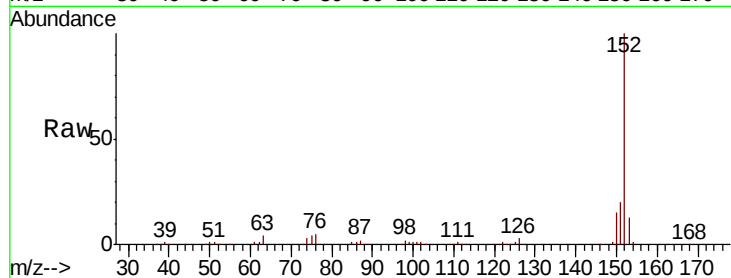
Tot Ion:152 Resp: 327929

Ion Ratio Lower Upper

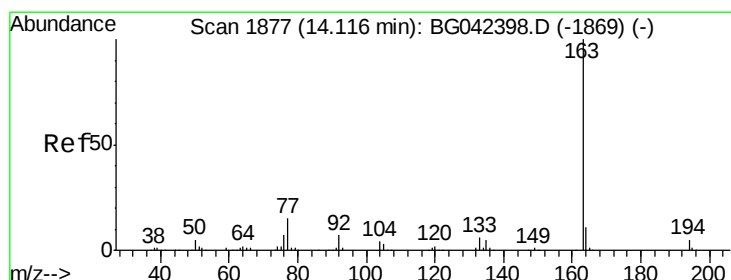
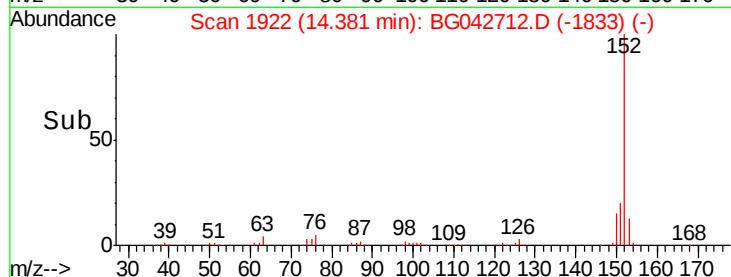
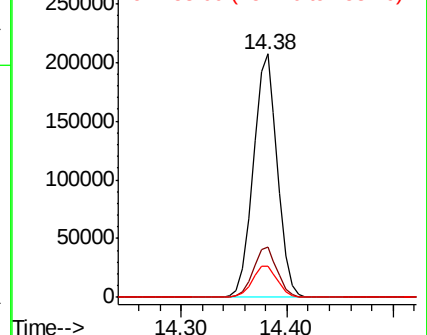
152 100

151 20.5 17.0 25.4

153 13.0 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: 41.949 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

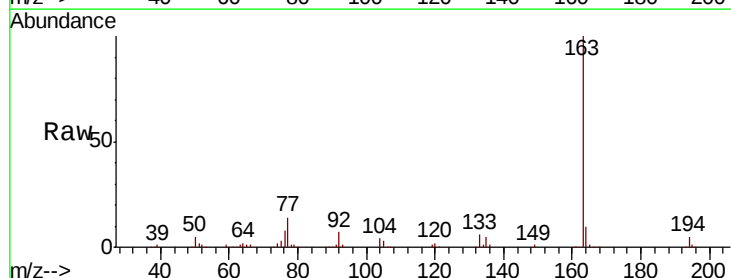
Tgt Ion:163 Resp: 269762

Ion Ratio Lower Upper

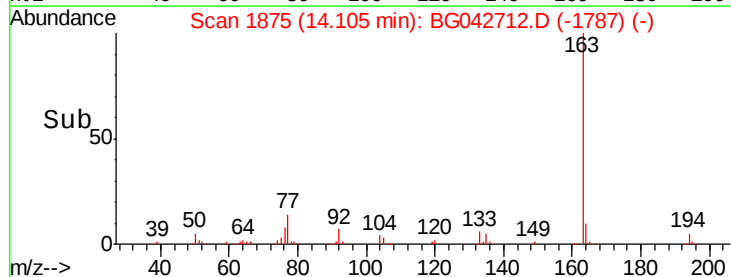
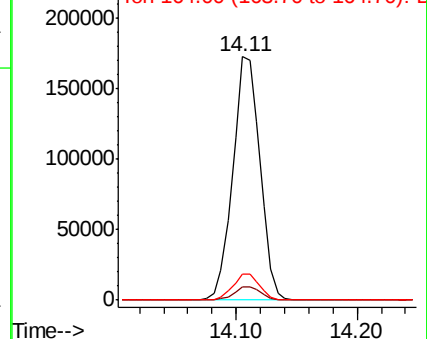
163 100

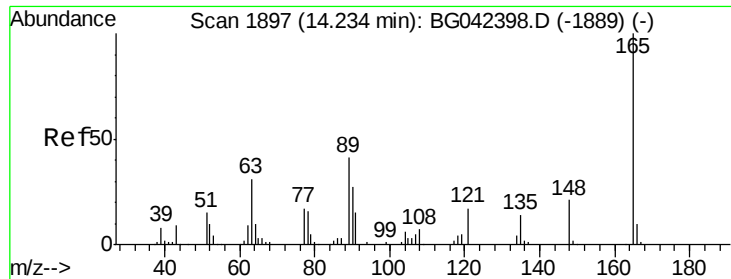
194 5.3 4.2 6.2

164 10.4 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.145 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB122793BS

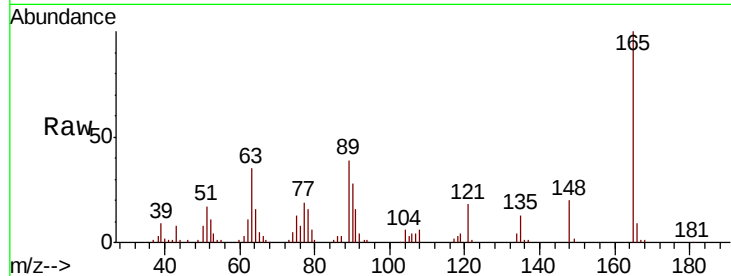
Tot Ion:165 Resp: 65802

Ion Ratio Lower Upper

165 100

63 35.4 30.6 45.8

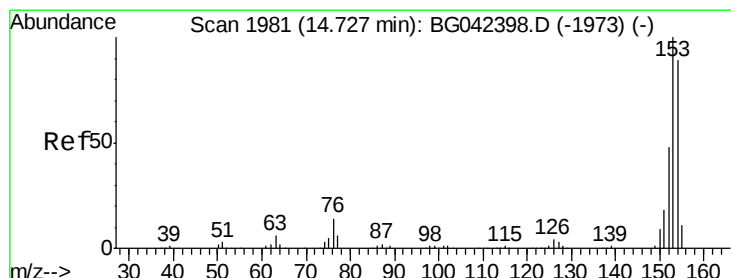
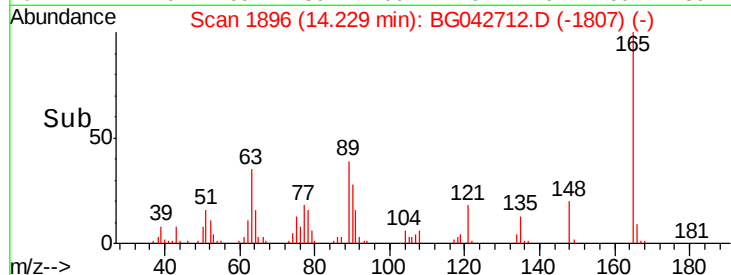
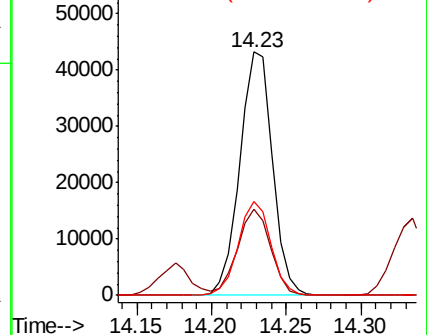
89 38.6 32.6 49.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 42.098 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

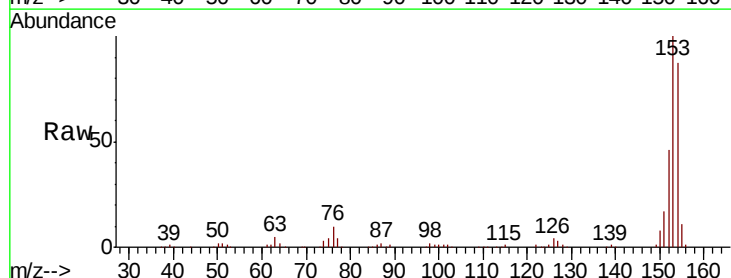
Tgt Ion:154 Resp: 191045

Ion Ratio Lower Upper

154 100

153 115.3 90.2 135.4

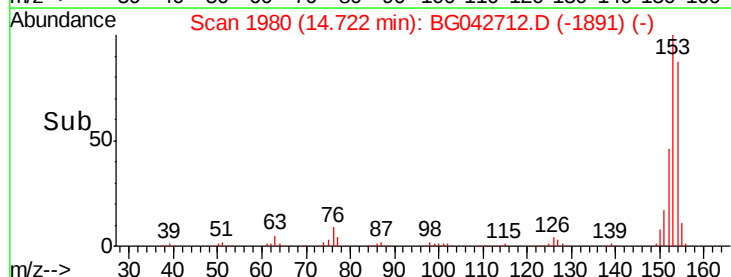
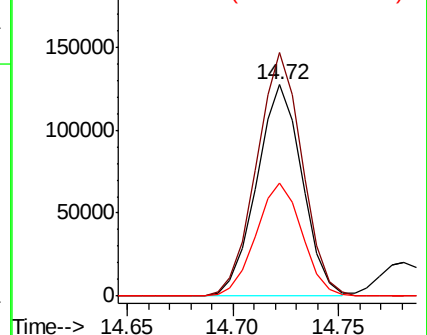
152 53.6 43.2 64.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.297 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB122793BS

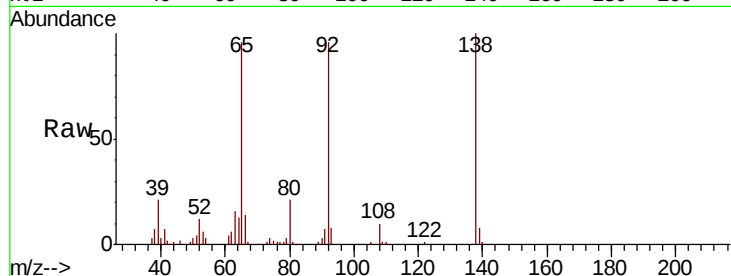
Tot Ion:138 Resp: 42184

Ion Ratio Lower Upper

138 100

108 10.4 8.3 12.5

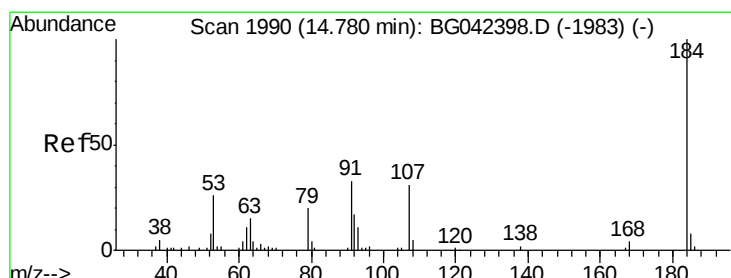
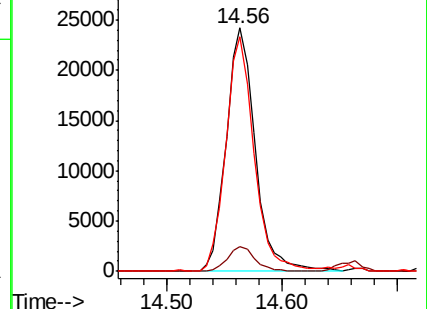
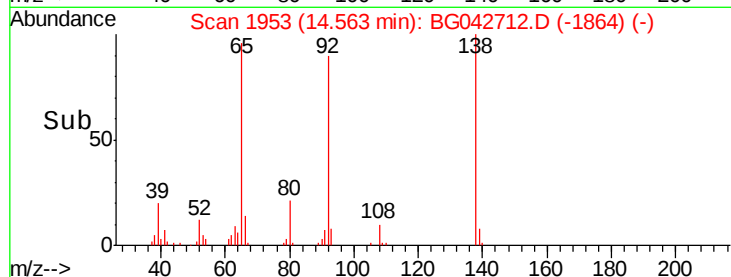
92 96.2 78.2 117.4



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: 76.198 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

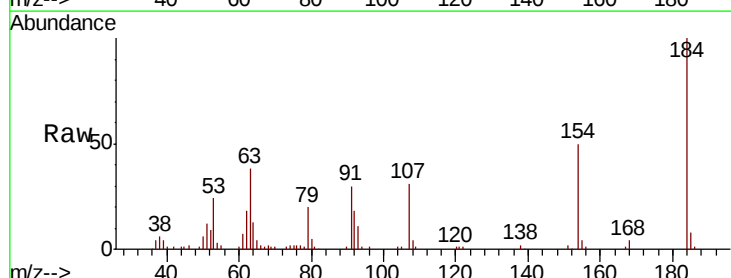
Tgt Ion:184 Resp: 76239

Ion Ratio Lower Upper

184 100

63 38.5 31.7 47.5

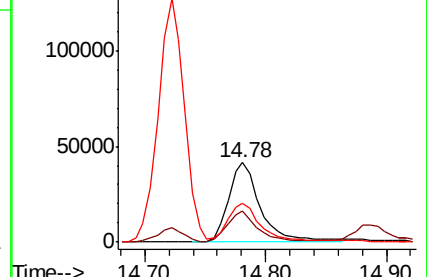
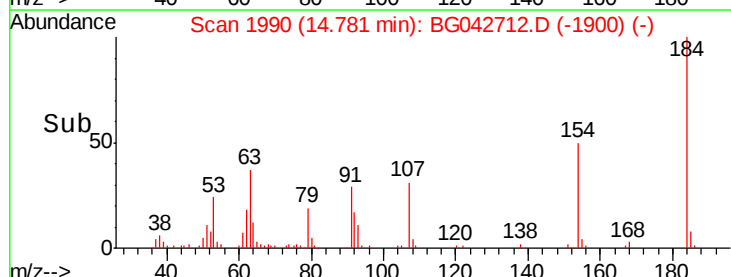
154 49.6 42.0 63.0



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

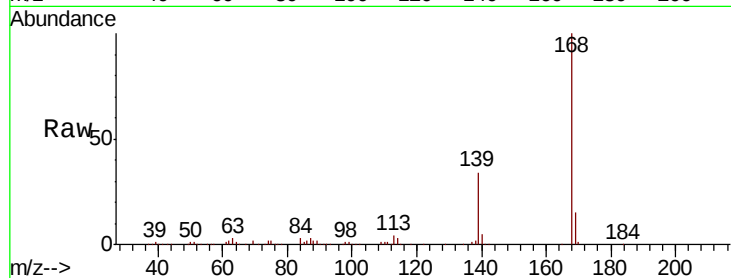




#55
Dibenzenofuran
Concen: 45.244 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

Instrument :
BNA_G
ClientSampleId :
PB122793BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	33.9	27.2	40.8
169	14.6	11.5	17.3

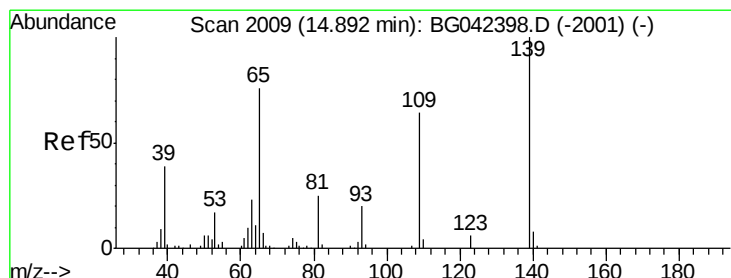
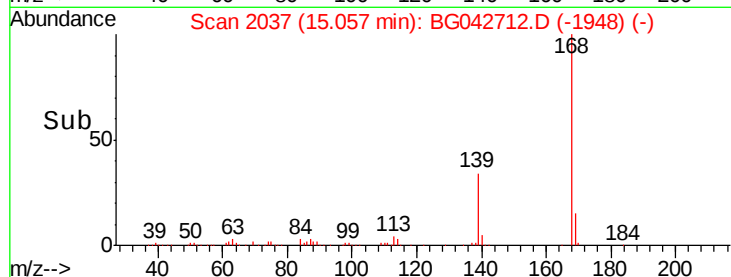
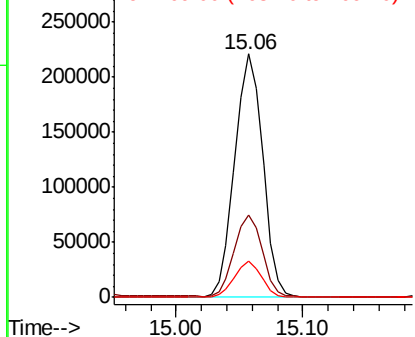


Abundance

Ion 168.00 (167.70 to 168.70): E

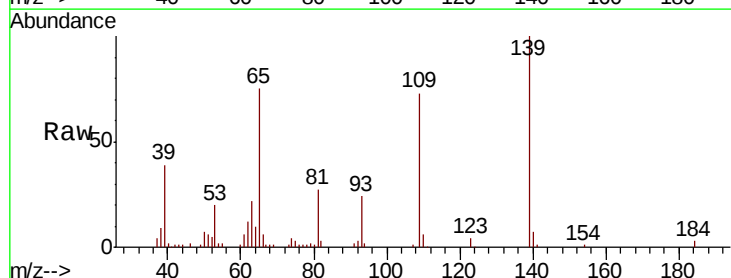
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 84.314 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.0	43.9	83.9
65	74.7	56.3	96.3

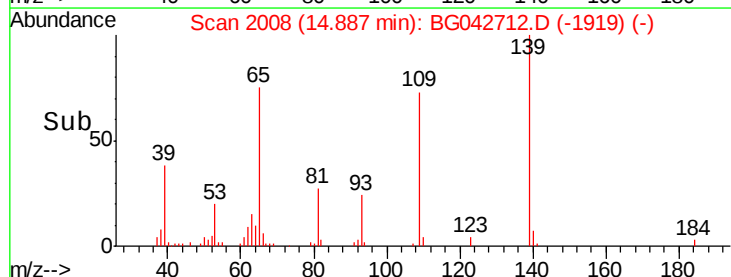
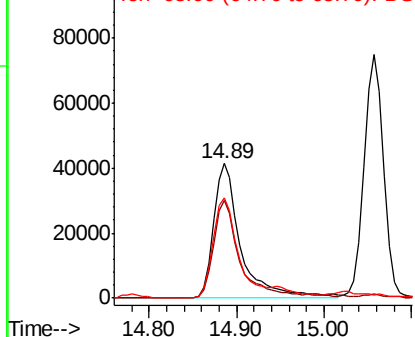


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

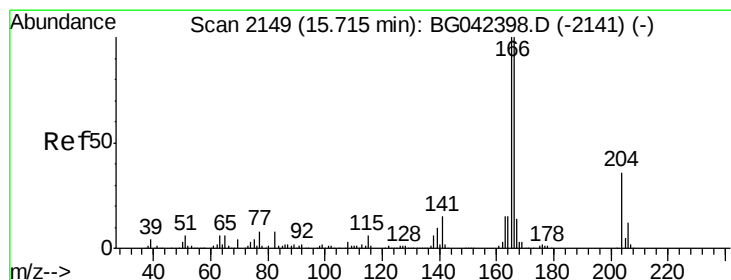
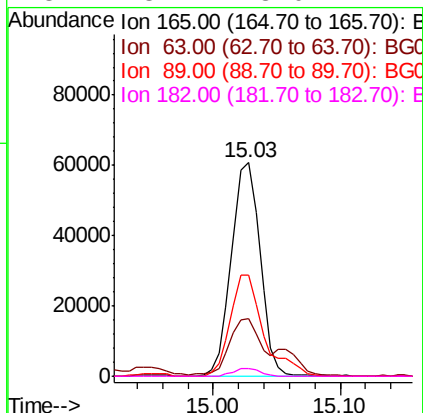
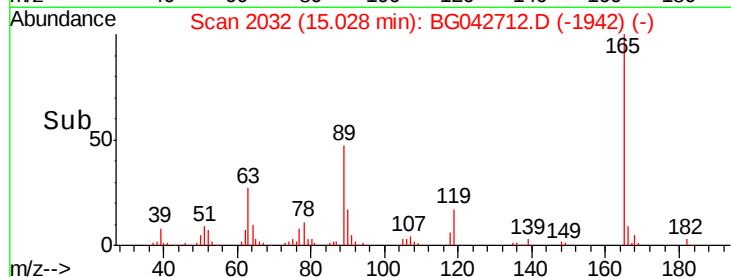
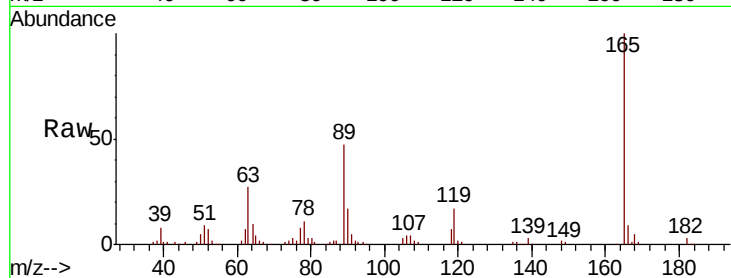




#57
 2,4-Dinitrotoluene
 Concen: 44.773 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

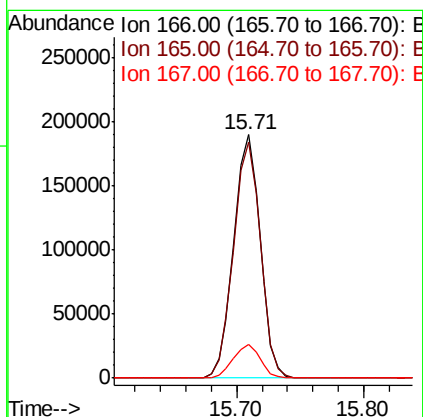
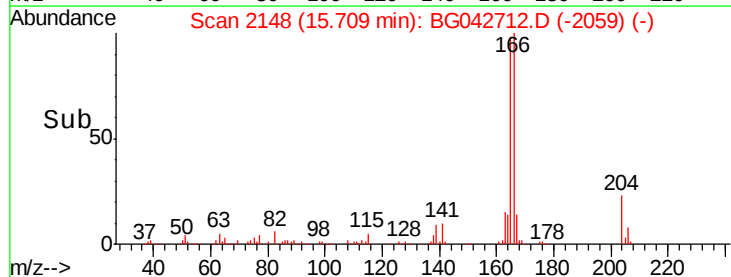
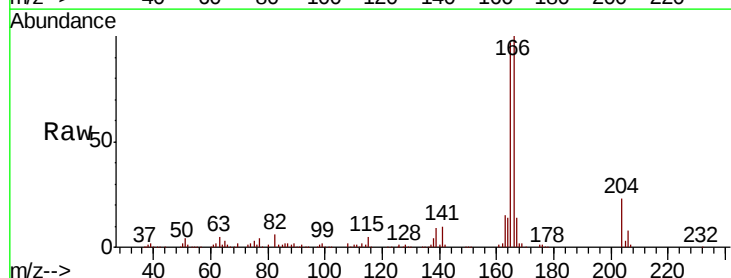
Instrument :
 BNA_G
 ClientSampleId :
 PB122793BS

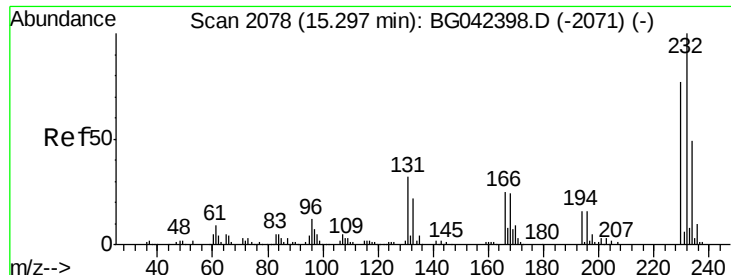
Tot Ion:165	Resp:	95568
Ion Ratio	Lower	Upper
165	100	
63	26.8	22.5 33.7
89	47.4	37.8 56.6
182	3.4	3.0 4.4



#58
 Fluorene
 Concen: 44.948 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

Tgt Ion:166	Resp:	276001
Ion Ratio	Lower	Upper
166	100	
165	96.9	79.7 119.5
167	13.9	10.9 16.3

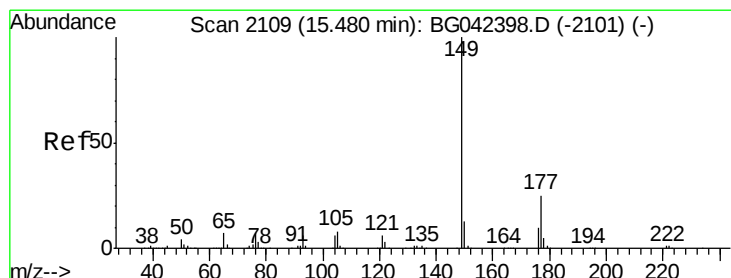
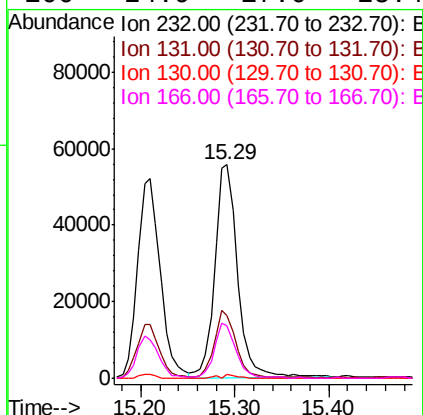
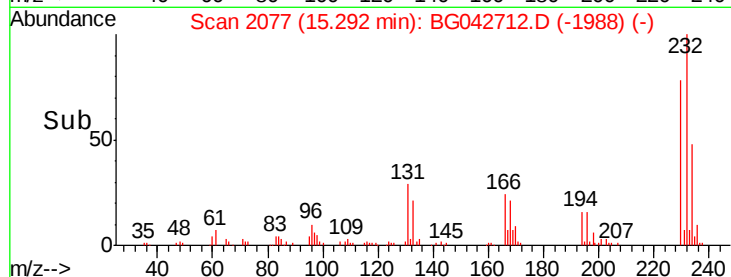
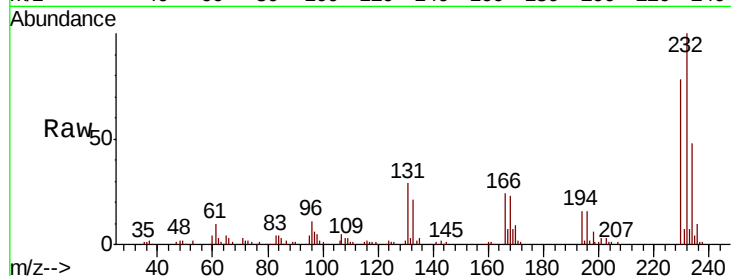




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.382 ng
RT: 15.29 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

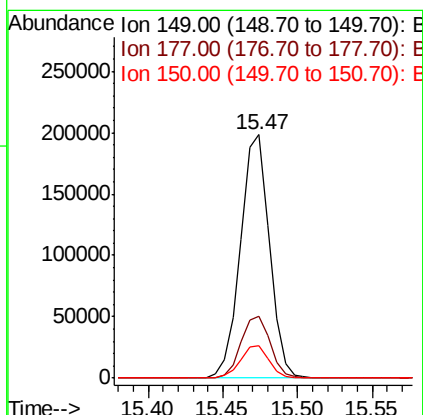
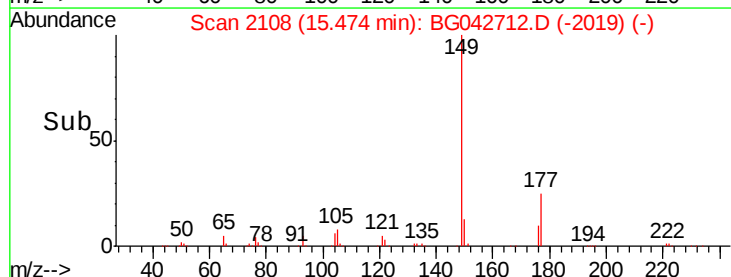
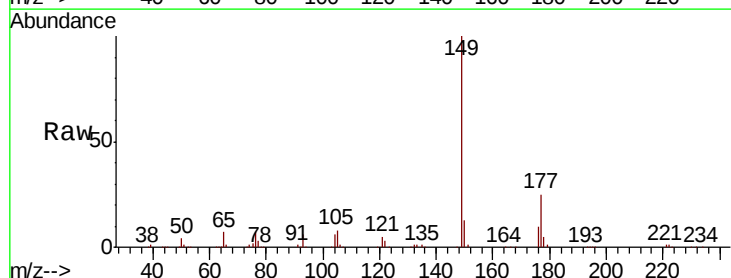
Instrument :
BNA_G
ClientSampleId :
PB122793BS

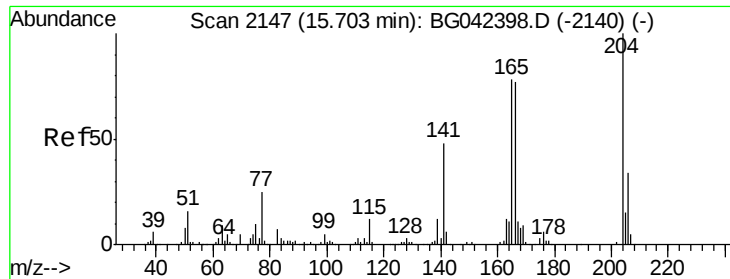
Tot Ion	Ratio	Lower	Upper
232	100		
131	31.5	22.9	34.3
130	0.8	1.4	2.0
166	24.9	17.0	25.4



#60
Diethylphthalate
Concen: 42.446 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.5	20.4	30.6
150	13.1	10.3	15.5

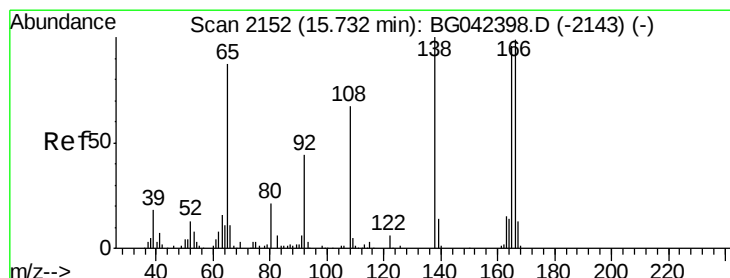
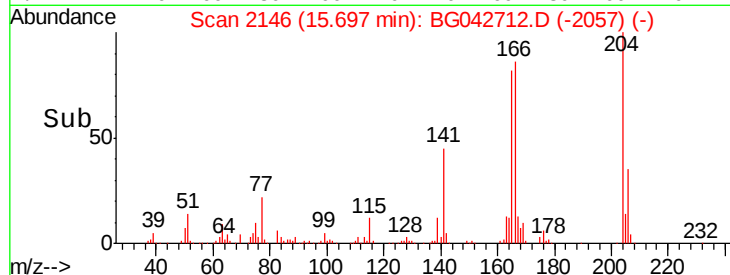
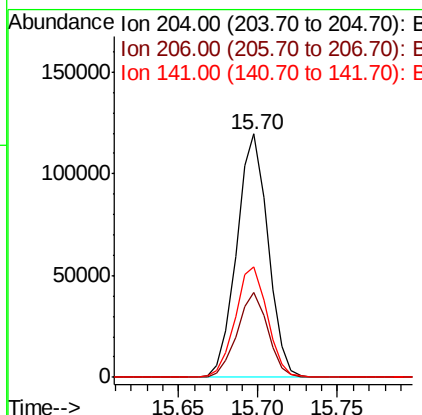
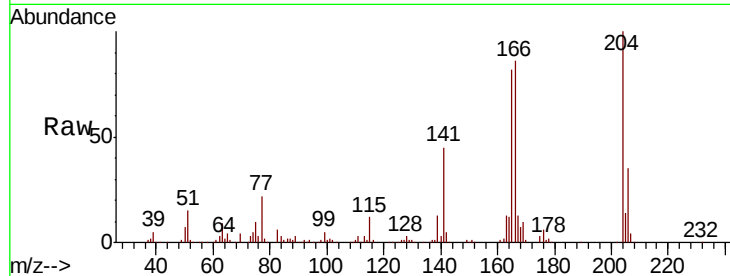




#61
 4-Chlorophenyl-phenylether
 Concen: 44.127 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

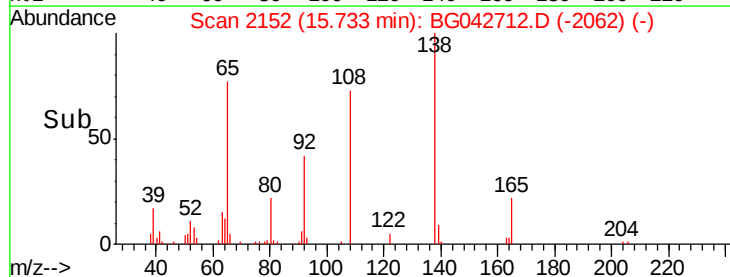
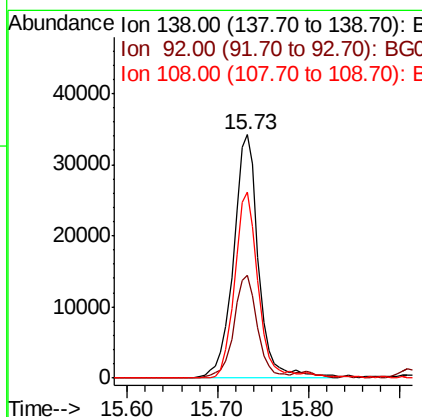
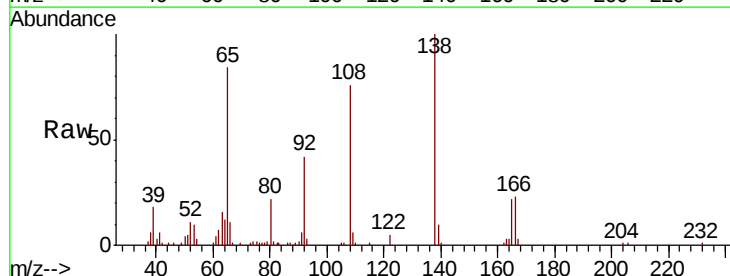
Instrument :
 BNA_G
 ClientSampleId :
 PB122793BS

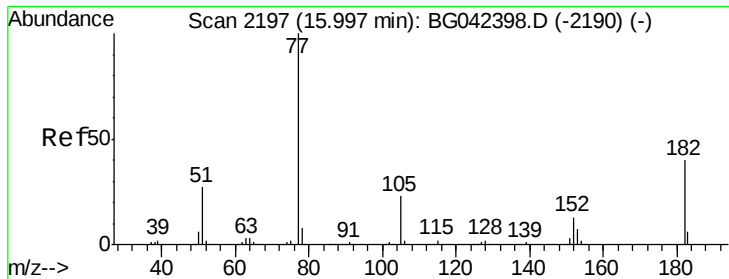
Tot Ion:204 Resp: 163338
 Ion Ratio Lower Upper
 204 100
 206 34.7 27.2 40.8
 141 45.2 38.7 58.1



#62
 4-Nitroaniline
 Concen: 41.436 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

Tgt Ion:138 Resp: 66110
 Ion Ratio Lower Upper
 138 100
 92 42.0 24.2 64.2
 108 76.3 46.8 86.8





#63

Azobenzene

Concen: 40.573 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB122793BS

Tot Ion: 77 Resp: 174771

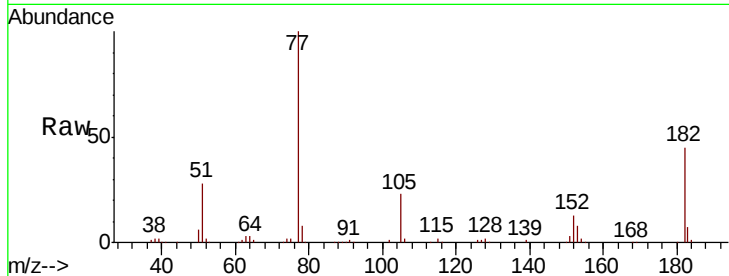
Ion Ratio Lower Upper

77 100

182 44.7 19.9 59.9

105 23.0 2.9 42.9

51 27.6 7.6 47.6

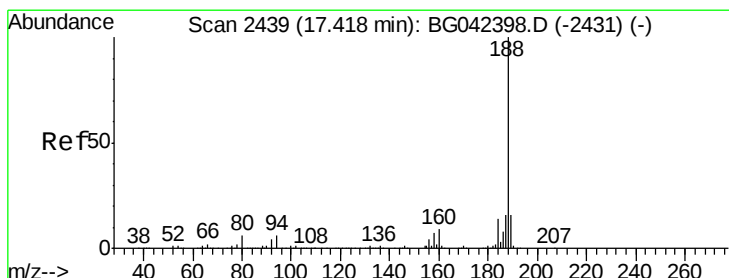
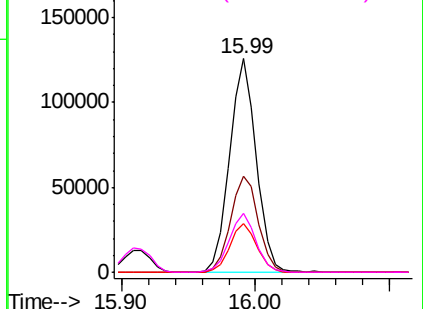
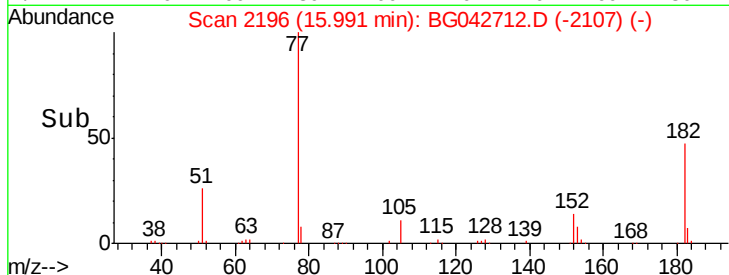


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

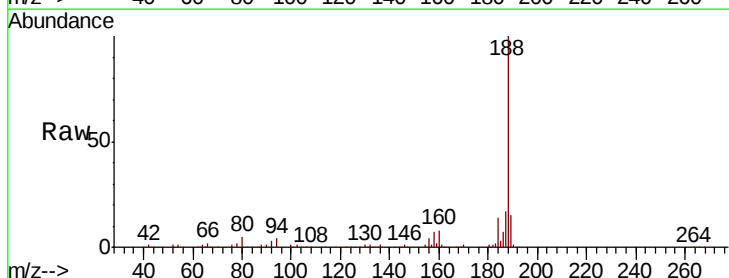
Tgt Ion: 188 Resp: 219594

Ion Ratio Lower Upper

188 100

94 4.4 4.5 6.7#

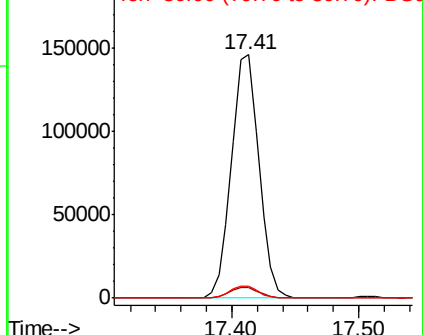
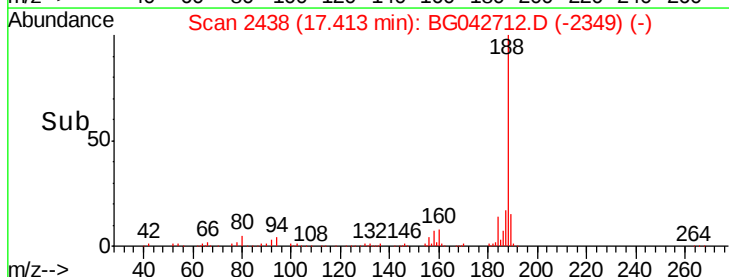
80 5.1 4.9 7.3



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: 45.956 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Instrument :

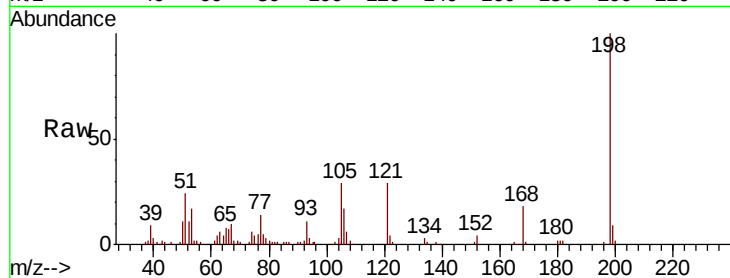
BNA_G

ClientSampleId :

PB122793BS

Tot Ion:198 Resp: 63271

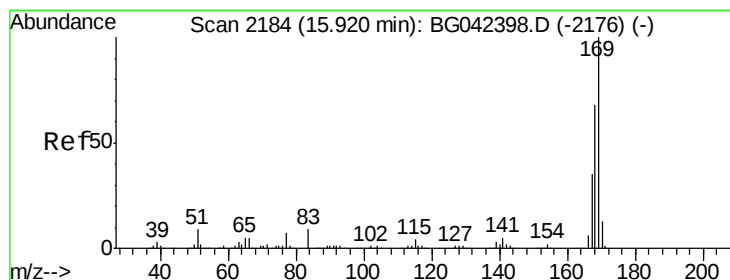
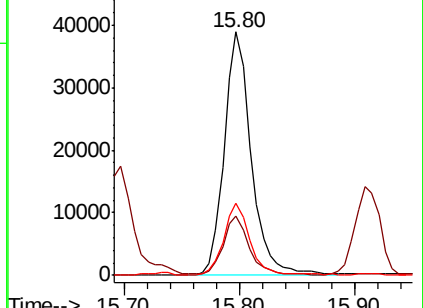
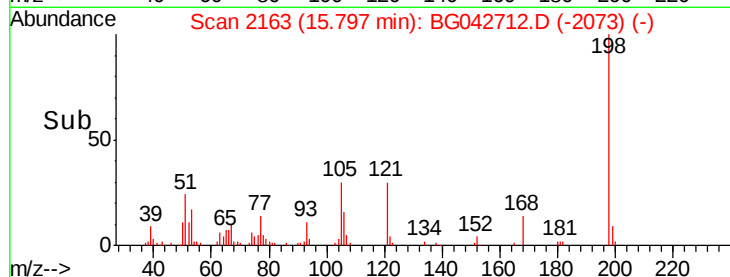
Ion	Ratio	Lower	Upper
198	100		
51	24.2	4.2	44.2
105	29.5	8.8	48.8



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: 42.793 ng

RT: 15.91 min Scan# 2183

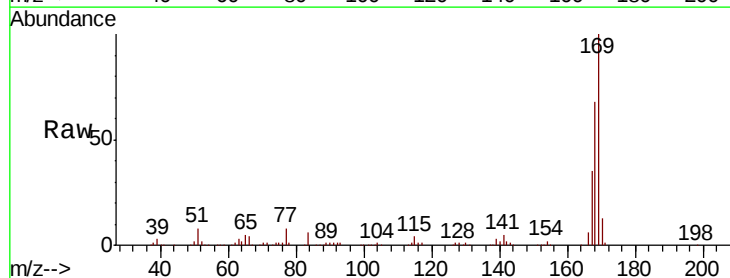
Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Tgt Ion:169 Resp: 258429

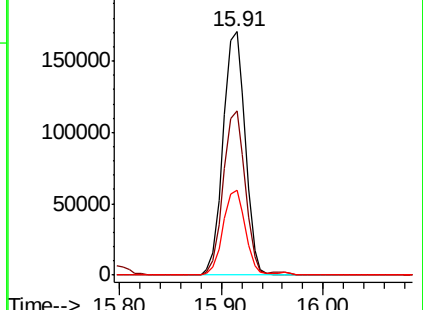
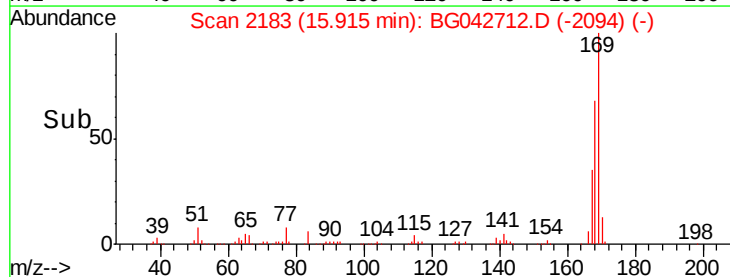
Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.3	81.5
167	34.7	28.2	42.2

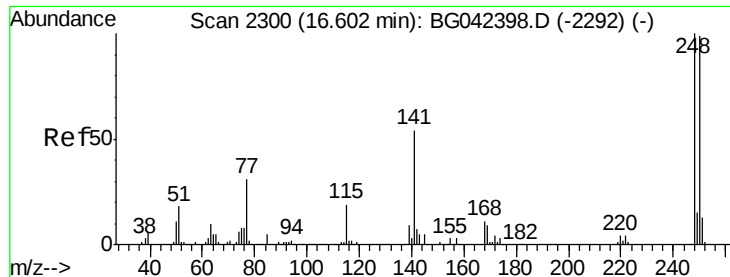


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

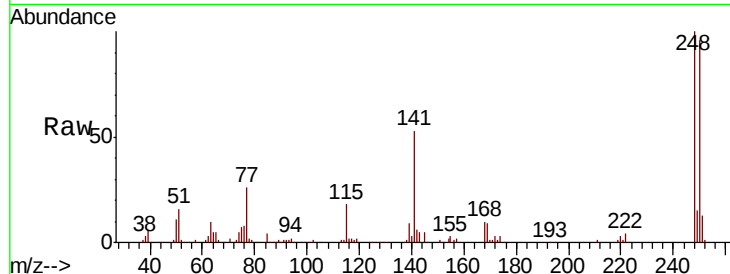




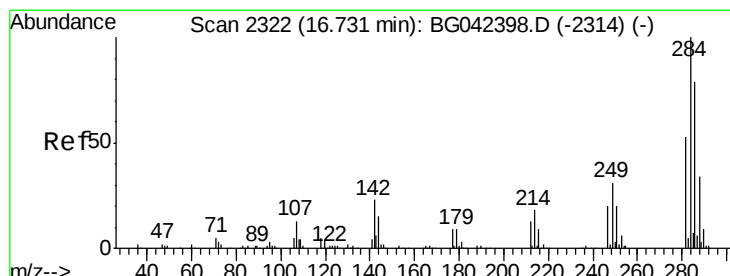
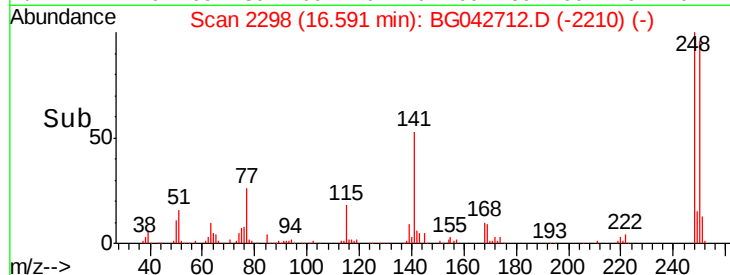
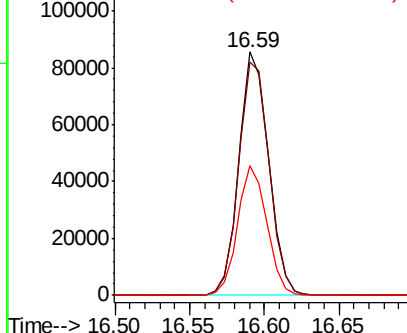
#67
 4-Bromophenyl-phenylether
 Concen: 42.332 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

Instrument :
 BNA_G
 ClientSampleId :
 PB122793BS

Tot Ion:248 Resp: 117913
 Ion Ratio Lower Upper
 248 100
 250 95.7 78.9 118.3
 141 53.1 43.3 64.9

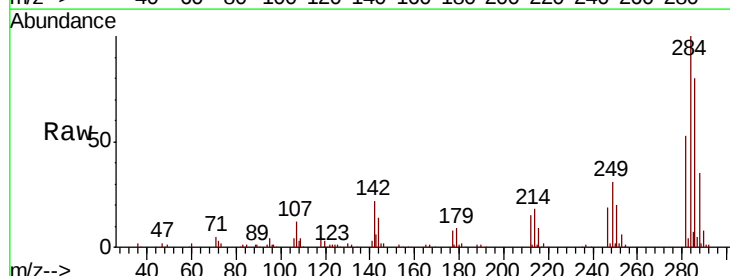


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

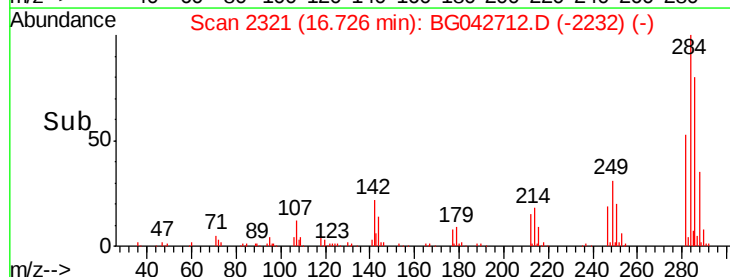
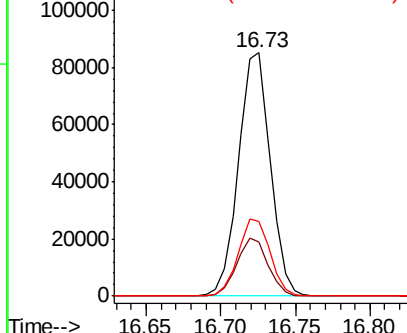


#68
 Hexachlorobenzene
 Concen: 41.523 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

Tgt Ion:284 Resp: 125730
 Ion Ratio Lower Upper
 284 100
 142 22.2 18.2 27.4
 249 30.7 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: 45.714 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB122793BS

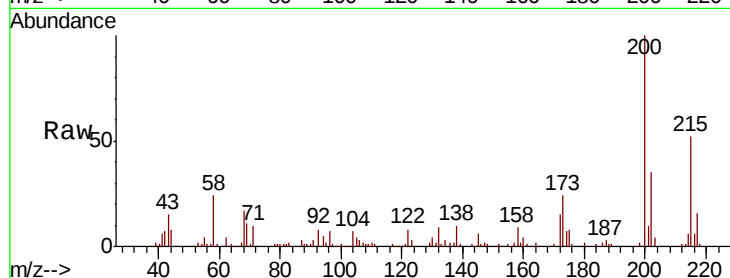
Tot Ion:200 Resp: 97626

Ion Ratio Lower Upper

200 100

173 24.4 4.9 44.9

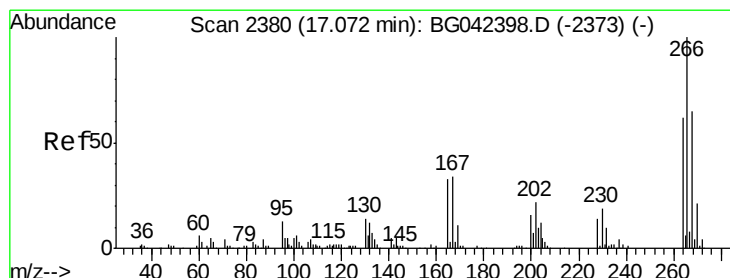
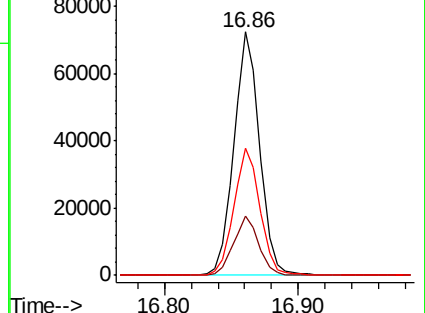
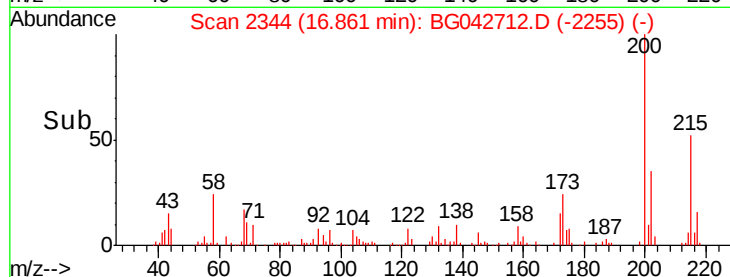
215 52.2 30.7 70.7



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: 87.044 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

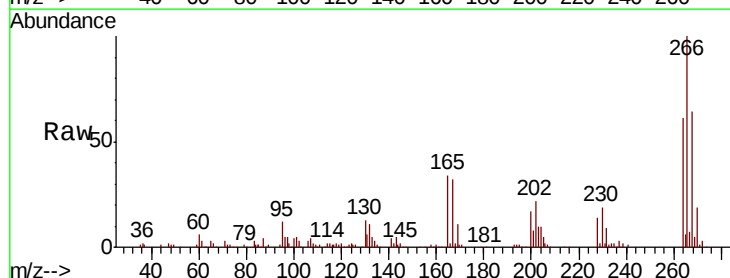
Tgt Ion:266 Resp: 136943

Ion Ratio Lower Upper

266 100

268 63.8 52.1 78.1

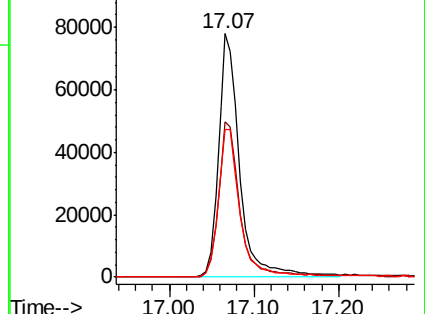
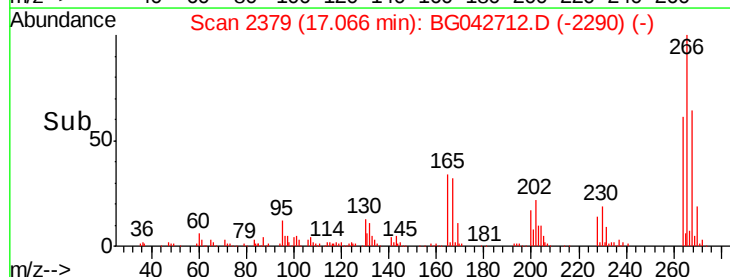
264 60.8 49.4 74.2

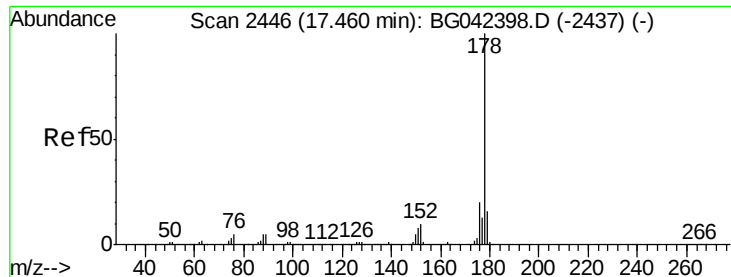


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

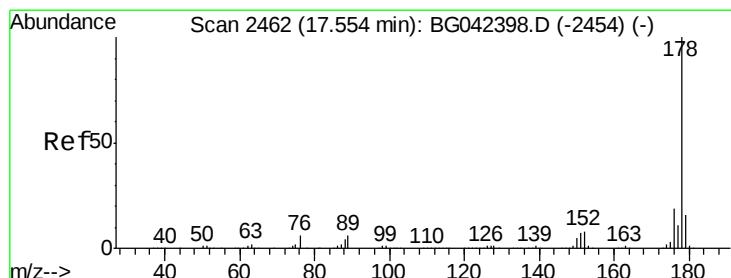
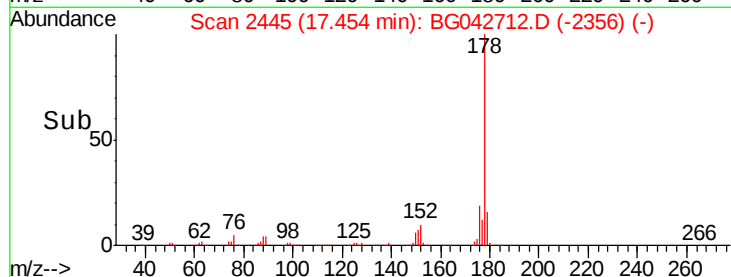
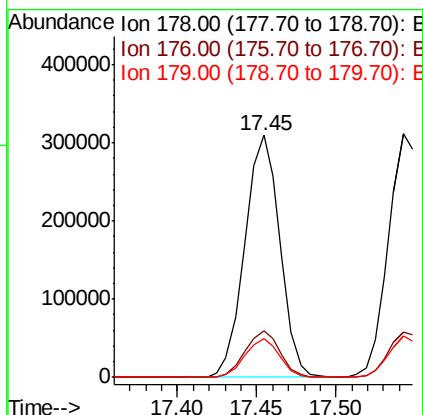
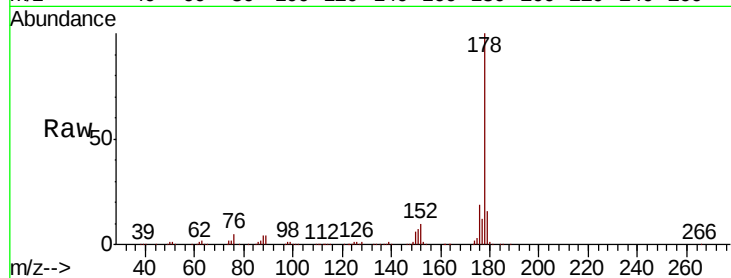




#71
Phenanthrene
Concen: 43.596 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

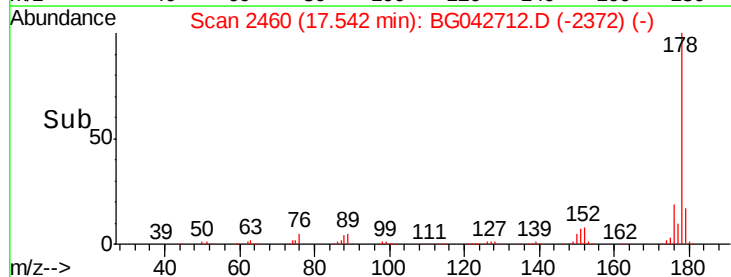
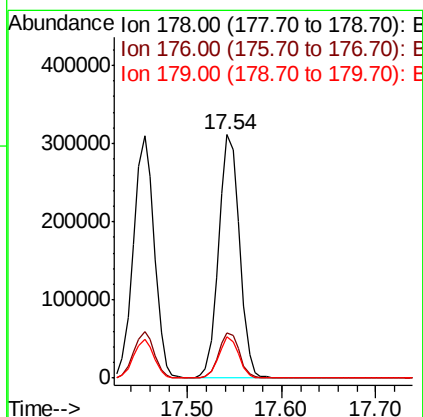
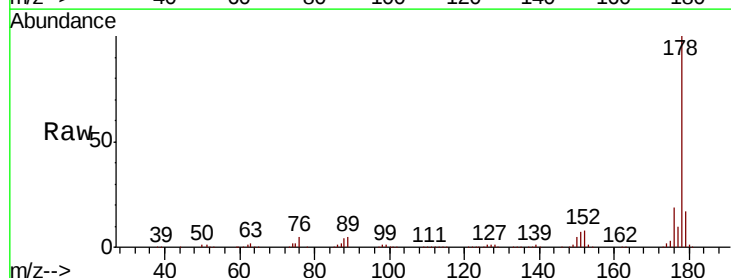
Instrument :
BNA_G
ClientSampleId :
PB122793BS

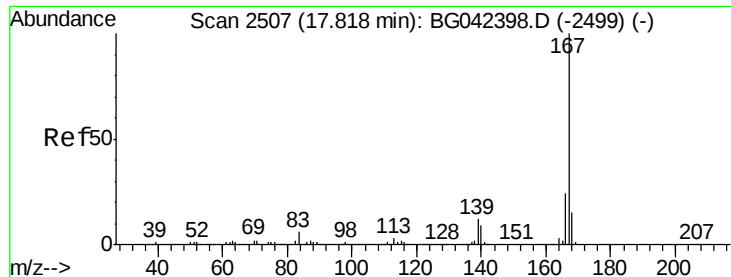
Tot Ion:178 Resp: 475534
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 16.2 12.7 19.1



#72
Anthracene
Concen: 44.413 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

Tgt Ion:178 Resp: 483620
Ion Ratio Lower Upper
178 100
176 18.6 15.5 23.3
179 16.8 12.9 19.3

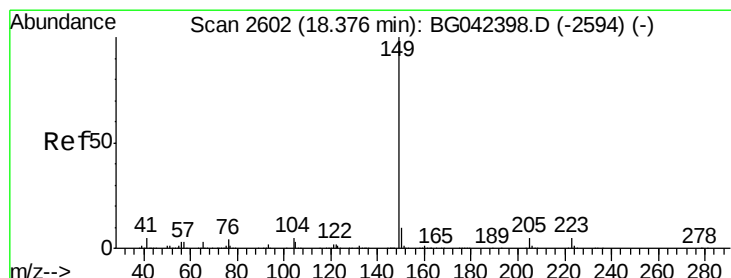
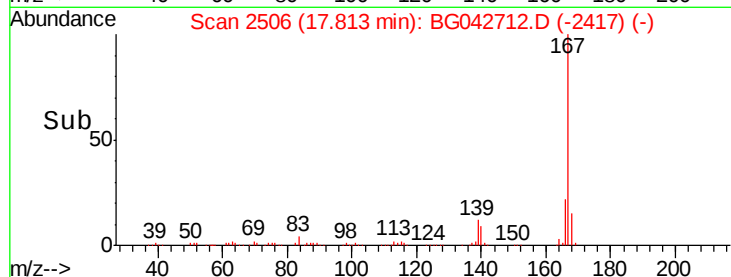
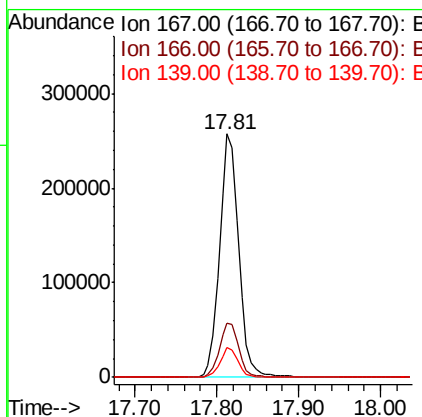
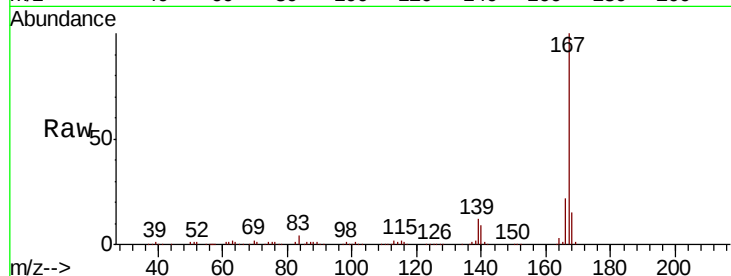




#73
 Carbazole
 Concen: 43.291 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

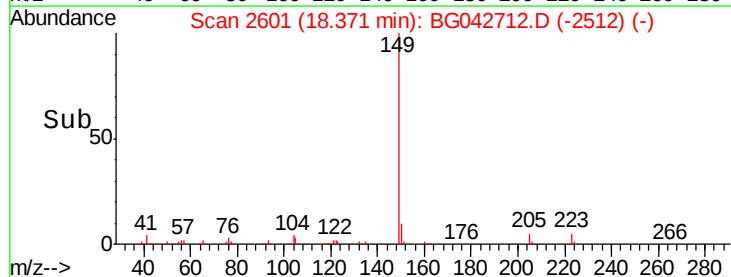
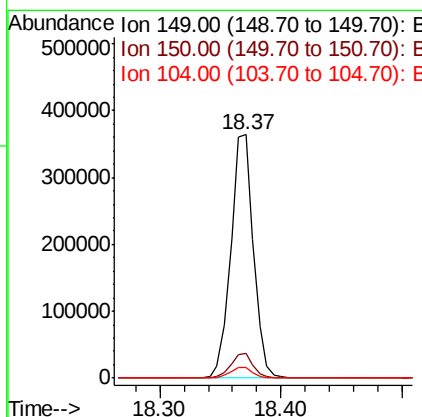
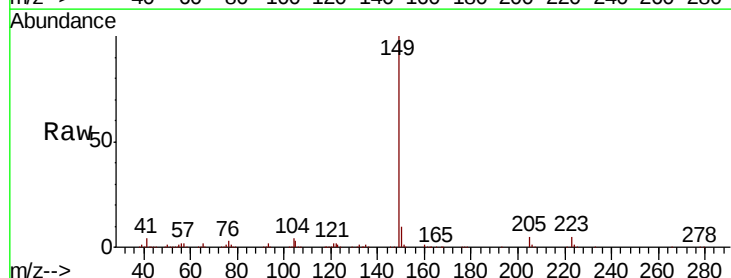
Instrument :
 BNA_G
 ClientSampleId :
 PB122793BS

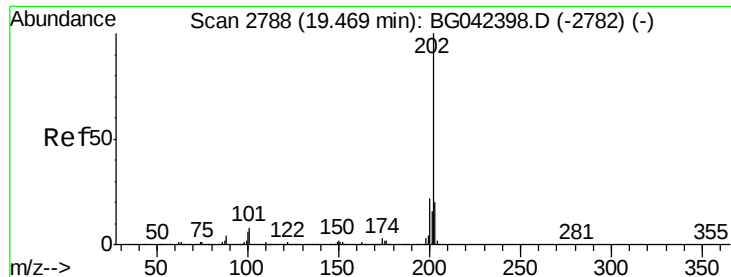
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.9	28.3
139	12.2	9.8	14.6



#74
 Di-n-butylphthalate
 Concen: 41.507 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	4.3	3.7	5.5





#75

Fluoranthene

Concen: 46.514 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB122793BS

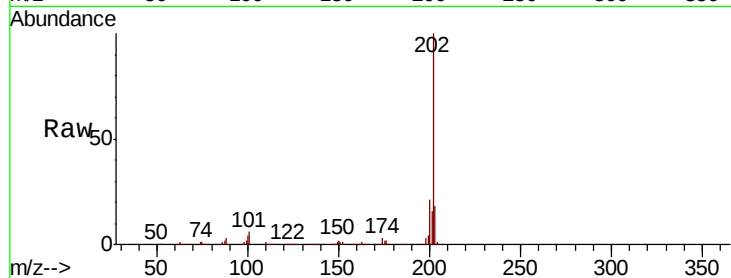
Tot Ion:202 Resp: 619187

Ion Ratio Lower Upper

202 100

101 5.6 0.0 28.3

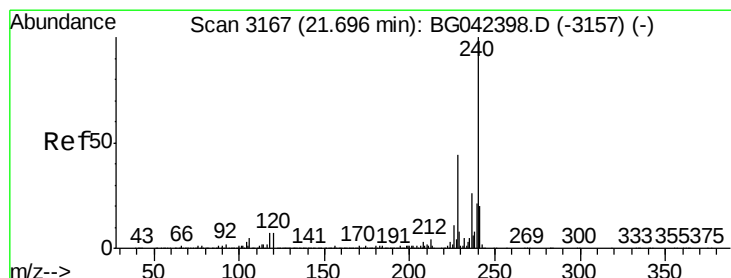
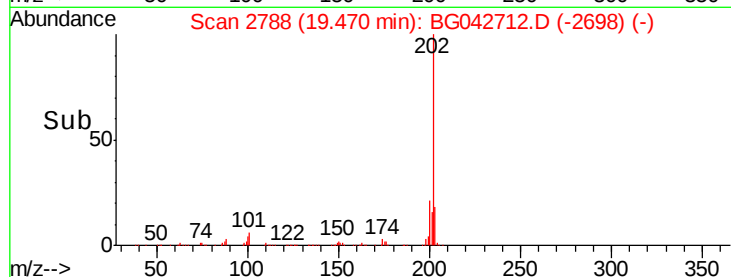
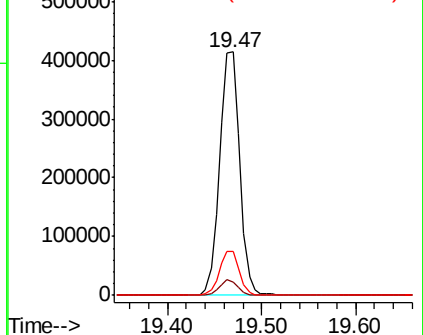
203 18.1 0.0 39.6



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. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

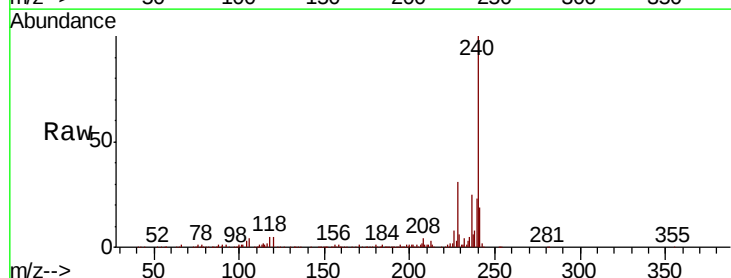
Tgt Ion:240 Resp: 234661

Ion Ratio Lower Upper

240 100

120 5.3 5.7 8.5#

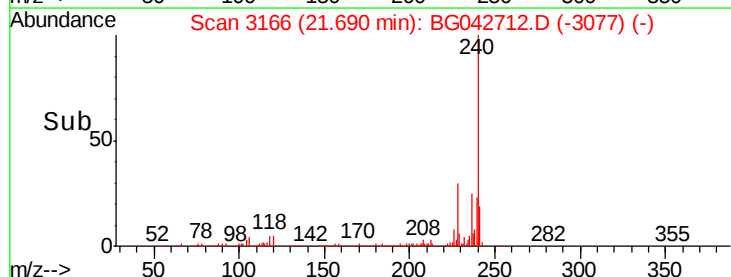
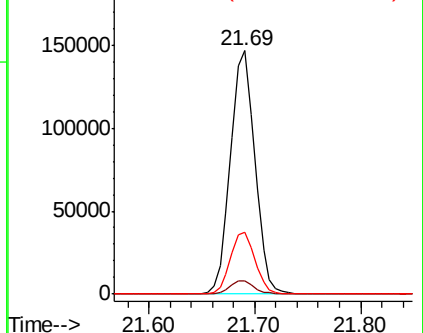
236 25.3 21.0 31.4



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: 25.551 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB122793BS

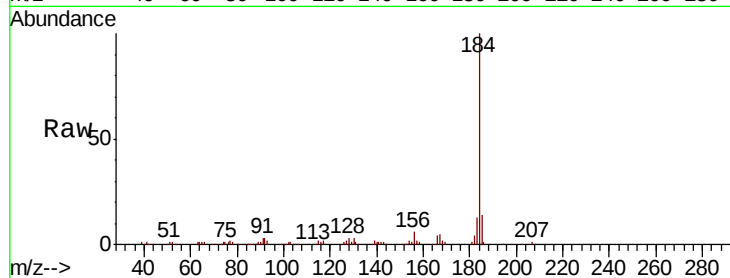
Tot Ion:184 Resp: 171903

Ion Ratio Lower Upper

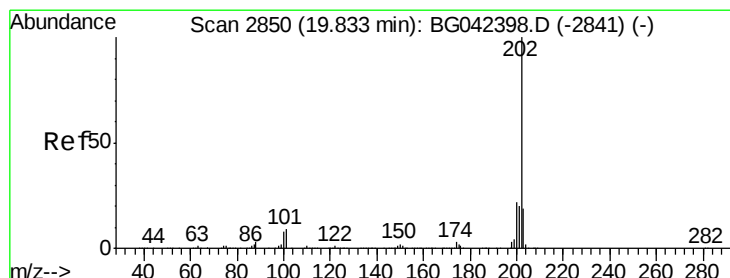
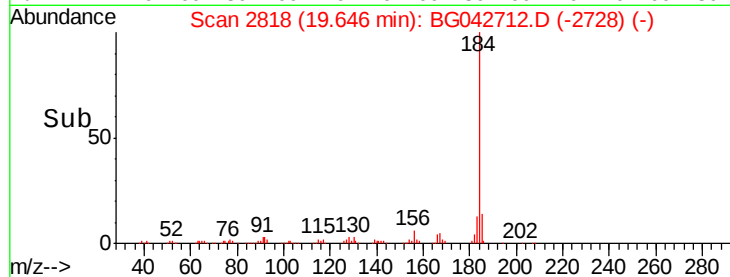
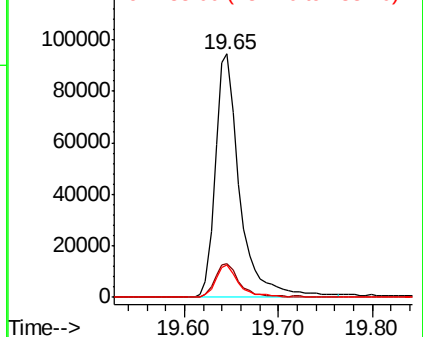
184 100

185 14.1 12.2 18.4

183 13.1 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: 43.087 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

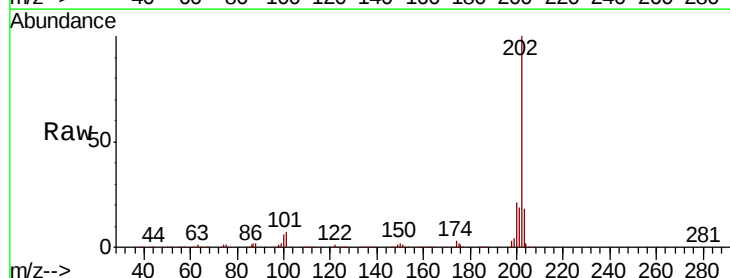
Tgt Ion:202 Resp: 619892

Ion Ratio Lower Upper

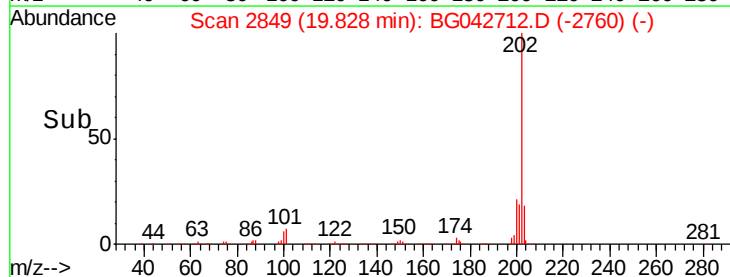
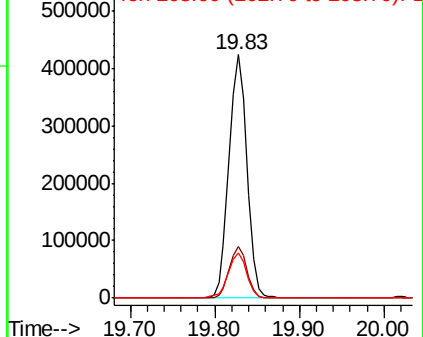
202 100

200 21.3 17.8 26.6

203 18.4 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: 71.652 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB122793BS

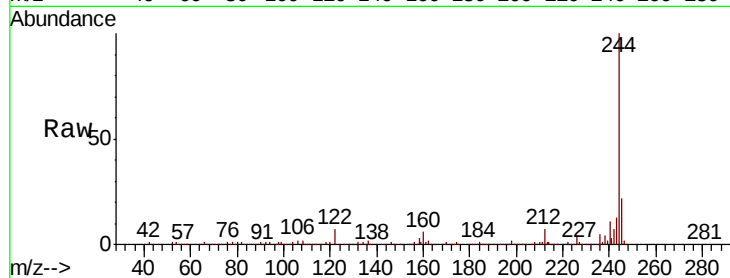
Tot Ion:244 Resp: 777734

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

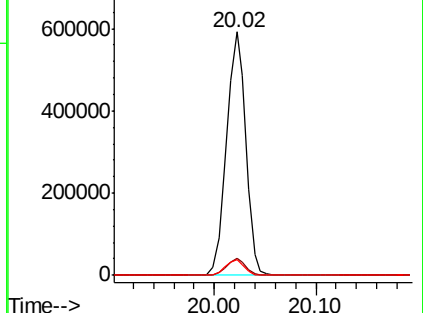
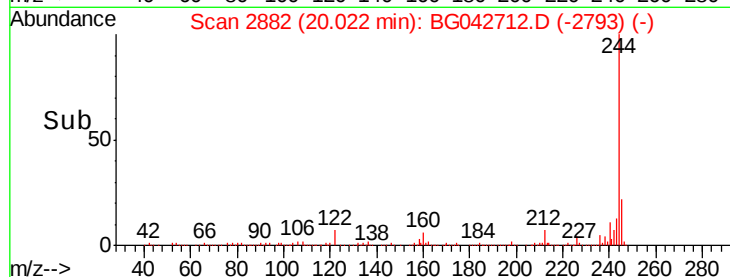
122 6.7 6.7 10.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.231 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

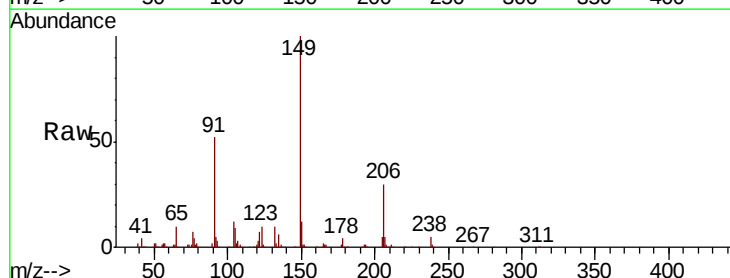
Tgt Ion:149 Resp: 216338

Ion Ratio Lower Upper

149 100

91 51.7 45.9 68.9

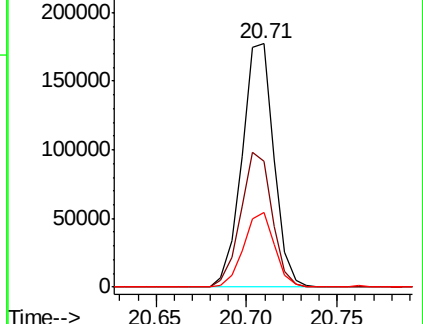
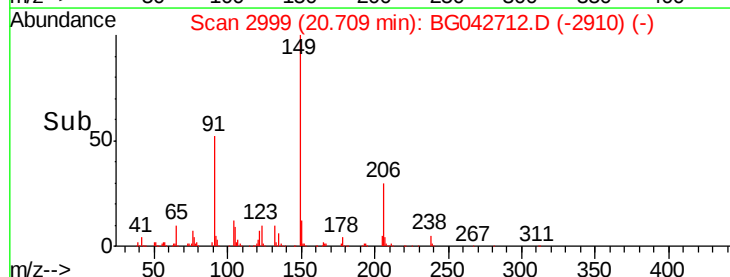
206 30.5 22.5 33.7

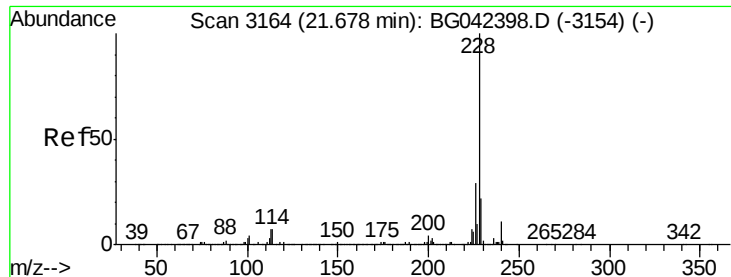


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

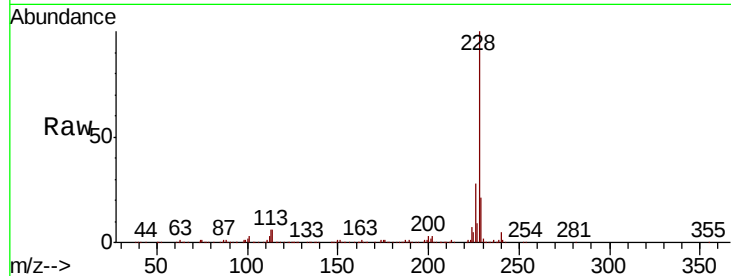




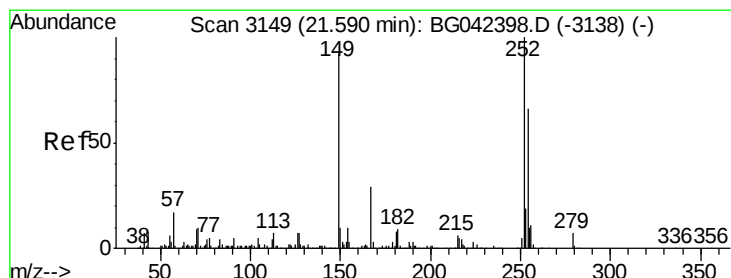
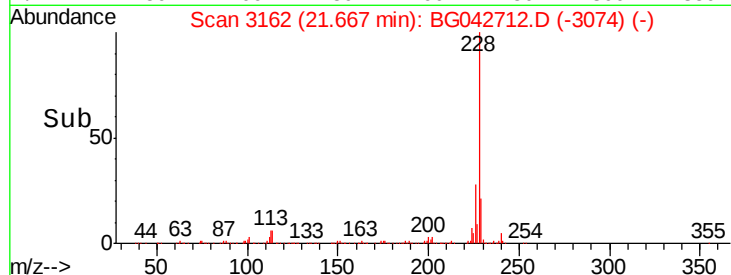
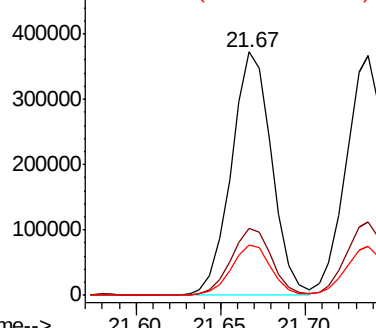
#81
Benzo(a)anthracene
Concen: 43.170 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

Instrument :
BNA_G
ClientSampleId :
PB122793BS

Tot Ion:228 Resp: 616244
Ion Ratio Lower Upper
228 100
226 27.6 23.4 35.2
229 20.9 17.4 26.2

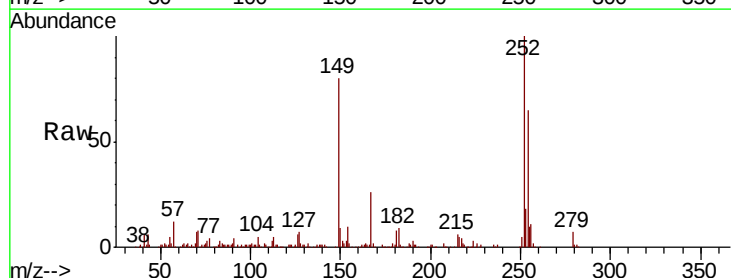


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

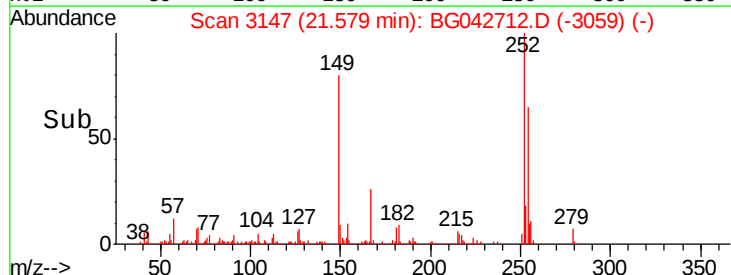
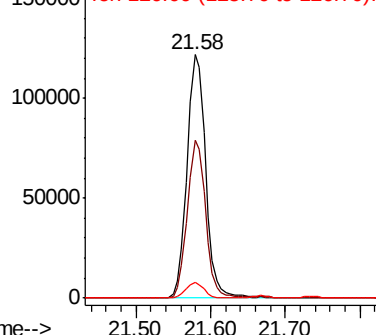


#82
3,3'-Dichlorobenzidine
Concen: 36.862 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

Tgt Ion:252 Resp: 211630
Ion Ratio Lower Upper
252 100
254 65.1 53.0 79.4
126 6.5 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

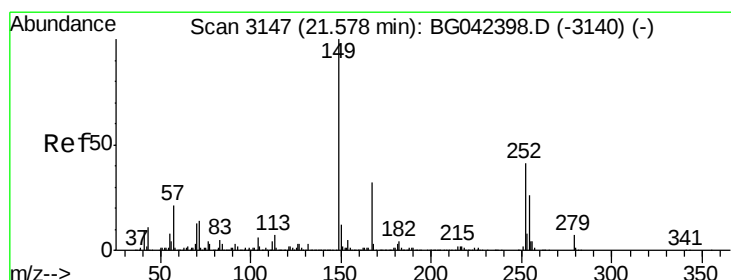
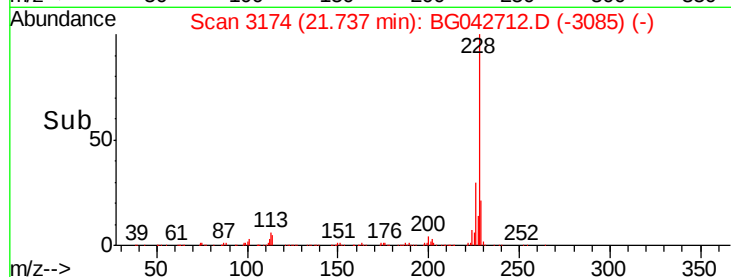
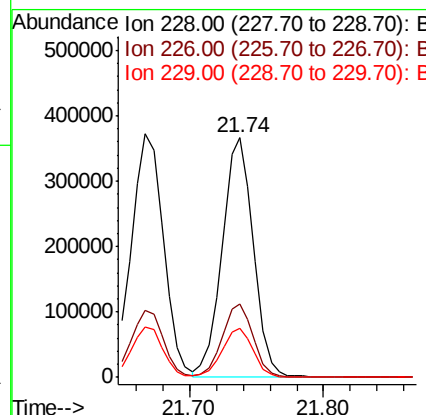
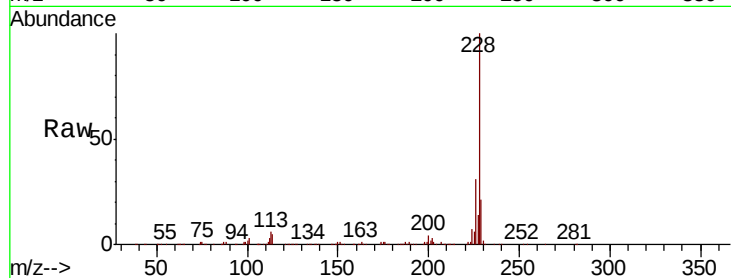




#83
 Chrysene
 Concen: 43.557 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

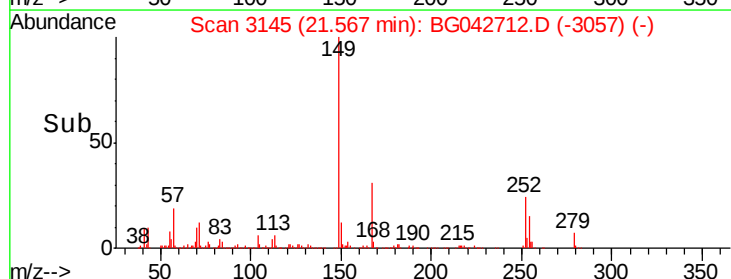
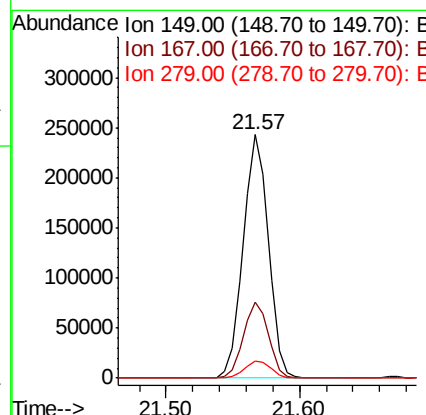
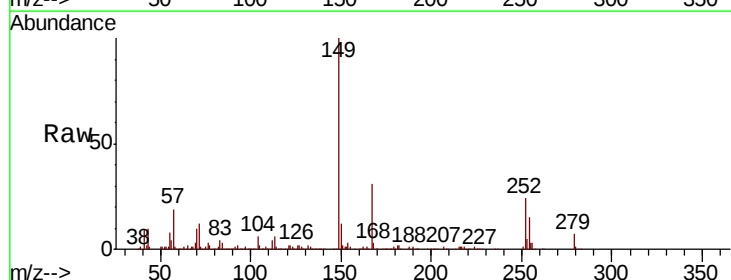
Instrument :
 BNA_G
 ClientSampleId :
 PB122793BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	20.5	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.424 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042712.D
 Acq: 4 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.0	26.0	39.0
279	7.1	5.4	8.0

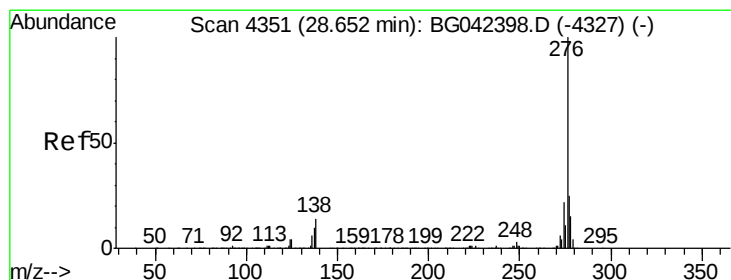
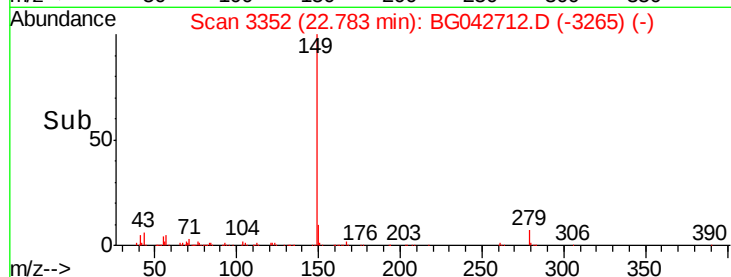
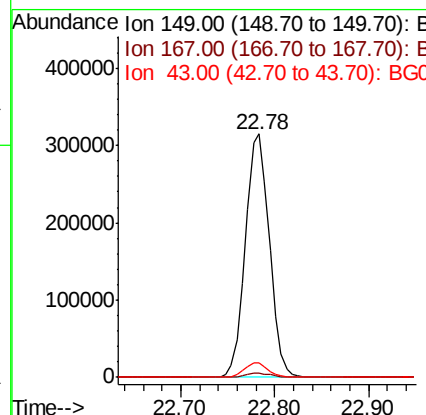
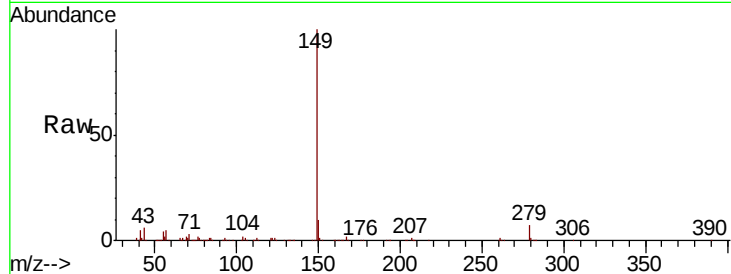




#85
Di-n-octyl phthalate
Concen: 41.033 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

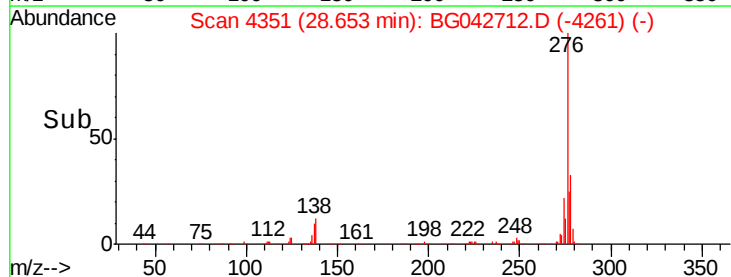
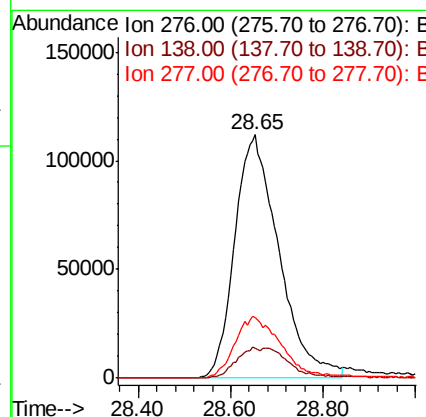
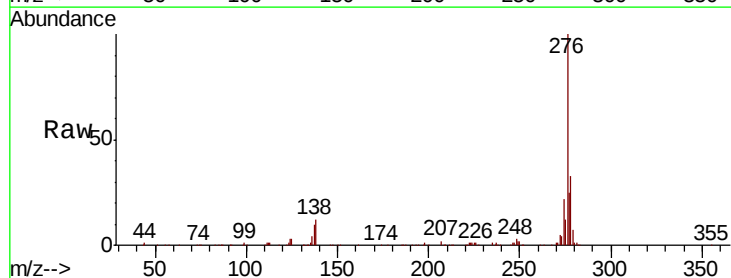
Instrument :
BNA_G
ClientSampleId :
PB122793BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.0	5.3	7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.776 ng
RT: 28.65 min Scan# 4351
Delta R.T. 0.00 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.9	9.2	13.8#
277	26.6	21.0	31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

Instrument :

BNA_G

ClientSampleId :

PB122793BS

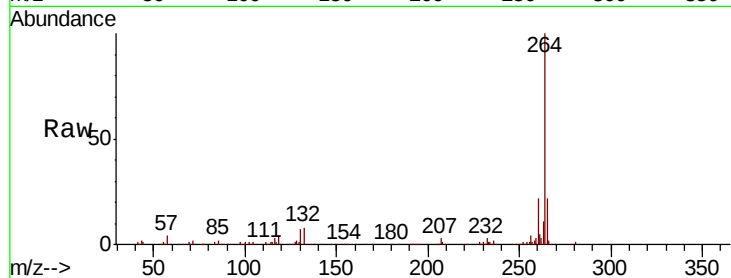
Tot Ion:264 Resp: 245905

Ion Ratio Lower Upper

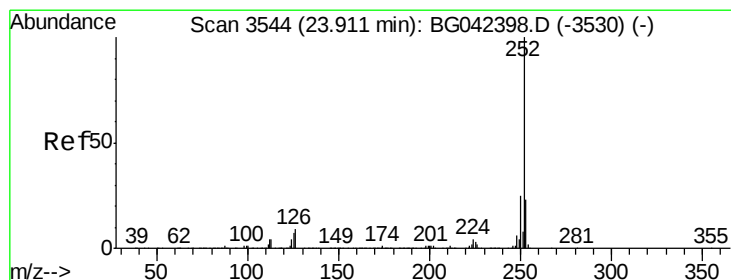
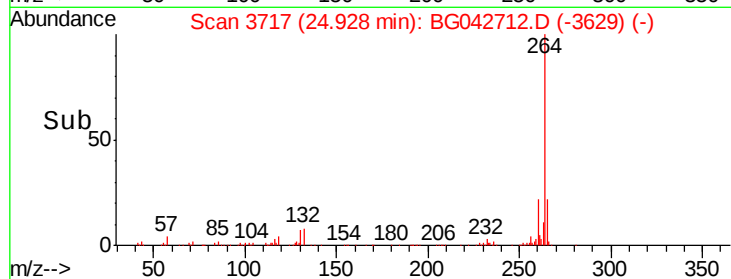
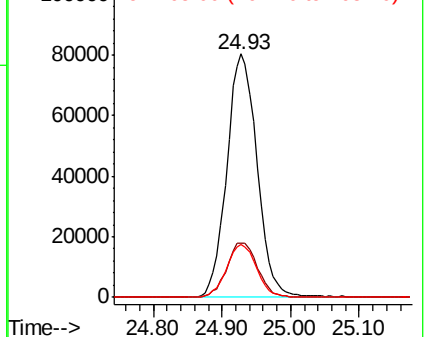
264 100

260 22.0 18.5 27.7

265 21.9 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: 49.933 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG042712.D

Acq: 4 Sep 2019 17:58

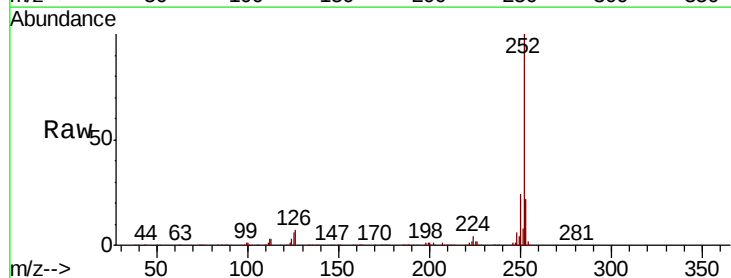
Tgt Ion:252 Resp: 675045

Ion Ratio Lower Upper

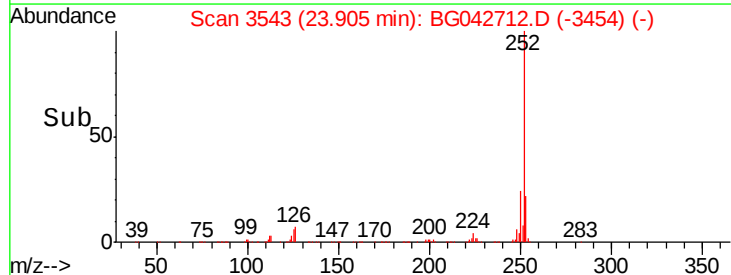
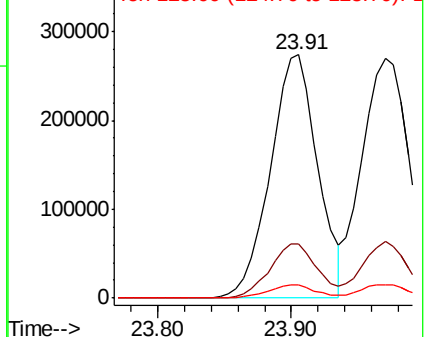
252 100

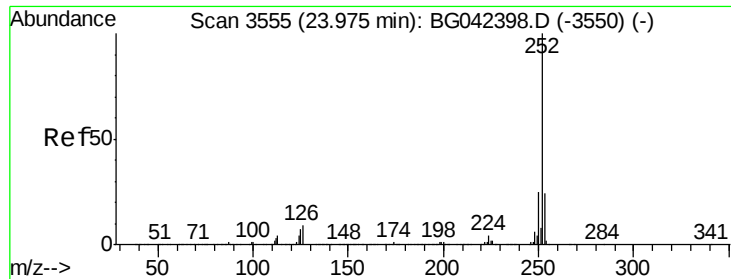
253 22.2 18.6 27.8

125 5.7 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

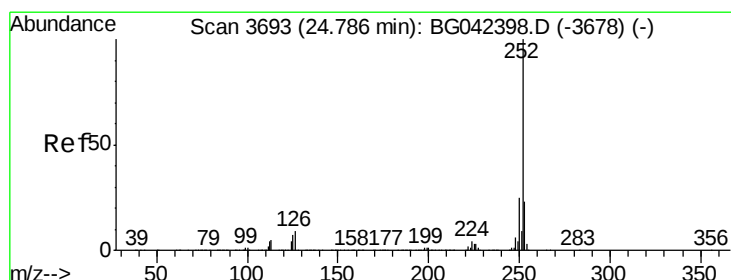
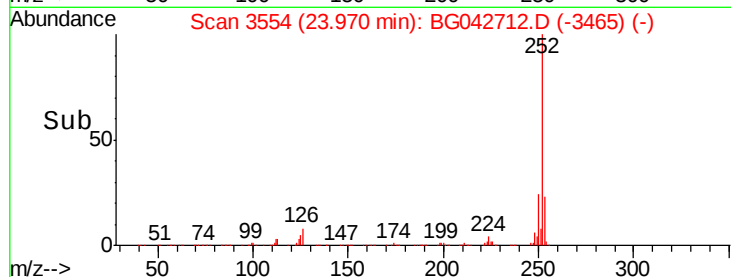
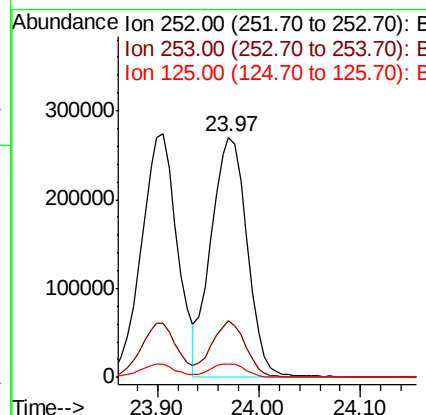
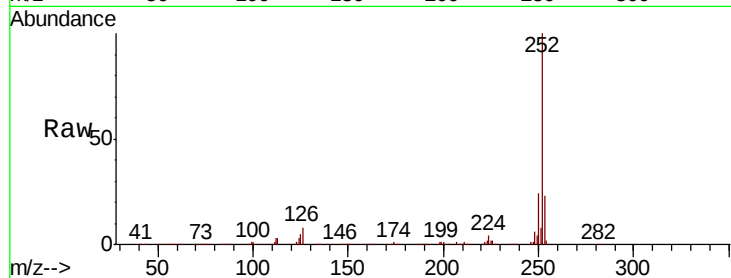




#89
Benzo(k)fluoranthene
Concen: 51.114 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

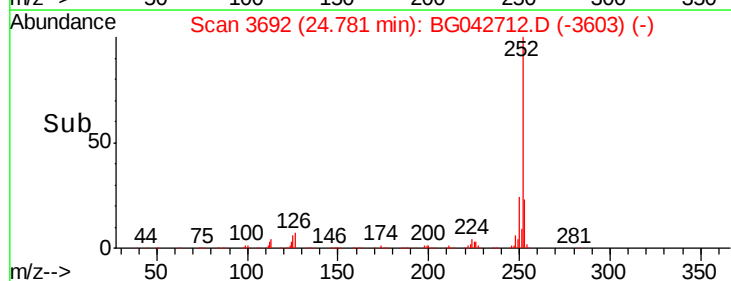
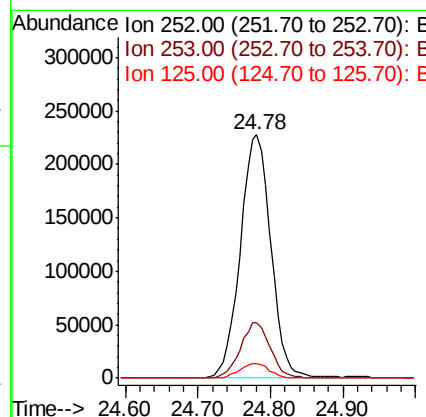
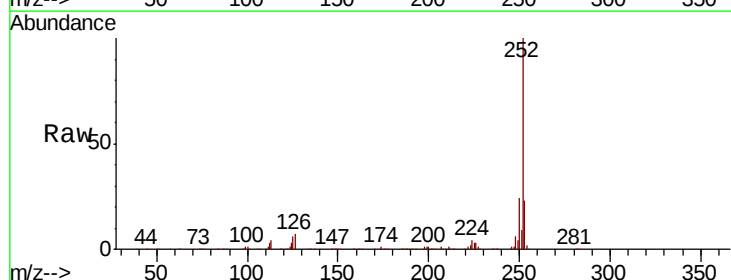
Instrument :
BNA_G
ClientSampleId :
PB122793BS

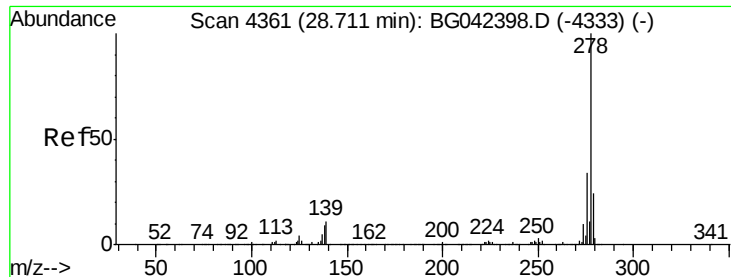
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	27.8
125	5.5	5.8	8.6#



#90
Benzo(a)pyrene
Concen: 51.899 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	6.2	6.0	9.0

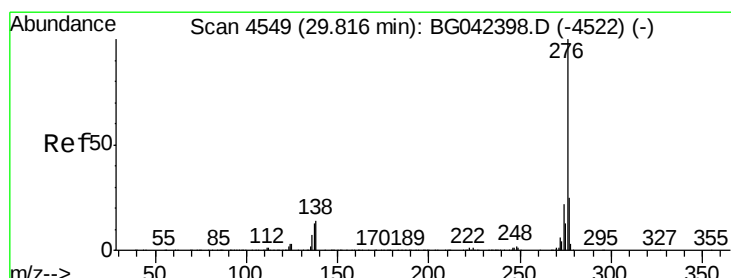
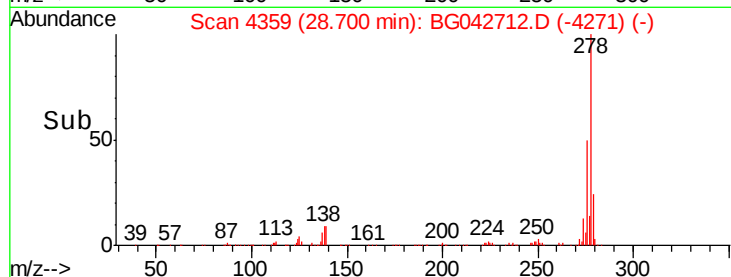
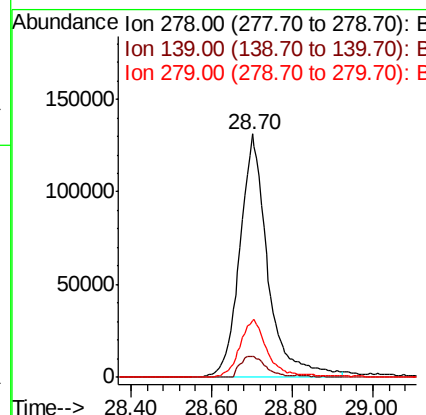
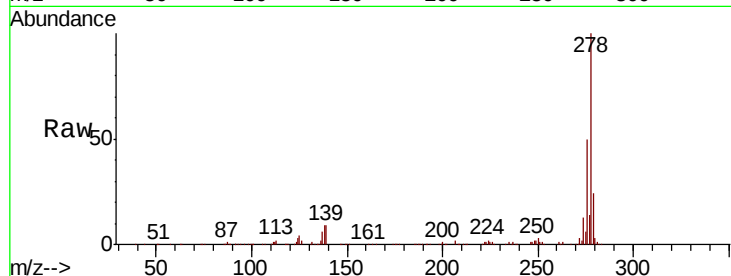




#91
Dibenzo(a,h)anthracene
Concen: 48.921 ng
RT: 28.70 min Scan# 4359
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

Instrument :
BNA_G
ClientSampleId :
PB122793BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.8	8.8	13.2
279	23.6	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 47.193 ng
RT: 29.80 min Scan# 4547
Delta R.T. -0.01 min
Lab File: BG042712.D
Acq: 4 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	13.0	11.4	17.0

