

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042536.D
 Acq On : 28 Aug 2019 17:21
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 29 05:57:39 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	34329	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	147120	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	112511	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	261546	20.00	ng	0.00
76) Chrysene-d12	21.69	240	265969	20.00	ng	0.00
87) Perylene-d12	24.93	264	325647	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	137595	81.18	ng	0.00
7) Phenol-d6	7.16	99	183879	80.31	ng	0.00
23) Nitrobenzene-d5	9.17	82	168927	79.35	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	130456	81.58	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	552772	83.09	ng	0.00
79) Terphenyl-d14	20.02	244	1038723	84.43	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	28565	40.382	ng	97
3) Pyridine	3.83	79	73360	40.445	ng	96
4) n-Nitrosodimethylamine	3.74	42	25731	39.718	ng	99
6) Aniline	7.32	93	119271	39.057	ng	98
8) 2-Chlorophenol	7.56	128	83678	40.734	ng	99
9) Benzaldehyde	7.13	77	44883	39.156	ng	93
10) Phenol	7.19	94	92748	39.842	ng	95
11) bis(2-Chloroethyl)ether	7.41	93	71550	39.136	ng	97
12) 1,3-Dichlorobenzene	7.89	146	107344	41.077	ng	99
13) 1,4-Dichlorobenzene	8.03	146	106112	40.087	ng	97
14) 1,2-Dichlorobenzene	8.36	146	102389	40.391	ng	98
15) Benzyl Alcohol	8.24	79	67002	40.676	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.53	45	95939	38.716	ng	98
17) 2-Methylphenol	8.45	107	69397	40.473	ng	96
18) Hexachloroethane	9.09	117	36684	40.482	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	59894	40.378	ng	94
20) 3+4-Methylphenols	8.78	107	92987	39.192	ng	98
22) Acetophenone	8.83	105	126645	40.248	ng	# 96
24) Nitrobenzene	9.21	77	85141	39.493	ng	99
25) Isophorone	9.74	82	164362	39.119	ng	99
26) 2-Nitrophenol	9.93	139	53444	39.558	ng	96
27) 2,4-Dimethylphenol	9.99	122	72660	39.043	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	104704	39.538	ng	99
29) 2,4-Dichlorophenol	10.47	162	98385	40.406	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	120846	40.435	ng	98
31) Naphthalene	10.87	128	271828	39.797	ng	99
32) Benzoic acid	10.14	122	43139	34.673	ng	92
33) 4-Chloroaniline	10.98	127	125058	39.662	ng	98
34) Hexachlorobutadiene	11.16	225	83180	41.412	ng	99
35) Caprolactam	11.76	113	31160	38.352	ng	97
36) 4-Chloro-3-methylphenol	12.12	107	93735	40.553	ng	98
37) 2-Methylnaphthalene	12.48	142	222130	40.501	ng	100
38) 1-Methylnaphthalene	12.70	142	211351	40.570	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	146587	40.571	ng	99

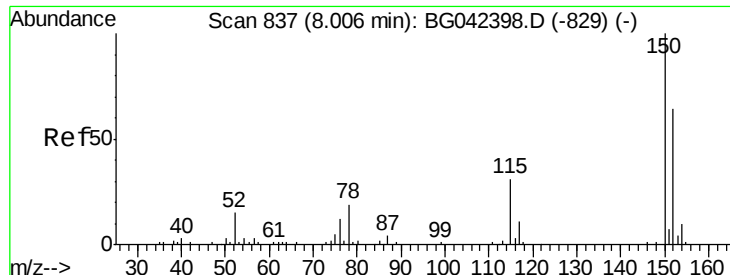
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	71991	37.931	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	96324	39.441	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	99828	39.444	ng	97
46) 1,1'-Biphenyl	13.49	154	291206	40.040	ng	98
47) 2-Chloronaphthalene	13.53	162	249511	39.788	ng	100
48) 2-Nitroaniline	13.73	65	58273	38.535	ng	96
49) Acenaphthylene	14.38	152	380973	40.380	ng	99
50) Dimethylphthalate	14.11	163	330242	40.680	ng	99
51) 2,6-Dinitrotoluene	14.23	165	76704	40.763	ng	95
52) Acenaphthene	14.72	154	227975	39.794	ng	98
53) 3-Nitroaniline	14.57	138	72502	38.526	ng	97
54) 2,4-Dinitrophenol	14.78	184	38503	34.240	ng	94
55) Dibenzofuran	15.06	168	386950	40.805	ng	99
56) 4-Nitrophenol	14.88	139	50866	38.039	ng	96
57) 2,4-Dinitrotoluene	15.02	165	109176	40.517	ng	98
58) Fluorene	15.71	166	314351	40.552	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	101298	40.474	ng	# 94
60) Diethylphthalate	15.47	149	321737	40.542	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	190705	40.811	ng	99
62) 4-Nitroaniline	15.73	138	80252	39.845	ng	98
63) Azobenzene	15.99	77	213179	39.203	ng	96
65) 4,6-Dinitro-2-methylphenol	15.79	198	64353	39.245	ng	99
66) n-Nitrosodiphenylamine	15.91	169	287173	39.926	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	133373	40.202	ng	99
68) Hexachlorobenzene	16.72	284	144171	39.976	ng	97
69) Atrazine	16.86	200	92460	36.351	ng	98
70) Pentachlorophenol	17.07	266	71494	38.154	ng	95
71) Phenanthrene	17.46	178	537525	41.375	ng	100
72) Anthracene	17.54	178	538584	41.528	ng	99
73) Carbazole	17.81	167	474821	41.079	ng	98
74) Di-n-butylphthalate	18.37	149	569994	41.716	ng	99
75) Fluoranthene	19.47	202	686719	43.312	ng	98
77) Benzidine	19.64	184	279497	36.653	ng	99
78) Pyrene	19.83	202	689794	42.302	ng	98
80) Butylbenzylphthalate	20.71	149	260763	40.657	ng	100
81) Benzo(a)anthracene	21.67	228	678763	41.952	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	258880	39.784	ng	99
83) Chrysene	21.73	228	644954	41.334	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	360338	40.465	ng	98
85) Di-n-octyl phthalate	22.79	149	627247	40.954	ng	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	852022	40.180	ng	98
88) Benzo(b)fluoranthene	23.90	252	726000	40.552	ng	99
89) Benzo(k)fluoranthene	23.97	252	724650	42.110	ng	98
90) Benzo(a)pyrene	24.78	252	698360	41.108	ng	99
91) Dibenzo(a,h)anthracene	28.70	278	692875	40.282	ng	99
92) Benzo(g,h,i)perylene	29.79	276	691927	40.220	ng	97

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

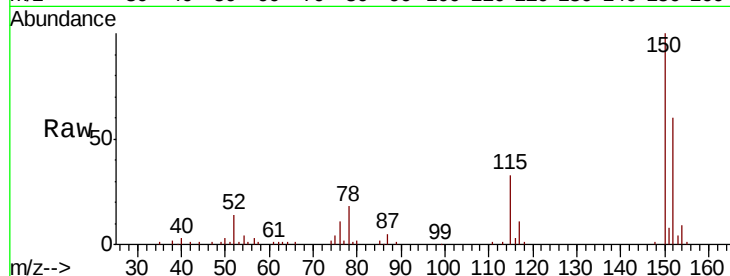


#1

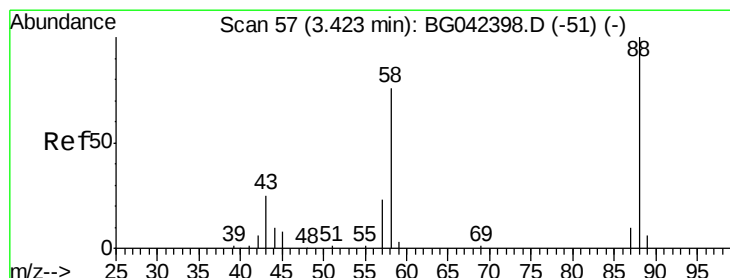
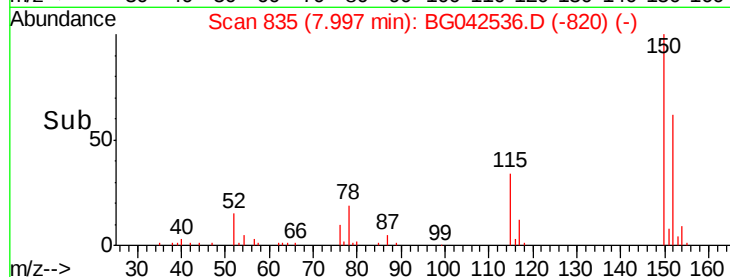
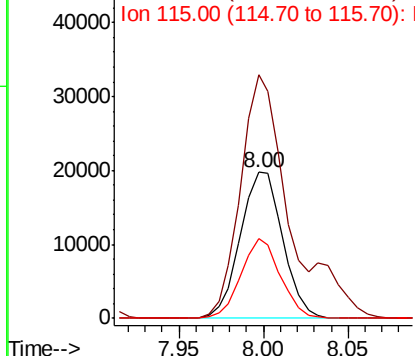
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 34329
Ion Ratio Lower Upper
152 100
150 167.0 125.4 188.0
115 54.8 38.5 57.7



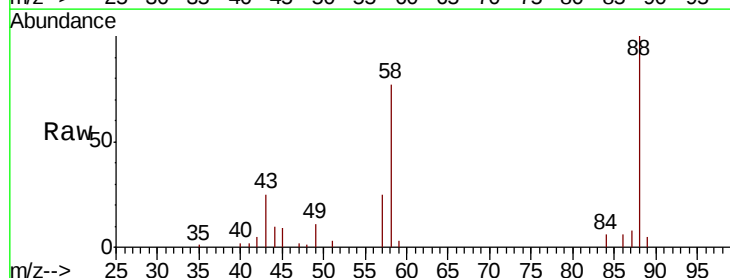
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



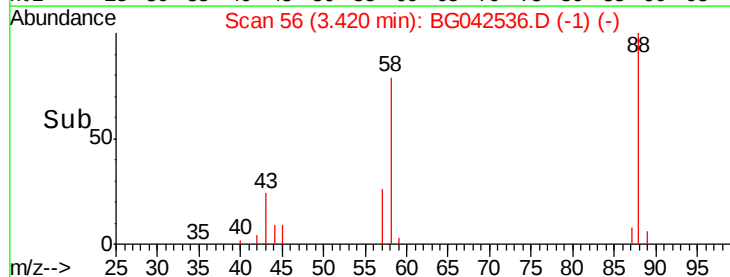
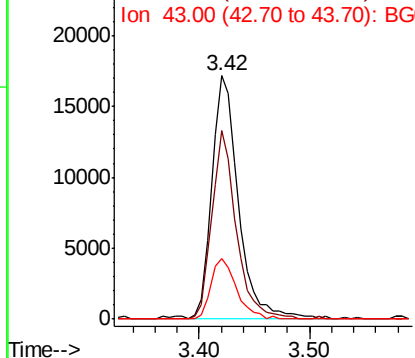
#2

1,4-Dioxane
Concen: 40.382 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.00 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

Tgt Ion: 88 Resp: 28565
Ion Ratio Lower Upper
88 100
58 70.7 58.3 87.5
43 23.7 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: 40.445 ng

RT: 3.83 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Instrument :

BNA_G

ClientSampleId :

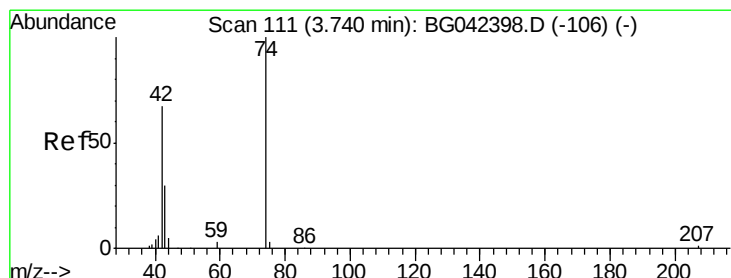
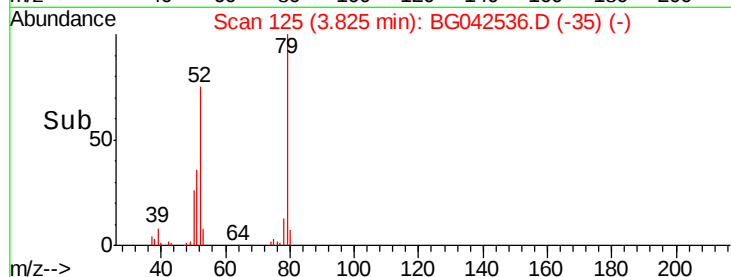
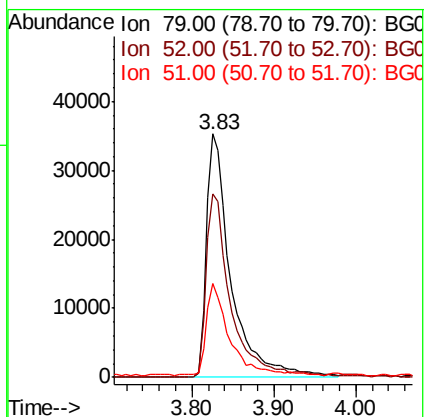
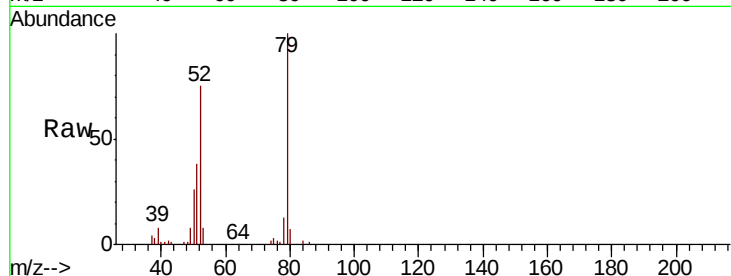
Tot Ion: 79 Resp: 73360

Ion Ratio Lower Upper

79 100

52 75.1 57.7 86.5

51 38.4 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 39.718 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

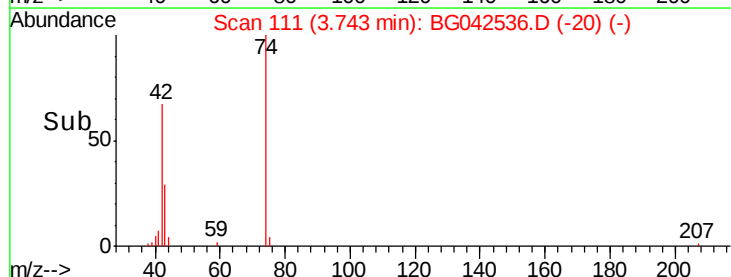
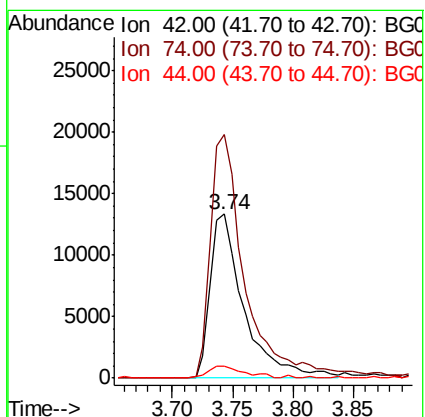
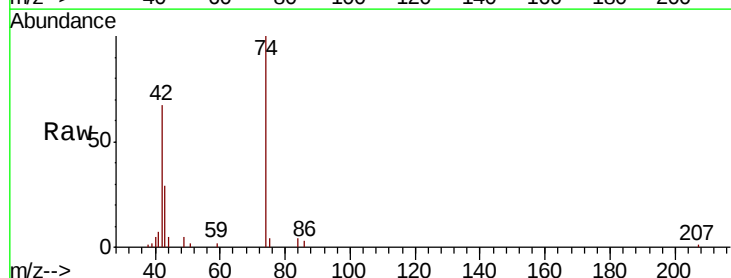
Tgt Ion: 42 Resp: 25731

Ion Ratio Lower Upper

42 100

74 148.7 119.6 179.4

44 7.5 6.5 9.7





#5

2-Fluorophenol

Concen: 81.176 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Instrument :

BNA_G

ClientSampled :

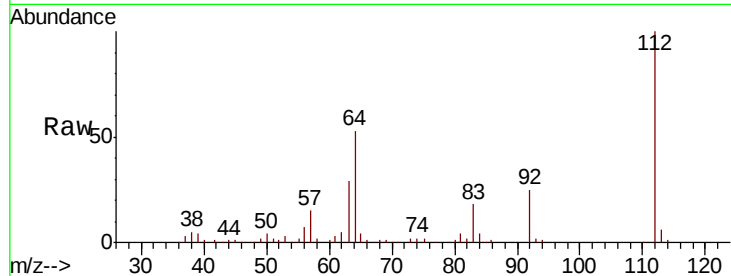
Tot Ion:112 Resp: 137595

Ion Ratio Lower Upper

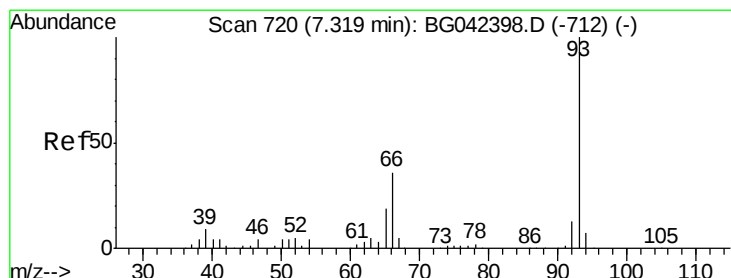
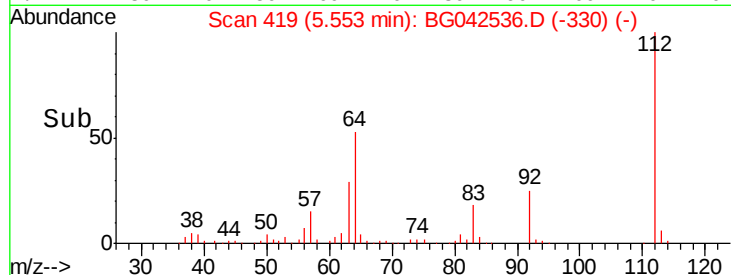
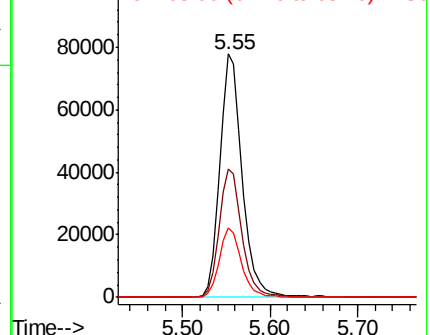
112 100

64 52.8 42.8 64.2

63 28.7 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: 39.057 ng

RT: 7.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

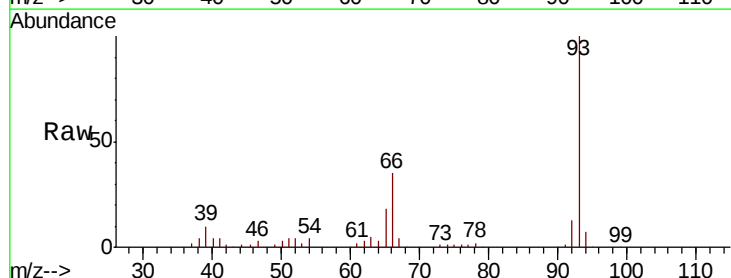
Tgt Ion: 93 Resp: 119271

Ion Ratio Lower Upper

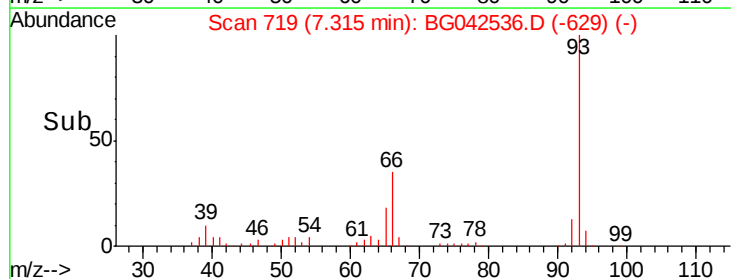
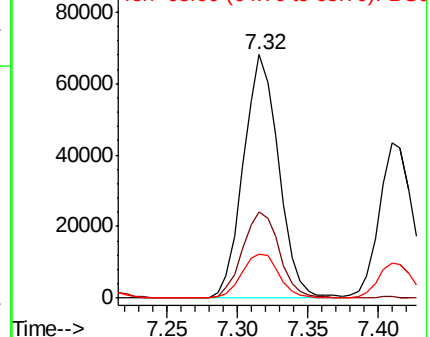
93 100

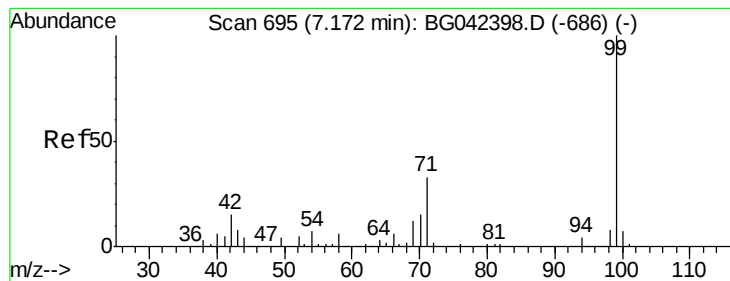
66 35.4 29.0 43.6

65 18.2 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: 80.311 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Instrument :

BNA_G

ClientSampleId :

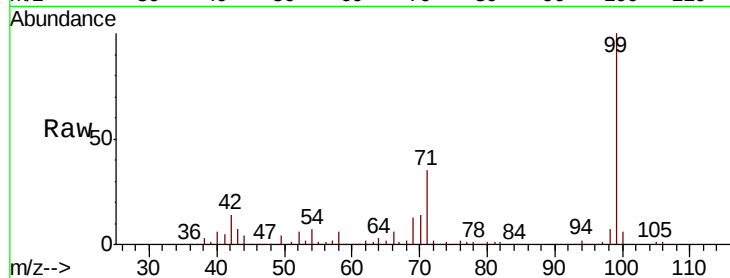
Tot Ion: 99 Resp: 183879

Ion Ratio Lower Upper

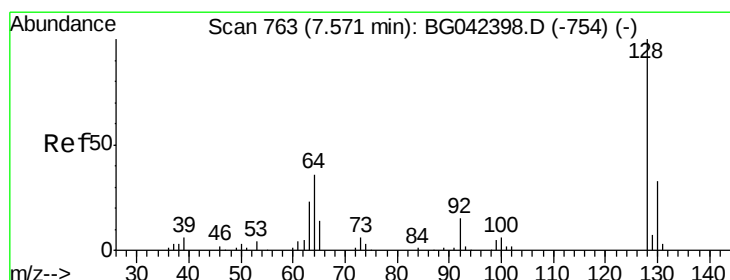
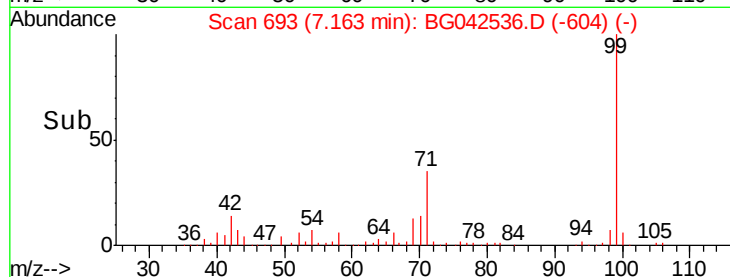
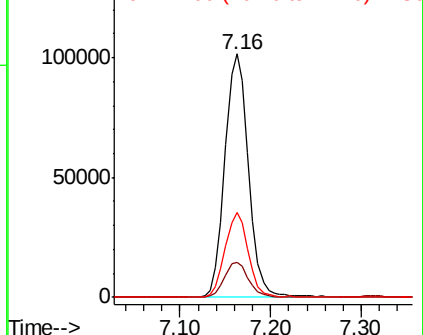
99 100

42 14.1 12.0 18.0

71 34.7 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: 40.734 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

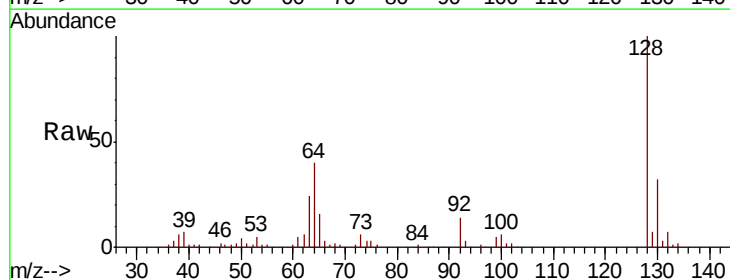
Tgt Ion: 128 Resp: 83678

Ion Ratio Lower Upper

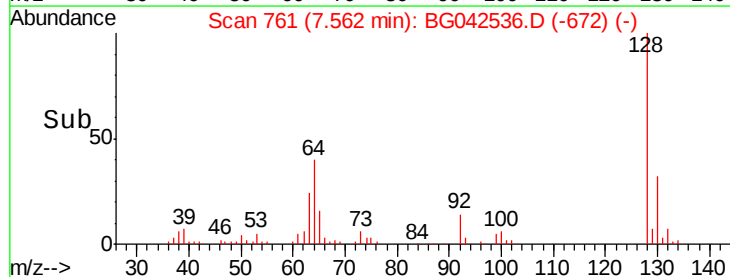
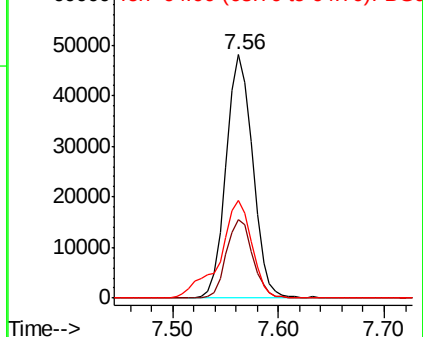
128 100

130 32.1 12.8 52.8

64 40.2 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: 39.156 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Instrument :

BNA_G

ClientSampleId :

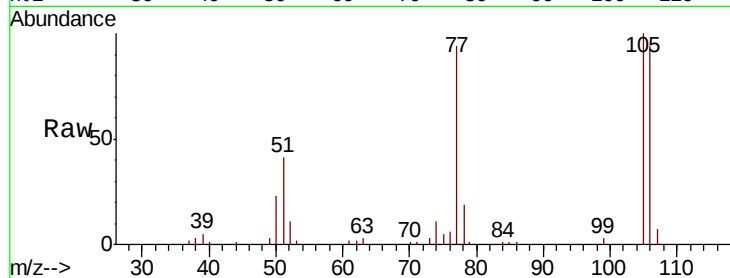
Tot Ion: 77 Resp: 44883

Ion Ratio Lower Upper

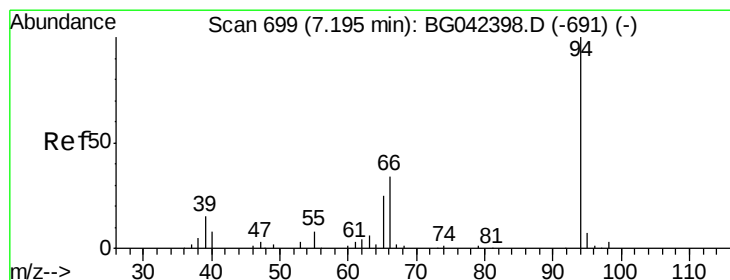
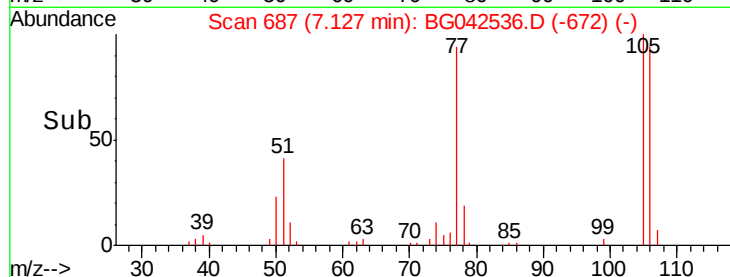
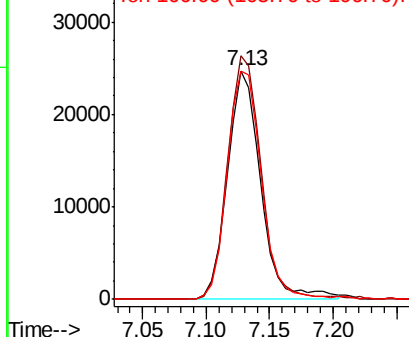
77 100

105 106.6 93.4 133.4

106 100.1 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: 39.842 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

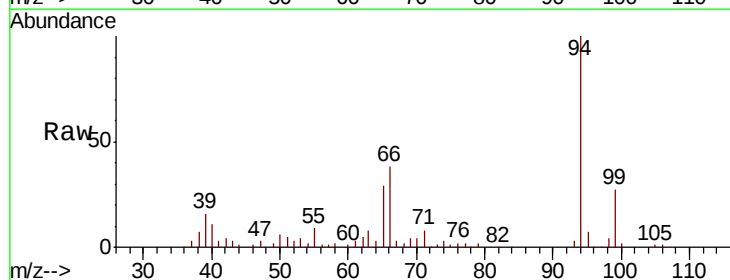
Tgt Ion: 94 Resp: 92748

Ion Ratio Lower Upper

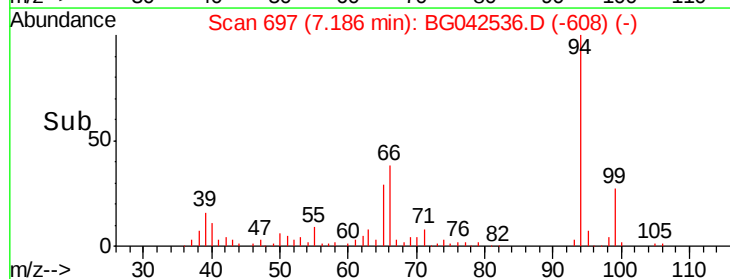
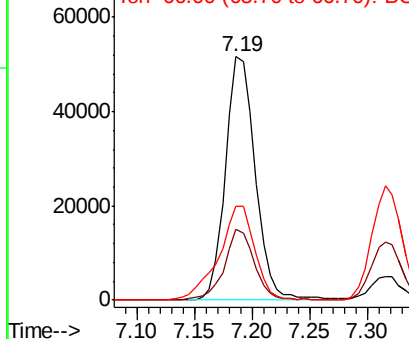
94 100

65 28.9 5.6 45.6

66 38.4 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: 39.136 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Instrument :

BNA_G

ClientSampled :

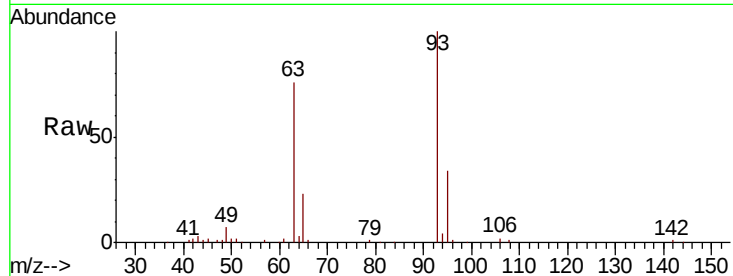
Tot Ion: 93 Resp: 71550

Ion Ratio Lower Upper

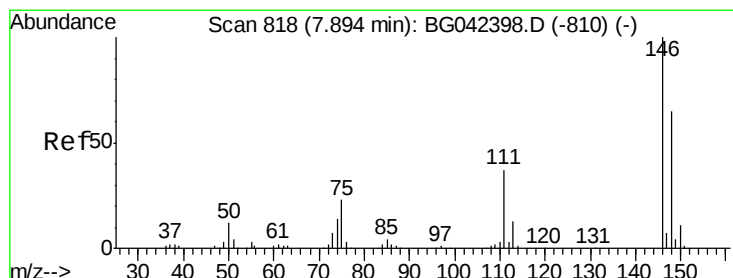
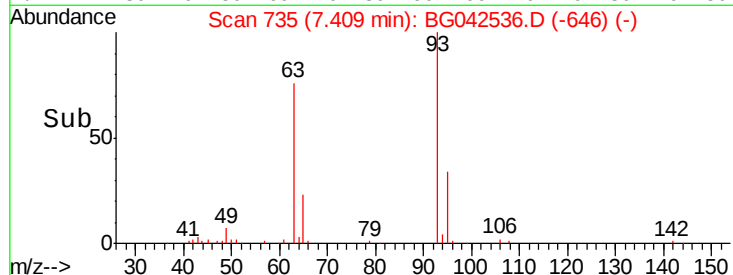
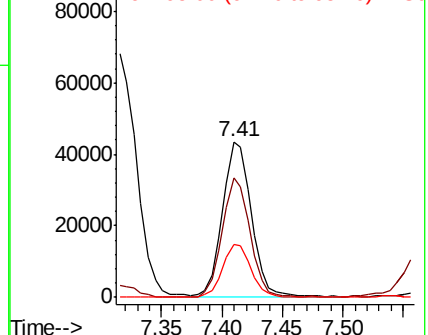
93 100

63 76.5 53.8 93.8

95 33.9 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 41.077 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

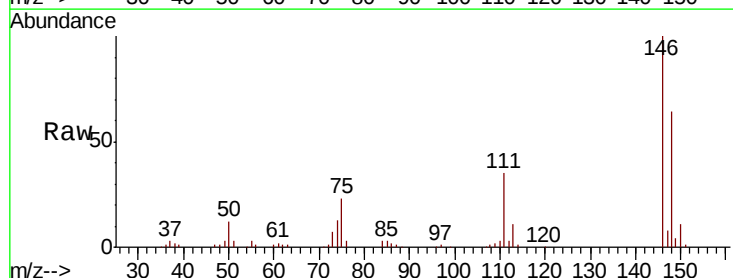
Tgt Ion: 146 Resp: 107344

Ion Ratio Lower Upper

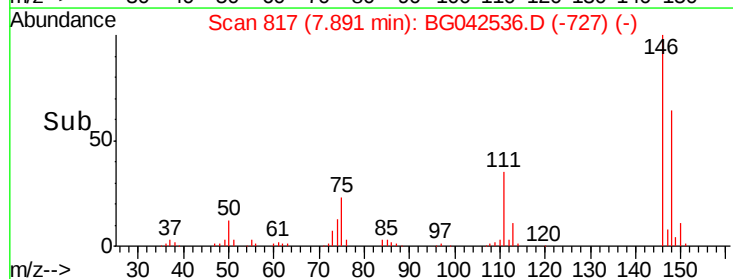
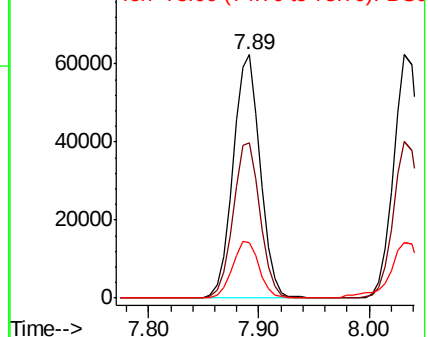
146 100

148 63.8 52.2 78.2

75 22.6 18.0 27.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

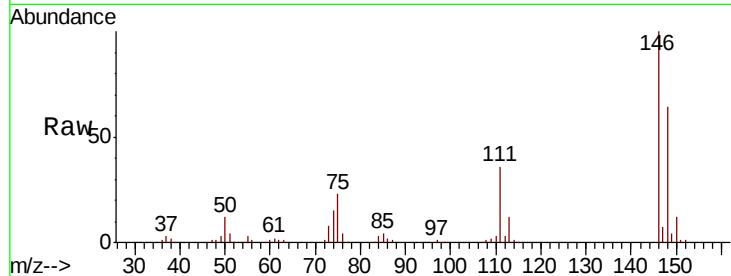




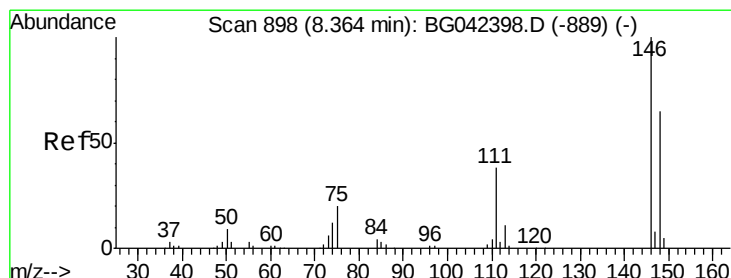
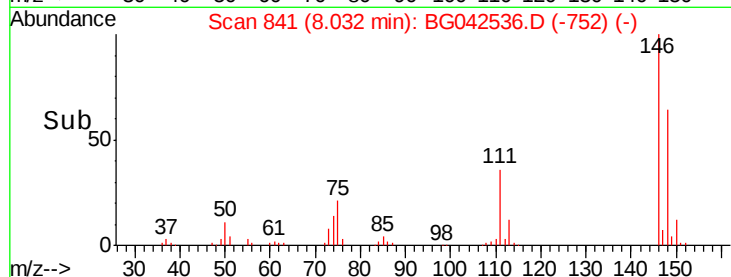
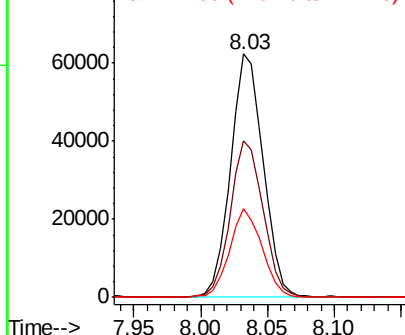
#13
 1,4-Dichlorobenzene
 Concen: 40.087 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 106112
 Ion Ratio Lower Upper
 146 100
 148 64.1 49.5 74.3
 111 36.3 28.1 42.1

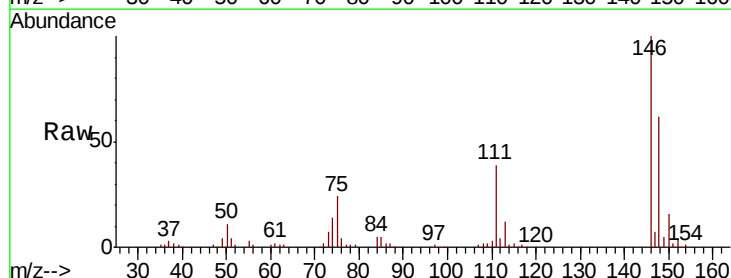


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

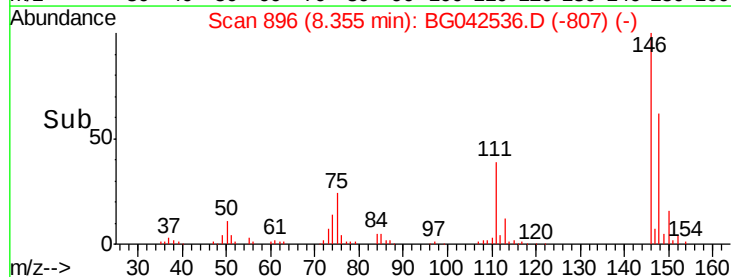
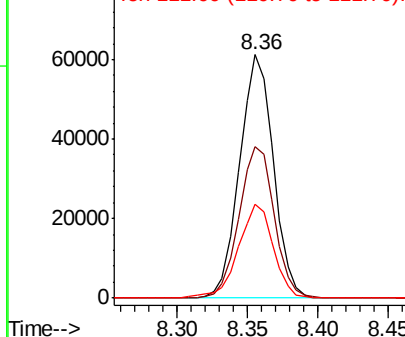


#14
 1,2-Dichlorobenzene
 Concen: 40.391 ng
 RT: 8.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Tgt Ion:146 Resp: 102389
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.8 77.6
 111 38.7 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: 40.676 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Instrument :

BNA_G

ClientSampled :

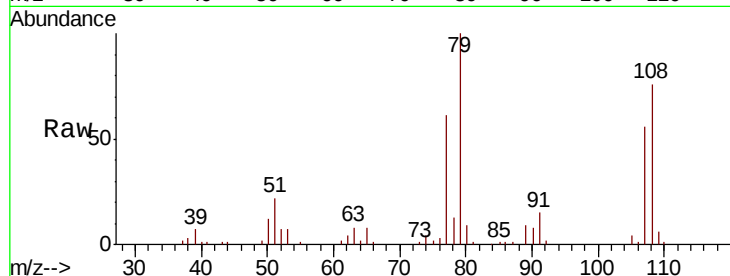
Tot Ion: 79 Resp: 67002

Ion Ratio Lower Upper

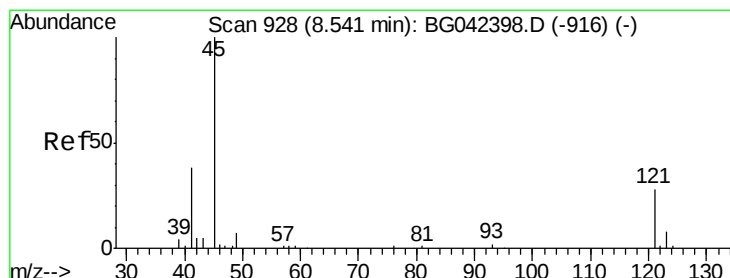
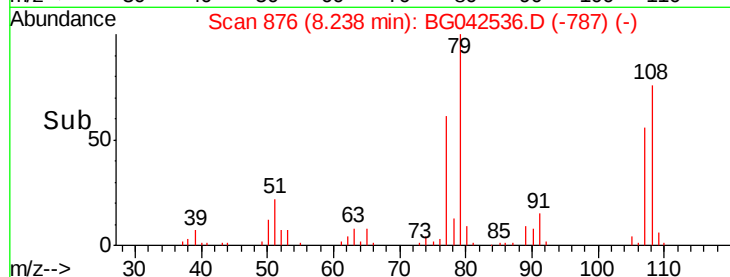
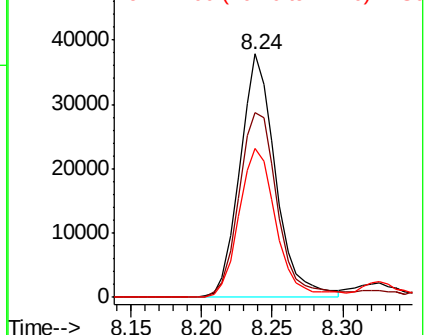
79 100

108 75.9 67.4 101.2

77 61.4 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: 38.716 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

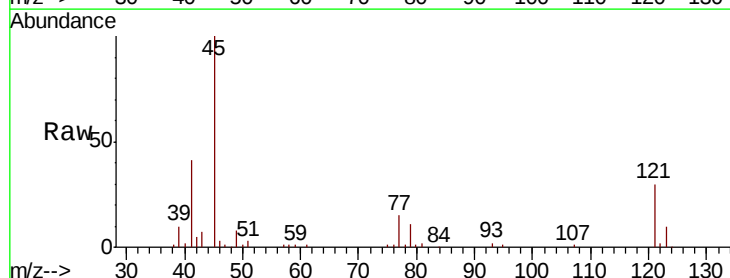
Tgt Ion: 45 Resp: 95939

Ion Ratio Lower Upper

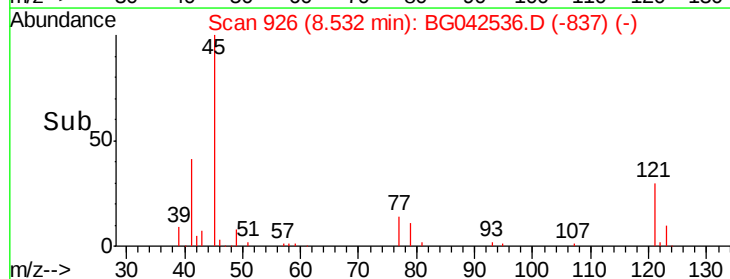
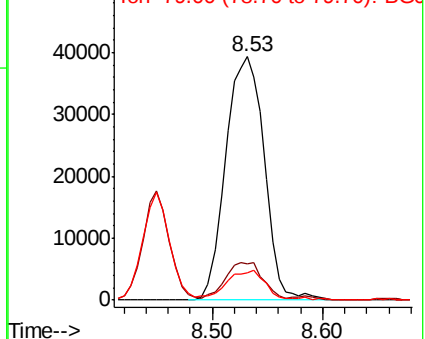
45 100

77 14.7 0.0 35.6

79 11.2 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

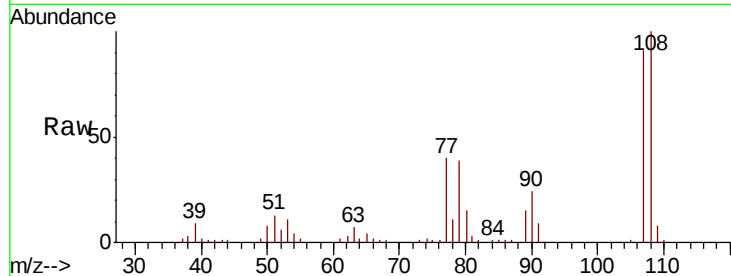




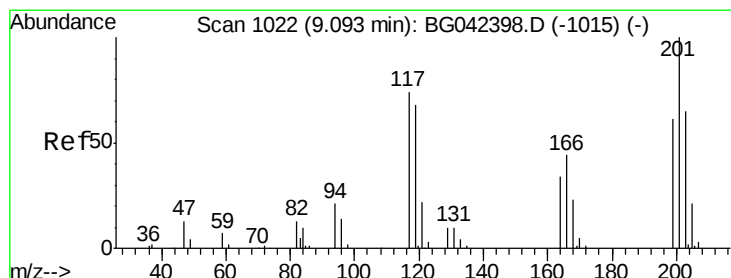
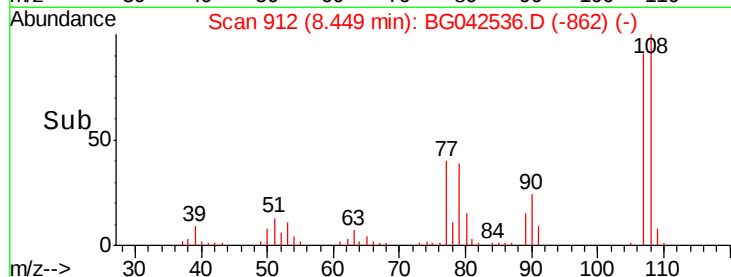
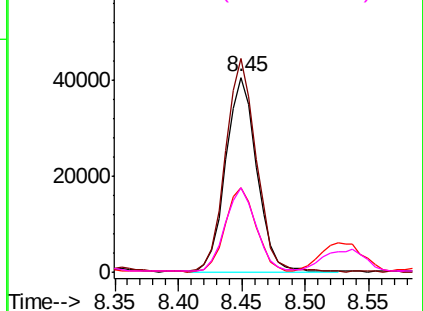
#17
2-Methylphenol
Concen: 40.473 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	69397
Ion	Ratio	Lower	Upper
107	100		
108	109.6	92.9	139.3
77	43.5	34.4	51.6
79	43.2	33.8	50.6

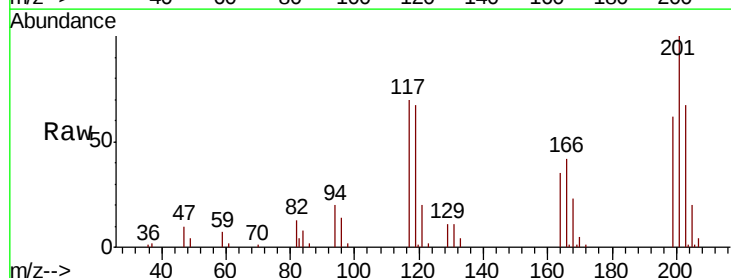


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

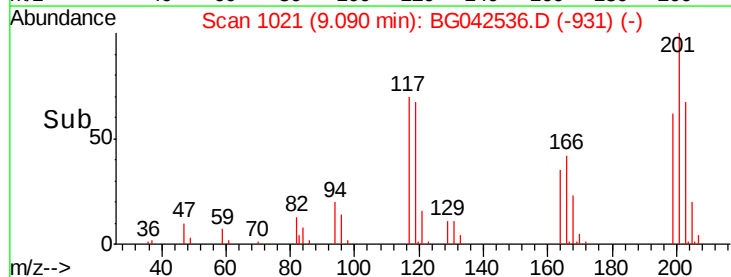
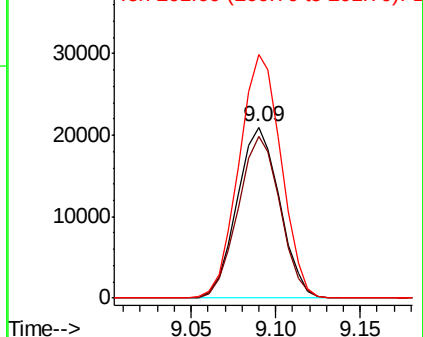


#18
Hexachloroethane
Concen: 40.482 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

Tgt Ion:	117	Resp:	36684
Ion	Ratio	Lower	Upper
117	100		
119	94.8	73.8	110.8
201	142.5	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

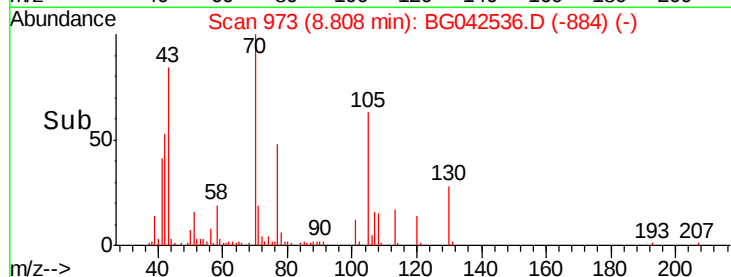
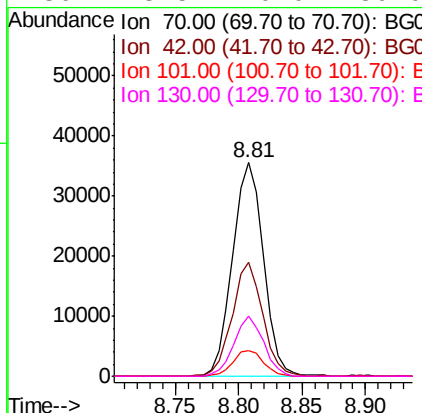
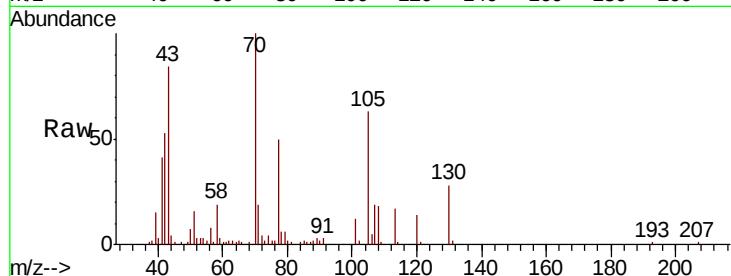




#19
n-Nitroso-di-n-propylamine
Concen: 40.378 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

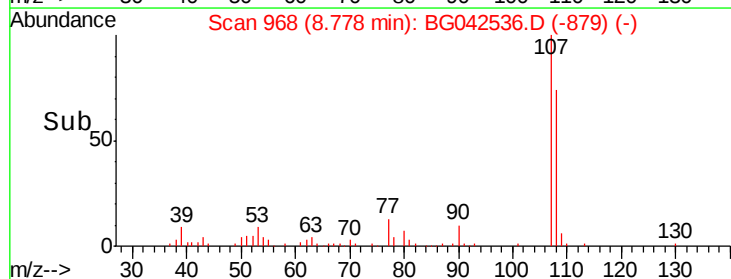
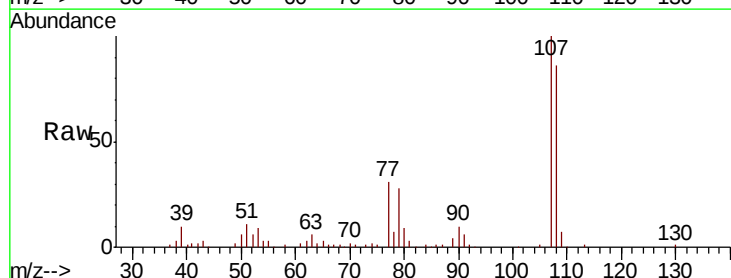
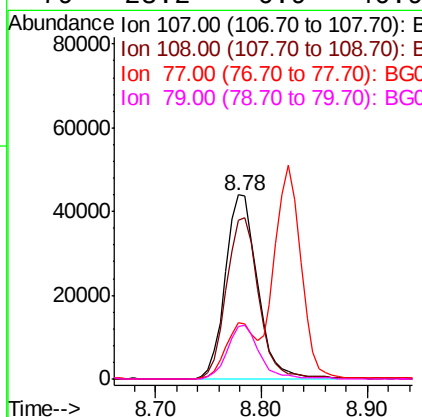
Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	59894
Ion	Ratio	Lower	Upper
70	100		
42	53.1	38.8	58.2
101	11.9	9.0	13.6
130	28.5	20.0	30.0



#20
3+4-Methylphenols
Concen: 39.192 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

Tgt Ion:	107	Resp:	92987
Ion	Ratio	Lower	Upper
107	100		
108	86.4	68.7	108.7
77	30.9	10.2	50.2
79	28.2	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 147120

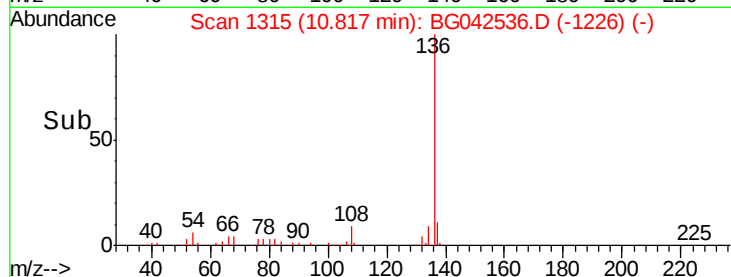
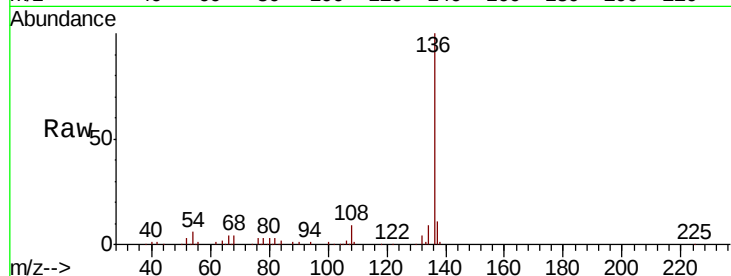
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 5.9 4.9 7.3

68 3.5 3.6 5.4#



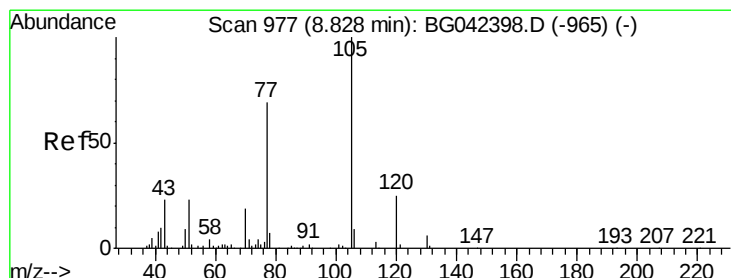
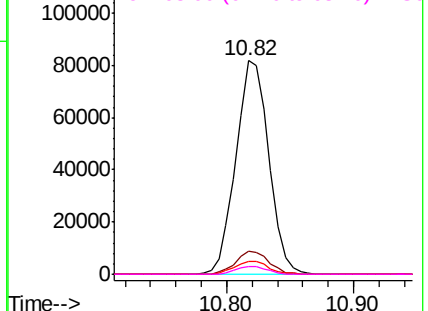
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.248 ng

RT: 8.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Tgt Ion:105 Resp: 126645

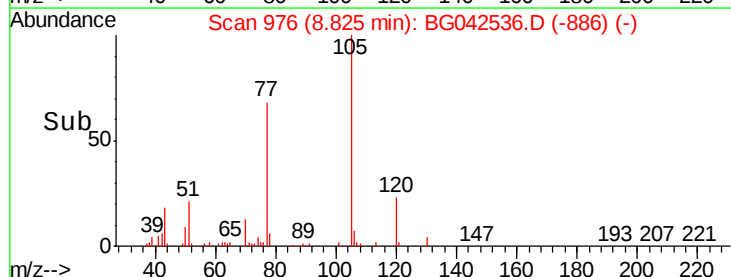
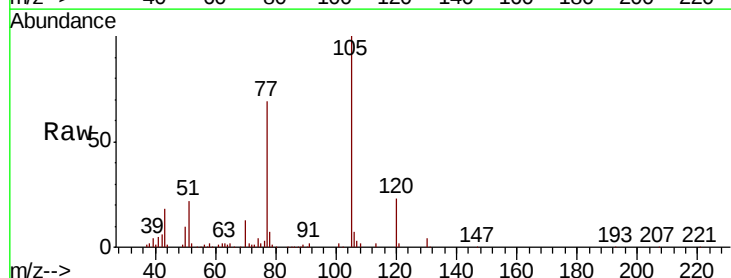
Ion Ratio Lower Upper

105 100

71 2.3 2.8 4.2#

51 21.8 18.7 28.1

120 22.8 20.1 30.1



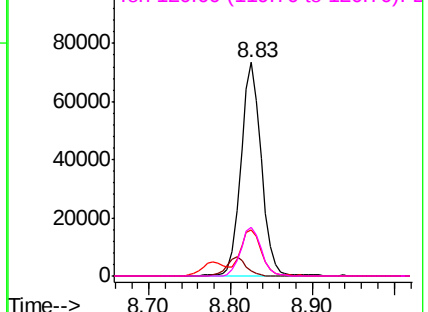
Abundance

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

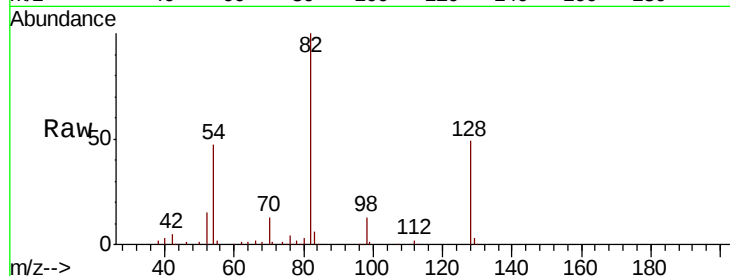




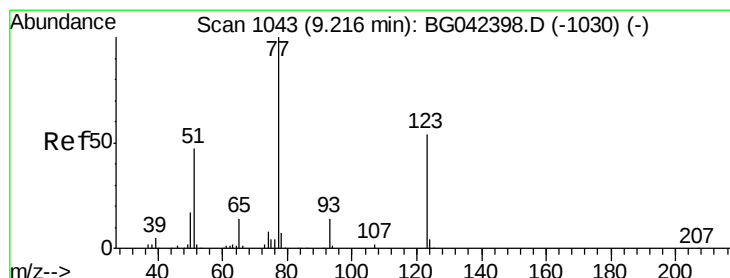
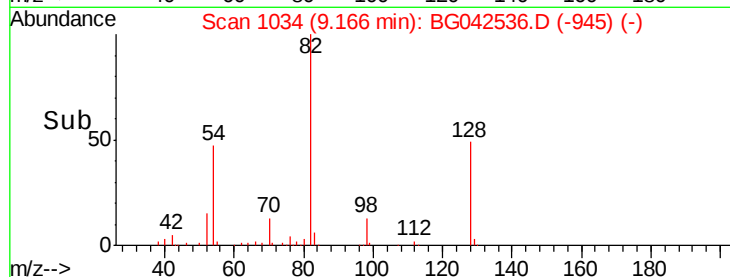
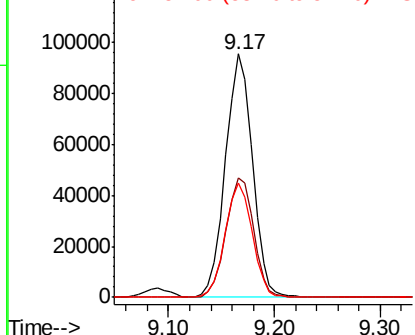
#23
Nitrobenzene-d5
Concen: 79.347 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	168927
Ion Ratio	Lower	Upper	
82	100		
128	48.9	40.7	61.1
54	46.9	36.3	54.5

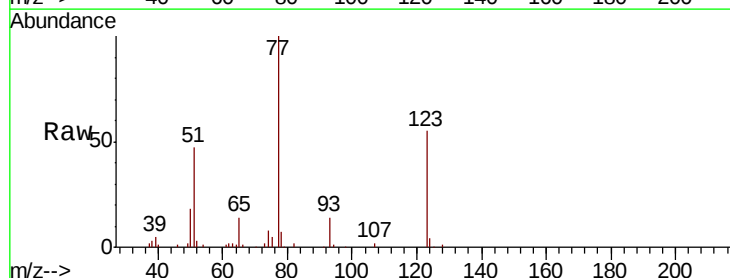


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

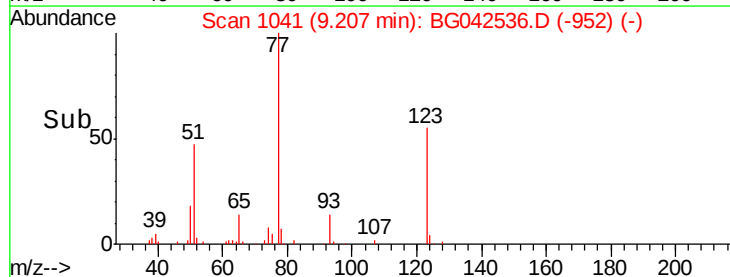
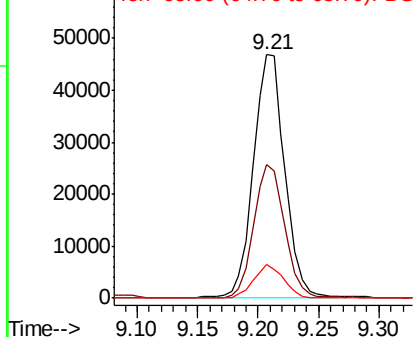


#24
Nitrobenzene
Concen: 39.493 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

Tgt Ion	77	Resp	85141
Ion Ratio	Lower	Upper	
77	100		
123	55.1	43.4	65.0
65	13.7	11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 39.119 ng

RT: 9.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Instrument :

BNA_G

ClientSampleId :

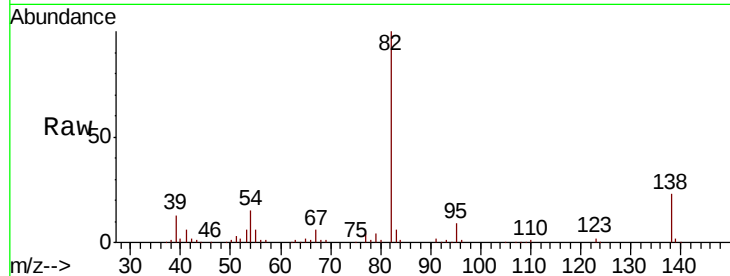
Tot Ion: 82 Resp: 164362

Ion Ratio Lower Upper

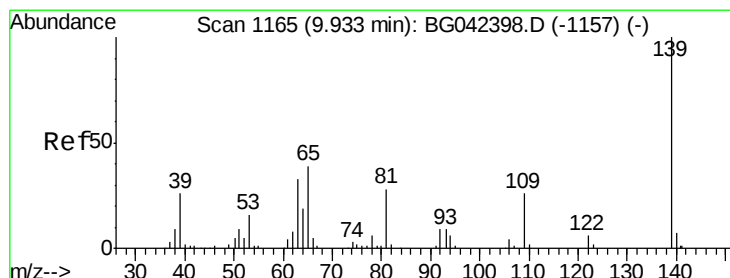
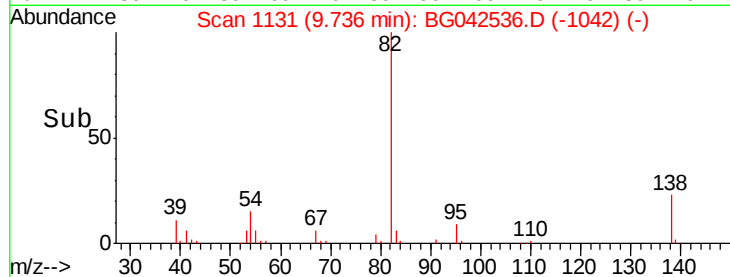
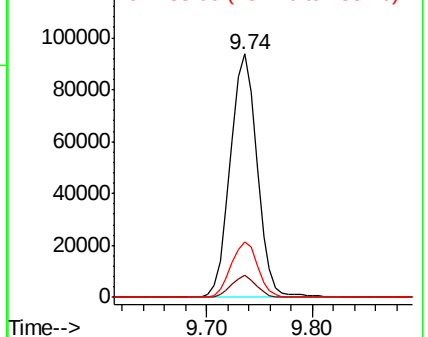
82 100

95 8.9 6.6 9.8

138 22.9 18.6 27.8



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



#26

2-Nitrophenol

Concen: 39.558 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

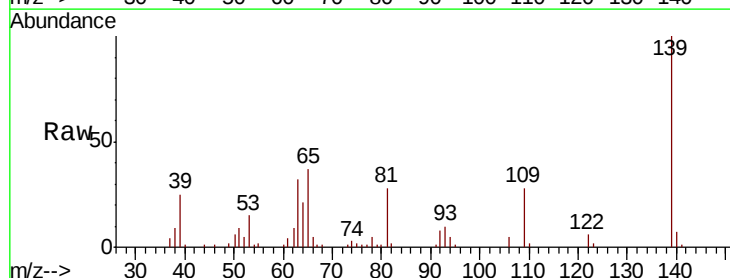
Tgt Ion: 139 Resp: 53444

Ion Ratio Lower Upper

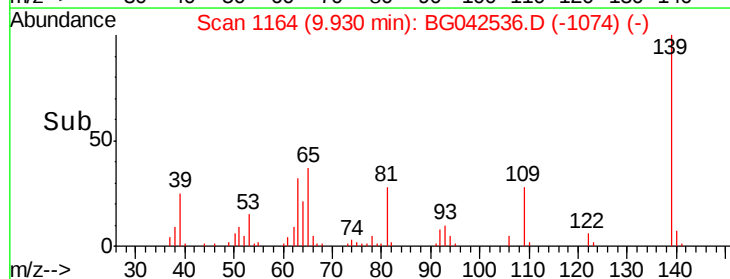
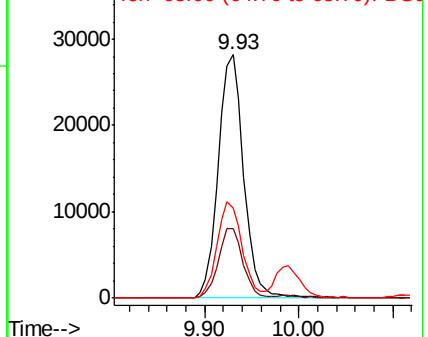
139 100

109 28.5 20.5 30.7

65 37.0 30.9 46.3



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

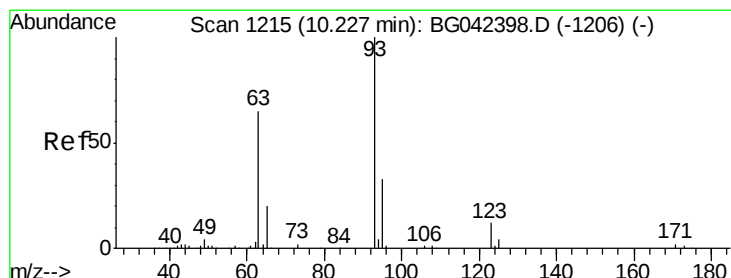
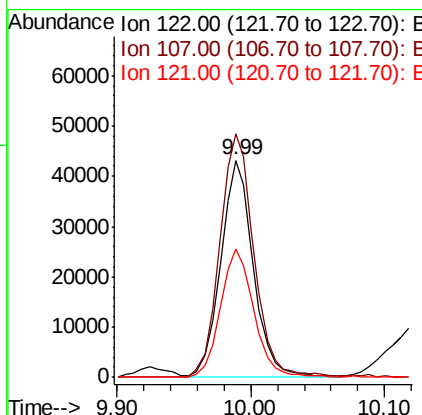
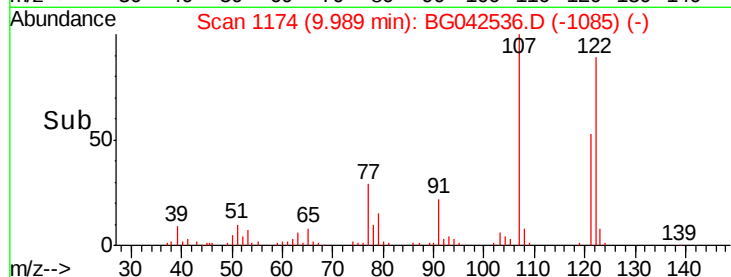
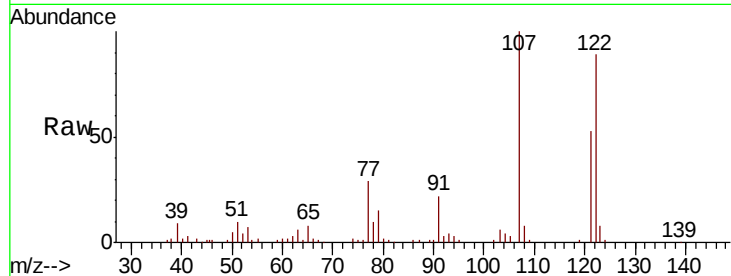




#27
 2,4-Dimethylphenol
 Concen: 39.043 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

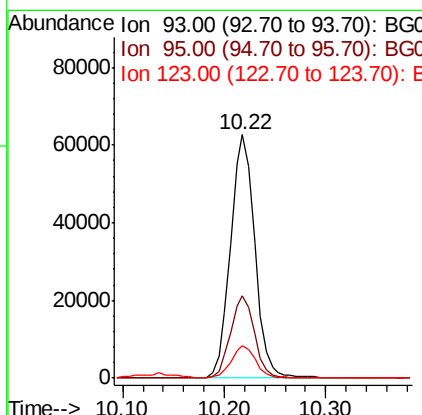
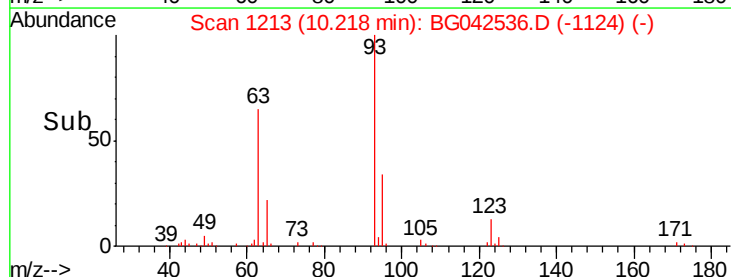
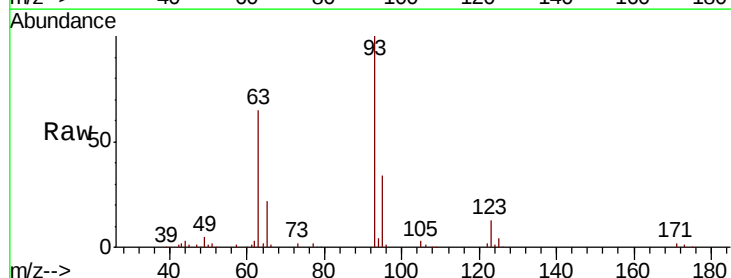
Instrument :
 BNA_G
 ClientSampleId :

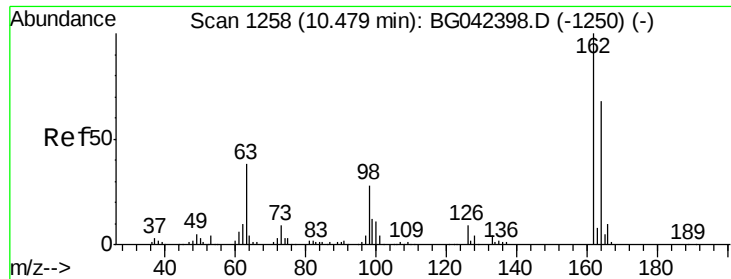
Tot Ion:122 Resp: 72660
 Ion Ratio Lower Upper
 122 100
 107 112.2 90.8 136.2
 121 59.1 49.6 74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.538 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Tgt Ion: 93 Resp: 104704
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.6 40.0
 123 13.4 10.1 15.1

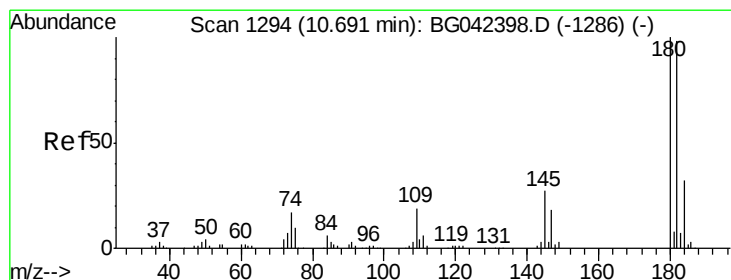
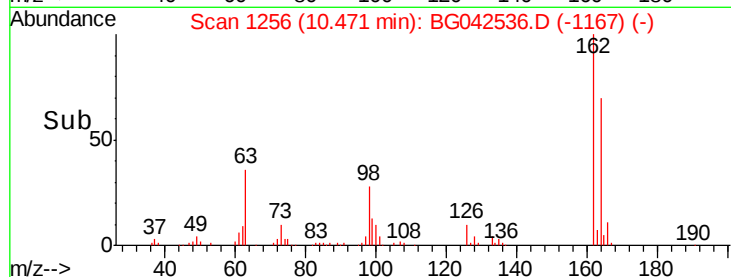
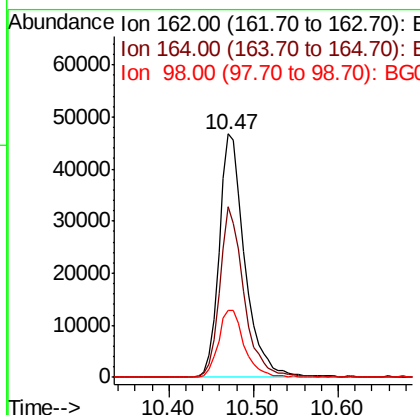
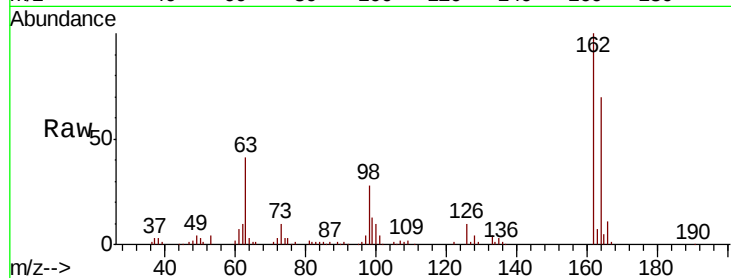




#29
 2,4-Dichlorophenol
 Concen: 40.406 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

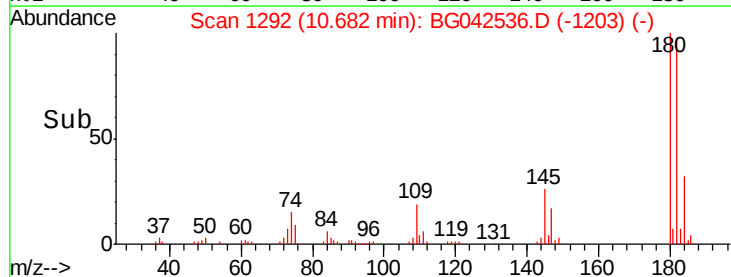
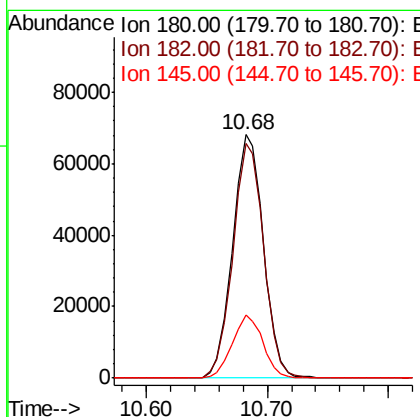
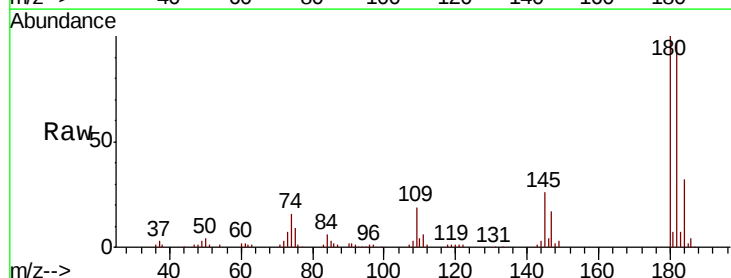
Instrument :
 BNA_G
 ClientSampleId :

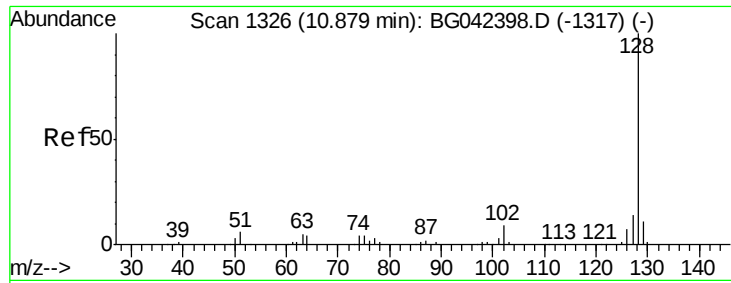
Tot Ion	162	Resp	98385
Ion Ratio	Lower	Upper	
162	100		
164	69.8	48.1	88.1
98	27.8	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 40.435 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Tgt Ion	180	Resp	120846
Ion Ratio	Lower	Upper	
180	100		
182	96.5	78.7	118.1
145	25.7	21.6	32.4

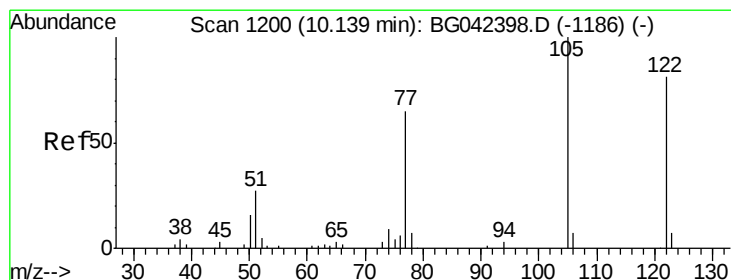
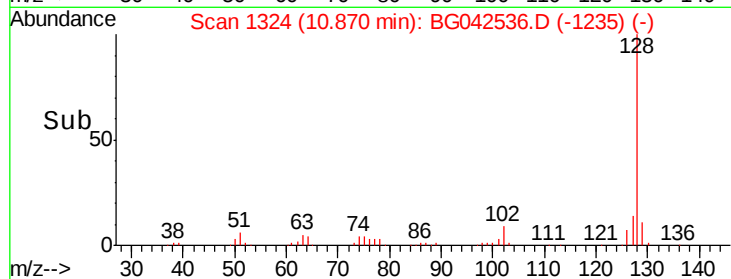
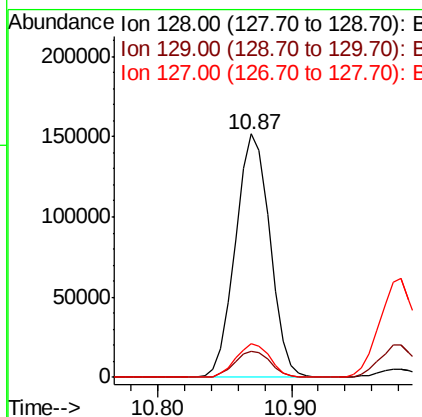
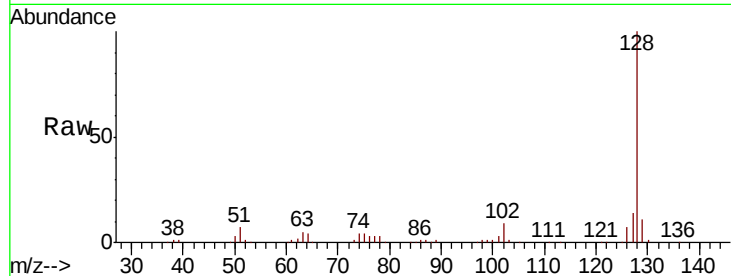




#31
Naphthalene
Concen: 39.797 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

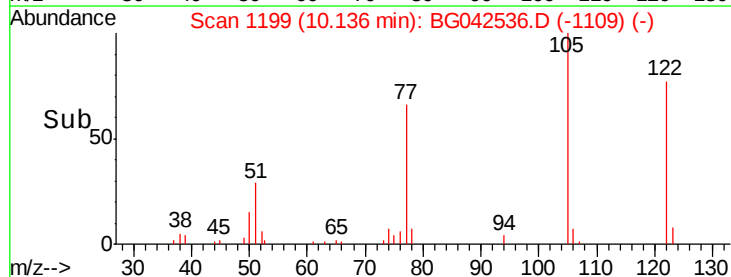
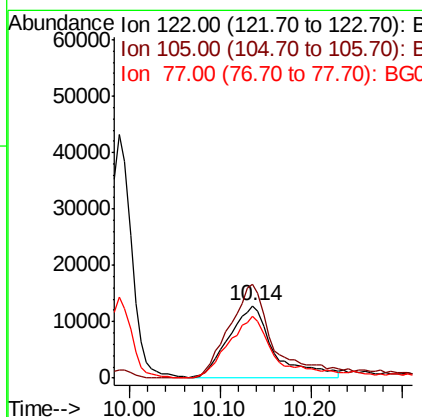
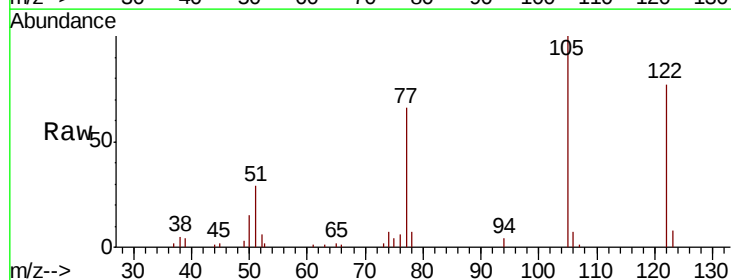
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 271828
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 14.0 11.4 17.0



#32
Benzoic acid
Concen: 34.673 ng
RT: 10.14 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

Tgt Ion:122 Resp: 43139
Ion Ratio Lower Upper
122 100
105 129.3 99.6 139.6
77 85.7 59.5 99.5

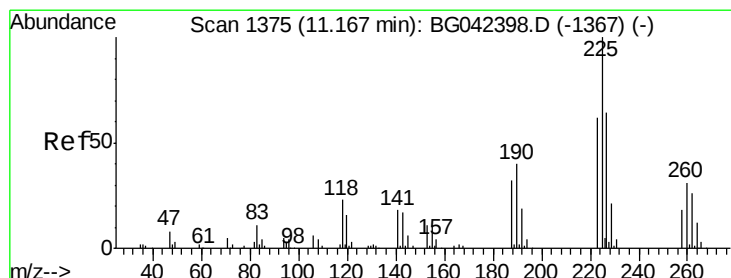
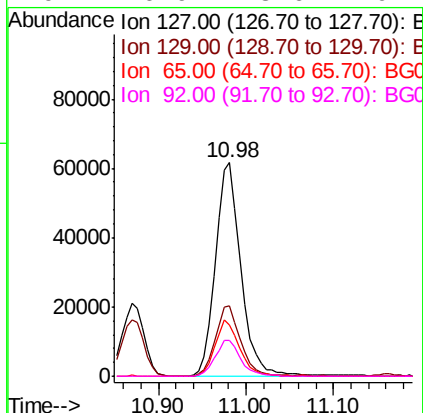
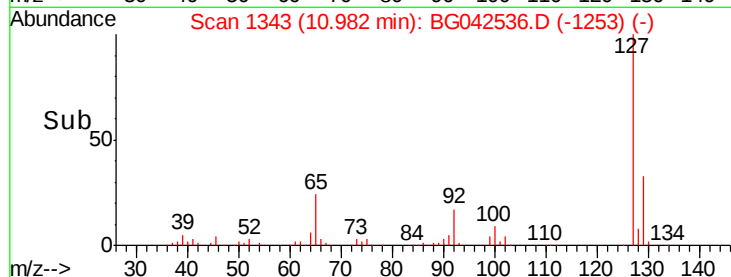
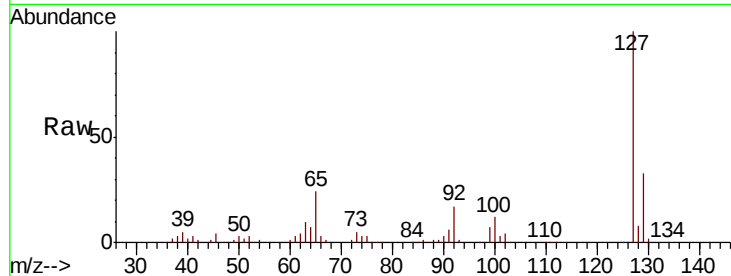




#33
4-Chloroaniline
Concen: 39.662 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

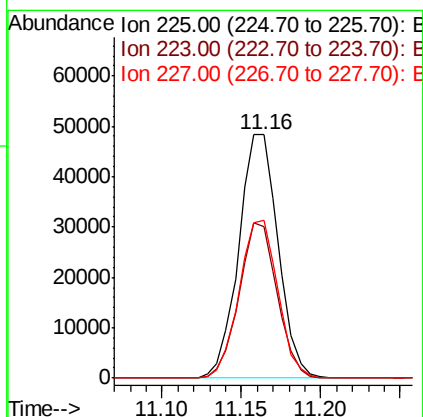
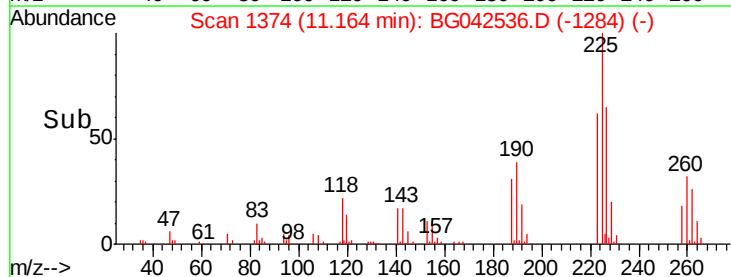
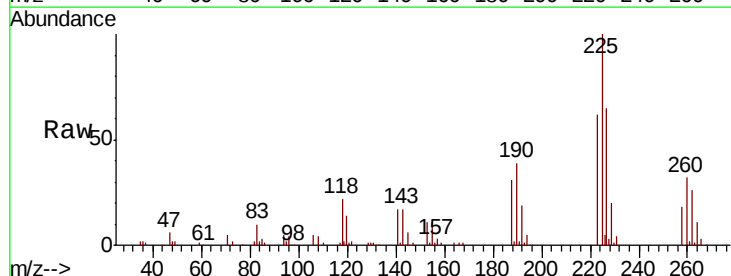
Instrument :
BNA_G
ClientSampleId :

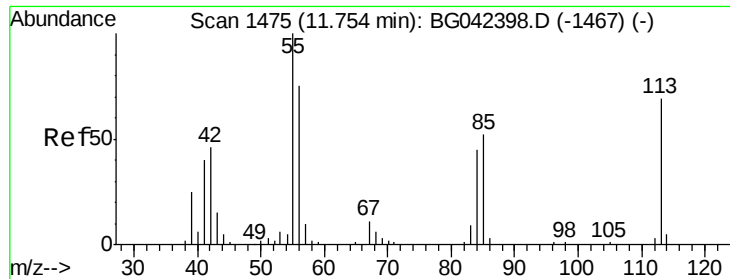
Tot Ion:	127	Resp:	125058
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.8	40.2
65	24.2	20.7	31.1
92	16.9	13.6	20.4



#34
Hexachlorobutadiene
Concen: 41.412 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

Tgt Ion:	225	Resp:	83180
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.6
227	65.0	50.9	76.3

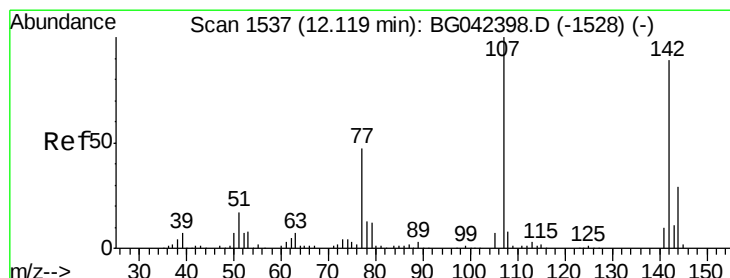
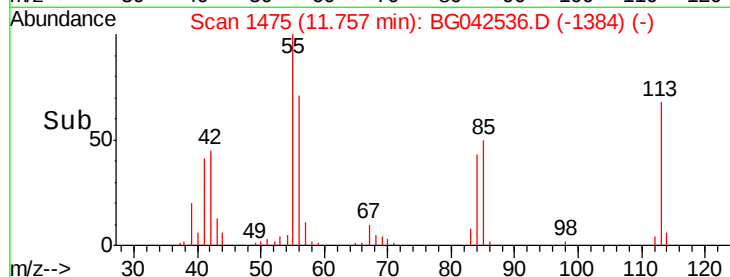
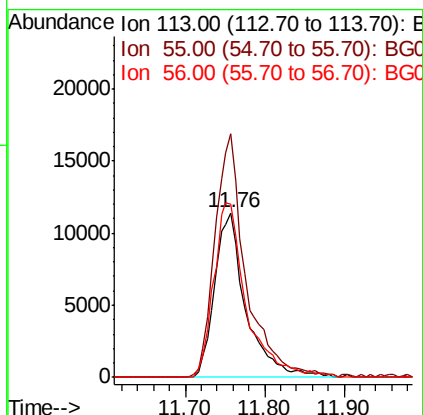
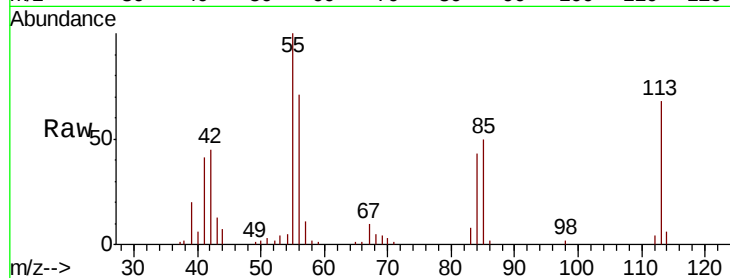




#35
 Caprolactam
 Concen: 38.352 ng
 RT: 11.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

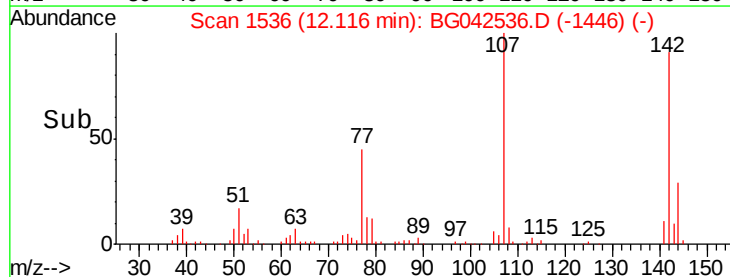
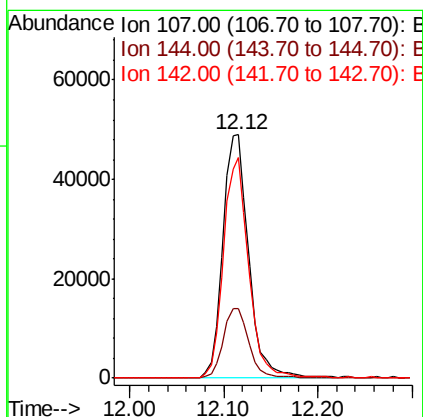
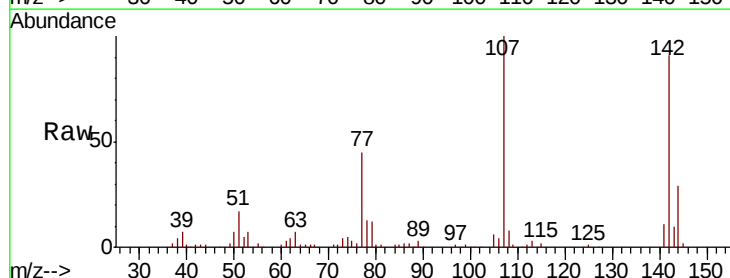
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 31160
 Ion Ratio Lower Upper
 113 100
 55 147.7 124.6 164.6
 56 105.2 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.553 ng
 RT: 12.12 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Tgt Ion:107 Resp: 93735
 Ion Ratio Lower Upper
 107 100
 144 28.8 23.6 35.4
 142 90.5 71.0 106.4

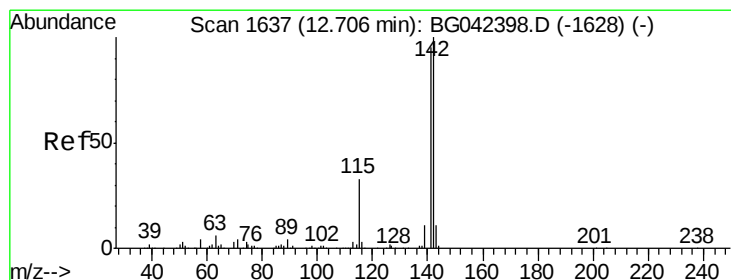
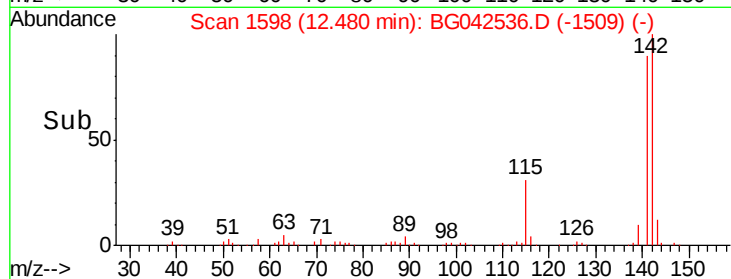
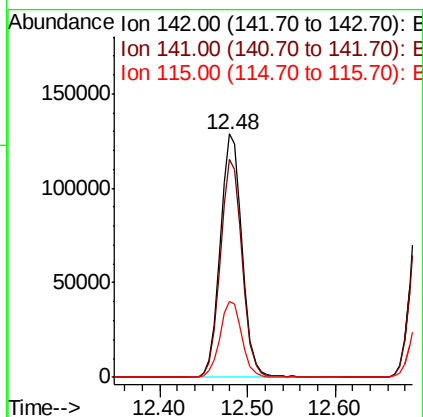
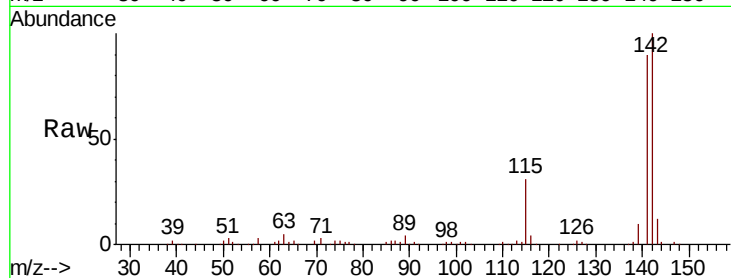




#37
2-Methylnaphthalene
Concen: 40.501 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

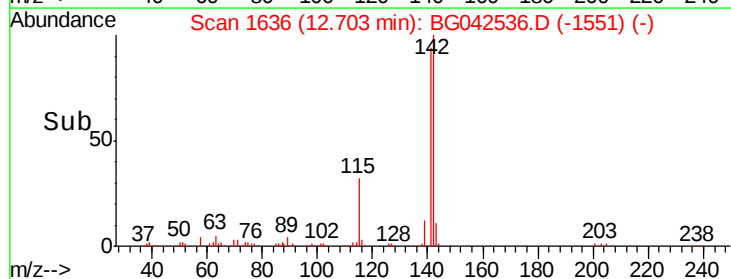
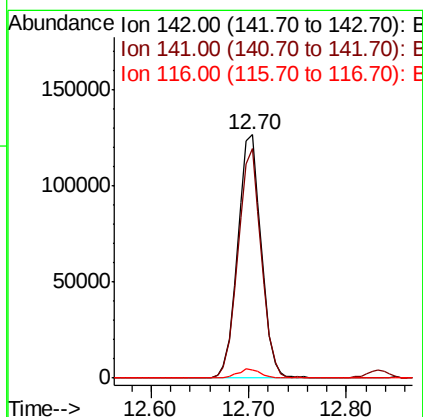
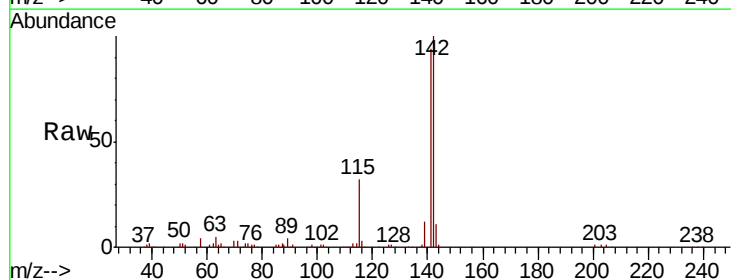
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2
115	31.4	25.2	37.8



#38
1-Methylnaphthalene
Concen: 40.570 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	76.2	114.2
116	3.4	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Instrument :

BNA_G

ClientSampleId :

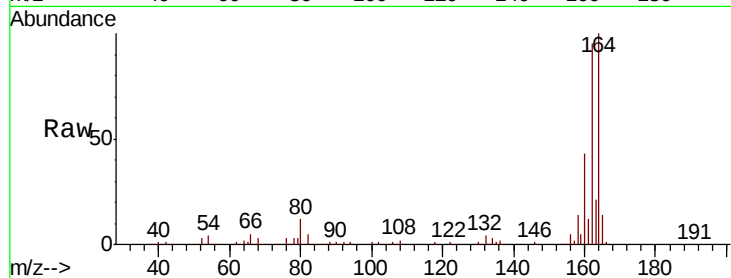
Tot Ion:164 Resp: 112511

Ion Ratio Lower Upper

164 100

162 95.2 79.9 119.9

160 43.0 34.3 51.5

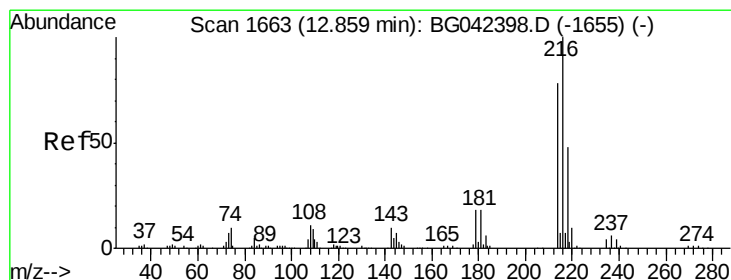
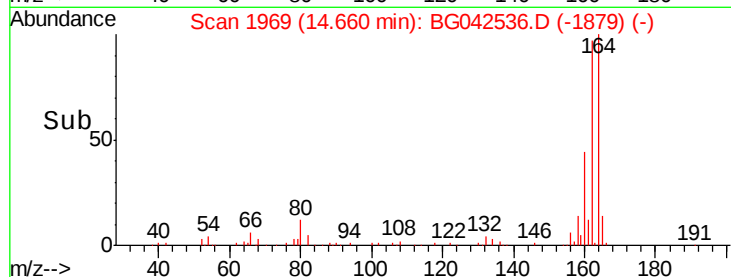
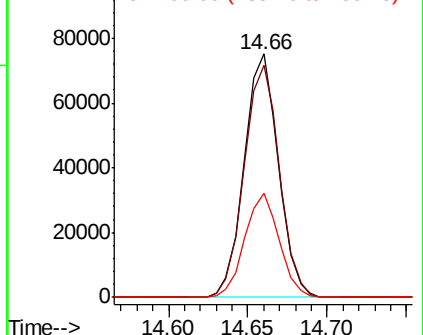


Abundance

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: 40.571 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Tgt Ion:216 Resp: 146587

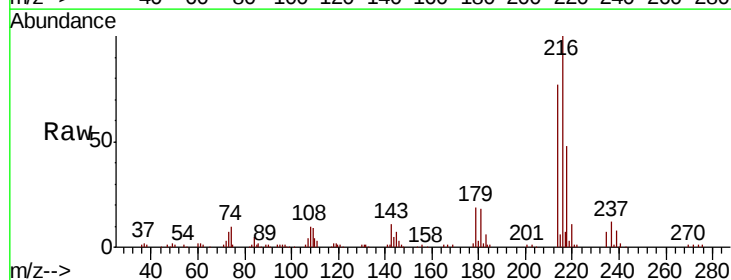
Ion Ratio Lower Upper

216 100

214 77.8 61.4 92.2

179 18.7 15.1 22.7

108 11.4 9.4 14.0



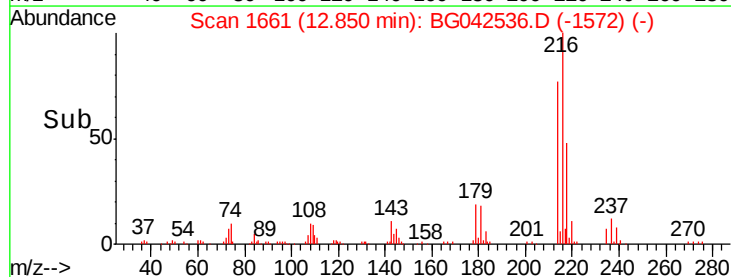
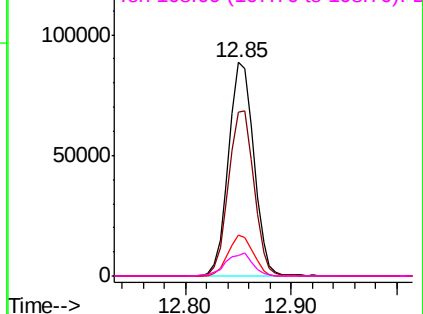
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.931 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

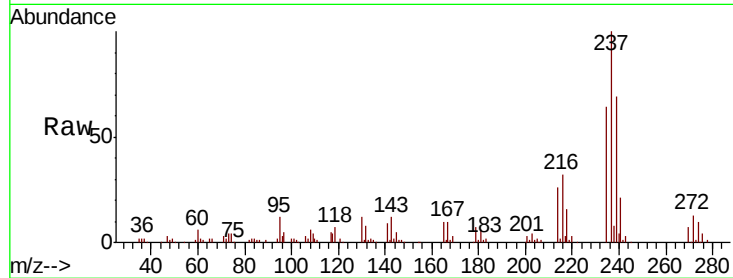
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 71991

Ion	Ratio	Lower	Upper
237	100		
235	64.2	43.7	83.7
272	13.0	0.0	33.3

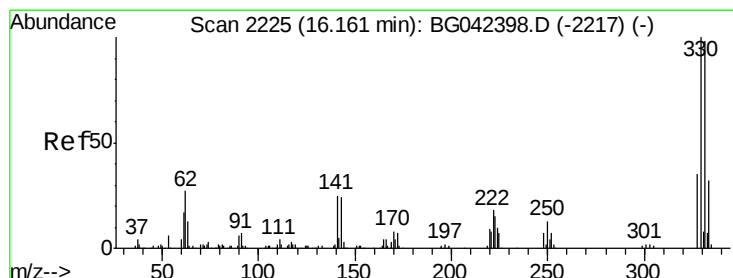
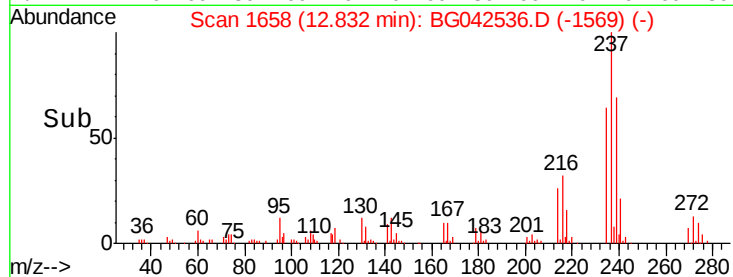
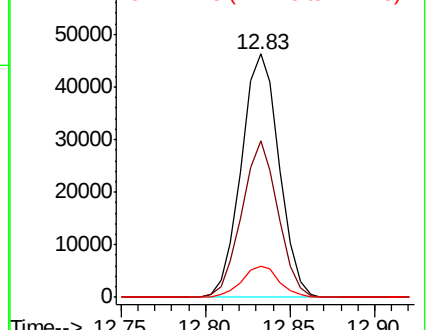


Abundance

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: 81.578 ng

RT: 16.15 min Scan# 2223

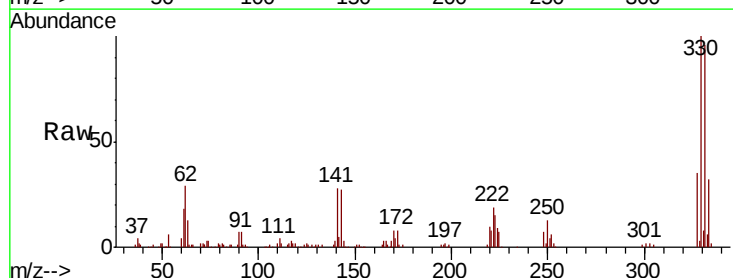
Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Tgt Ion:330 Resp: 130456

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.0
141	26.8	21.4	32.0

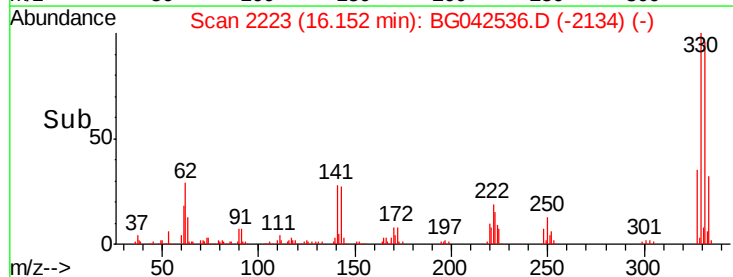
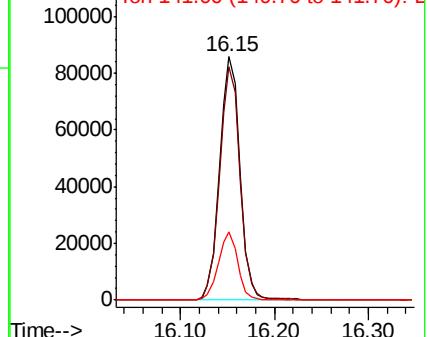


Abundance

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

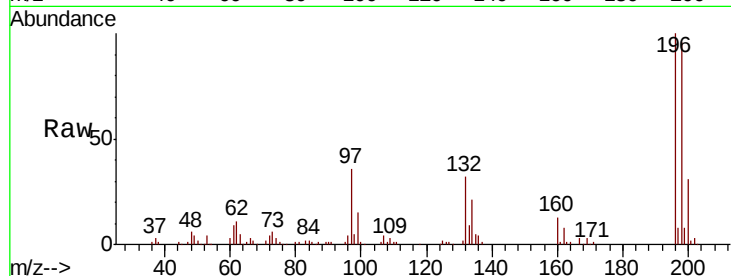




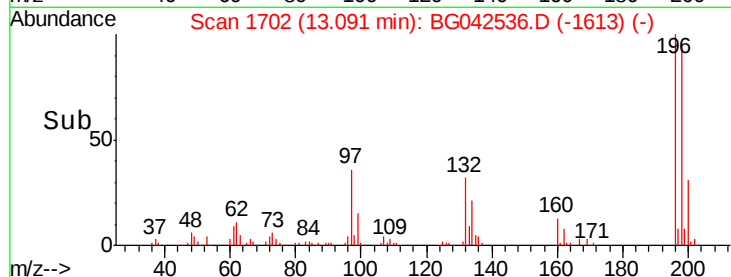
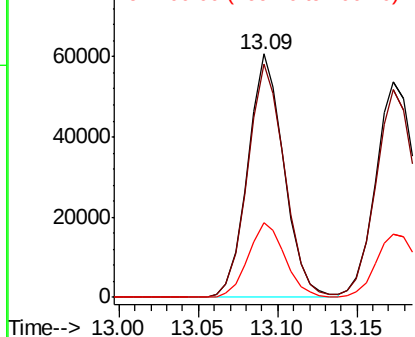
#43
 2,4,6-Trichlorophenol
 Concen: 39.441 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 96324
 Ion Ratio Lower Upper
 196 100
 198 96.0 80.7 121.1
 200 30.6 25.7 38.5

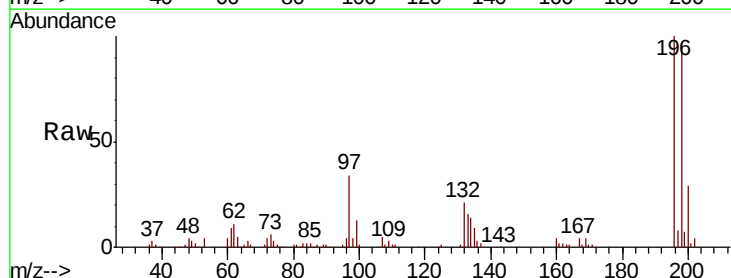


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

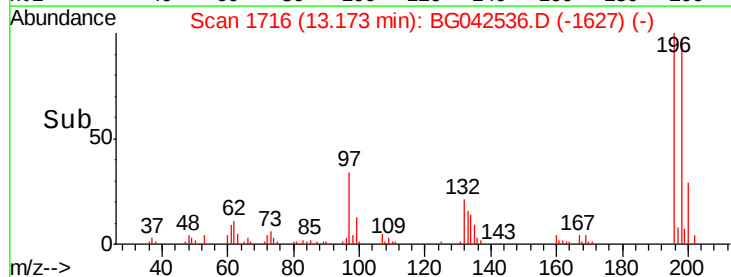
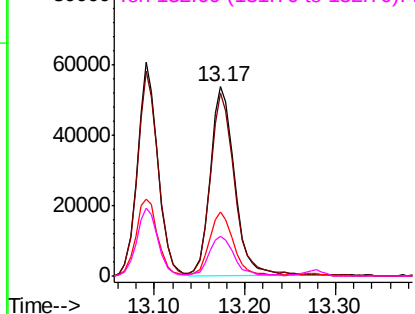


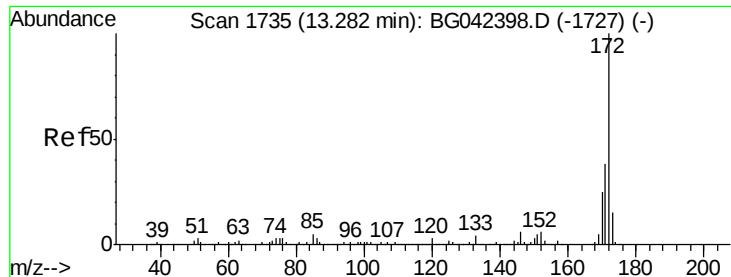
#44
 2,4,5-Trichlorophenol
 Concen: 39.444 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Tgt Ion:196 Resp: 99828
 Ion Ratio Lower Upper
 196 100
 198 96.5 80.2 120.4
 97 33.6 26.3 39.5
 132 21.0 16.6 24.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

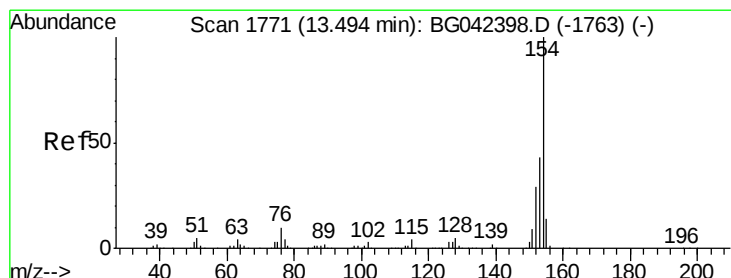
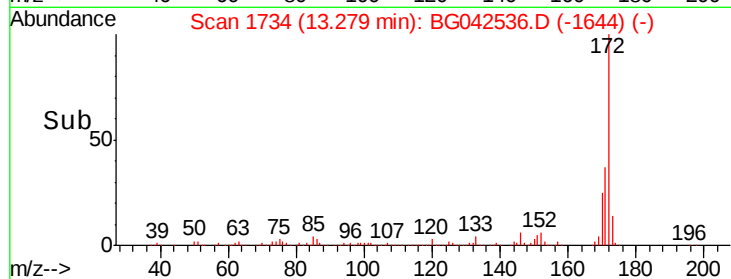
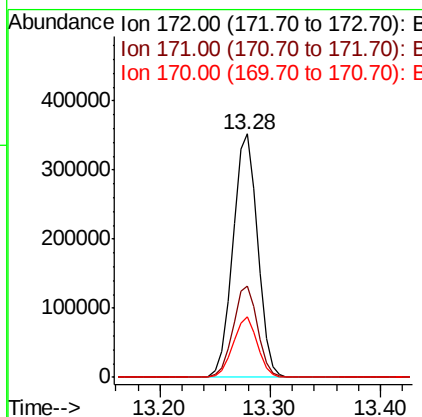
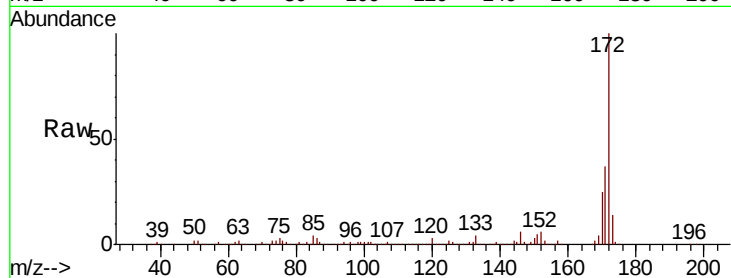




#45
 2-Fluorobiphenyl
 Concen: 83.094 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

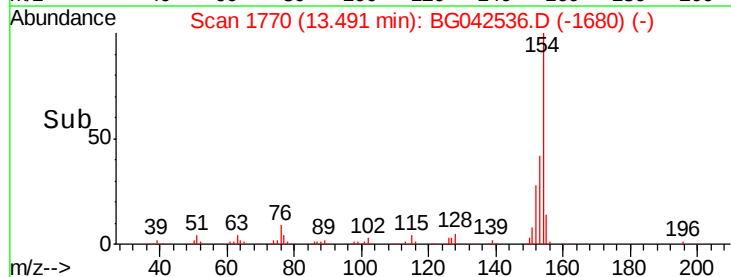
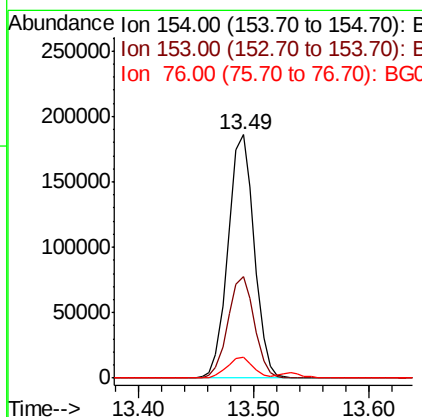
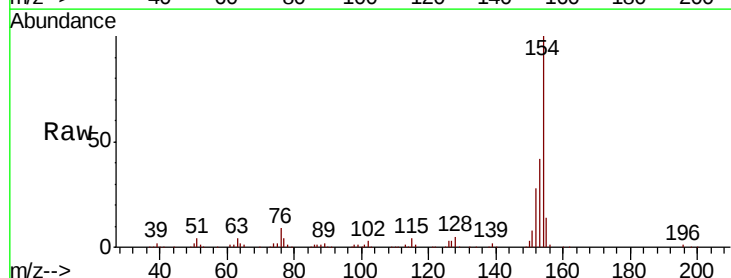
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	24.7	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 40.040 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	23.0	63.0
76	8.8	0.0	29.6

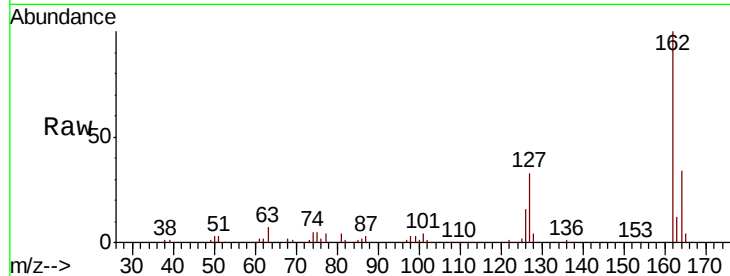




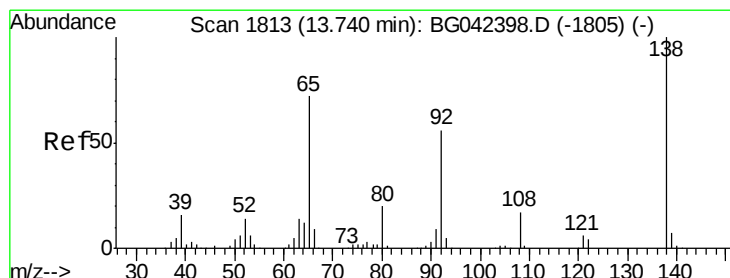
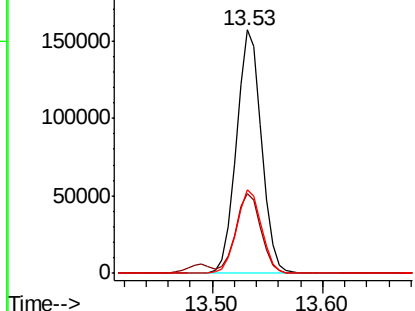
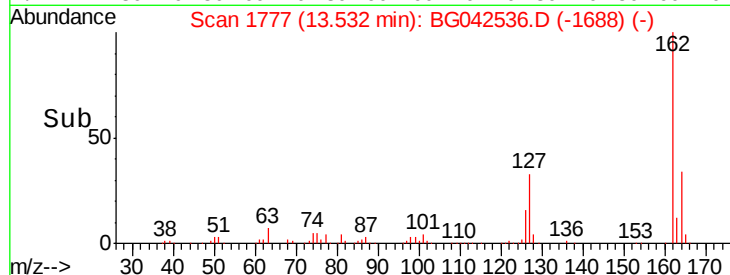
#47
 2-Chloronaphthalene
 Concen: 39.788 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 249511
 Ion Ratio Lower Upper
 162 100
 127 32.7 26.0 39.0
 164 34.3 27.4 41.0

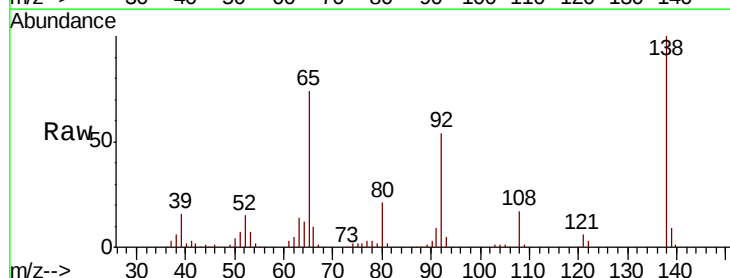


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

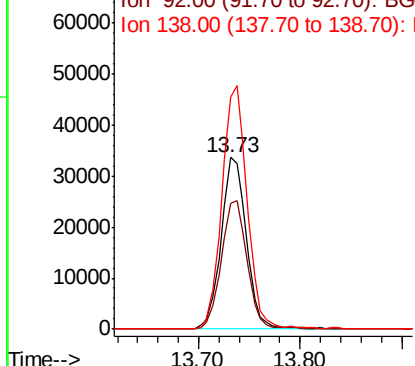
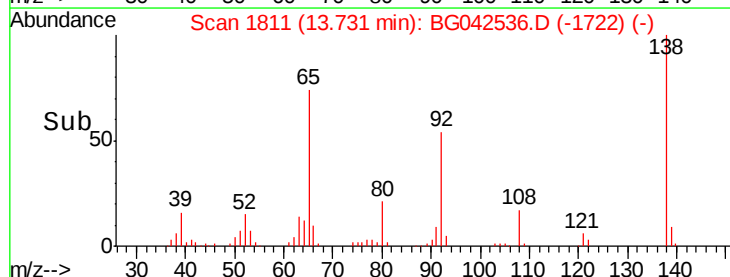


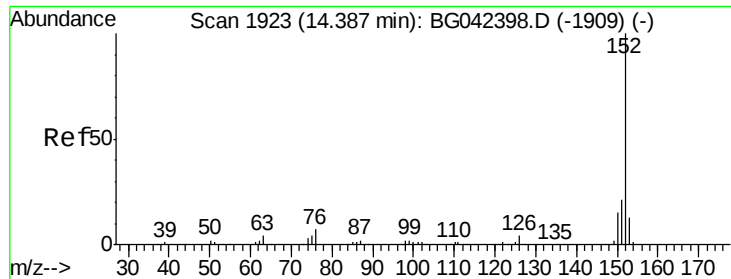
#48
 2-Nitroaniline
 Concen: 38.535 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Tgt Ion: 65 Resp: 58273
 Ion Ratio Lower Upper
 65 100
 92 73.3 61.8 92.6
 138 135.2 111.0 166.6



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





#49

Acenaphthylene

Concen: 40.380 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Instrument :

BNA_G

ClientSampleId :

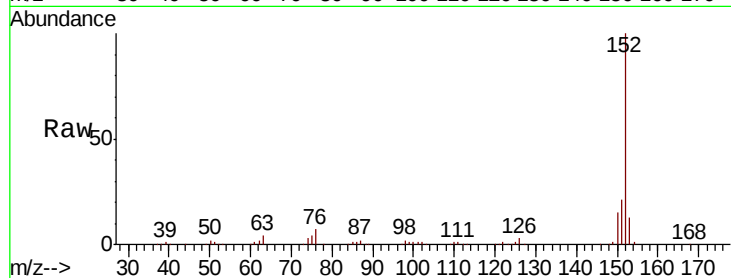
Tot Ion:152 Resp: 380973

Ion Ratio Lower Upper

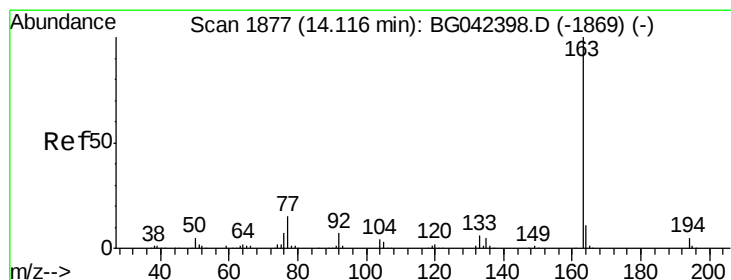
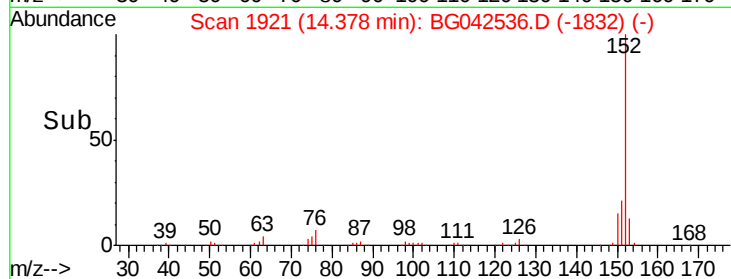
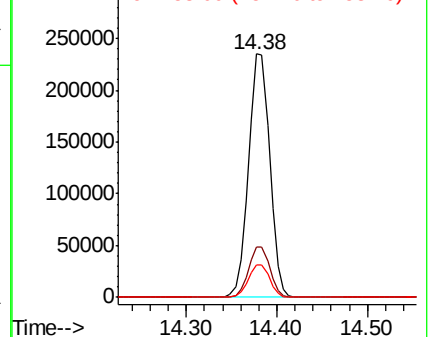
152 100

151 20.7 17.0 25.4

153 13.4 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: 40.680 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

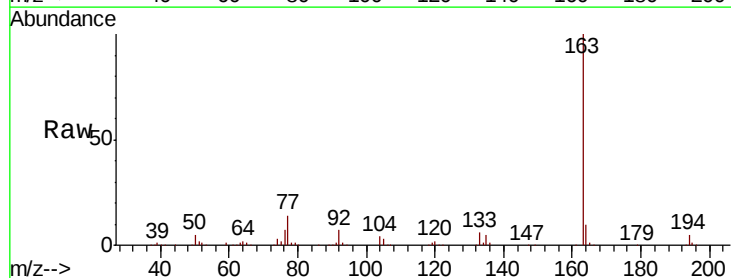
Tgt Ion:163 Resp: 330242

Ion Ratio Lower Upper

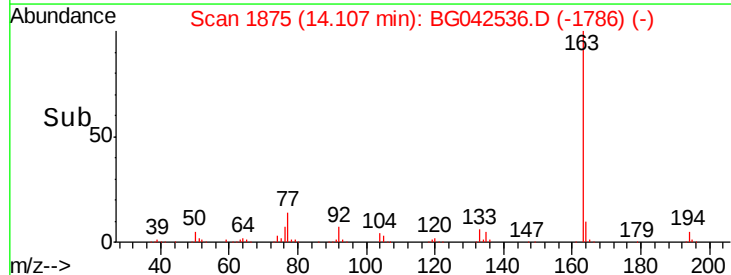
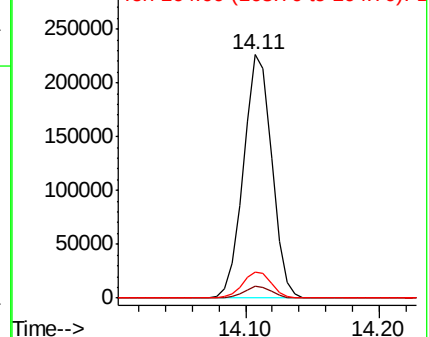
163 100

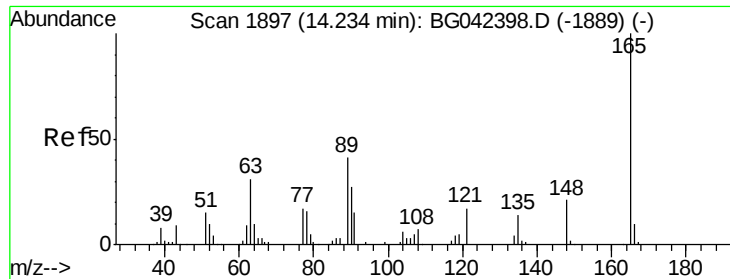
194 4.9 4.2 6.2

164 10.5 8.8 13.2



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





#51

2,6-Dinitrotoluene

Concen: 40.763 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Instrument :

BNA_G

ClientSampleId :

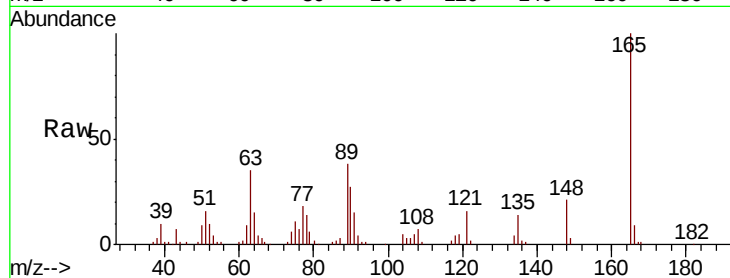
Tot Ion:165 Resp: 76704

Ion Ratio Lower Upper

165 100

63 35.4 30.6 45.8

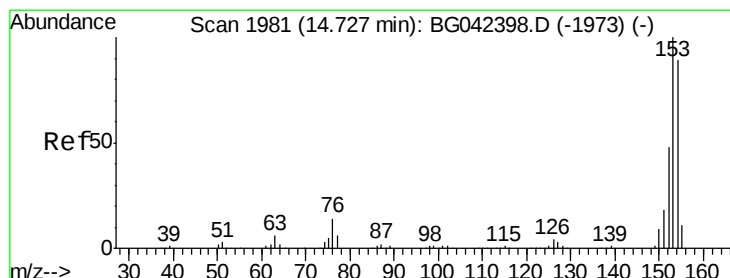
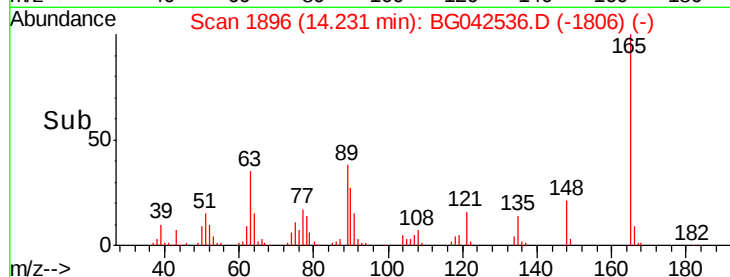
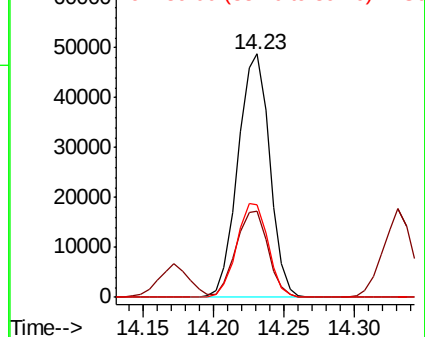
89 38.0 32.6 49.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 39.794 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

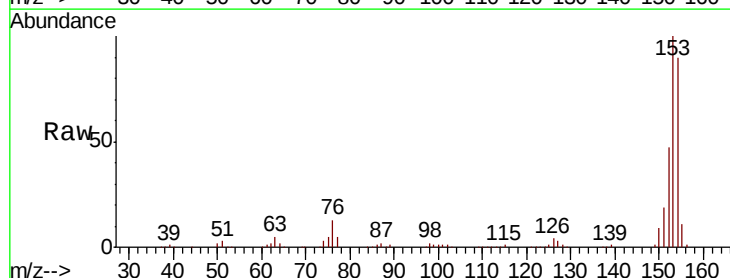
Tgt Ion:154 Resp: 227975

Ion Ratio Lower Upper

154 100

153 111.1 90.2 135.4

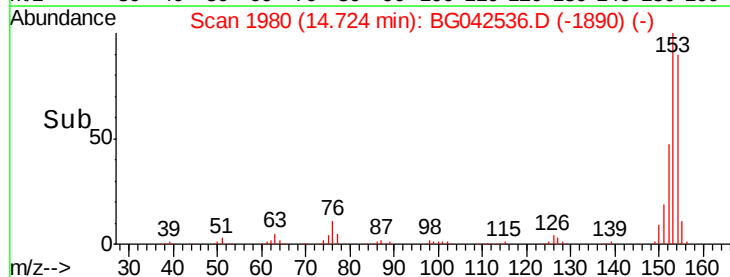
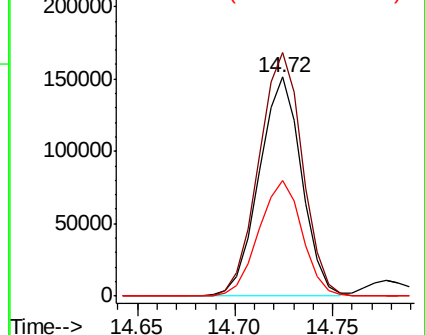
152 52.6 43.2 64.8



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: 38.526 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Instrument :

BNA_G

ClientSampleId :

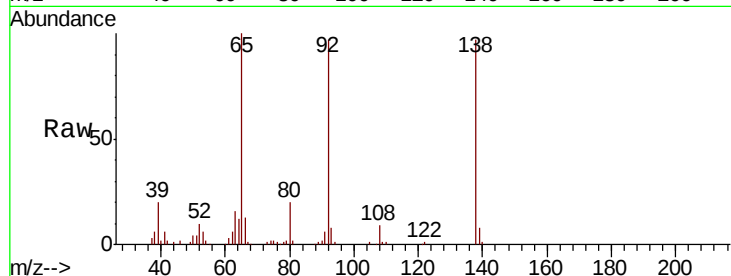
Tot Ion:138 Resp: 72502

Ion Ratio Lower Upper

138 100

108 9.2 8.3 12.5

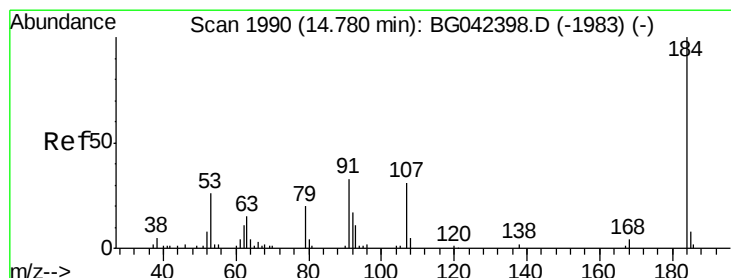
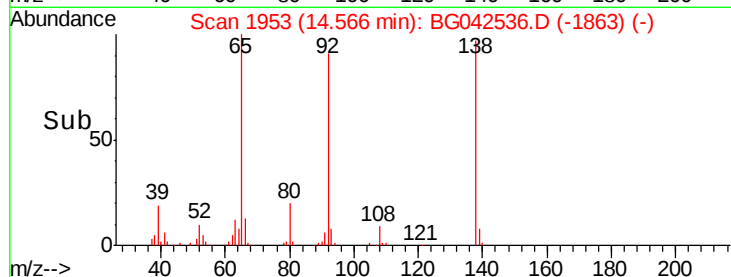
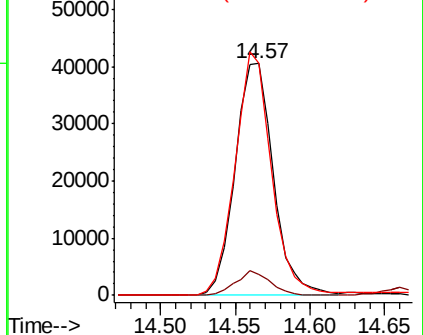
92 100.3 78.2 117.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 34.240 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

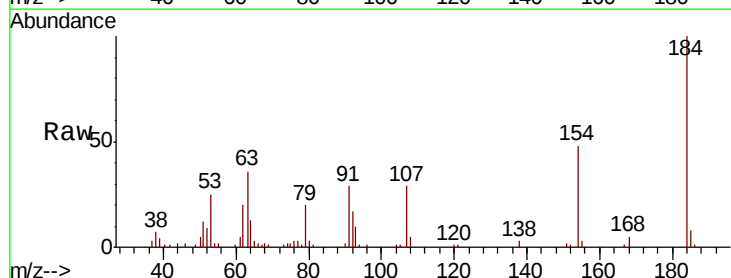
Tgt Ion:184 Resp: 38503

Ion Ratio Lower Upper

184 100

63 35.8 31.7 47.5

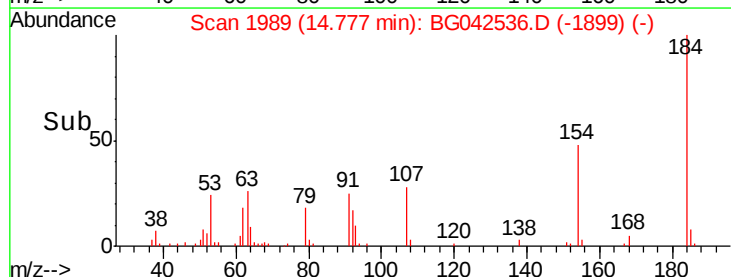
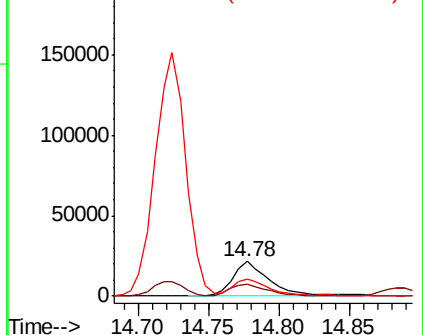
154 48.4 42.0 63.0



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

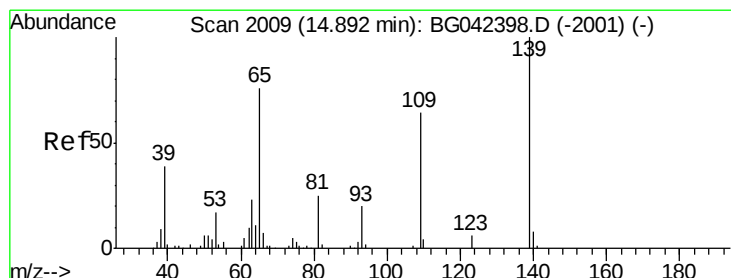
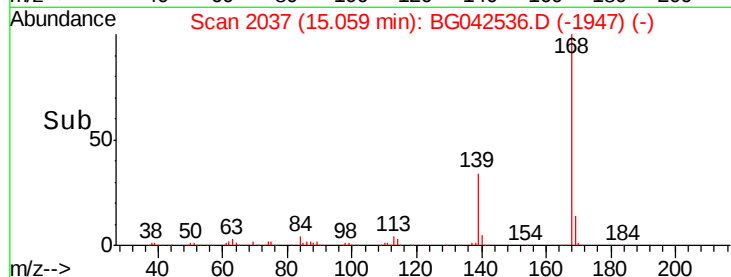
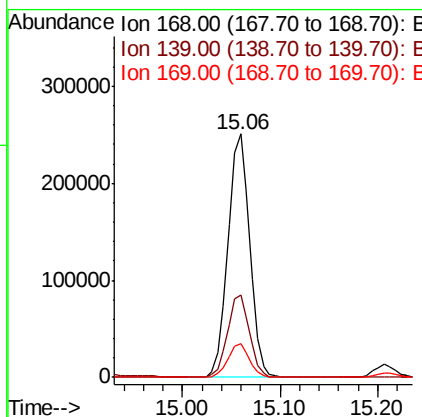
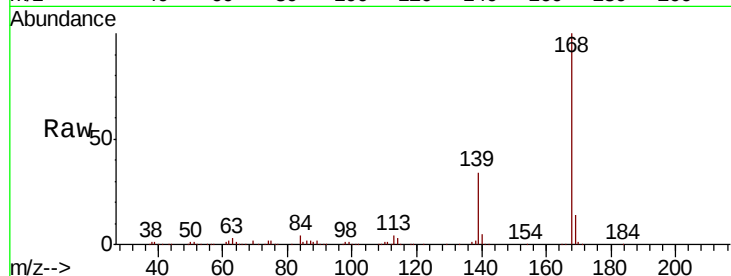




#55
Dibenzenofuran
Concen: 40.805 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

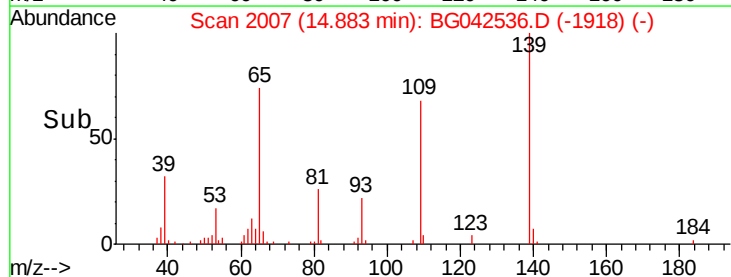
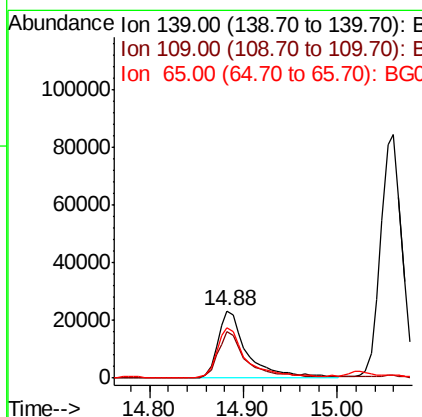
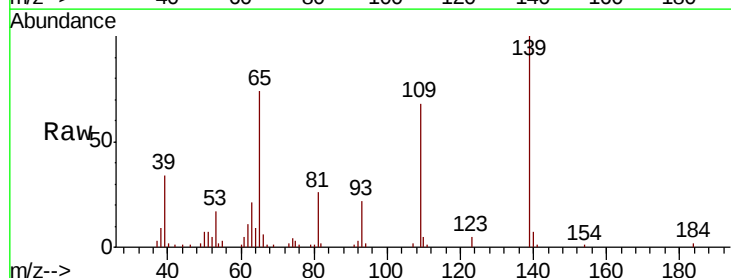
Instrument :
BNA_G
ClientSampleId :

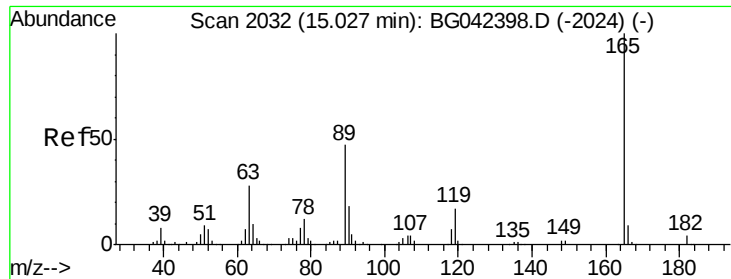
Tot Ion	Ratio	Lower	Upper
168	100		
139	33.6	27.2	40.8
169	13.8	11.5	17.3



#56
4-Nitrophenol
Concen: 38.039 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.4	43.9	83.9
65	74.5	56.3	96.3

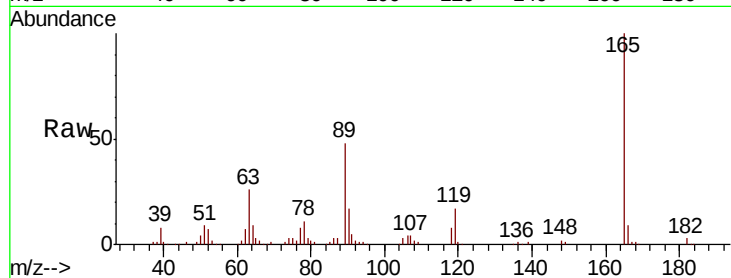




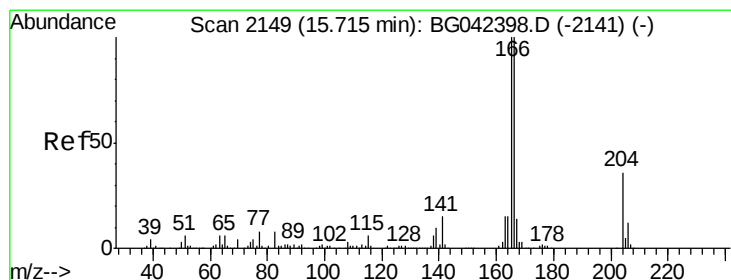
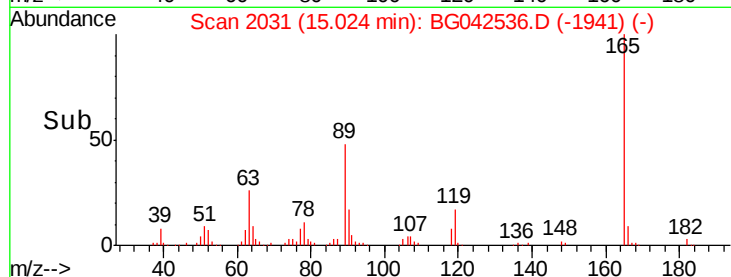
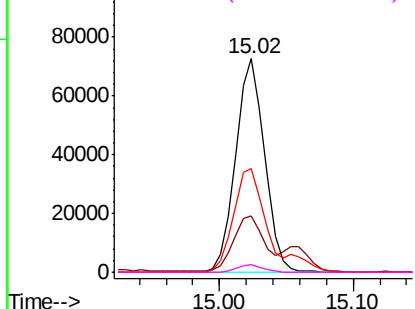
#57
 2,4-Dinitrotoluene
 Concen: 40.517 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	109176
Ion Ratio	Lower	Upper
165	100	
63	26.5	22.5 33.7
89	48.4	37.8 56.6
182	3.5	3.0 4.4

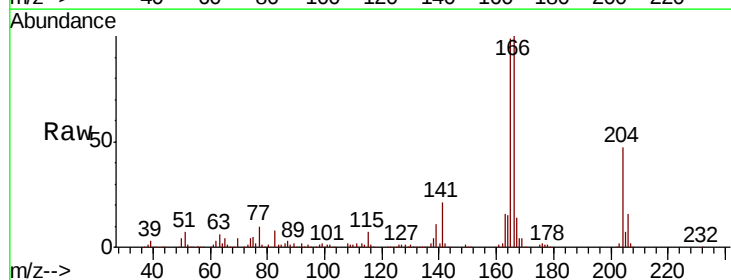


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

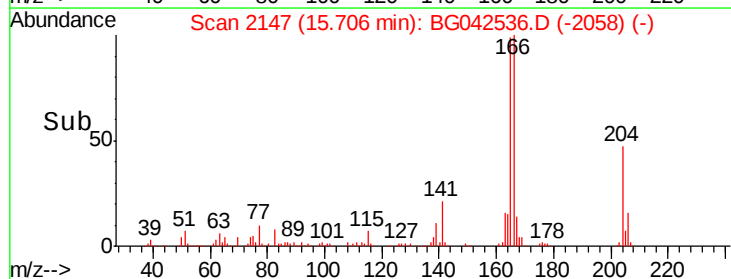
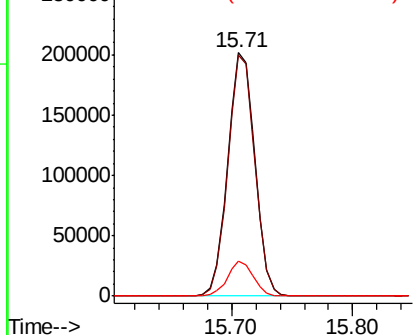


#58
 Fluorene
 Concen: 40.552 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Tgt Ion:166	Resp:	314351
Ion Ratio	Lower	Upper
166	100	
165	99.0	79.7 119.5
167	14.4	10.9 16.3



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

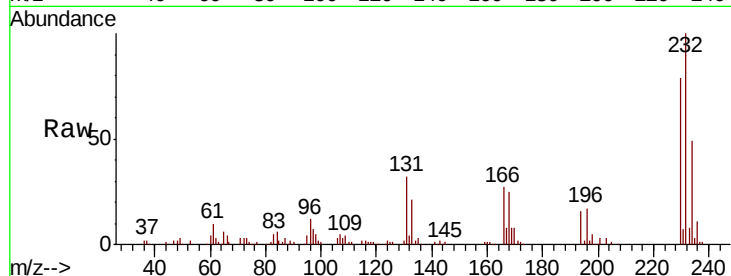




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.474 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	101298
Ion	Ratio	Lower	Upper
232	100		
131	30.5	22.9	34.3
130	1.7	1.4	2.0
166	25.5	17.0	25.4#



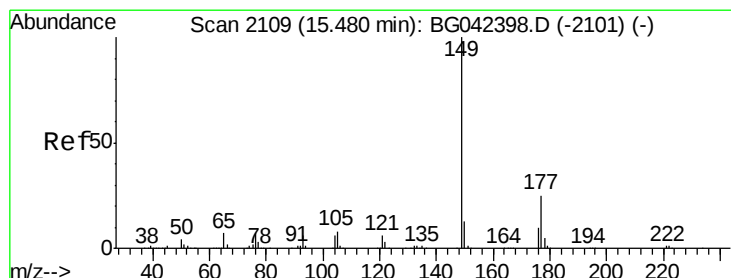
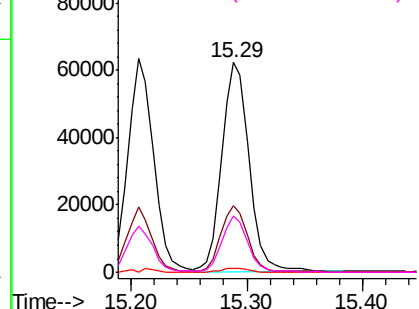
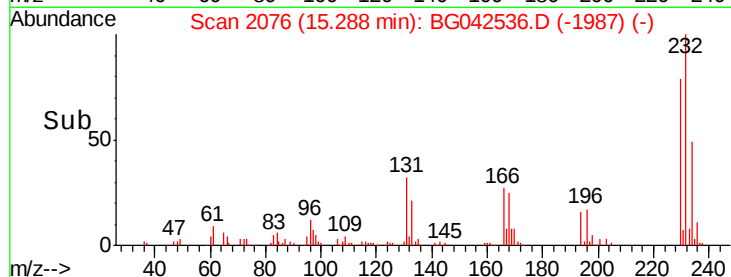
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

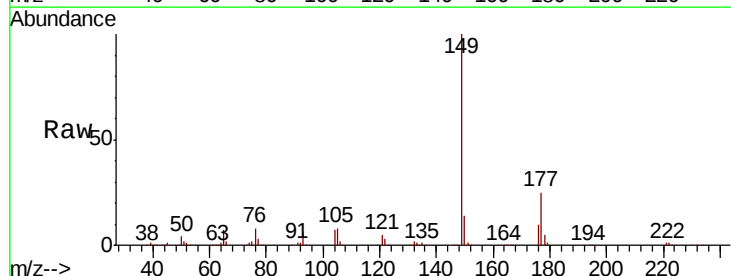
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.542 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Tgt Ion:	149	Resp:	321737
Ion	Ratio	Lower	Upper
149	100		
177	25.2	20.4	30.6
150	13.6	10.3	15.5

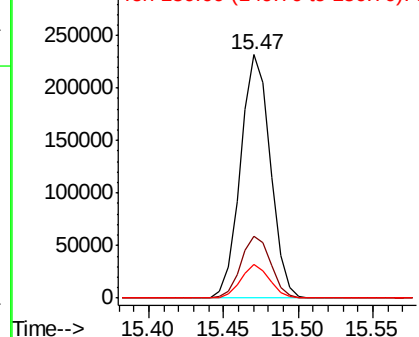
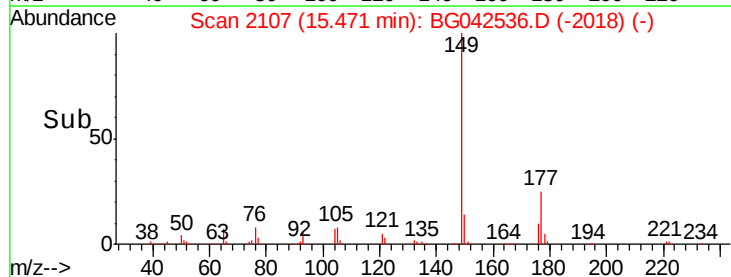


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

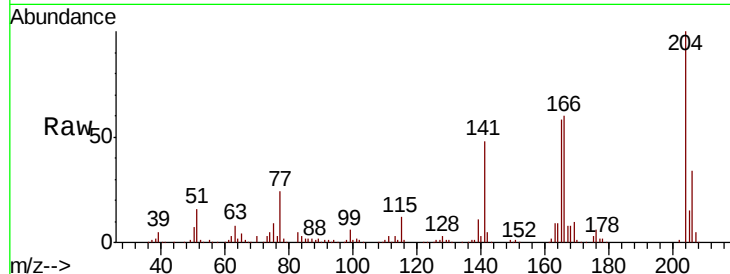




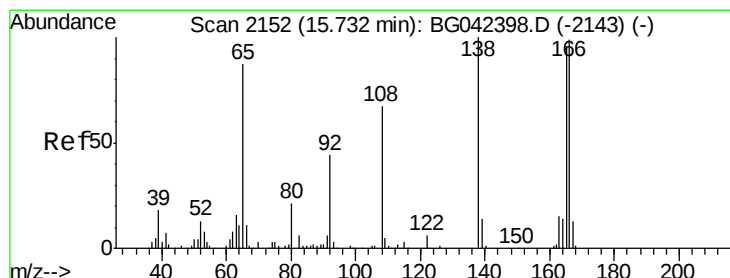
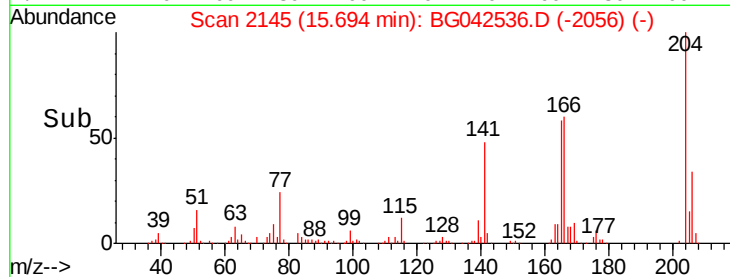
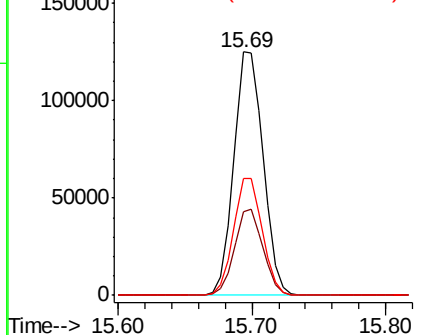
#61
 4-Chlorophenyl-phenylether
 Concen: 40.811 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 190705
 Ion Ratio Lower Upper
 204 100
 206 34.5 27.2 40.8
 141 48.2 38.7 58.1

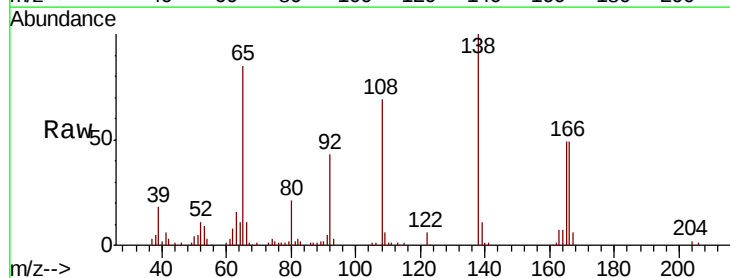


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

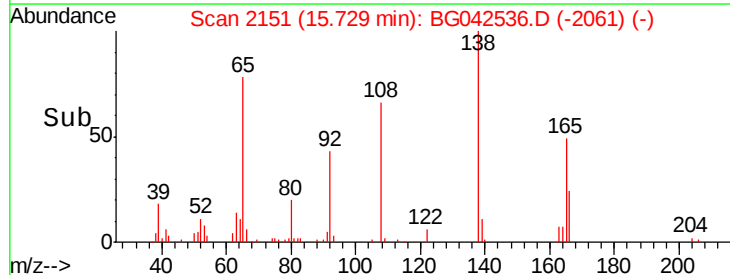
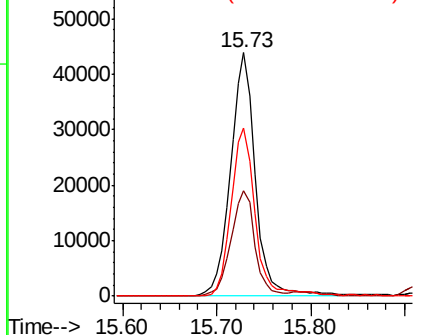


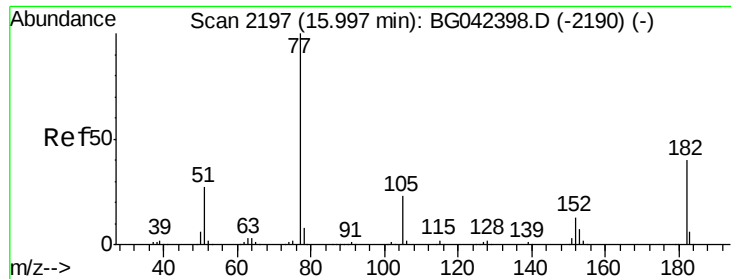
#62
 4-Nitroaniline
 Concen: 39.845 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Tgt Ion:138 Resp: 80252
 Ion Ratio Lower Upper
 138 100
 92 43.1 24.2 64.2
 108 69.0 46.8 86.8



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

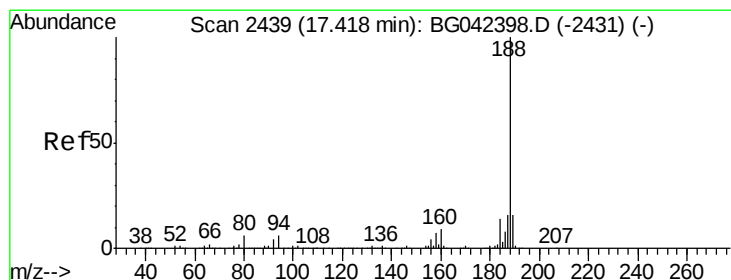
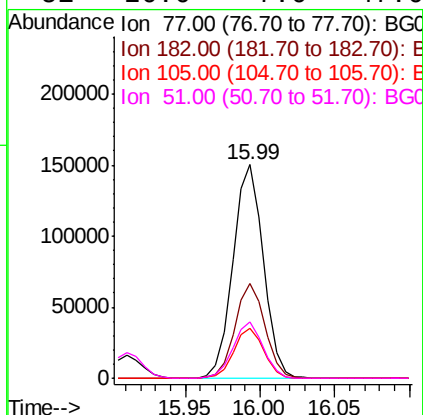
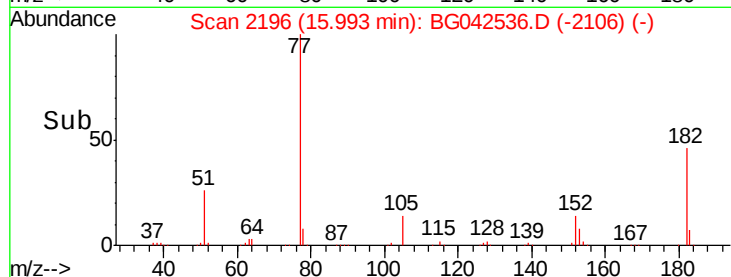
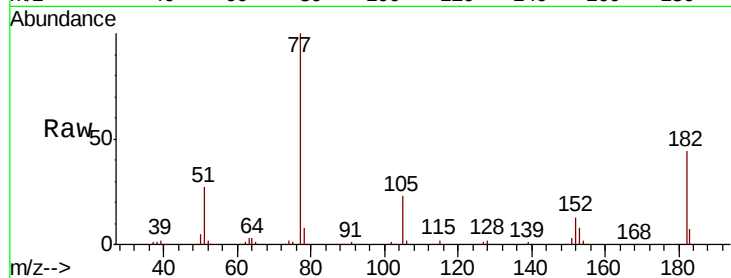




#63
Azobenzene
Concen: 39.203 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

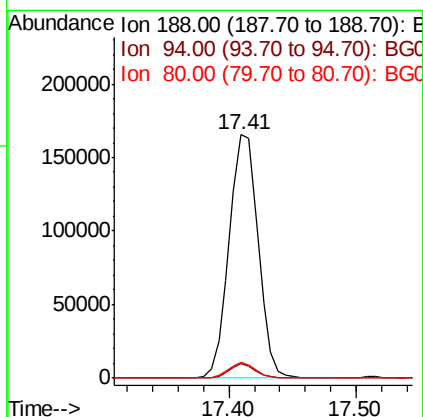
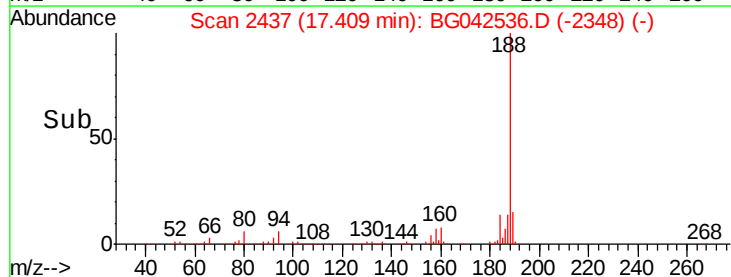
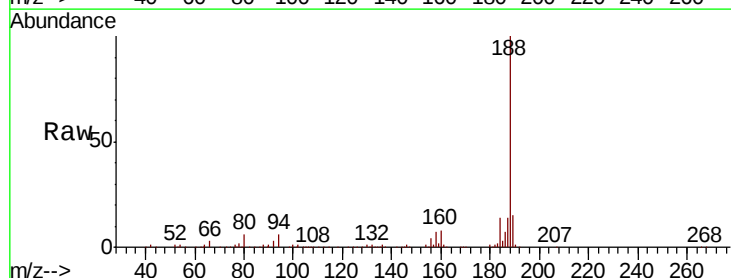
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	44.1	19.9	59.9	
105	23.3	2.9	42.9	
51	26.6	7.6	47.6	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.9	4.5	6.7	
80	6.4	4.9	7.3	





#65

4,6-Dinitro-2-methylphenol

Concen: 39.245 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Instrument :

BNA_G

ClientSampled :

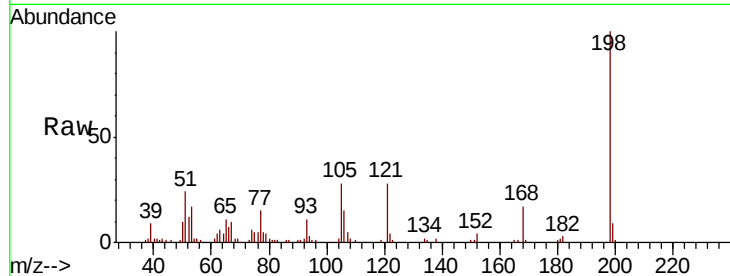
Tot Ion:198 Resp: 64353

Ion Ratio Lower Upper

198 100

51 23.7 4.2 44.2

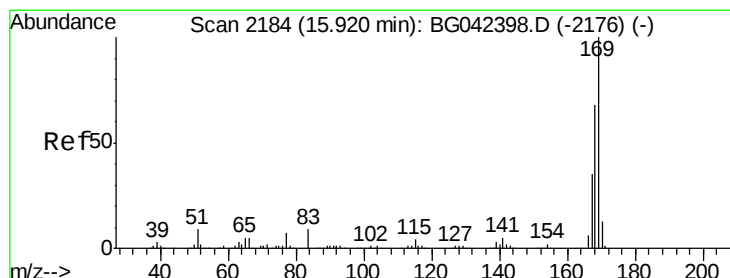
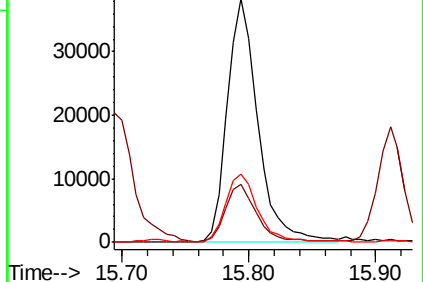
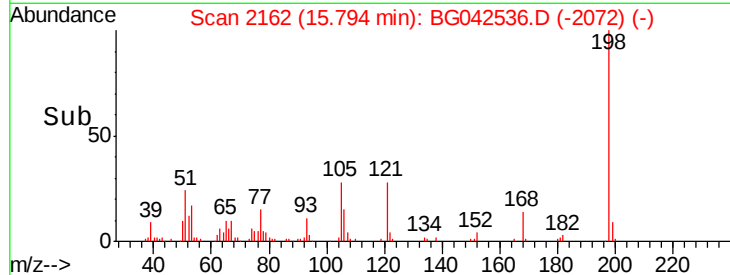
105 28.0 8.8 48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.926 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

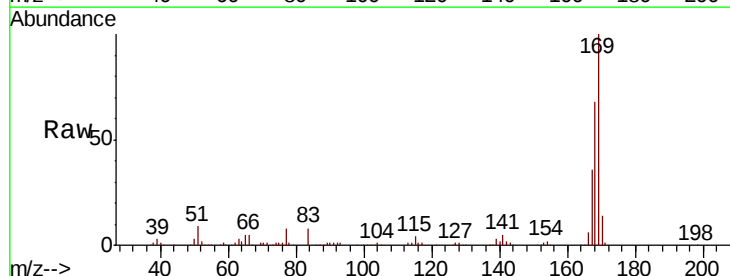
Tgt Ion:169 Resp: 287173

Ion Ratio Lower Upper

169 100

168 67.6 54.3 81.5

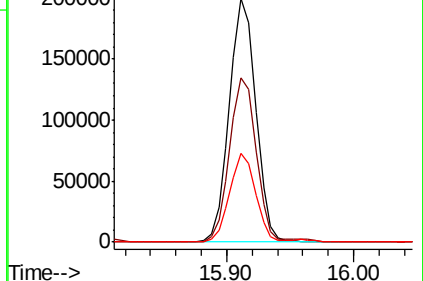
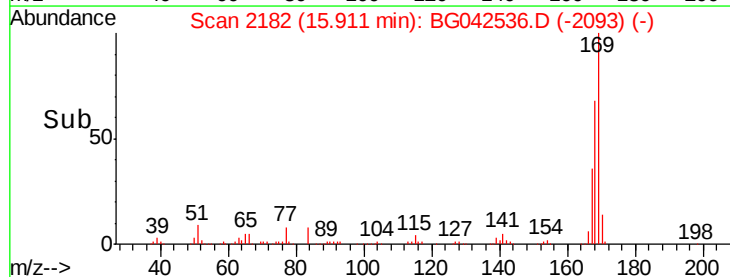
167 36.5 28.2 42.2

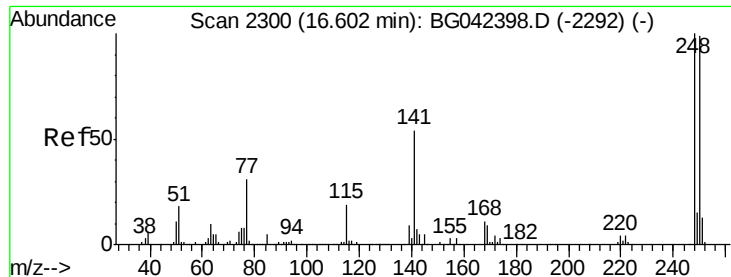


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

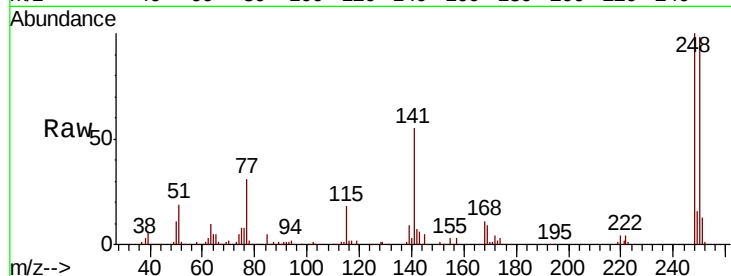




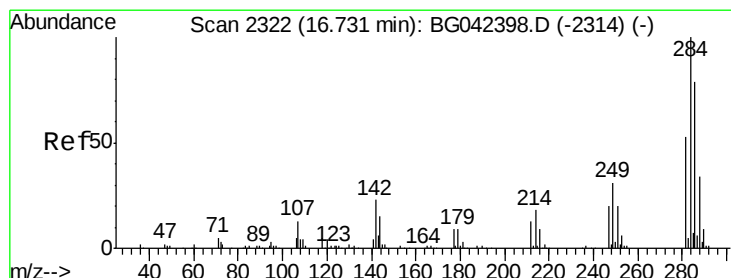
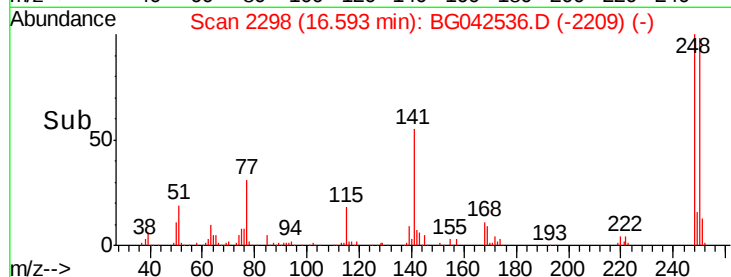
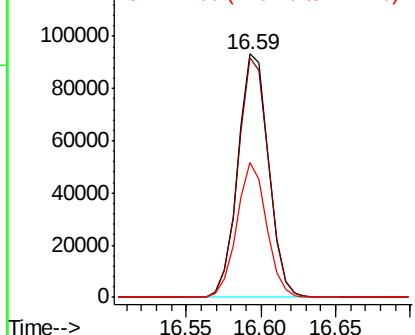
#67
 4-Bromophenyl-phenylether
 Concen: 40.202 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 133373
 Ion Ratio Lower Upper
 248 100
 250 98.3 78.9 118.3
 141 55.3 43.3 64.9

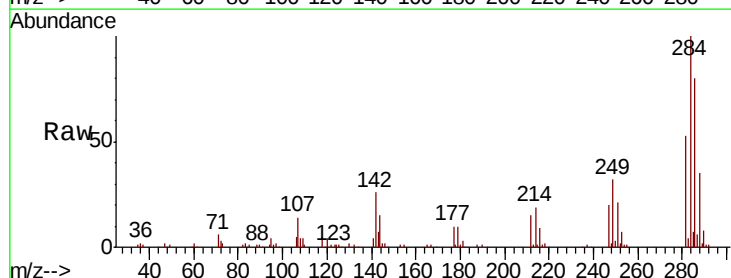


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

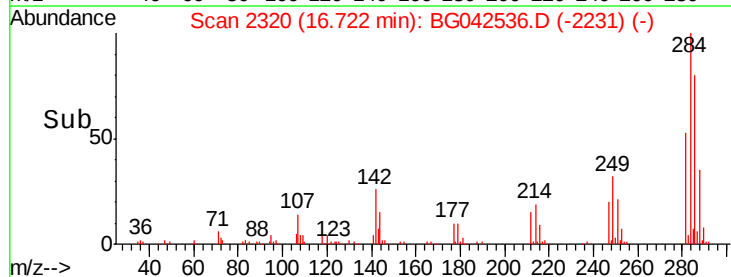
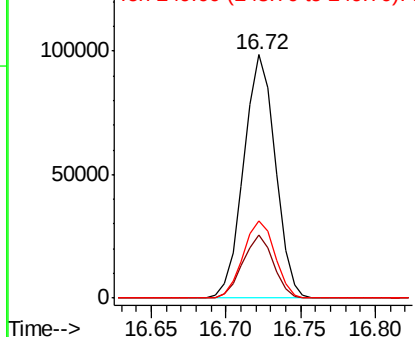


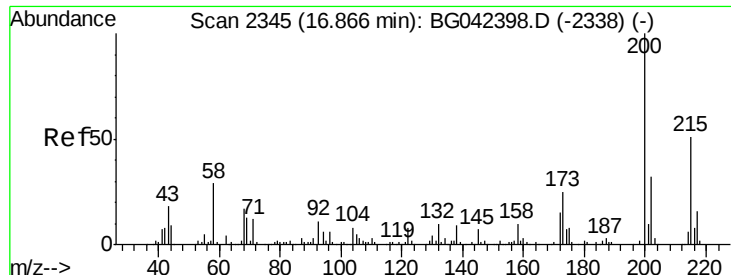
#68
 Hexachlorobenzene
 Concen: 39.976 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Tgt Ion:284 Resp: 144171
 Ion Ratio Lower Upper
 284 100
 142 25.7 18.2 27.4
 249 31.9 25.0 37.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

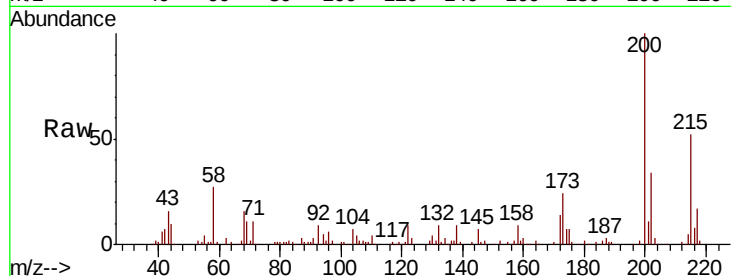




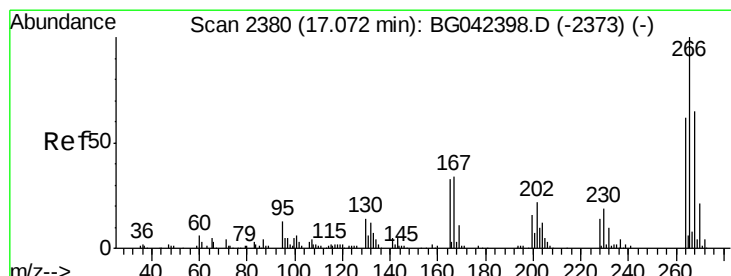
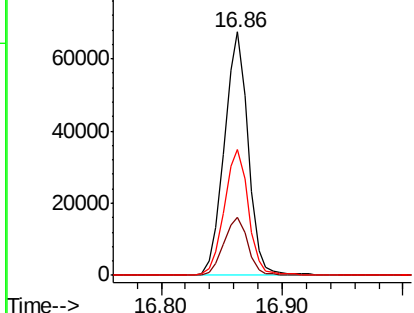
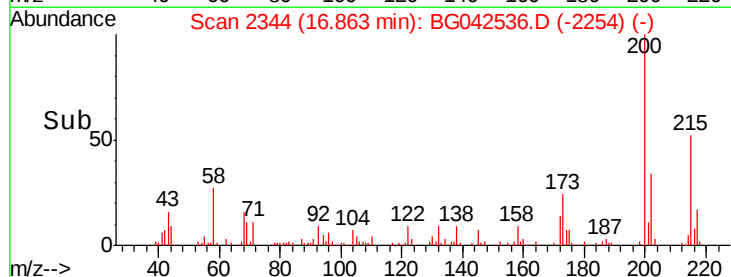
#69
 Atrazine
 Concen: 36.351 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.00 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 92460
 Ion Ratio Lower Upper
 200 100
 173 23.6 4.9 44.9
 215 51.6 30.7 70.7

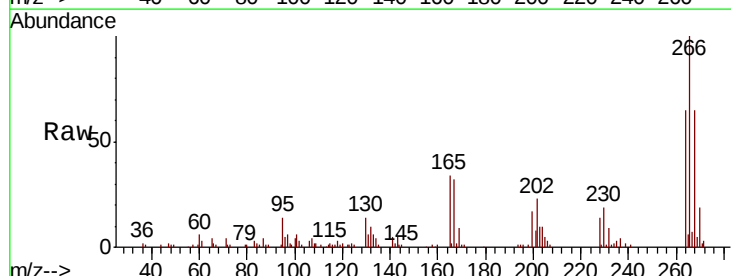


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

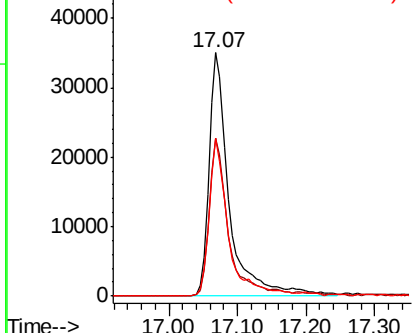
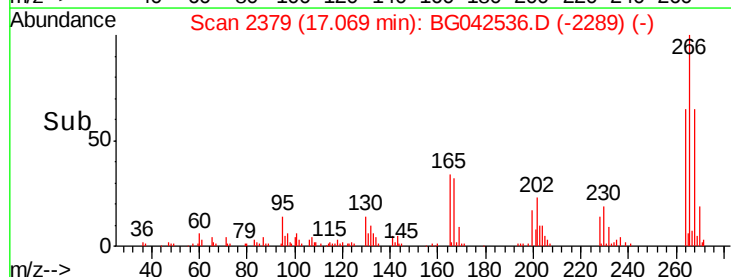


#70
 Pentachlorophenol
 Concen: 38.154 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.00 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Tgt Ion:266 Resp: 71494
 Ion Ratio Lower Upper
 266 100
 268 70.1 52.1 78.1
 264 64.7 49.4 74.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

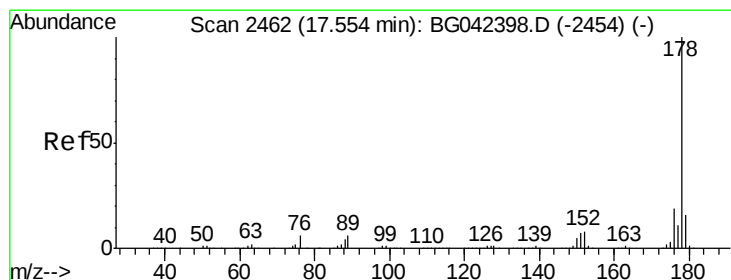
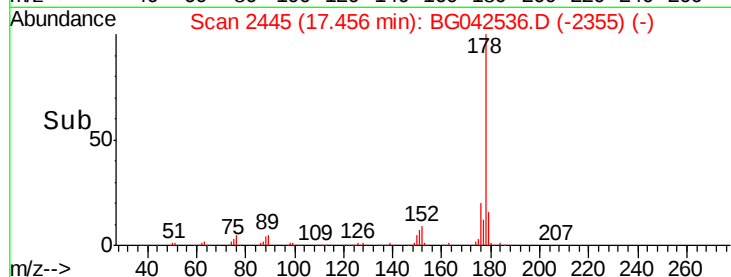
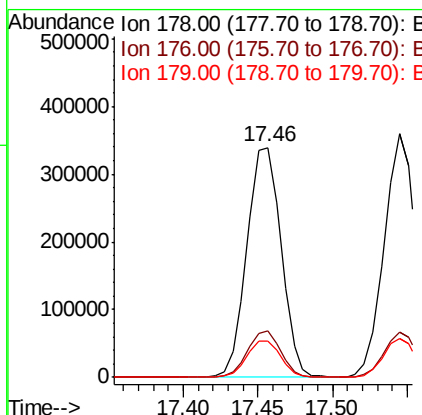
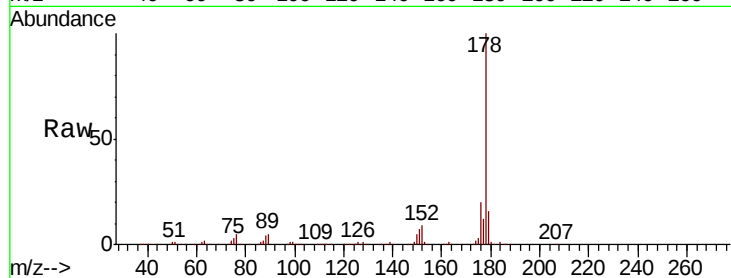




#71
Phenanthrene
Concen: 41.375 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

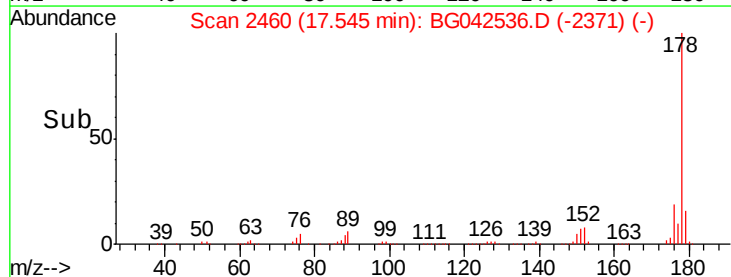
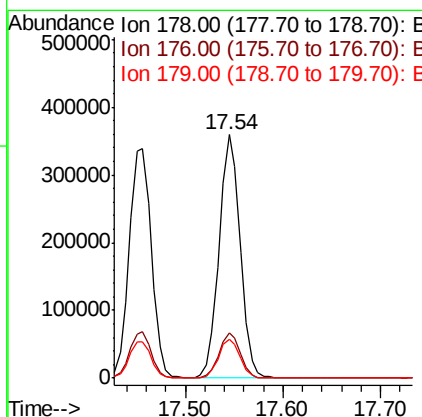
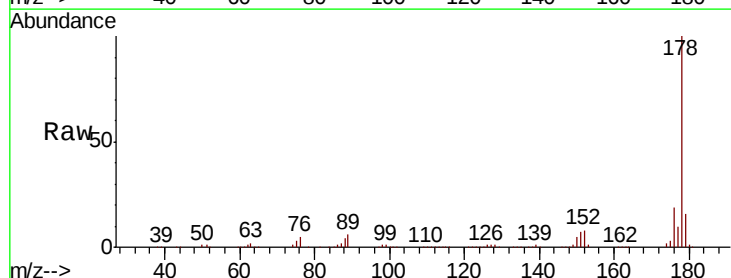
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.9	23.9
179	15.9	12.7	19.1



#72
Anthracene
Concen: 41.528 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.8	12.9	19.3

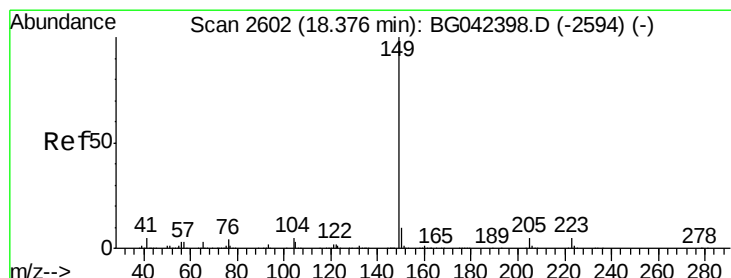
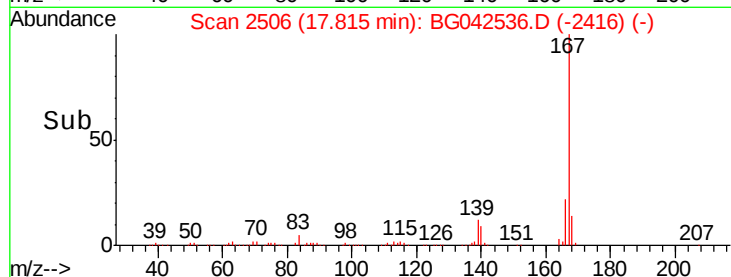
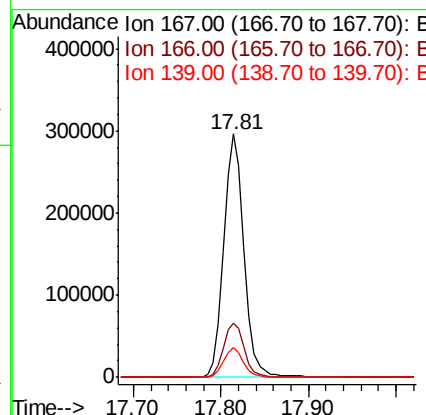
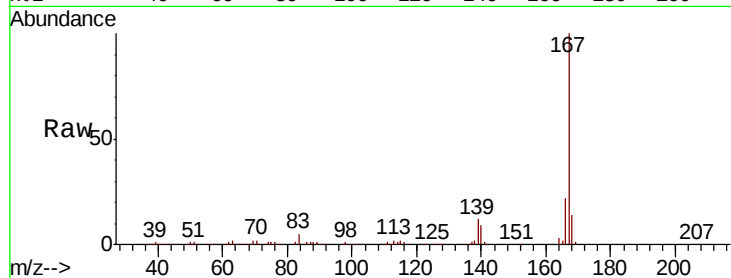




#73
 Carbazole
 Concen: 41.079 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

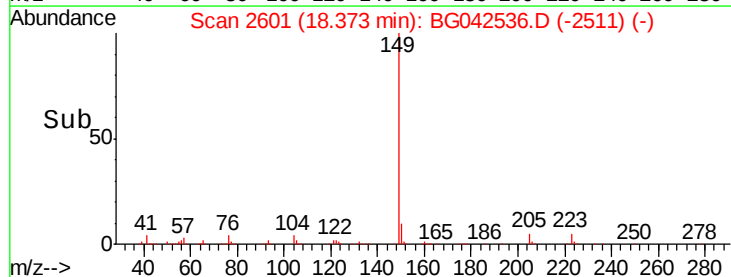
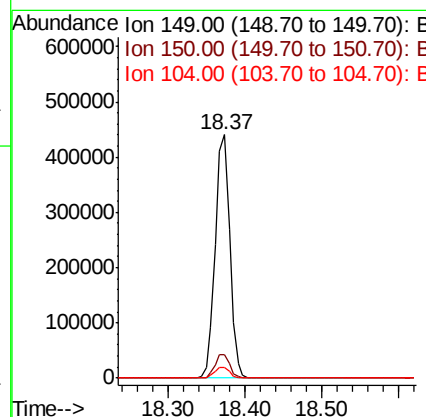
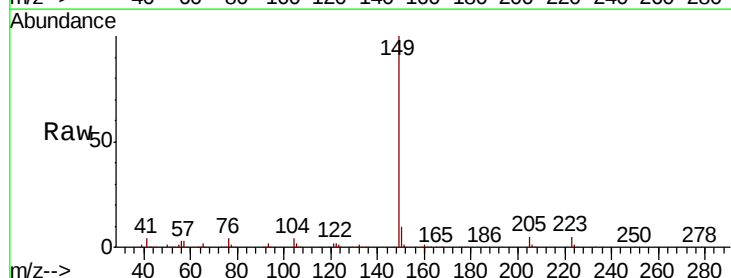
Instrument :
 BNA_G
 ClientSampleId :

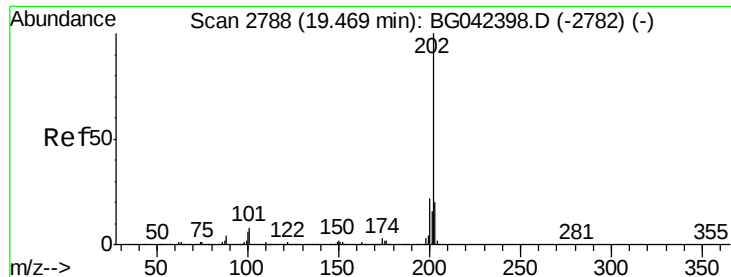
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.9	28.3
139	12.1	9.8	14.6



#74
 Di-n-butylphthalate
 Concen: 41.716 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	4.4	3.7	5.5





#75

Fluoranthene

Concen: 43.312 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Instrument :

BNA_G

ClientSampleId :

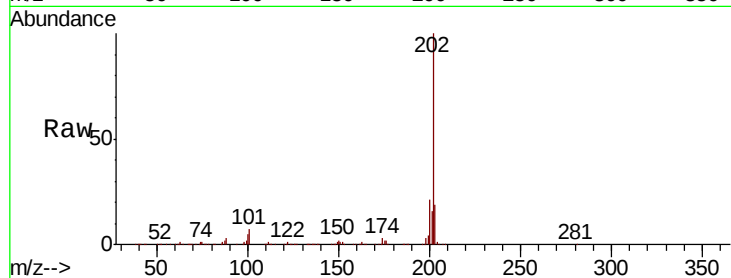
Tot Ion:202 Resp: 686719

Ion Ratio Lower Upper

202 100

101 6.8 0.0 28.3

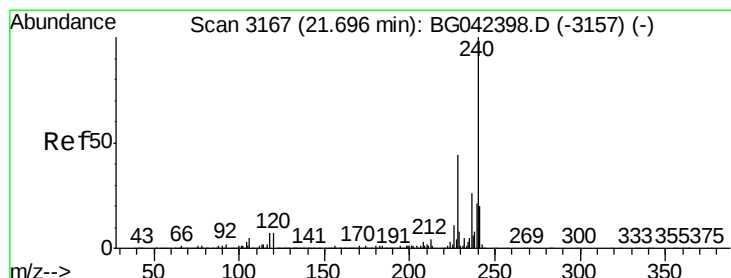
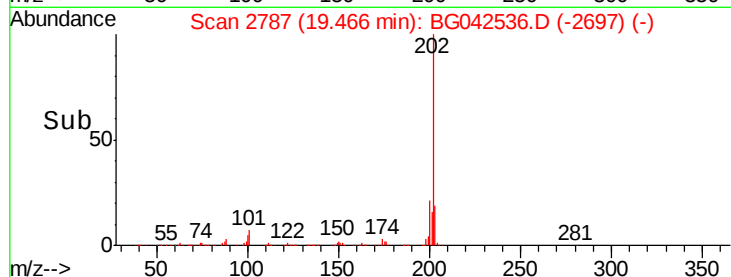
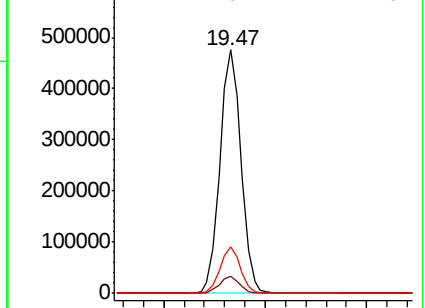
203 19.0 0.0 39.6



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# 3165

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

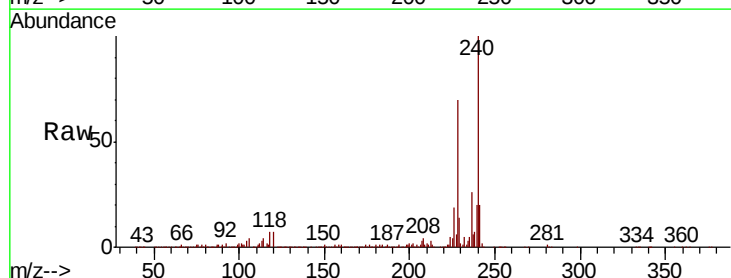
Tgt Ion:240 Resp: 265969

Ion Ratio Lower Upper

240 100

120 6.6 5.7 8.5

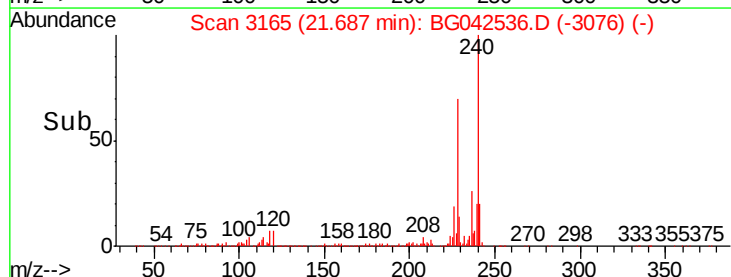
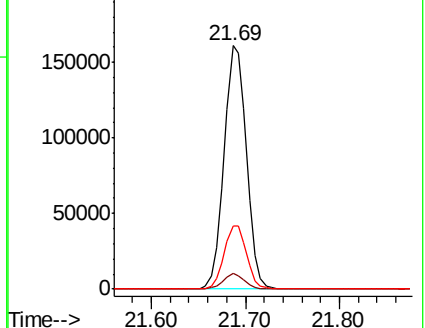
236 25.7 21.0 31.4

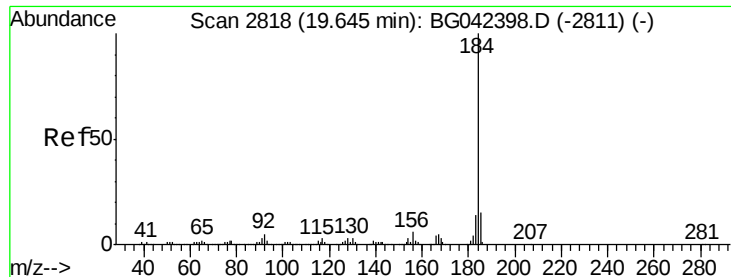


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.653 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

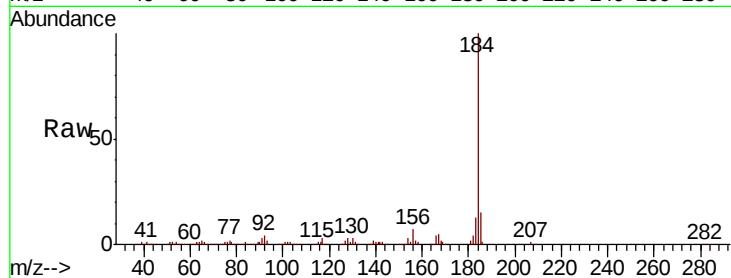
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 279497

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.4
183	12.9	10.8	16.2

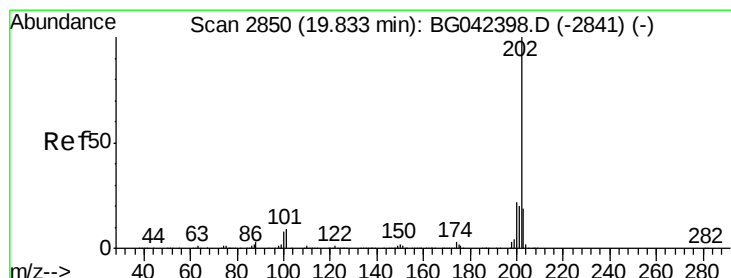
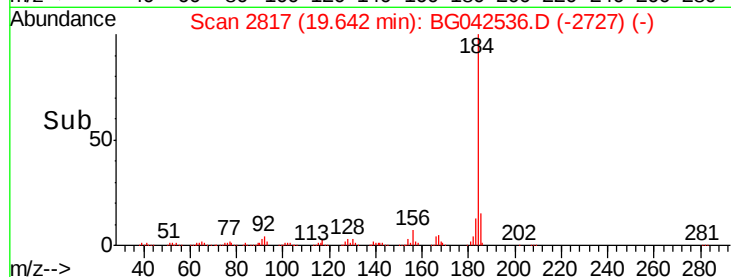
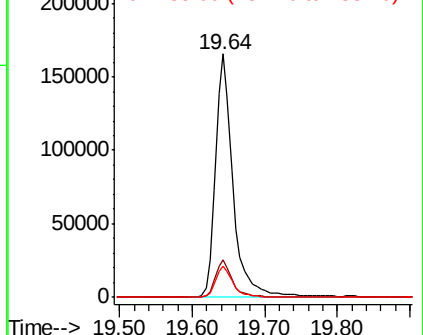


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.302 ng

RT: 19.83 min Scan# 2849

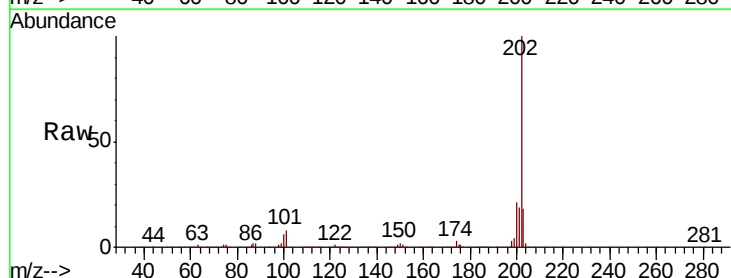
Delta R.T. -0.00 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Tgt Ion:202 Resp: 689794

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.6
203	18.2	15.5	23.3

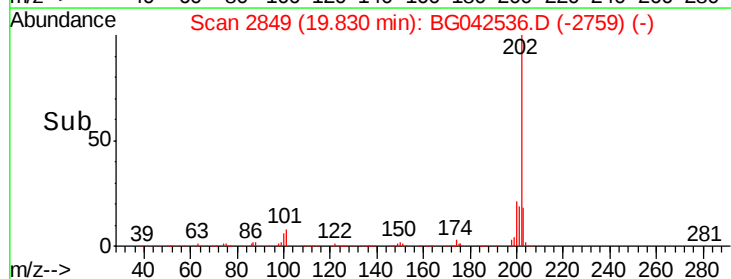
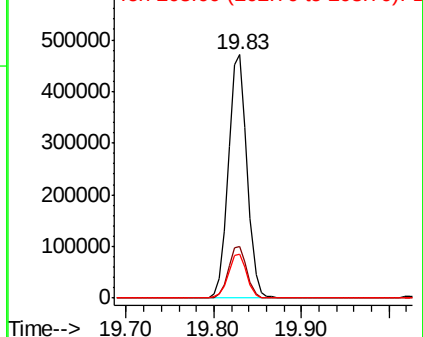


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.432 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Instrument :

BNA_G

ClientSampled :

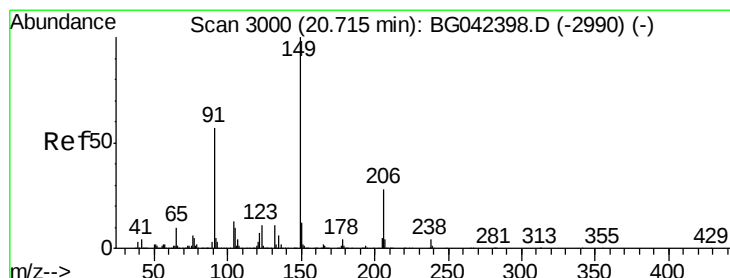
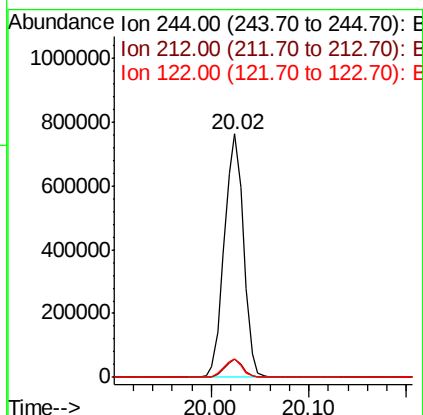
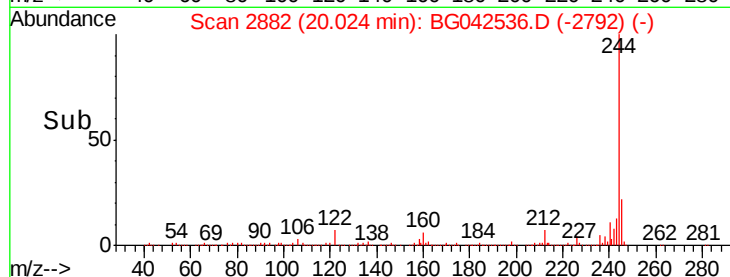
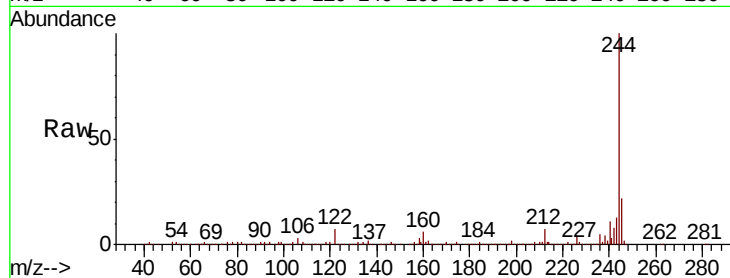
Tot Ion:244 Resp: 1038723

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 7.4 6.7 10.1



#80

Butylbenzylphthalate

Concen: 40.657 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

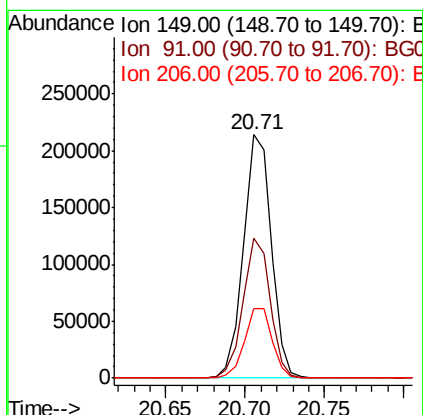
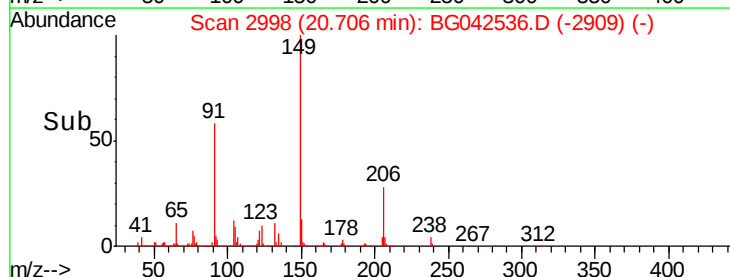
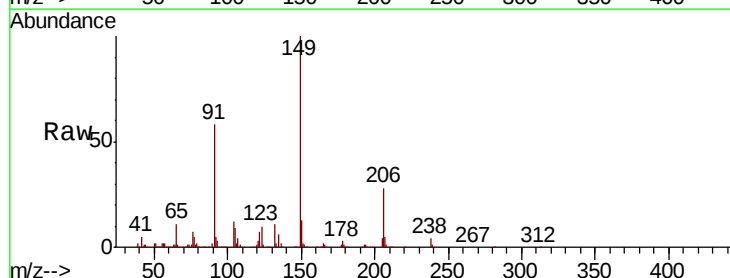
Tgt Ion:149 Resp: 260763

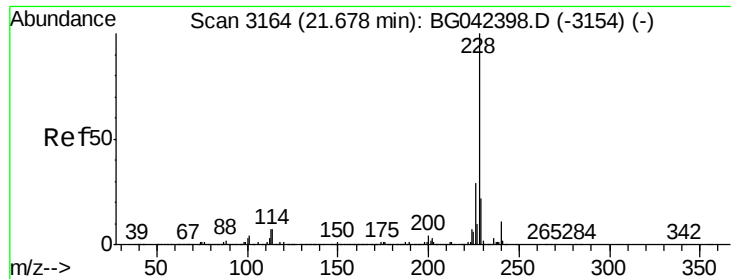
Ion Ratio Lower Upper

149 100

91 57.6 45.9 68.9

206 28.3 22.5 33.7





#81

Benzo(a)anthracene

Concen: 41.952 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Instrument :

BNA_G

ClientSampled :

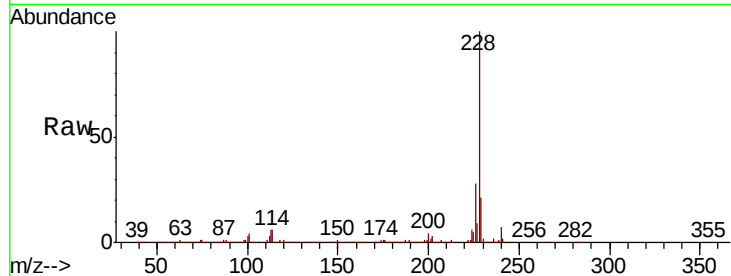
Tot Ion:228 Resp: 678763

Ion Ratio Lower Upper

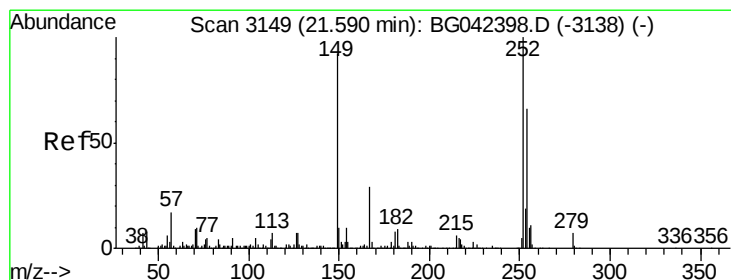
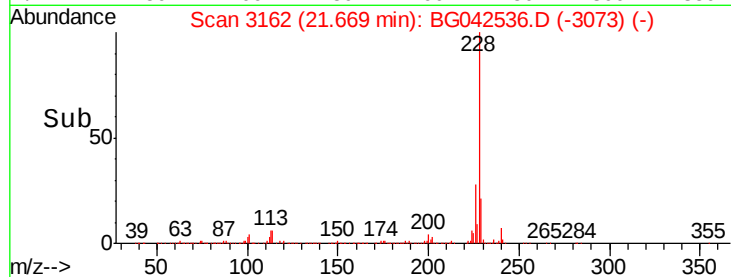
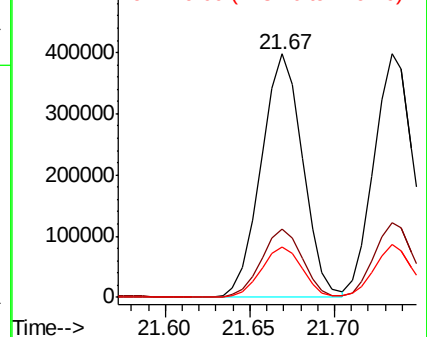
228 100

226 28.0 23.4 35.2

229 20.7 17.4 26.2



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



#82

3,3'-Dichlorobenzidine

Concen: 39.784 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

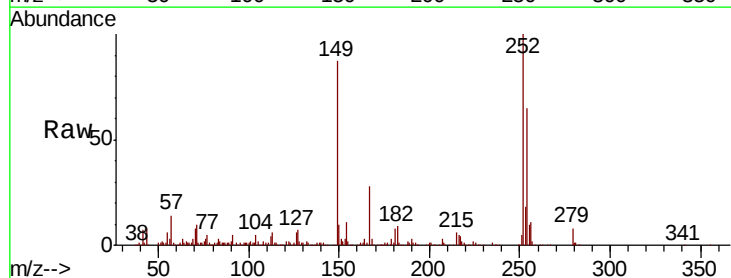
Tgt Ion:252 Resp: 258880

Ion Ratio Lower Upper

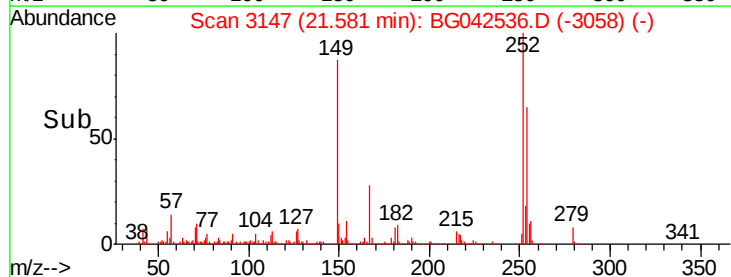
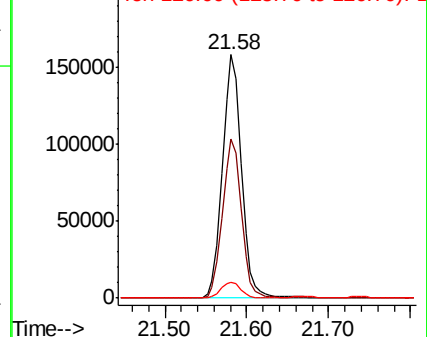
252 100

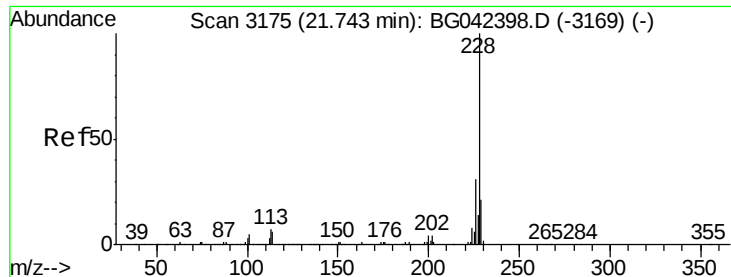
254 65.2 53.0 79.4

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

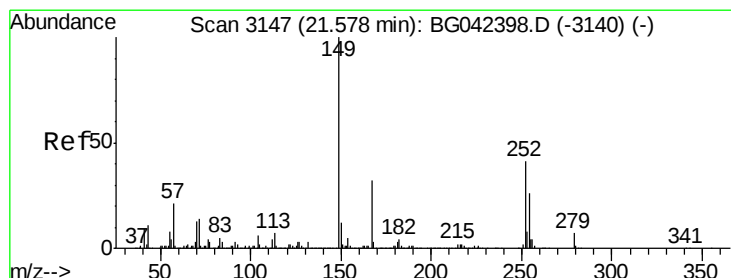
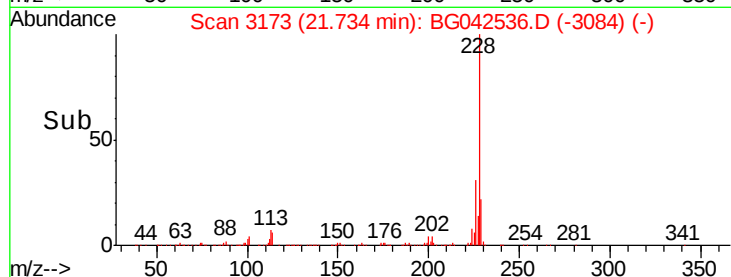
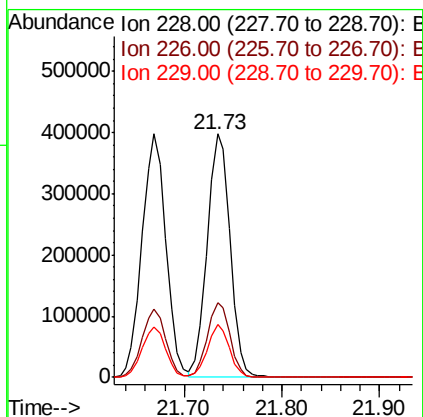
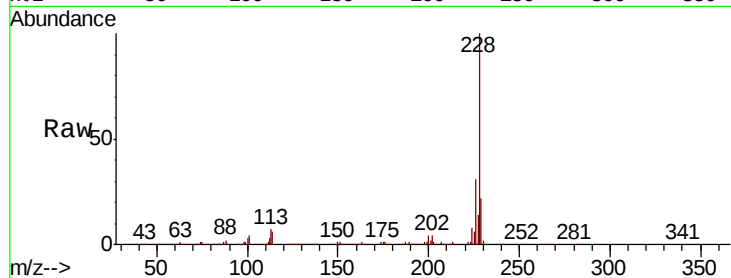




#83
 Chrysene
 Concen: 41.334 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

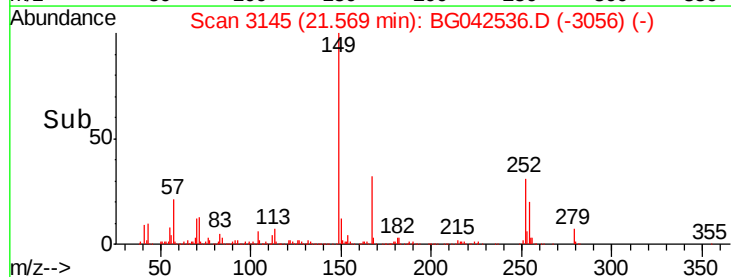
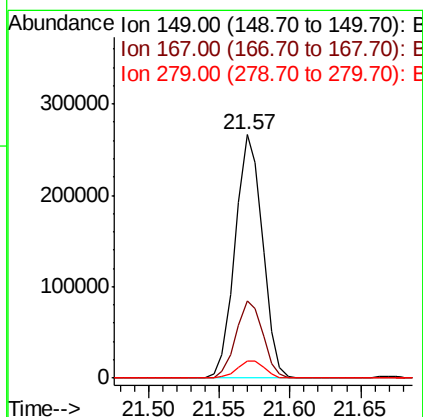
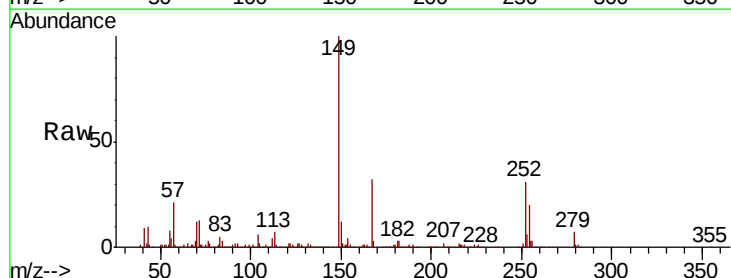
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:228 Resp: 644954
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.9 37.3
 229 21.5 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.465 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042536.D
 Acq: 28 Aug 2019 17:21

Tgt Ion:149 Resp: 360338
 Ion Ratio Lower Upper
 149 100
 167 31.5 26.0 39.0
 279 7.0 5.4 8.0





#85

Di-n-octyl phthalate

Concen: 40.954 ng

RT: 22.79 min Scan# 3352

Delta R.T. -0.01 min

Lab File: BG042536.D

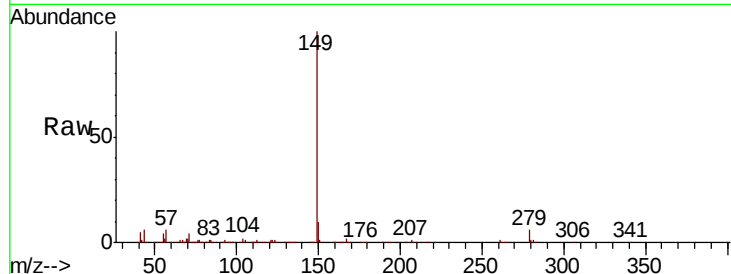
Acq: 28 Aug 2019 17:21

Instrument :

BNA_G

ClientSampleId :

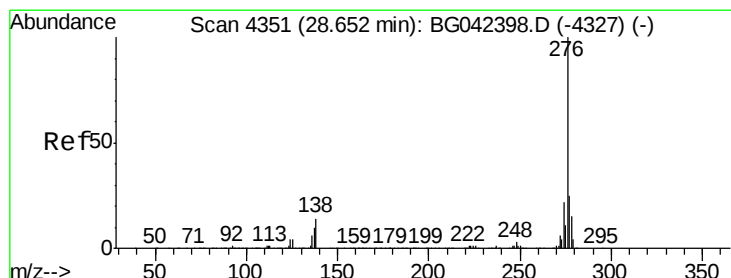
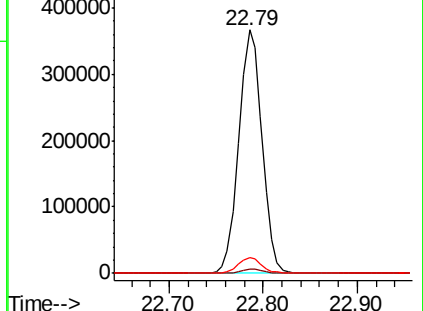
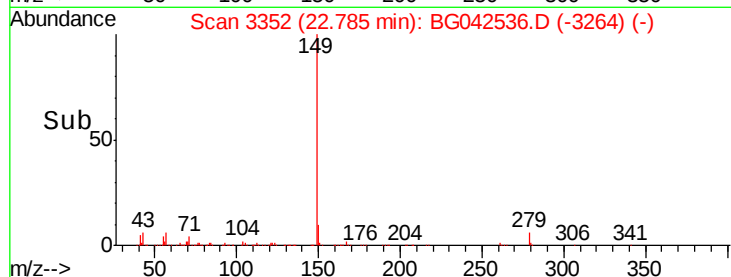
Tot Ion:149	Resp:	627247
Ion Ratio	Lower	Upper
149	100	
167	1.8	1.6 2.4
43	6.4	5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.180 ng

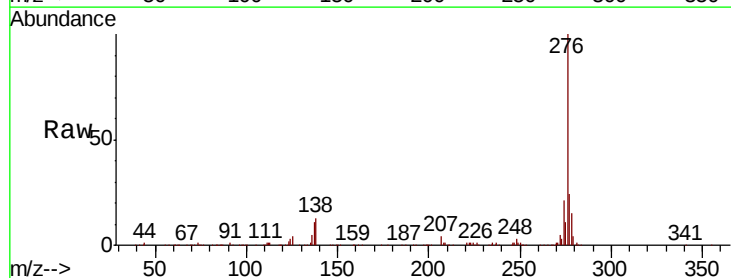
RT: 28.64 min Scan# 4348

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

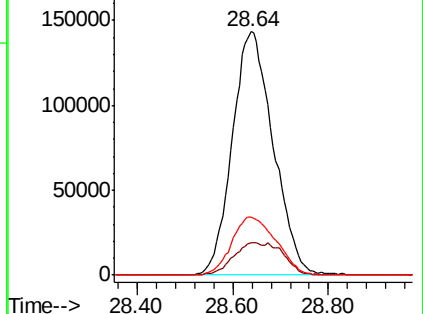
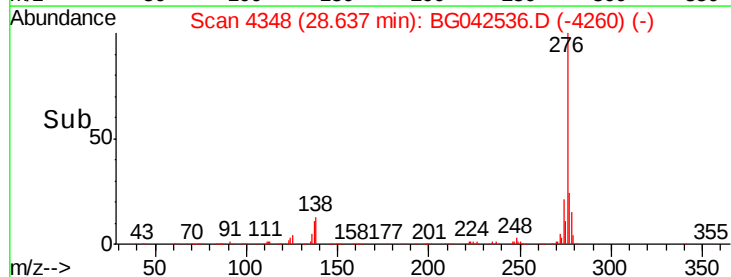
Tgt Ion:276	Resp:	852022
Ion Ratio	Lower	Upper
276	100	
138	9.2	9.2 13.8
277	25.8	21.0 31.6

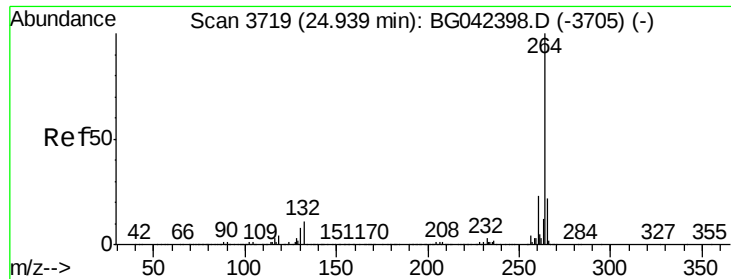


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

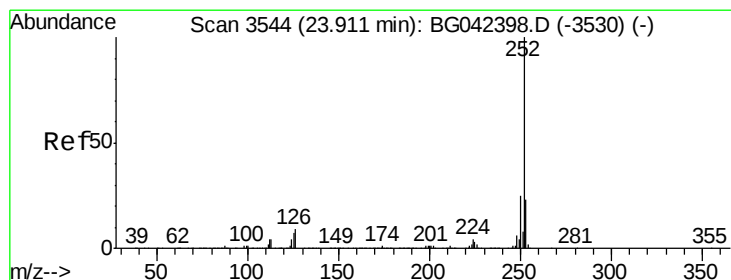
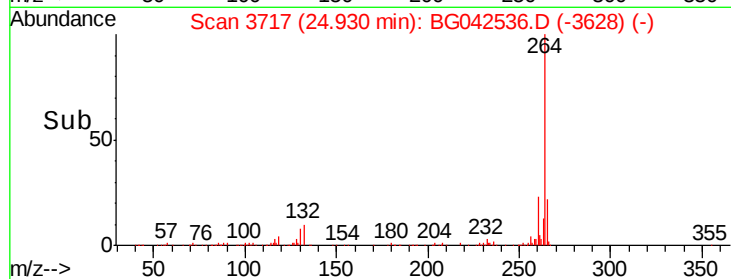
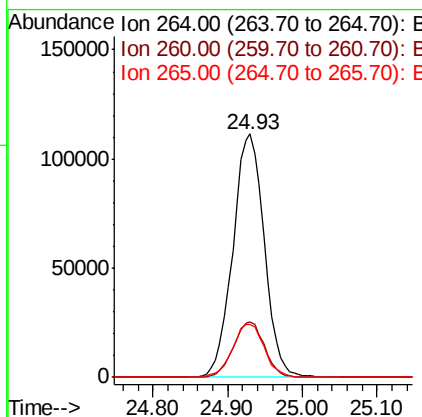
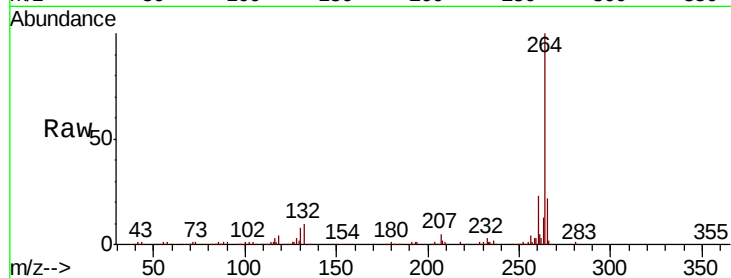




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

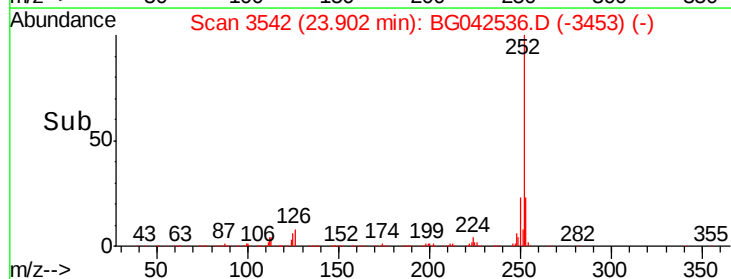
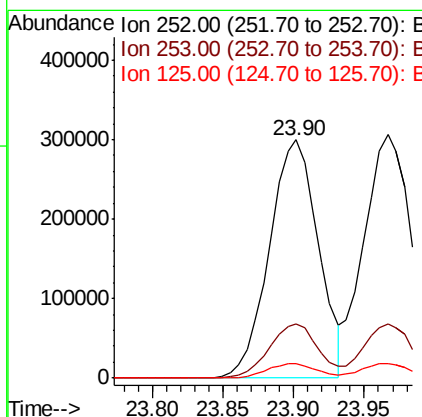
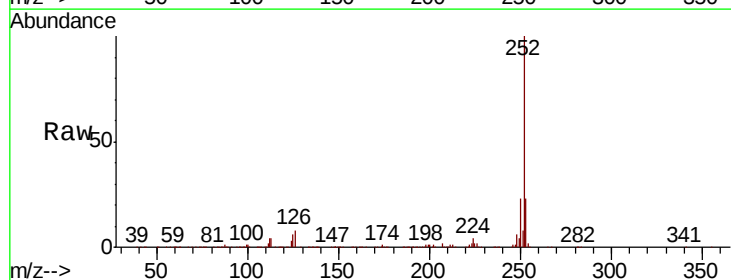
Instrument :
BNA_G
ClientSampled :

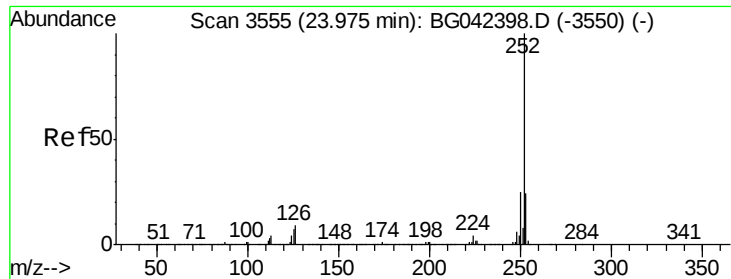
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.7	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 40.552 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042536.D
Acq: 28 Aug 2019 17:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	6.0	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 42.110 ng

RT: 23.97 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Instrument :

BNA_G

ClientSampleId :

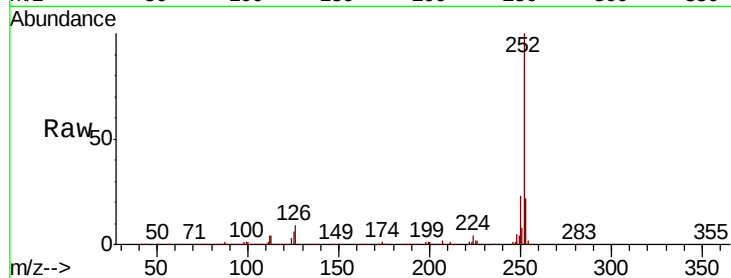
Tot Ion:252 Resp: 724650

Ion Ratio Lower Upper

252 100

253 22.4 18.6 27.8

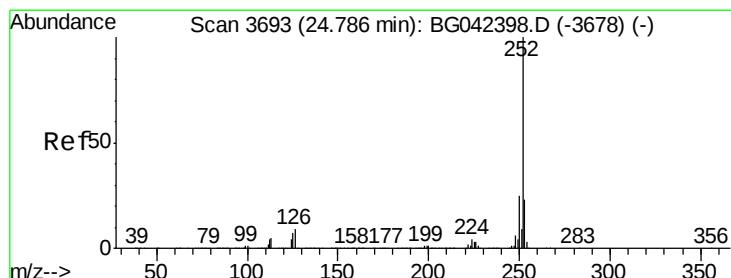
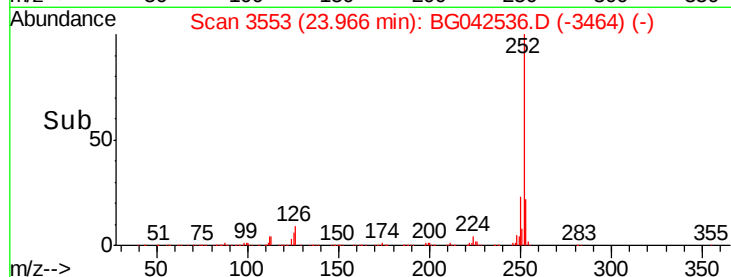
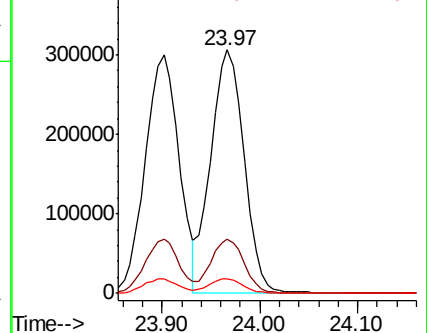
125 6.1 5.8 8.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.108 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

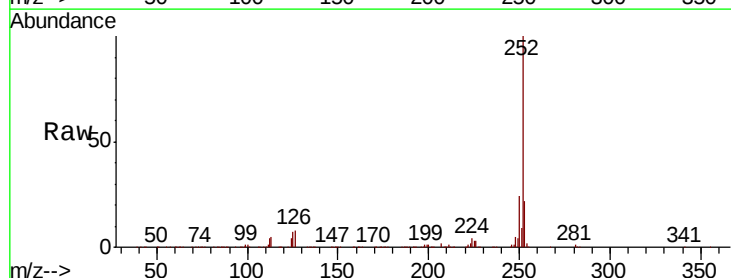
Tgt Ion:252 Resp: 698360

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

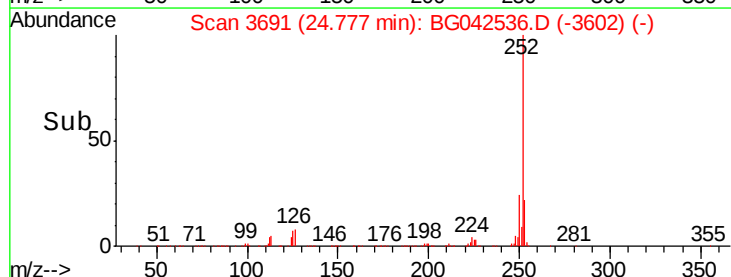
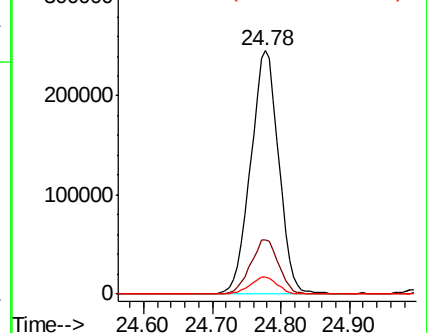
125 6.9 6.0 9.0

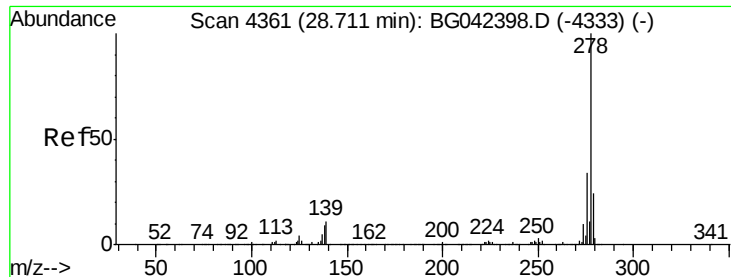


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.282 ng

RT: 28.70 min Scan# 4358

Delta R.T. -0.01 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

Instrument :

BNA_G

ClientSampleId :

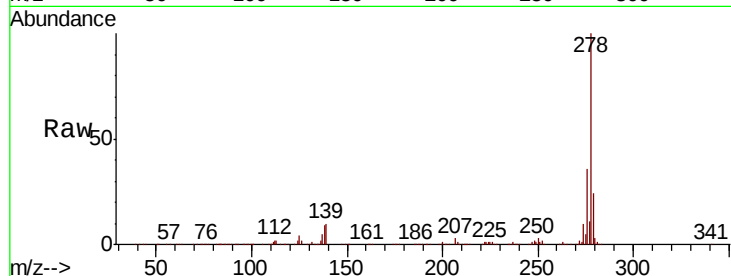
Tot Ion:278 Resp: 692875

Ion Ratio Lower Upper

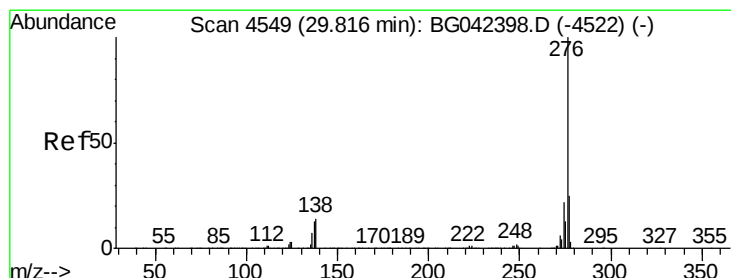
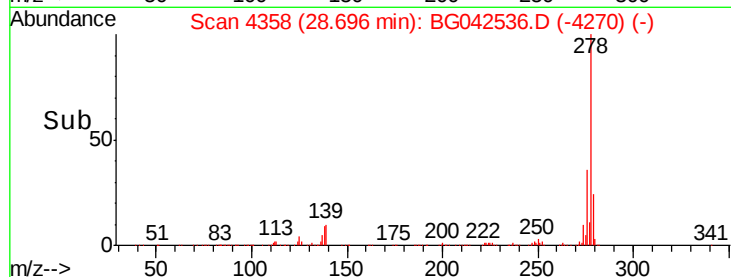
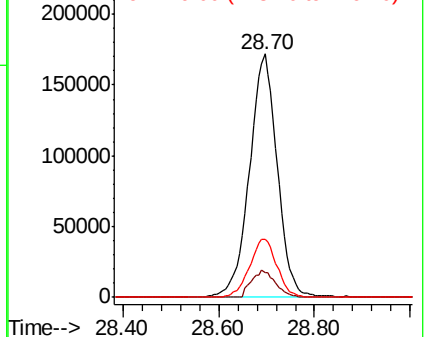
278 100

139 10.3 8.8 13.2

279 23.8 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.220 ng

RT: 29.79 min Scan# 4545

Delta R.T. -0.02 min

Lab File: BG042536.D

Acq: 28 Aug 2019 17:21

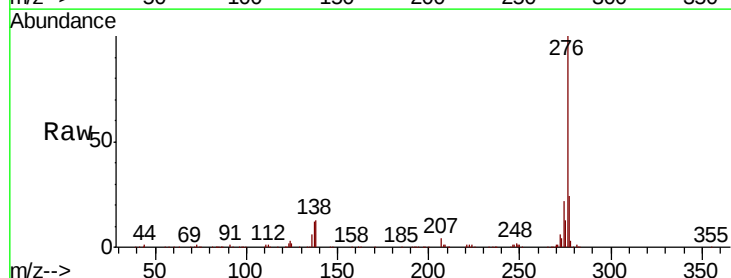
Tgt Ion:276 Resp: 691927

Ion Ratio Lower Upper

276 100

277 23.5 19.8 29.8

138 13.2 11.4 17.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

