

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042456.D
 Acq On : 24 Aug 2019 7:41
 Operator : HP/JU
 Sample : K4477-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 26 04:58:29 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	66237	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	253359	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	178383	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	386756	20.00	ng	0.00
76) Chrysene-d12	21.69	240	380706	20.00	ng	0.00
87) Perylene-d12	24.94	264	451573	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	458716	140.26	ng	0.00
7) Phenol-d6	7.17	99	623382	141.11	ng	0.00
23) Nitrobenzene-d5	9.17	82	355205	96.88	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	298248	117.63	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	885274	83.93	ng	0.00
79) Terphenyl-d14	20.02	244	1414876	80.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	49102	35.976	ng	94
3) Pyridine	3.82	79	122920	35.122	ng	97
4) n-Nitrosodimethylamine	3.74	42	52443	41.955	ng	94
6) Aniline	7.32	93	169392	28.748	ng	97
8) 2-Chlorophenol	7.57	128	170700	43.067	ng	96
9) Benzaldehyde	7.13	77	62286	28.162	ng	94
10) Phenol	7.20	94	205870	45.834	ng	99
11) bis(2-Chloroethyl)ether	7.41	93	146030	41.397	ng	99
12) 1,3-Dichlorobenzene	7.89	146	193254	38.327	ng	98
13) 1,4-Dichlorobenzene	8.04	146	196961	38.564	ng	95
14) 1,2-Dichlorobenzene	8.36	146	185472	37.920	ng	98
15) Benzyl Alcohol	8.24	79	128847	40.540	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.54	45	201989	42.246	ng	97
17) 2-Methylphenol	8.45	107	139567	42.186	ng	95
18) Hexachloroethane	9.09	117	64174	36.703	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	112781	39.406	ng	97
20) 3+4-Methylphenols	8.78	107	190685	41.653	ng	99
22) Acetophenone	8.83	105	236372	43.620	ng	# 99
24) Nitrobenzene	9.21	77	165494	44.575	ng	99
25) Isophorone	9.74	82	307477	42.495	ng	98
26) 2-Nitrophenol	9.93	139	99292	42.677	ng	98
27) 2,4-Dimethylphenol	9.99	122	159143	49.656	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	196424	43.071	ng	99
29) 2,4-Dichlorophenol	10.48	162	183503	43.762	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	204285	39.691	ng	99
31) Naphthalene	10.88	128	513247	43.633	ng	99
32) Benzoic acid	10.15	122	86855	39.155	ng	98
33) 4-Chloroaniline	10.99	127	130694	24.069	ng	98
34) Hexachlorobutadiene	11.16	225	131530	38.025	ng	99
35) Caprolactam	11.75	113	33118	23.670	ng	98
36) 4-Chloro-3-methylphenol	12.11	107	173955	43.701	ng	99
37) 2-Methylnaphthalene	12.49	142	400925	42.448	ng	99
38) 1-Methylnaphthalene	12.70	142	375130	41.813	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	245263	42.814	ng	99

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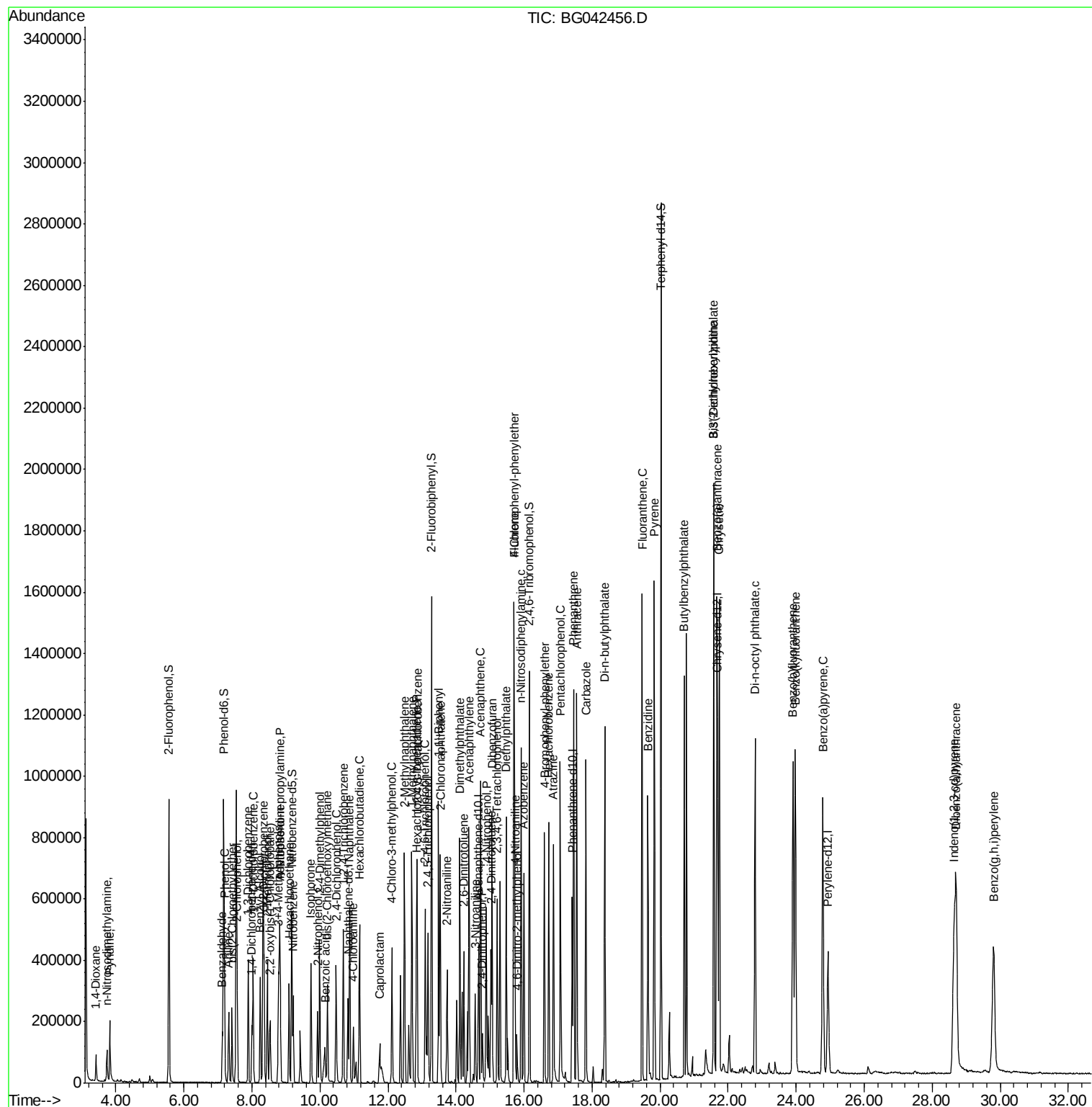
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	122066	40.565	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	163904	42.329	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	171705	42.791	ng	97
46) 1,1'-Biphenyl	13.49	154	510138	44.241	ng	98
47) 2-Chloronaphthalene	13.54	162	417247	41.965	ng	97
48) 2-Nitroaniline	13.74	65	104795	43.708	ng	100
49) Acenaphthylene	14.38	152	661083	44.195	ng	99
50) Dimethylphthalate	14.11	163	587932	45.679	ng	99
51) 2,6-Dinitrotoluene	14.23	165	122990	41.225	ng	99
52) Acenaphthene	14.72	154	386997	42.607	ng	99
53) 3-Nitroaniline	14.57	138	96760	32.430	ng	95
54) 2,4-Dinitrophenol	14.78	184	58769	33.197	ng	95
55) Dibenzofuran	15.06	168	645619	42.942	ng	98
56) 4-Nitrophenol	14.89	139	218980	103.286	ng	99
57) 2,4-Dinitrotoluene	15.03	165	174029	40.736	ng	99
58) Fluorene	15.71	166	516071	41.991	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	160613	40.476	ng	97
60) Diethylphthalate	15.48	149	509851	40.522	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	292962	39.543	ng	97
62) 4-Nitroaniline	15.73	138	116160	36.376	ng	99
63) Azobenzene	15.99	77	394154	45.717	ng	95
65) 4,6-Dinitro-2-methylphenol	15.79	198	54359	22.418	ng	95
66) n-Nitrosodiphenylamine	15.92	169	475770	44.732	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	199629	40.693	ng	99
68) Hexachlorobenzene	16.73	284	207792	38.964	ng	95
69) Atrazine	16.87	200	176947	47.045	ng	96
70) Pentachlorophenol	17.07	266	249053	89.882	ng	97
71) Phenanthrene	17.46	178	849393	44.214	ng	99
72) Anthracene	17.55	178	873173	45.530	ng	98
73) Carbazole	17.82	167	768210	44.945	ng	99
74) Di-n-butylphthalate	18.37	149	893933	44.244	ng	99
75) Fluoranthene	19.47	202	1050808	44.819	ng	99
77) Benzidine	19.64	184	638640	58.510	ng	99
78) Pyrene	19.83	202	1047099	44.861	ng	98
80) Butylbenzylphthalate	20.71	149	416563	45.375	ng	98
81) Benzo(a)anthracene	21.67	228	997775	43.084	ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	335745	36.047	ng	# 99
83) Chrysene	21.74	228	979158	43.840	ng	97
84) Bis(2-ethylhexyl)phthalate	21.57	149	581612	45.629	ng	98
85) Di-n-octyl phthalate	22.79	149	1002349	45.721	ng	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1217601	40.115	ng	99
88) Benzo(b)fluoranthene	23.91	252	1109315	44.684	ng	99
89) Benzo(k)fluoranthene	23.97	252	1048334	43.932	ng	99
90) Benzo(a)pyrene	24.78	252	1079765	45.835	ng	99
91) Dibenzo(a,h)anthracene	28.71	278	1012875	42.465	ng	98
92) Benzo(g,h,i)perylene	29.81	276	961081	40.287	ng	98

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

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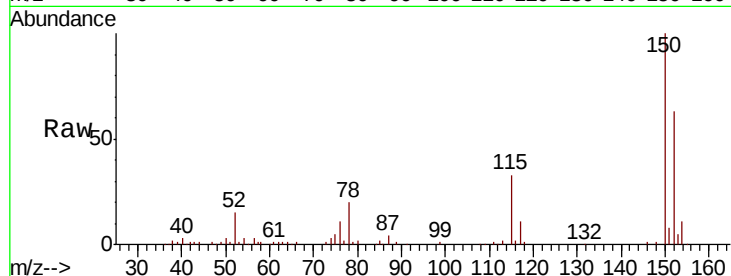


#1

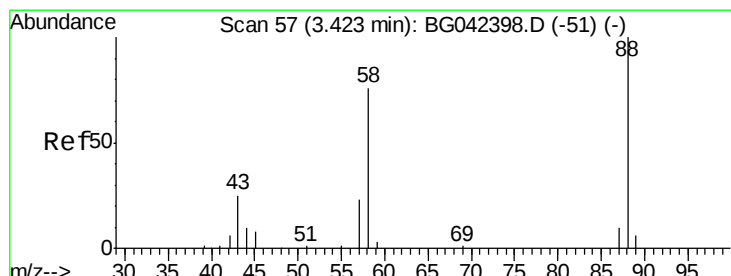
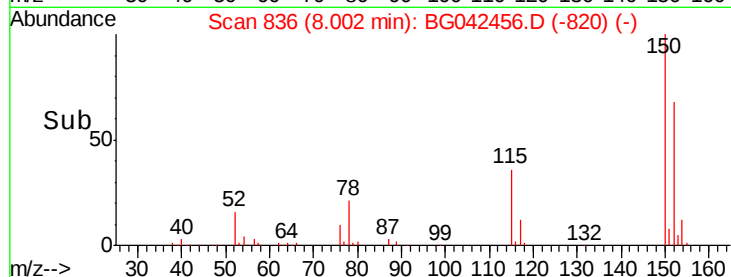
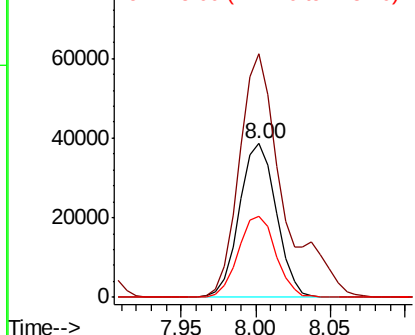
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 66237
Ion Ratio Lower Upper
152 100
150 158.3 125.4 188.0
115 52.9 38.5 57.7



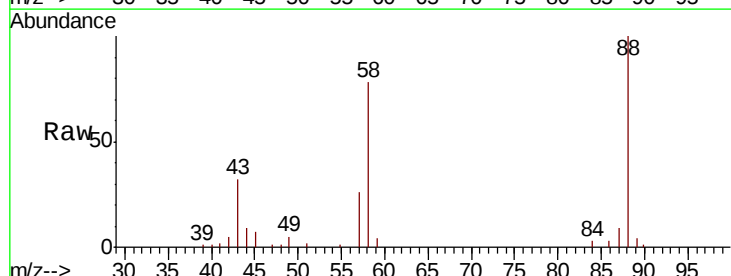
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



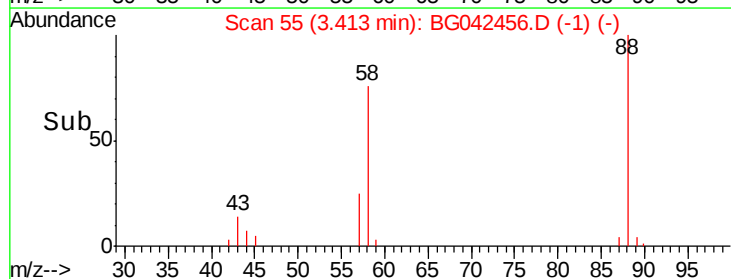
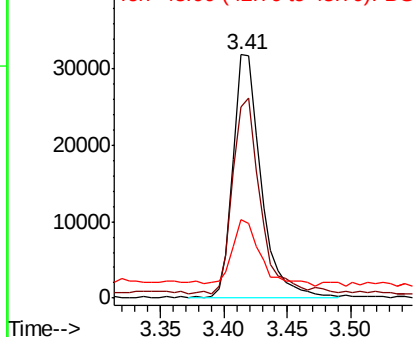
#2

1,4-Dioxane
Concen: 35.976 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion: 88 Resp: 49102
Ion Ratio Lower Upper
88 100
58 78.3 58.3 87.5
43 27.2 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: 35.122 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

ClientSampleId :

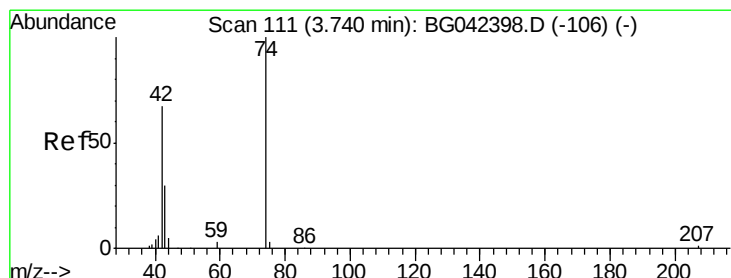
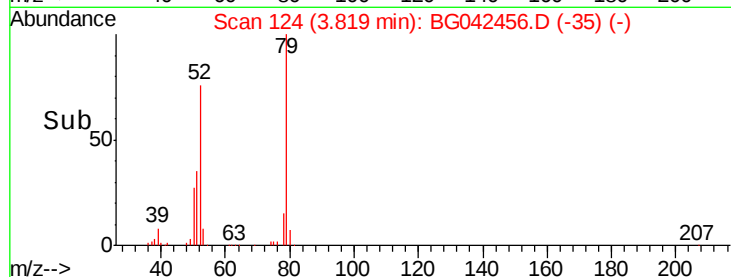
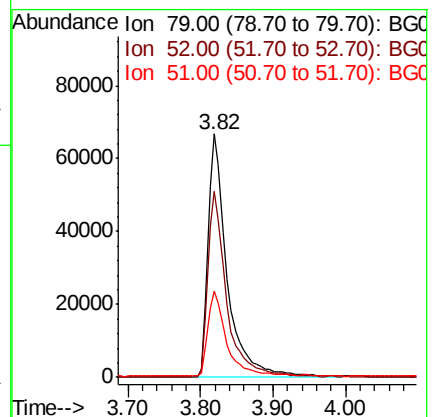
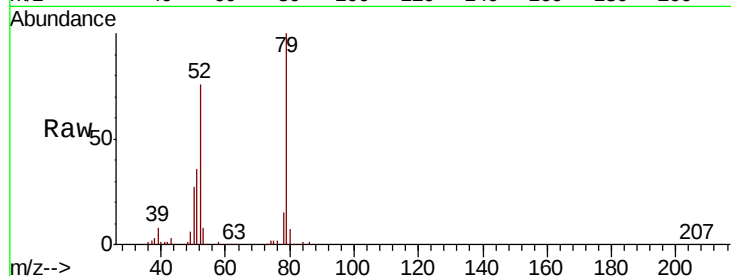
Tot Ion: 79 Resp: 122920

Ion Ratio Lower Upper

79 100

52 76.2 57.7 86.5

51 35.7 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 41.955 ng

RT: 3.74 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

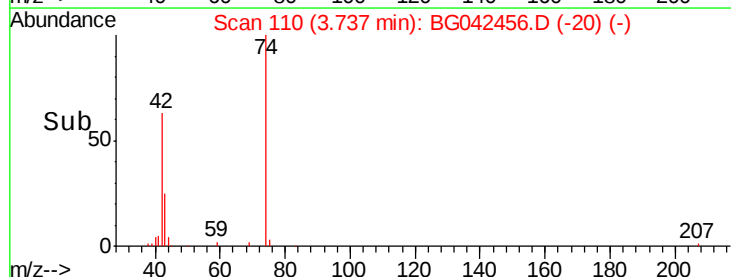
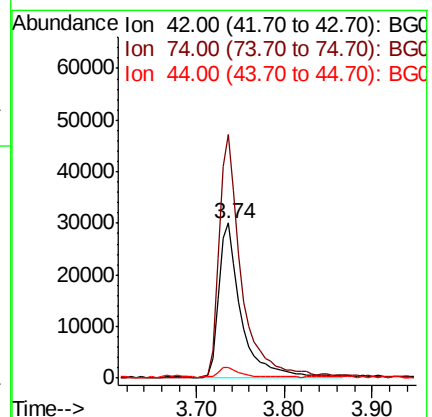
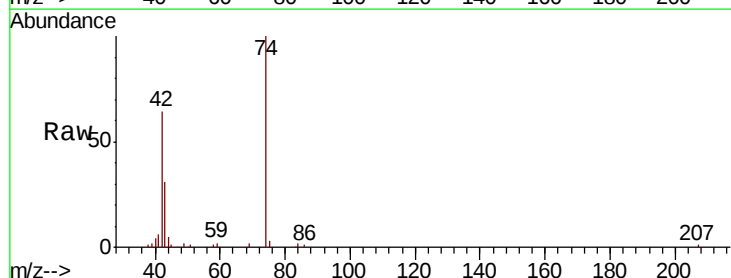
Tgt Ion: 42 Resp: 52443

Ion Ratio Lower Upper

42 100

74 157.3 119.6 179.4

44 7.2 6.5 9.7





#5

2-Fluorophenol

Concen: 140.259 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

ClientSampled :

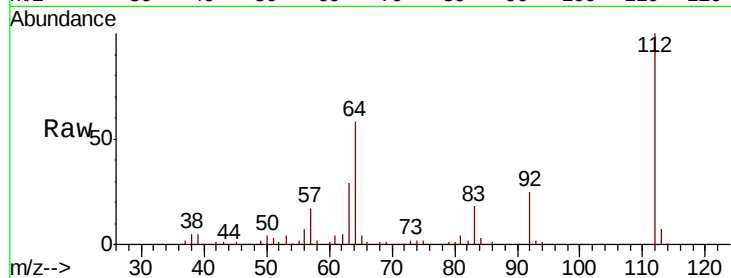
Tot Ion:112 Resp: 458716

Ion Ratio Lower Upper

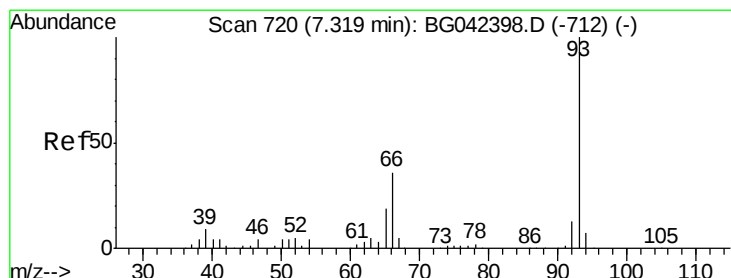
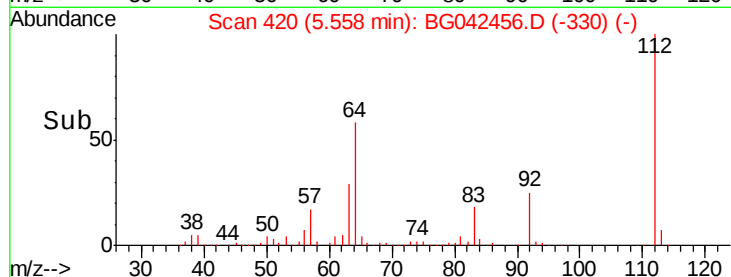
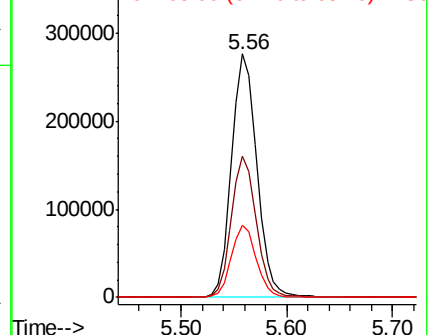
112 100

64 58.0 42.8 64.2

63 29.4 22.7 34.1



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



#6

Aniline

Concen: 28.748 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

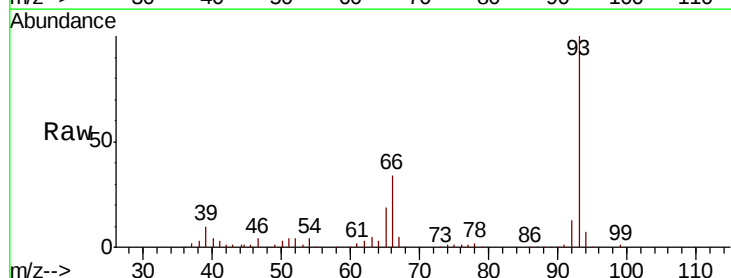
Tgt Ion: 93 Resp: 169392

Ion Ratio Lower Upper

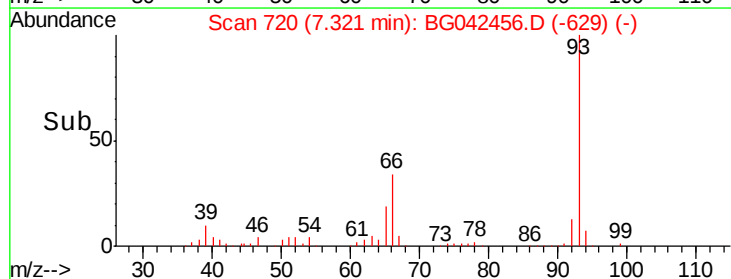
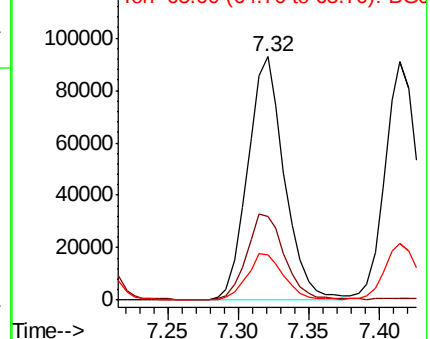
93 100

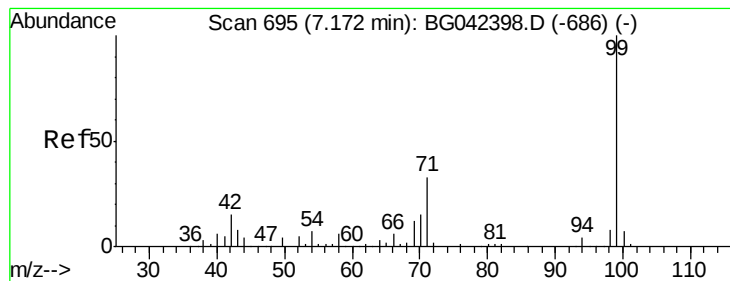
66 34.1 29.0 43.6

65 18.8 15.2 22.8



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





#7

Phenol-d6

Concen: 141.110 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

ClientSampleId :

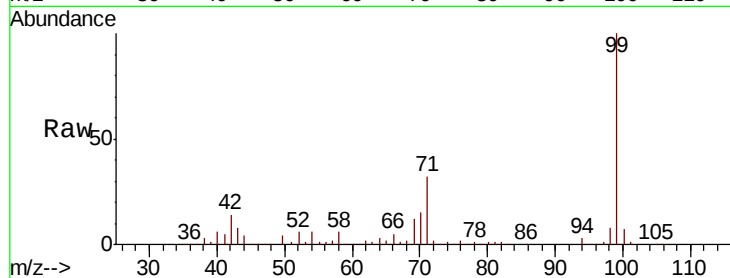
Tot Ion: 99 Resp: 623382

Ion Ratio Lower Upper

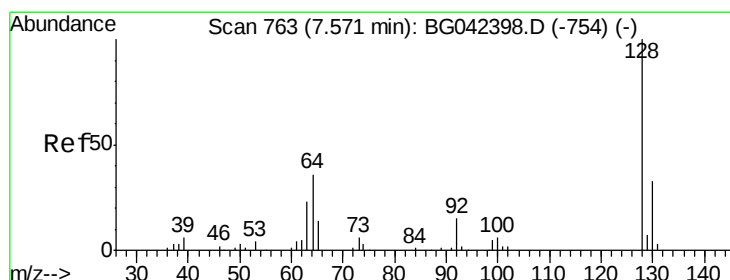
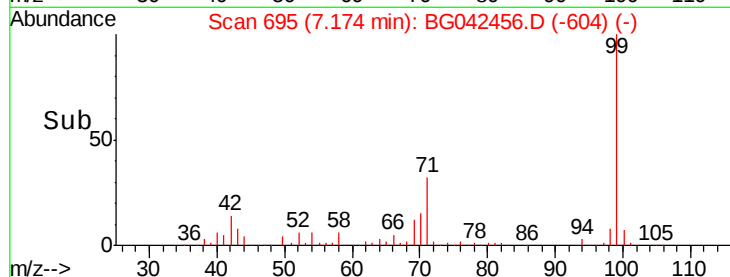
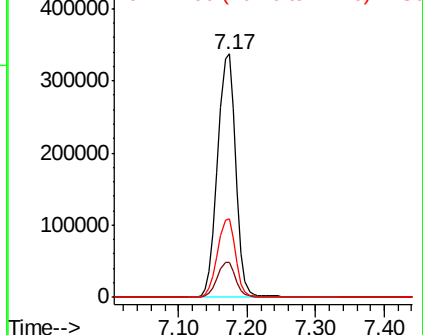
99 100

42 14.5 12.0 18.0

71 32.5 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: 43.067 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

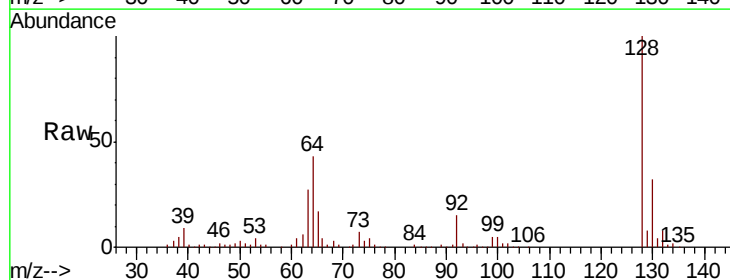
Tgt Ion: 128 Resp: 170700

Ion Ratio Lower Upper

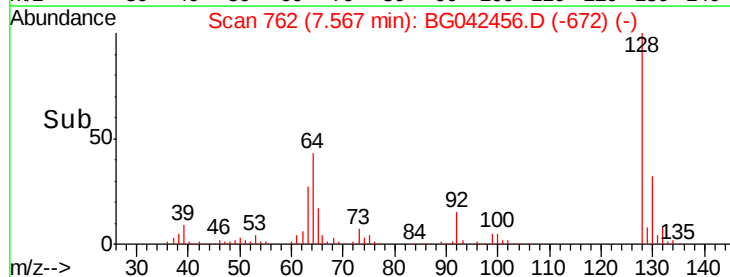
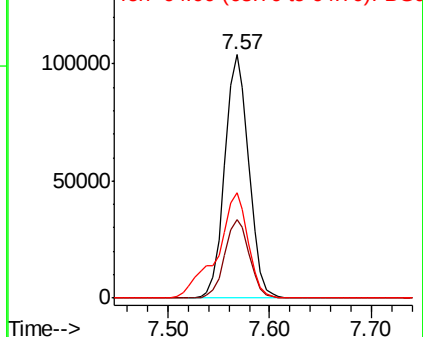
128 100

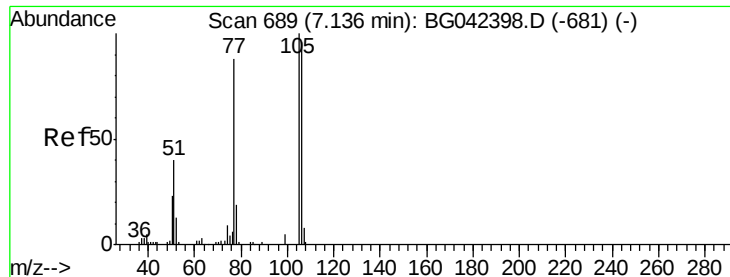
130 32.3 12.8 52.8

64 43.3 19.2 59.2



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





#9

Benzaldehyde

Concen: 28.162 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

ClientSampled :

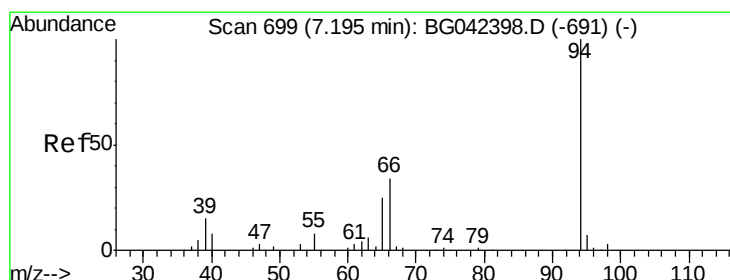
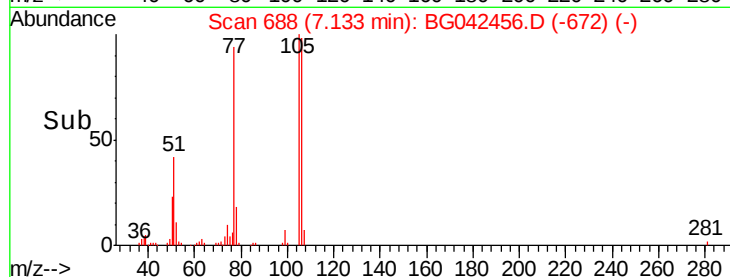
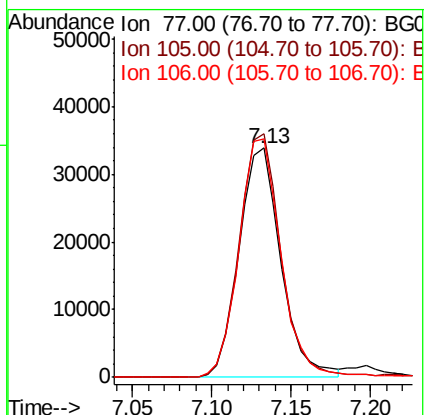
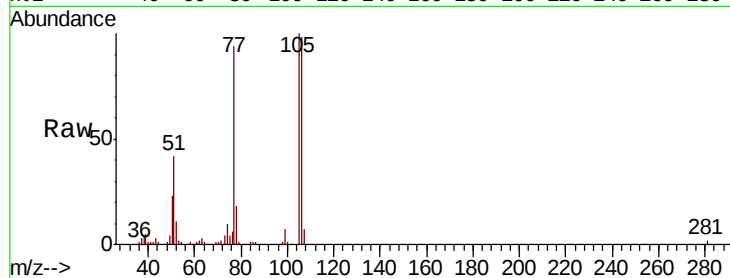
Tot Ion: 77 Resp: 62286

Ion Ratio Lower Upper

77 100

105 106.1 93.4 133.4

106 103.9 88.4 128.4



#10

Phenol

Concen: 45.834 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

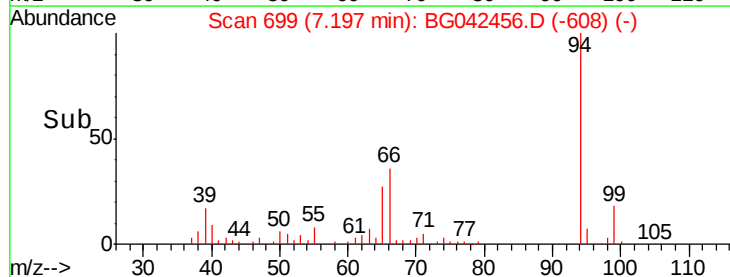
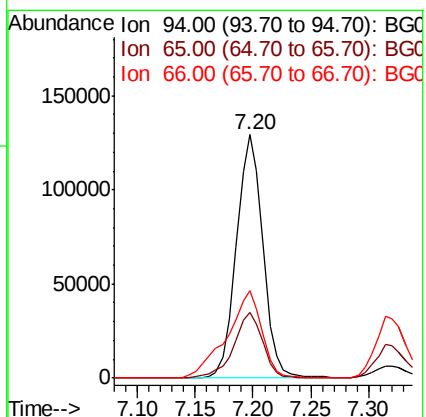
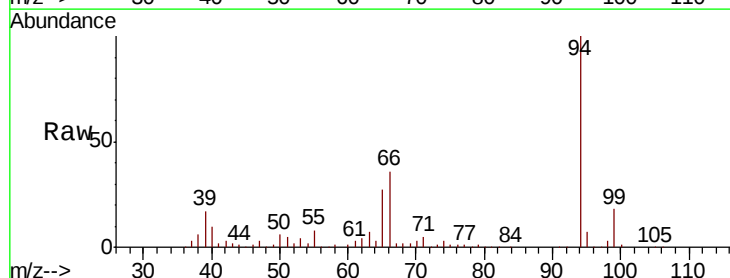
Tgt Ion: 94 Resp: 205870

Ion Ratio Lower Upper

94 100

65 27.2 5.6 45.6

66 35.9 16.0 56.0

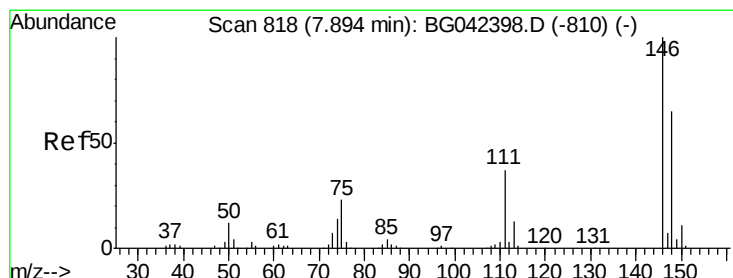
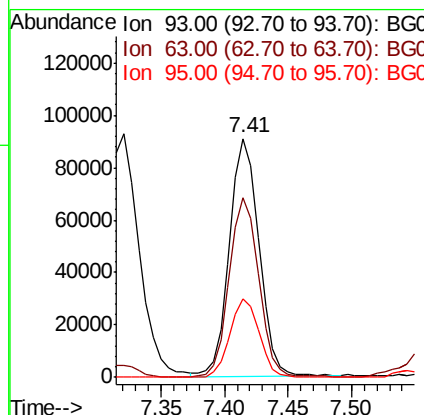
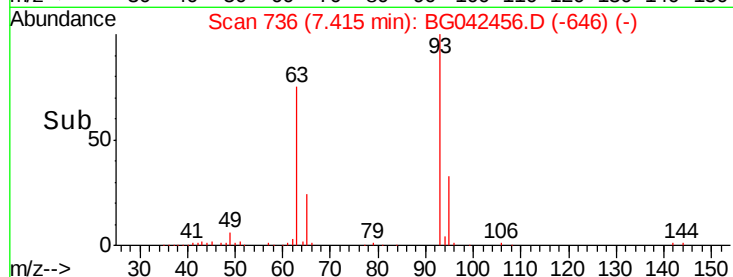
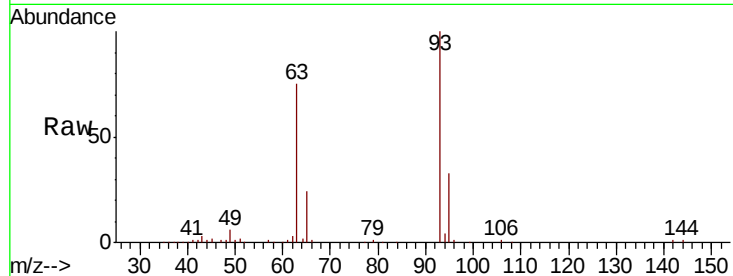




#11
 bis(2-Chloroethyl)ether
 Concen: 41.397 ng
 RT: 7.41 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

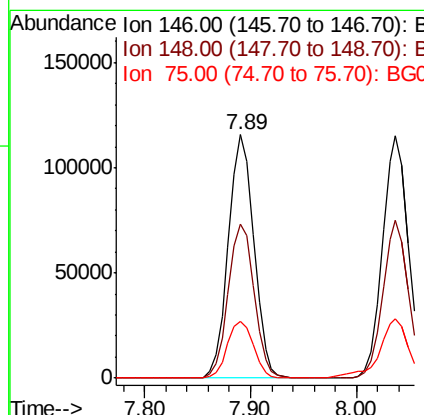
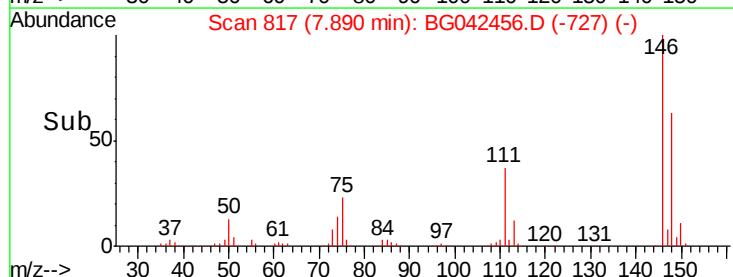
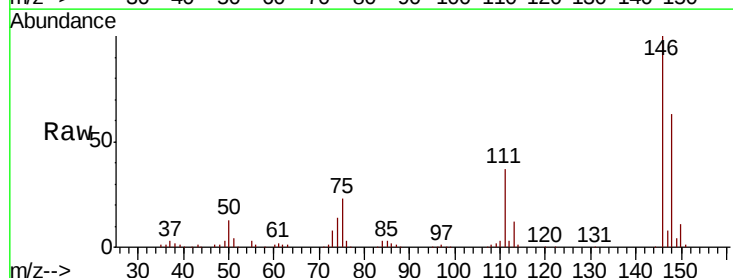
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 146030
 Ion Ratio Lower Upper
 93 100
 63 75.3 53.8 93.8
 95 32.7 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 38.327 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion: 146 Resp: 193254
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 75 23.2 18.0 27.0

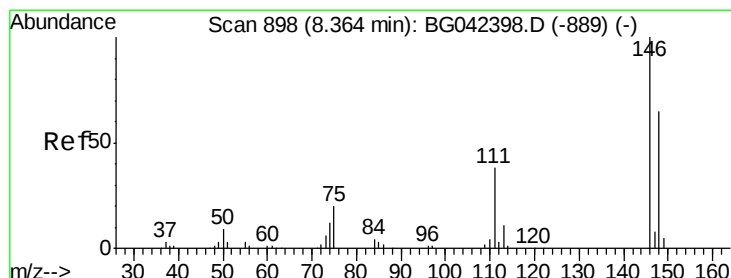
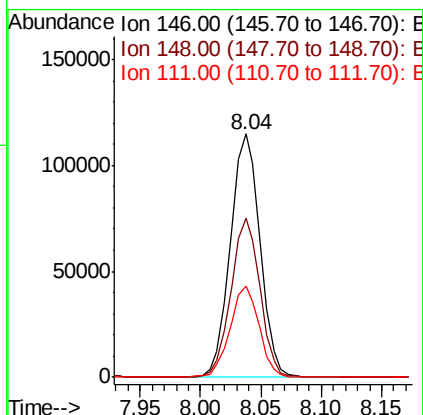
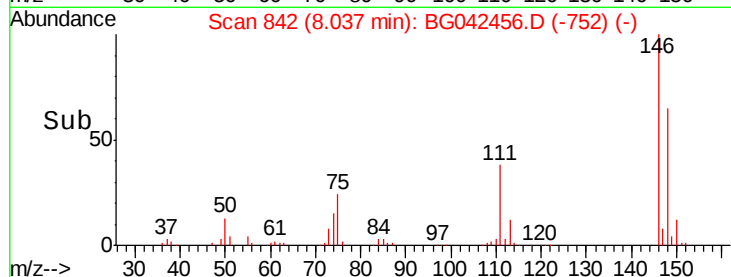
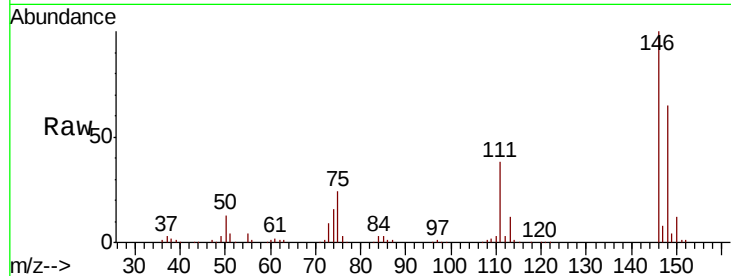




#13
 1,4-Dichlorobenzene
 Concen: 38.564 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

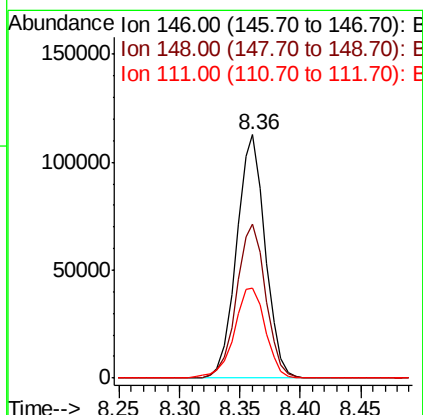
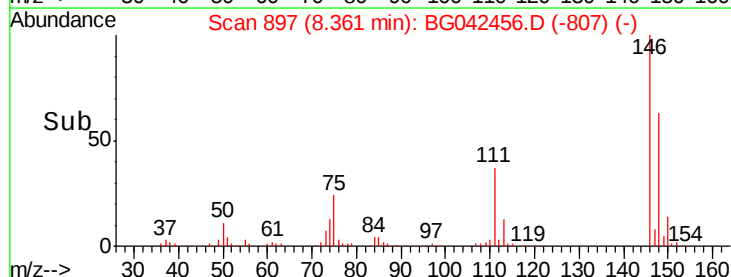
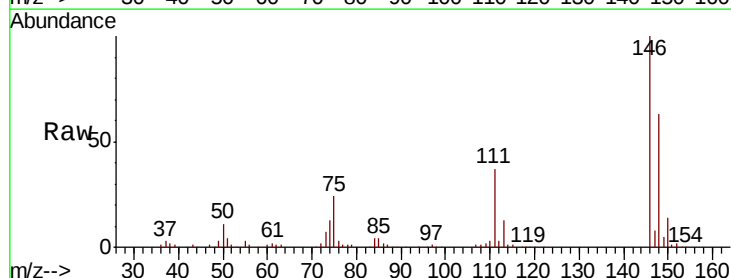
Instrument :
 BNA_G
 ClientSampleId :

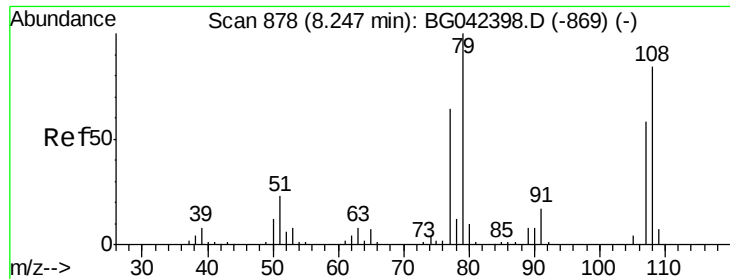
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	49.5	74.3
111	37.6	28.1	42.1



#14
 1,2-Dichlorobenzene
 Concen: 37.920 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.6
111	37.1	30.9	46.3





#15

Benzyl Alcohol

Concen: 40.540 ng

RT: 8.24 min Scan# 877

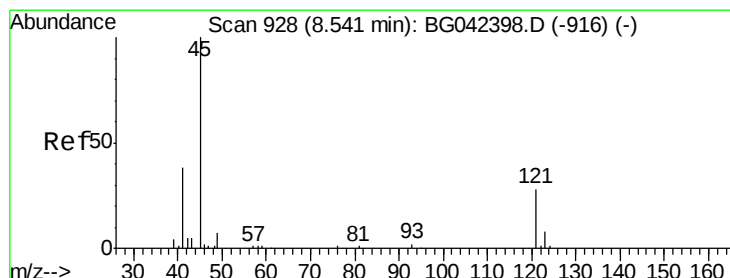
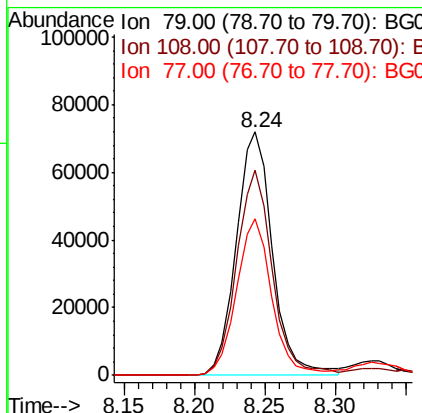
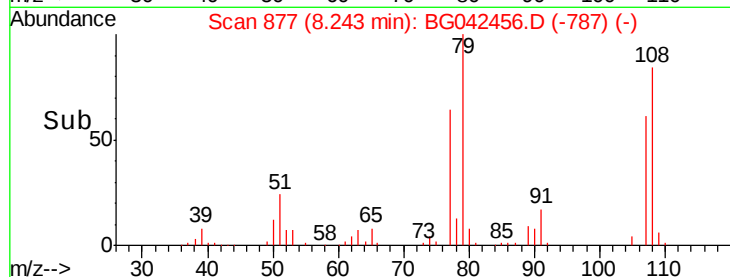
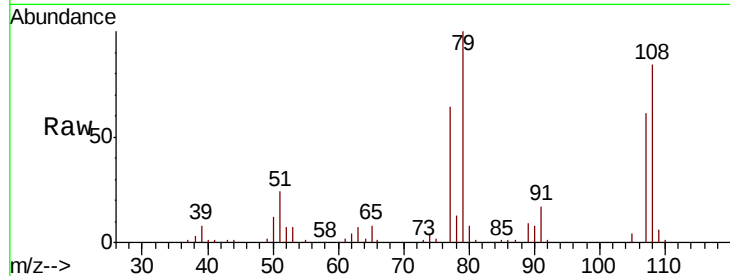
Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:	79	Resp:	128847
Ion	Ratio	Lower	Upper
79	100		
108	84.1	67.4	101.2
77	64.1	50.8	76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.246 ng

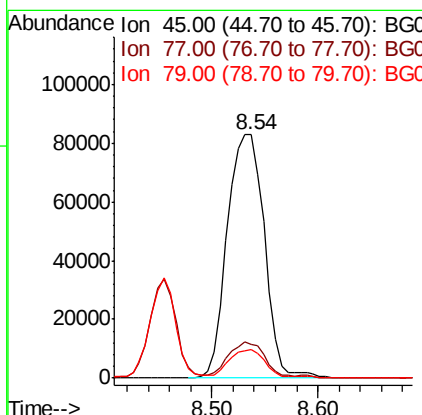
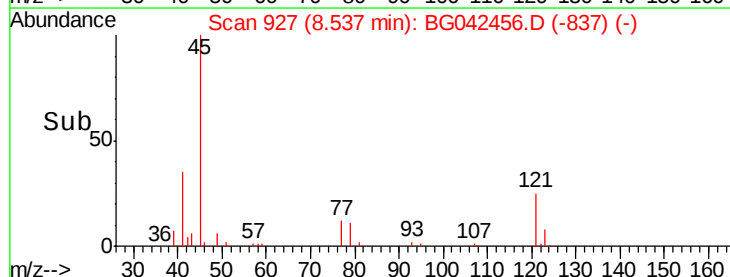
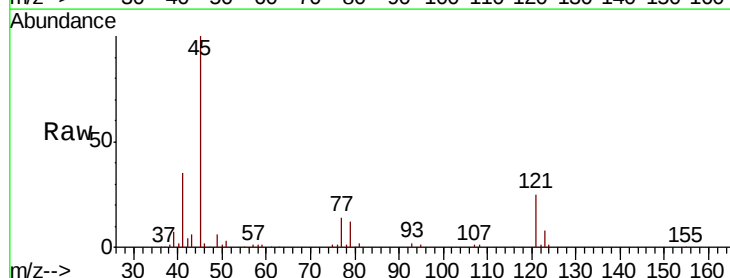
RT: 8.54 min Scan# 927

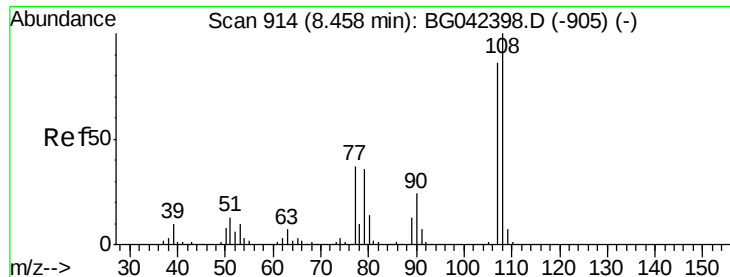
Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Tgt Ion:	45	Resp:	201989
Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	35.6
79	11.9	0.0	31.6





#17

2-Methylphenol

Concen: 42.186 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG042456.D

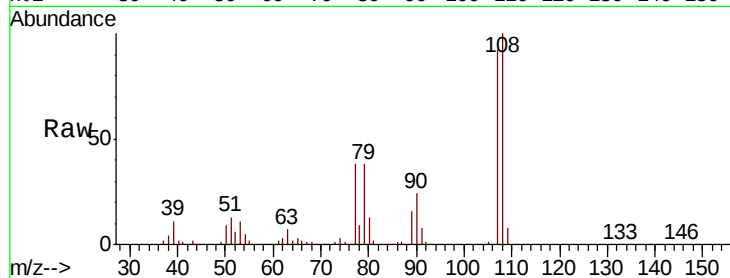
Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

ClientSampled :

Tot Ion:	107	Resp:	139567
Ion	Ratio	Lower	Upper
107	100		
108	108.2	92.9	139.3
77	40.9	34.4	51.6
79	41.5	33.8	50.6



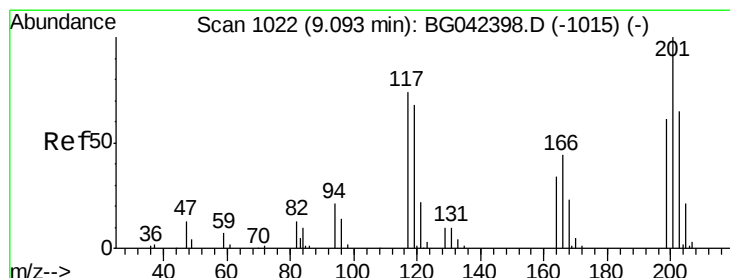
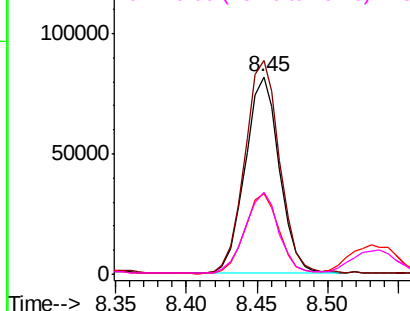
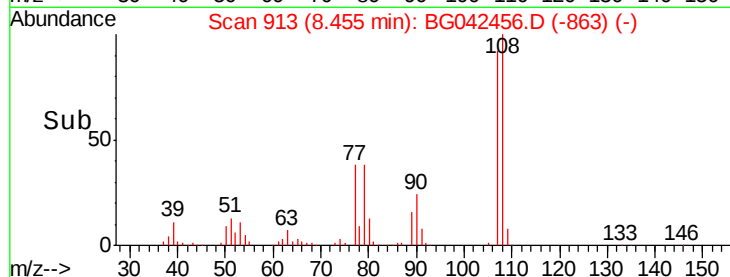
Abundance

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: 36.703 ng

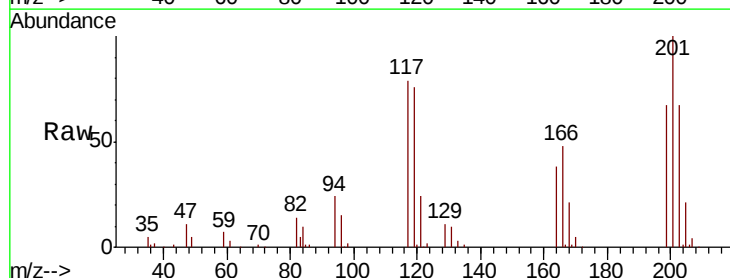
RT: 9.09 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Tgt Ion:	117	Resp:	64174
Ion	Ratio	Lower	Upper
117	100		
119	95.6	73.8	110.8
201	126.3	108.3	162.5

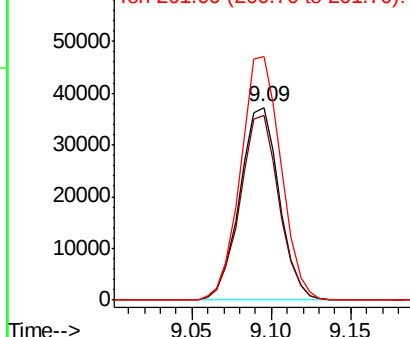
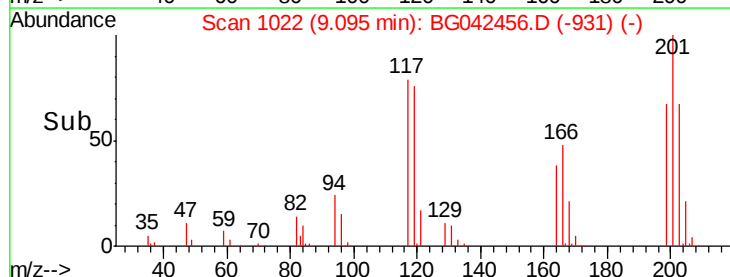


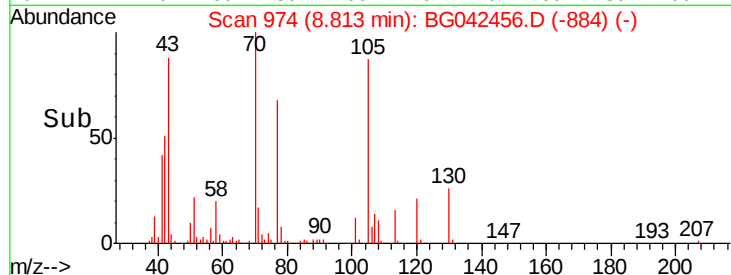
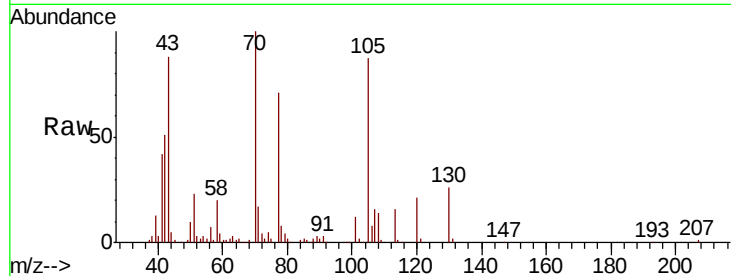
Abundance

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

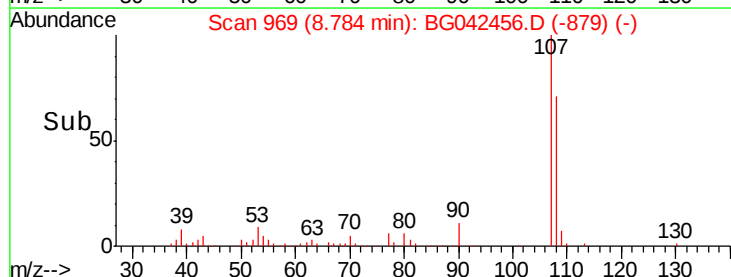
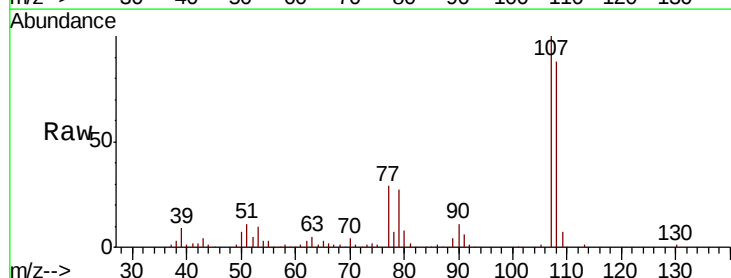
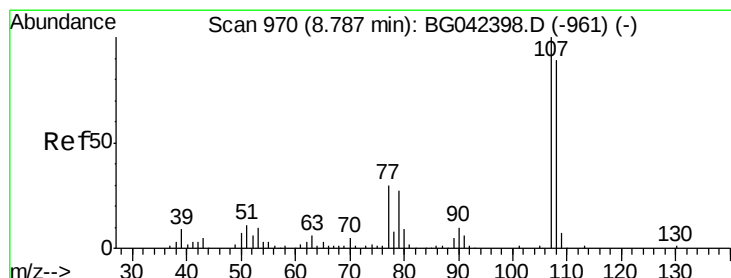
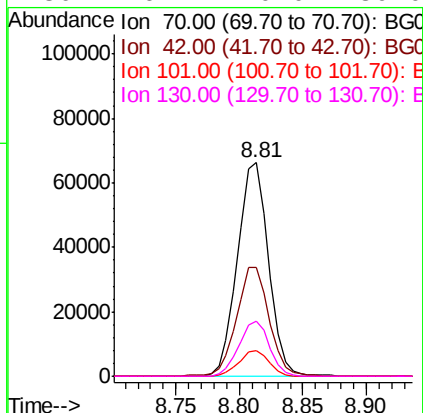




#19
n-Nitroso-di-n-propylamine
Concen: 39.406 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

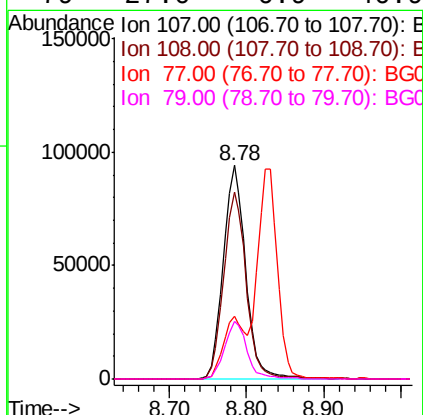
Instrument :
BNA_G
ClientSampled :

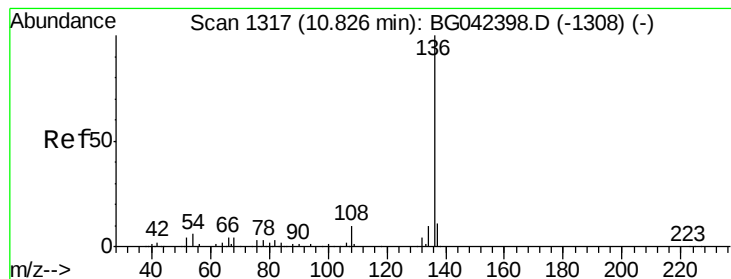
Tot Ion: 70 Resp: 112781
Ion Ratio Lower Upper
70 100
42 50.7 38.8 58.2
101 12.2 9.0 13.6
130 26.1 20.0 30.0



#20
3+4-Methylphenols
Concen: 41.653 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion: 107 Resp: 190685
Ion Ratio Lower Upper
107 100
108 87.6 68.7 108.7
77 29.2 10.2 50.2
79 27.0 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 253359

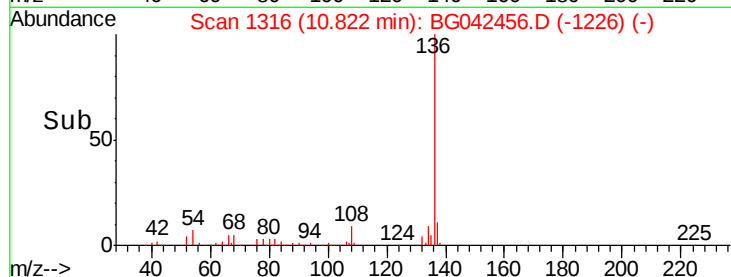
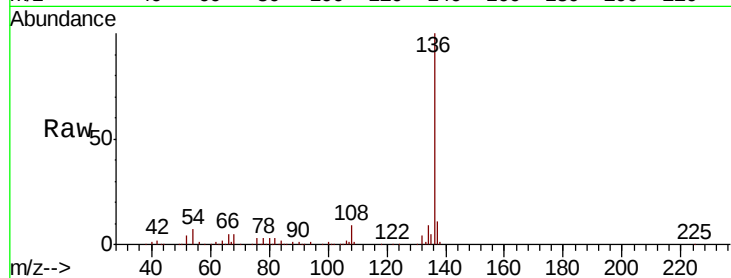
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.4 4.9 7.3#

68 4.9 3.6 5.4

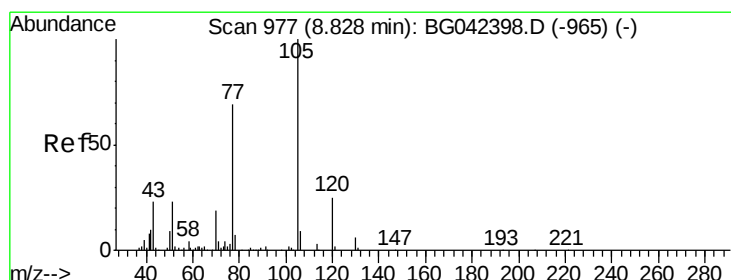
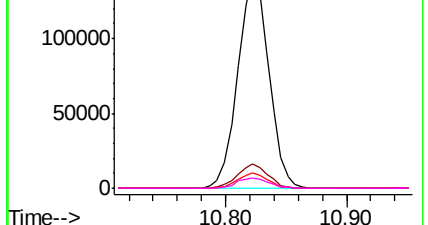


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.620 ng

RT: 8.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Tgt Ion:105 Resp: 236372

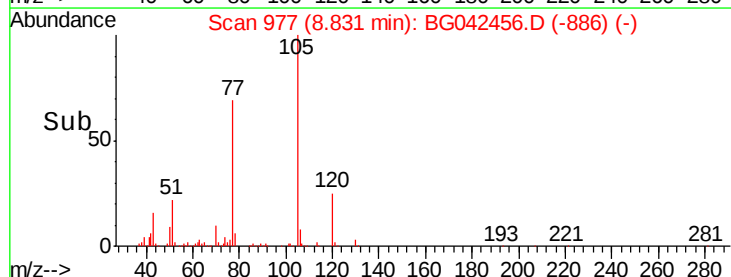
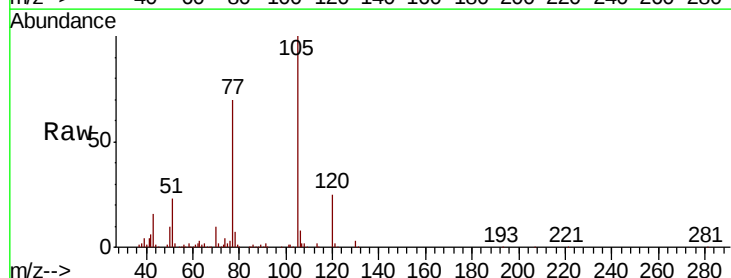
Ion Ratio Lower Upper

105 100

71 1.7 2.8 4.2#

51 22.5 18.7 28.1

120 24.9 20.1 30.1

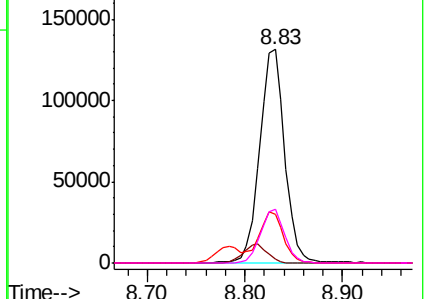


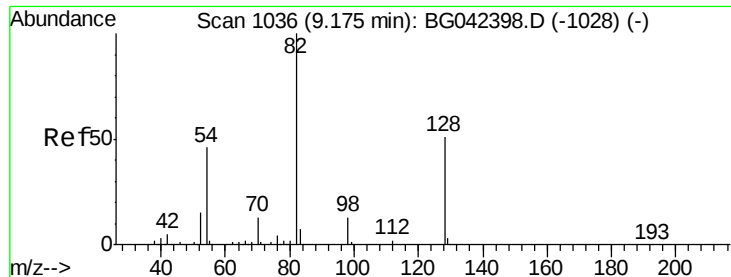
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

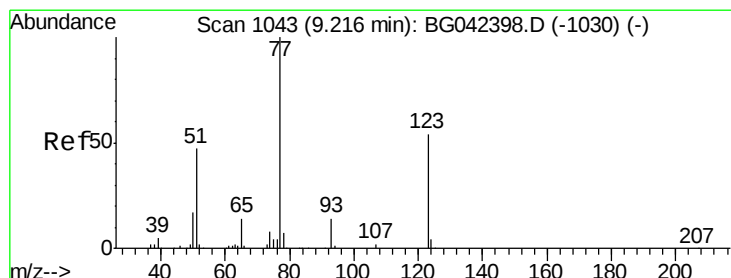
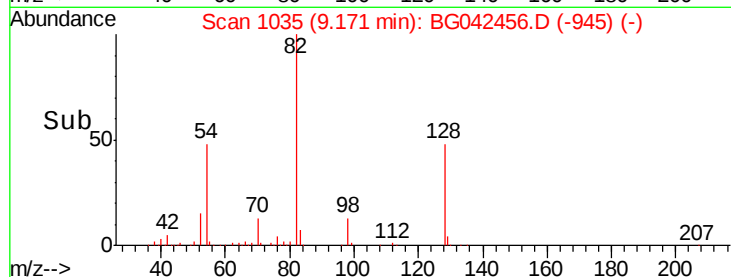
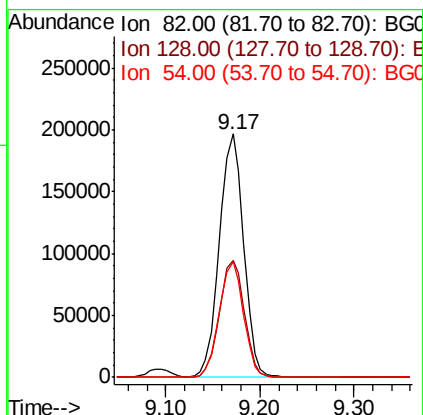
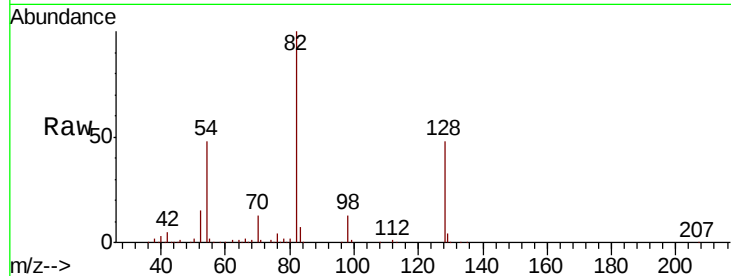




#23
Nitrobenzene-d5
Concen: 96.883 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

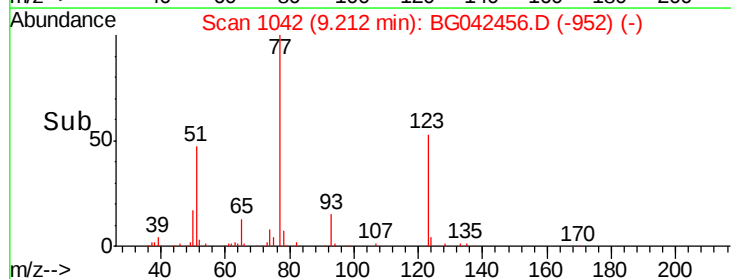
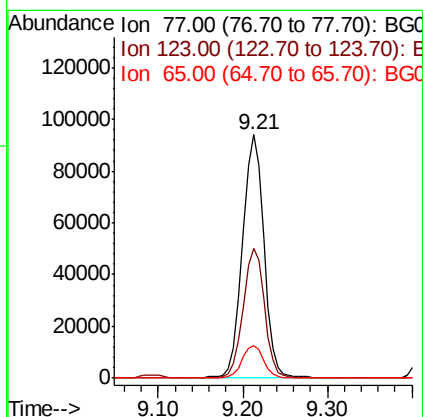
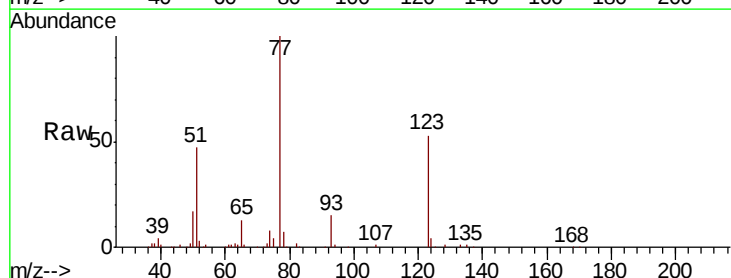
Instrument :
BNA_G
ClientSampleId :

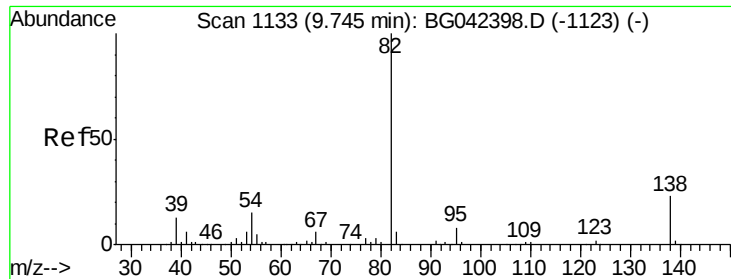
Tot Ion	82	Resp	355205
Ion Ratio	Lower	Upper	
82	100		
128	48.1	40.7	61.1
54	47.6	36.3	54.5



#24
Nitrobenzene
Concen: 44.575 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	77	Resp	165494
Ion Ratio	Lower	Upper	
77	100		
123	53.4	43.4	65.0
65	13.3	11.0	16.6

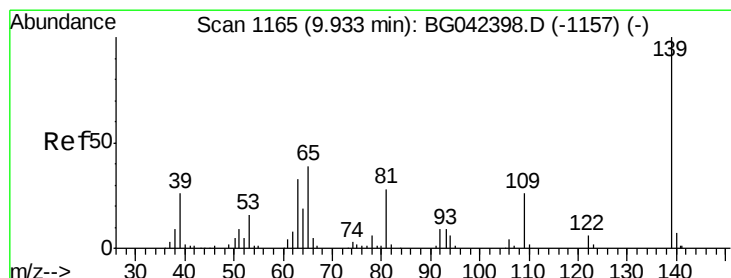
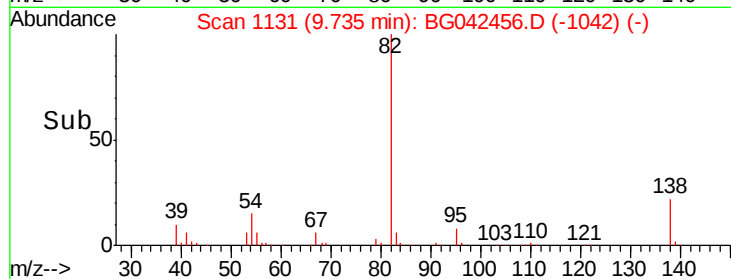
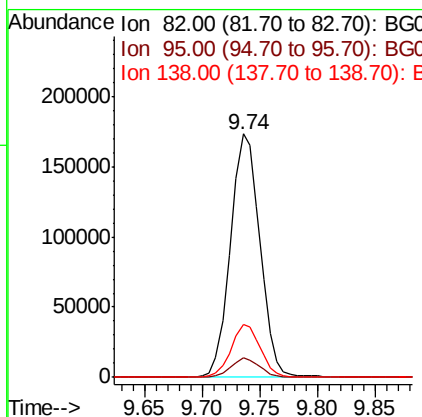
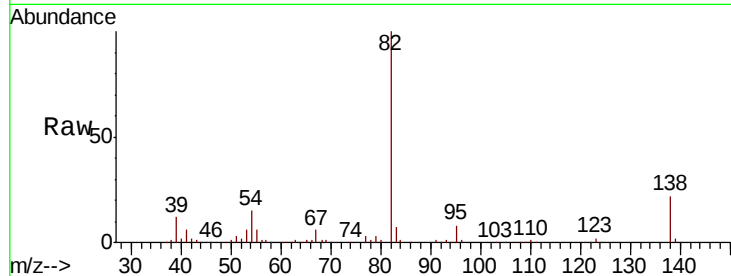




#25
Isophorone
Concen: 42.495 ng
RT: 9.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

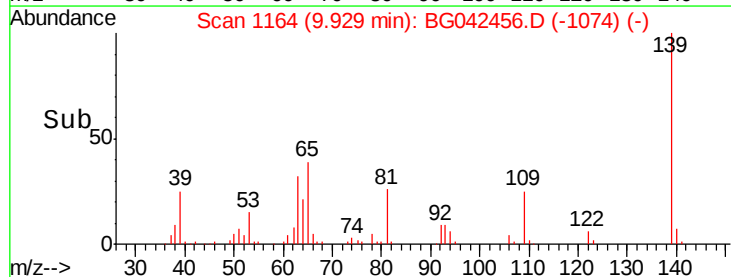
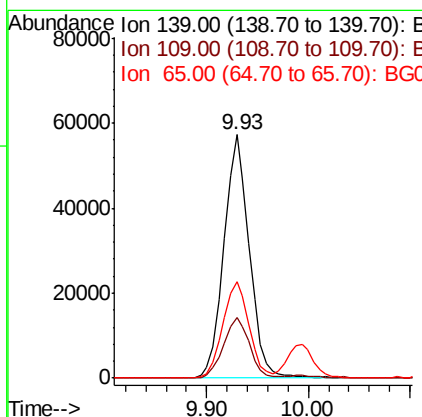
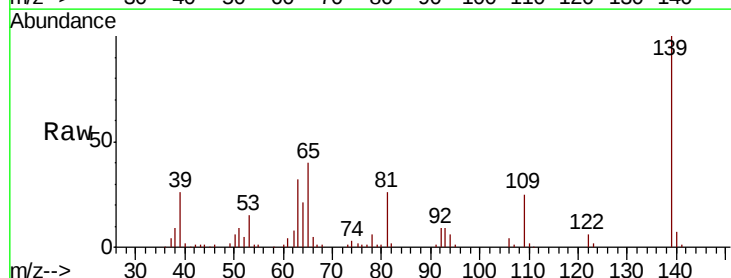
Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	307477
Ion Ratio	100	Lower	Upper
95	8.0	6.6	9.8
138	21.9	18.6	27.8



#26
2-Nitrophenol
Concen: 42.677 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	139	Resp	99292
Ion Ratio	100	Lower	Upper
109	24.7	20.5	30.7
65	39.6	30.9	46.3

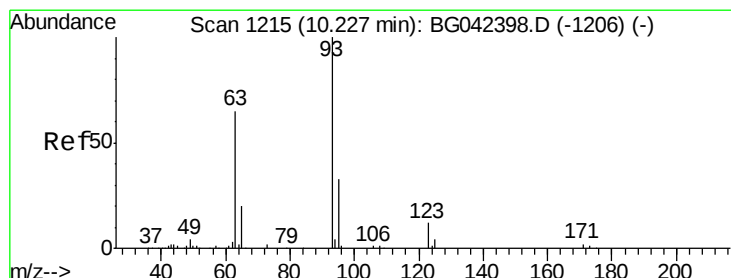
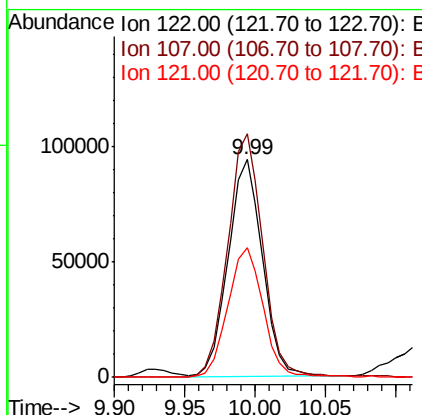
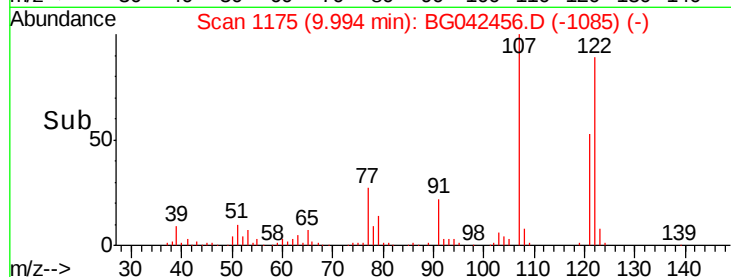
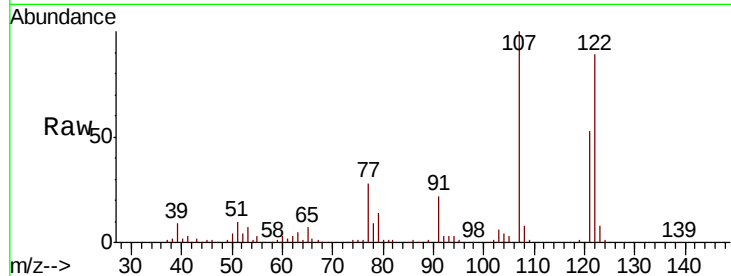




#27
 2,4-Dimethylphenol
 Concen: 49.656 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

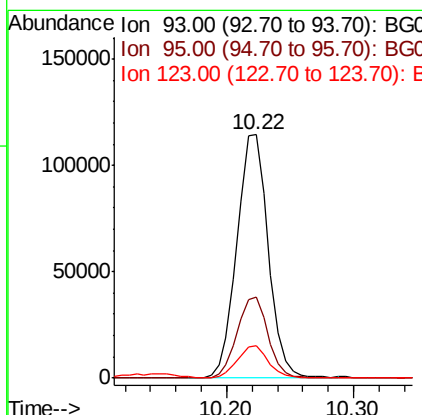
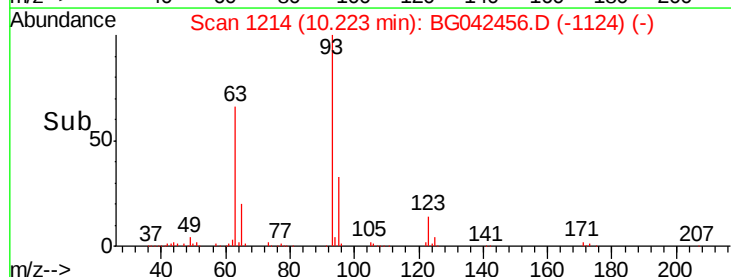
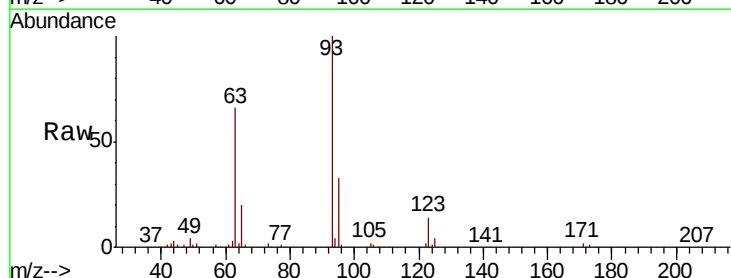
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 159143
 Ion Ratio Lower Upper
 122 100
 107 111.9 90.8 136.2
 121 59.8 49.6 74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.071 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion: 93 Resp: 196424
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.6 40.0
 123 13.5 10.1 15.1

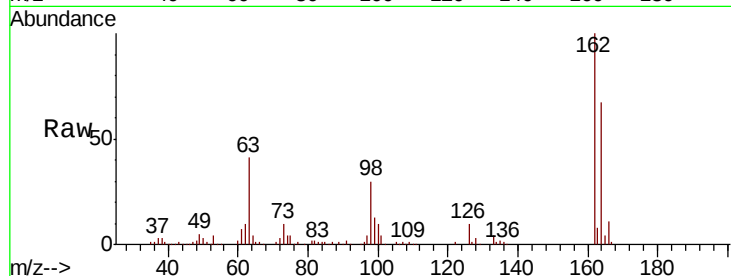




#29
2,4-Dichlorophenol
Concen: 43.762 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.4	48.1	88.1
98	30.0	7.6	47.6

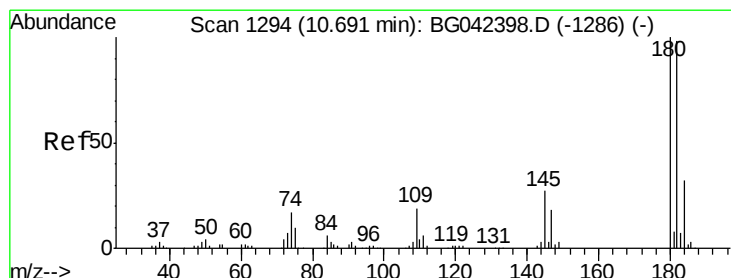
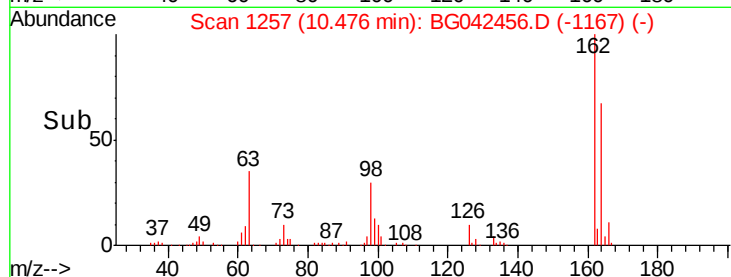
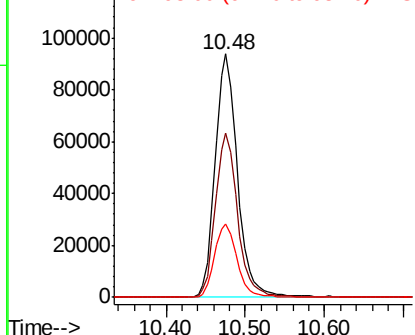


Abundance

Ion 162.00 (161.70 to 162.70): E

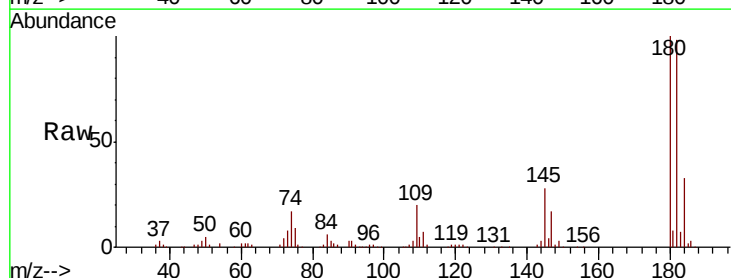
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 39.691 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	78.7	118.1
145	27.6	21.6	32.4

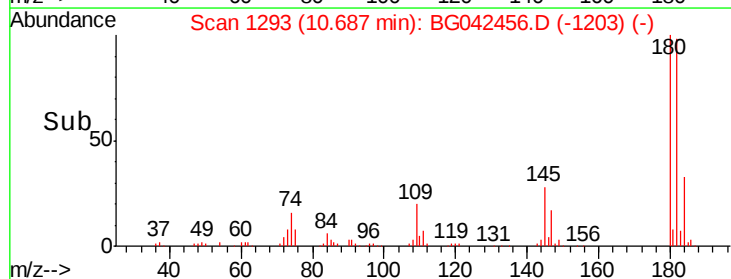
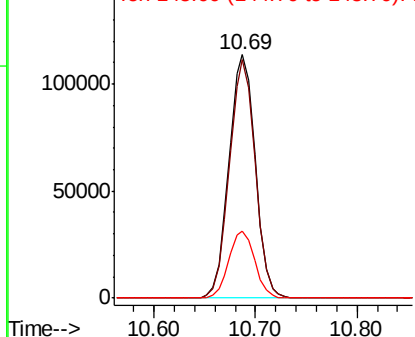


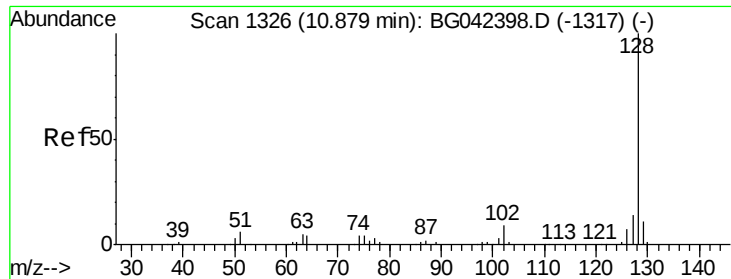
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

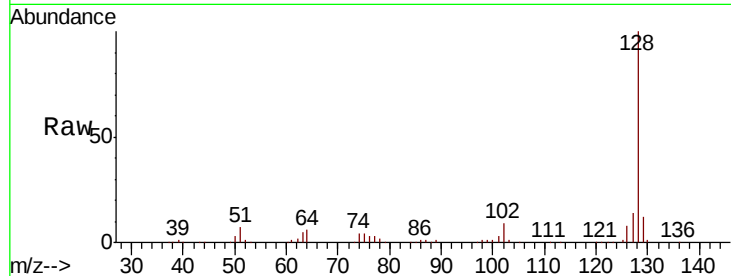




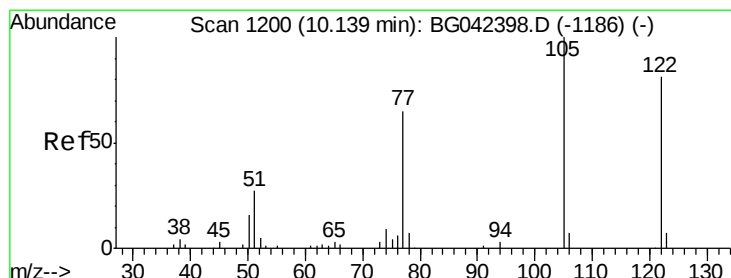
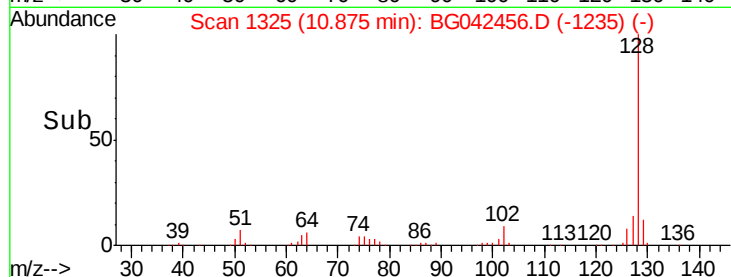
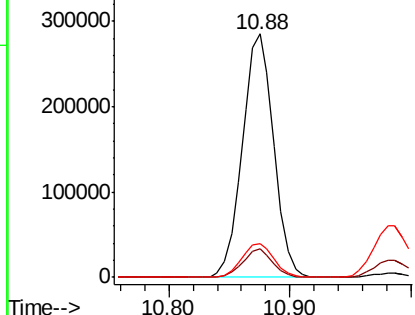
#31
Naphthalene
Concen: 43.633 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 513247
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 14.1 11.4 17.0

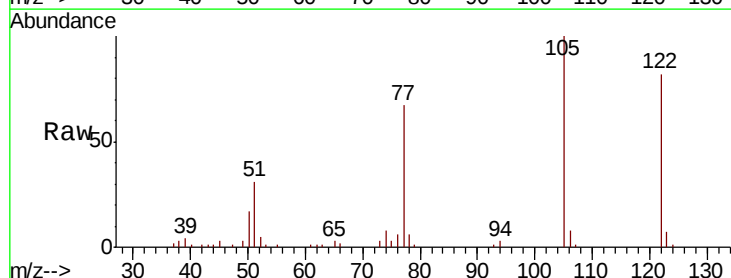


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

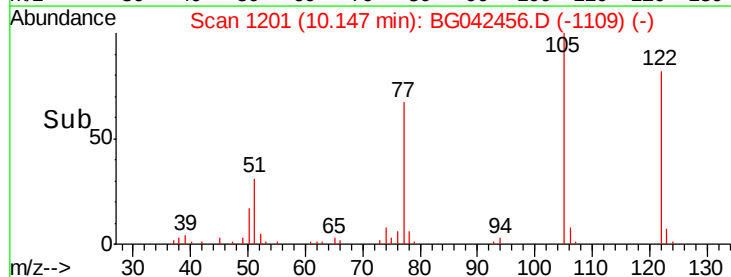
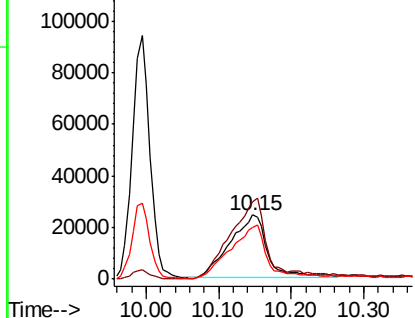


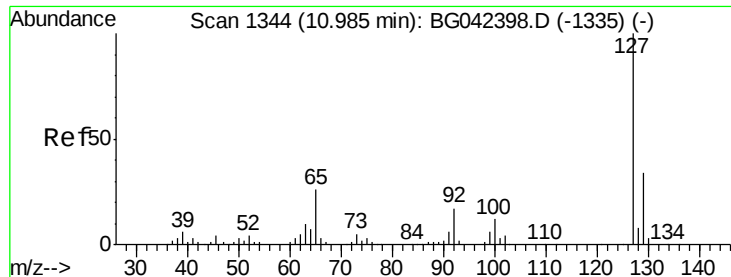
#32
Benzoic acid
Concen: 39.155 ng
RT: 10.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion:122 Resp: 86855
Ion Ratio Lower Upper
122 100
105 121.2 99.6 139.6
77 81.2 59.5 99.5



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

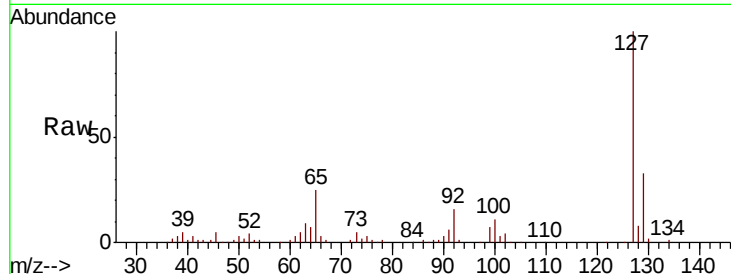




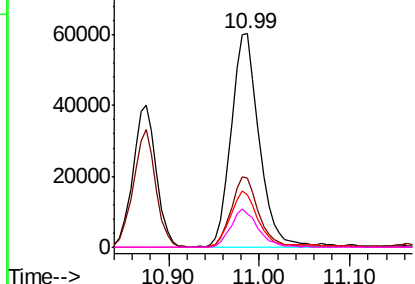
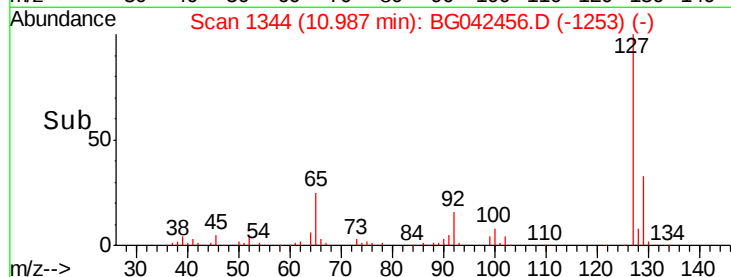
#33
4-Chloroaniline
Concen: 24.069 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	130694
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.8	40.2
65	24.8	20.7	31.1
92	15.8	13.6	20.4

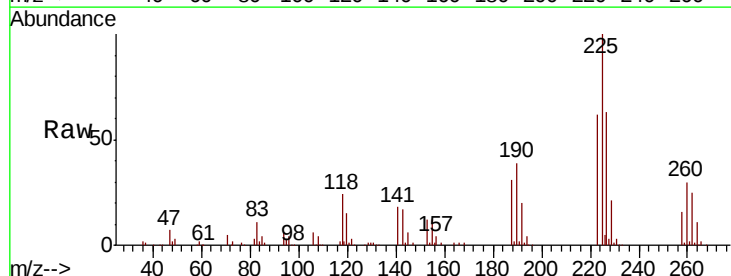


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

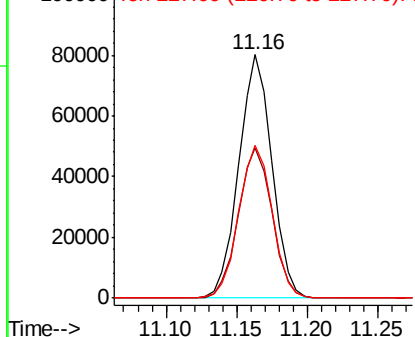
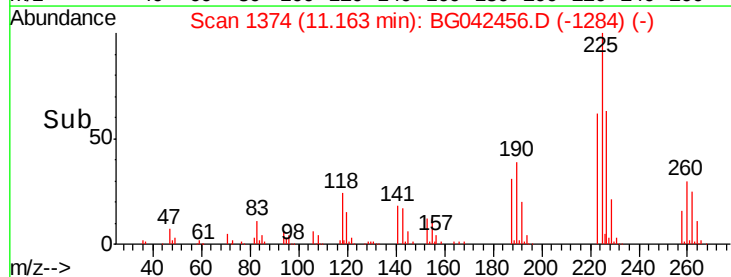


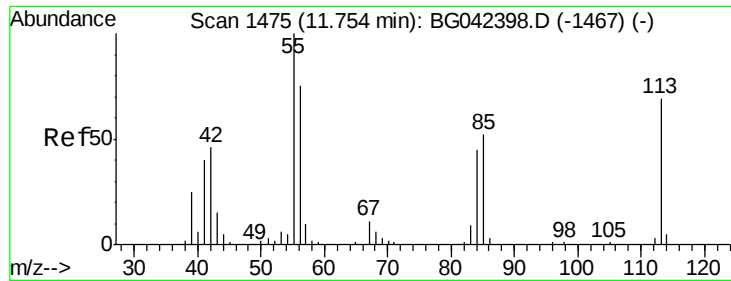
#34
Hexachlorobutadiene
Concen: 38.025 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion:	225	Resp:	131530
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.8	74.6
227	62.5	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.670 ng

RT: 11.75 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

ClientSampled :

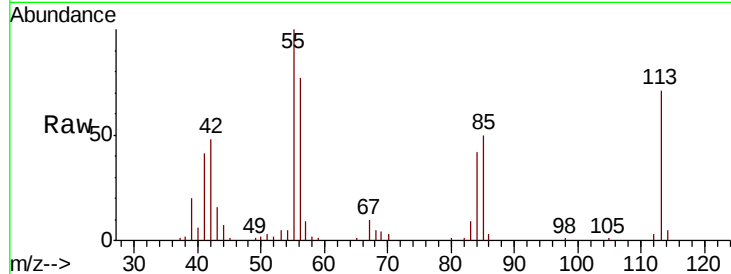
Tot Ion:113 Resp: 33118

Ion Ratio Lower Upper

113 100

55 140.6 124.6 164.6

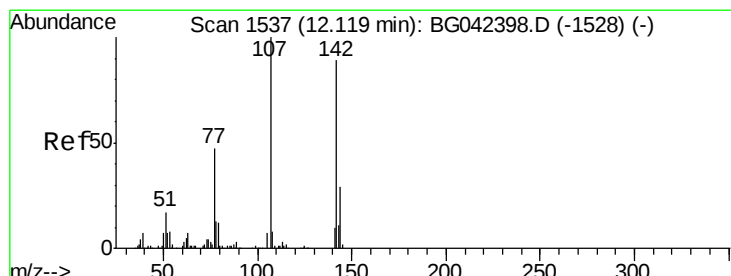
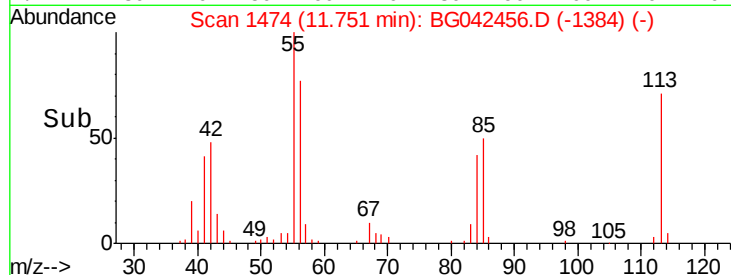
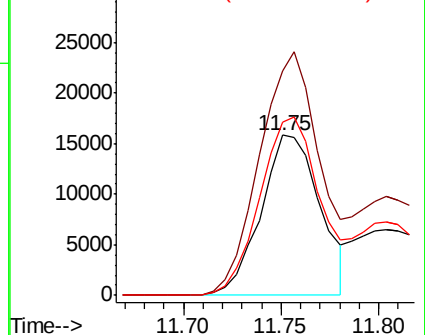
56 108.5 88.3 128.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 43.701 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

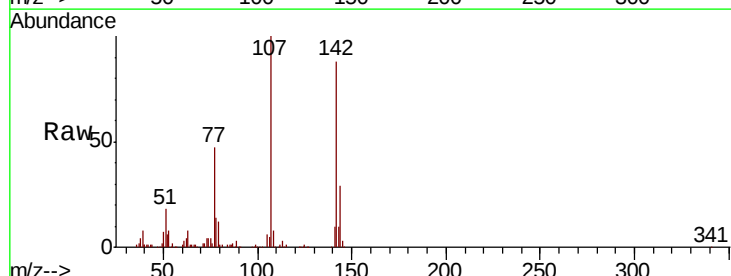
Tgt Ion:107 Resp: 173955

Ion Ratio Lower Upper

107 100

144 29.0 23.6 35.4

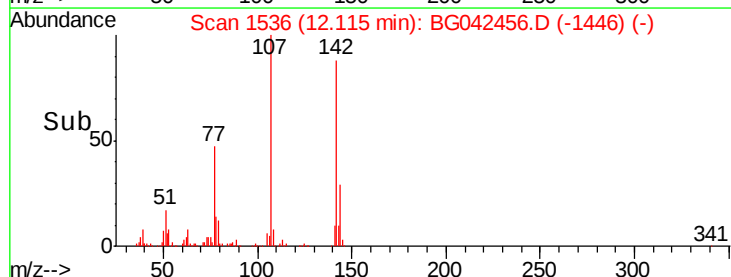
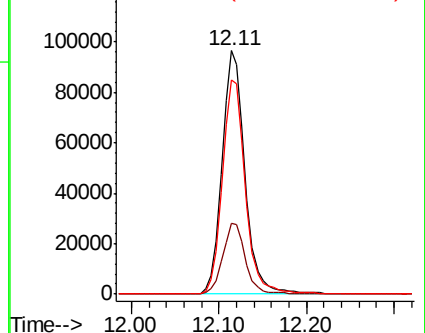
142 88.2 71.0 106.4

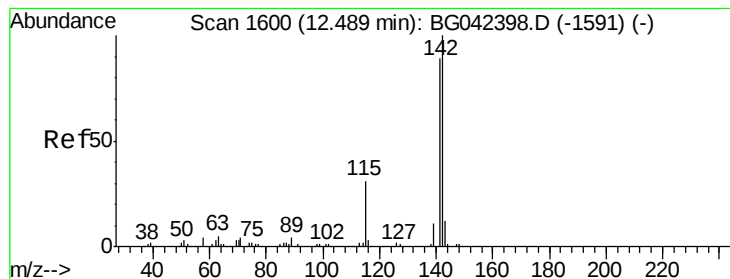


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.448 ng

RT: 12.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

ClientSampleId :

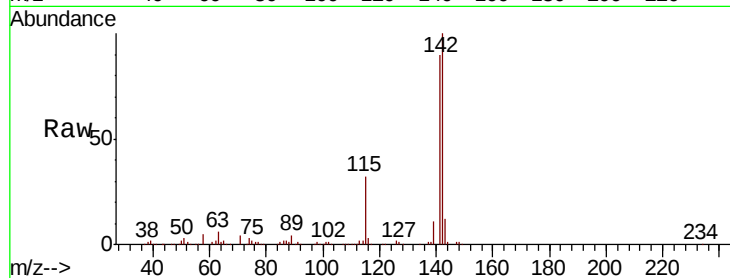
Tot Ion:142 Resp: 400925

Ion Ratio Lower Upper

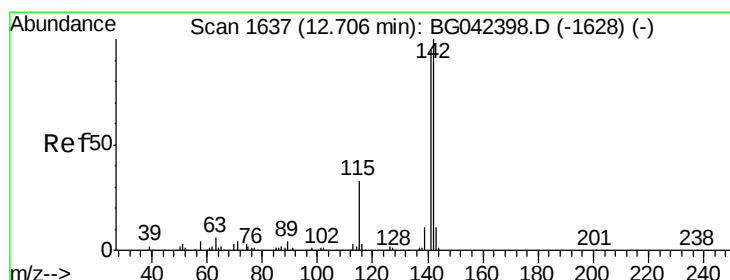
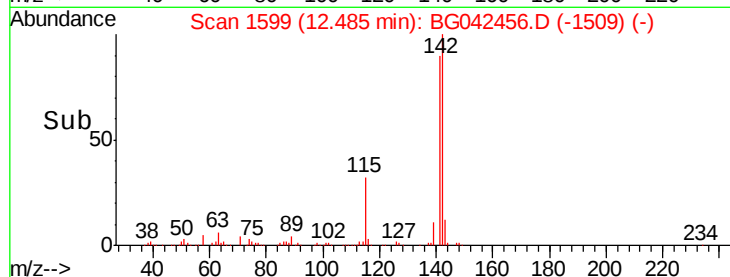
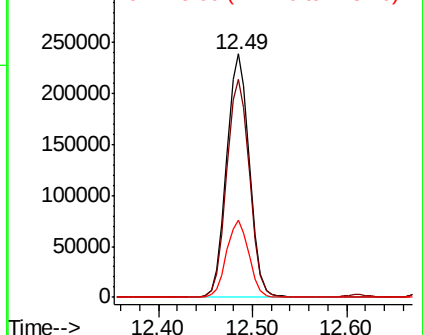
142 100

141 89.8 71.4 107.2

115 31.8 25.2 37.8



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



#38

1-Methylnaphthalene

Concen: 41.813 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

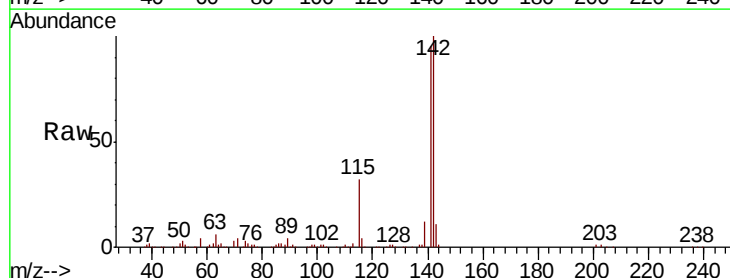
Tgt Ion:142 Resp: 375130

Ion Ratio Lower Upper

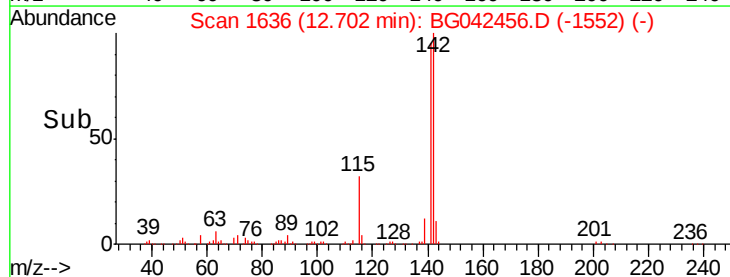
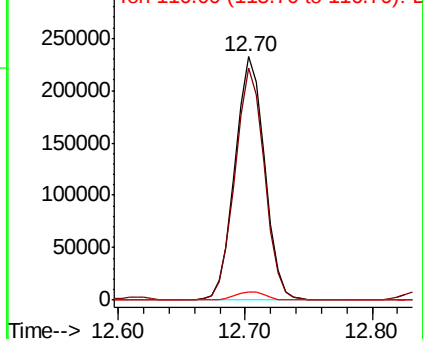
142 100

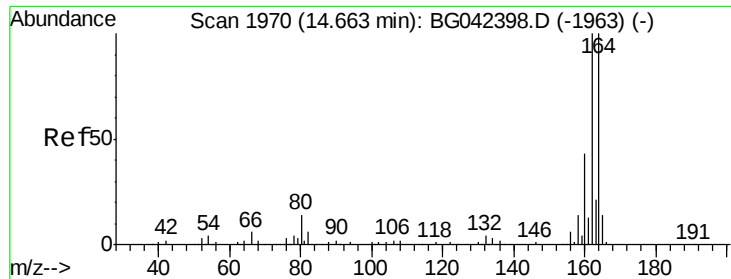
141 95.5 76.2 114.2

116 3.5 2.8 4.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

ClientSampled :

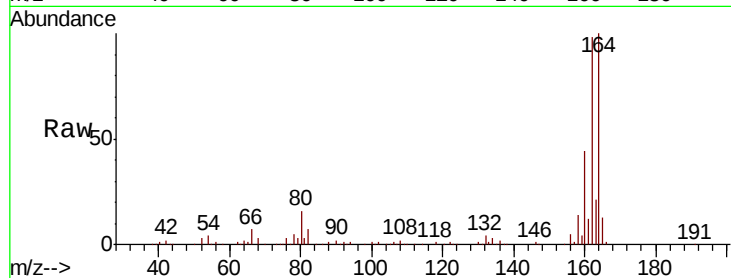
Tot Ion:164 Resp: 178383

Ion Ratio Lower Upper

164 100

162 97.8 79.9 119.9

160 43.9 34.3 51.5

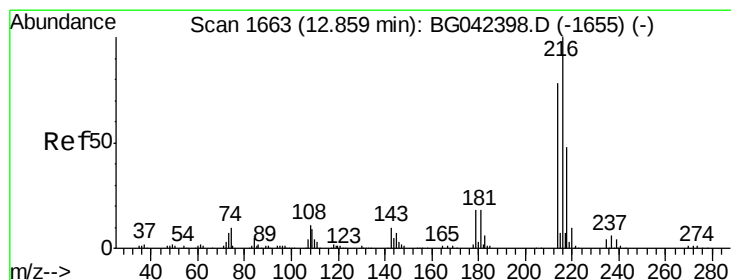
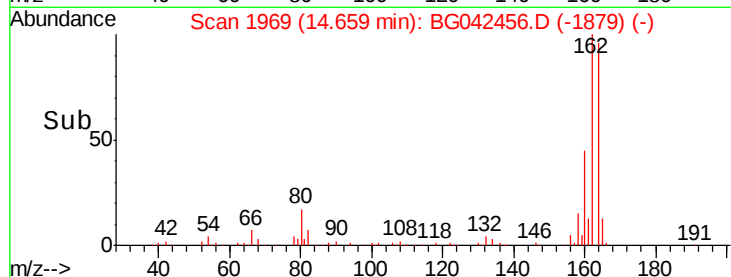
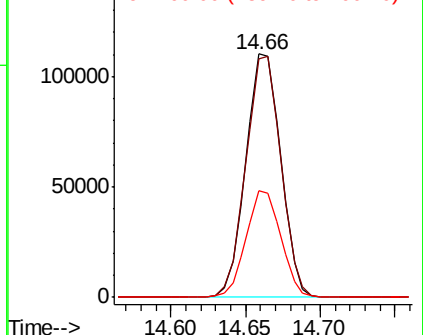


Abundance

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: 42.814 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Tgt Ion:216 Resp: 245263

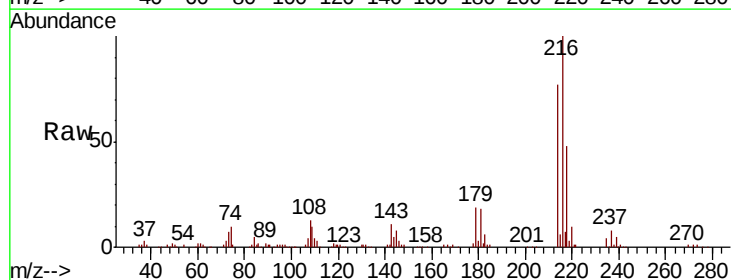
Ion Ratio Lower Upper

216 100

214 76.8 61.4 92.2

179 19.3 15.1 22.7

108 13.0 9.4 14.0



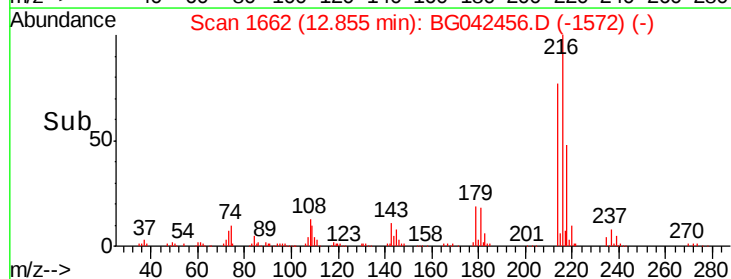
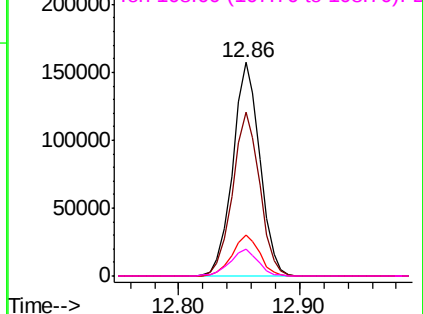
Abundance

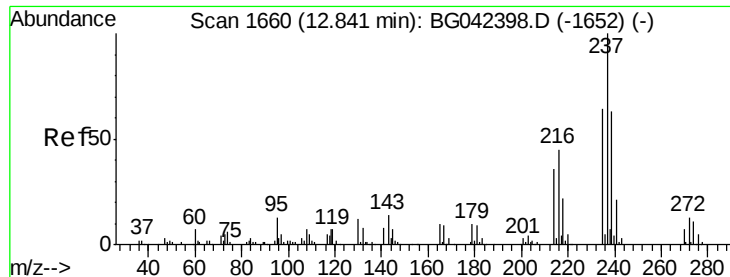
Ion 216.00 (215.70 to 216.70): E

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: 40.565 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

ClientSampleId :

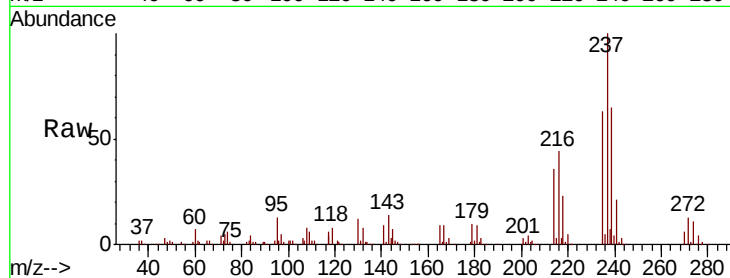
Tot Ion:237 Resp: 122066

Ion Ratio Lower Upper

237 100

235 63.1 43.7 83.7

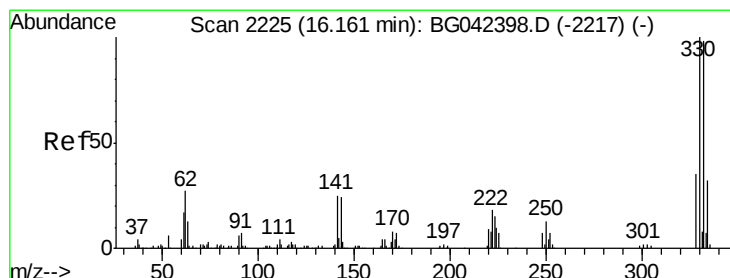
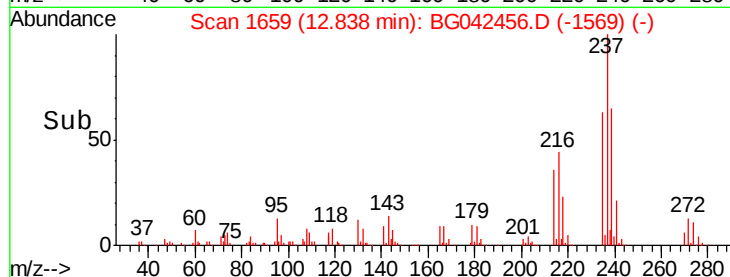
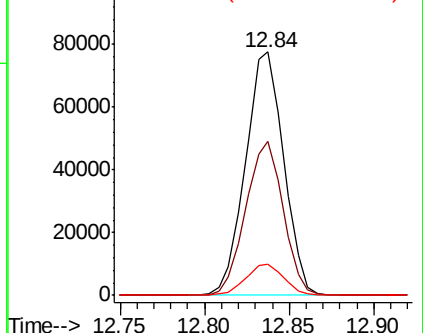
272 12.6 0.0 33.3



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: 117.632 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

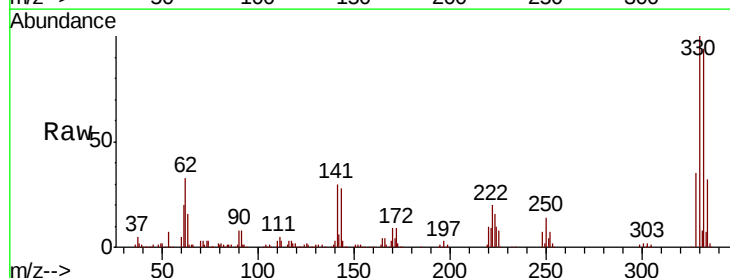
Tgt Ion:330 Resp: 298248

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.0

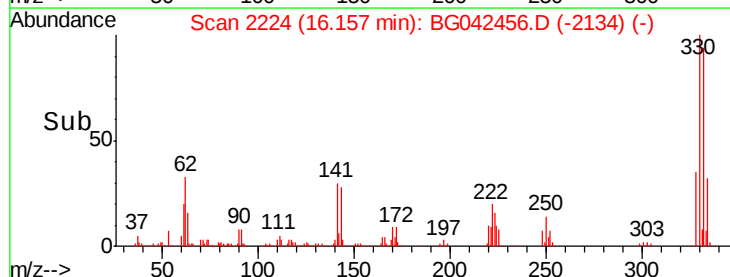
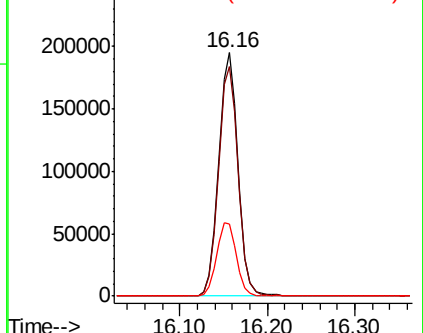
141 31.1 21.4 32.0



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

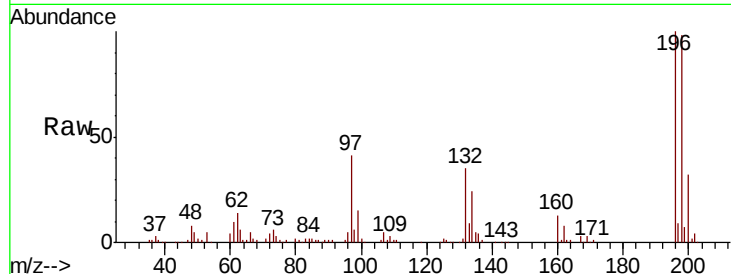




#43
 2,4,6-Trichlorophenol
 Concen: 42.329 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
196	100	163904		
198	97.7	80.7	121.1	
200	31.8	25.7	38.5	

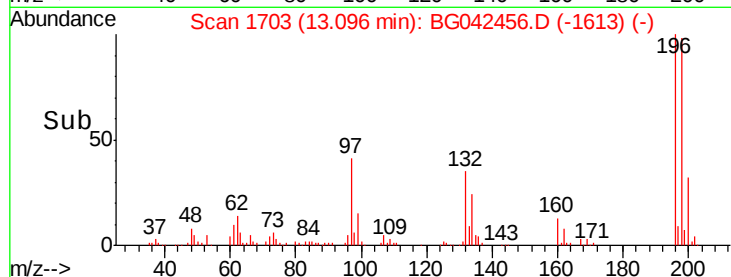
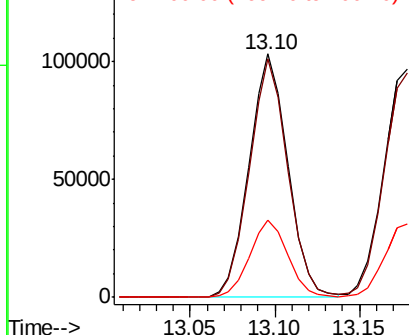


Abundance

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: 42.791 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171705		
198	98.2	80.2	120.4	
97	36.2	26.3	39.5	
132	22.4	16.6	24.8	

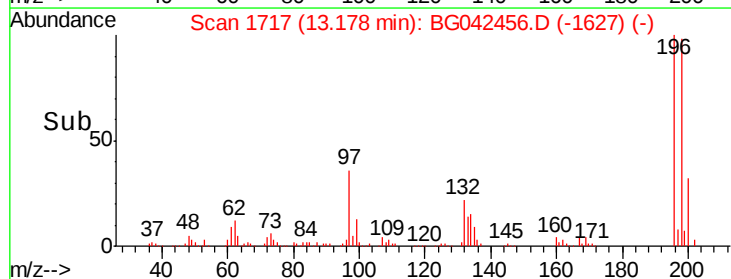
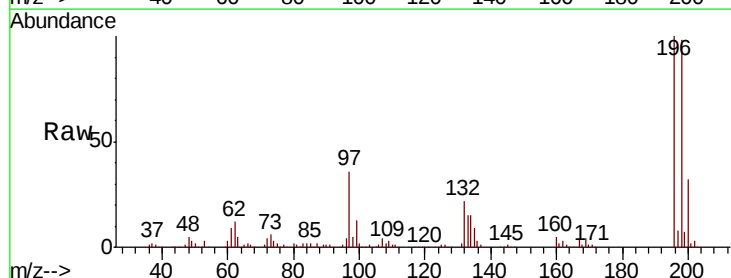
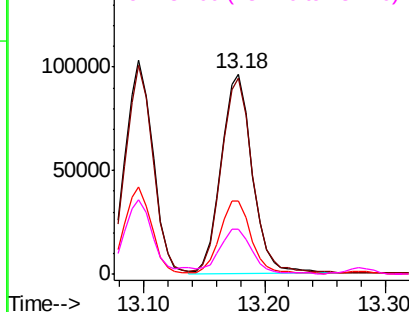
Abundance

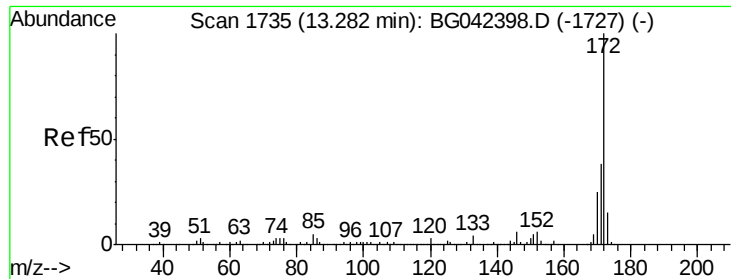
Ion 196.00 (195.70 to 196.70): E

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

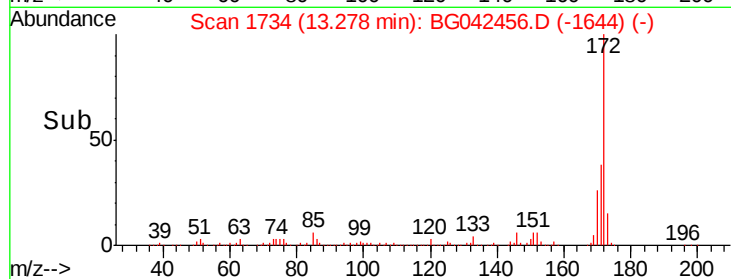
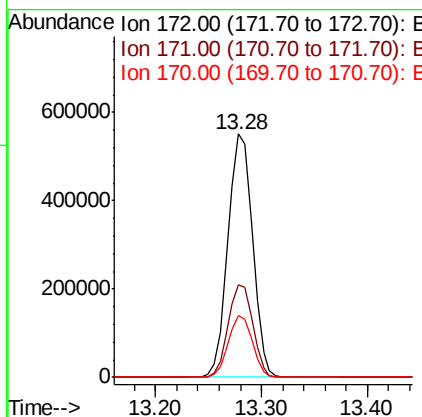
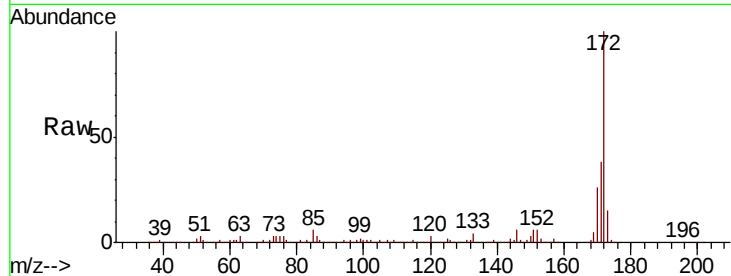




#45
 2-Fluorobiphenyl
 Concen: 83.935 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

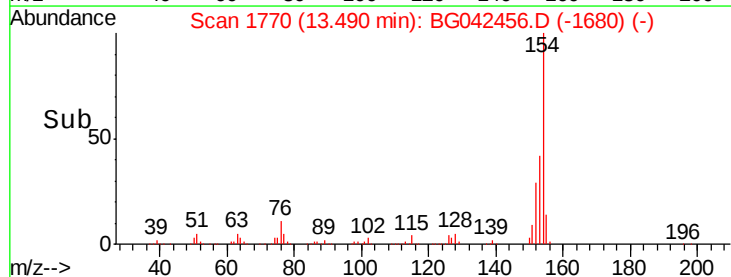
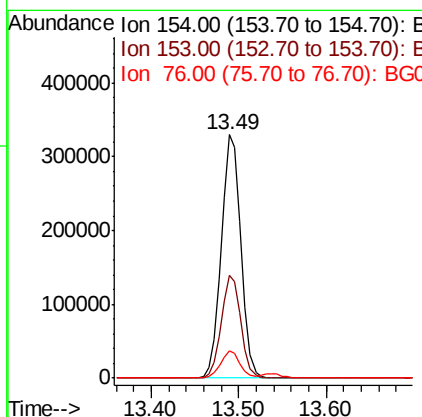
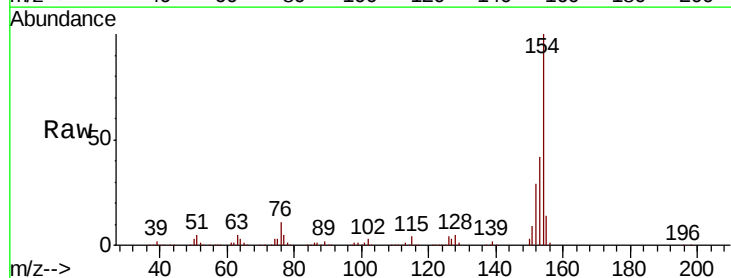
Instrument :
 BNA_G
 ClientSampleId :

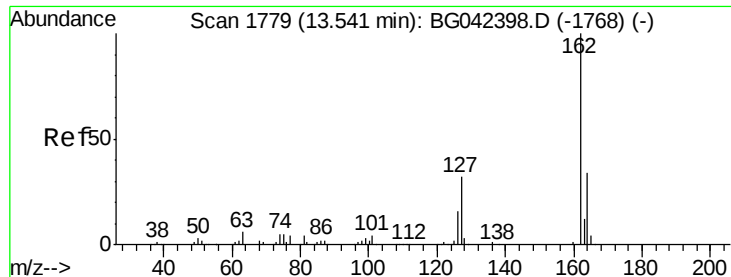
Tot Ion:172 Resp: 885274
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.5 45.7
 170 25.5 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 44.241 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion:154 Resp: 510138
 Ion Ratio Lower Upper
 154 100
 153 42.2 23.0 63.0
 76 11.1 0.0 29.6

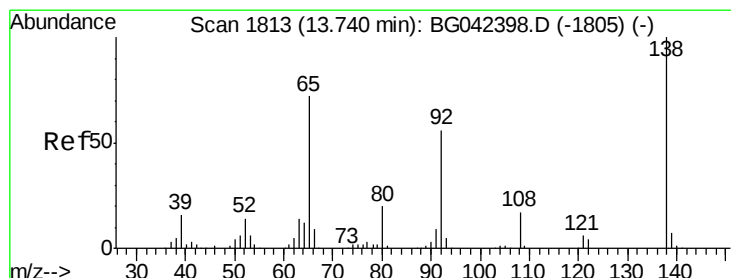
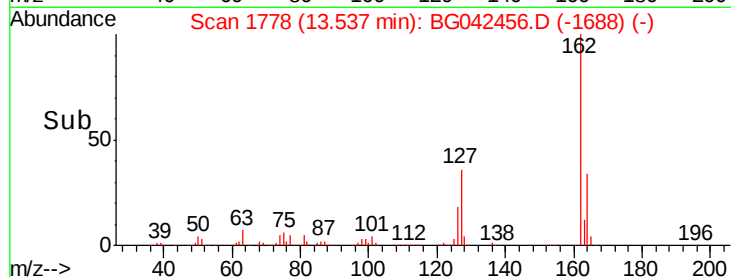
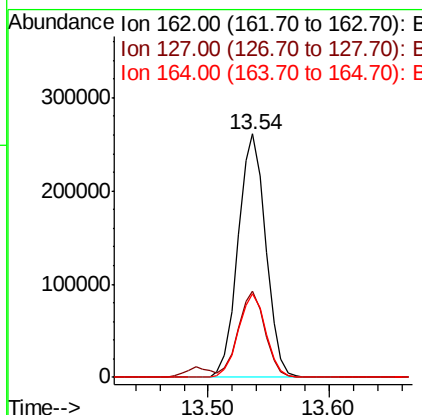
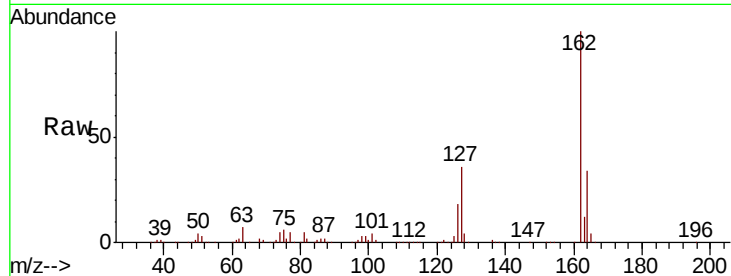




#47
 2-Chloronaphthalene
 Concen: 41.965 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

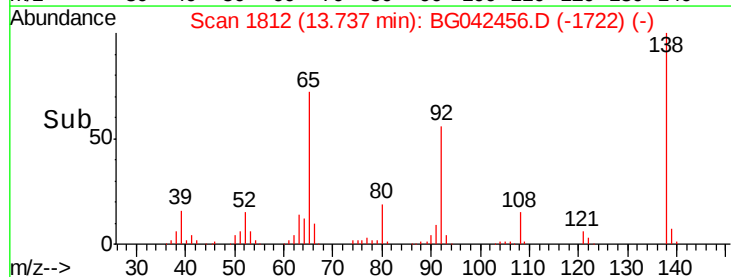
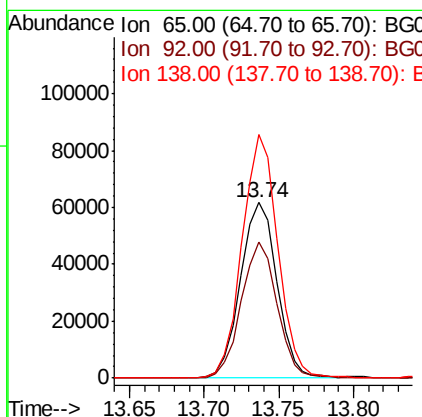
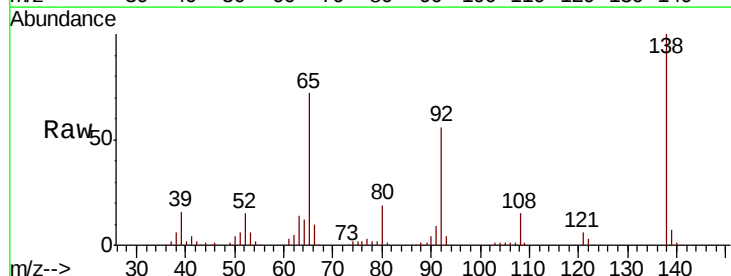
Instrument :
 BNA_G
 ClientSampleId :

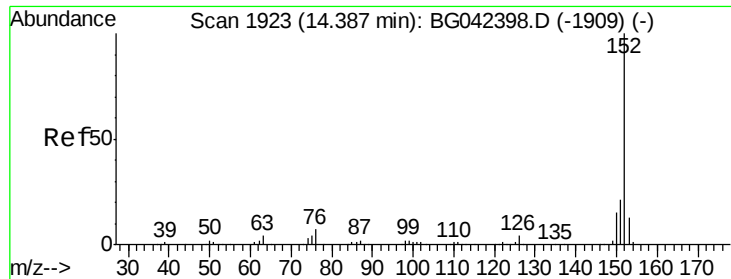
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.5	26.0	39.0
164	34.3	27.4	41.0



#48
 2-Nitroaniline
 Concen: 43.708 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.9	61.8	92.6
138	138.8	111.0	166.6





#49

Acenaphthylene

Concen: 44.195 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

ClientSampleId :

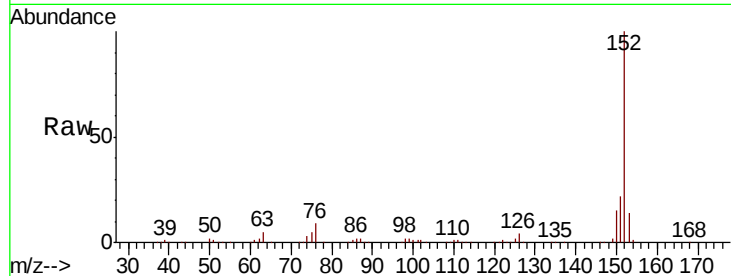
Tot Ion:152 Resp: 661083

Ion Ratio Lower Upper

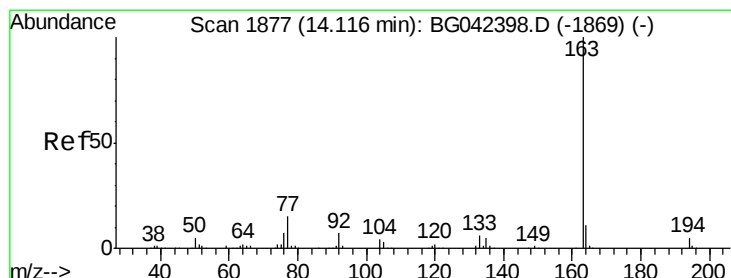
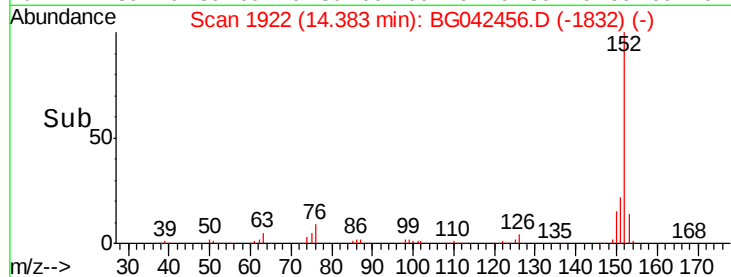
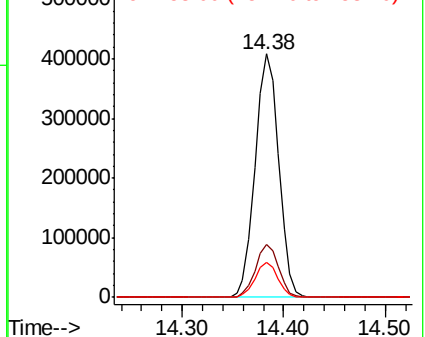
152 100

151 21.6 17.0 25.4

153 14.2 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: 45.679 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

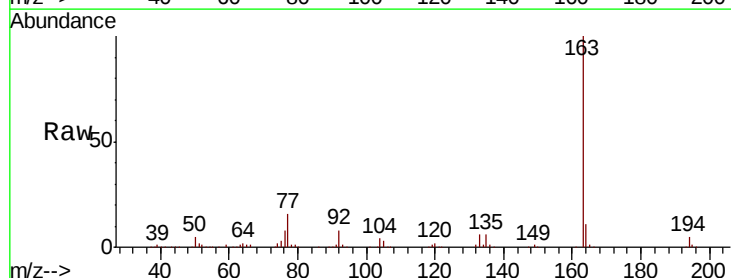
Tgt Ion:163 Resp: 587932

Ion Ratio Lower Upper

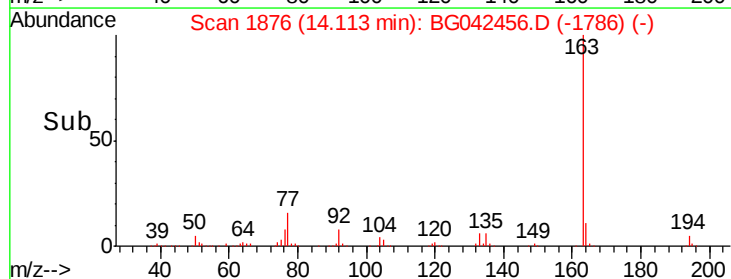
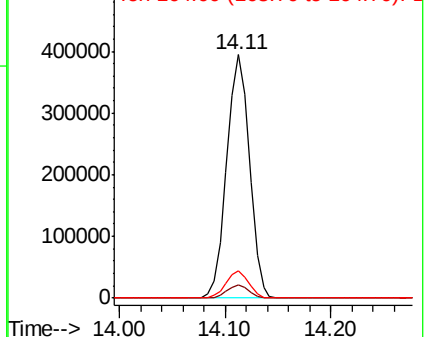
163 100

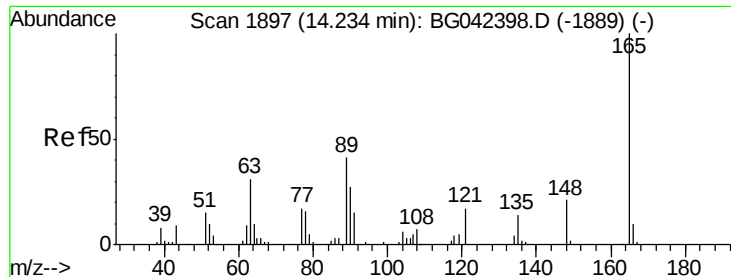
194 5.2 4.2 6.2

164 11.3 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

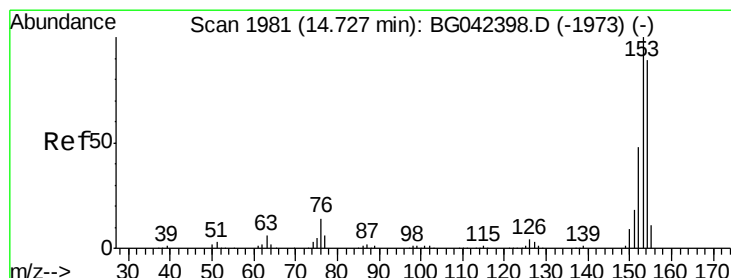
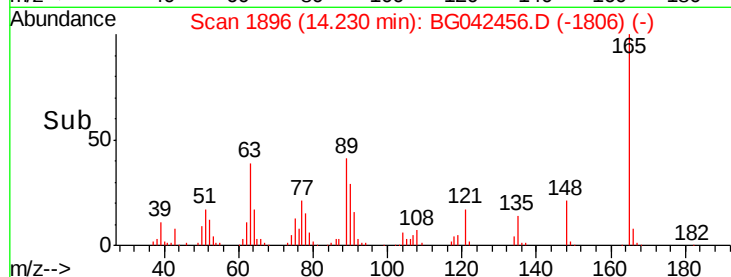
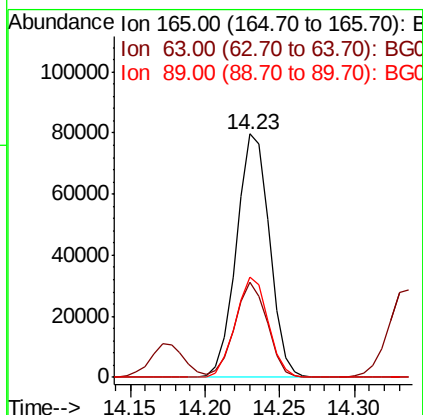
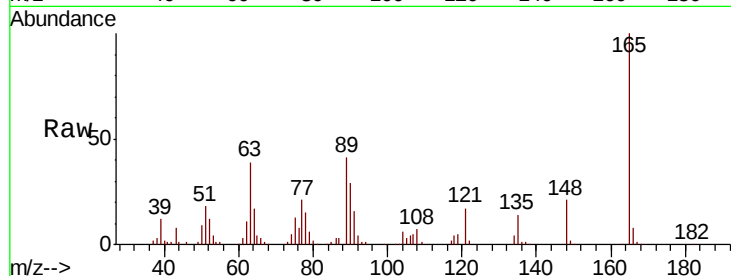




#51
 2,6-Dinitrotoluene
 Concen: 41.225 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

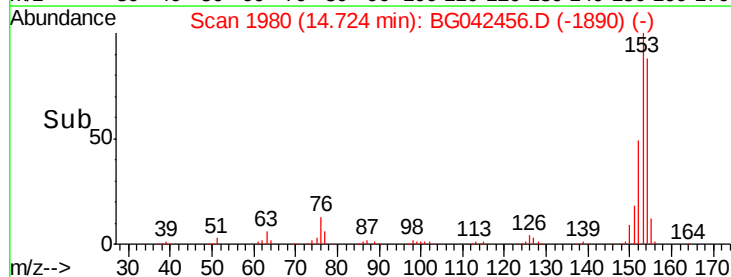
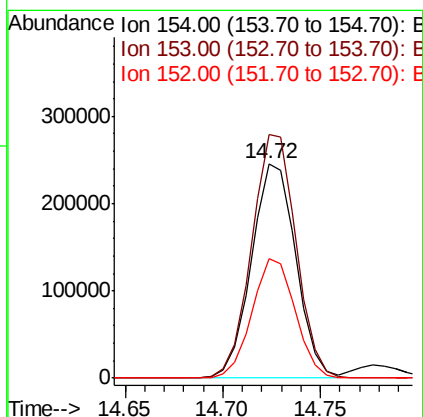
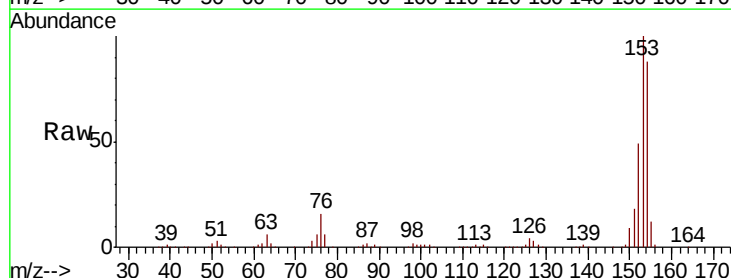
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.1	30.6	45.8
89	41.3	32.6	49.0



#52
 Acenaphthene
 Concen: 42.607 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.2	135.4
152	55.5	43.2	64.8





#53

3-Nitroaniline

Concen: 32.430 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

ClientSampled :

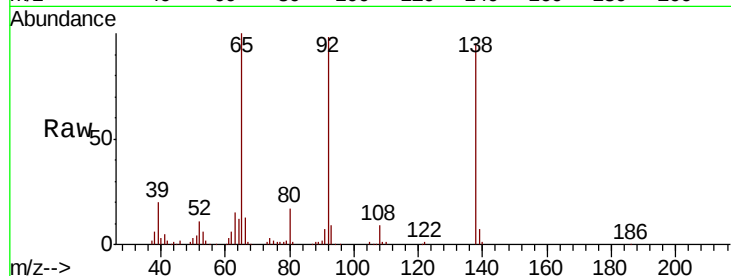
Tot Ion:138 Resp: 96760

Ion Ratio Lower Upper

138 100

108 9.1 8.3 12.5

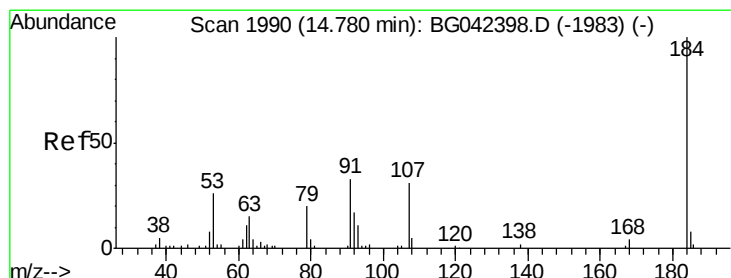
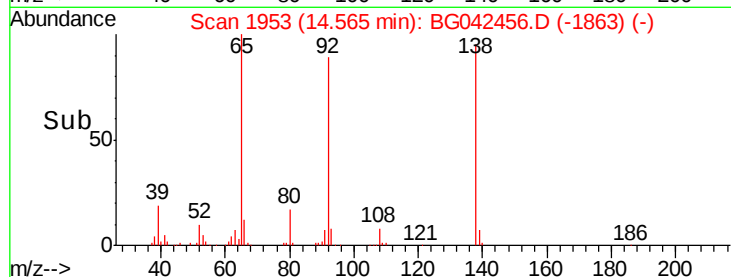
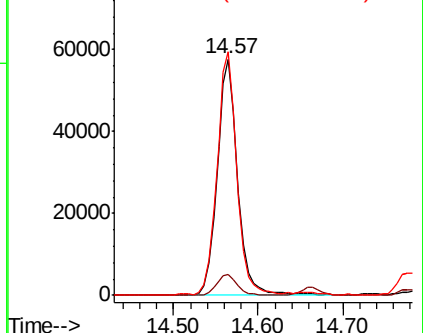
92 103.1 78.2 117.4



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: 33.197 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

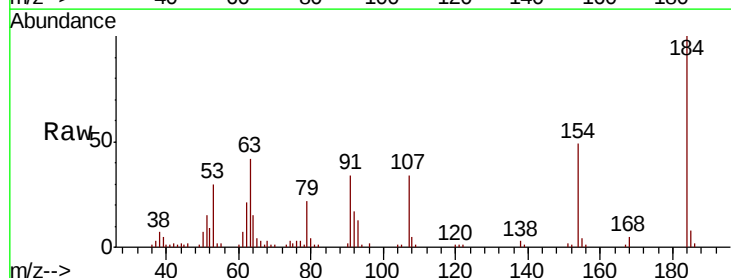
Tgt Ion:184 Resp: 58769

Ion Ratio Lower Upper

184 100

63 41.7 31.7 47.5

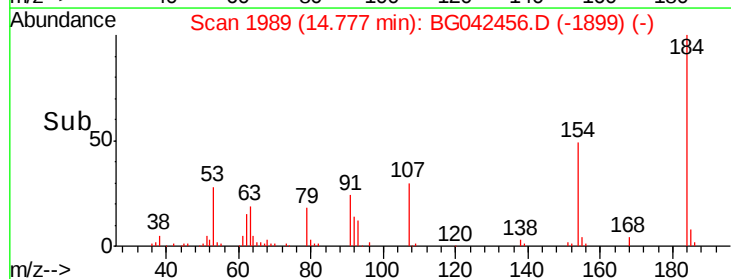
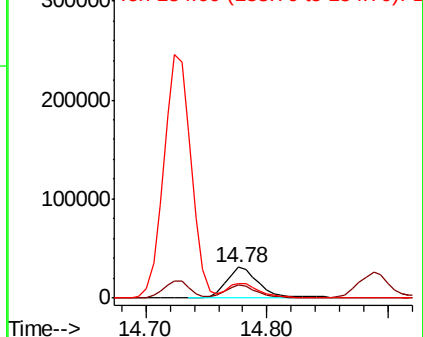
154 48.5 42.0 63.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

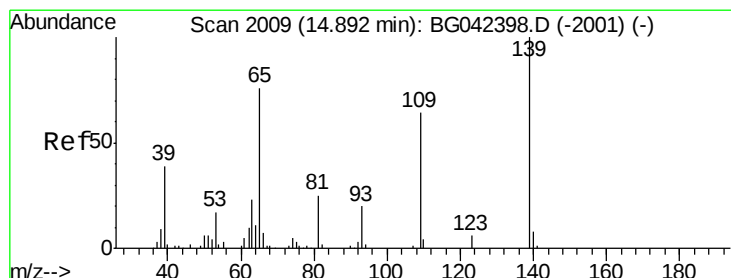
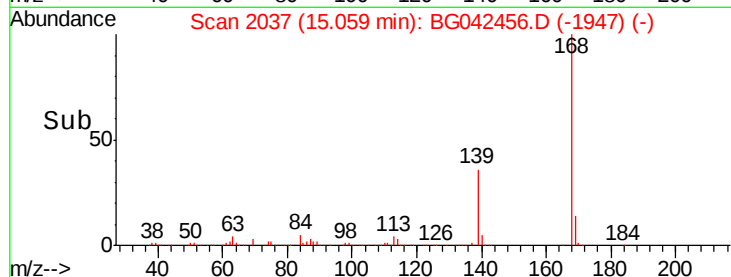
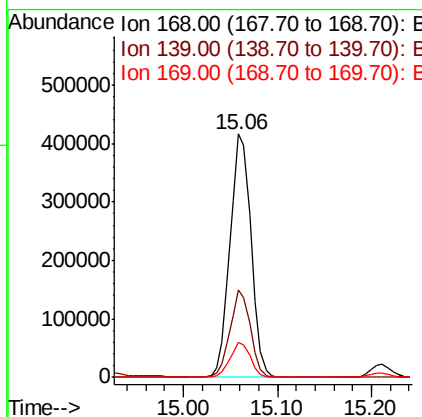
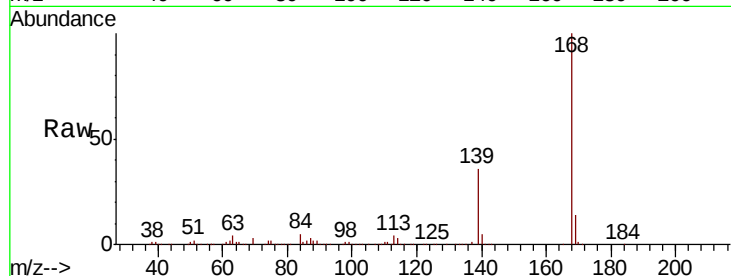




#55
Dibenzofuran
Concen: 42.942 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

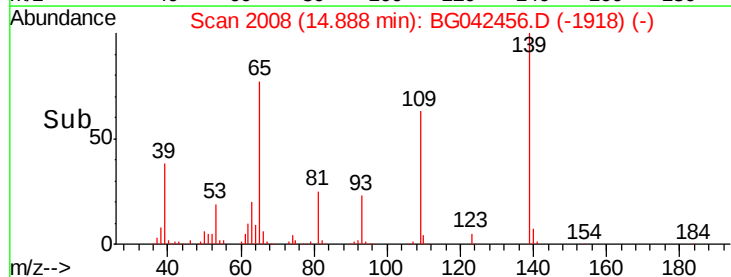
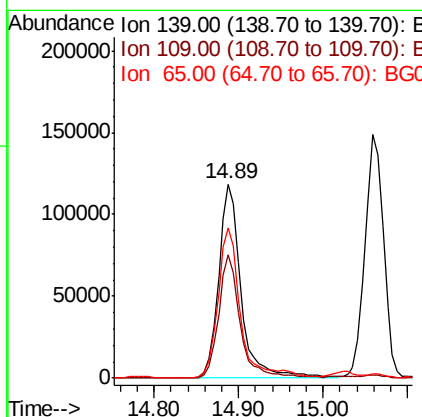
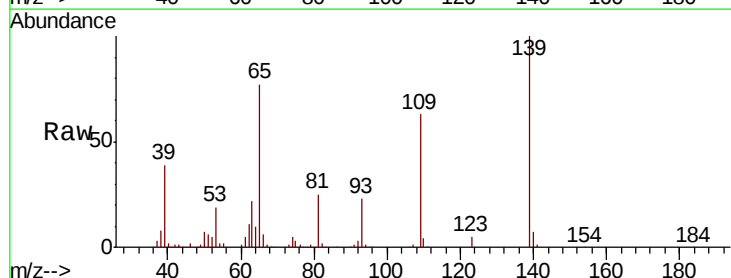
Instrument :
BNA_G
ClientSampled :

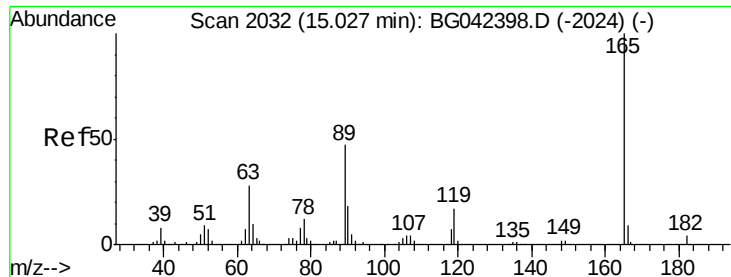
Tot Ion:168 Resp: 645619
Ion Ratio Lower Upper
168 100
139 35.7 27.2 40.8
169 14.5 11.5 17.3



#56
4-Nitrophenol
Concen: 103.286 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion:139 Resp: 218980
Ion Ratio Lower Upper
139 100
109 63.4 43.9 83.9
65 77.4 56.3 96.3

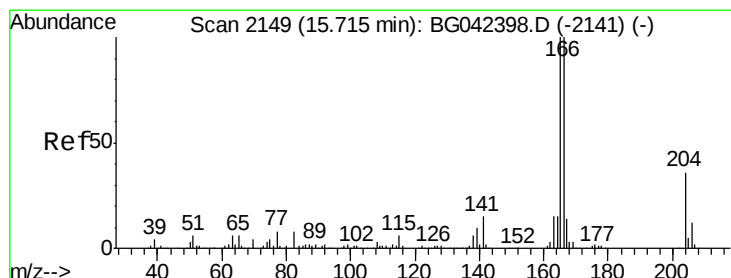
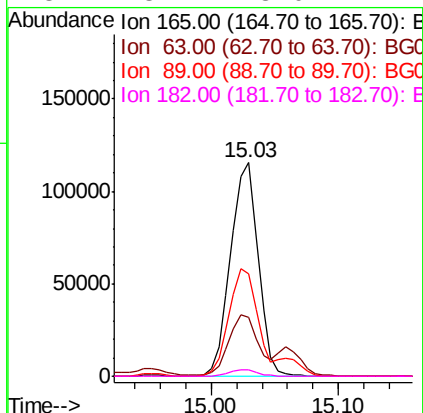
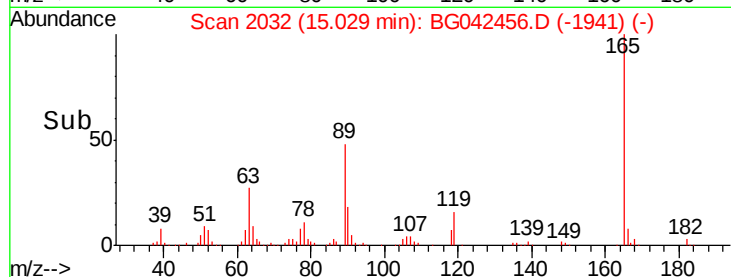
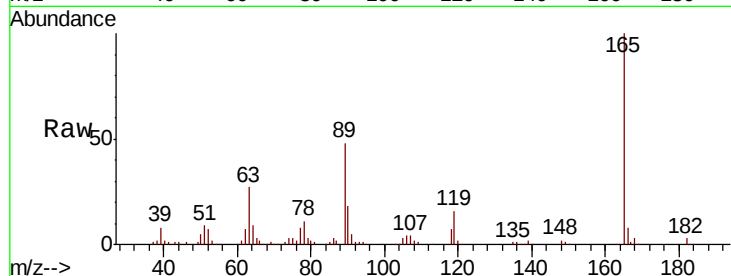




#57
 2,4-Dinitrotoluene
 Concen: 40.736 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

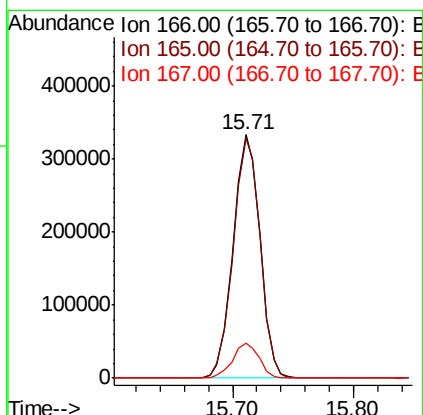
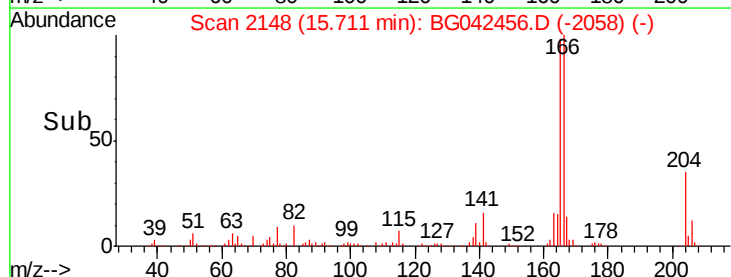
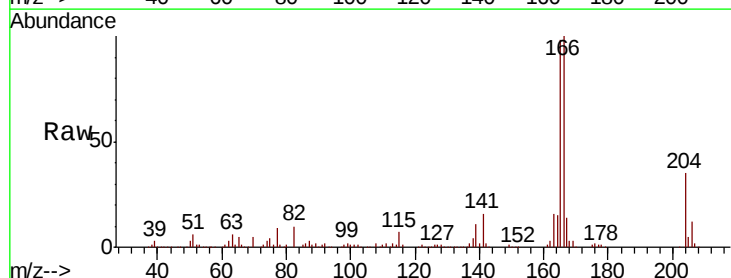
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	27.4	22.5	33.7
89	48.0	37.8	56.6
182	3.1	3.0	4.4



#58
 Fluorene
 Concen: 41.991 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.7	119.5
167	14.3	10.9	16.3

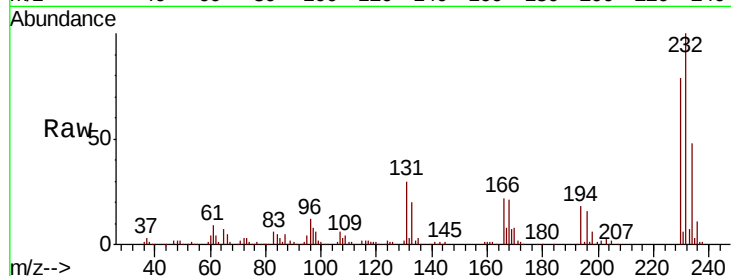




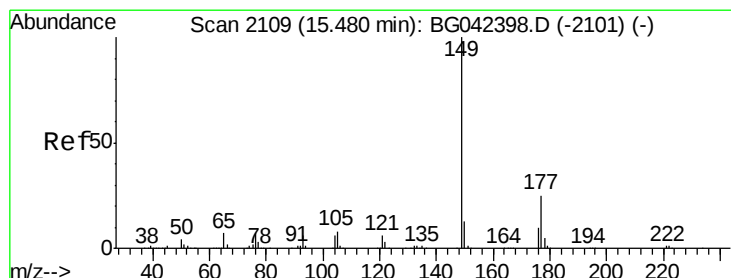
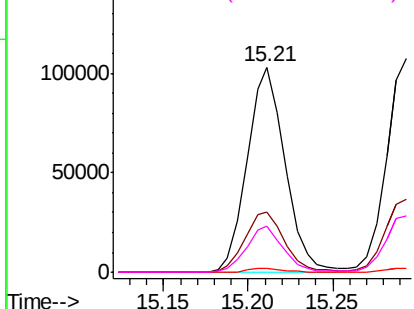
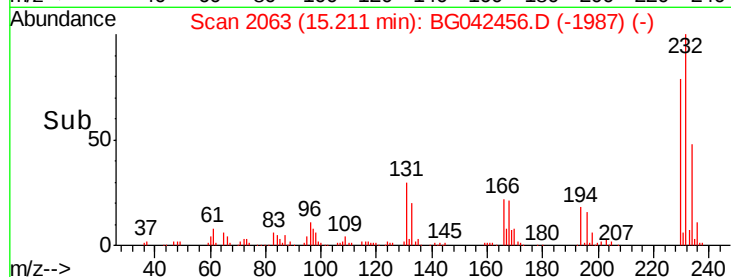
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.476 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	160613
Ion Ratio	Lower	Upper
232	100	
131	30.7	22.9 34.3
130	1.9	1.4 2.0
166	22.0	17.0 25.4

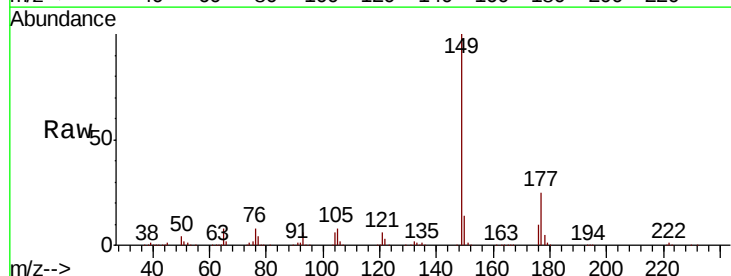


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

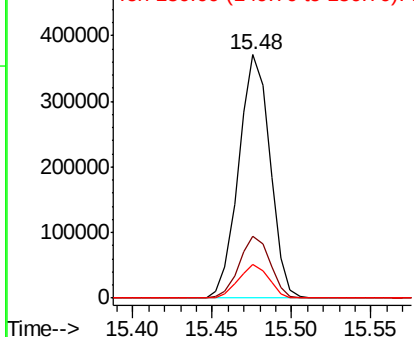
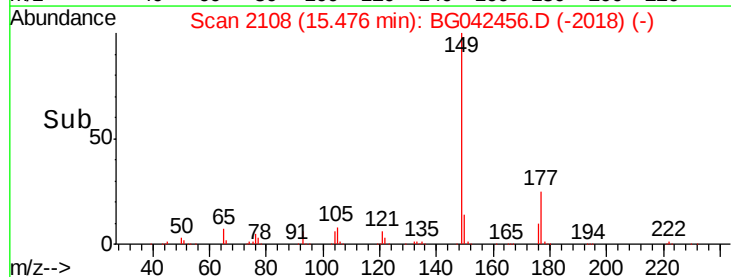


#60
 Diethylphthalate
 Concen: 40.522 ng
 RT: 15.48 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion:149	Resp:	509851
Ion Ratio	Lower	Upper
149	100	
177	25.4	20.4 30.6
150	13.7	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

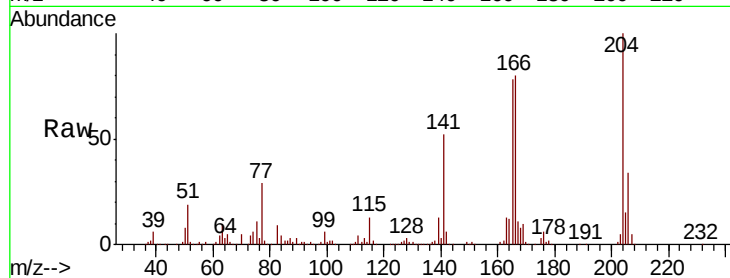




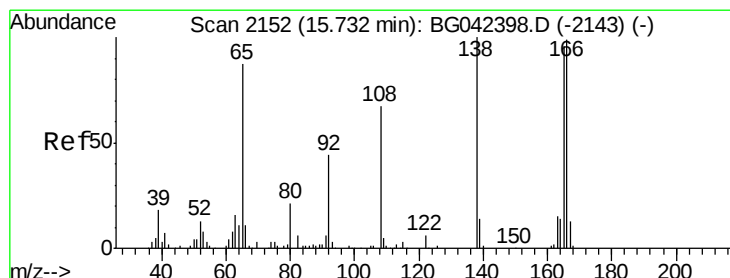
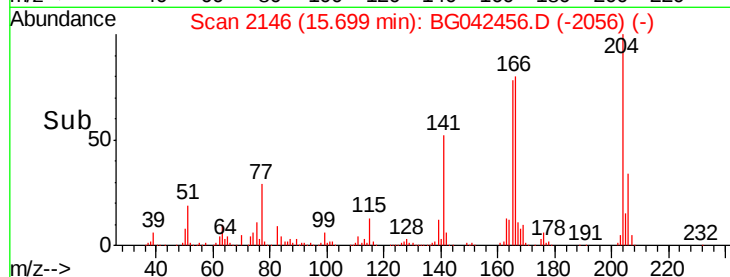
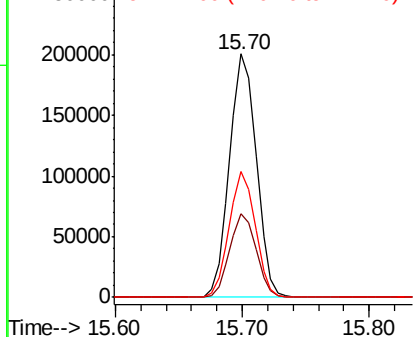
#61
4-Chlorophenyl-phenylether
Concen: 39.543 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 292962
Ion Ratio Lower Upper
204 100
206 34.2 27.2 40.8
141 51.8 38.7 58.1

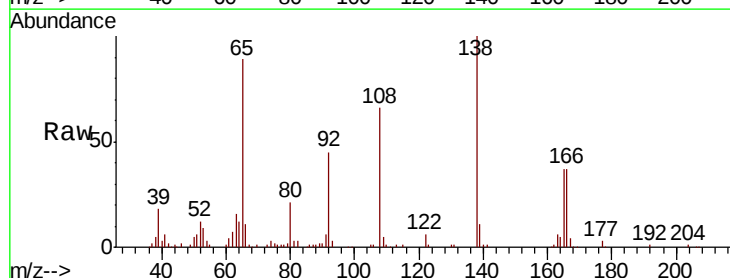


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

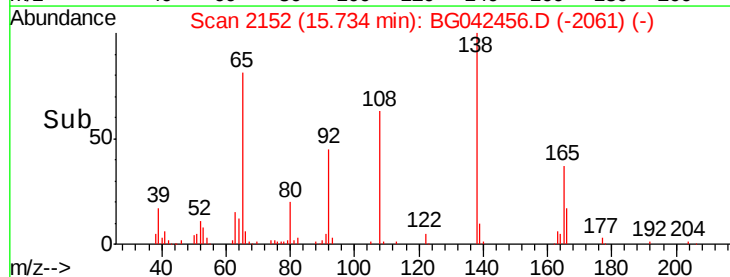
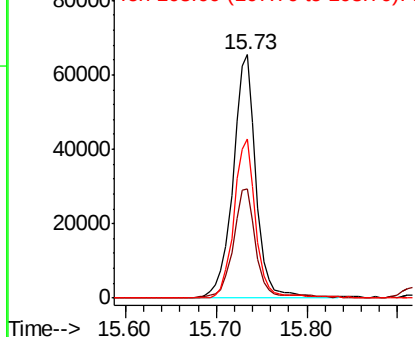


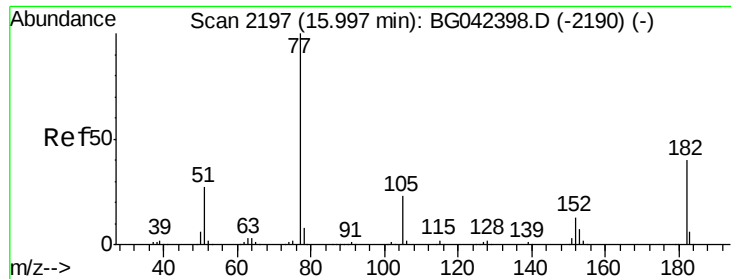
#62
4-Nitroaniline
Concen: 36.376 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion:138 Resp: 116160
Ion Ratio Lower Upper
138 100
92 45.0 24.2 64.2
108 65.5 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

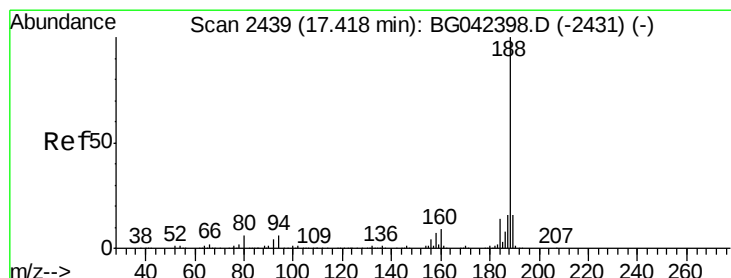
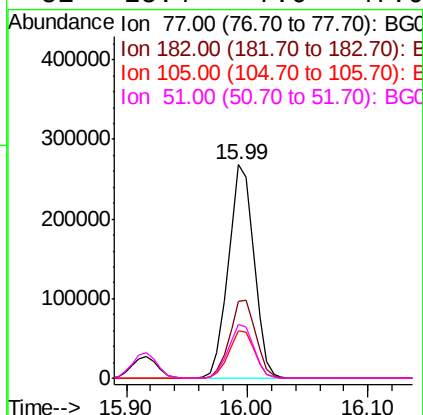
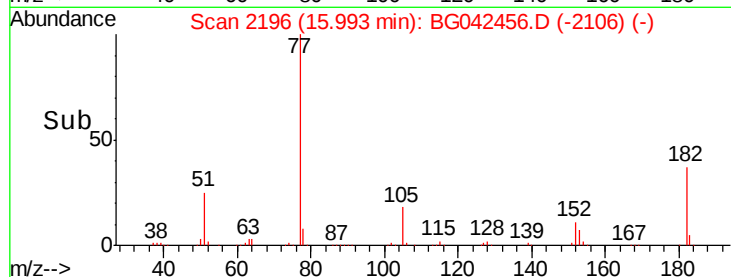
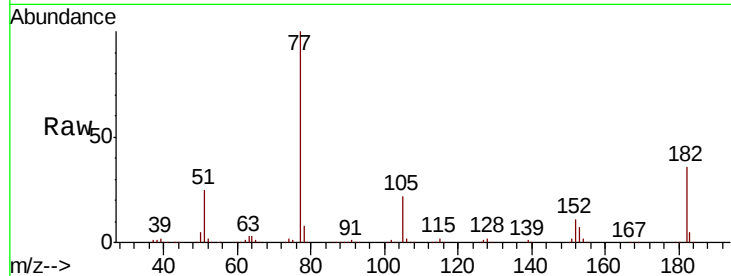




#63
Azobenzene
Concen: 45.717 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

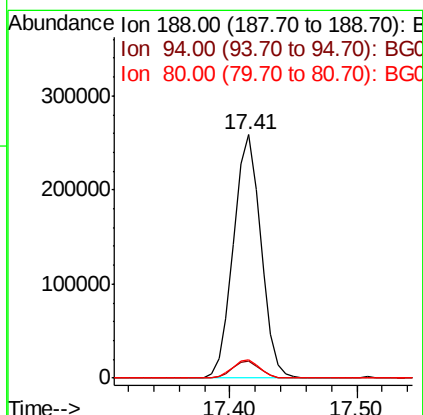
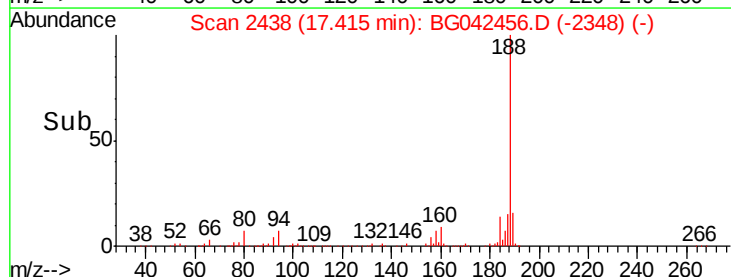
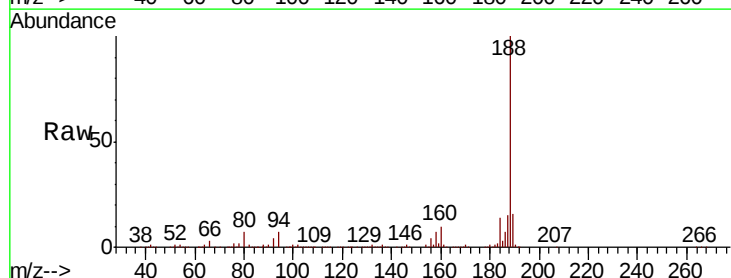
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	35.8	19.9	59.9	
105	22.2	2.9	42.9	
51	25.4	7.6	47.6	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.2	4.5	6.7#	
80	7.5	4.9	7.3#	





#65

4,6-Dinitro-2-methylphenol

Concen: 22.418 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

ClientSampled :

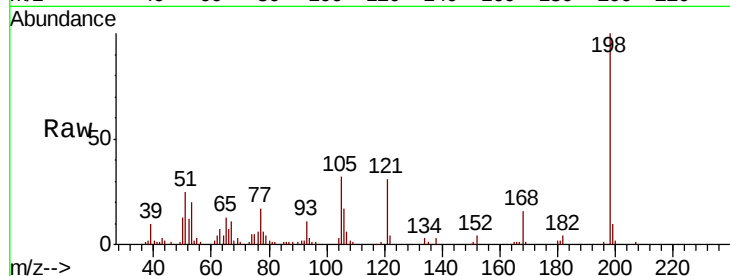
Tot Ion:198 Resp: 54359

Ion	Ratio	Lower	Upper
198	100		
51	25.5	4.2	44.2
105	32.2	8.8	48.8

198 100

51 25.5 4.2 44.2

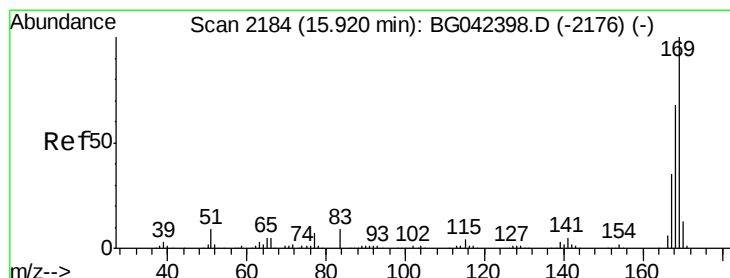
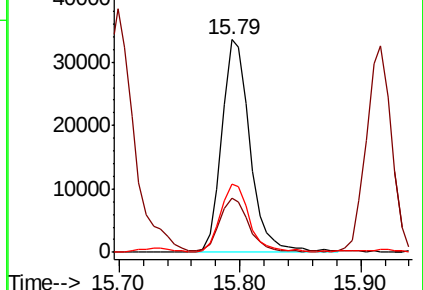
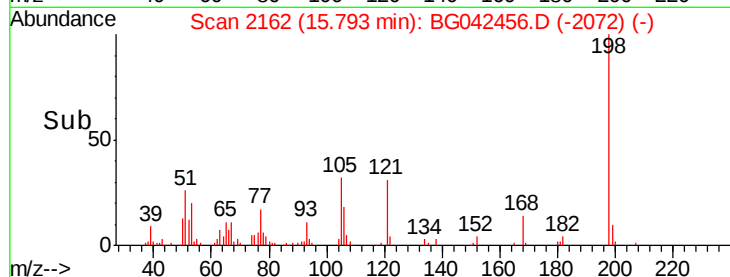
105 32.2 8.8 48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.732 ng

RT: 15.92 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

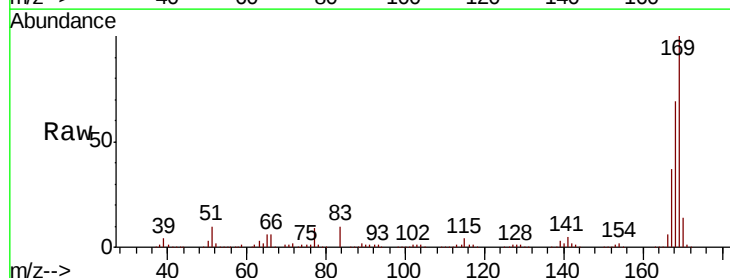
Tgt Ion:169 Resp: 475770

Ion	Ratio	Lower	Upper
169	100		
168	69.1	54.3	81.5
167	37.1	28.2	42.2

169 100

168 69.1 54.3 81.5

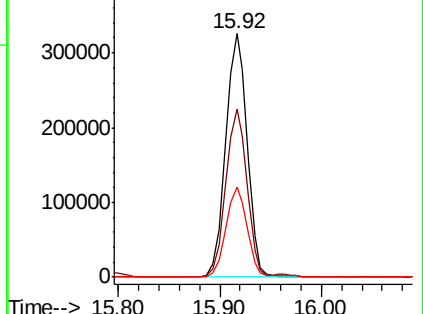
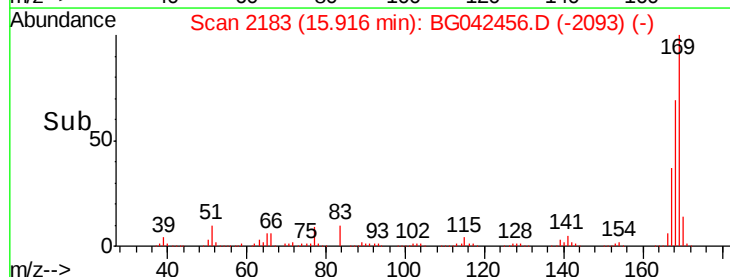
167 37.1 28.2 42.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

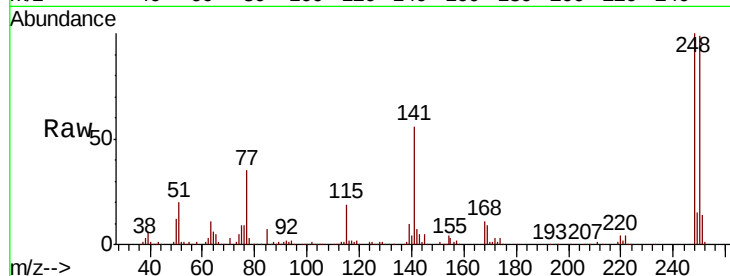




#67
 4-Bromophenyl-phenylether
 Concen: 40.693 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.9	118.3
141	56.1	43.3	64.9

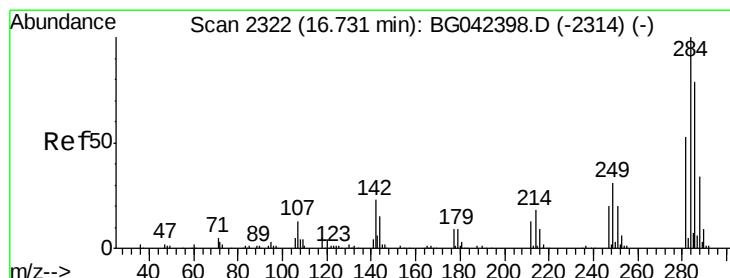
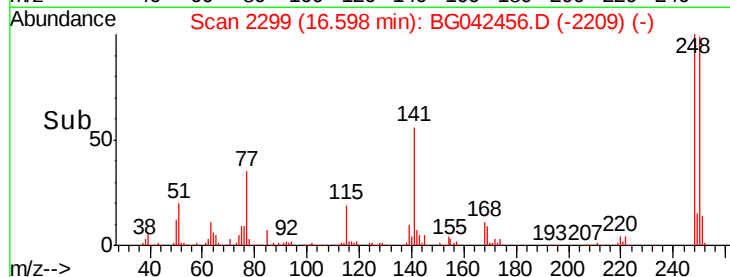
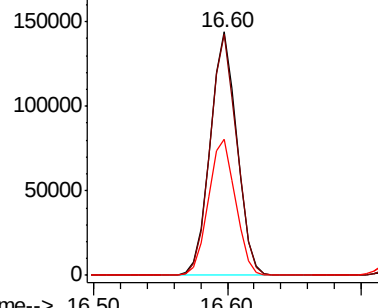


Abundance

Ion 248.00 (247.70 to 248.70): E

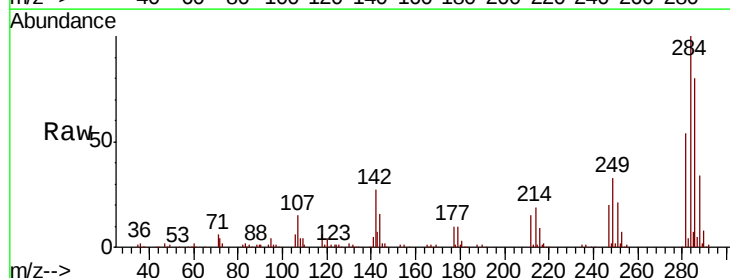
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.964 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.8	18.2	27.4
249	32.9	25.0	37.4

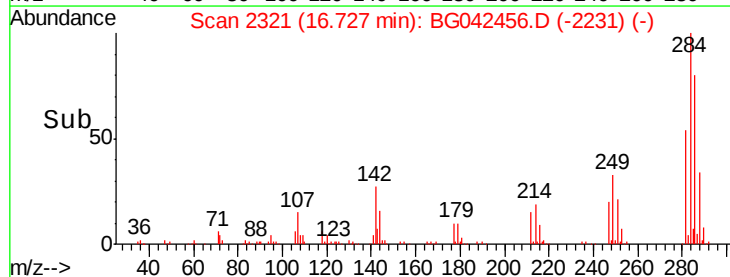
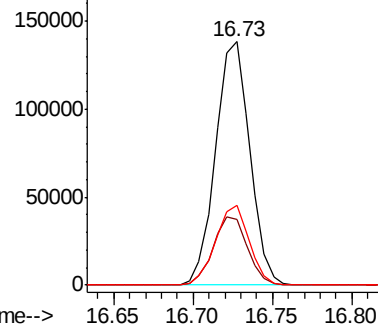


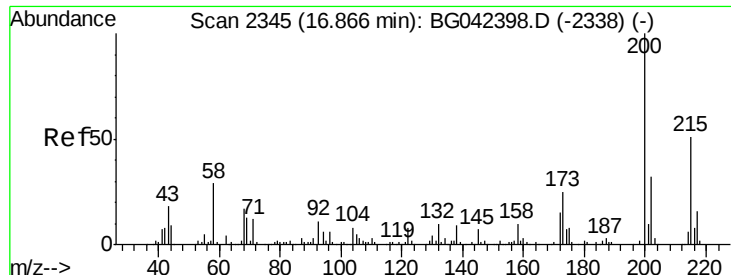
Abundance

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: 47.045 ng

RT: 16.87 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

ClientSampleId :

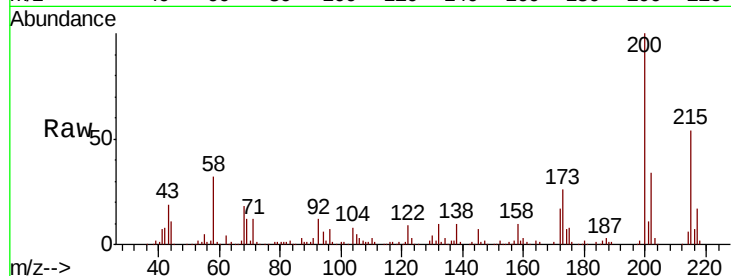
Tot Ion:200 Resp: 176947

Ion Ratio Lower Upper

200 100

173 26.0 4.9 44.9

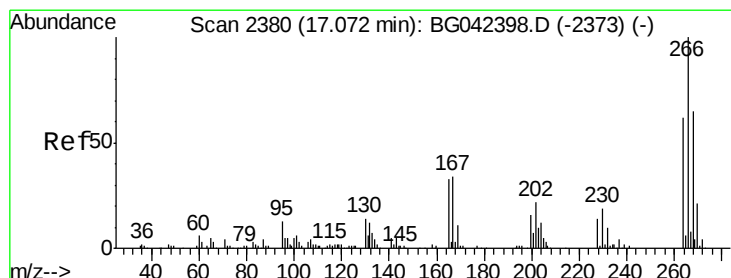
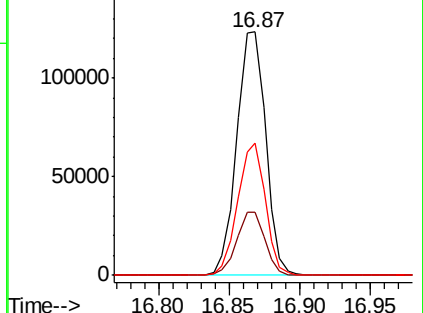
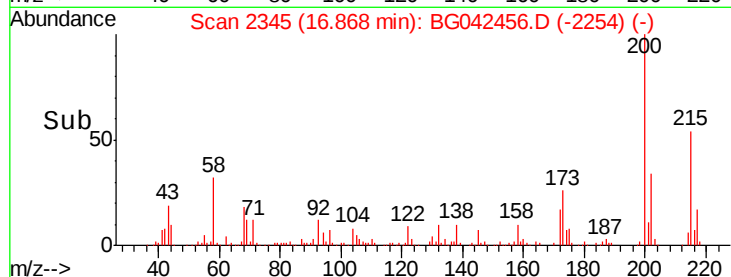
215 54.3 30.7 70.7



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: 89.882 ng

RT: 17.07 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

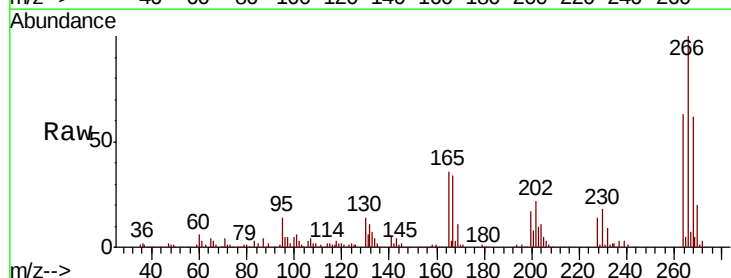
Tgt Ion:266 Resp: 249053

Ion Ratio Lower Upper

266 100

268 61.8 52.1 78.1

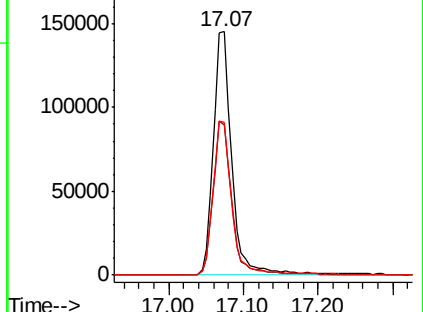
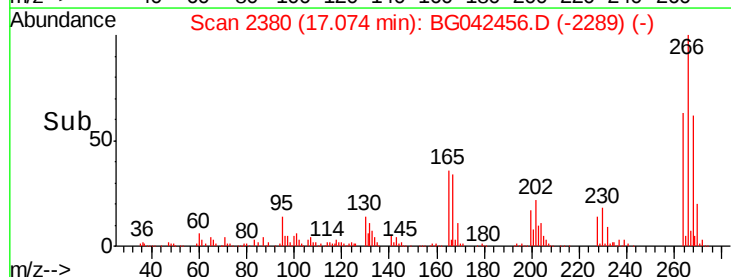
264 62.7 49.4 74.2

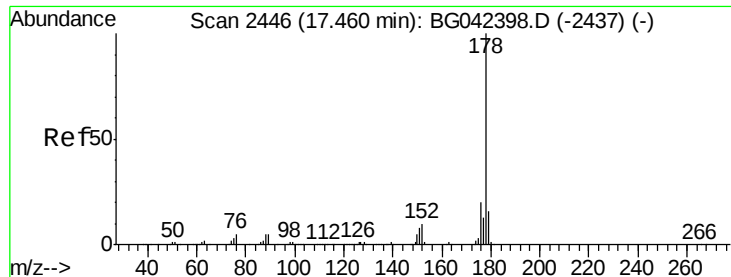


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

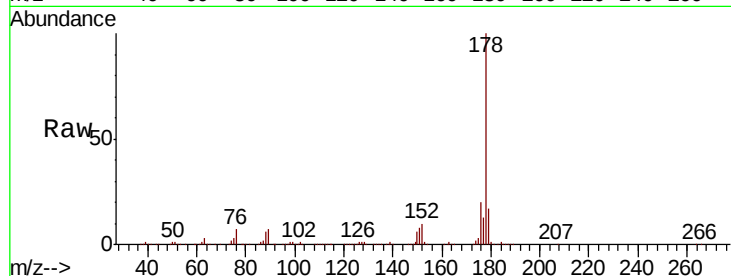




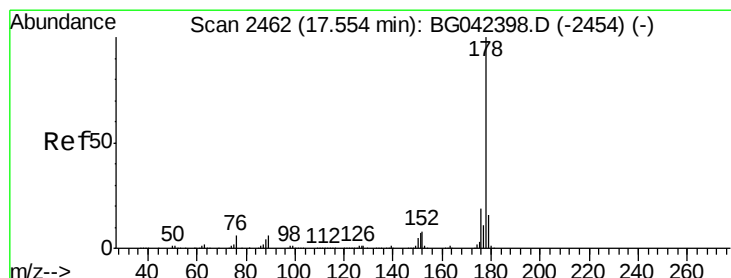
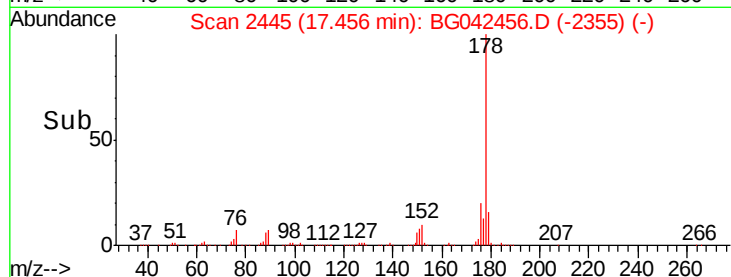
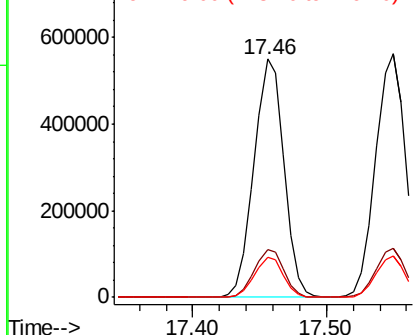
#71
Phenanthrene
Concen: 44.214 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 849393
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 17.0 12.7 19.1

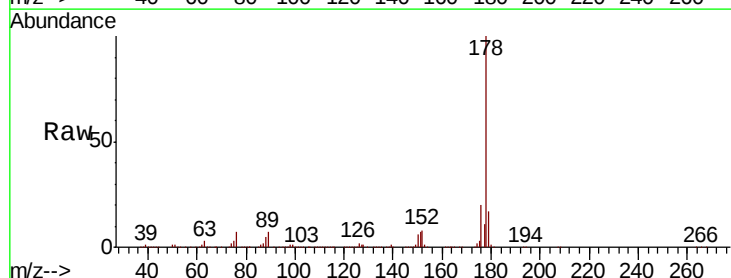


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

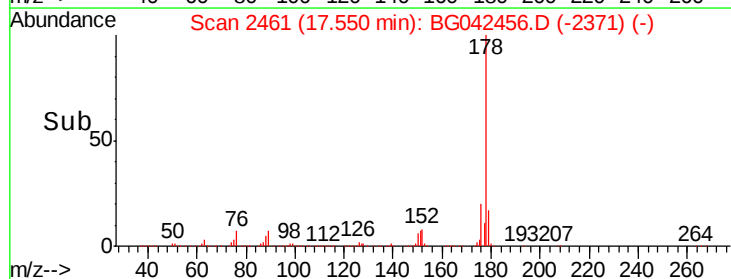
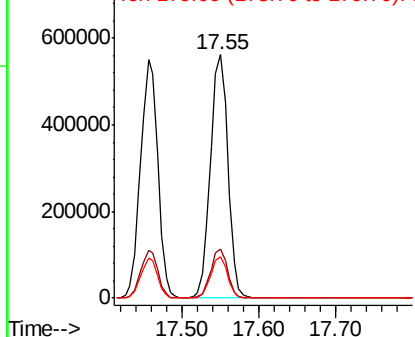


#72
Anthracene
Concen: 45.530 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion:178 Resp: 873173
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 17.1 12.9 19.3



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

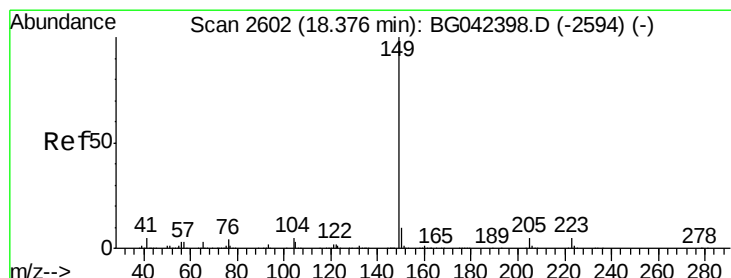
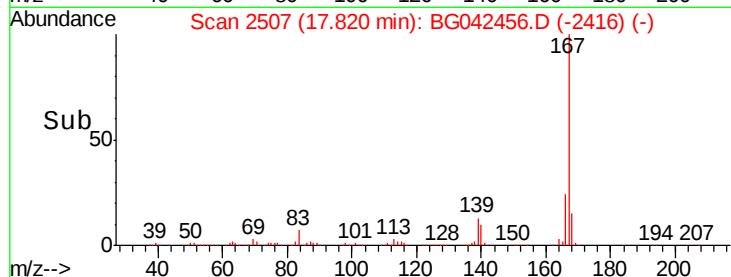
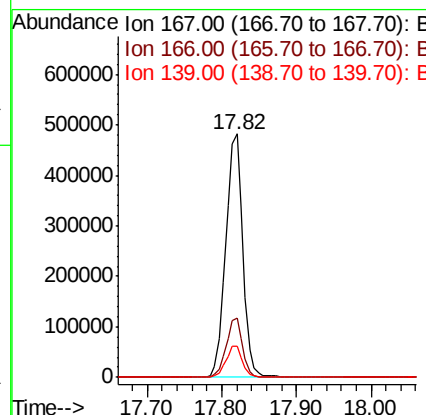
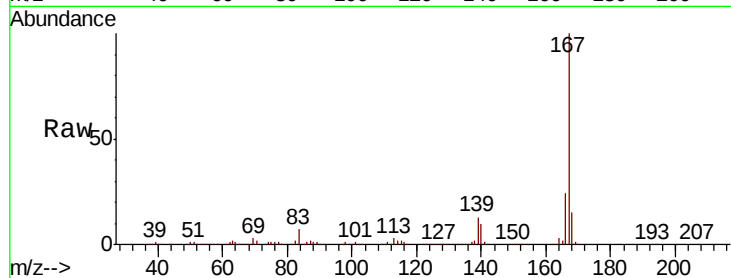




#73
 Carbazole
 Concen: 44.945 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

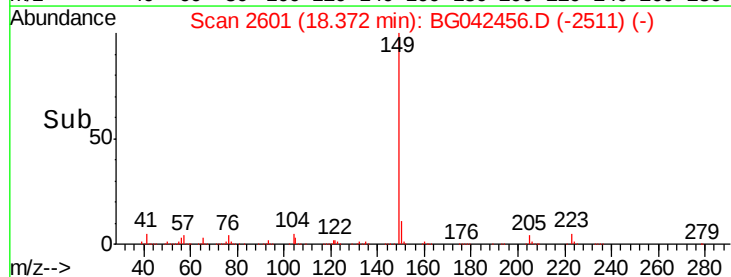
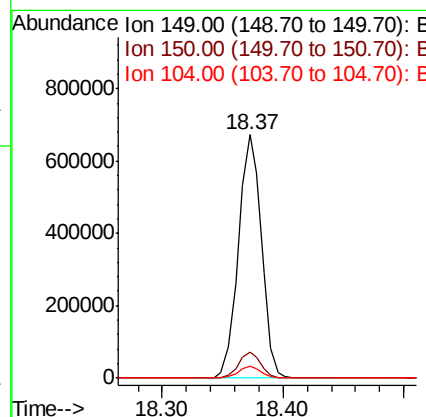
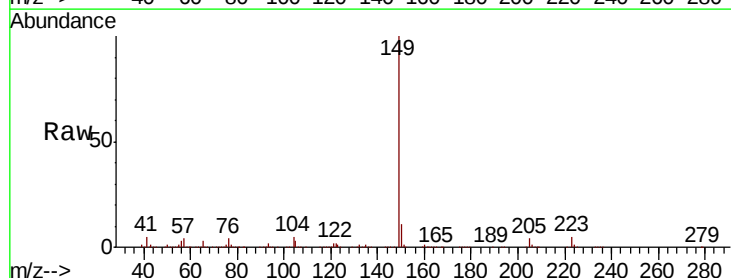
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.9	28.3
139	12.7	9.8	14.6



#74
 Di-n-butylphthalate
 Concen: 44.244 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.1	12.1
104	4.8	3.7	5.5





#75

Fluoranthene

Concen: 44.819 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

ClientSampleId :

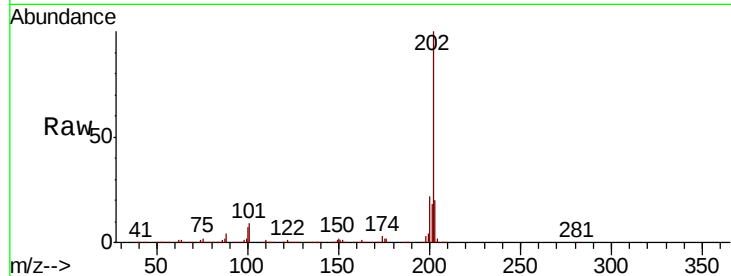
Tot Ion:202 Resp: 1050808

Ion Ratio Lower Upper

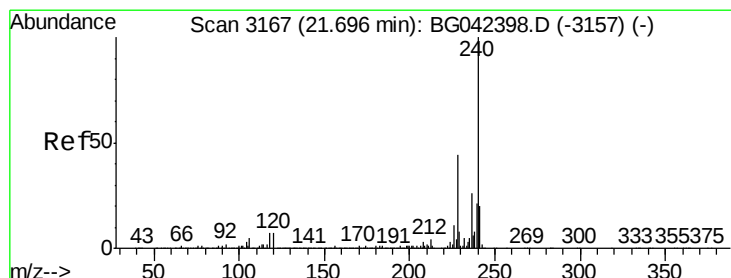
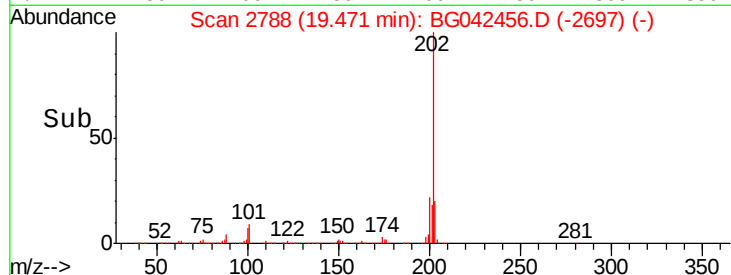
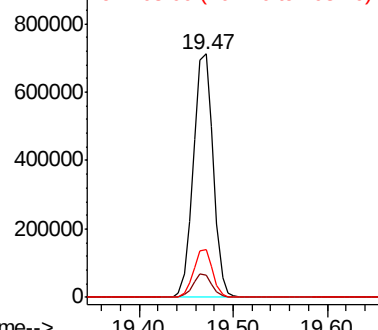
202 100

101 8.9 0.0 28.3

203 19.7 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

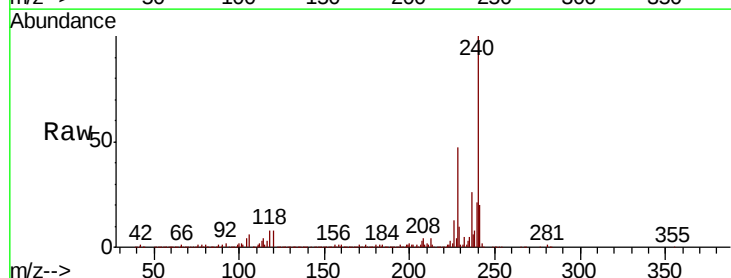
Tgt Ion:240 Resp: 380706

Ion Ratio Lower Upper

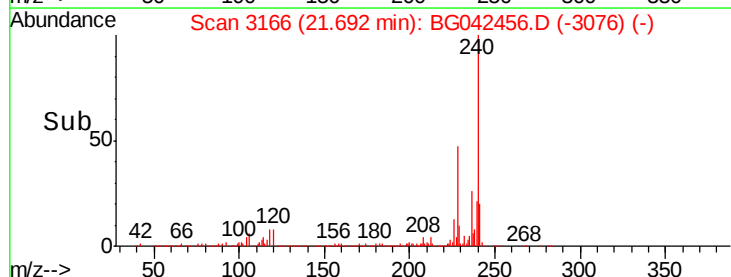
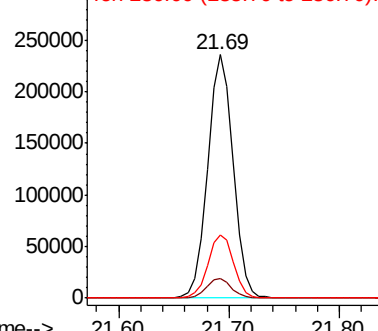
240 100

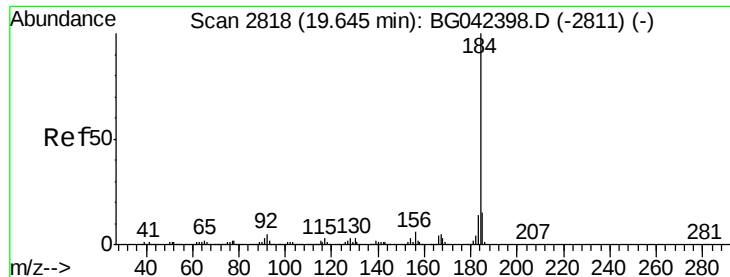
120 8.1 5.7 8.5

236 25.8 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 58.510 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

ClientSampled :

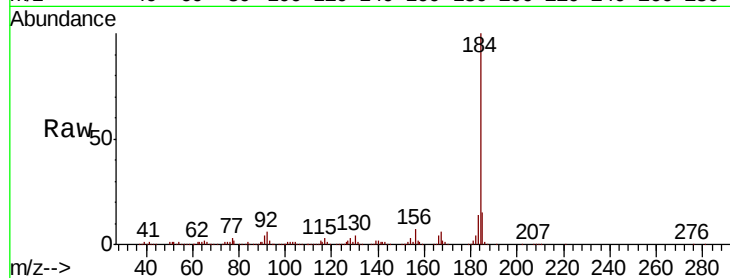
Tot Ion:184 Resp: 638640

Ion Ratio Lower Upper

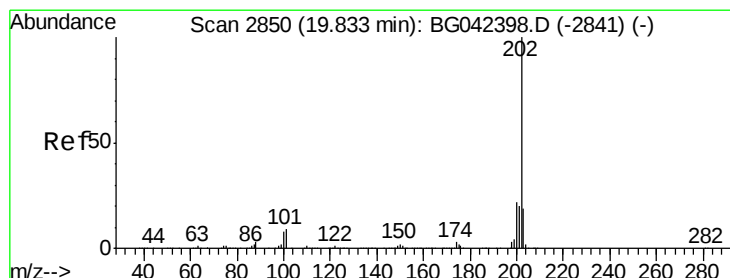
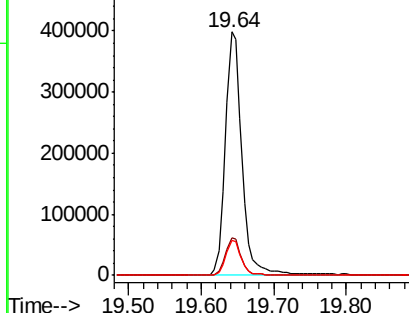
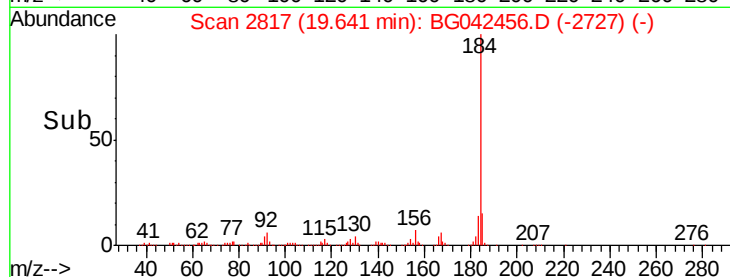
184 100

185 15.3 12.2 18.4

183 14.2 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.861 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

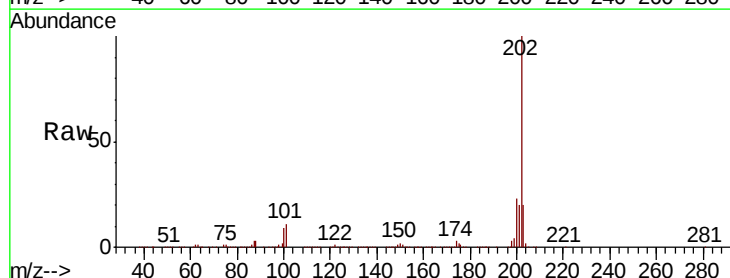
Tgt Ion:202 Resp: 1047099

Ion Ratio Lower Upper

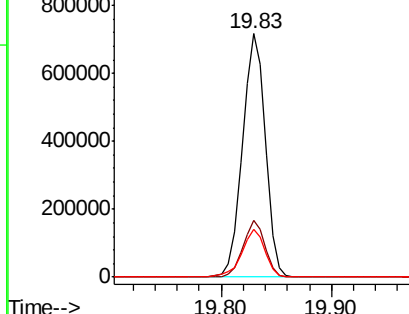
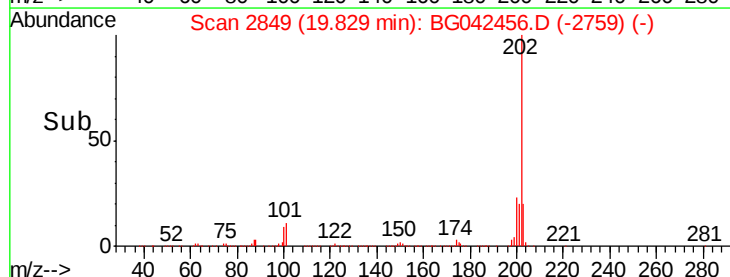
202 100

200 23.4 17.8 26.6

203 19.8 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: 80.347 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

ClientSampled :

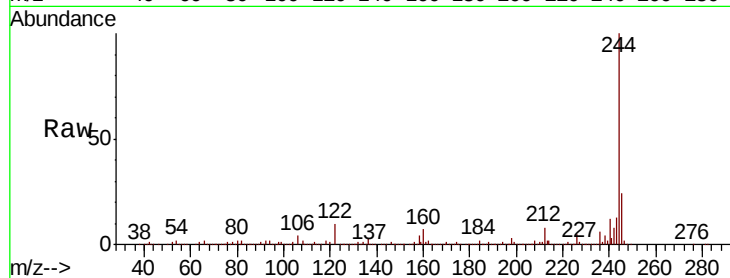
Tot Ion:244 Resp: 1414876

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

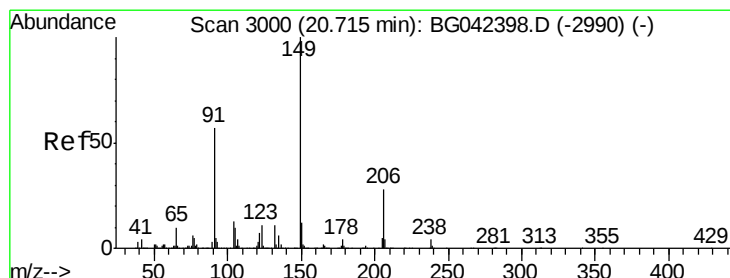
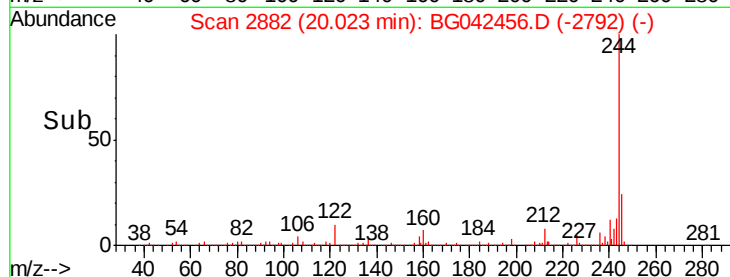
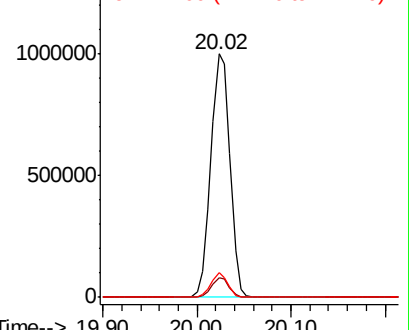
122 10.0 6.7 10.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.375 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

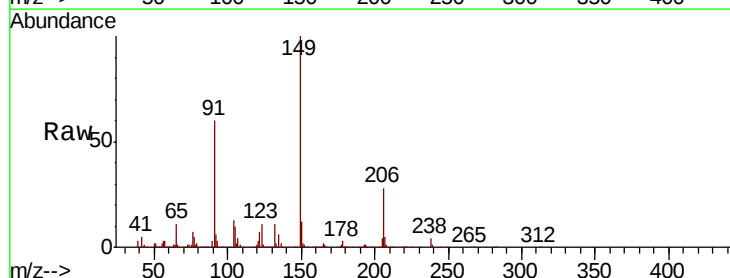
Tgt Ion:149 Resp: 416563

Ion Ratio Lower Upper

149 100

91 59.8 45.9 68.9

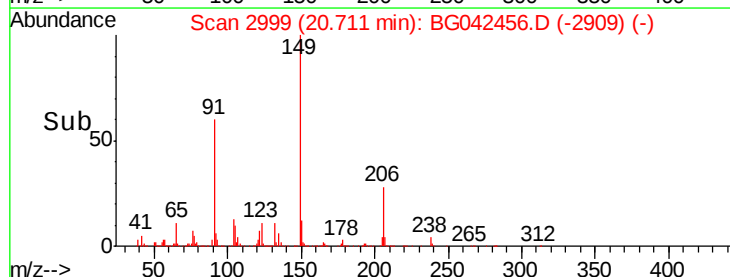
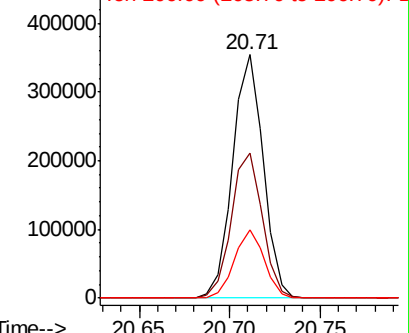
206 27.9 22.5 33.7

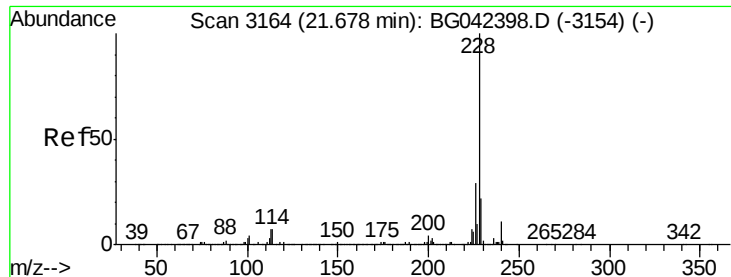


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.084 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

ClientSampleId :

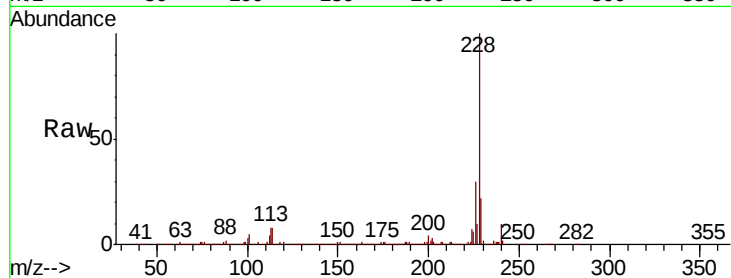
Tot Ion:228 Resp: 997775

Ion Ratio Lower Upper

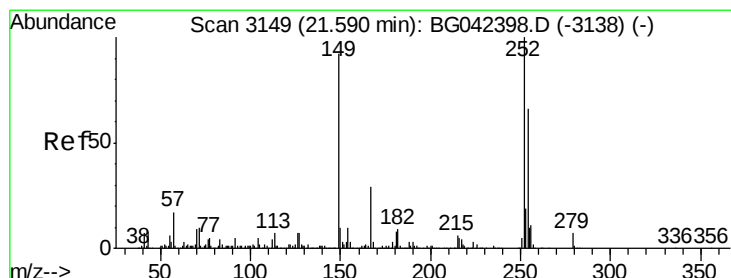
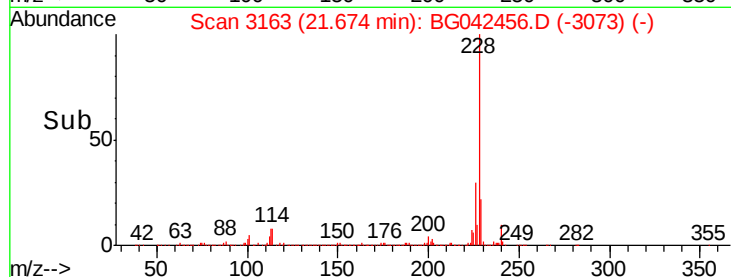
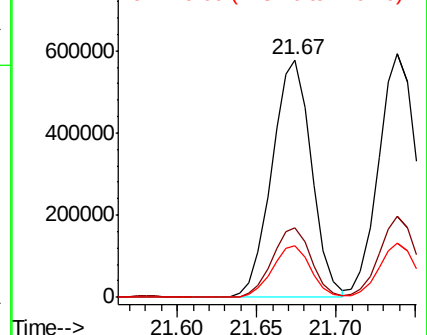
228 100

226 29.5 23.4 35.2

229 21.8 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E
800000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.047 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

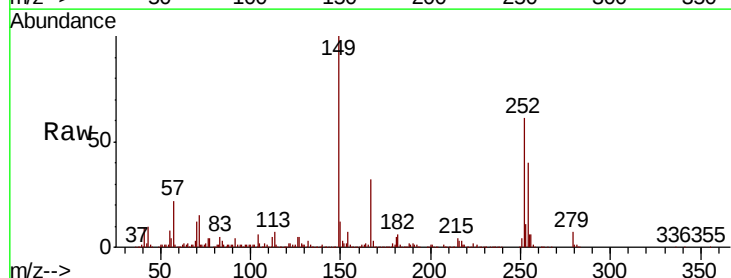
Tgt Ion:252 Resp: 335745

Ion Ratio Lower Upper

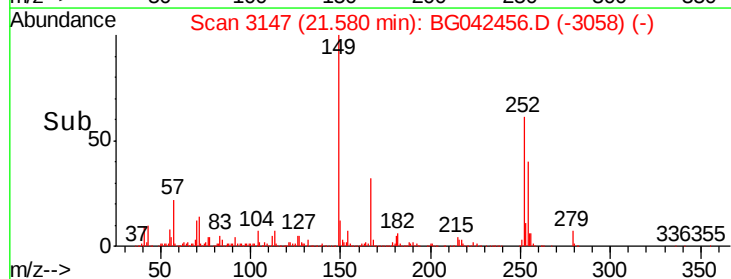
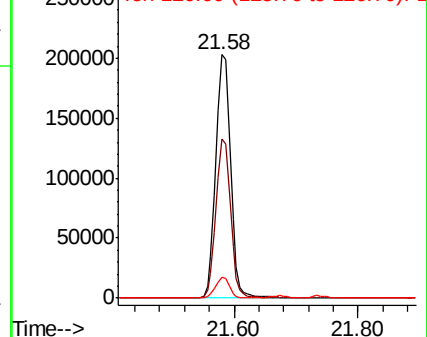
252 100

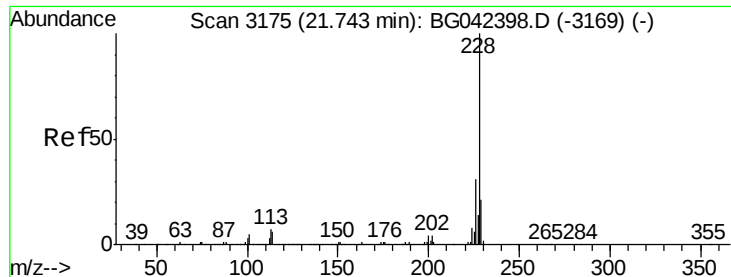
254 65.3 53.0 79.4

126 8.7 5.7 8.5#



Abundance Ion 252.00 (251.70 to 252.70): E
250000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.840 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

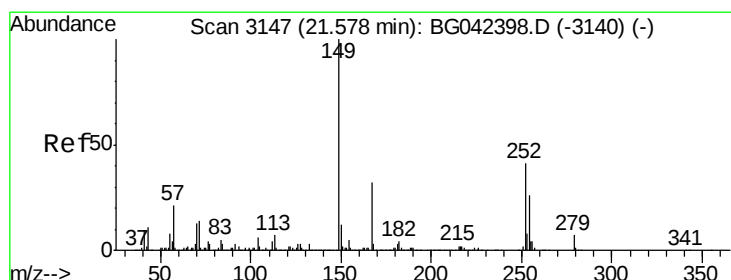
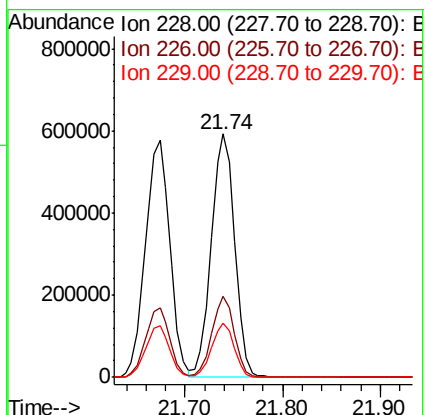
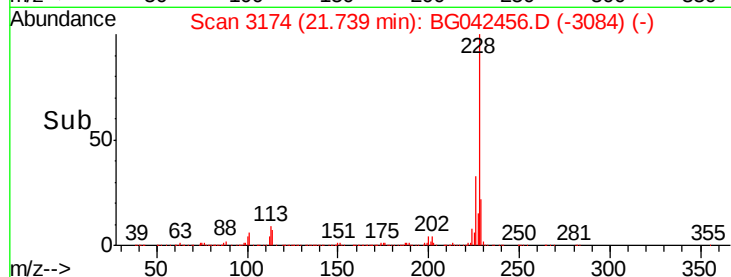
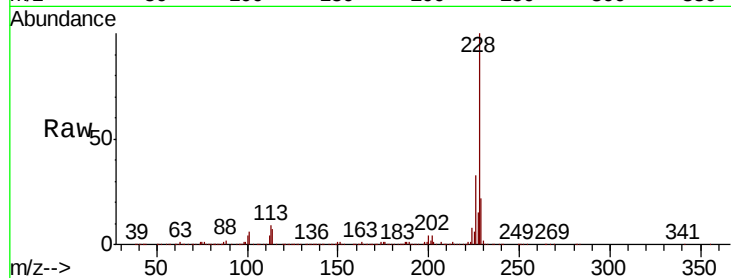
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 979158

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.9	37.3
229	22.2	16.9	25.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.629 ng

RT: 21.57 min Scan# 3146

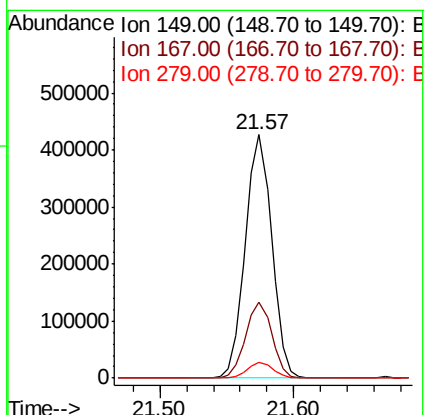
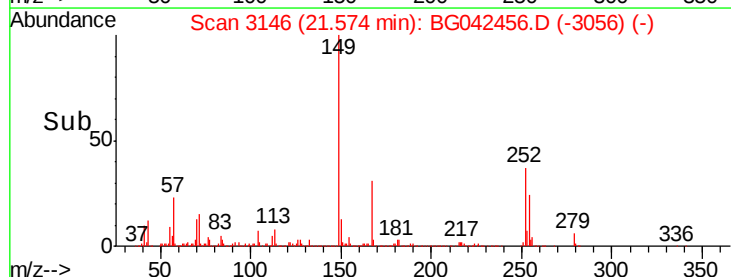
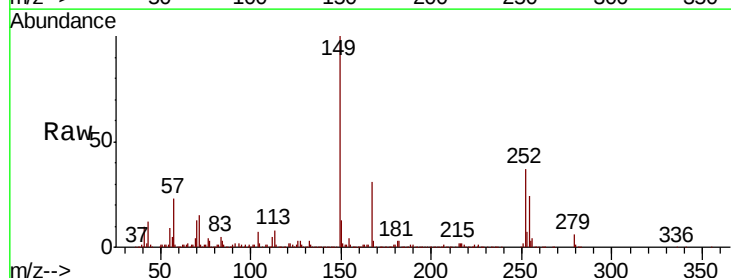
Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Tgt Ion:149 Resp: 581612

Ion	Ratio	Lower	Upper
149	100		
167	31.1	26.0	39.0
279	6.4	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 45.721 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

ClientSampleId :

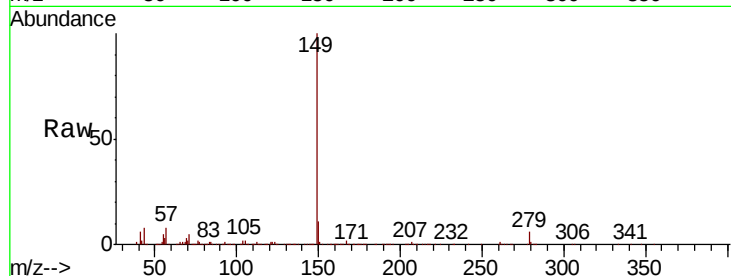
Tot Ion:149 Resp: 1002349

Ion Ratio Lower Upper

149 100

167 2.0 1.6 2.4

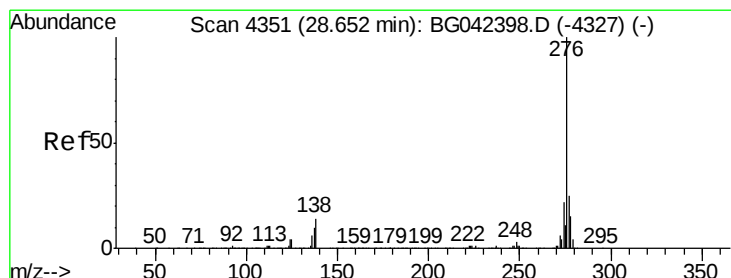
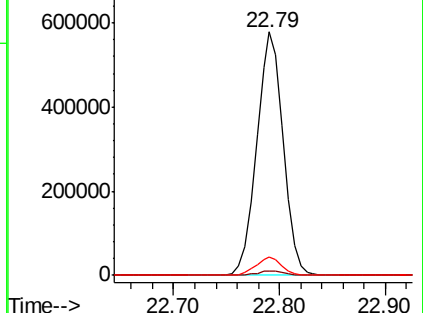
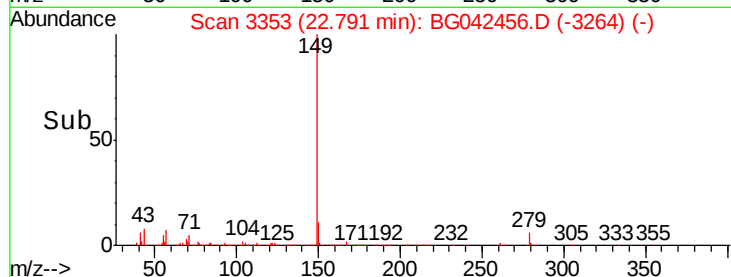
43 7.2 5.3 7.9



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: 40.115 ng

RT: 28.65 min Scan# 4350

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

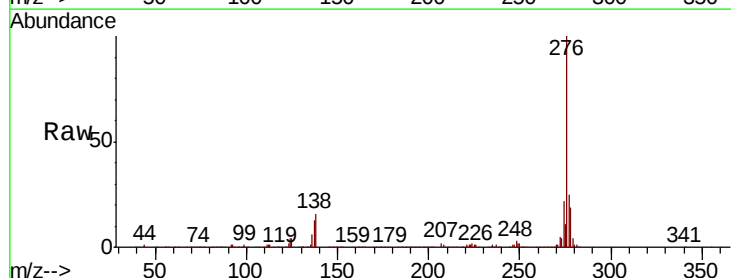
Tgt Ion:276 Resp: 1217601

Ion Ratio Lower Upper

276 100

138 11.9 9.2 13.8

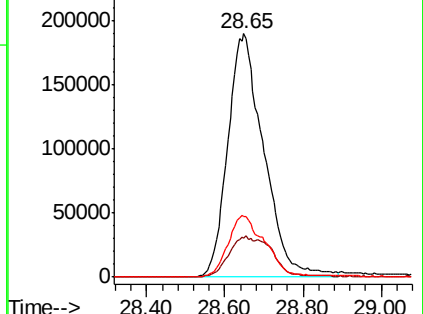
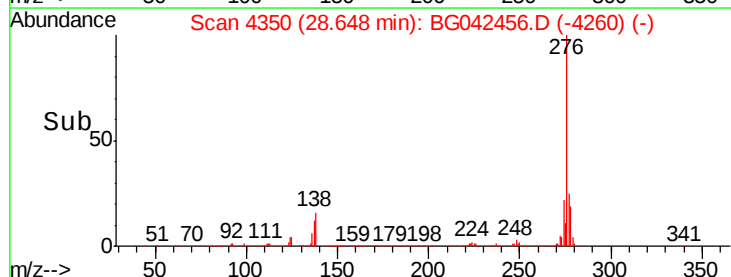
277 26.1 21.0 31.6

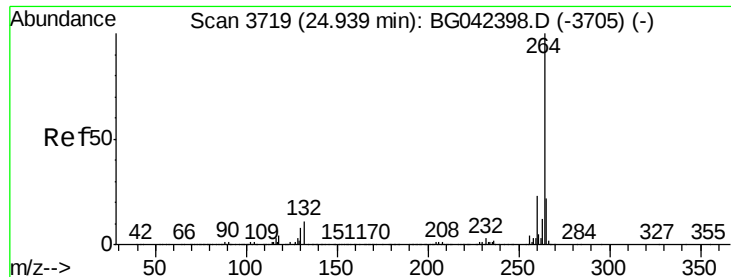


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

ClientSampleId :

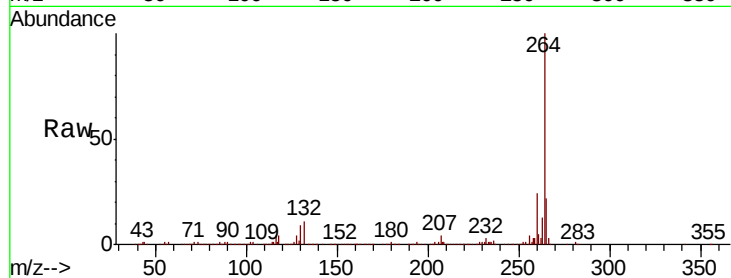
Tot Ion:264 Resp: 451573

Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 22.0 17.6 26.4

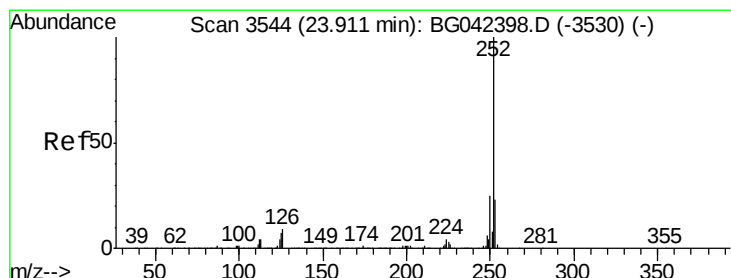
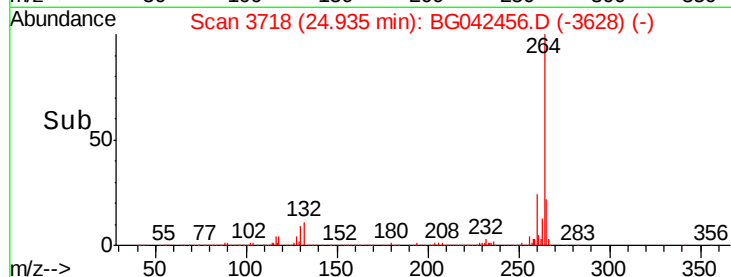
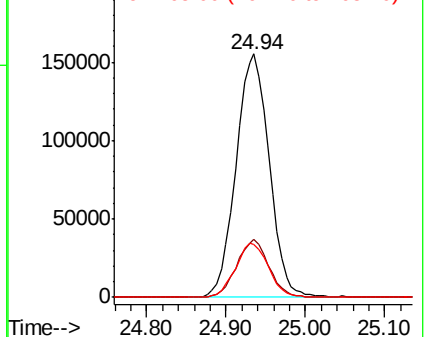


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.684 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

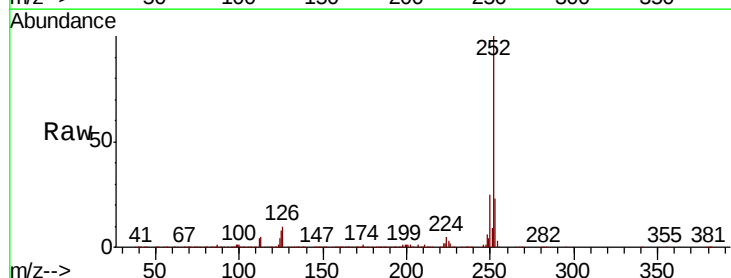
Tgt Ion:252 Resp: 1109315

Ion Ratio Lower Upper

252 100

253 23.3 18.6 27.8

125 8.1 5.6 8.4

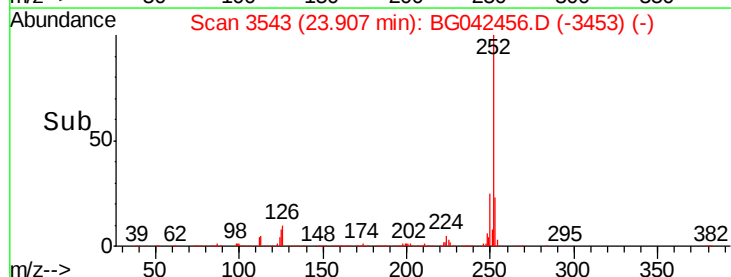
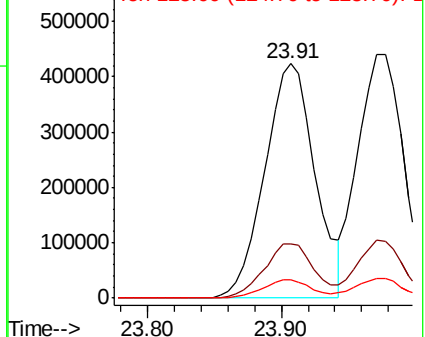


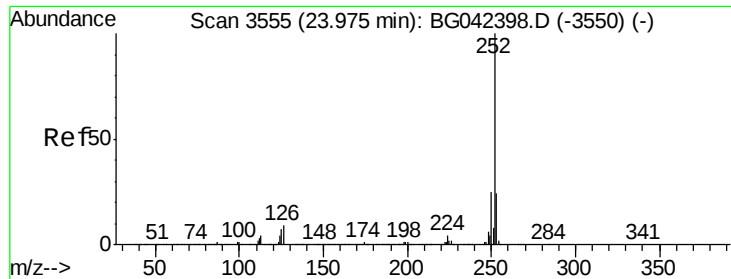
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

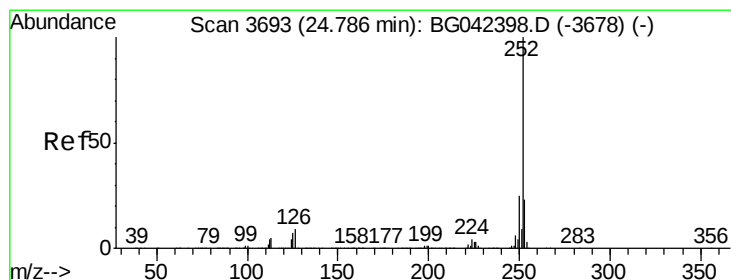
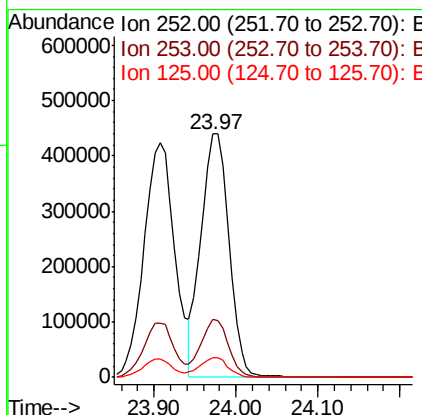
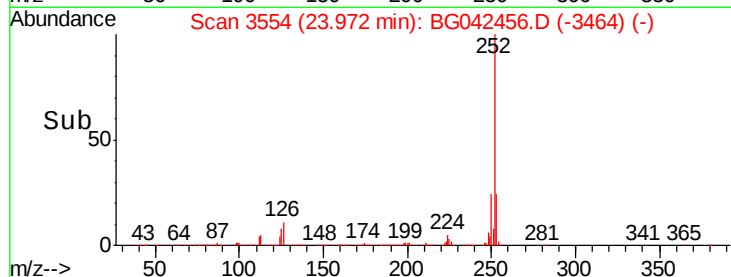
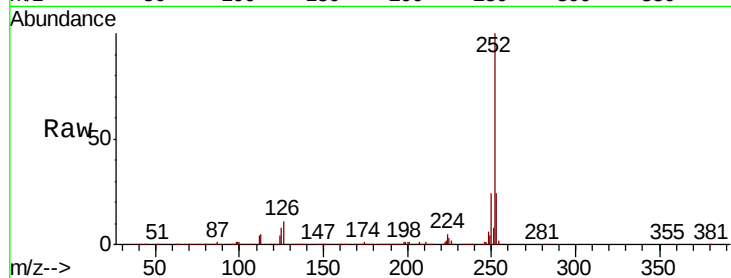




#89
Benzo(k)fluoranthene
Concen: 43.932 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

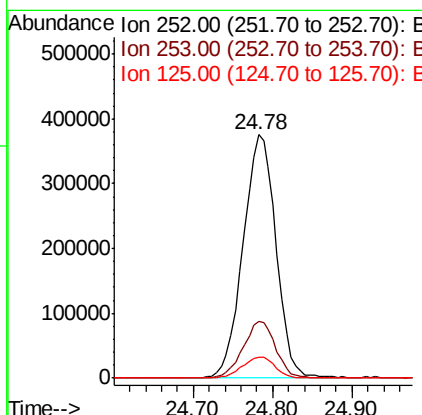
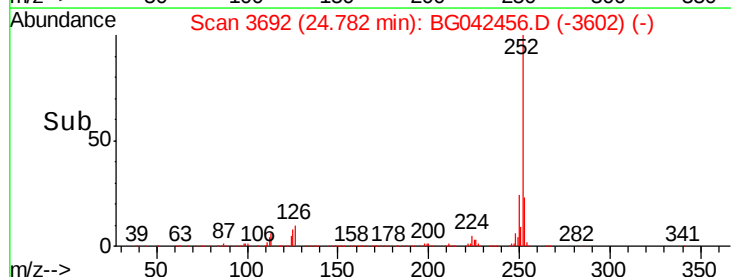
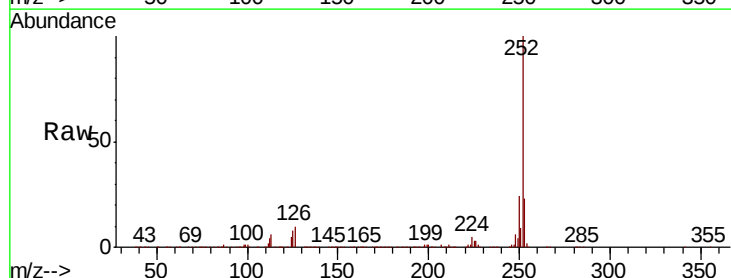
Instrument :
BNA_G
ClientSampled :

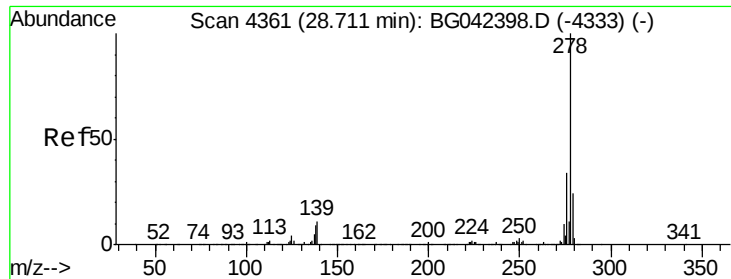
Tot Ion:252 Resp: 1048334
Ion Ratio Lower Upper
252 100
253 23.7 18.6 27.8
125 8.0 5.8 8.6



#90
Benzo(a)pyrene
Concen: 45.835 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion:252 Resp: 1079765
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 8.4 6.0 9.0



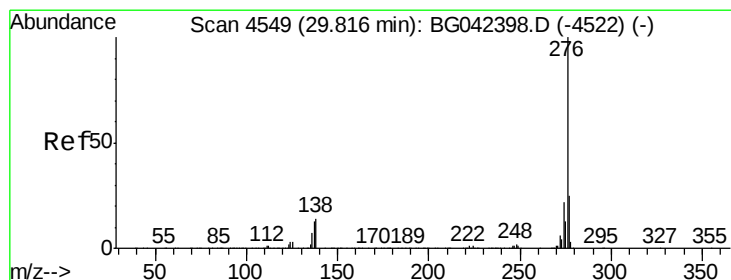
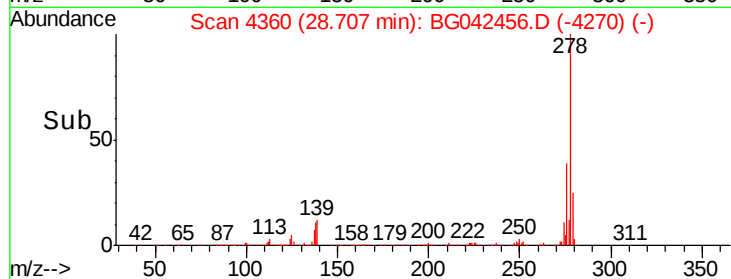
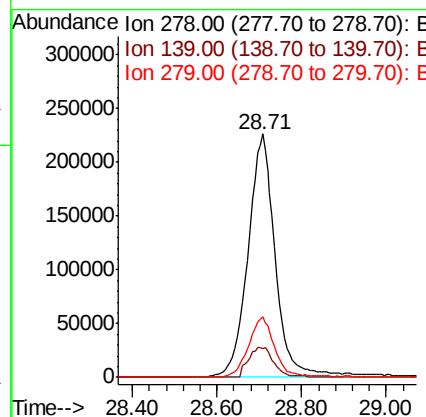
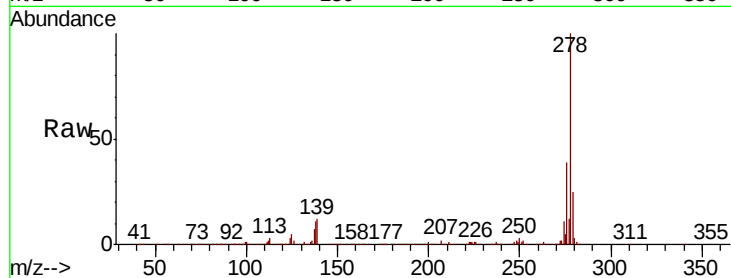


#91
Dibenzo(a,h)anthracene
Concen: 42.465 ng
RT: 28.71 min Scan# 4360
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1012875

Ion	Ratio	Lower	Upper
278	100		
139	11.9	8.8	13.2
279	25.1	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 40.287 ng
RT: 29.81 min Scan# 4547
Delta R.T. -0.01 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion:276 Resp: 961081

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.8
138	16.5	11.4	17.0

