

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042845.D
 Acq On : 16 Sep 2019 12:08
 Operator : HP/JU
 Sample : PB123104BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 01:18:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	71829	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	307984	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	228114	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	595617	20.00	ng	0.00
76) Chrysene-d12	21.76	240	612101	20.00	ng	0.00
87) Perylene-d12	25.03	264	620152	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	534171	129.29	ng	0.00
7) Phenol-d6	7.27	99	762372	128.56	ng	0.00
23) Nitrobenzene-d5	9.28	82	436279	73.75	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	393491	129.66	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1017684	70.62	ng	0.00
79) Terphenyl-d14	20.09	244	2008435	72.72	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	71264	37.795	ng	98
3) Pyridine	3.98	79	179852	31.680	ng	95
4) n-Nitrosodimethylamine	3.89	42	104922	37.981	ng	94
6) Aniline	7.44	93	276424	34.549	ng	97
8) 2-Chlorophenol	7.68	128	215990	48.363	ng	96
9) Benzaldehyde	7.25	77	132839	34.423	ng	89
10) Phenol	7.30	94	304239	50.026	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	204769	43.872	ng	97
12) 1,3-Dichlorobenzene	8.01	146	220699	40.517	ng	97
13) 1,4-Dichlorobenzene	8.15	146	224556	41.176	ng	99
14) 1,2-Dichlorobenzene	8.48	146	212676	40.968	ng	100
15) Benzyl Alcohol	8.35	79	235299	46.235	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	384938	37.556	ng	99
17) 2-Methylphenol	8.55	107	197959	48.655	ng	97
18) Hexachloroethane	9.21	117	80170	39.819	ng	91
19) n-Nitroso-di-n-propylamine	8.92	70	188321	43.097	ng	96
20) 3+4-Methylphenols	8.88	107	281827	50.250	ng	98
22) Acetophenone	8.94	105	330639	42.508	ng	97
24) Nitrobenzene	9.32	77	272002	43.805	ng	97
25) Isophorone	9.85	82	520202	42.188	ng	98
26) 2-Nitrophenol	10.03	139	120410	49.314	ng	94
27) 2,4-Dimethylphenol	10.09	122	225050	52.105	ng	96
28) bis(2-Chloroethoxy)methane	10.32	93	296283	43.086	ng	99
29) 2,4-Dichlorophenol	10.57	162	242044	48.224	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	245307	40.031	ng	97
31) Naphthalene	10.98	128	657750	43.255	ng	99
32) Benzoic acid	10.21	122	151312	43.896	ng	93
33) 4-Chloroaniline	11.07	127	208167	29.289	ng	99
34) Hexachlorobutadiene	11.27	225	159938	37.252	ng	97
35) Caprolactam	11.84	113	55557	29.766	ng	89
36) 4-Chloro-3-methylphenol	12.18	107	271931	49.899	ng	98
37) 2-Methylnaphthalene	12.58	142	500086	43.903	ng	97
38) 1-Methylnaphthalene	12.80	142	477929	44.735	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	305782	40.566	ng	99

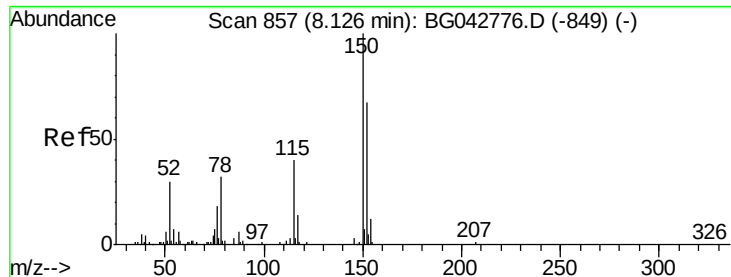
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042845.D
 Acq On : 16 Sep 2019 12:08
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 Sample : PB123104BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 01:18:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	368773	85.398	ng	96
43) 2,4,6-Trichlorophenol	13.17	196	227030	45.240	ng	96
44) 2,4,5-Trichlorophenol	13.24	196	249433	48.525	ng	97
46) 1,1'-Biphenyl	13.58	154	677298	42.412	ng	98
47) 2-Chloronaphthalene	13.62	162	534030	40.425	ng	99
48) 2-Nitroaniline	13.81	65	207405	45.259	ng	95
49) Acenaphthylene	14.46	152	887275	43.951	ng	98
50) Dimethylphthalate	14.19	163	746076	43.659	ng	99
51) 2,6-Dinitrotoluene	14.30	165	173545	49.494	ng	94
52) Acenaphthene	14.80	154	642616	48.725	ng	98
53) 3-Nitroaniline	14.63	138	135072	34.323	ng	98
54) 2,4-Dinitrophenol	14.83	184	190985	110.641	ng	# 71
55) Dibenzofuran	15.13	168	864417	44.095	ng	99
56) 4-Nitrophenol	14.93	139	325528	106.985	ng	94
57) 2,4-Dinitrotoluene	15.09	165	249314	53.343	ng	# 94
58) Fluorene	15.78	166	735481	45.270	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.36	232	249133	49.997	ng	99
60) Diethylphthalate	15.55	149	776157	44.745	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	409919	42.673	ng	98
62) 4-Nitroaniline	15.79	138	204944	48.314	ng	98
63) Azobenzene	16.07	77	748130	44.788	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	137822	54.079	ng	98
66) n-Nitrosodiphenylamine	15.99	169	673570	42.026	ng	98
67) 4-Bromophenyl-phenylether	16.67	248	282056	39.125	ng	99
68) Hexachlorobenzene	16.79	284	293764	38.135	ng	98
69) Atrazine	16.93	200	274188	49.126	ng	98
70) Pentachlorophenol	17.13	266	429493	93.986	ng	96
71) Phenanthrene	17.52	178	1222652	42.923	ng	99
72) Anthracene	17.61	178	1237328	43.479	ng	99
73) Carbazole	17.88	167	1210645	44.759	ng	96
74) Di-n-butylphthalate	18.44	149	1385907	42.774	ng	99
75) Fluoranthene	19.53	202	1625734	44.038	ng	98
77) Benzidine	19.69	184	648574	37.925	ng	99
78) Pyrene	19.89	202	1656039	43.214	ng	98
80) Butylbenzylphthalate	20.77	149	657670	42.405	ng	97
81) Benzo(a)anthracene	21.74	228	1616008	41.523	ng	97
82) 3,3'-Dichlorobenzidine	21.65	252	510851	33.777	ng	98
83) Chrysene	21.81	228	1552791	42.122	ng	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	895806	42.273	ng	# 99
85) Di-n-octyl phthalate	22.90	149	1523022	42.159	ng	98
86) Indeno(1,2,3-cd)pyrene	28.77	276	1891595	41.435	ng	# 93
88) Benzo(b)fluoranthene	23.99	252	1673125	45.947	ng	98
89) Benzo(k)fluoranthene	24.07	252	1591274	46.261	ng	98
90) Benzo(a)pyrene	24.88	252	1623731	47.621	ng	99
91) Dibenzo(a,h)anthracene	28.85	278	1572357	46.886	ng	100
92) Benzo(g,h,i)perylene	29.95	276	1574866	48.145	ng	99

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

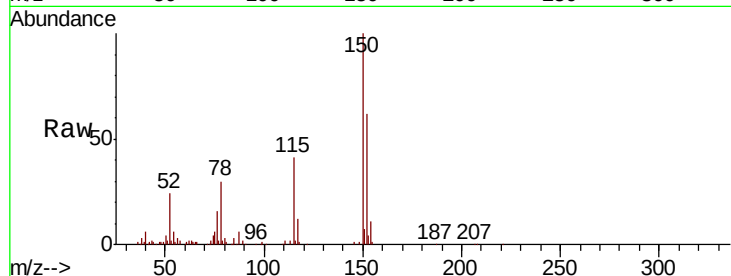


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	118.9	178.3
115	65.8	47.4	71.2

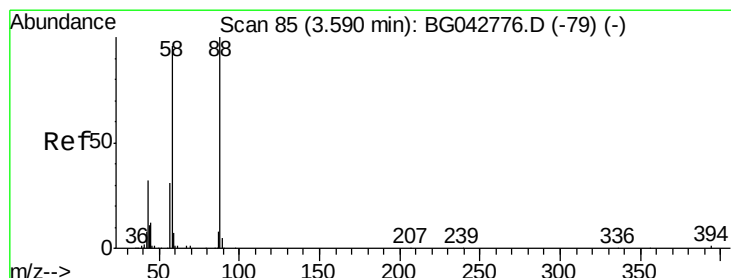
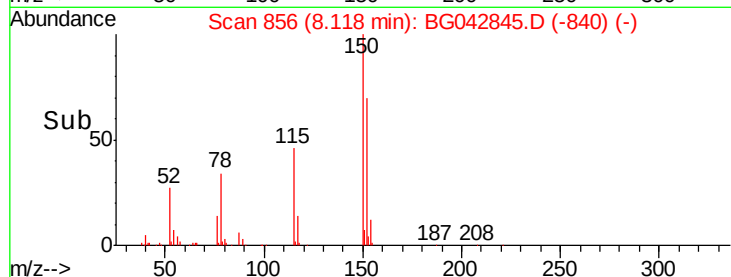
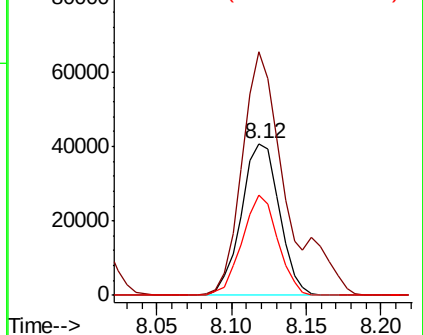


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

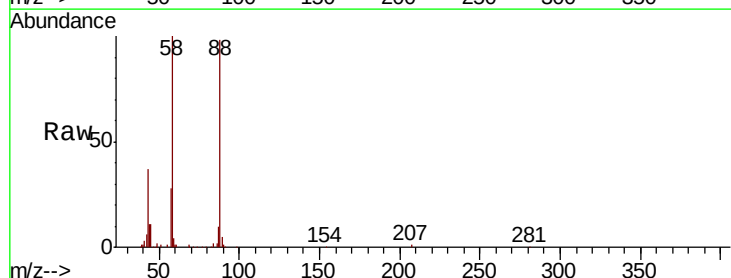
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.795 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.9	79.1	118.7
43	35.5	30.4	45.6

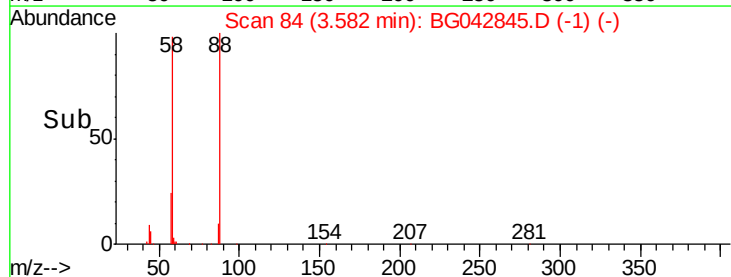
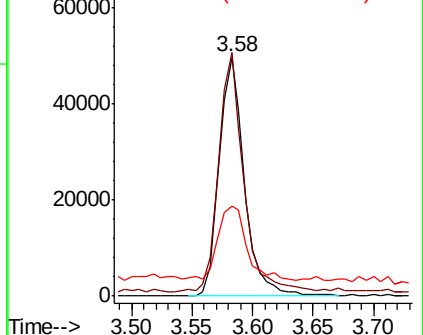


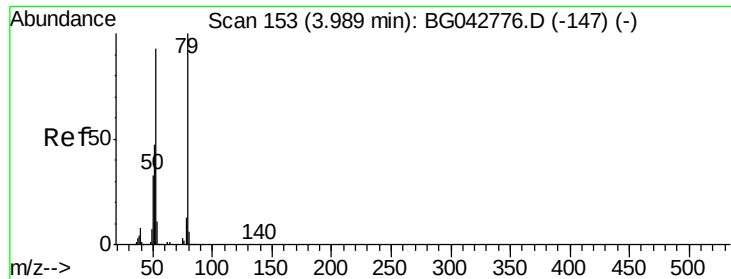
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.680 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

ClientSampled :

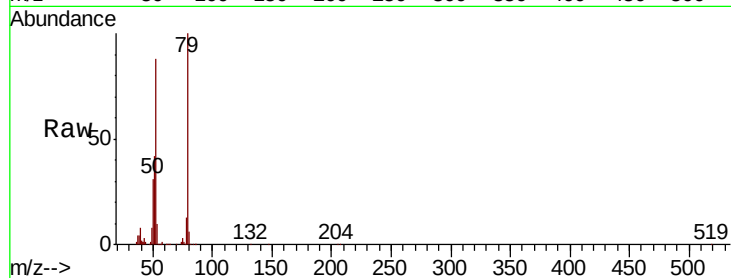
Tot Ion: 79 Resp: 179852

Ion Ratio Lower Upper

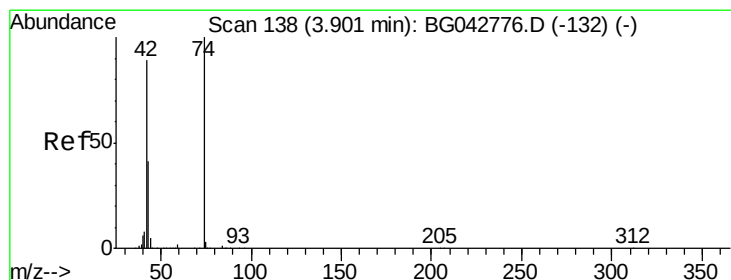
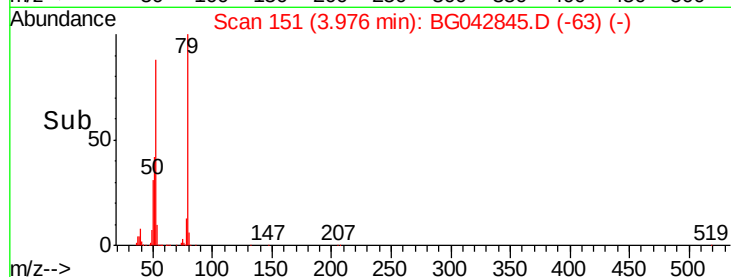
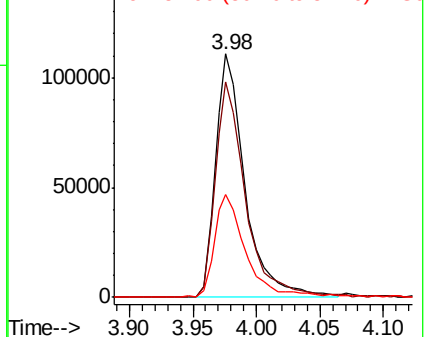
79 100

52 88.5 74.0 111.0

51 42.5 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 37.981 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

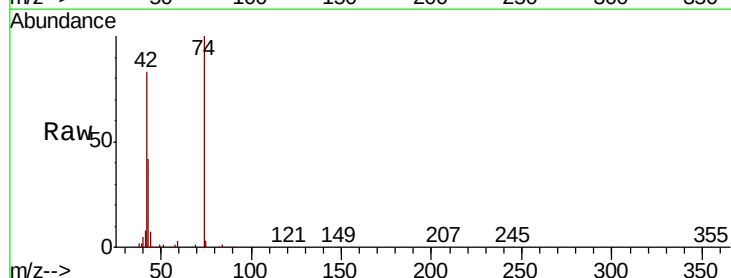
Tgt Ion: 42 Resp: 104922

Ion Ratio Lower Upper

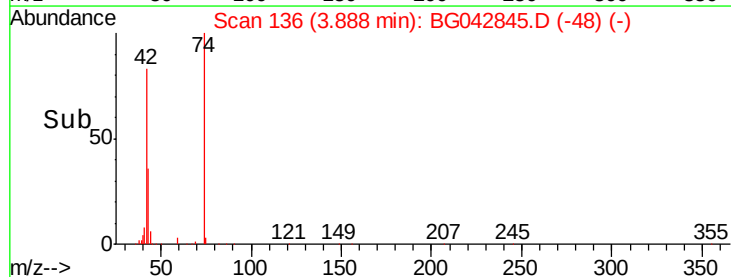
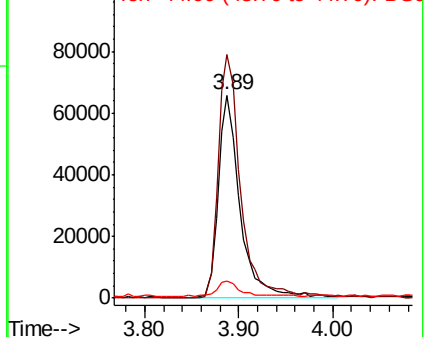
42 100

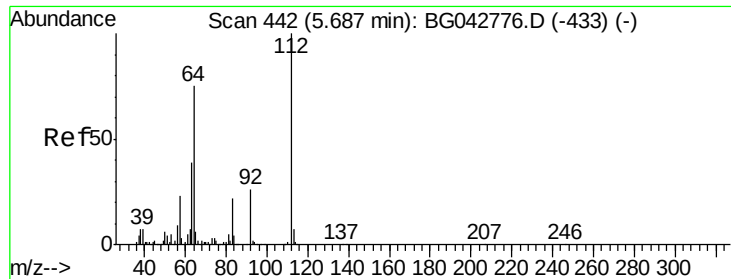
74 119.8 90.2 135.2

44 8.1 6.6 9.8



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





#5

2-Fluorophenol

Concen: 129.291 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

ClientSampleId :

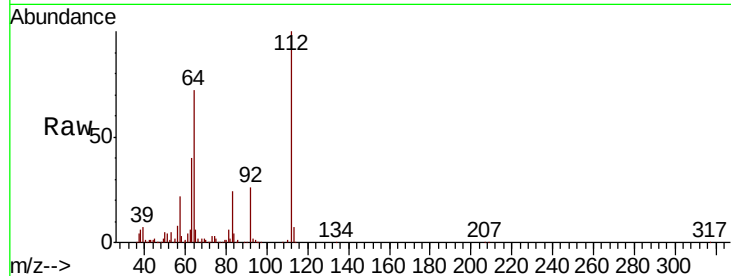
Tot Ion:112 Resp: 534171

Ion Ratio Lower Upper

112 100

64 71.7 60.2 90.2

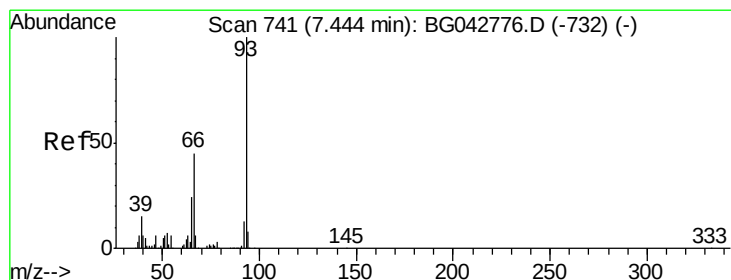
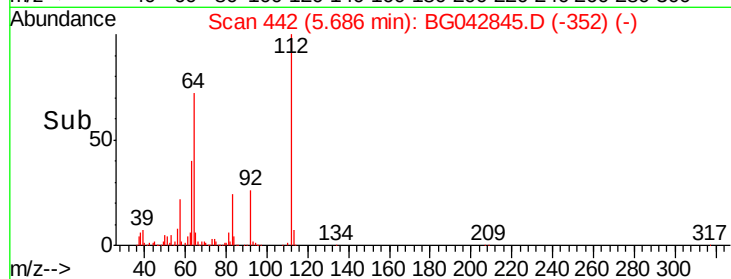
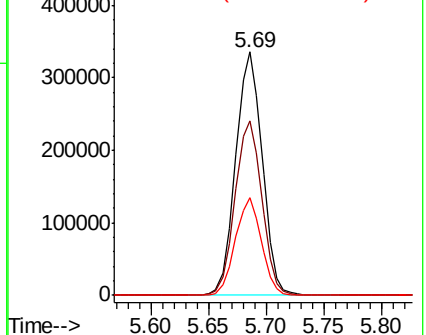
63 39.9 31.2 46.8



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: 34.549 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

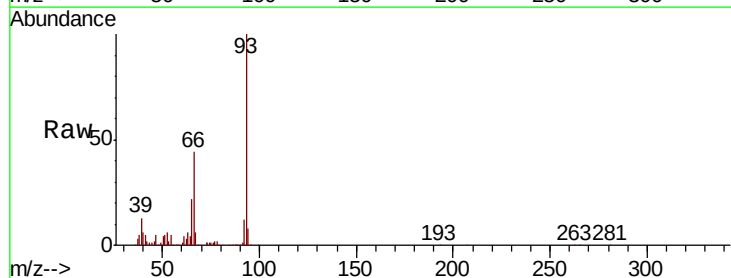
Tgt Ion: 93 Resp: 276424

Ion Ratio Lower Upper

93 100

66 44.0 36.3 54.5

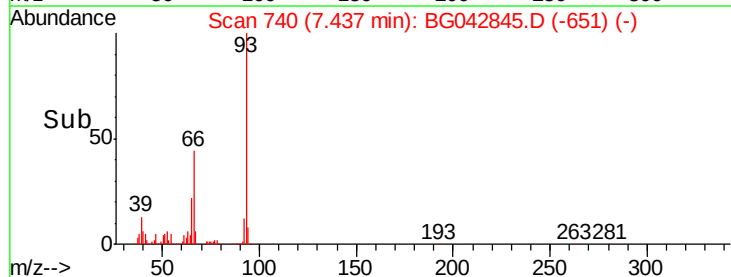
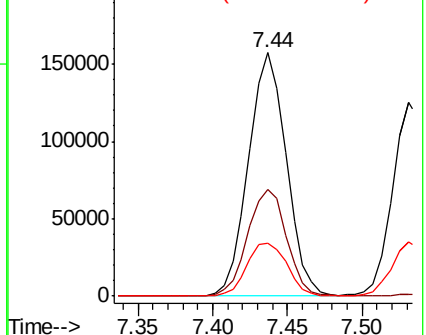
65 21.7 19.3 28.9

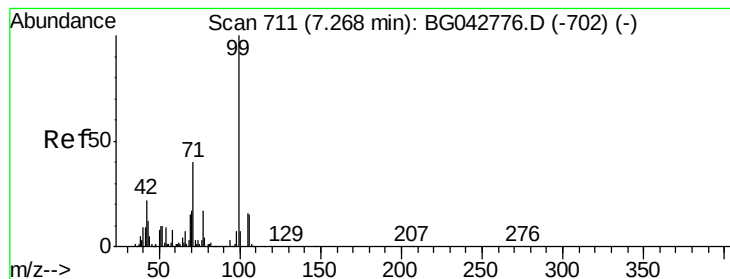


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.558 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

ClientSampled :

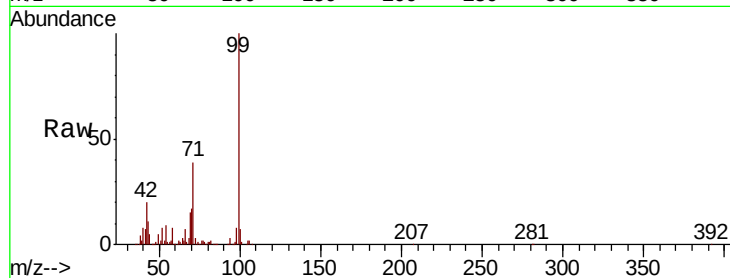
Tot Ion: 99 Resp: 762372

Ion Ratio Lower Upper

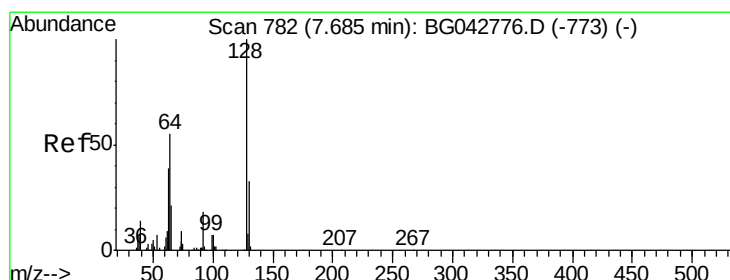
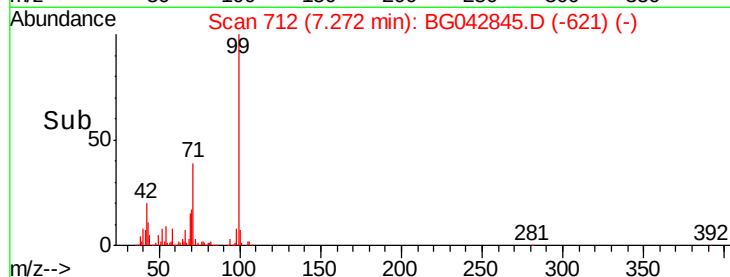
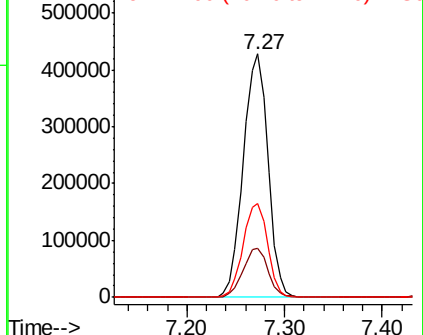
99 100

42 20.2 17.5 26.3

71 38.7 32.0 48.0



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: 48.363 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

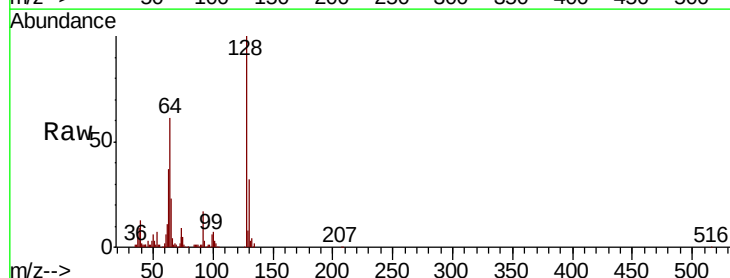
Tgt Ion:128 Resp: 215990

Ion Ratio Lower Upper

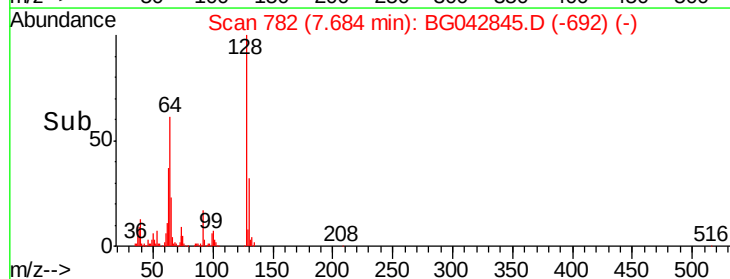
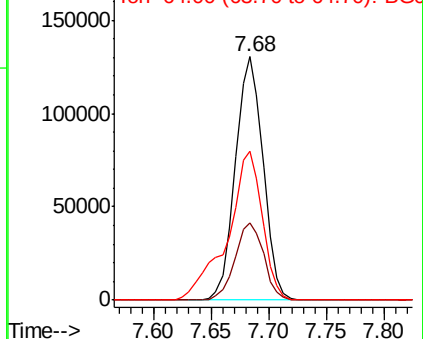
128 100

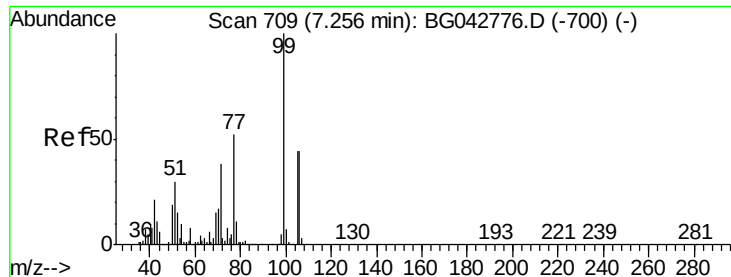
130 32.0 12.8 52.8

64 61.3 36.8 76.8



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: 34.423 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

ClientSampled :

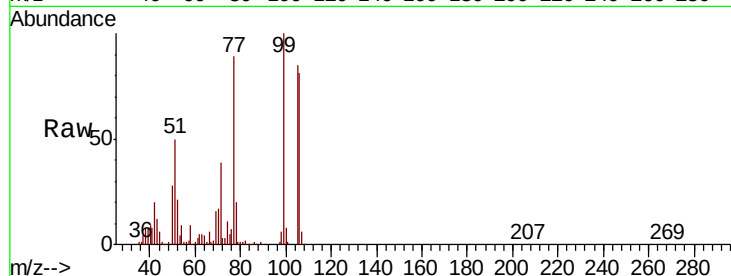
Tot Ion: 77 Resp: 132839

Ion Ratio Lower Upper

77 100

105 96.0 64.5 104.5

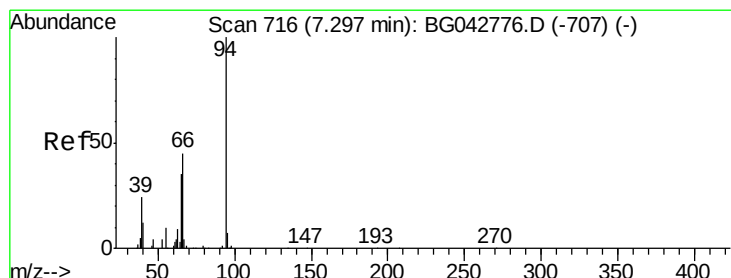
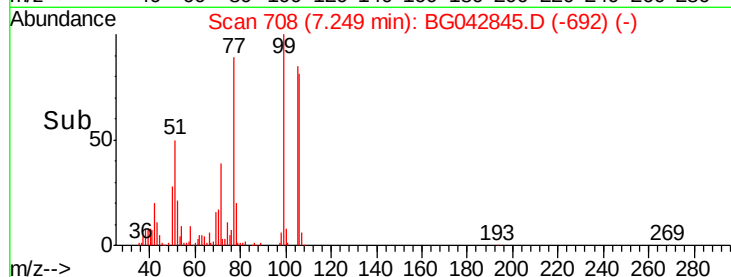
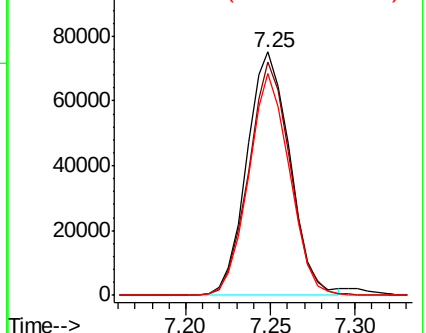
106 91.1 63.4 103.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 50.026 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

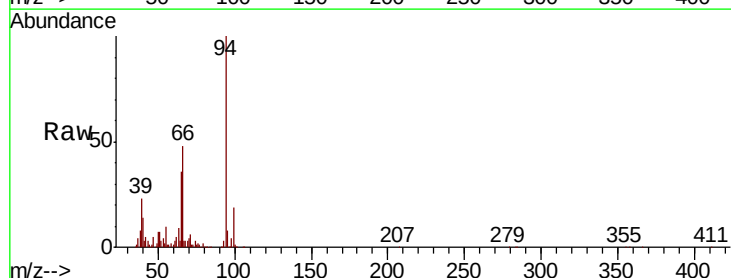
Tgt Ion: 94 Resp: 304239

Ion Ratio Lower Upper

94 100

65 36.1 15.0 55.0

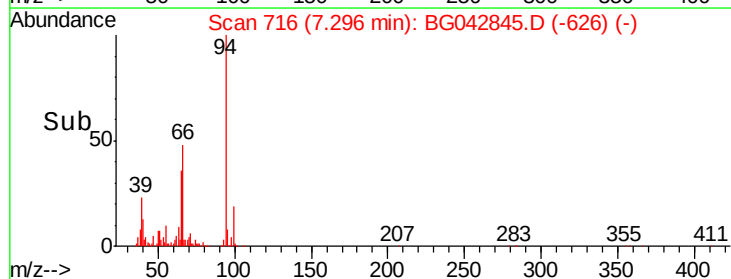
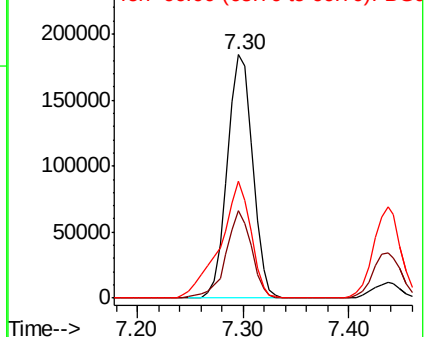
66 48.0 26.1 66.1

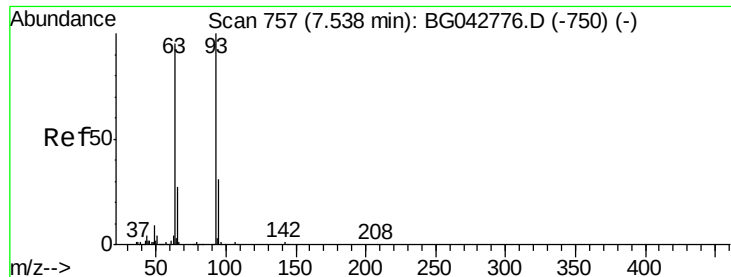


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

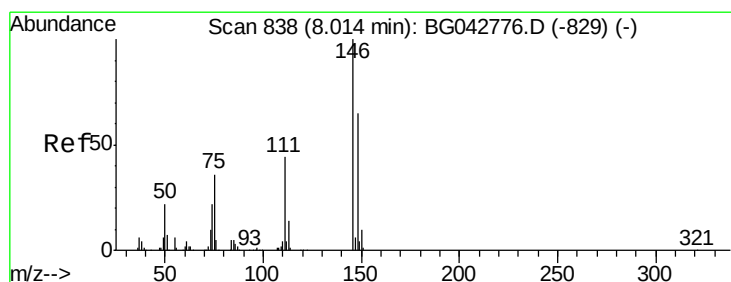
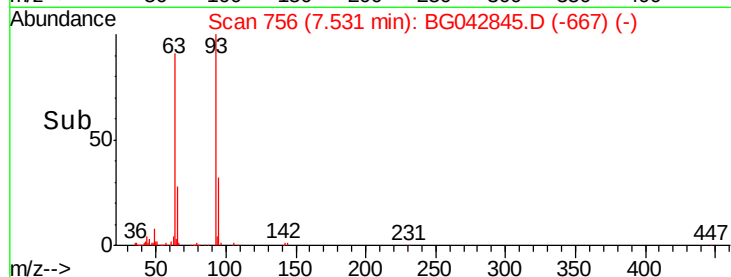
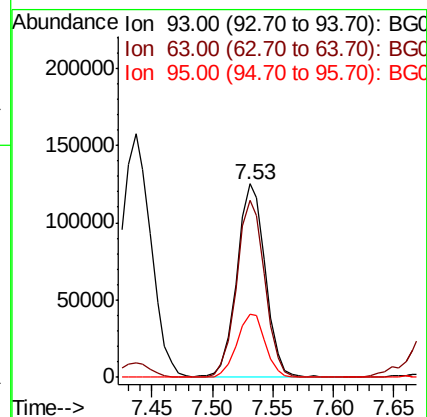
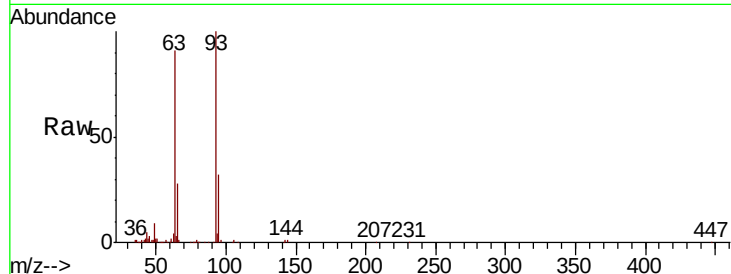




#11
bis(2-Chloroethyl)ether
Concen: 43.872 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

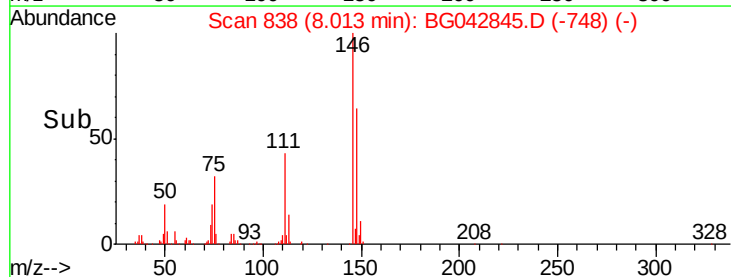
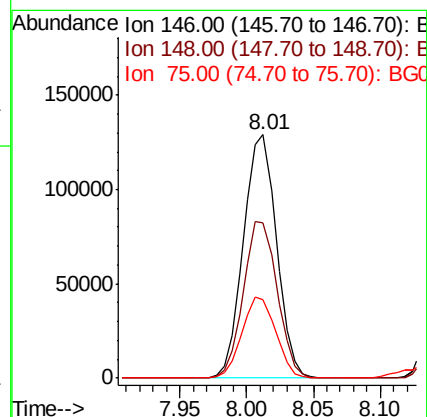
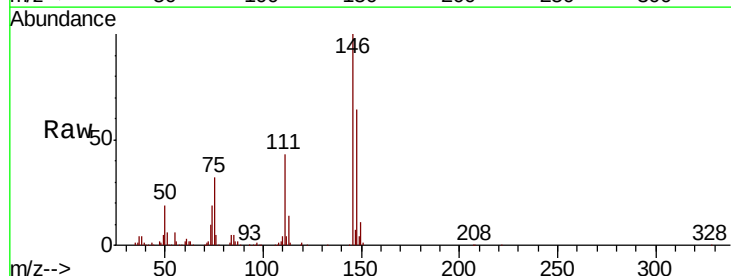
Instrument :
BNA_G
ClientSampleId :

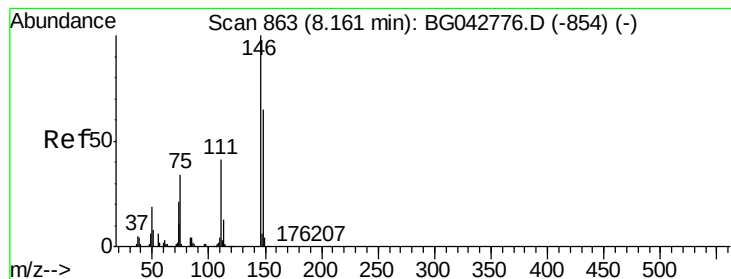
Tot Ion: 93 Resp: 204769
Ion Ratio Lower Upper
93 100
63 91.2 74.7 114.7
95 32.3 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 40.517 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion: 146 Resp: 220699
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
75 32.0 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 41.176 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

ClientSampleId :

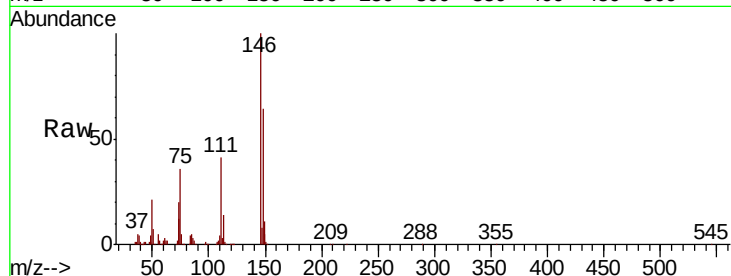
Tot Ion:146 Resp: 224556

Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.4

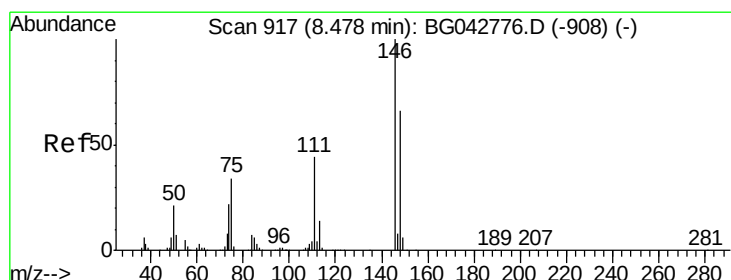
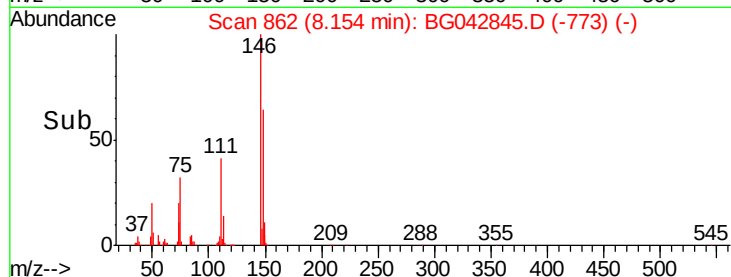
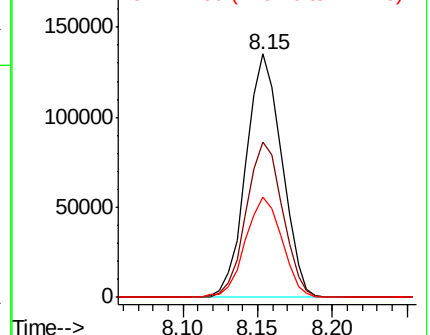
111 41.0 32.6 49.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.968 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

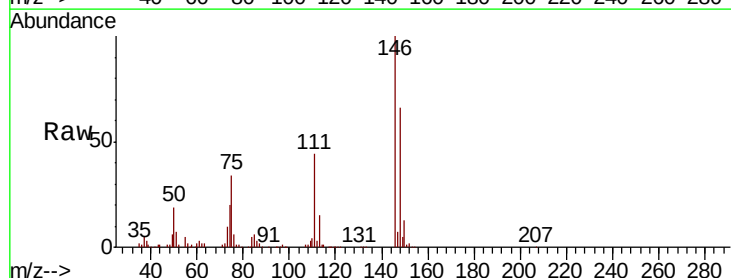
Tgt Ion:146 Resp: 212676

Ion Ratio Lower Upper

146 100

148 65.8 52.6 78.8

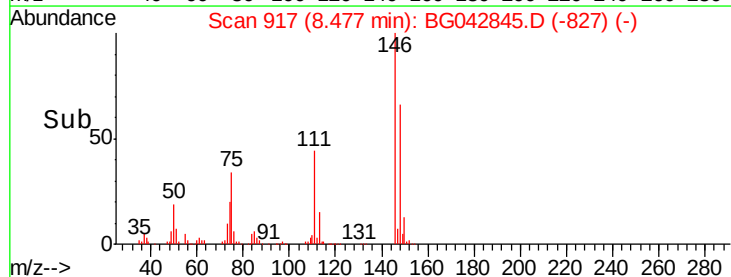
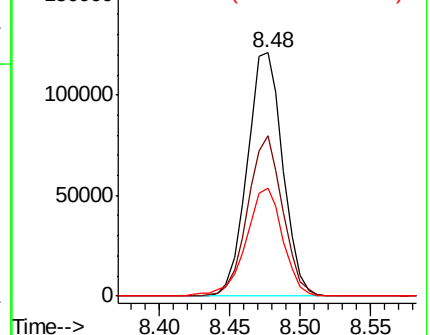
111 44.2 35.3 52.9

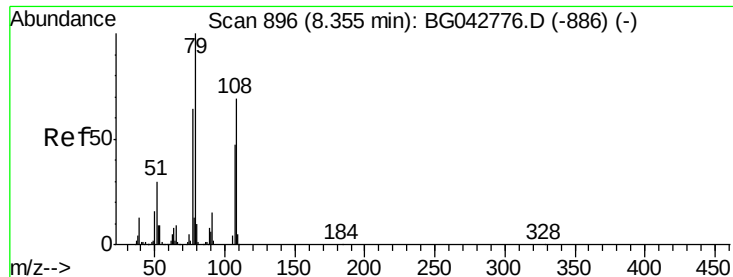


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.235 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

ClientSampleId :

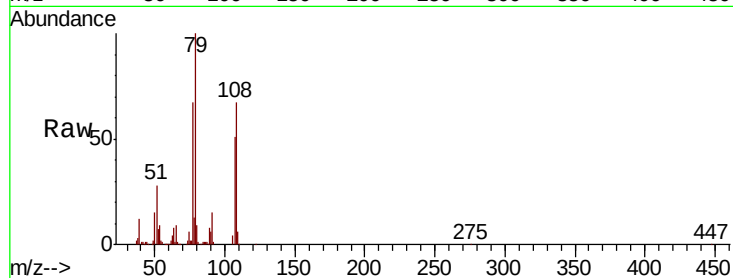
Tot Ion: 79 Resp: 235299

Ion Ratio Lower Upper

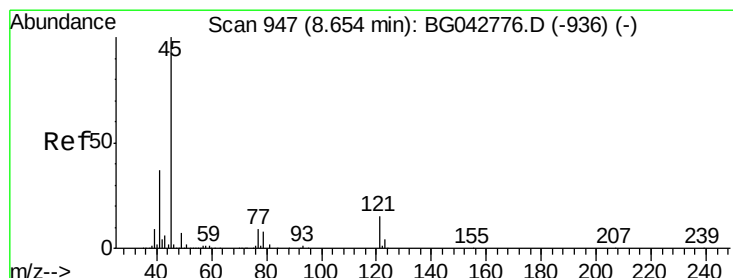
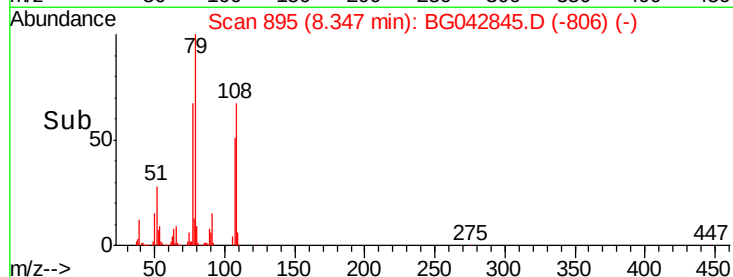
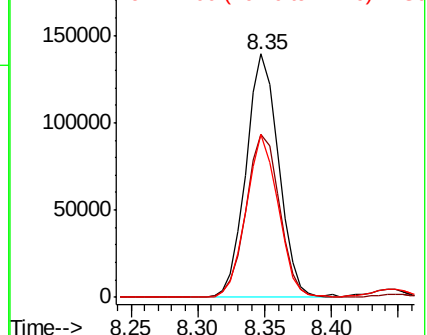
79 100

108 67.0 54.9 82.3

77 66.7 51.0 76.6



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.556 ng

RT: 8.64 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

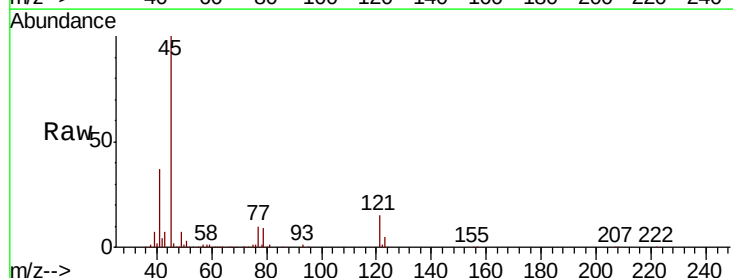
Tgt Ion: 45 Resp: 384938

Ion Ratio Lower Upper

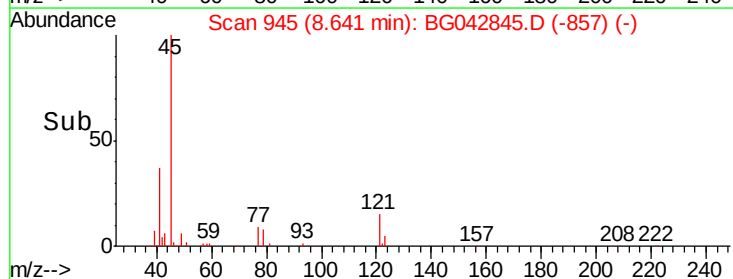
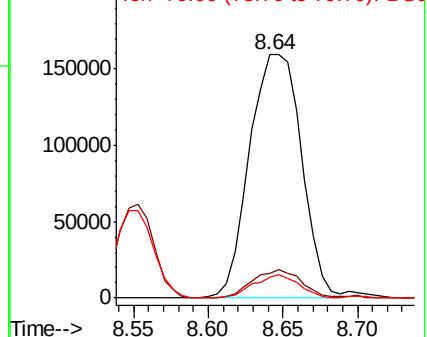
45 100

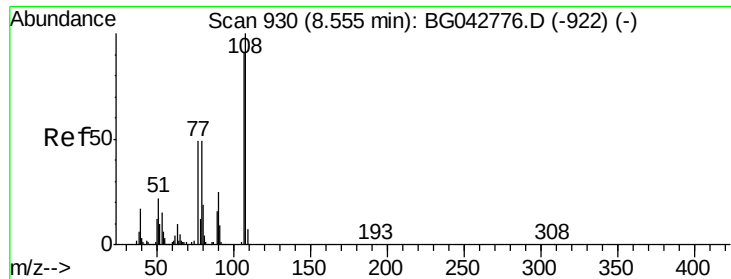
77 10.2 0.0 29.4

79 8.7 0.0 28.4



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

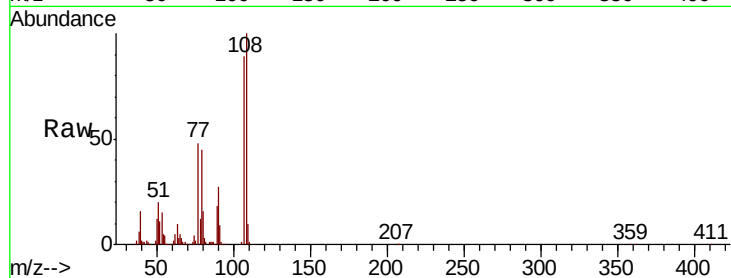




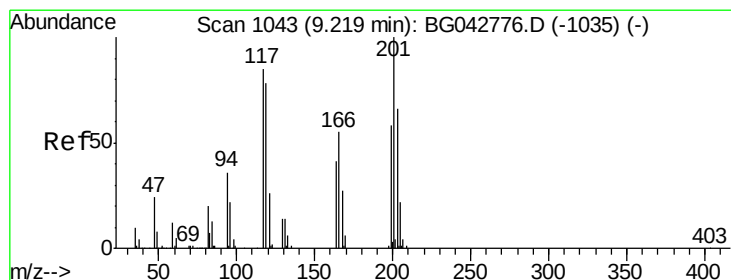
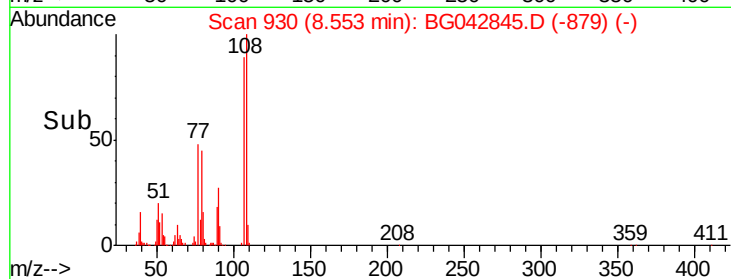
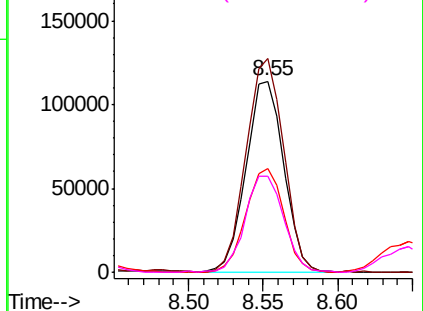
#17
2-Methylphenol
Concen: 48.655 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	197959
Ion	Ratio	Lower	Upper
107	100		
108	111.8	87.7	131.5
77	54.0	42.6	64.0
79	50.4	43.4	65.2

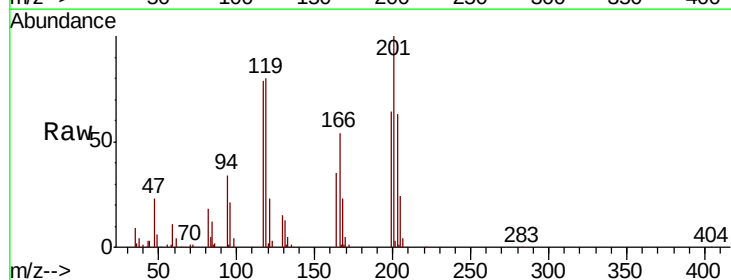


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

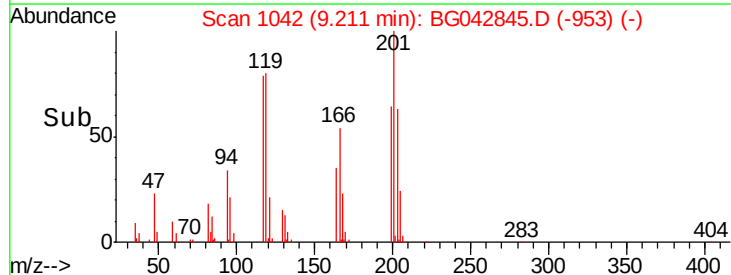
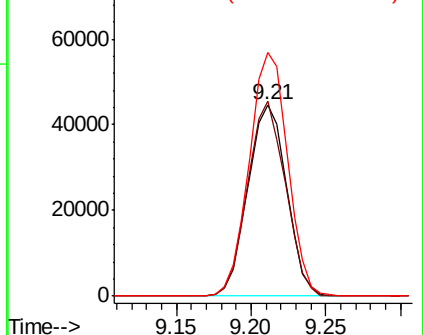


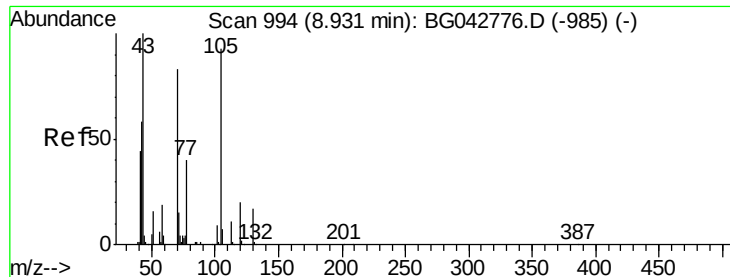
#18
Hexachloroethane
Concen: 39.819 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion:	117	Resp:	80170
Ion	Ratio	Lower	Upper
117	100		
119	101.5	73.8	110.8
201	127.0	94.6	142.0



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

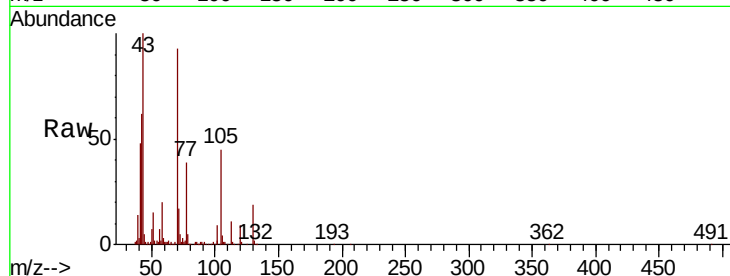




#19
n-Nitroso-di-n-propylamine
Concen: 43.097 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	188321
Ion	Ratio	Lower	Upper
70	100		
42	66.6	57.0	85.6
101	10.0	8.4	12.6
130	20.2	16.1	24.1



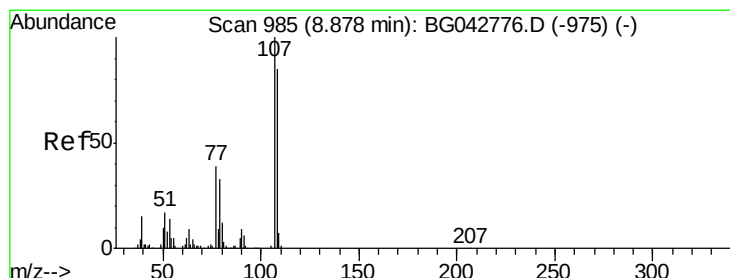
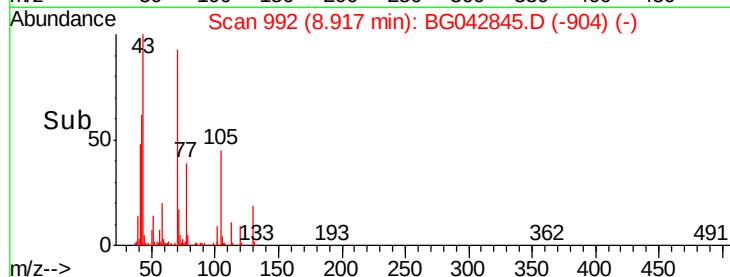
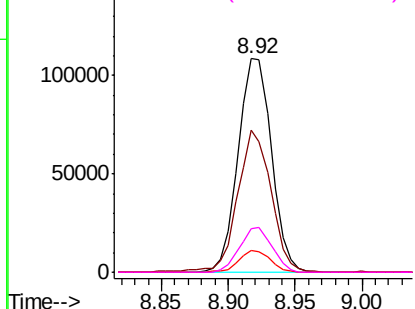
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

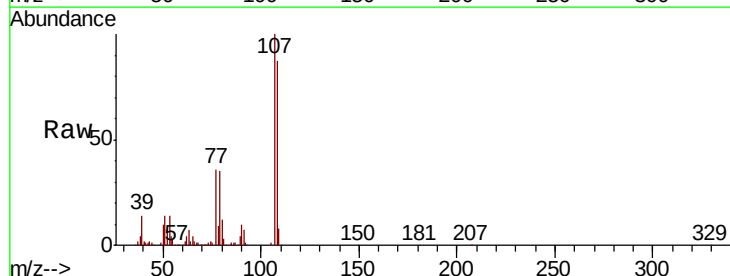
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 50.250 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion:	107	Resp:	281827
Ion	Ratio	Lower	Upper
107	100		
108	86.7	65.4	105.4
77	35.8	18.7	58.7
79	34.6	13.7	53.7



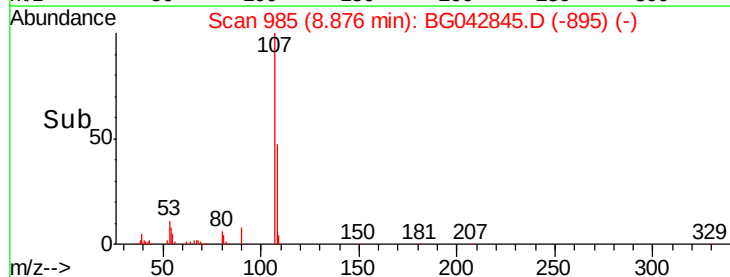
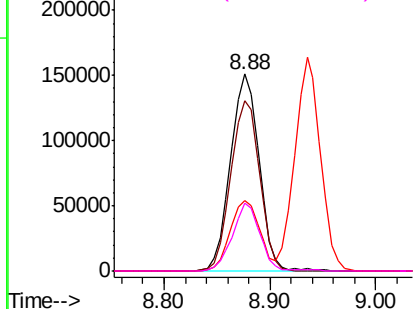
Abundance

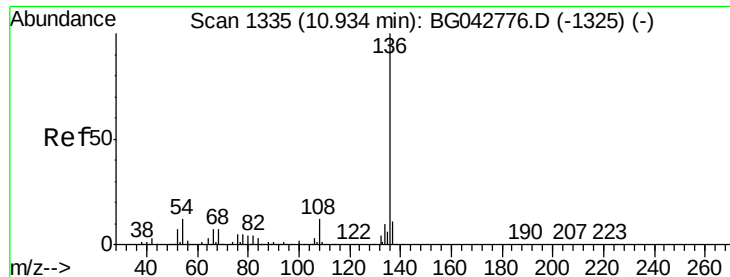
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

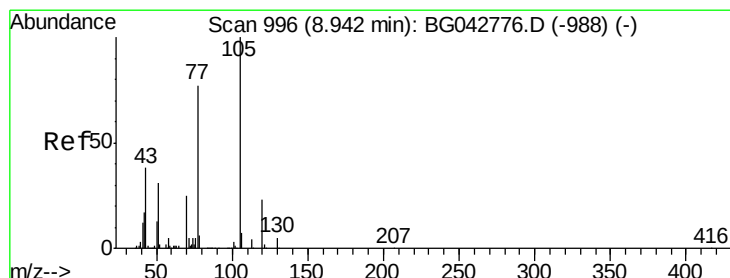
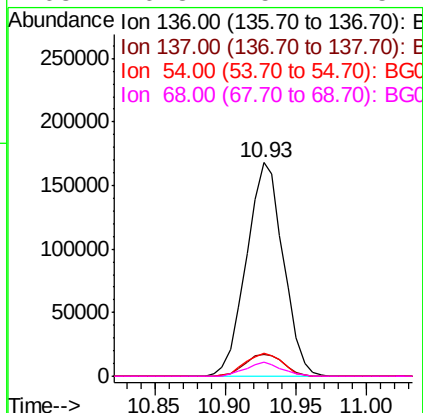
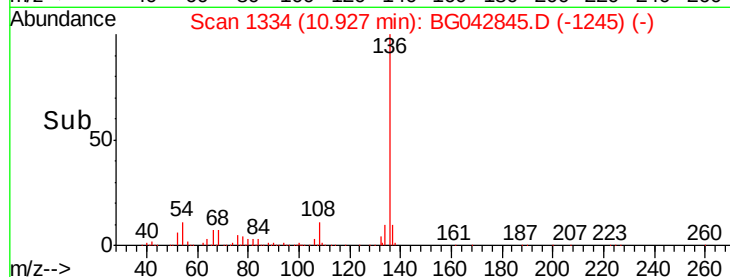
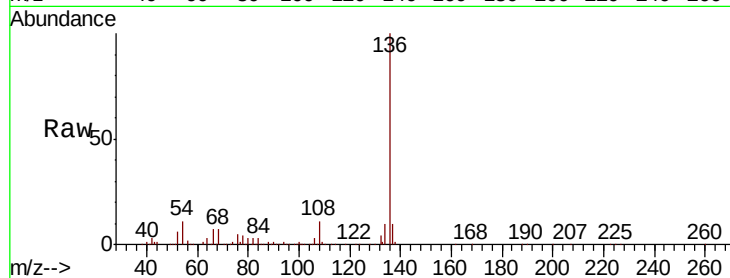




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

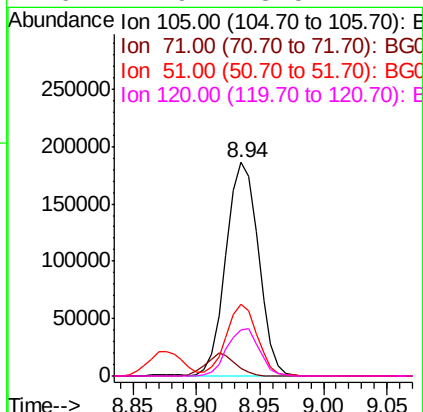
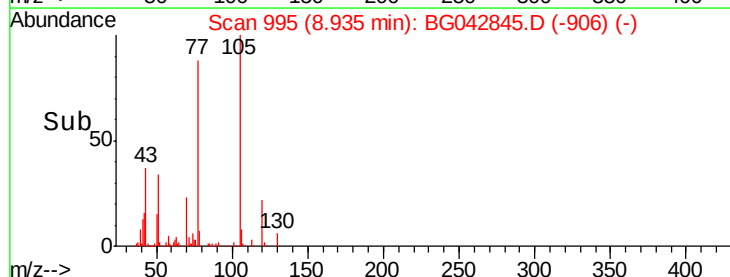
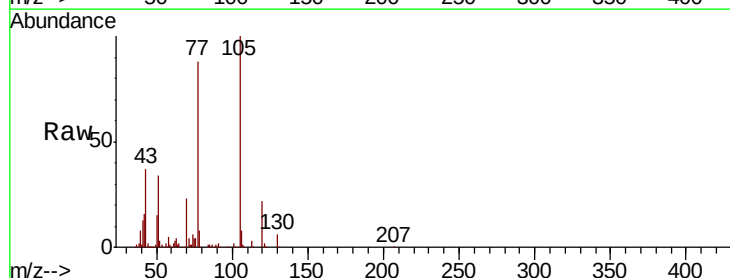
Instrument :
BNA_G
ClientSampled :

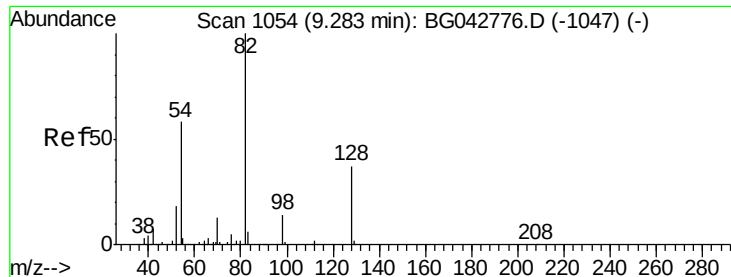
Tot Ion:136	Resp:	307984
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.0 13.6
54	10.5	9.4 14.0
68	6.8	5.4 8.2



#22
Acetophenone
Concen: 42.508 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion:105	Resp:	330639
Ion Ratio	Lower	Upper
105	100	
71	3.7	3.7 5.5
51	33.9	28.8 43.2
120	21.9	18.5 27.7

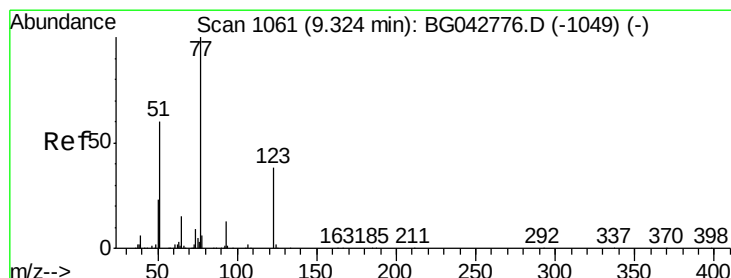
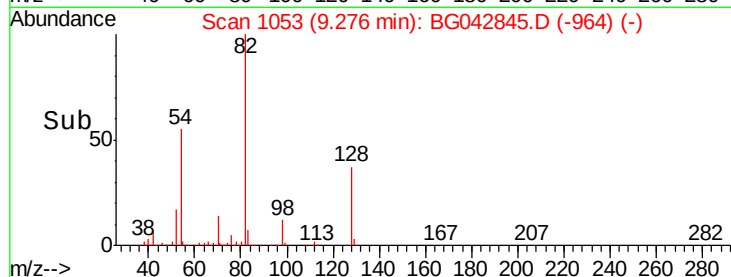
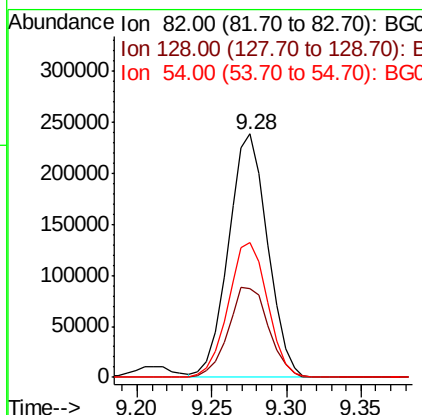
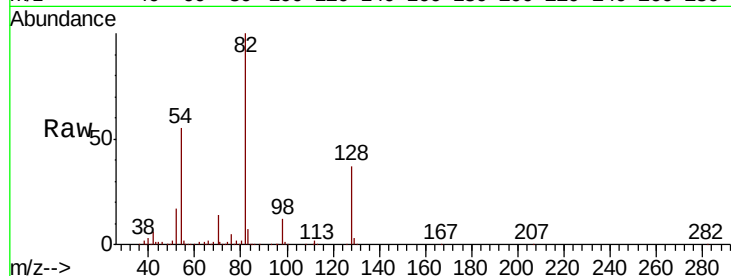




#23
Nitrobenzene-d5
Concen: 73.750 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

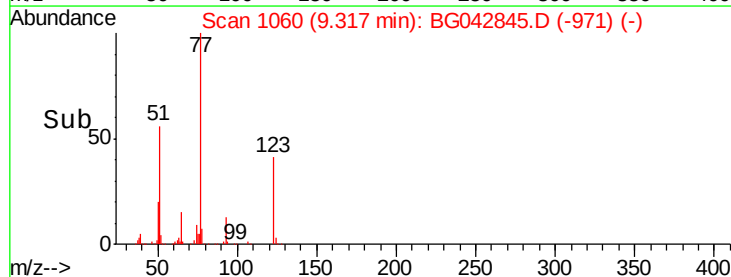
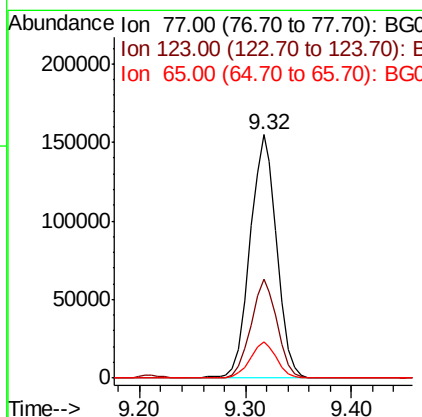
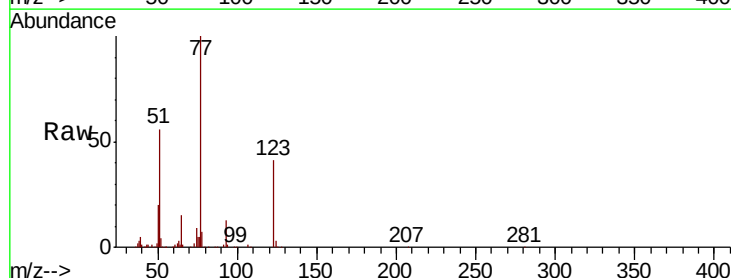
Instrument :
BNA_G
ClientSampleId :

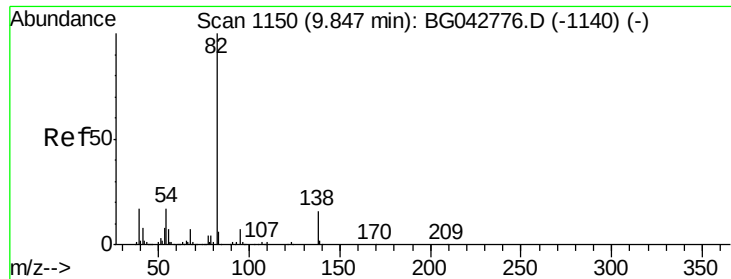
Tot Ion	82	Resp	436279
Ion Ratio	Lower	Upper	
82	100		
128	36.6	29.8	44.8
54	55.3	46.1	69.1



#24
Nitrobenzene
Concen: 43.805 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	77	Resp	272002
Ion Ratio	Lower	Upper	
77	100		
123	40.9	30.7	46.1
65	15.0	12.2	18.4

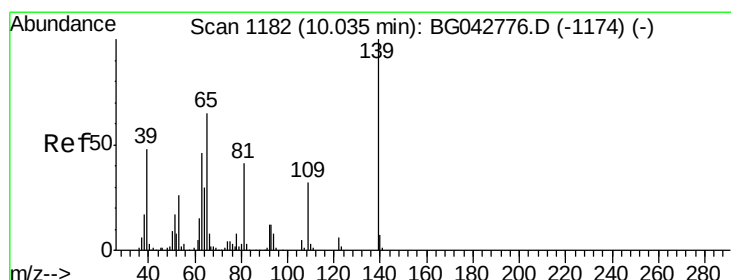
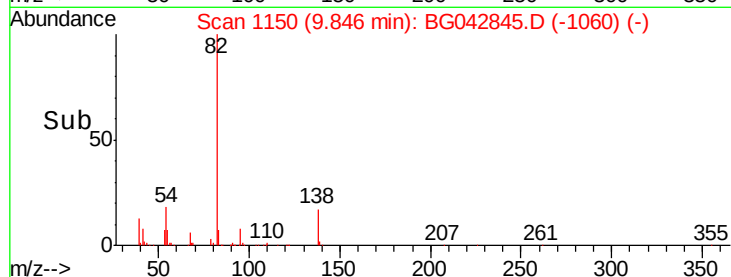
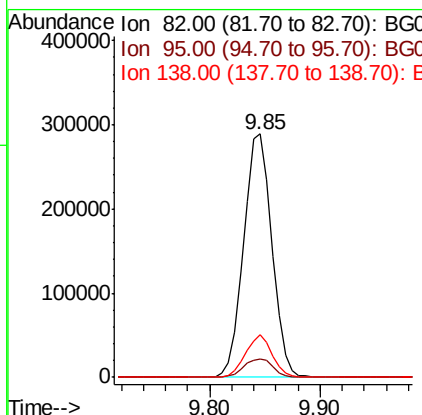
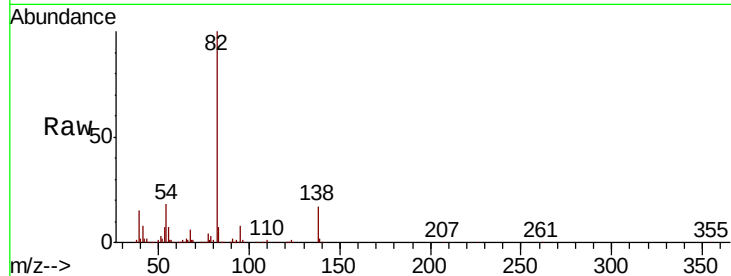




#25
Isophorone
Concen: 42.188 ng
RT: 9.85 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

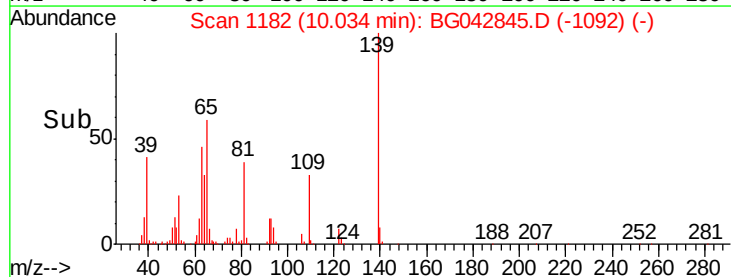
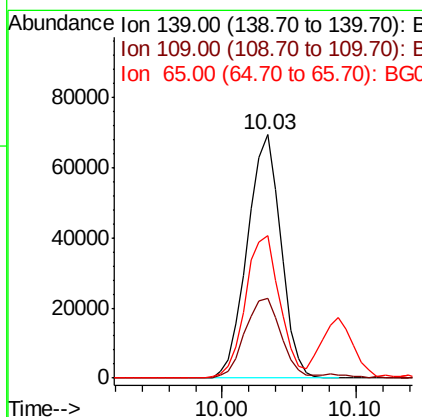
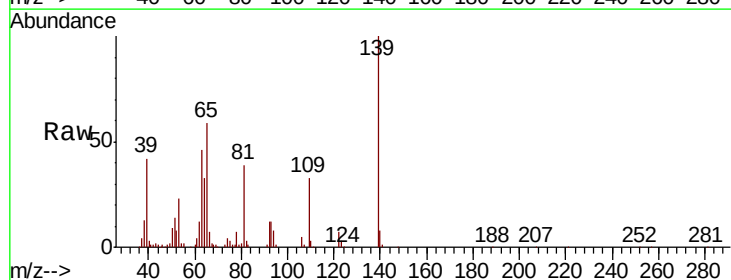
Instrument :
BNA_G
ClientSampleId :

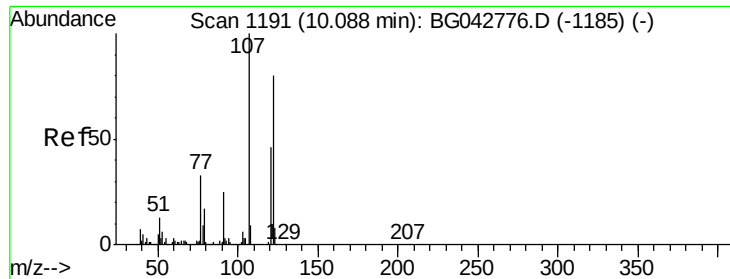
Tot Ion	82	Resp	520202
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.8	8.8
138	17.4	12.9	19.3



#26
2-Nitrophenol
Concen: 49.314 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	139	Resp	120410
Ion Ratio	Lower	Upper	
139	100		
109	32.6	25.8	38.8
65	58.6	52.2	78.2

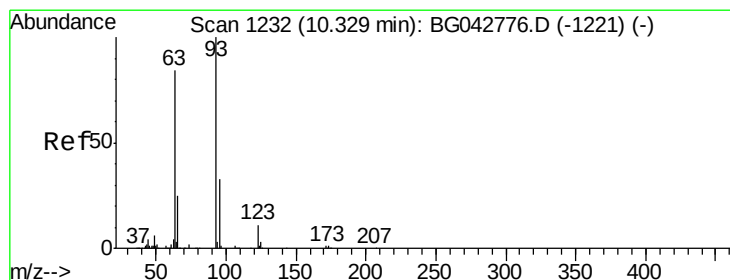
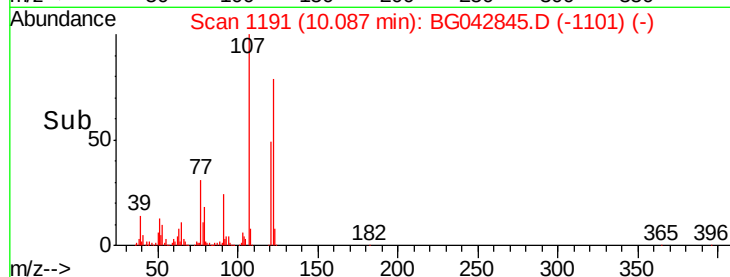
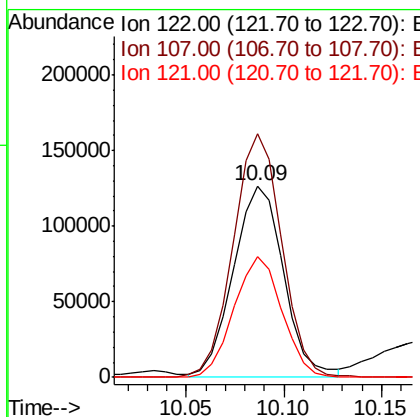
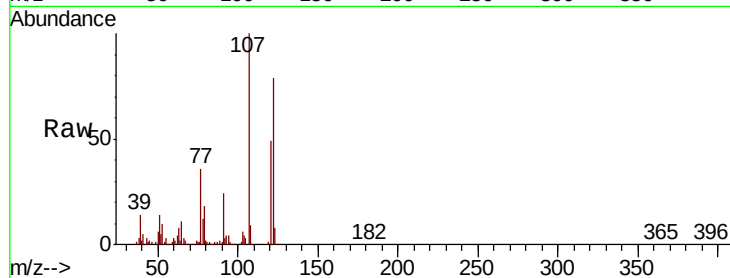




#27
2,4-Dimethylphenol
Concen: 52.105 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

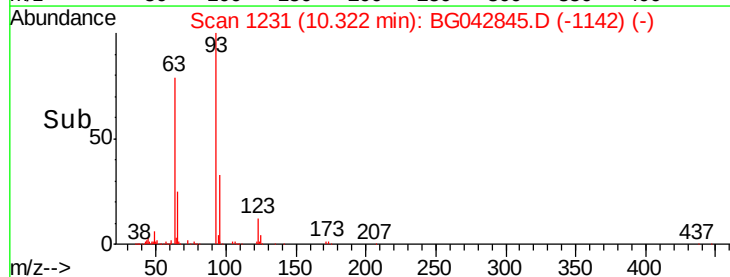
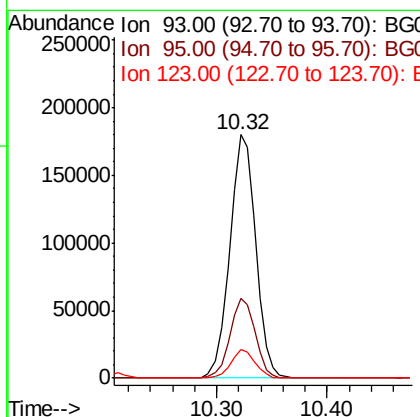
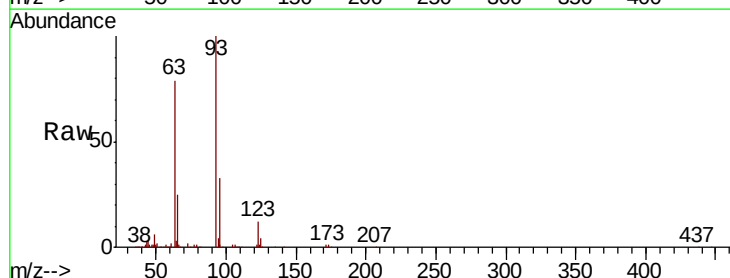
Instrument :
BNA_G
ClientSampleId :

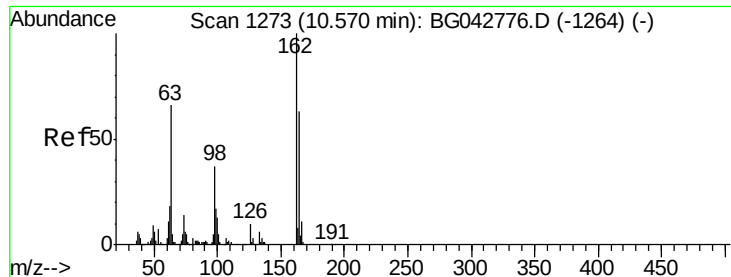
Tot Ion	Ratio	Lower	Upper
122	100		
107	127.1	98.9	148.3
121	62.9	46.2	69.2



#28
bis(2-Chloroethoxy)methane
Concen: 43.086 ng
RT: 10.32 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.6	40.0
123	11.6	9.0	13.6

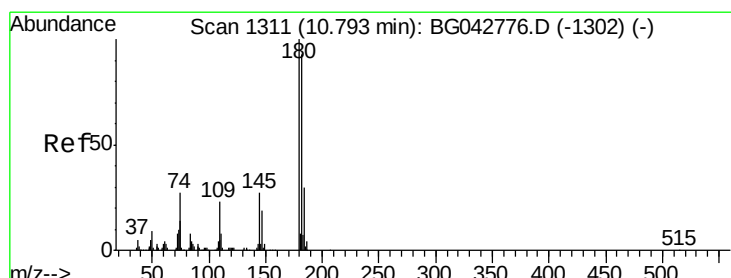
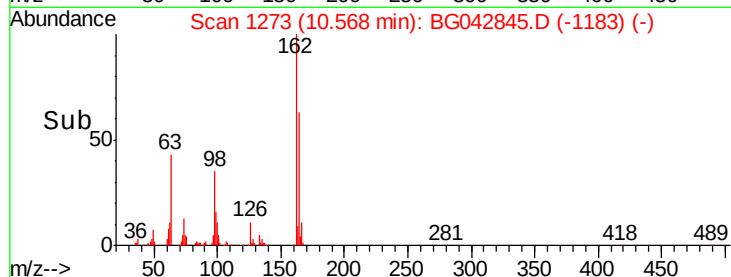
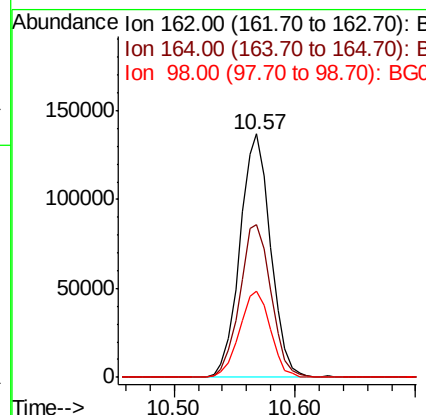
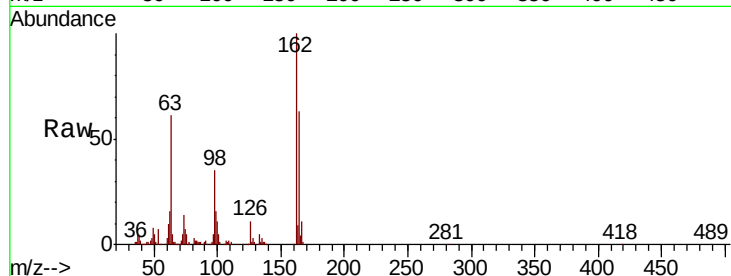




#29
 2,4-Dichlorophenol
 Concen: 48.224 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

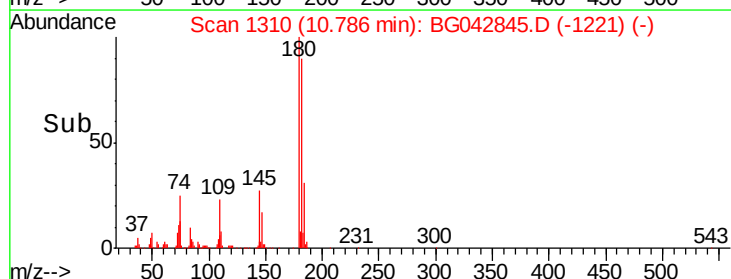
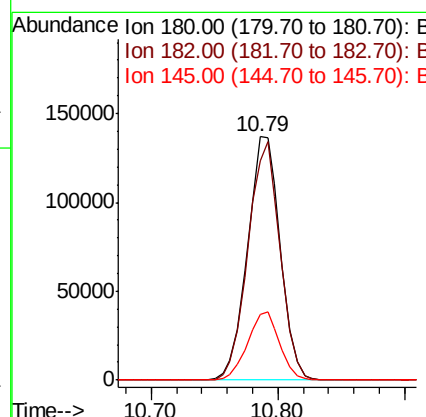
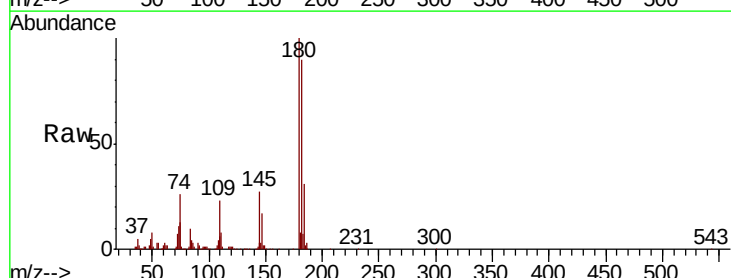
Instrument :
 BNA_G
 ClientSampleId :

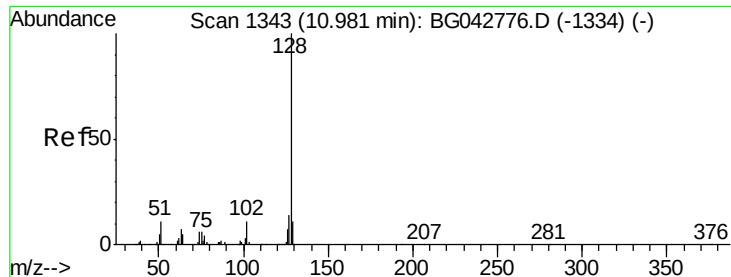
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.4	83.4
98	35.4	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.031 ng
 RT: 10.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.9	74.6	112.0
145	27.0	21.8	32.6

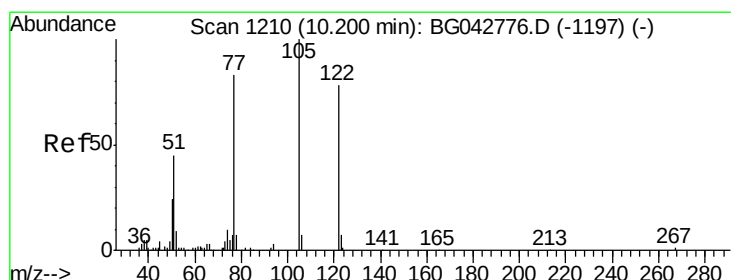
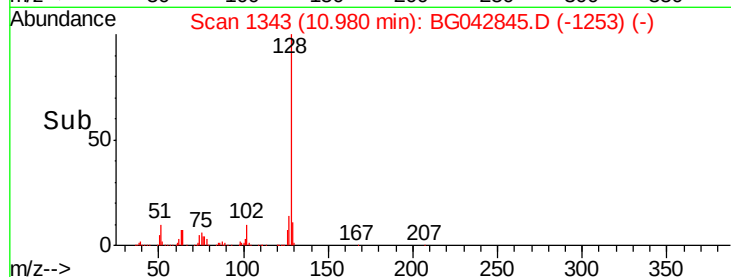
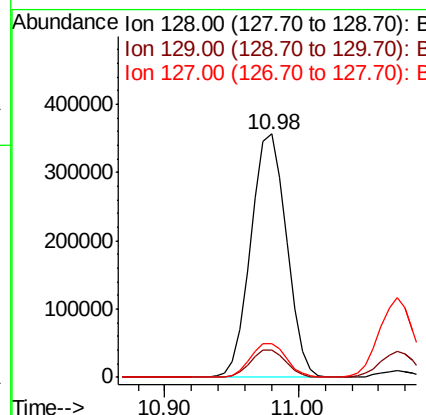
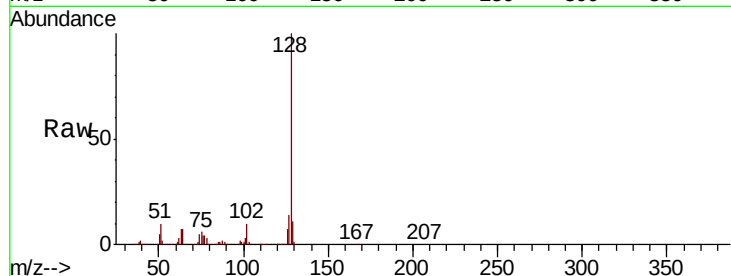




#31
Naphthalene
Concen: 43.255 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

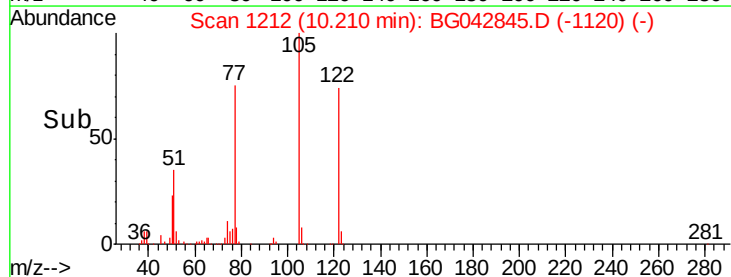
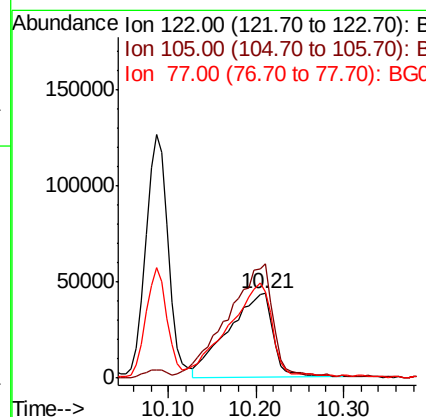
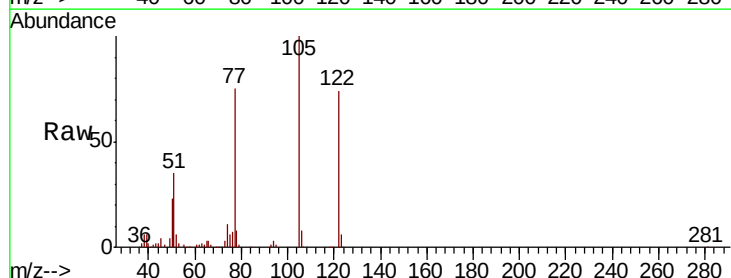
Instrument :
BNA_G
ClientSampleId :

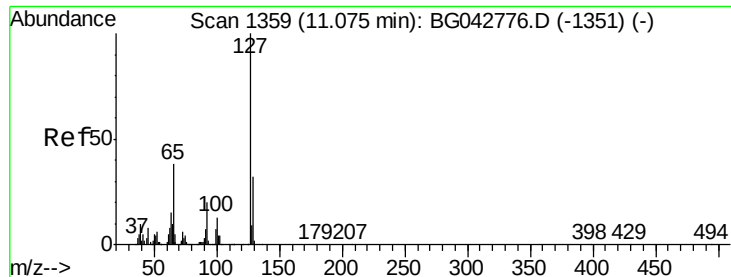
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.7	11.4	17.2



#32
Benzoic acid
Concen: 43.896 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.3	104.0	144.0
77	101.6	84.2	124.2

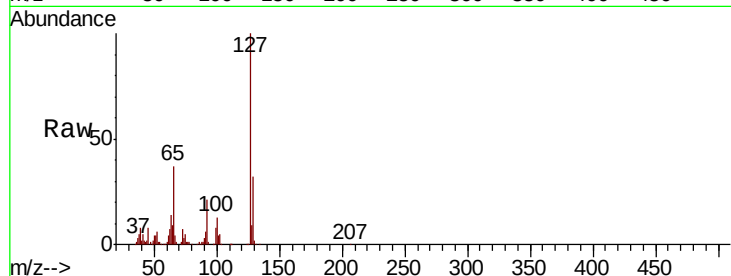




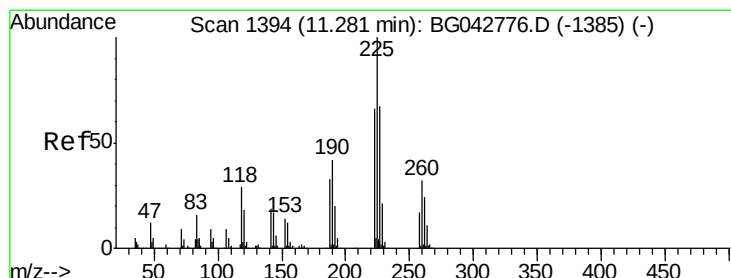
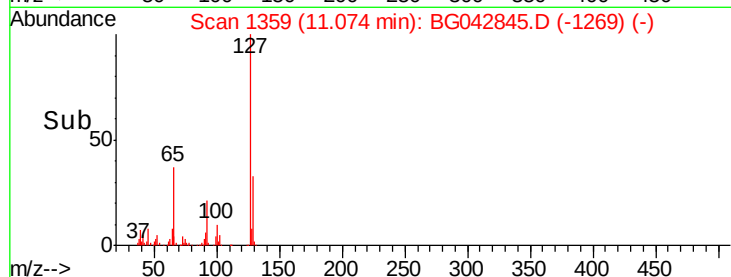
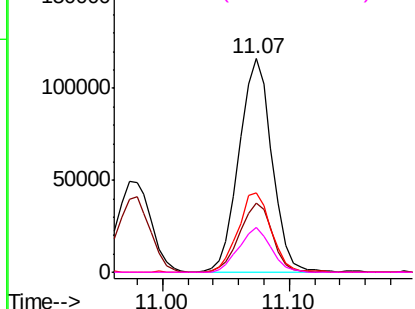
#33
4-Chloroaniline
Concen: 29.289 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	208167
Ion Ratio	Lower	Upper
127	100	
129	32.5	25.8 38.6
65	37.3	30.5 45.7
92	20.9	15.9 23.9

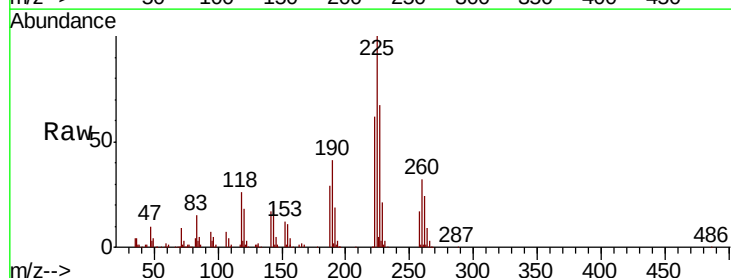


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

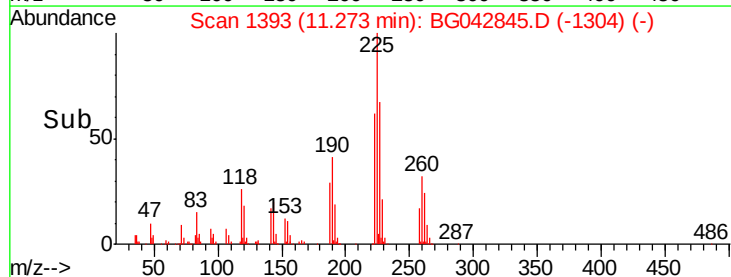
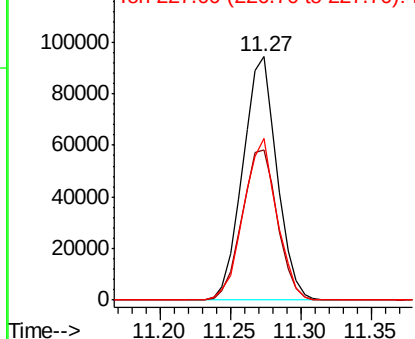


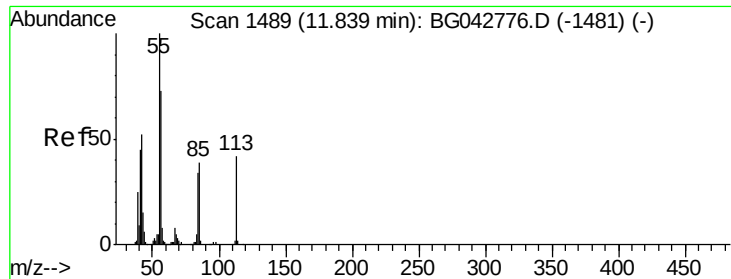
#34
Hexachlorobutadiene
Concen: 37.252 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion:225	Resp:	159938
Ion Ratio	Lower	Upper
225	100	
223	61.9	52.6 79.0
227	66.5	53.6 80.4



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

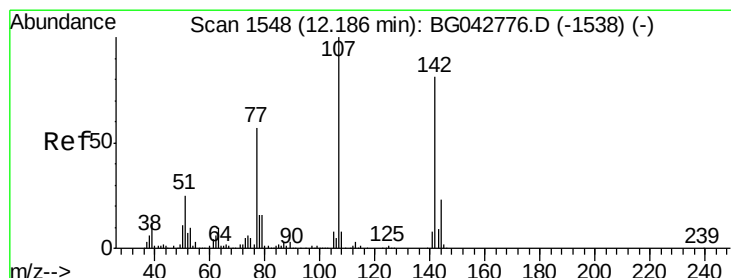
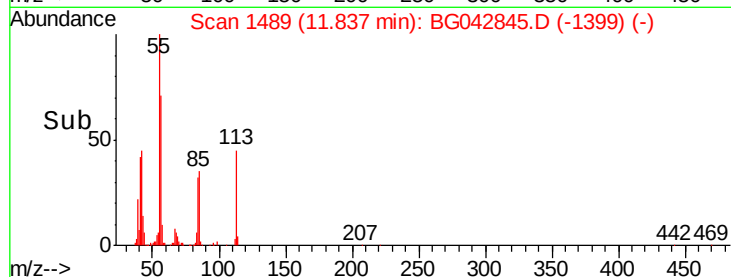
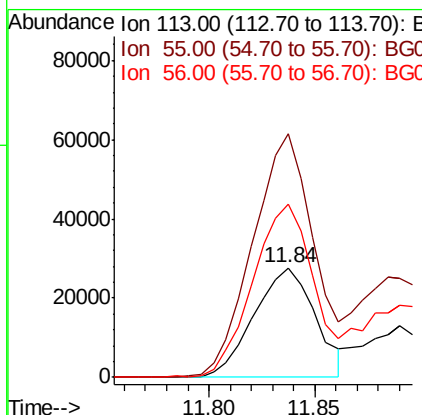
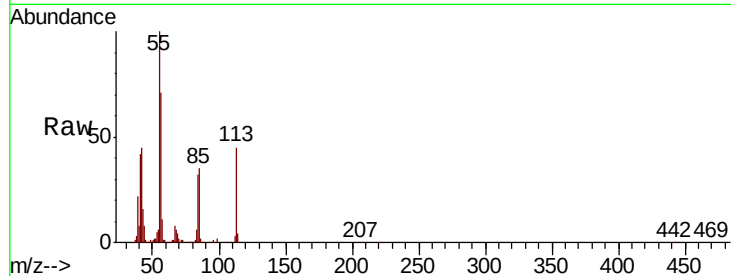




#35
 Caprolactam
 Concen: 29.766 ng
 RT: 11.84 min Scan# 1489
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

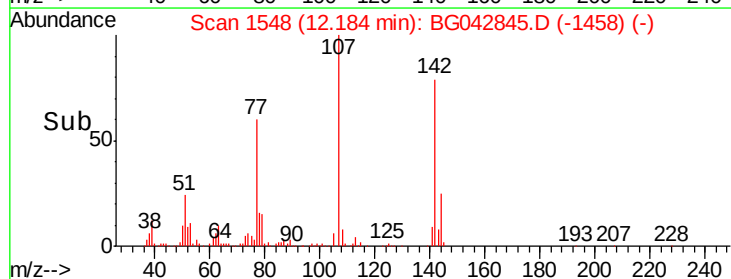
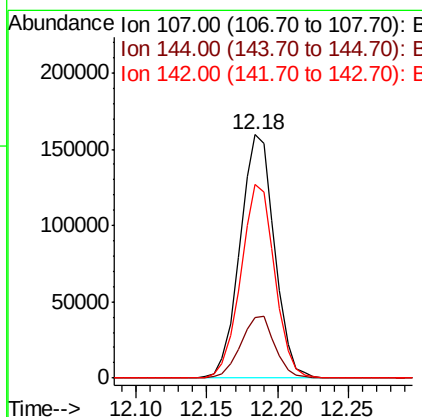
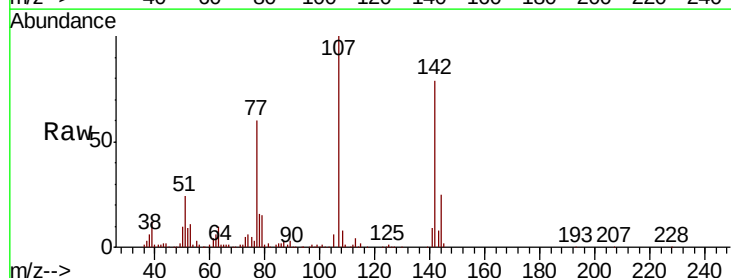
Instrument :
 BNA_G
 ClientSampled :

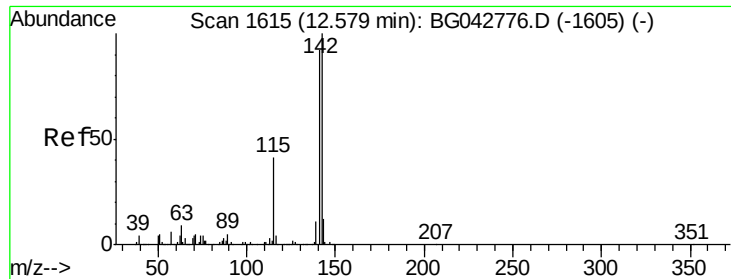
Tot Ion:113 Resp: 55557
 Ion Ratio Lower Upper
 113 100
 55 222.2 218.4 258.4
 56 158.1 154.8 194.8



#36
 4-Chloro-3-methylphenol
 Concen: 49.899 ng
 RT: 12.18 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Tgt Ion:107 Resp: 271931
 Ion Ratio Lower Upper
 107 100
 144 24.9 18.7 28.1
 142 79.5 65.0 97.4

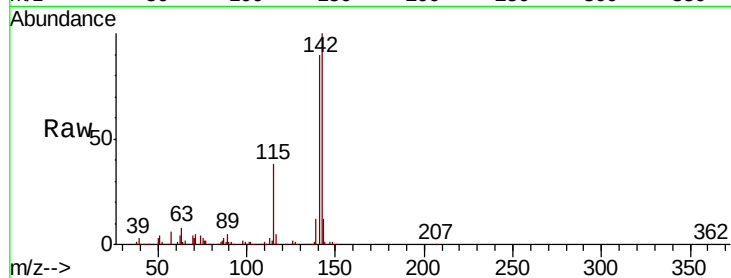




#37
 2-Methylnaphthalene
 Concen: 43.903 ng
 RT: 12.58 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.8	110.8
115	37.6	33.0	49.4

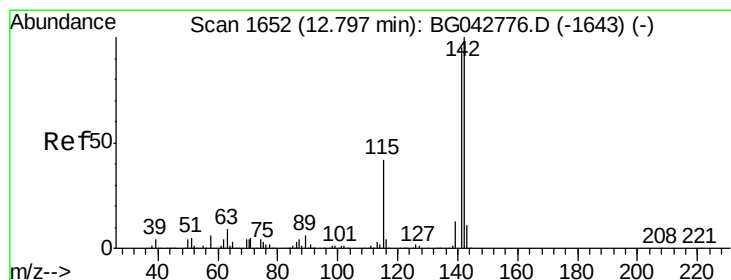
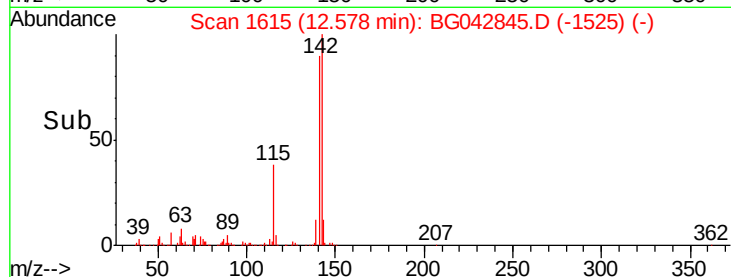
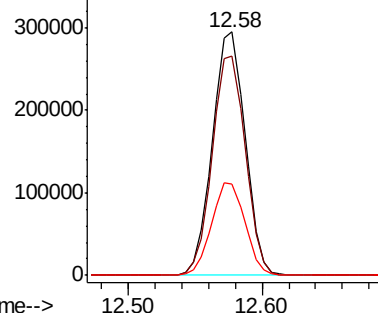


Abundance

Ion 142.00 (141.70 to 142.70): E

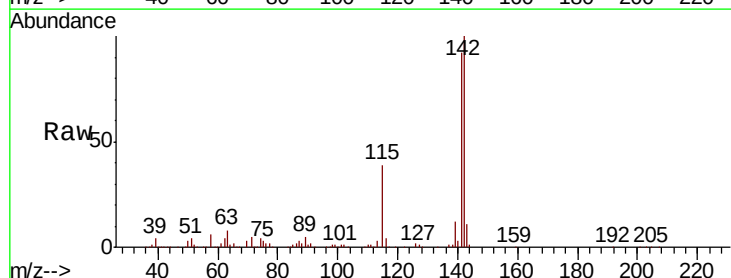
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 44.735 ng
 RT: 12.80 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	76.3	114.5
116	3.7	3.4	5.0

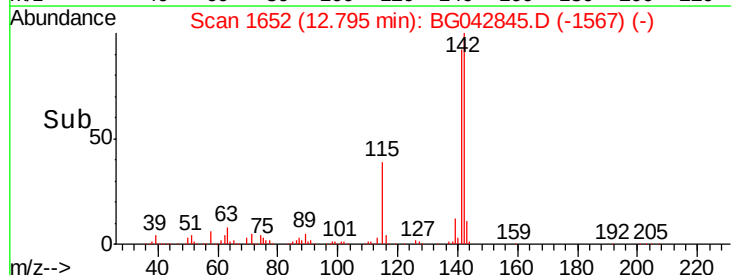
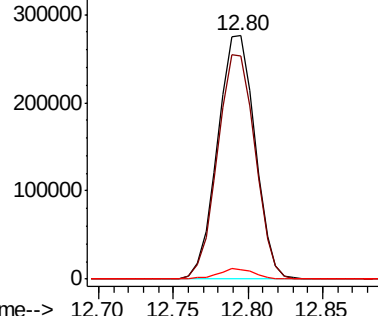


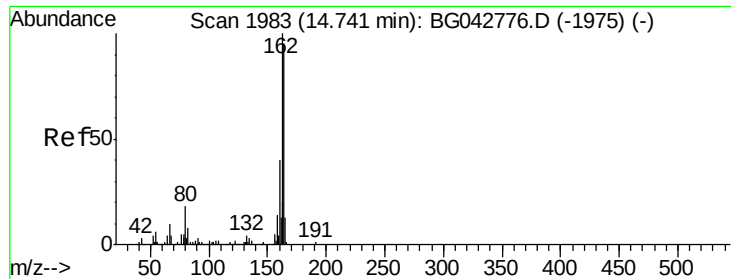
Abundance

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: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

ClientSampleId :

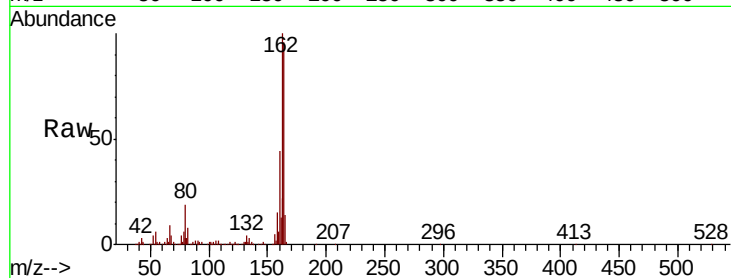
Tot Ion:164 Resp: 228114

Ion Ratio Lower Upper

164 100

162 104.0 84.6 126.8

160 46.3 34.2 51.2

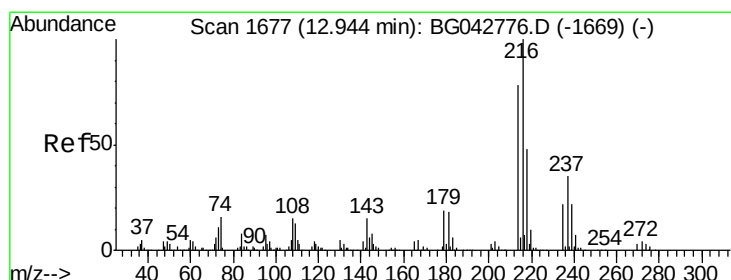
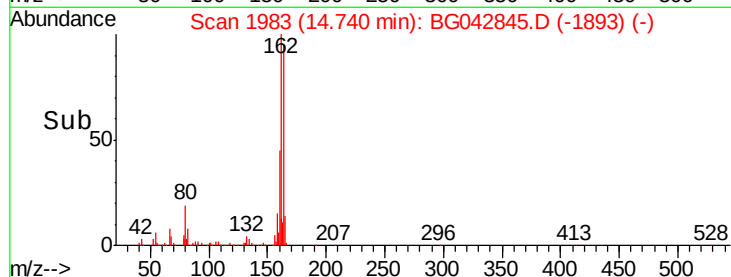
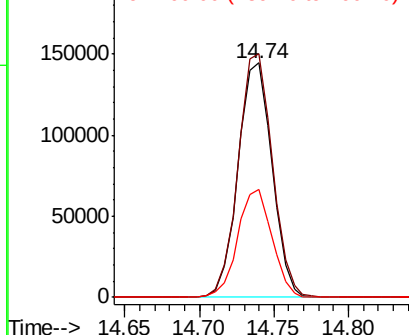


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.566 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Tgt Ion:216 Resp: 305782

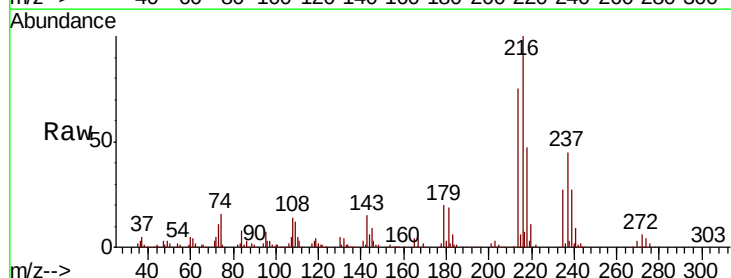
Ion Ratio Lower Upper

216 100

214 78.4 62.8 94.2

179 19.8 15.3 22.9

108 17.5 12.9 19.3



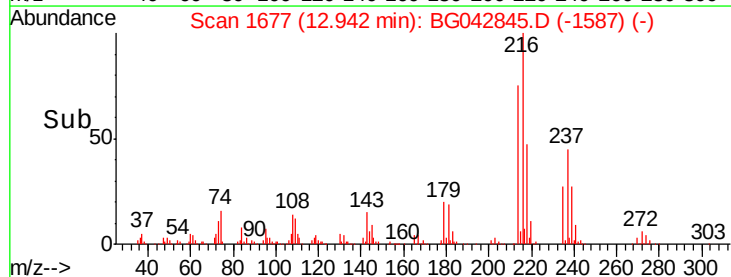
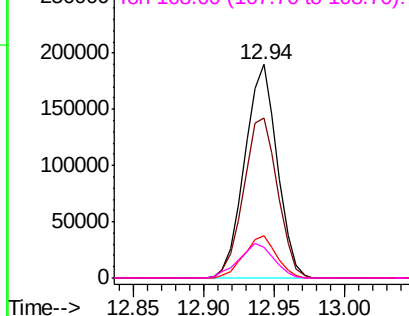
Abundance

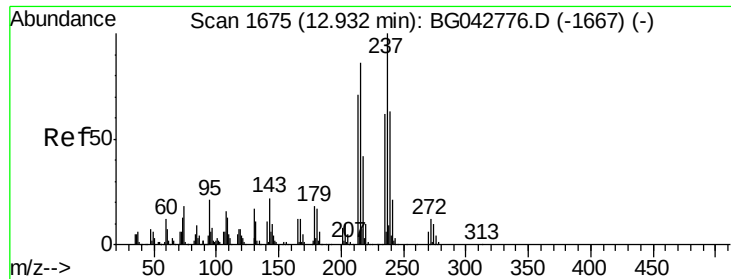
Ion 216.00 (215.70 to 216.70): E

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: 85.398 ng

RT: 12.92 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

ClientSampleId :

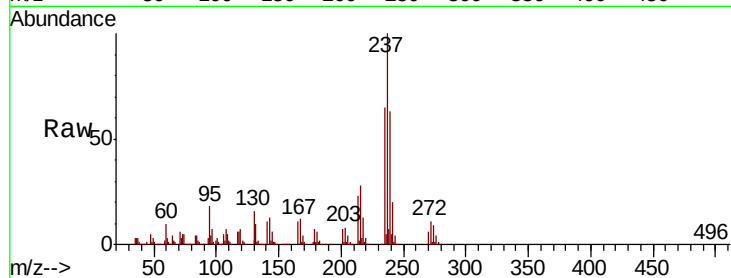
Tot Ion:237 Resp: 368773

Ion Ratio Lower Upper

237 100

235 65.2 41.9 81.9

272 11.4 0.0 31.6

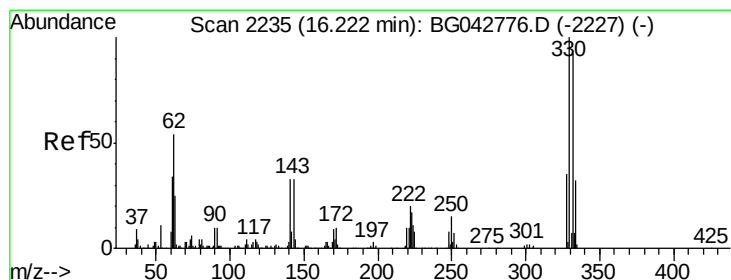
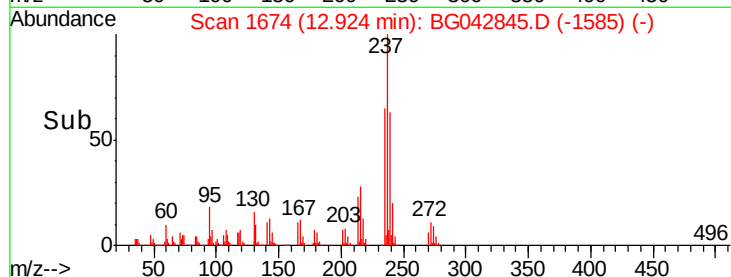
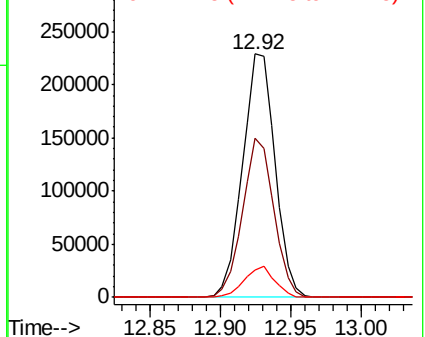


Abundance

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: 129.656 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

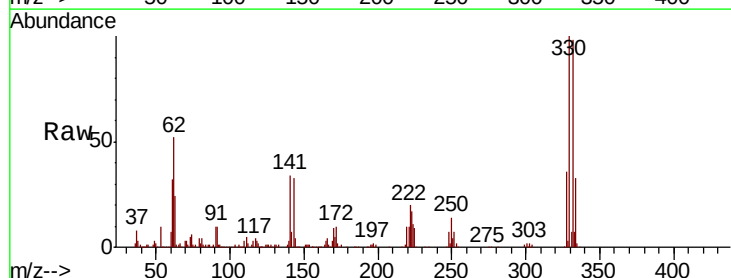
Tgt Ion:330 Resp: 393491

Ion Ratio Lower Upper

330 100

332 97.7 76.7 115.1

141 33.4 27.0 40.6

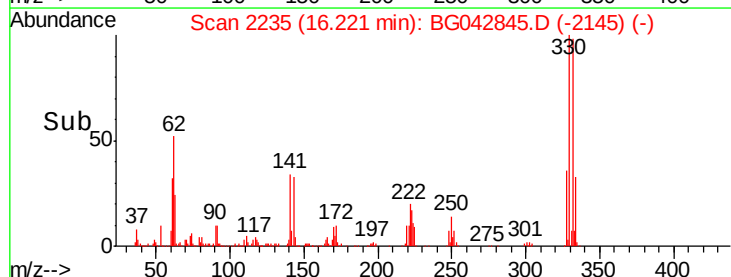
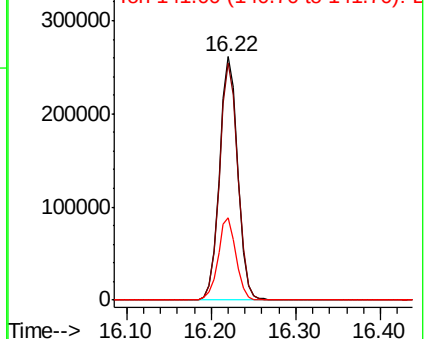


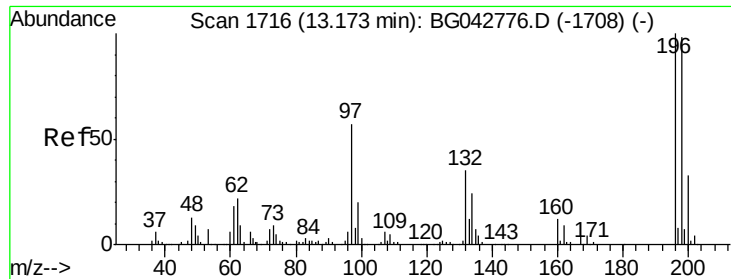
Abundance

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

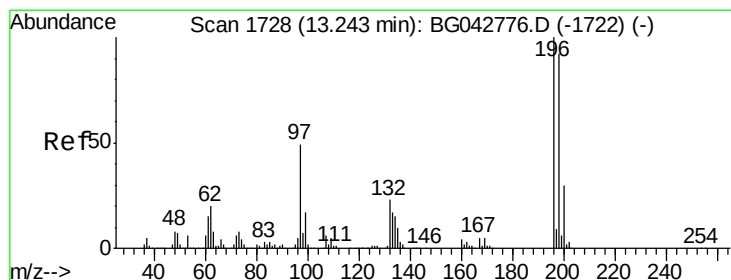
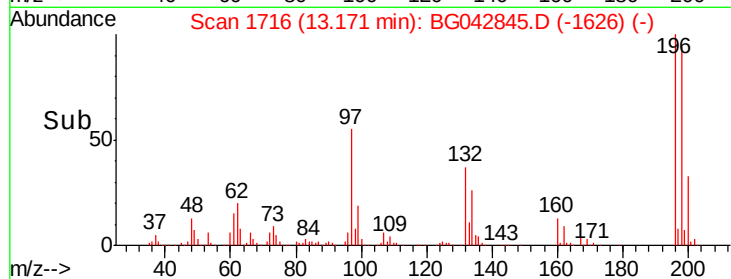
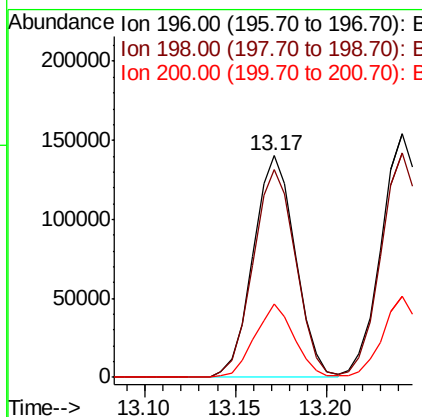
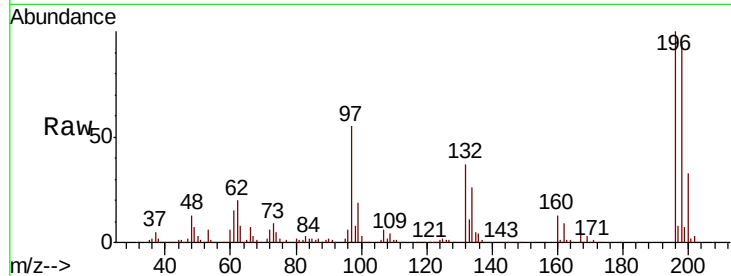




#43
 2,4,6-Trichlorophenol
 Concen: 45.240 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

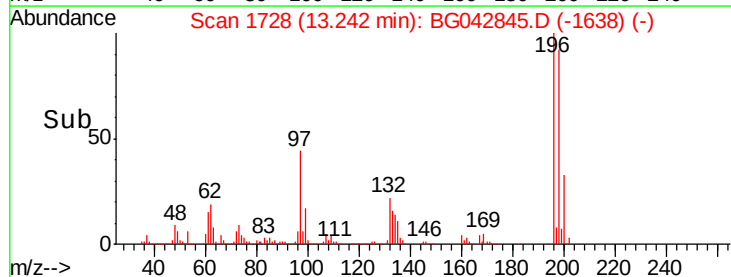
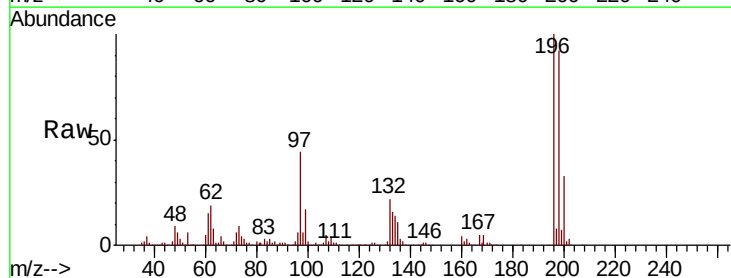
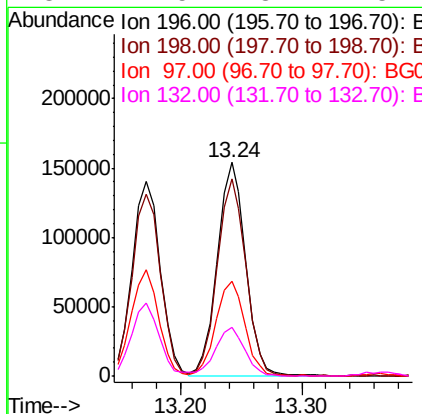
Instrument :
 BNA_G
 ClientSampleId :

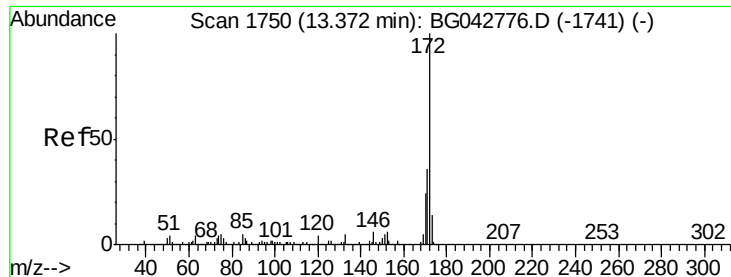
Tot Ion	196	Resp	227030
Ion	Ratio	Lower	Upper
196	100		
198	93.7	78.8	118.2
200	33.1	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 48.525 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Tgt Ion	196	Resp	249433
Ion	Ratio	Lower	Upper
196	100		
198	92.3	73.4	110.0
97	44.5	39.2	58.8
132	22.5	18.7	28.1



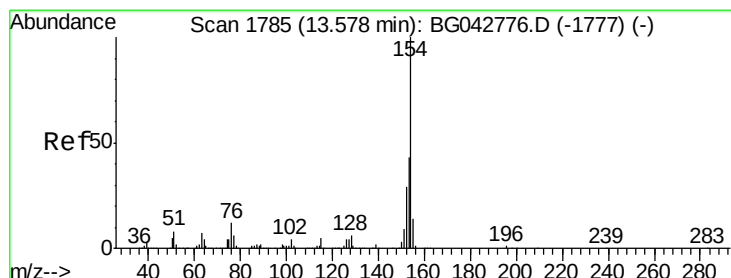
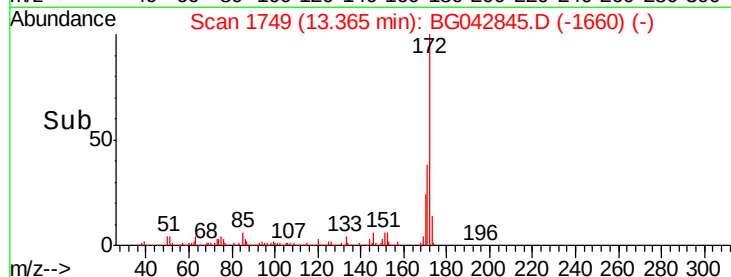
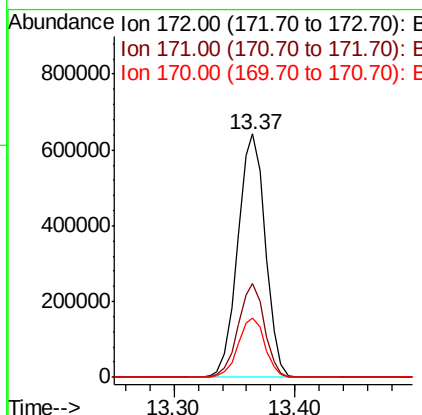
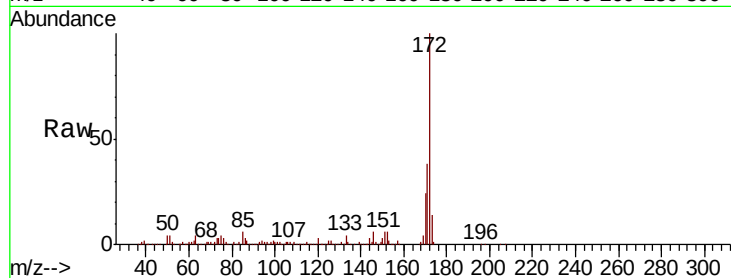


#45
 2-Fluorobiphenyl
 Concen: 70.619 ng
 RT: 13.37 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1017684

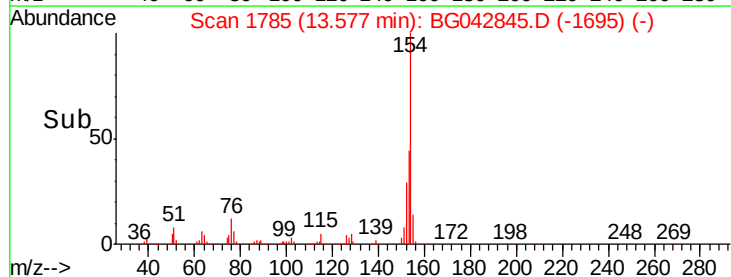
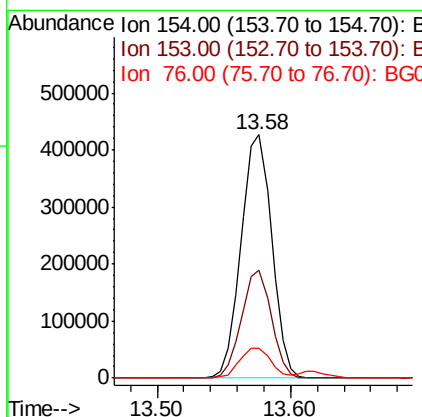
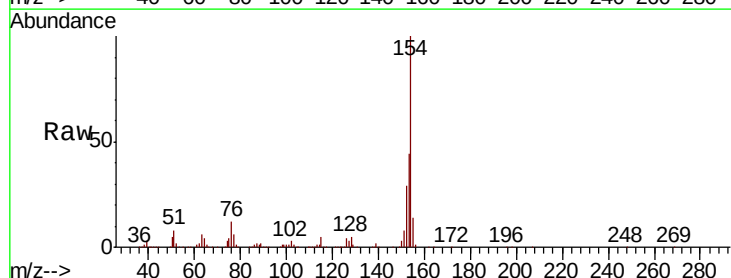
Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.9	43.3
170	24.3	19.1	28.7

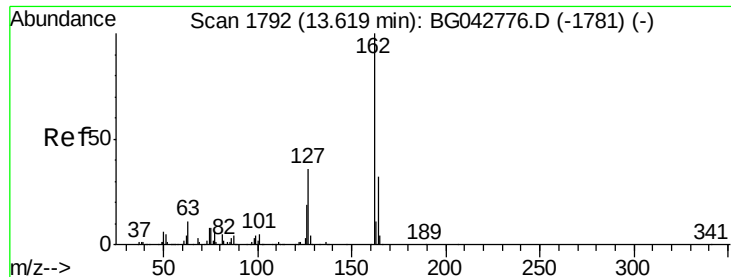


#46
 1,1'-Biphenyl
 Concen: 42.412 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Tgt Ion:154 Resp: 677298

Ion	Ratio	Lower	Upper
154	100		
153	44.1	22.6	62.6
76	12.3	0.0	32.2

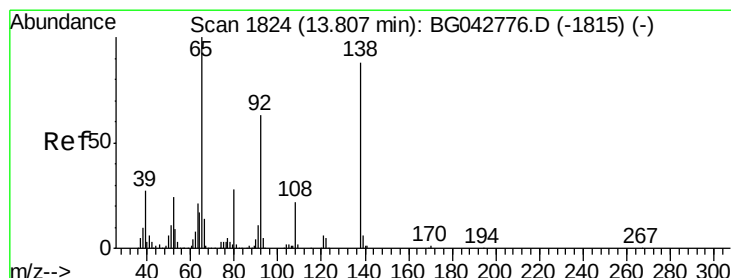
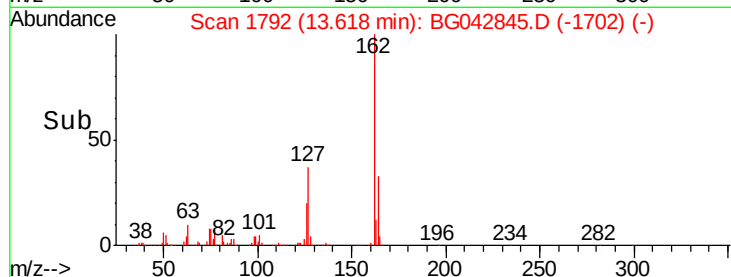
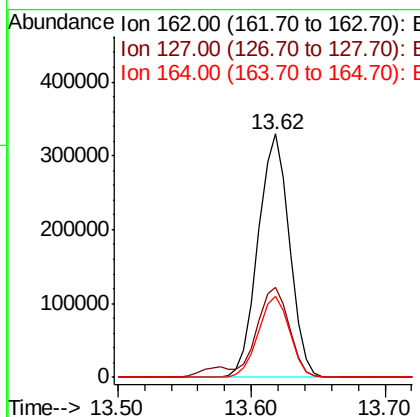
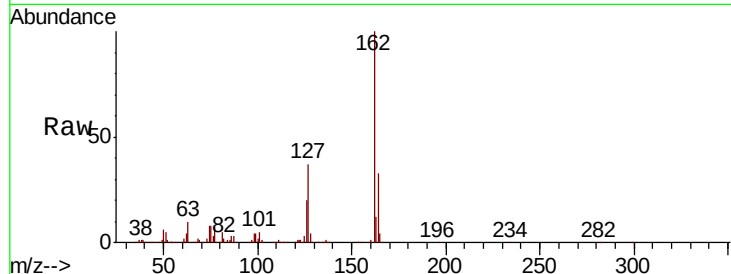




#47
 2-Chloronaphthalene
 Concen: 40.425 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

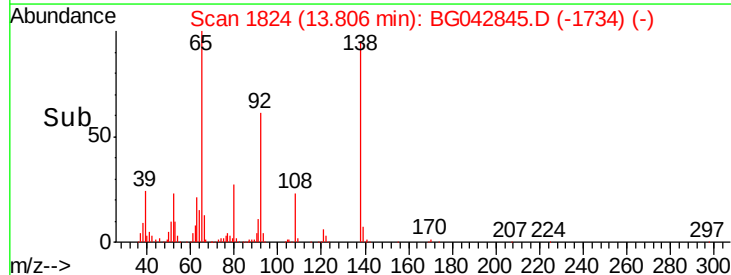
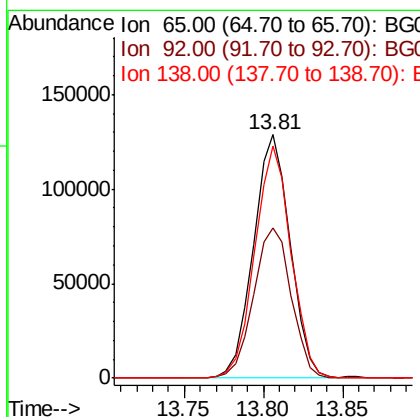
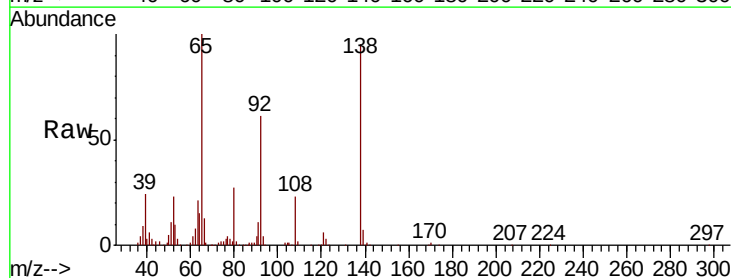
Instrument :
 BNA_G
 ClientSampleId :

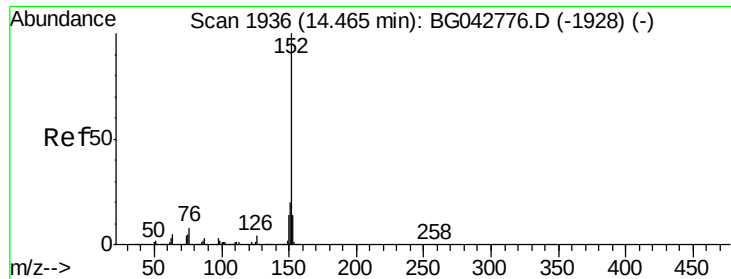
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	29.3	43.9
164	33.4	26.0	39.0



#48
 2-Nitroaniline
 Concen: 45.259 ng
 RT: 13.81 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.5	50.4	75.6
138	95.2	70.6	106.0





#49

Acenaphthylene

Concen: 43.951 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

ClientSampleId :

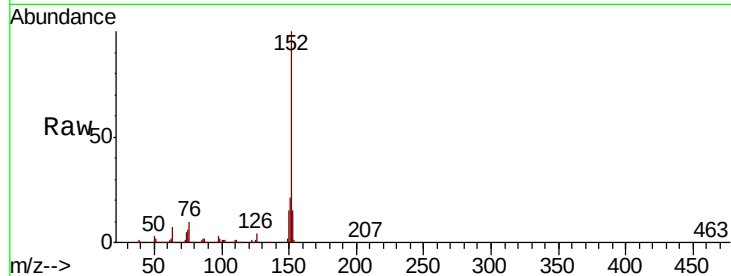
Tot Ion:152 Resp: 887275

Ion Ratio Lower Upper

152 100

151 21.5 16.0 24.0

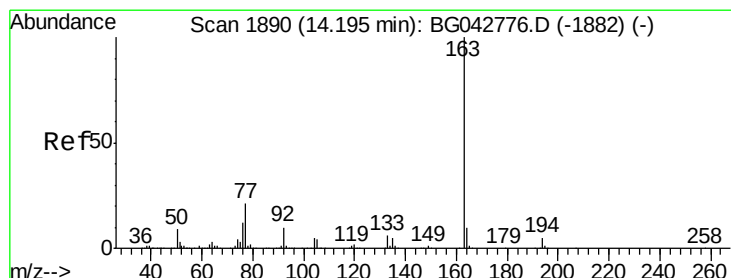
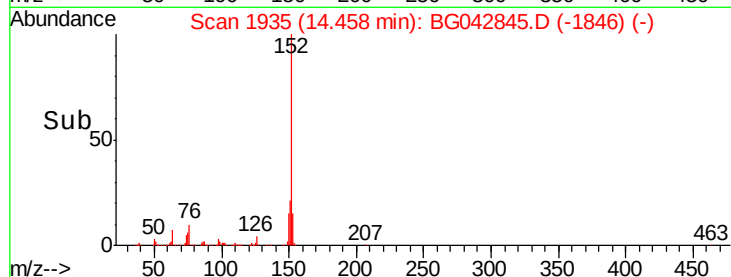
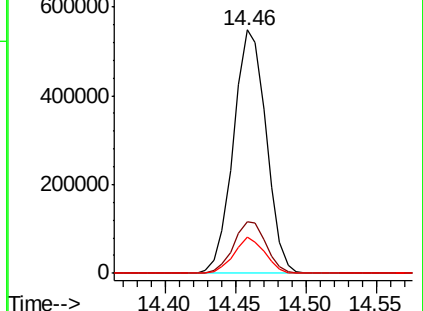
153 14.7 11.4 17.0



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: 43.659 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

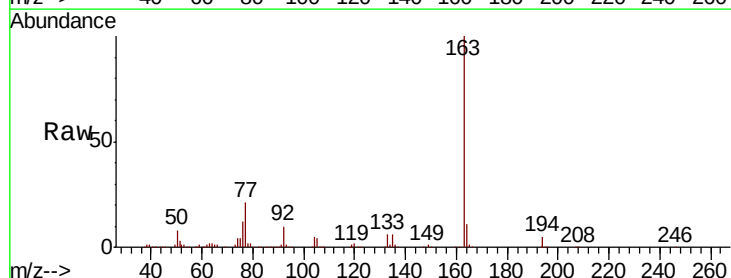
Tgt Ion:163 Resp: 746076

Ion Ratio Lower Upper

163 100

194 5.0 4.2 6.4

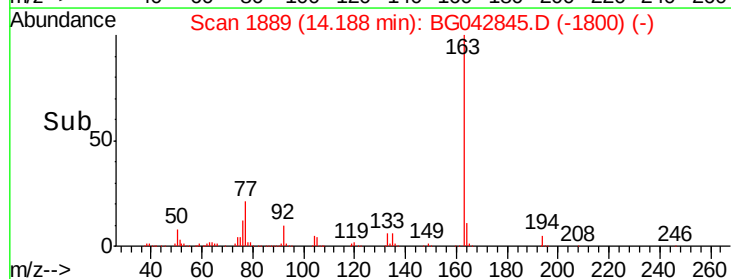
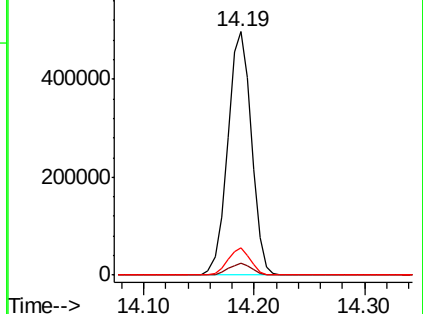
164 11.1 8.4 12.6

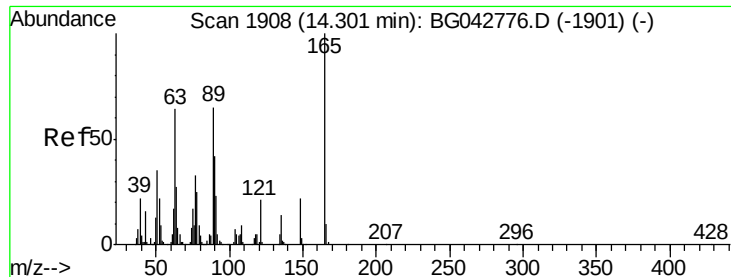


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

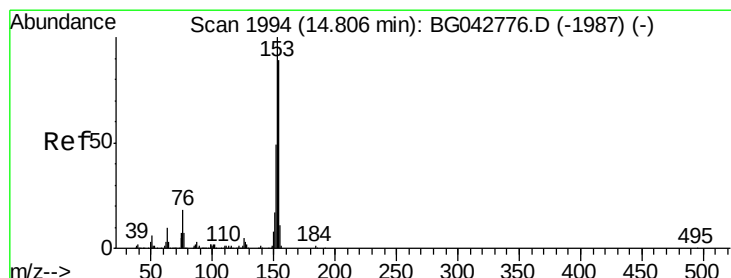
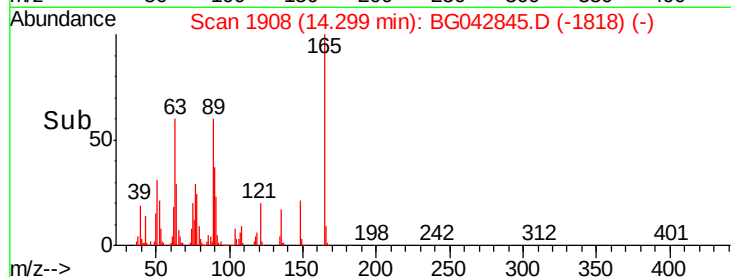
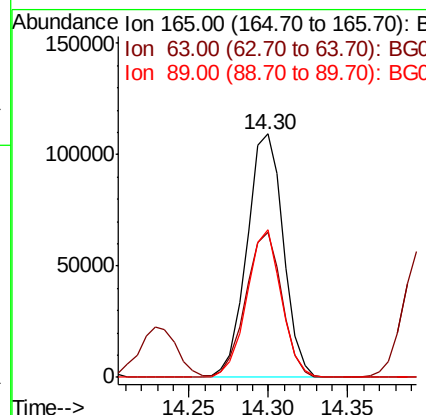
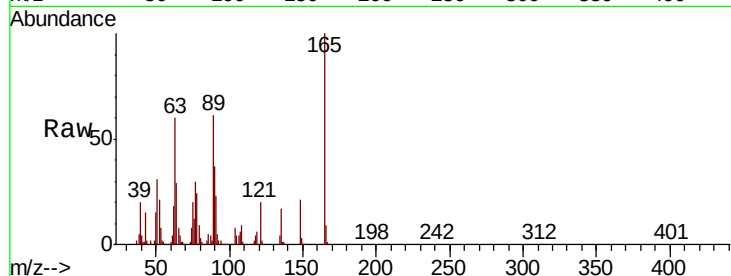




#51
 2,6-Dinitrotoluene
 Concen: 49.494 ng
 RT: 14.30 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

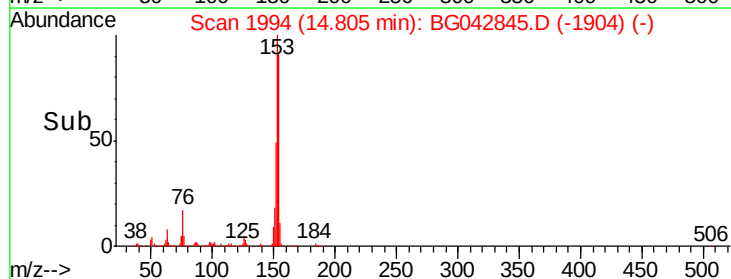
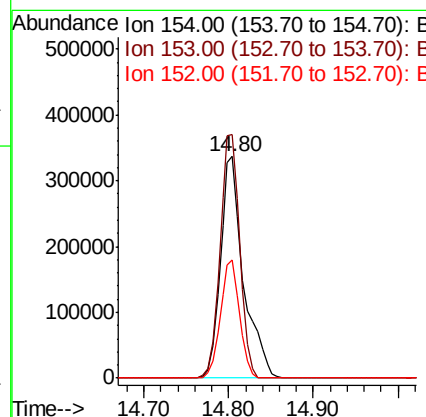
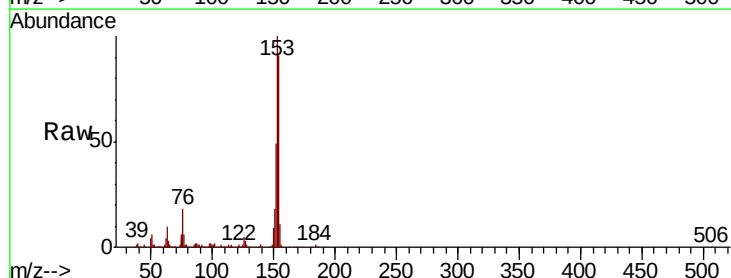
Instrument :
 BNA_G
 ClientSampled :

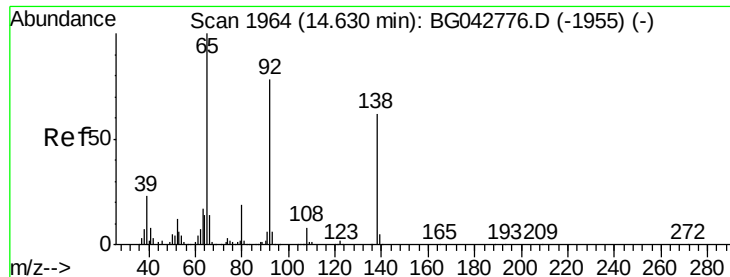
Tot Ion	Ratio	Lower	Upper
165	100		
63	59.8	52.1	78.1
89	60.7	51.7	77.5



#52
 Acenaphthene
 Concen: 48.725 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.8	89.4	134.2
152	53.5	43.5	65.3

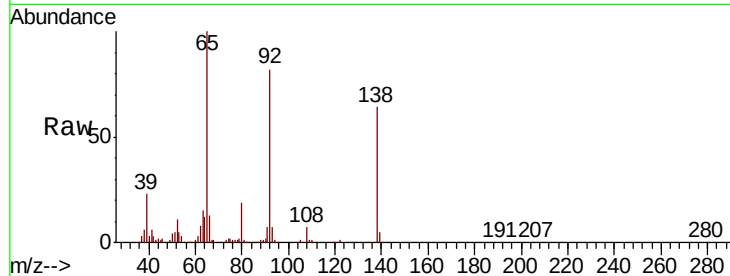




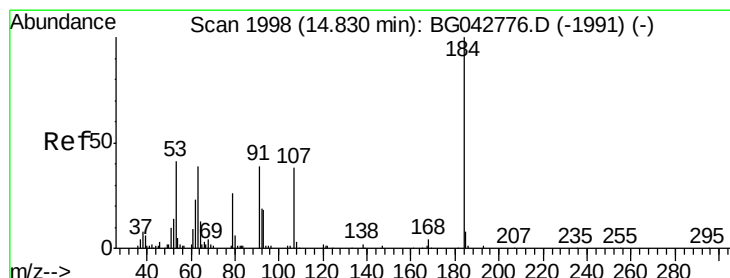
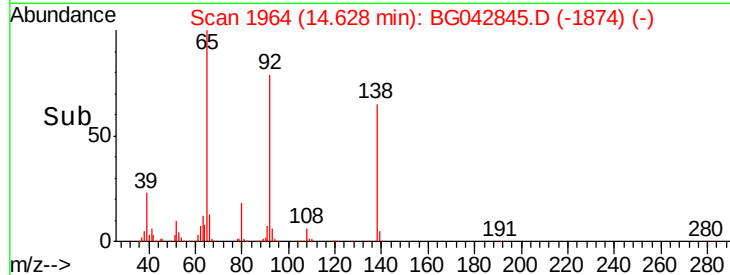
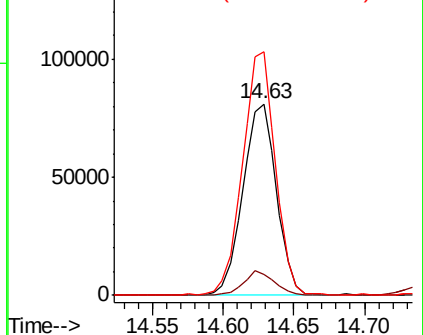
#53
 3-Nitroaniline
 Concen: 34.323 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 135072
 Ion Ratio Lower Upper
 138 100
 108 11.0 10.7 16.1
 92 127.1 100.5 150.7

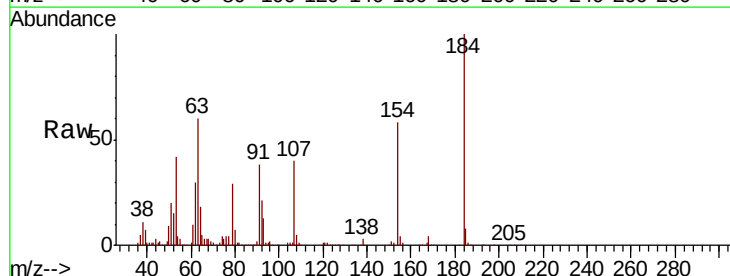


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): E

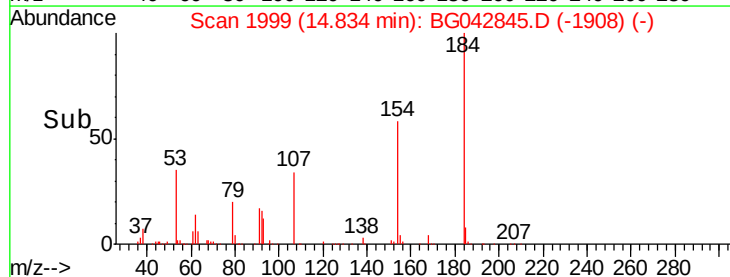
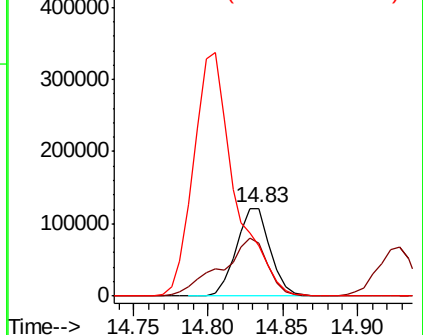


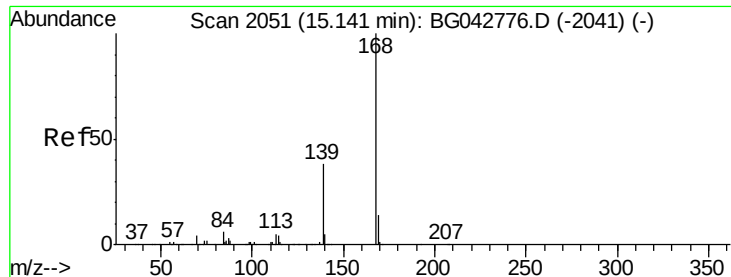
#54
 2,4-Dinitrophenol
 Concen: 110.641 ng
 RT: 14.83 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Tgt Ion:184 Resp: 190985
 Ion Ratio Lower Upper
 184 100
 63 59.9 46.2 69.4
 154 58.0 81.3 121.9#



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

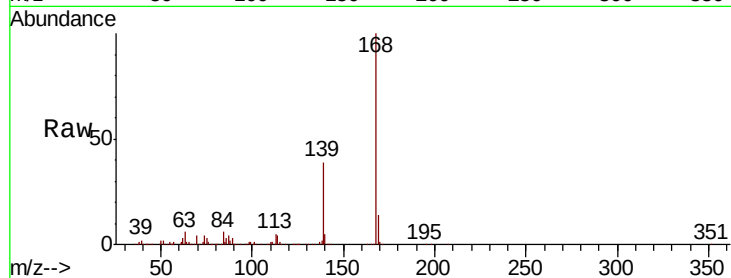




#55
Dibenzenofuran
Concen: 44.095 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.2	45.4
169	14.1	11.2	16.8

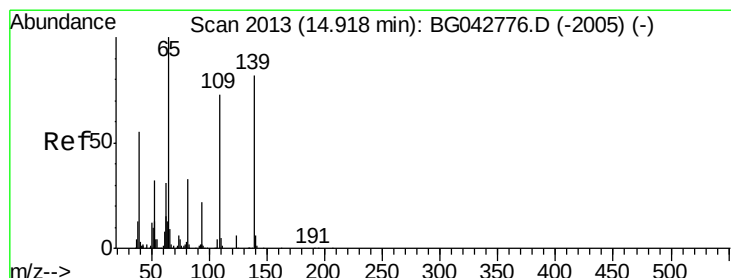
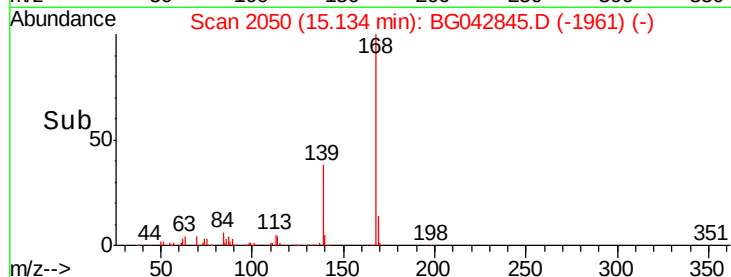
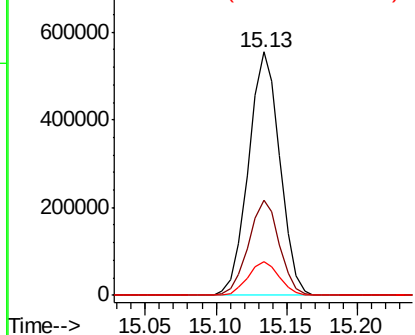


Abundance

Ion 168.00 (167.70 to 168.70): E

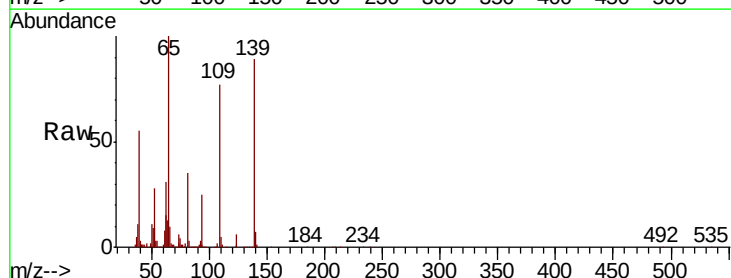
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 106.985 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	86.6	69.4	109.4
65	112.9	102.5	142.5

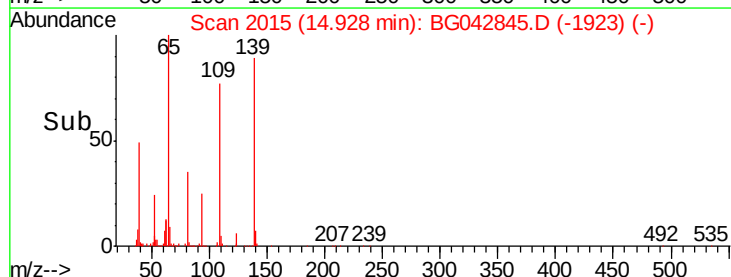
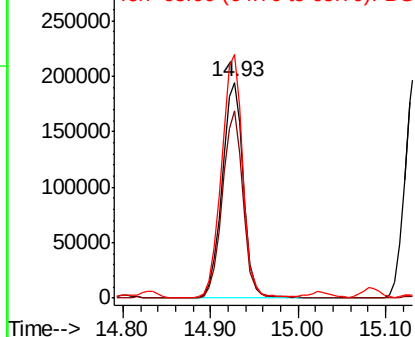


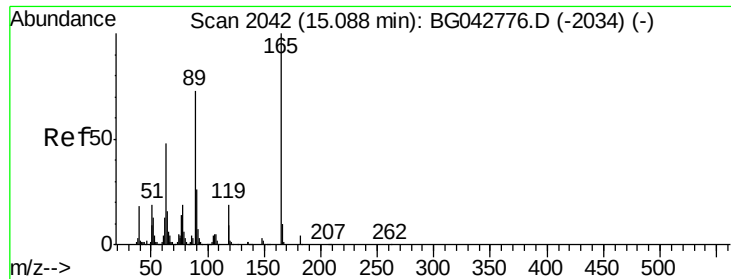
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

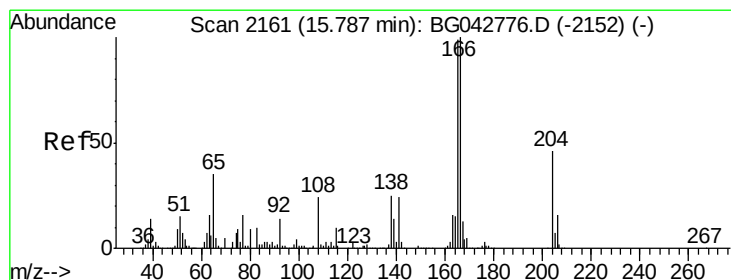
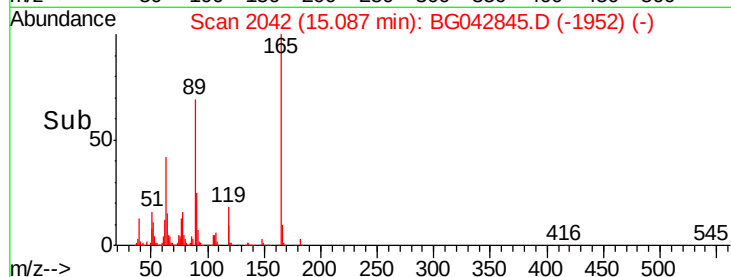
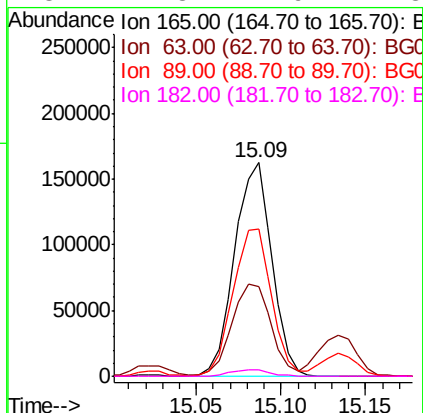
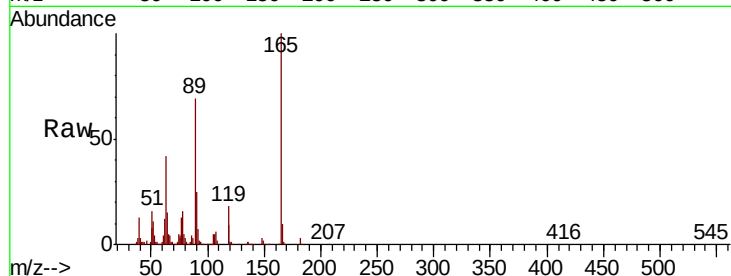




#57
2,4-Dinitrotoluene
Concen: 53.343 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

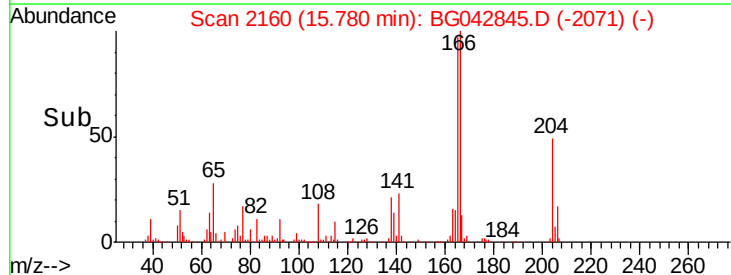
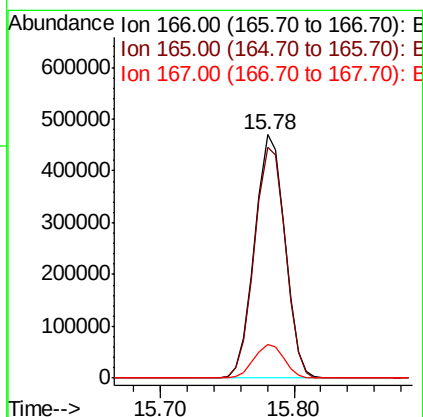
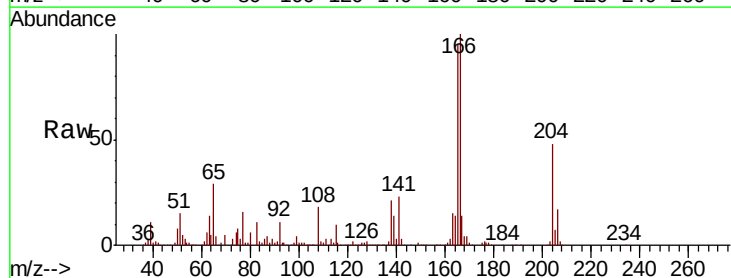
Instrument :
BNA_G
ClientSampleId :

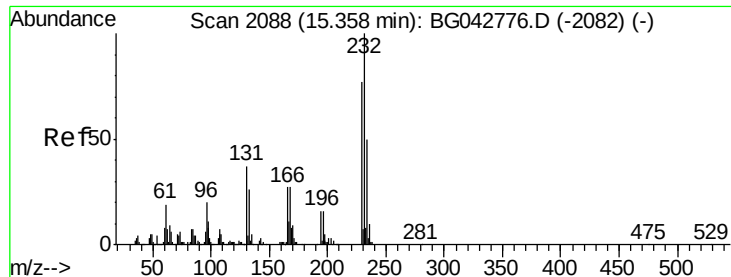
Tot Ion:165	Resp:	249314	
Ion Ratio	Lower	Upper	
165 100			
63 42.2	38.3	57.5	
89 68.7	58.4	87.6	
182 2.8	2.9	4.3#	



#58
Fluorene
Concen: 45.270 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt	Ion:166	Resp:	735481
Ion	Ratio	Lower	Upper
166	100		
165	95.0	79.1	118.7
167	13.8	10.7	16.1

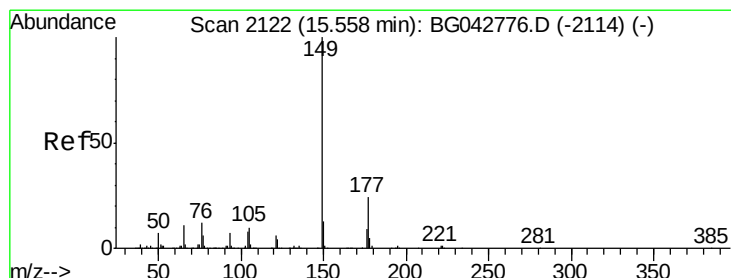
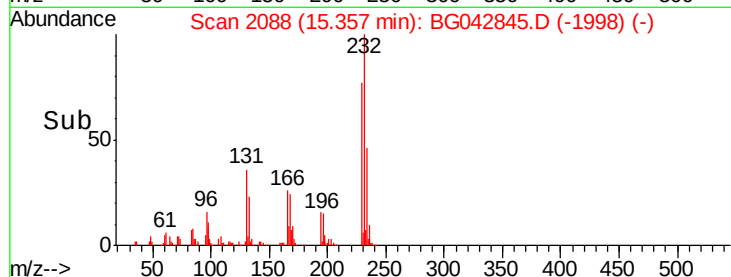
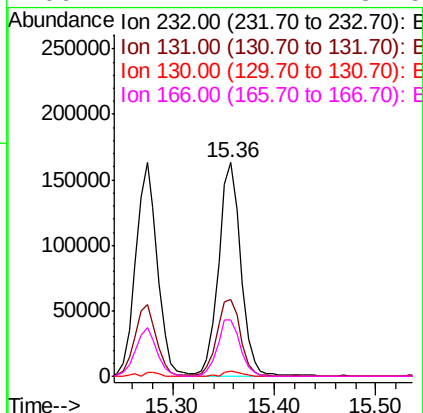
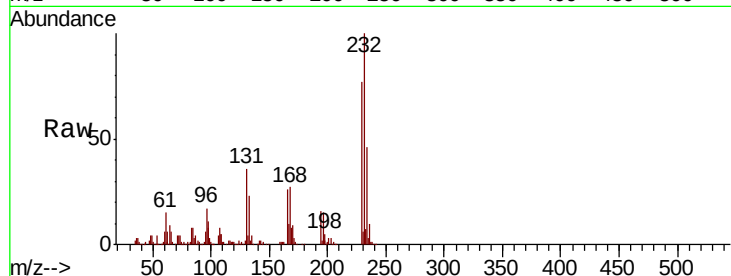




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.997 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

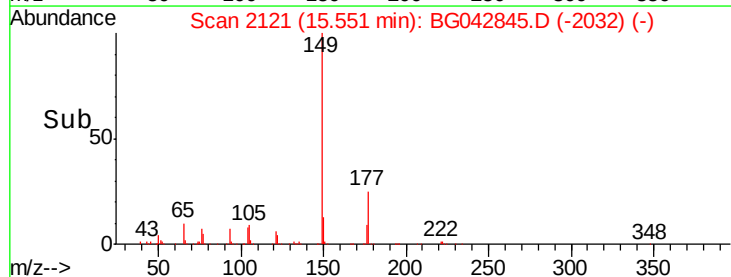
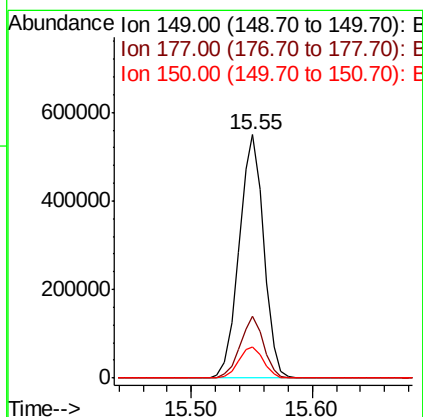
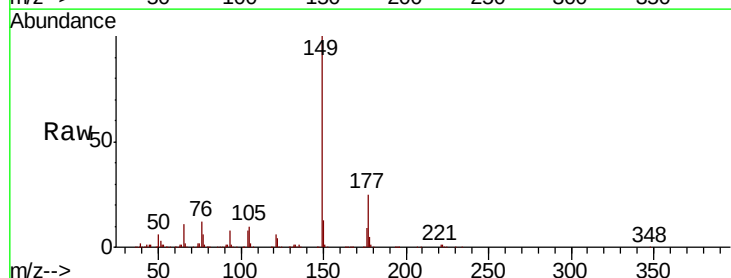
Instrument :
 BNA_G
 ClientSampled :

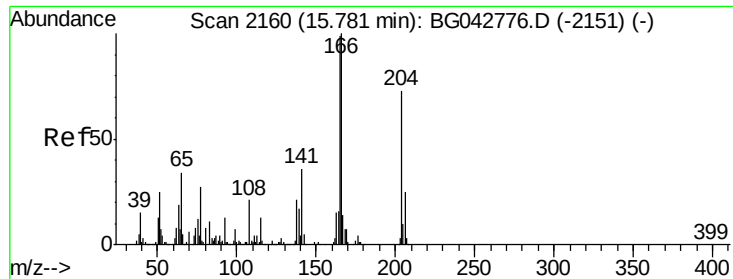
Tot Ion:	232	Resp:	249133
Ion	Ratio	Lower	Upper
232	100		
131	37.6	31.1	46.7
130	2.1	1.8	2.6
166	27.1	21.7	32.5



#60
 Diethylphthalate
 Concen: 44.745 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Tgt Ion:	149	Resp:	776157
Ion	Ratio	Lower	Upper
149	100		
177	25.3	19.4	29.0
150	12.8	10.2	15.4

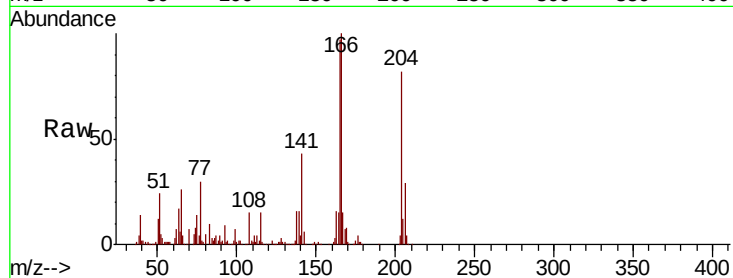




#61
 4-Chlorophenyl-phenylether
 Concen: 42.673 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.4	27.6	41.4
141	51.7	39.8	59.6

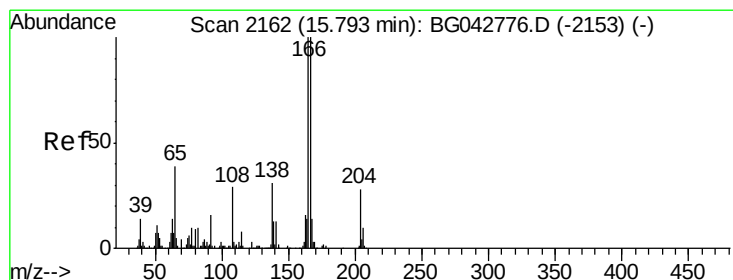
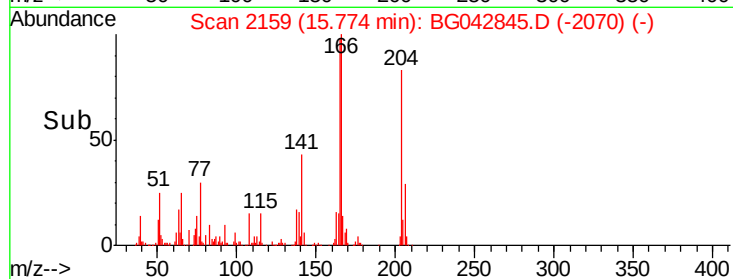
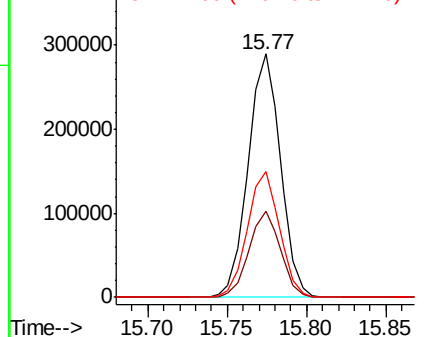


Abundance

Ion 204.00 (203.70 to 204.70): E

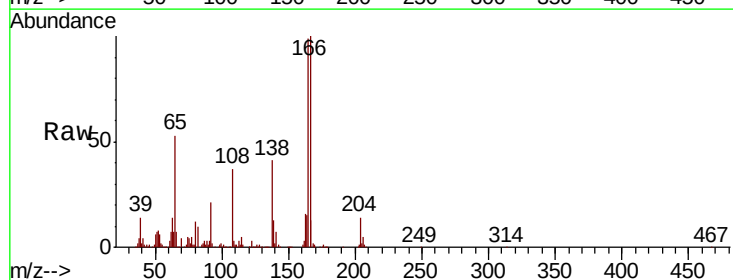
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 48.314 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	31.4	71.4
108	92.0	74.8	114.8

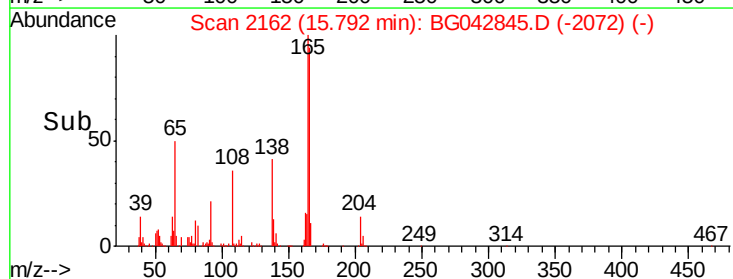
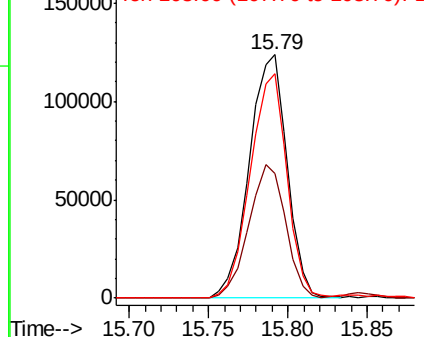


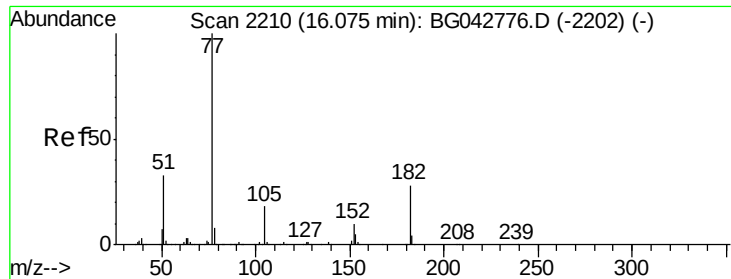
Abundance

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

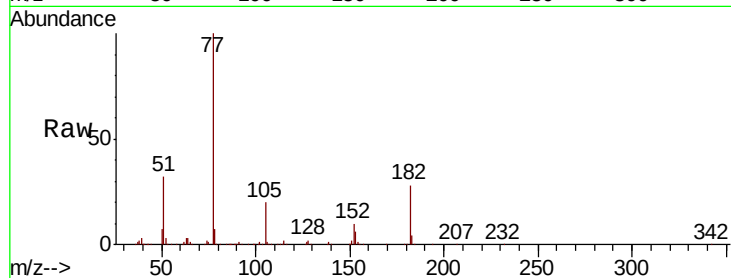




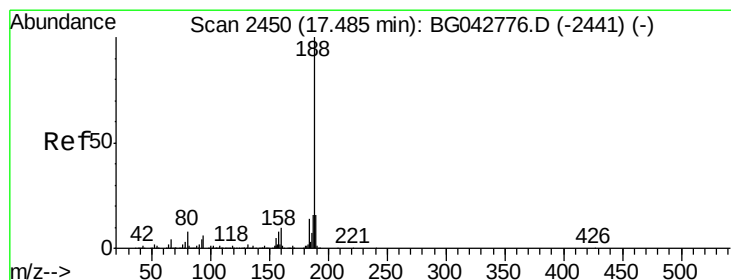
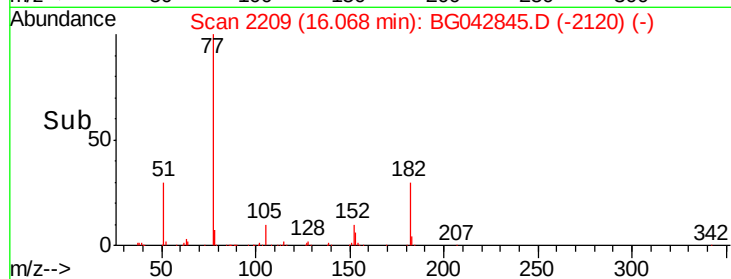
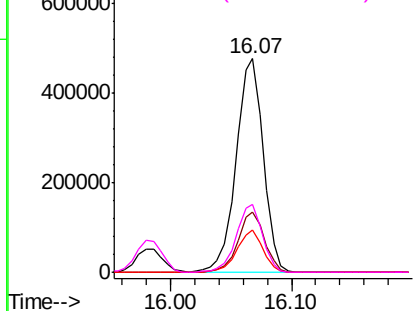
#63
Azobenzene
Concen: 44.788 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	748130
Ion	Ratio	Lower	Upper
77	100		
182	28.4	8.1	48.1
105	19.6	0.0	38.1
51	31.8	12.9	52.9

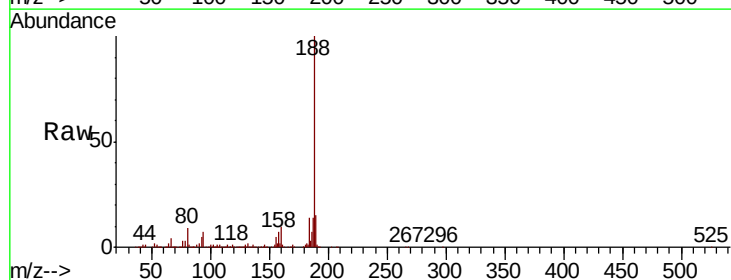


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

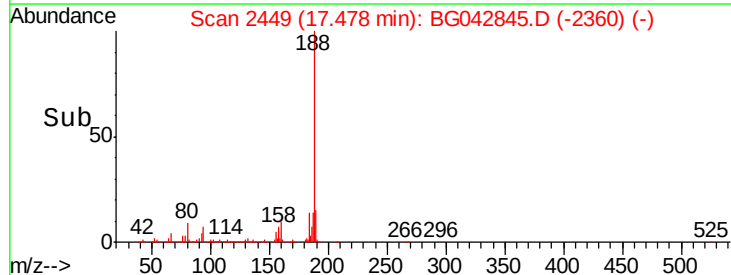
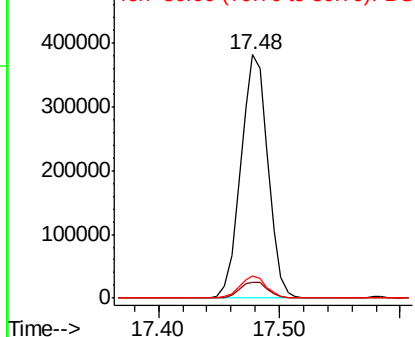


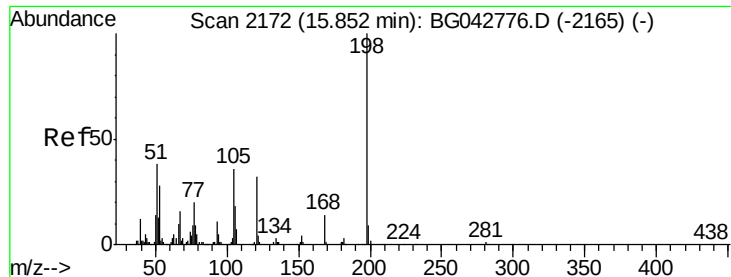
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion:	188	Resp:	595617
Ion	Ratio	Lower	Upper
188	100		
94	6.6	4.8	7.2
80	9.0	6.6	9.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 54.079 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

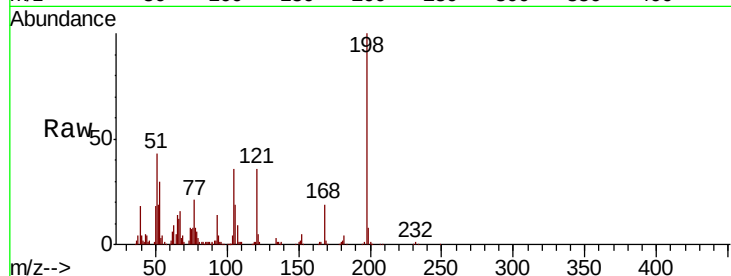
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 137822

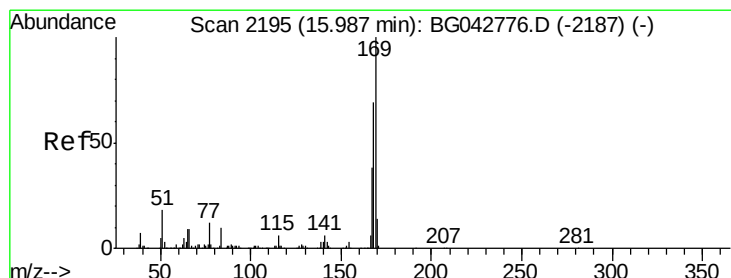
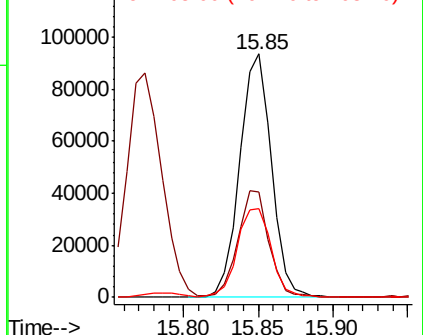
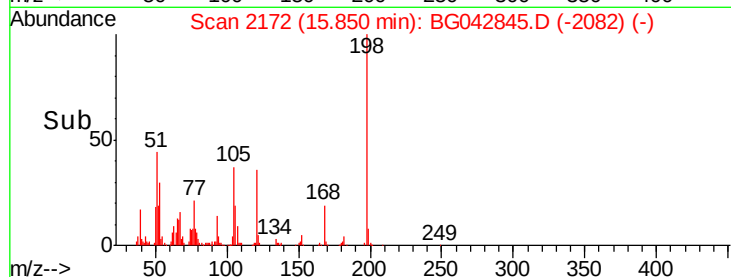
Ion	Ratio	Lower	Upper
198	100		
51	43.5	20.9	60.9
105	36.5	16.4	56.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.026 ng

RT: 15.99 min Scan# 2195

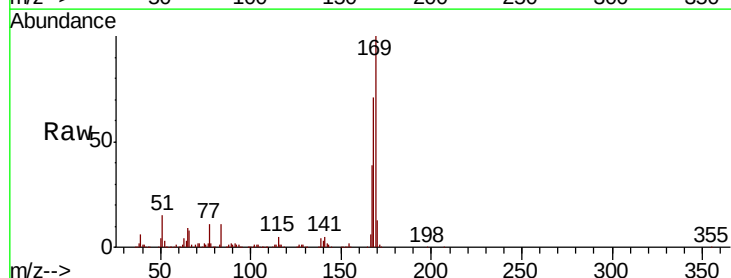
Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Tgt Ion:169 Resp: 673570

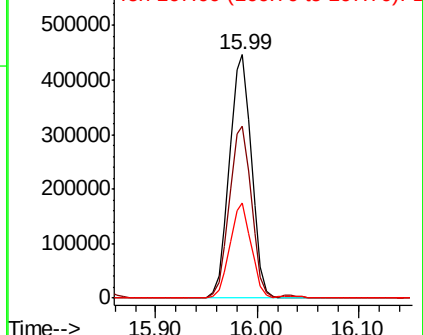
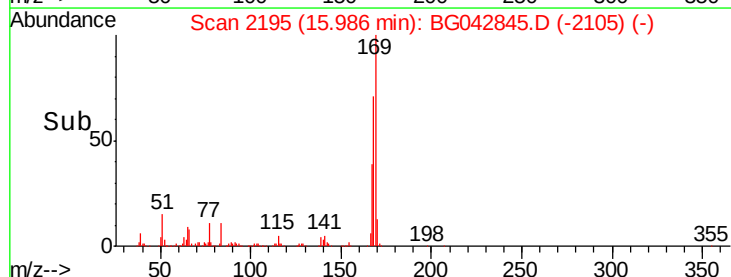
Ion	Ratio	Lower	Upper
169	100		
168	70.6	55.4	83.2
167	39.1	30.4	45.6

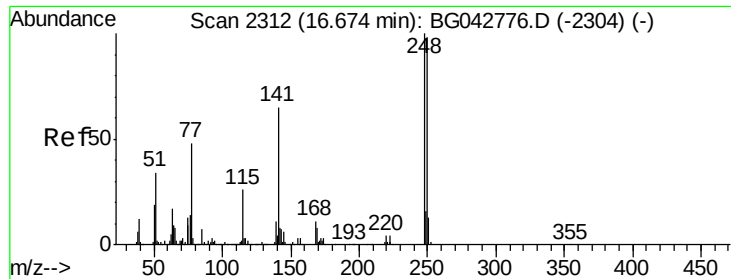


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

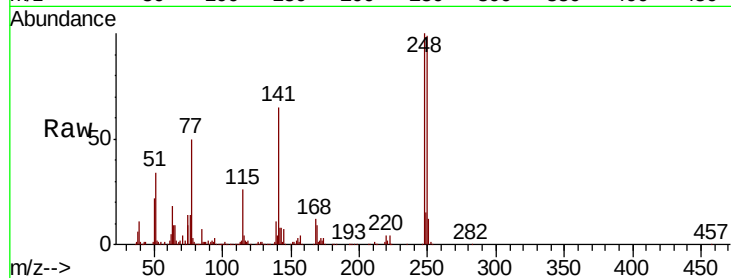




#67
4-Bromophenyl-phenylether
Concen: 39.125 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.0	117.0
141	65.4	51.8	77.6

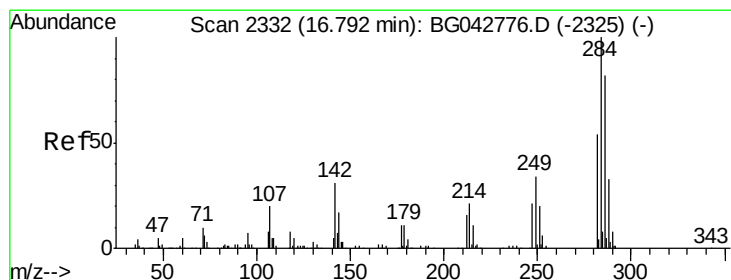
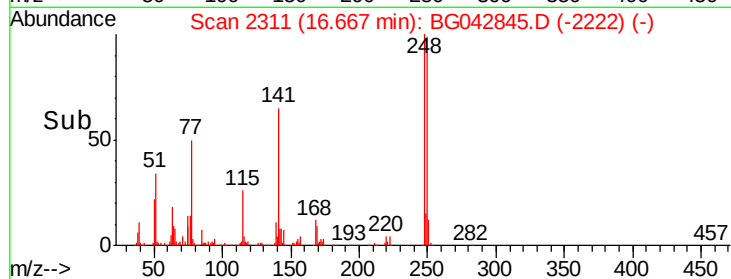
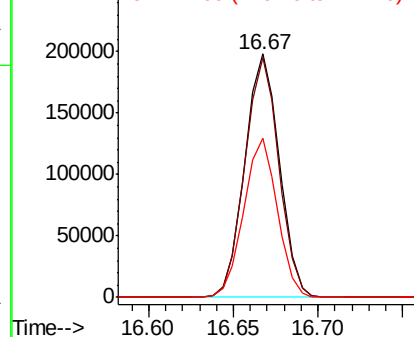


Abundance

Ion 248.00 (247.70 to 248.70): E

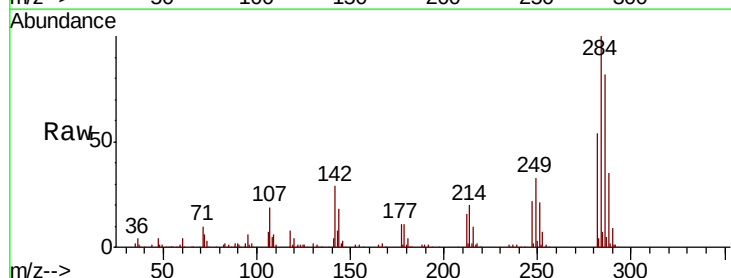
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.135 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	24.7	37.1
249	33.0	27.0	40.4

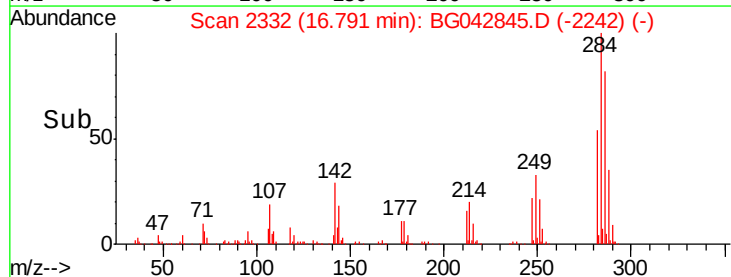
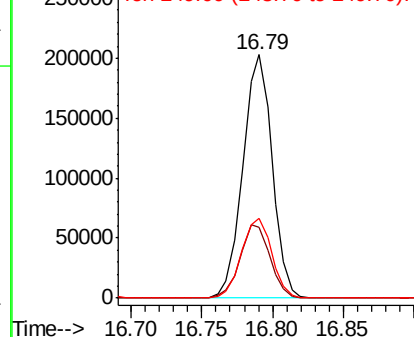


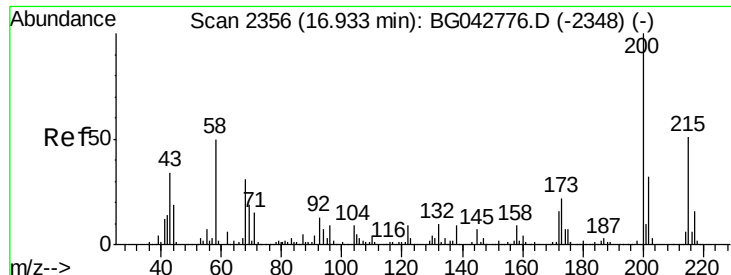
Abundance

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: 49.126 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

ClientSampleId :

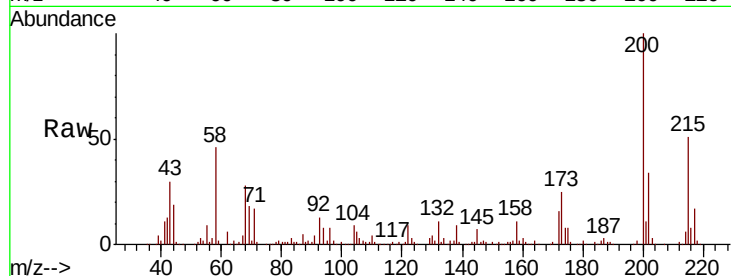
Tot Ion:200 Resp: 274188

Ion Ratio Lower Upper

200 100

173 25.5 2.5 42.5

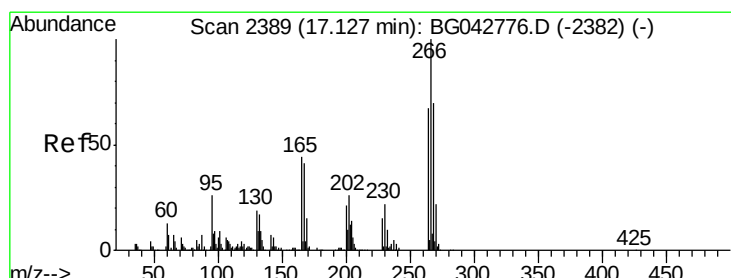
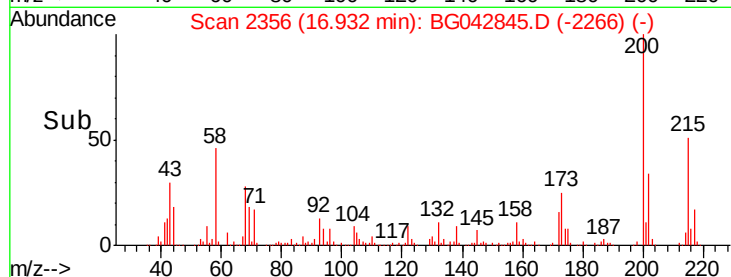
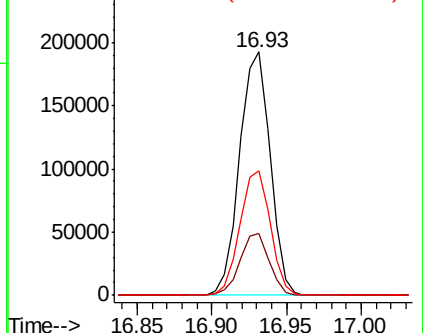
215 51.4 31.0 71.0



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: 93.986 ng

RT: 17.13 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

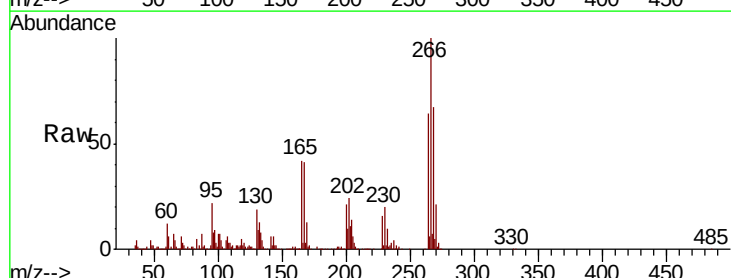
Tgt Ion:266 Resp: 429493

Ion Ratio Lower Upper

266 100

268 67.0 56.2 84.4

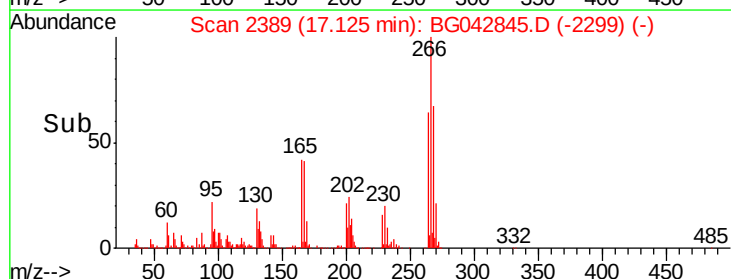
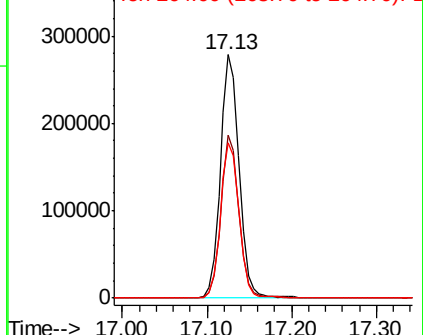
264 63.7 53.4 80.2

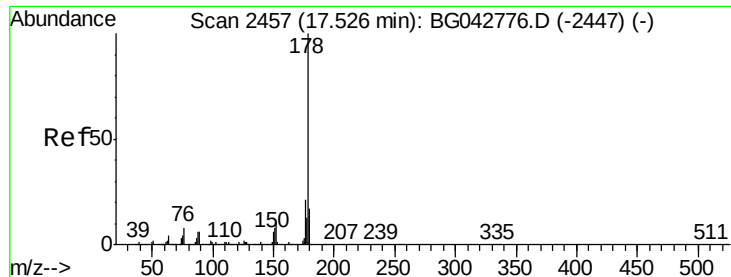


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

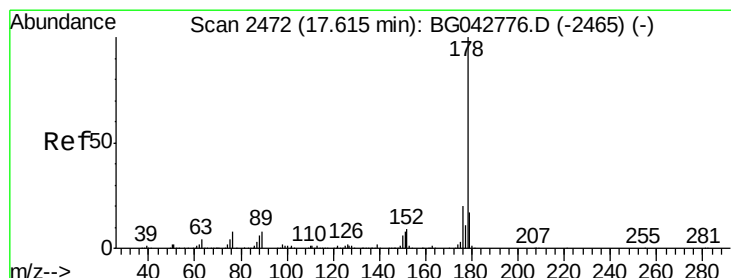
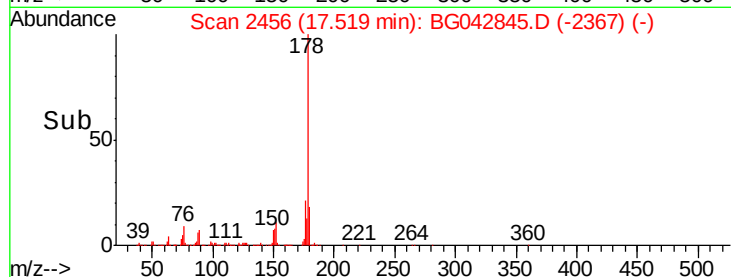
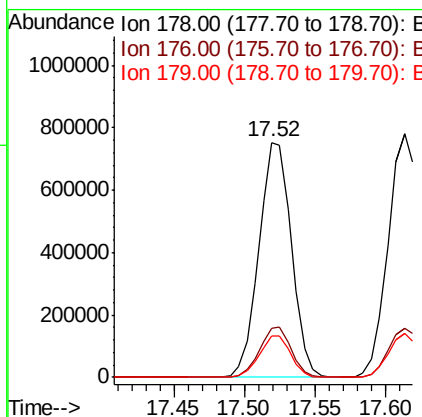
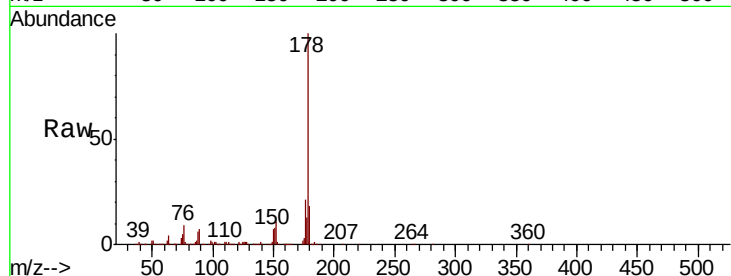




#71
Phenanthrene
Concen: 42.923 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

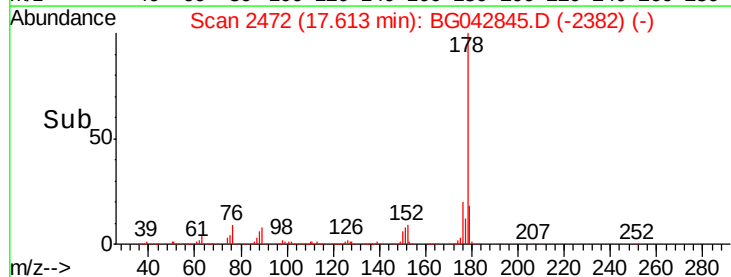
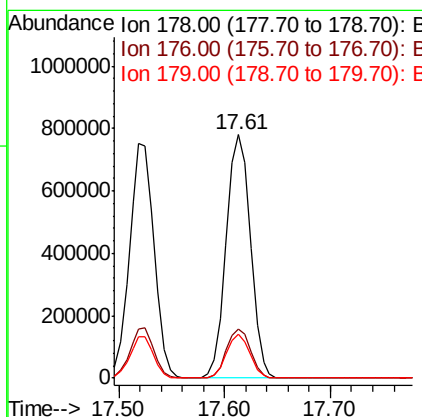
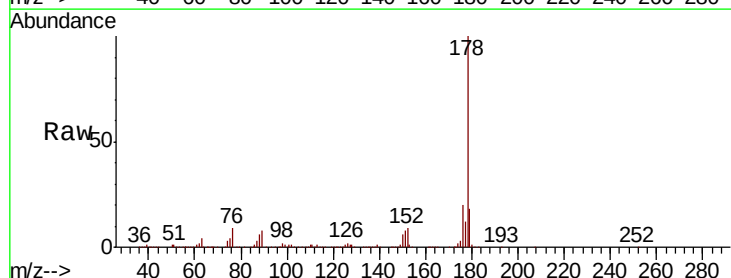
Instrument :
BNA_G
ClientSampleId :

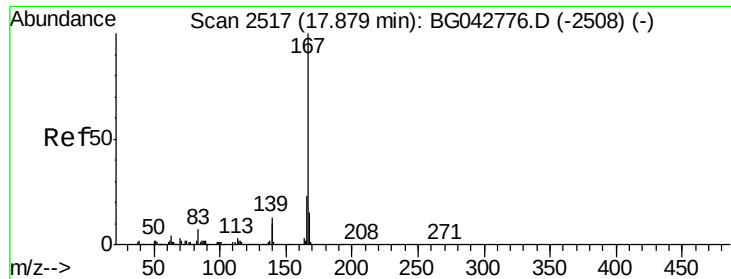
Tot Ion:178 Resp: 1222652
Ion Ratio Lower Upper
178 100
176 21.1 17.0 25.4
179 17.7 13.6 20.4



#72
Anthracene
Concen: 43.479 ng
RT: 17.61 min Scan# 2472
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion:178 Resp: 1237328
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 17.9 13.6 20.4

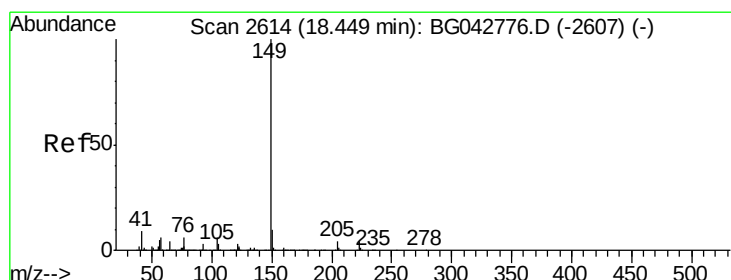
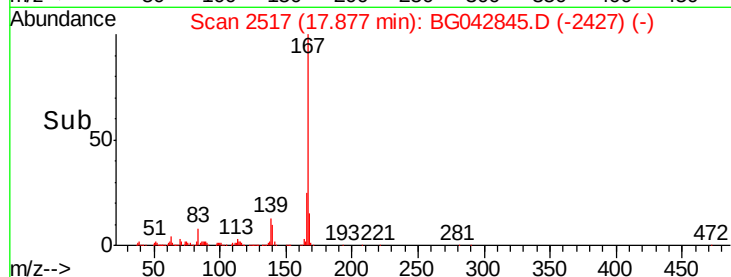
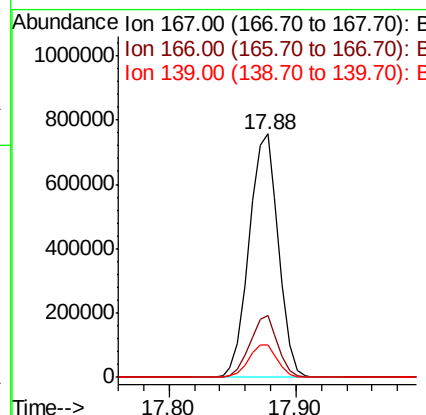
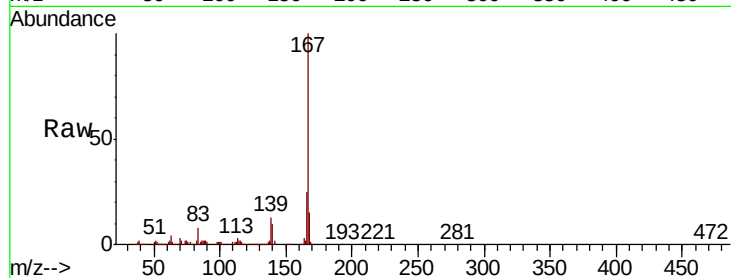




#73
 Carbazole
 Concen: 44.759 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

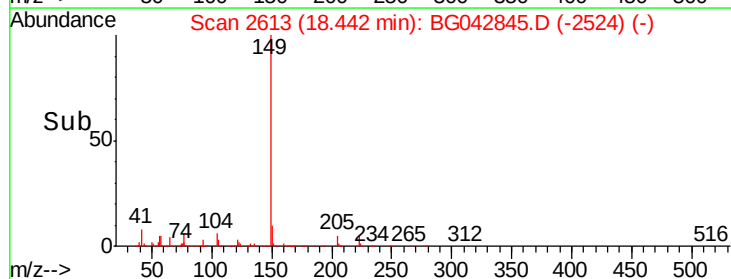
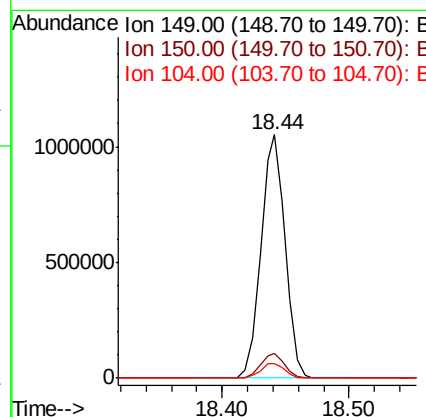
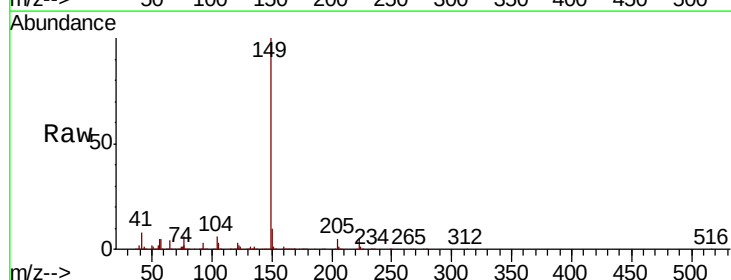
Instrument :
 BNA_G
 ClientSampleId :

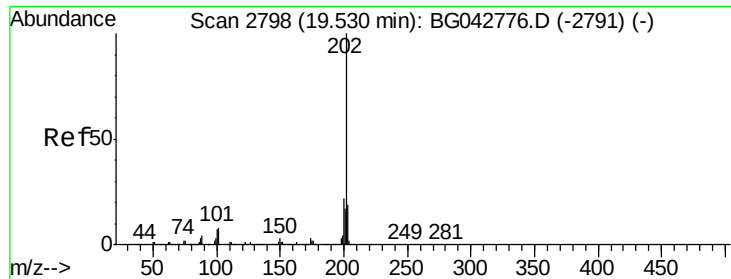
Tot Ion:167 Resp: 1210645
 Ion Ratio Lower Upper
 167 100
 166 25.3 18.3 27.5
 139 13.5 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 42.774 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Tgt Ion:149 Resp: 1385907
 Ion Ratio Lower Upper
 149 100
 150 10.2 8.0 12.0
 104 6.2 5.1 7.7





#75

Fluoranthene

Concen: 44.038 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

ClientSampleId :

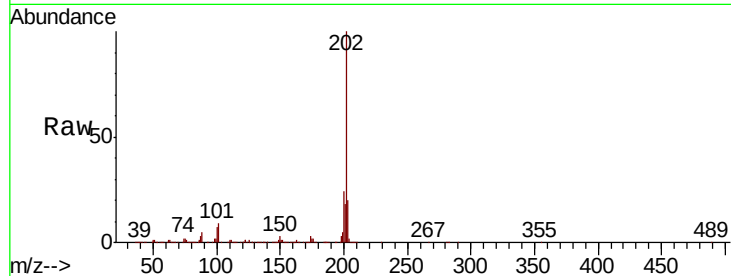
Tot Ion:202 Resp: 1625734

Ion Ratio Lower Upper

202 100

101 8.7 0.0 27.8

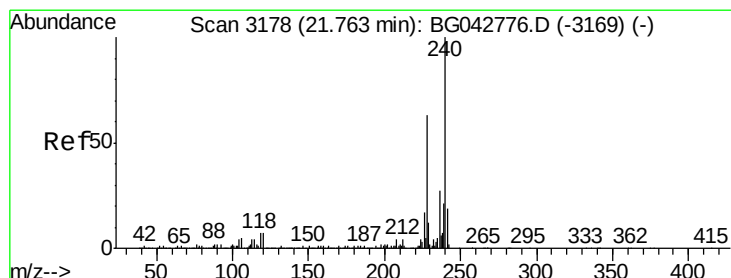
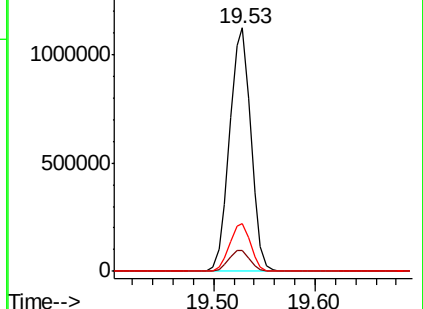
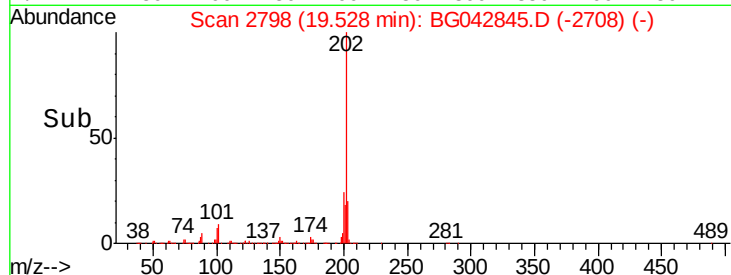
203 19.6 0.0 39.1



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: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

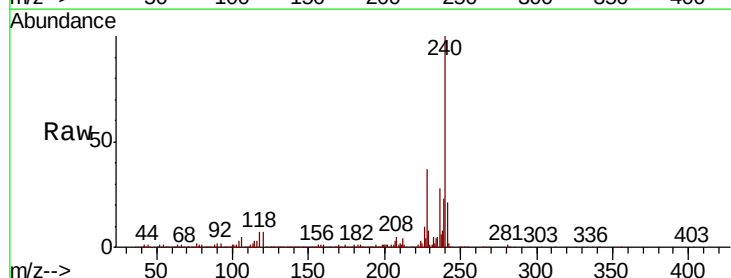
Tgt Ion:240 Resp: 612101

Ion Ratio Lower Upper

240 100

120 6.9 5.4 8.2

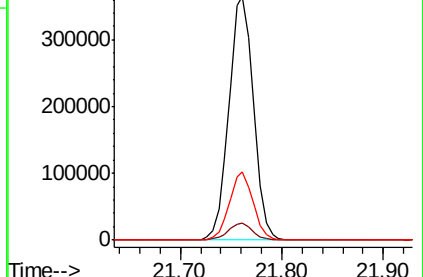
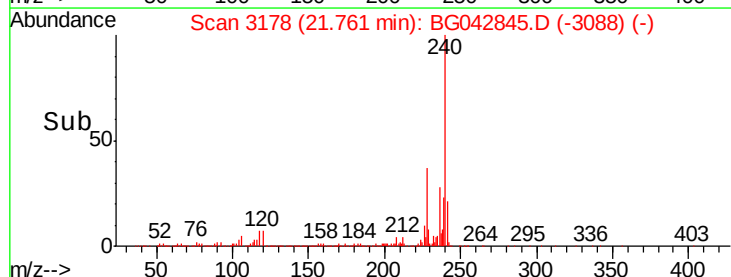
236 28.1 21.7 32.5

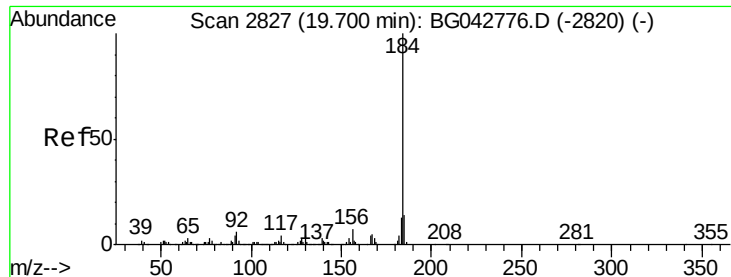


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.925 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

ClientSampled :

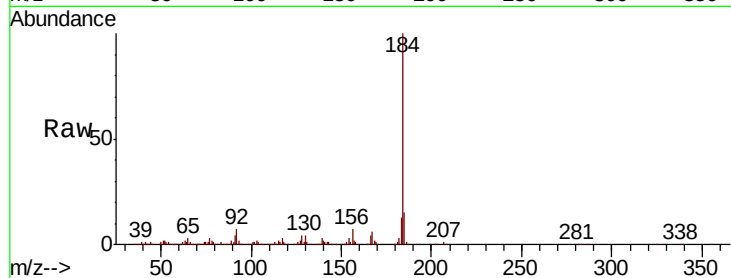
Tot Ion:184 Resp: 648574

Ion Ratio Lower Upper

184 100

185 15.4 11.6 17.4

183 12.7 10.4 15.6

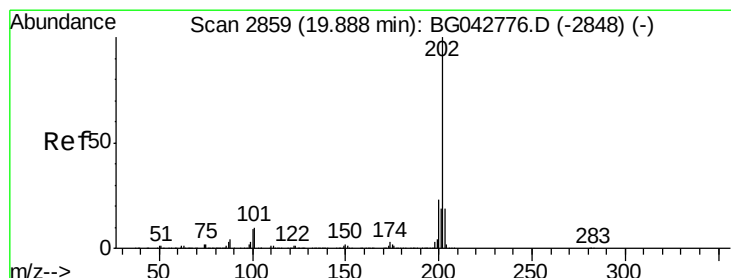
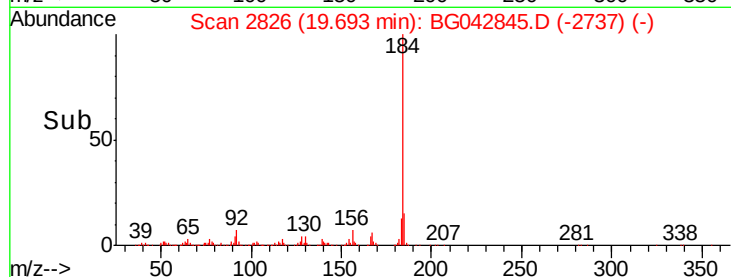
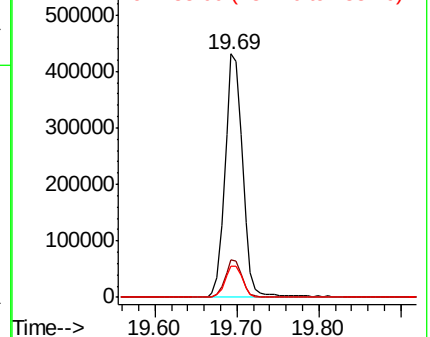


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.214 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

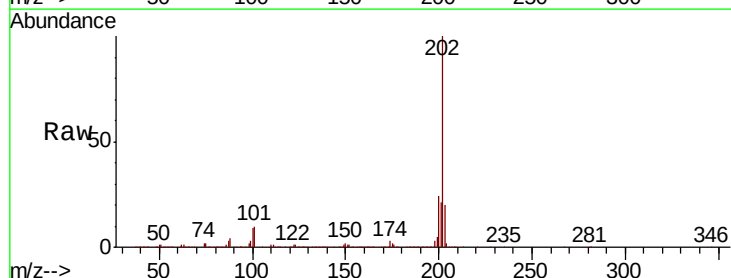
Tgt Ion:202 Resp: 1656039

Ion Ratio Lower Upper

202 100

200 23.8 18.5 27.7

203 20.4 15.3 22.9

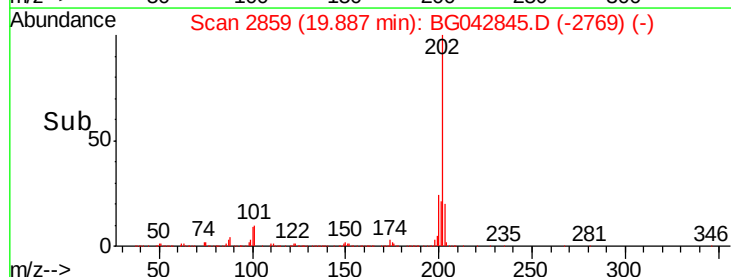
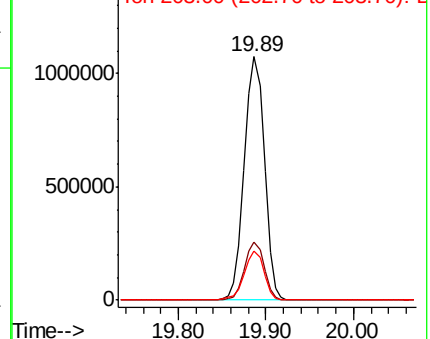


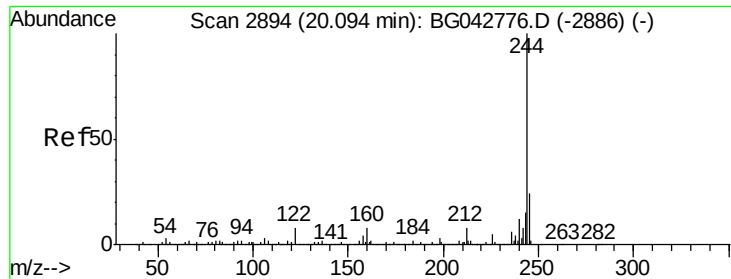
Abundance

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: 72.721 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

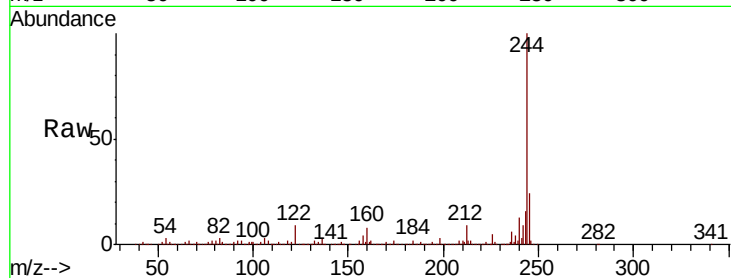
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2008435

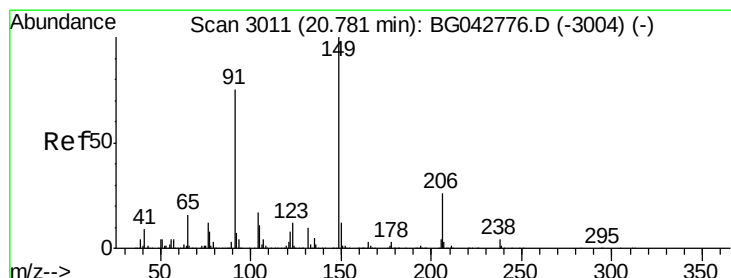
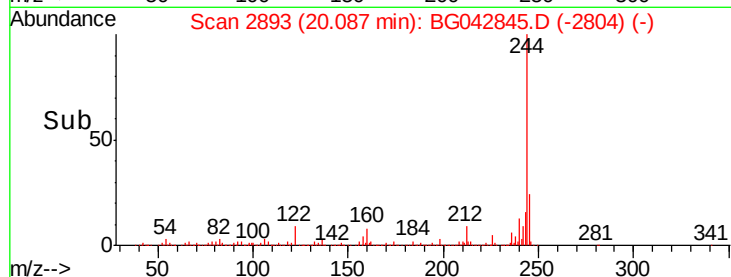
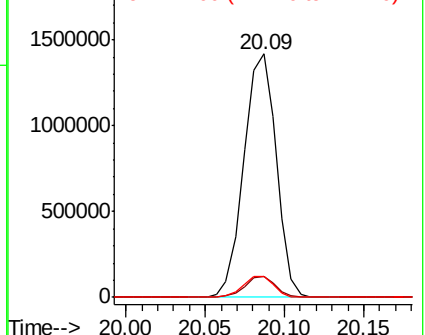
Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.6	10.0
122	8.8	6.2	9.4



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: 42.405 ng

RT: 20.77 min Scan# 3010

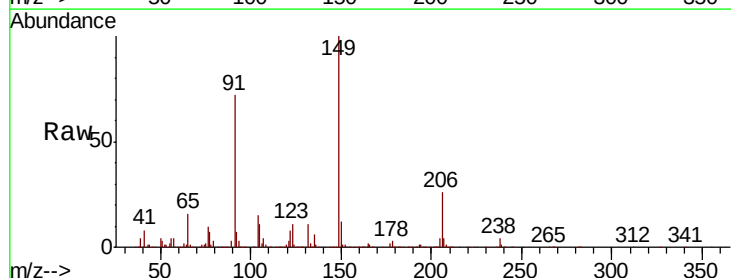
Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Tgt Ion:149 Resp: 657670

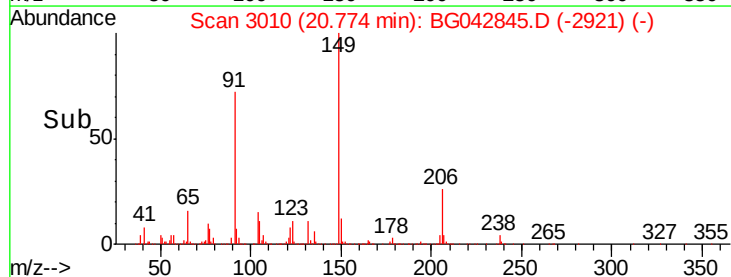
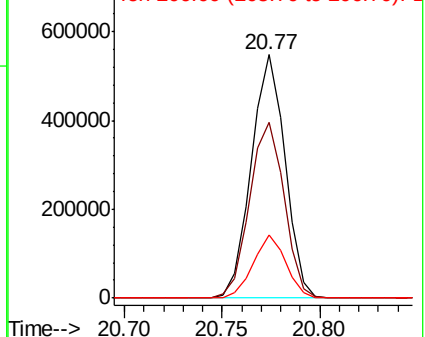
Ion	Ratio	Lower	Upper
149	100		
91	72.1	60.2	90.2
206	25.7	20.6	30.8

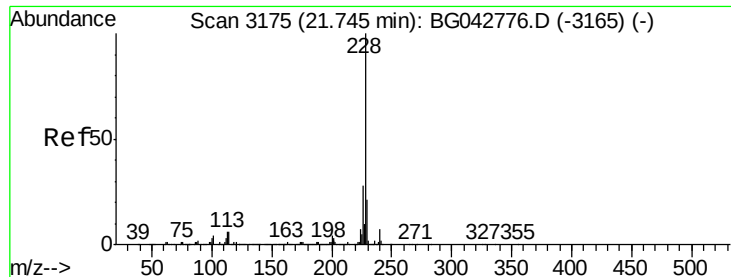


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.523 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

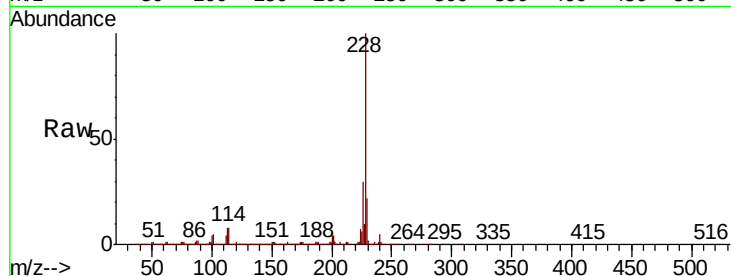
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1616008

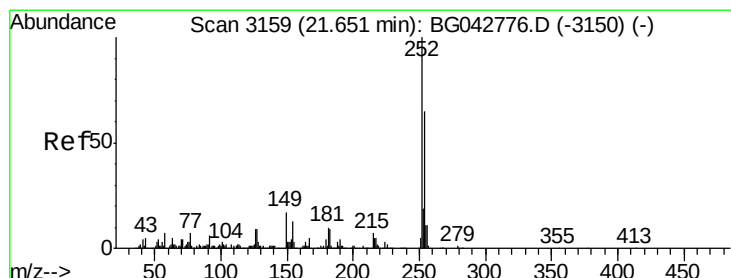
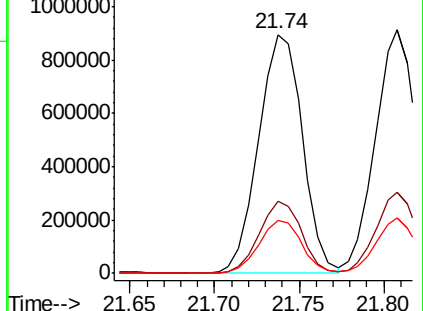
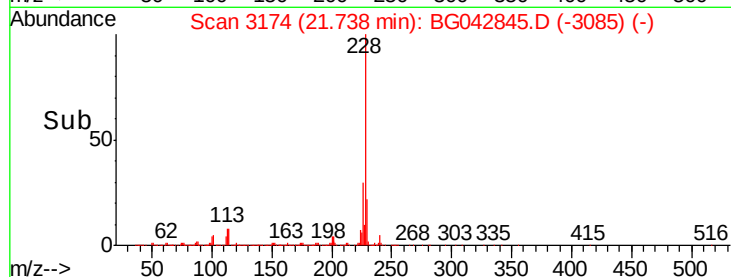
Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.5	33.7
229	22.4	17.2	25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.777 ng

RT: 21.65 min Scan# 3159

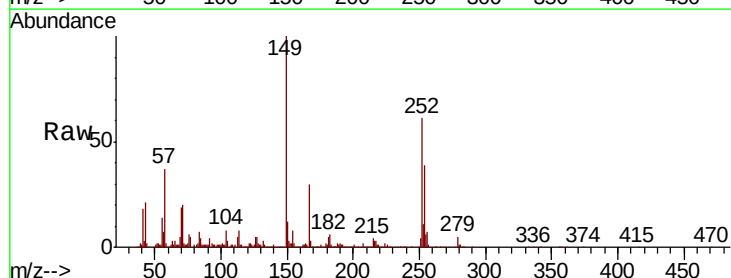
Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Tgt Ion:252 Resp: 510851

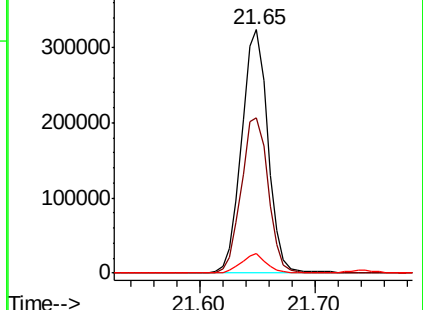
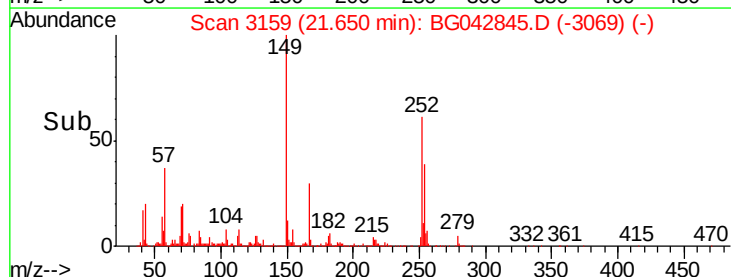
Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.2	78.2
126	7.8	7.0	10.4

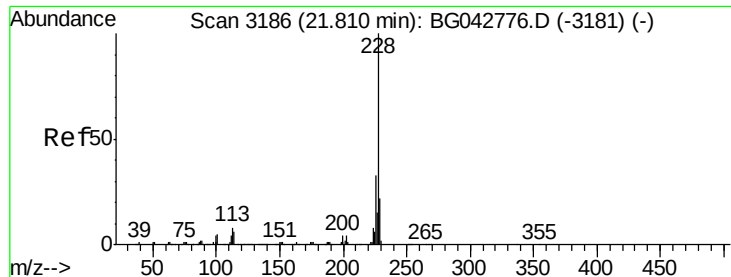


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.122 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

ClientSampleId :

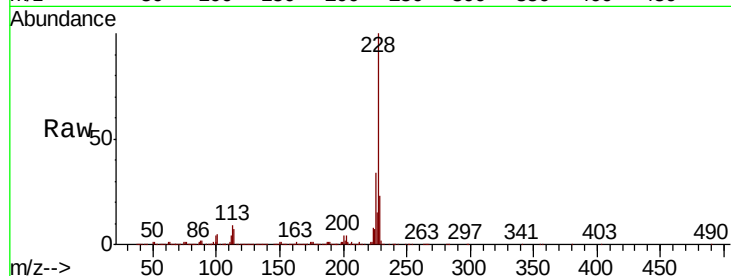
Tot Ion:228 Resp: 1552791

Ion Ratio Lower Upper

228 100

226 33.5 26.0 39.0

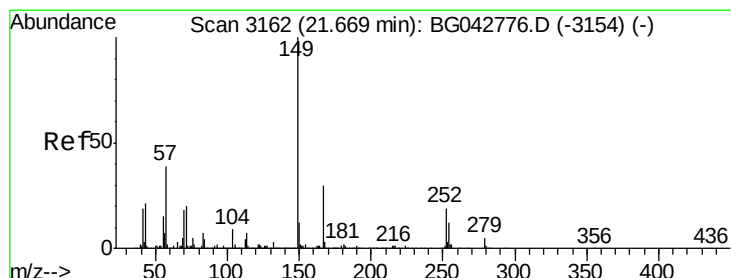
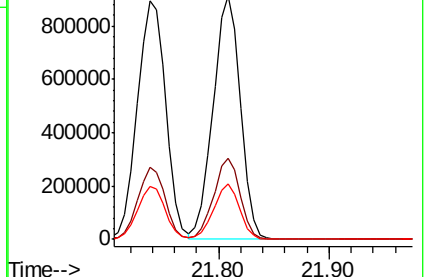
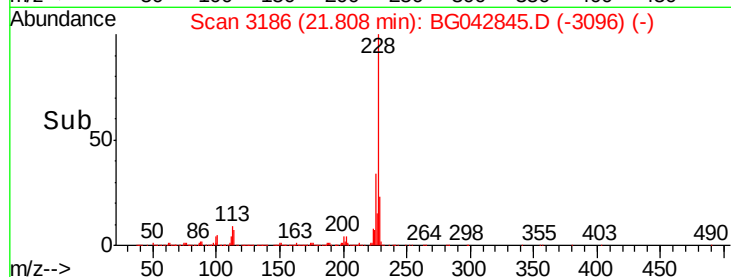
229 22.7 17.1 25.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.273 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

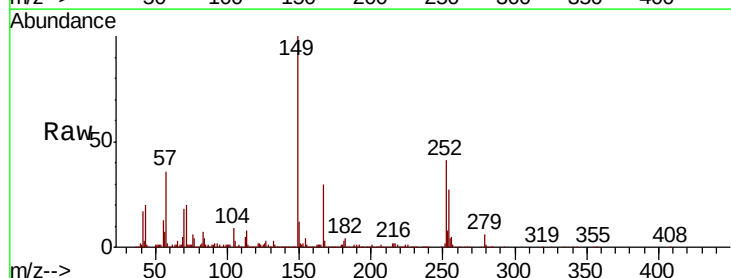
Tgt Ion:149 Resp: 895806

Ion Ratio Lower Upper

149 100

167 30.1 24.3 36.5

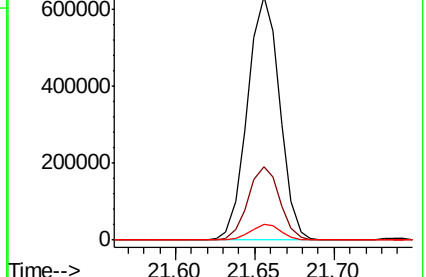
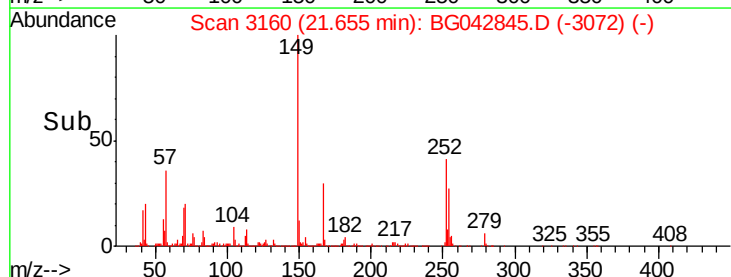
279 6.4 4.2 6.4#

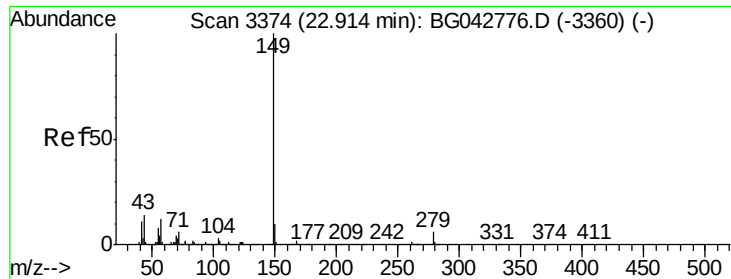


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.159 ng

RT: 22.90 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

ClientSampleId :

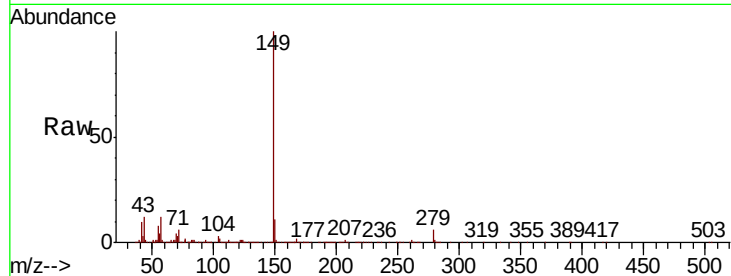
Tot Ion:149 Resp: 1523022

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

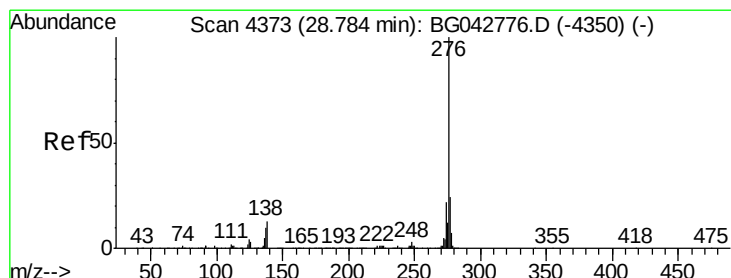
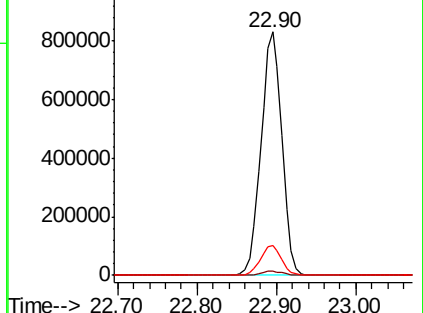
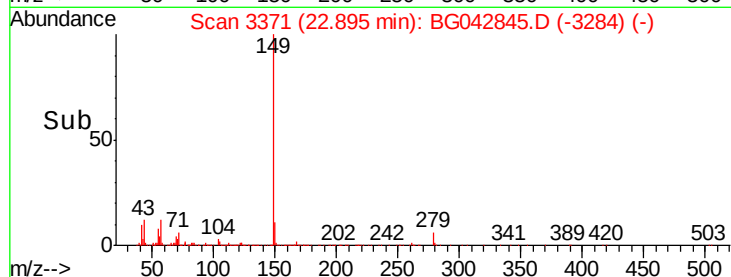
43 12.1 10.6 15.8



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: 41.435 ng

RT: 28.77 min Scan# 4371

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

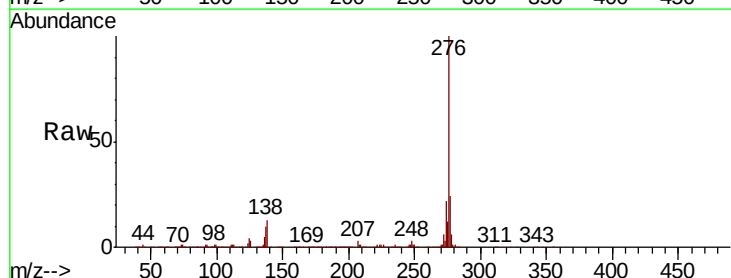
Tgt Ion:276 Resp: 1891595

Ion Ratio Lower Upper

276 100

138 12.6 9.3 13.9

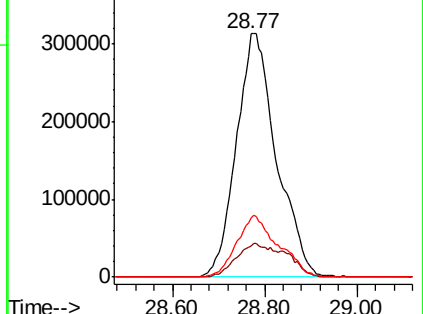
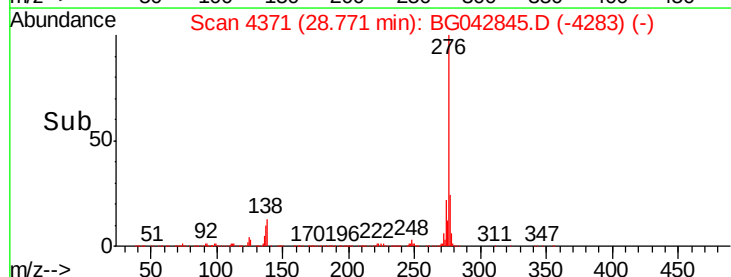
277 26.2 17.2 25.8#

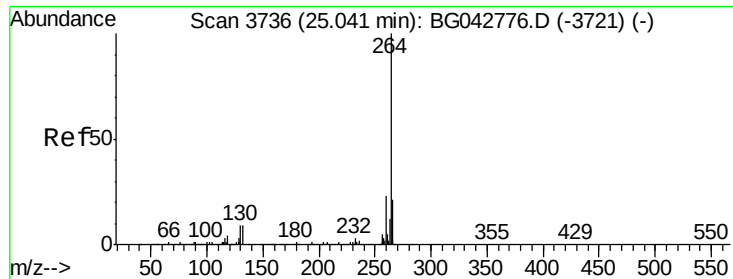


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



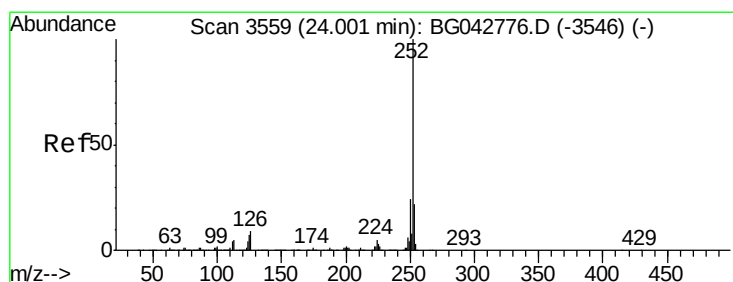
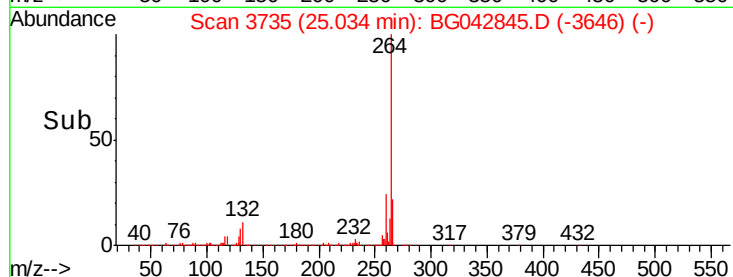
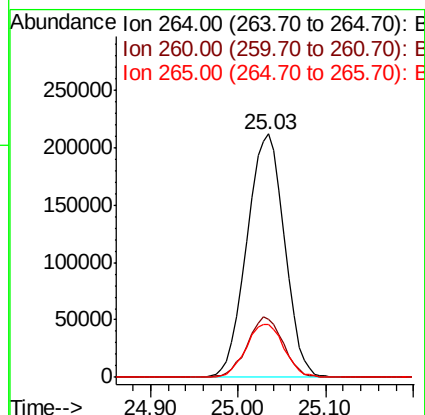
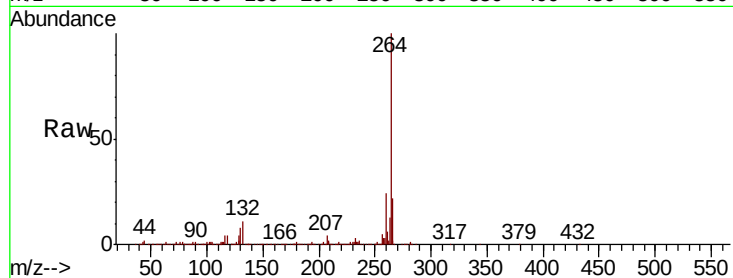


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 620152

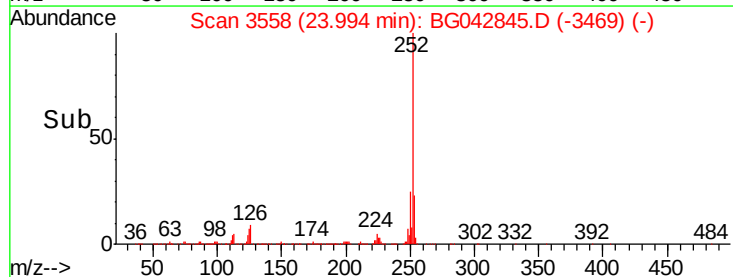
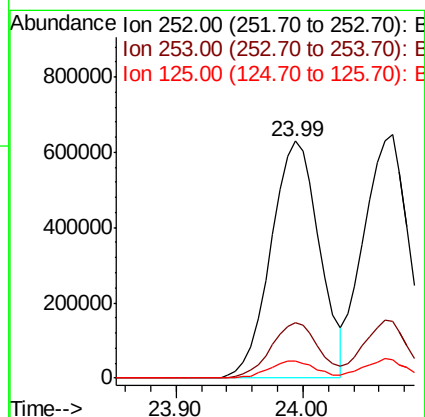
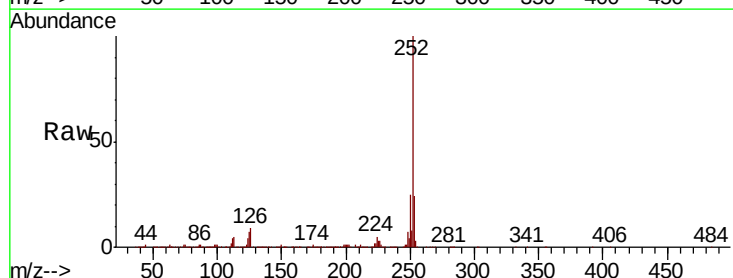
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	21.8	16.9	25.3

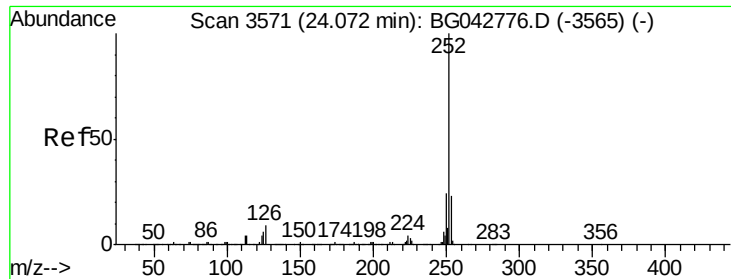


#88
Benzo(b)fluoranthene
Concen: 45.947 ng
RT: 23.99 min Scan# 3558
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion:252 Resp: 1673125

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	7.4	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 46.261 ng

RT: 24.07 min Scan# 3571

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

ClientSampleId :

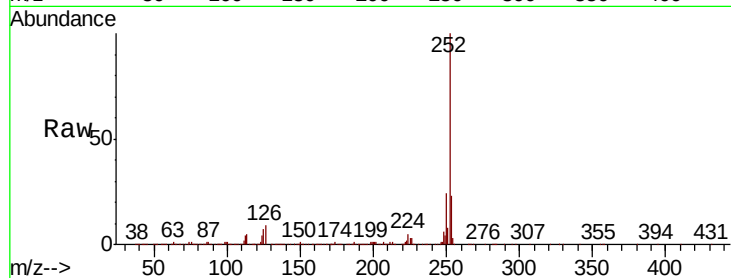
Tot Ion:252 Resp: 1591274

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.4

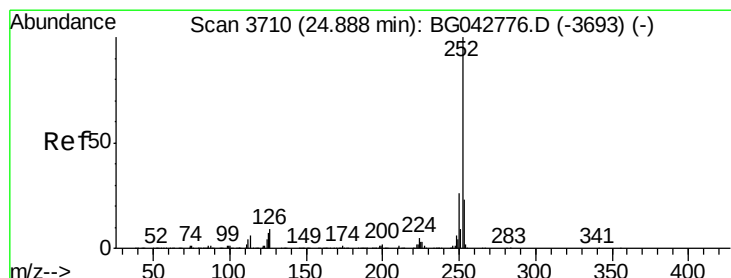
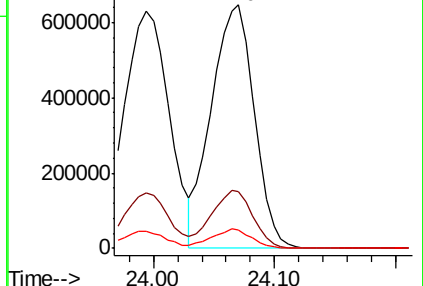
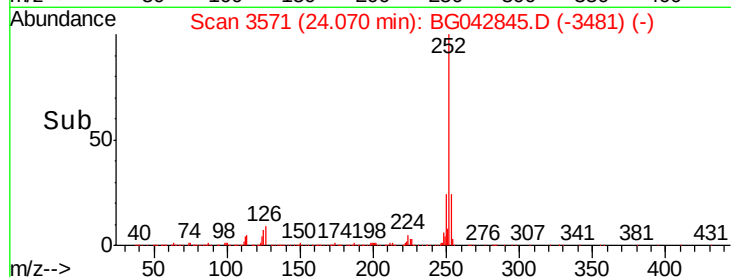
125 7.3 5.3 7.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.621 ng

RT: 24.88 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

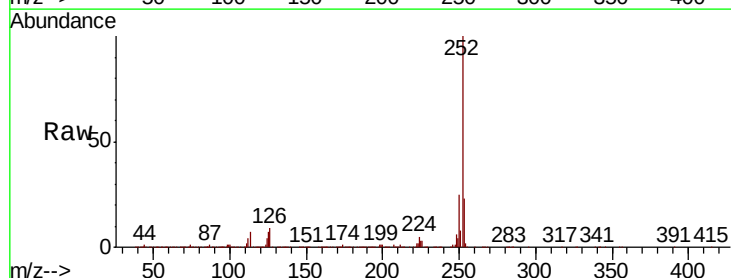
Tgt Ion:252 Resp: 1623731

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

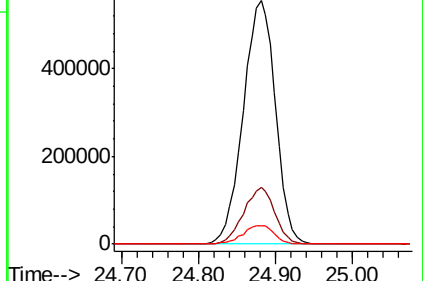
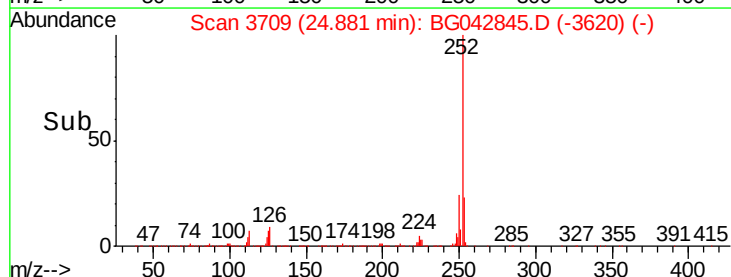
125 7.5 5.7 8.5

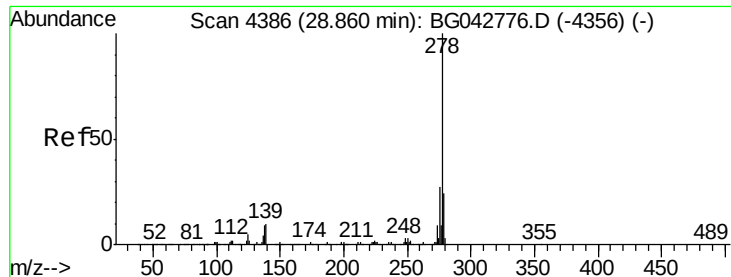


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.886 ng

RT: 28.85 min Scan# 4384

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

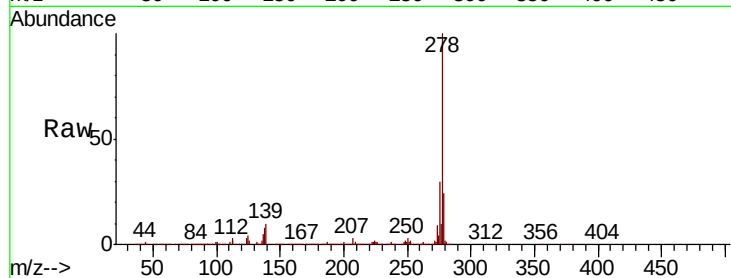
Instrument :

BNA_G

ClientSampled :

Tot Ion:278 Resp: 1572357

Ion	Ratio	Lower	Upper
278	100		
139	10.4	8.2	12.2
279	24.2	19.4	29.2

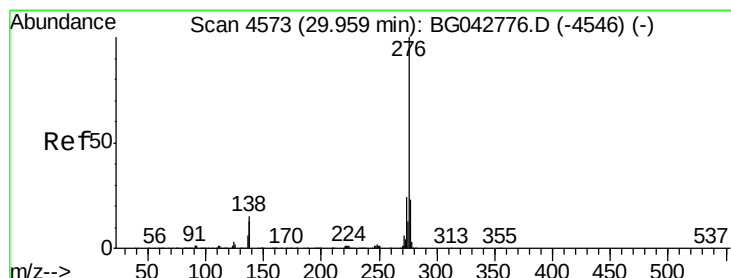
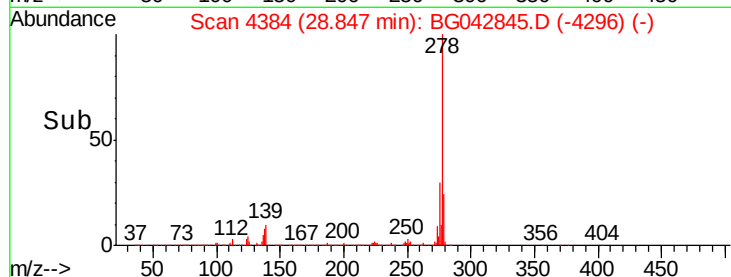
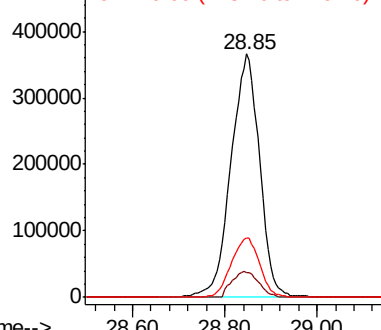


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.145 ng

RT: 29.95 min Scan# 4571

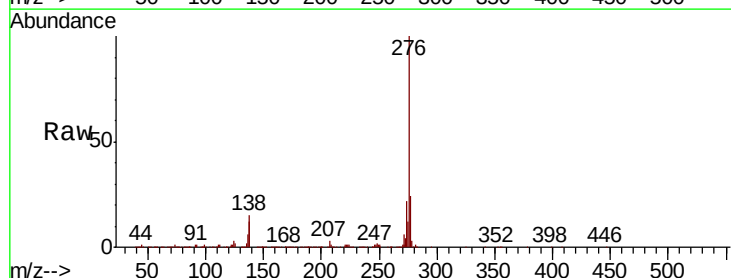
Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Tgt Ion:276 Resp: 1574866

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.4	27.6
138	15.0	11.8	17.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

