

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042859.D
 Acq On : 16 Sep 2019 21:45
 Operator : HP/JU
 Sample : K4851-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 01:21:46 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	107046	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	416793	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	284571	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	655785	20.00	ng	0.00
76) Chrysene-d12	21.76	240	629926	20.00	ng	0.00
87) Perylene-d12	25.03	264	696009	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	580321	94.25	ng	0.00
7) Phenol-d6	7.27	99	887629	100.44	ng	0.00
23) Nitrobenzene-d5	9.28	82	553160	69.10	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	341648	90.24	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1152940	64.13	ng	0.00
79) Terphenyl-d14	20.08	244	1766044	62.14	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	82896	29.500	ng	98
3) Pyridine	3.98	79	219325	25.923	ng	96
4) n-Nitrosodimethylamine	3.89	42	127515	30.974	ng	# 90
6) Aniline	7.44	93	216218	18.134	ng	99
8) 2-Chlorophenol	7.68	128	250302	37.608	ng	99
9) Benzaldehyde	7.25	77	178678	31.069	ng	94
10) Phenol	7.30	94	376191	41.507	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	240875	34.630	ng	95
12) 1,3-Dichlorobenzene	8.01	146	271251	33.414	ng	98
13) 1,4-Dichlorobenzene	8.15	146	280707	34.539	ng	97
14) 1,2-Dichlorobenzene	8.48	146	258991	33.477	ng	98
15) Benzyl Alcohol	8.35	79	264973	34.937	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.64	45	472851	30.956	ng	96
17) 2-Methylphenol	8.55	107	222741	36.735	ng	97
18) Hexachloroethane	9.21	117	100905	33.629	ng	98
19) n-Nitroso-di-n-propylamine	8.92	70	219449	33.699	ng	90
20) 3+4-Methylphenols	8.88	107	307188	36.752	ng	97
22) Acetophenone	8.94	105	380966	36.192	ng	97
24) Nitrobenzene	9.32	77	313184	37.270	ng	96
25) Isophorone	9.84	82	583364	34.959	ng	100
26) 2-Nitrophenol	10.03	139	137225	41.529	ng	97
27) 2,4-Dimethylphenol	10.09	122	236251	40.419	ng	94
28) bis(2-Chloroethoxy)methane	10.32	93	330228	35.486	ng	98
29) 2,4-Dichlorophenol	10.57	162	260921	38.414	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	291532	35.155	ng	95
31) Naphthalene	10.97	128	755695	36.723	ng	99
32) Benzoic acid	10.21	122	171480	37.729	ng	99
33) 4-Chloroaniline	11.07	127	141509	14.712	ng	97
34) Hexachlorobutadiene	11.27	225	196057	33.743	ng	95
35) Caprolactam	11.84	113	64109	25.381	ng	90
36) 4-Chloro-3-methylphenol	12.18	107	290304	39.363	ng	95
37) 2-Methylnaphthalene	12.57	142	571715	37.088	ng	96
38) 1-Methylnaphthalene	12.79	142	535518	37.040	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	348351	37.045	ng	98

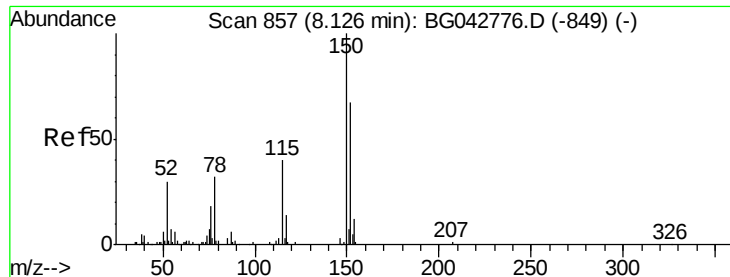
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	313622	58.218	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	245880	39.275	ng	94
44) 2,4,5-Trichlorophenol	13.24	196	259426	40.456	ng	96
46) 1,1'-Biphenyl	13.57	154	757944	38.046	ng	99
47) 2-Chloronaphthalene	13.62	162	596567	36.200	ng	98
48) 2-Nitroaniline	13.81	65	216461	37.864	ng	96
49) Acenaphthylene	14.46	152	954284	37.893	ng	99
50) Dimethylphthalate	14.19	163	887593	41.636	ng	100
51) 2,6-Dinitrotoluene	14.30	165	171540	39.216	ng	95
52) Acenaphthene	14.80	154	629482	38.260	ng	99
53) 3-Nitroaniline	14.62	138	116011	23.631	ng	99
54) 2,4-Dinitrophenol	14.83	184	119126	55.321	ng	# 78
55) Dibenzofuran	15.13	168	910340	37.225	ng	99
56) 4-Nitrophenol	14.93	139	301335	79.386	ng	96
57) 2,4-Dinitrotoluene	15.08	165	236640	40.587	ng	# 97
58) Fluorene	15.78	166	747856	36.900	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	246535	39.660	ng	99
60) Diethylphthalate	15.55	149	744409	34.401	ng	97
61) 4-Chlorophenyl-phenylether	15.77	204	426382	35.581	ng	97
62) 4-Nitroaniline	15.79	138	180354	34.082	ng	94
63) Azobenzene	16.06	77	755919	36.276	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	103425	36.859	ng	97
66) n-Nitrosodiphenylamine	15.99	169	673831	38.185	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	289634	36.490	ng	97
68) Hexachlorobenzene	16.79	284	299950	35.366	ng	98
69) Atrazine	16.93	200	258231	42.022	ng	99
70) Pentachlorophenol	17.13	266	397884	79.080	ng	96
71) Phenanthrene	17.52	178	1169002	37.274	ng	99
72) Anthracene	17.61	178	1182366	37.736	ng	99
73) Carbazole	17.87	167	1109576	37.259	ng	98
74) Di-n-butylphthalate	18.44	149	1268137	35.548	ng	99
75) Fluoranthene	19.52	202	1479944	36.410	ng	98
77) Benzdine	19.69	184	547855	31.129	ng	99
78) Pyrene	19.89	202	1482580	37.593	ng	99
80) Butylbenzylphthalate	20.77	149	588781	36.889	ng	98
81) Benzo(a)anthracene	21.74	228	1453781	36.298	ng	96
82) 3,3'-Dichlorobenzidine	21.65	252	388857	24.983	ng	99
83) Chrysene	21.81	228	1394765	36.764	ng	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	808978	37.095	ng	# 99
85) Di-n-octyl phthalate	22.89	149	1393708	37.488	ng	98
86) Indeno(1,2,3-cd)pyrene	28.78	276	1753641	37.326	ng	# 93
88) Benzo(b)fluoranthene	23.99	252	1529250	37.419	ng	100
89) Benzo(k)fluoranthene	24.07	252	1445625	37.447	ng	99
90) Benzo(a)pyrene	24.88	252	1478184	38.628	ng	98
91) Dibenzo(a,h)anthracene	28.84	278	1456357	38.694	ng	100
92) Benzo(g,h,i)perylene	29.94	276	1431822	39.002	ng	98

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

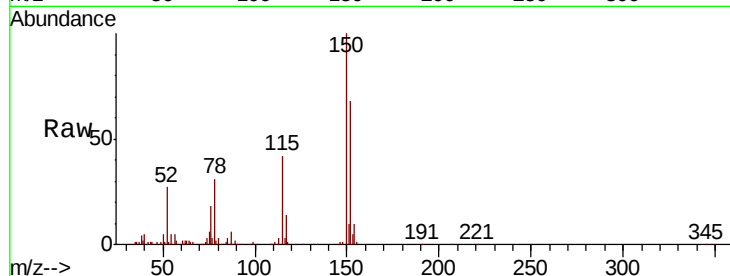


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	118.9	178.3
115	62.0	47.4	71.2

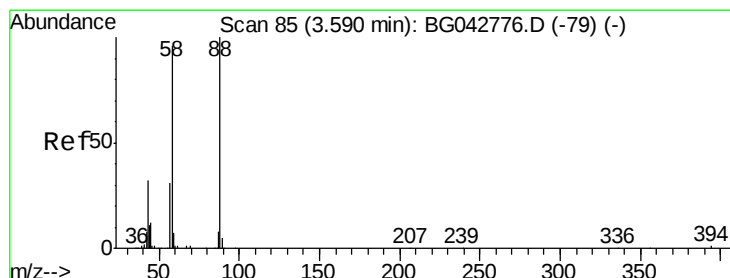
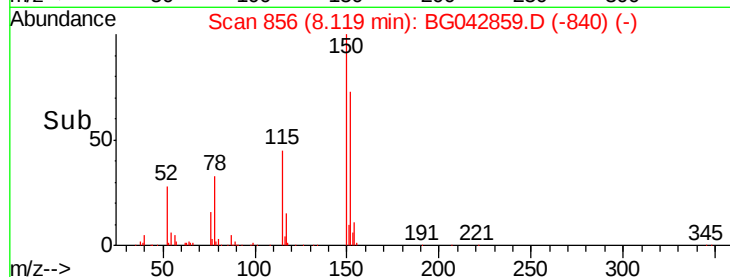
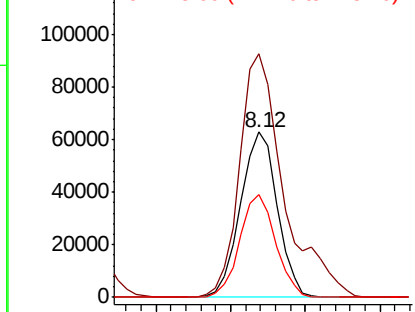


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

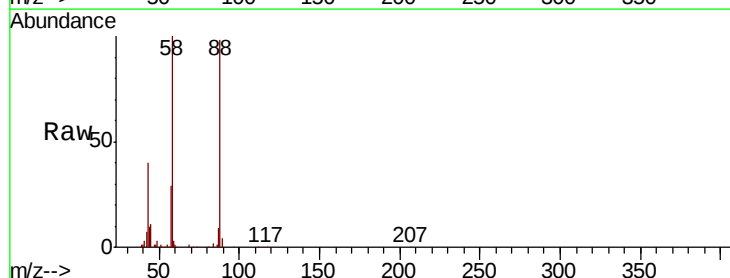
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 29.500 ng
 RT: 3.58 min Scan# 84
 Delta R.T. -0.01 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.7	79.1	118.7
43	36.7	30.4	45.6

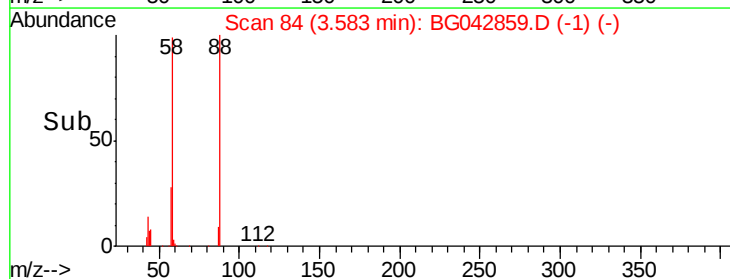
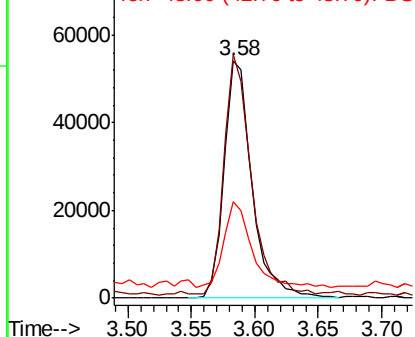


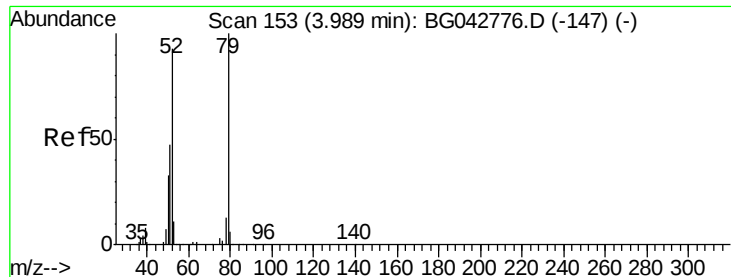
Abundance

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: 25.923 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampleId :

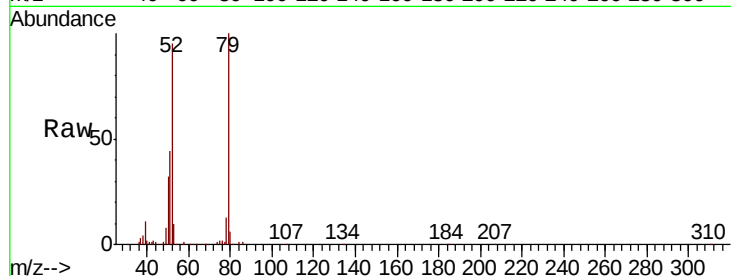
Tot Ion: 79 Resp: 219325

Ion Ratio Lower Upper

79 100

52 95.4 74.0 111.0

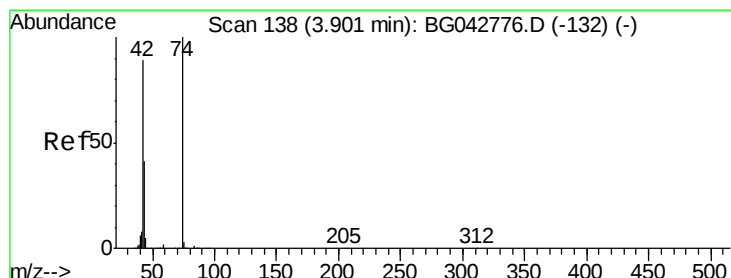
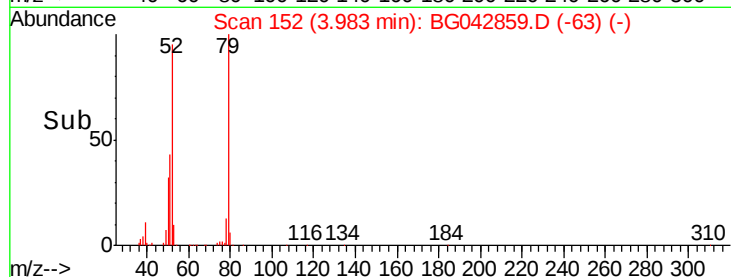
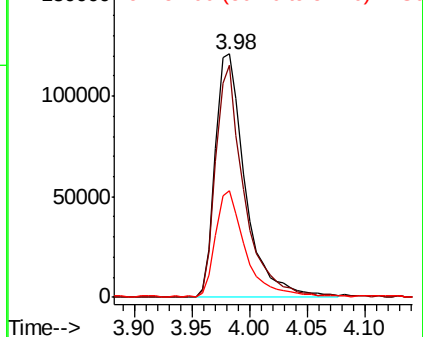
51 43.6 37.5 56.3



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: 30.974 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

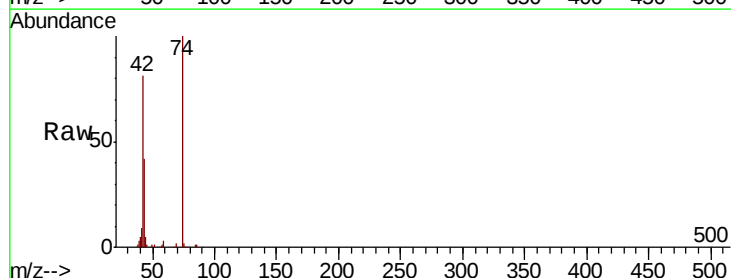
Tgt Ion: 42 Resp: 127515

Ion Ratio Lower Upper

42 100

74 123.8 90.2 135.2

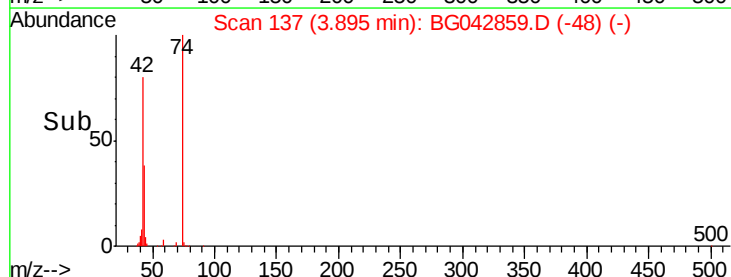
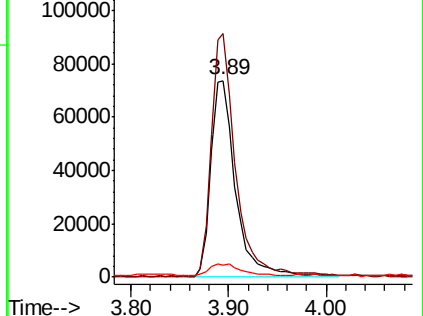
44 5.8 6.6 9.8#

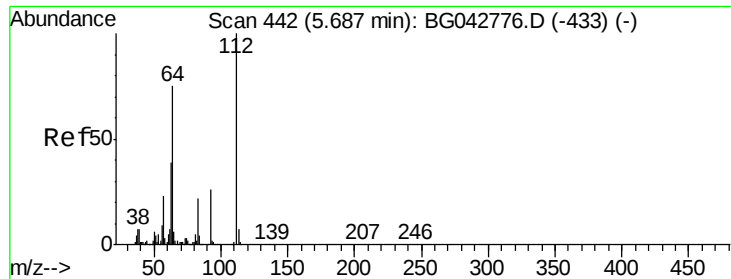


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 94.251 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampleId :

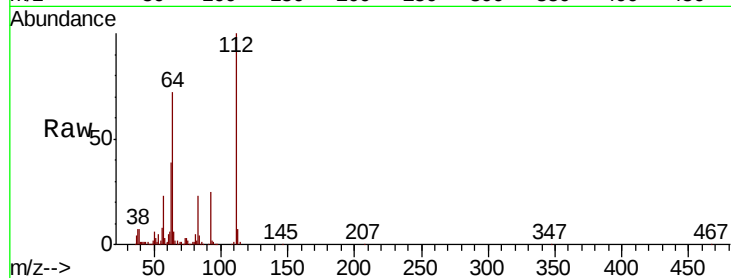
Tot Ion:112 Resp: 580321

Ion Ratio Lower Upper

112 100

64 72.3 60.2 90.2

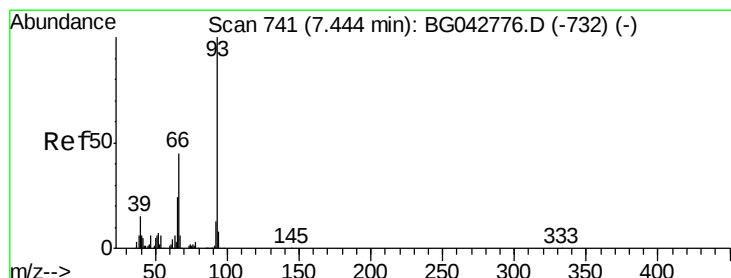
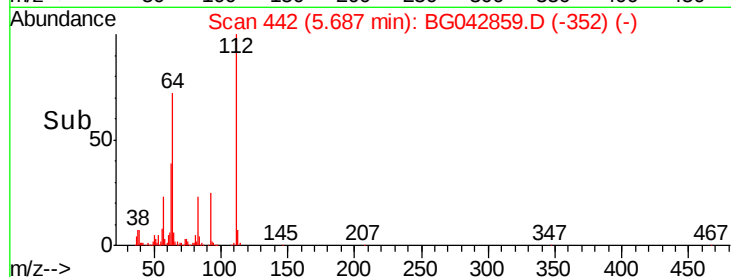
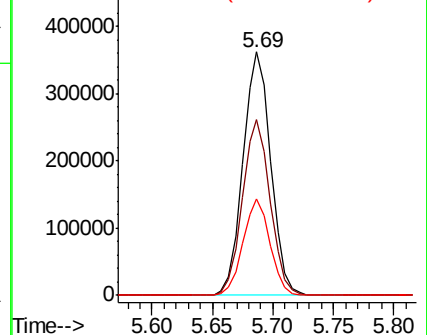
63 39.4 31.2 46.8



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: 18.134 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

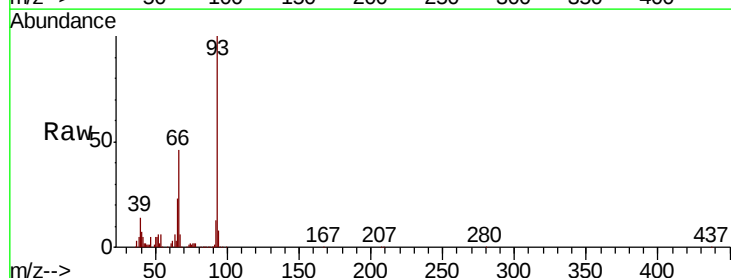
Tgt Ion: 93 Resp: 216218

Ion Ratio Lower Upper

93 100

66 45.7 36.3 54.5

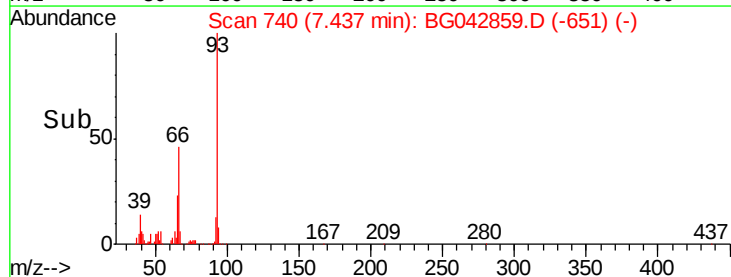
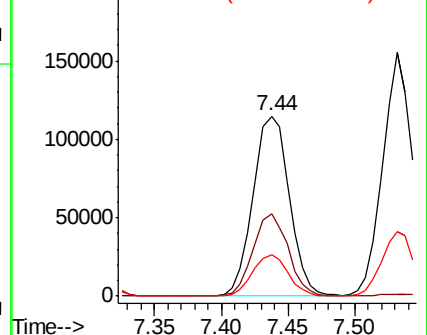
65 23.3 19.3 28.9

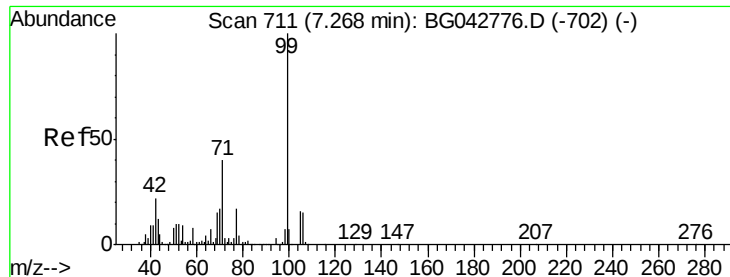


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 100.437 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampleId :

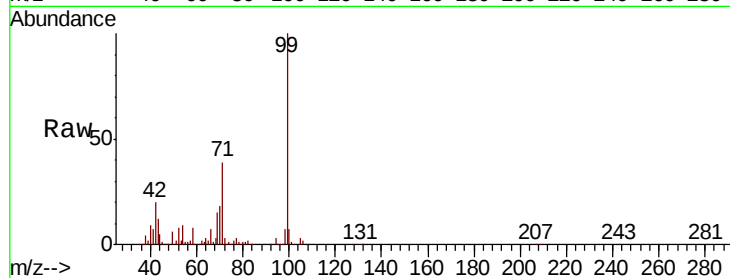
Tot Ion: 99 Resp: 887629

Ion Ratio Lower Upper

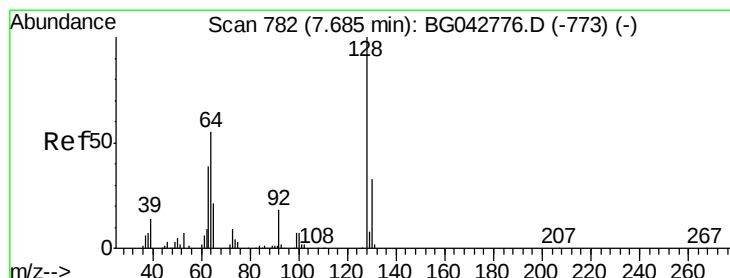
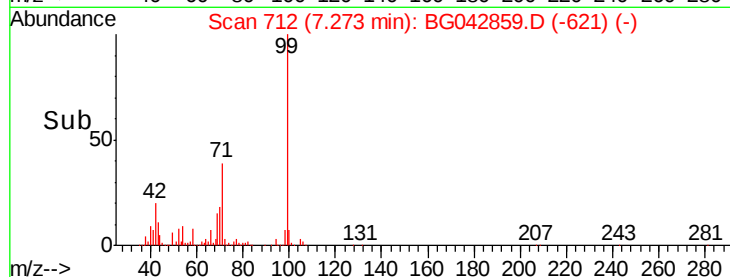
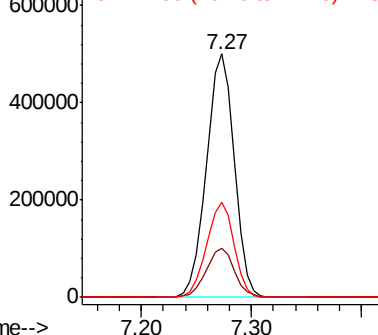
99 100

42 20.0 17.5 26.3

71 39.0 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: 37.608 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

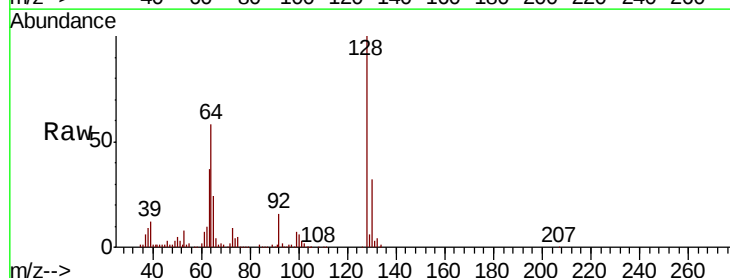
Tgt Ion: 128 Resp: 250302

Ion Ratio Lower Upper

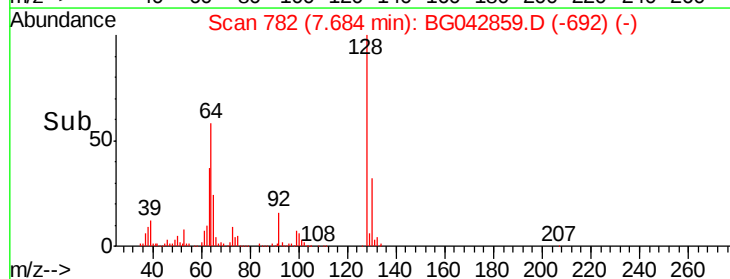
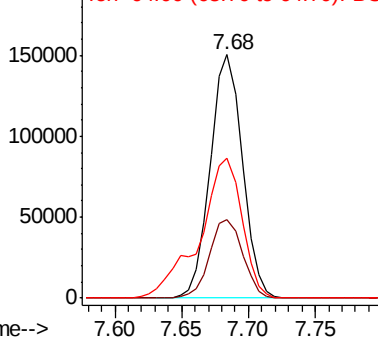
128 100

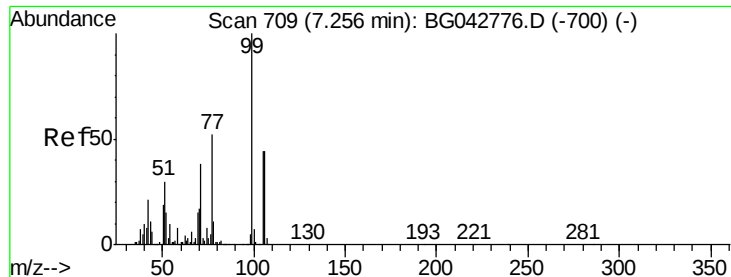
130 32.1 12.8 52.8

64 57.7 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: 31.069 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampleId :

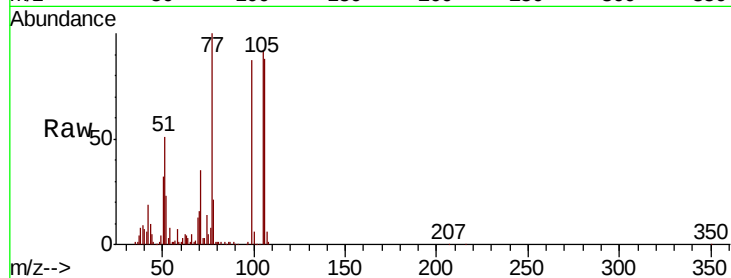
Tot Ion: 77 Resp: 178678

Ion Ratio Lower Upper

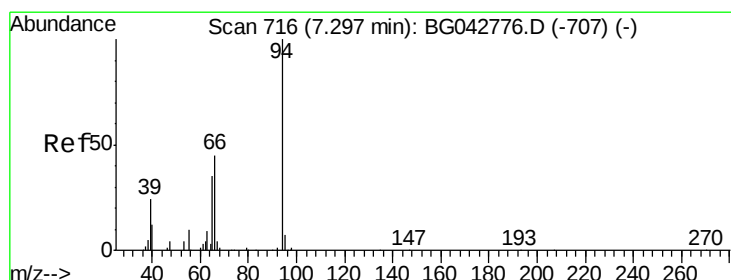
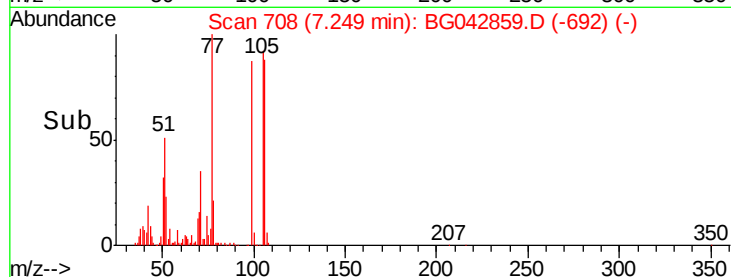
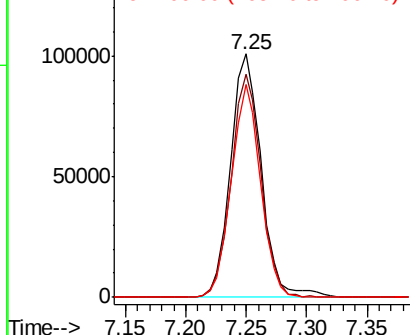
77 100

105 91.6 64.5 104.5

106 87.6 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: 41.507 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

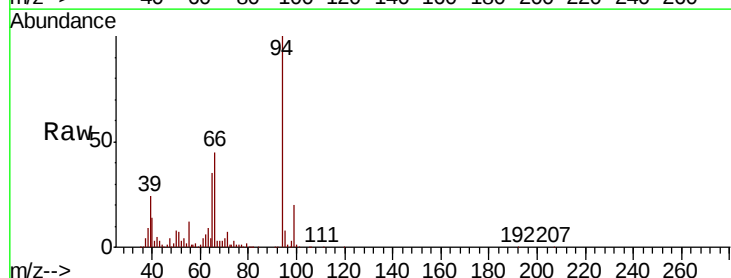
Tgt Ion: 94 Resp: 376191

Ion Ratio Lower Upper

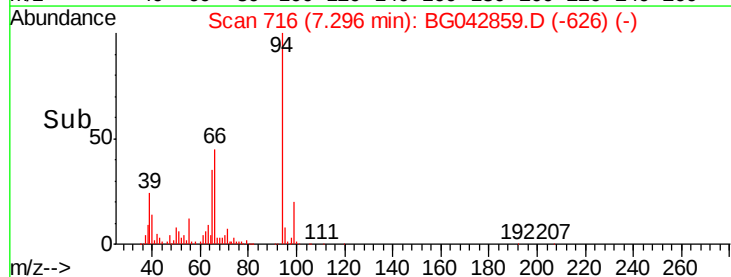
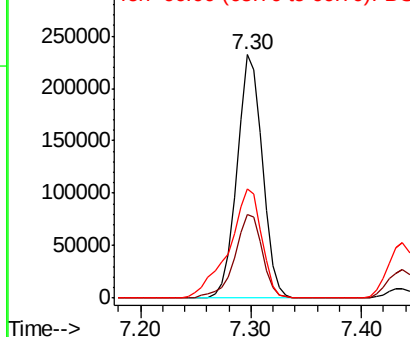
94 100

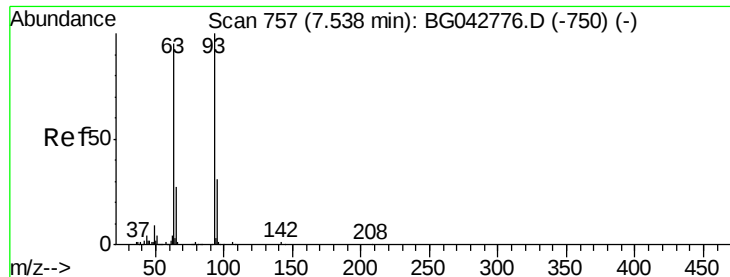
65 34.5 15.0 55.0

66 44.6 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: 34.630 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampleId :

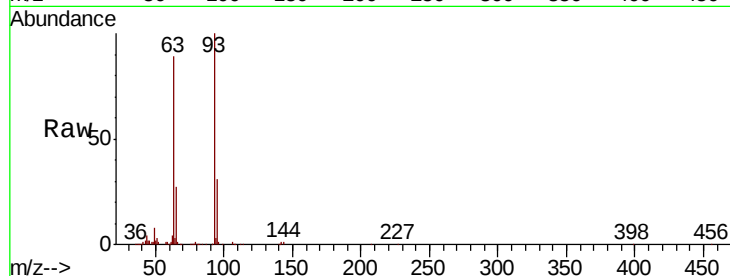
Tot Ion: 93 Resp: 240875

Ion Ratio Lower Upper

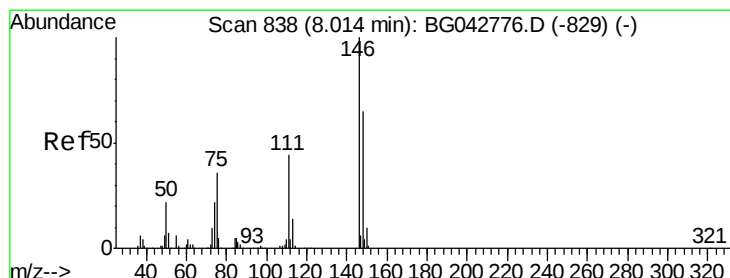
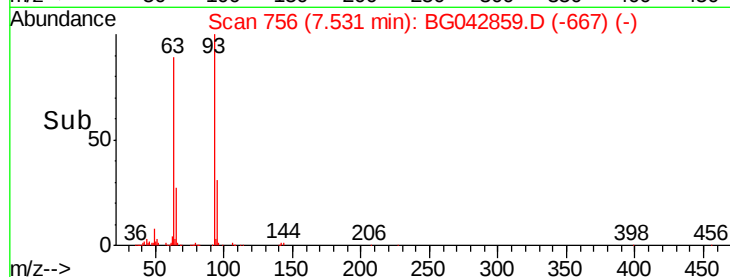
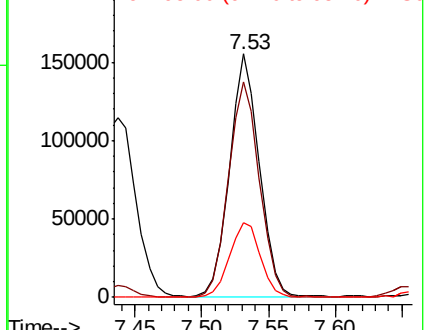
93 100

63 88.7 74.7 114.7

95 30.9 11.1 51.1



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



#12

1,3-Dichlorobenzene

Concen: 33.414 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

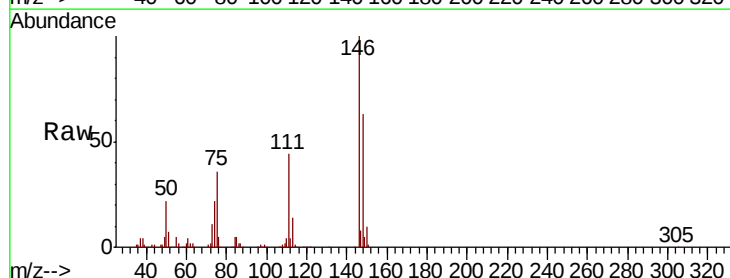
Tgt Ion: 146 Resp: 271251

Ion Ratio Lower Upper

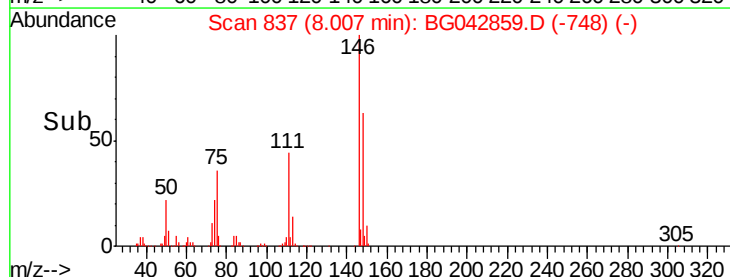
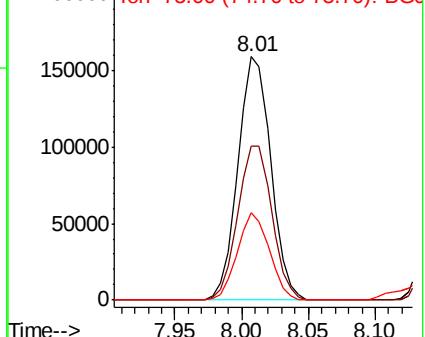
146 100

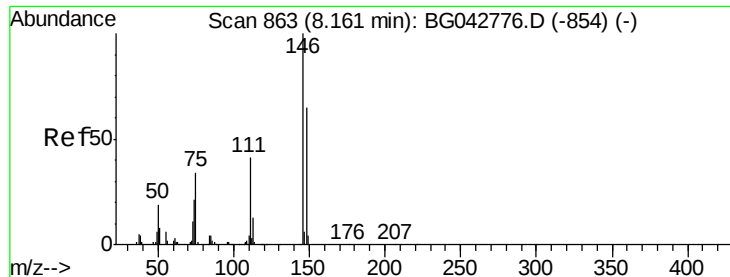
148 63.4 51.9 77.9

75 36.1 28.4 42.6



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

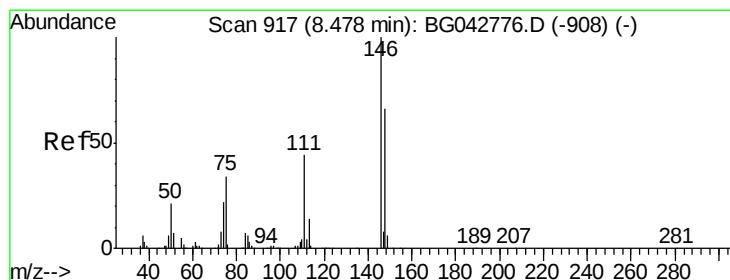
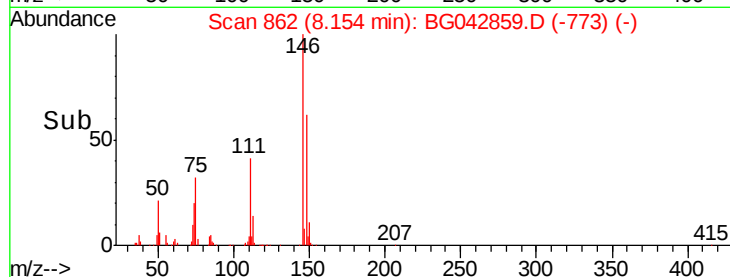
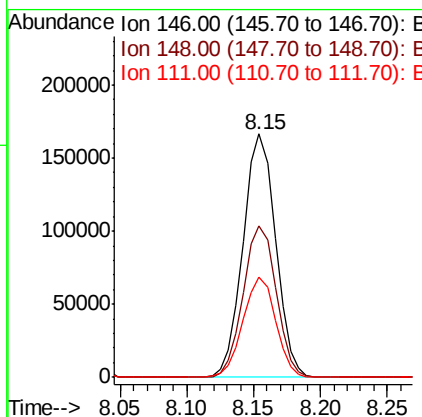
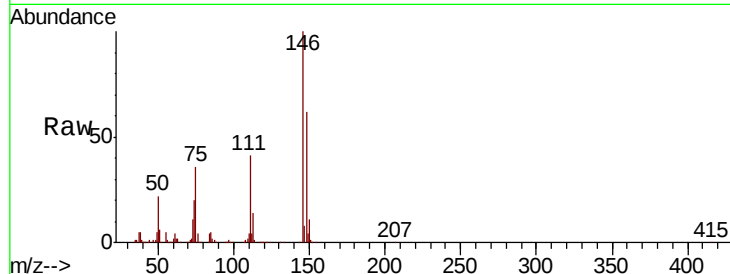




#13
 1,4-Dichlorobenzene
 Concen: 34.539 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

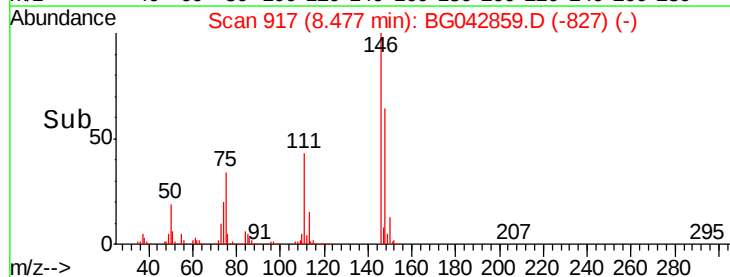
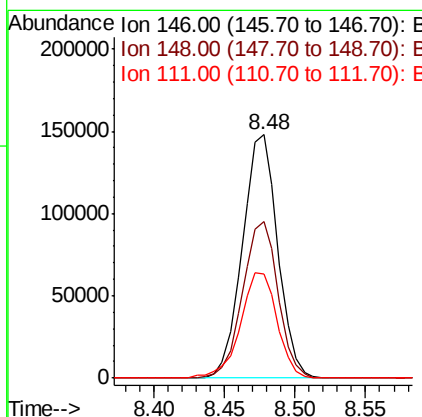
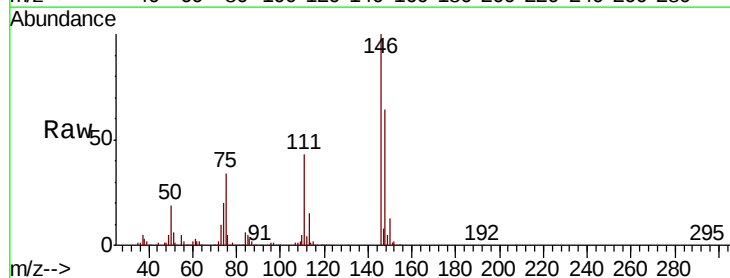
Instrument :
 BNA_G
 ClientSampleId :

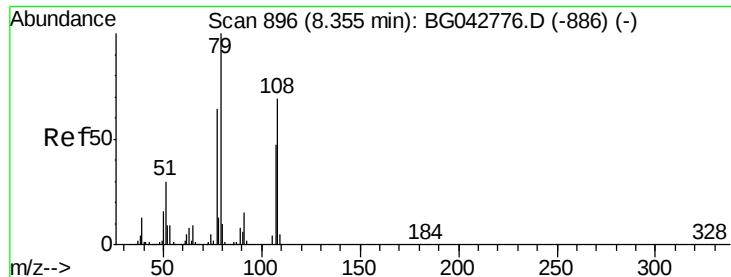
Tot Ion:146 Resp: 280707
 Ion Ratio Lower Upper
 146 100
 148 62.0 52.2 78.4
 111 40.9 32.6 49.0



#14
 1,2-Dichlorobenzene
 Concen: 33.477 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Tgt Ion:146 Resp: 258991
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.6 78.8
 111 42.5 35.3 52.9





#15

Benzyl Alcohol

Concen: 34.937 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampleId :

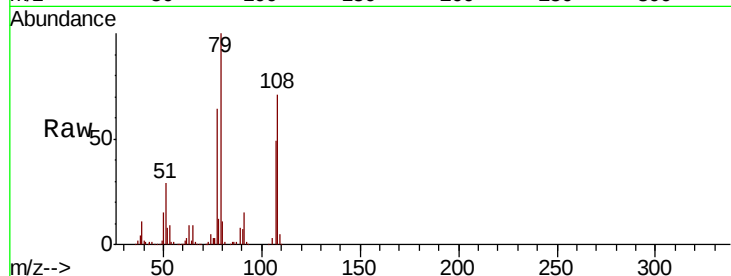
Tot Ion: 79 Resp: 264973

Ion Ratio Lower Upper

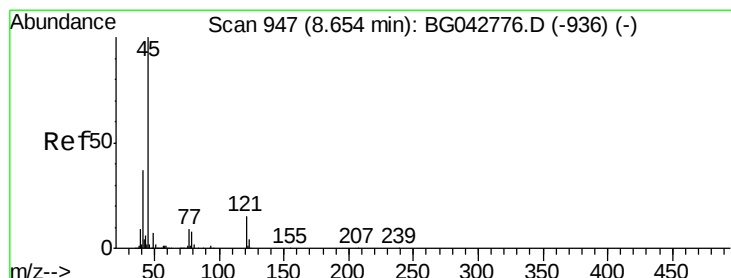
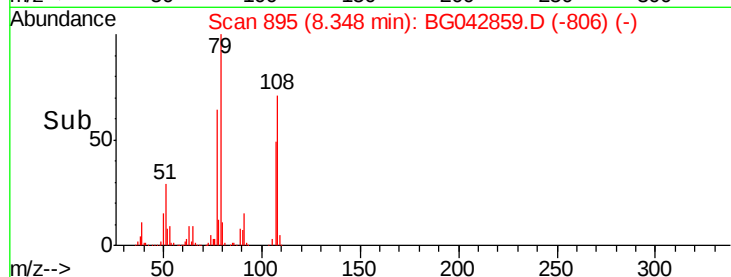
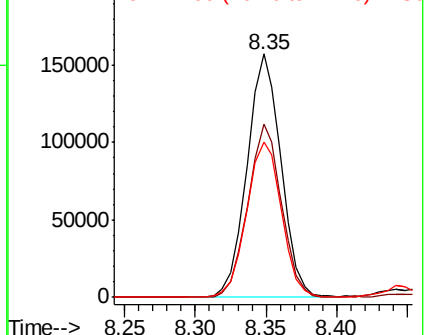
79 100

108 71.1 54.9 82.3

77 63.8 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: 30.956 ng

RT: 8.64 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

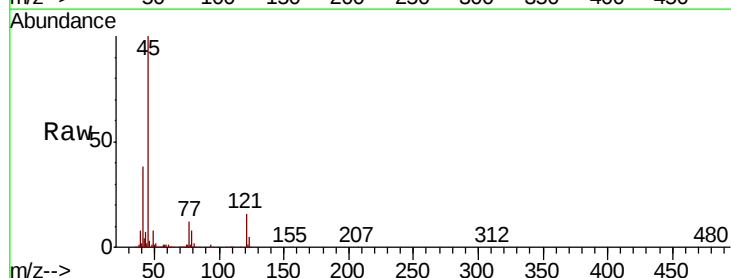
Tgt Ion: 45 Resp: 472851

Ion Ratio Lower Upper

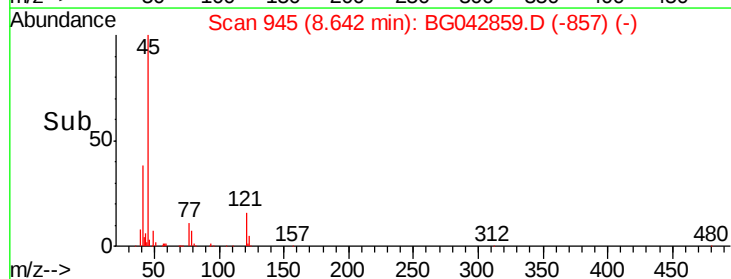
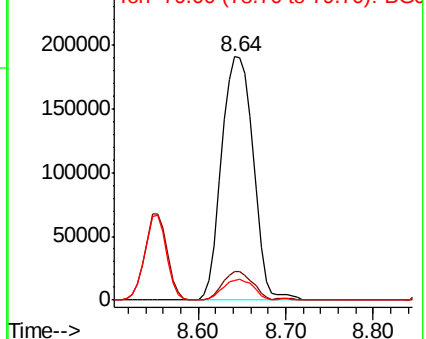
45 100

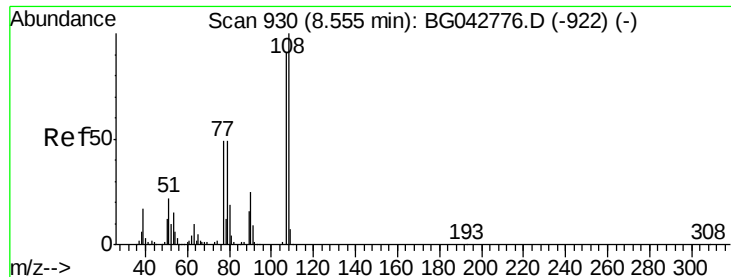
77 11.7 0.0 29.4

79 8.3 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: 36.735 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 222741

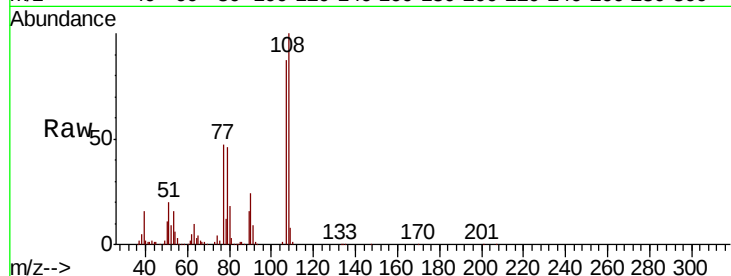
Ion Ratio Lower Upper

107 100

108 114.7 87.7 131.5

77 53.5 42.6 64.0

79 52.7 43.4 65.2

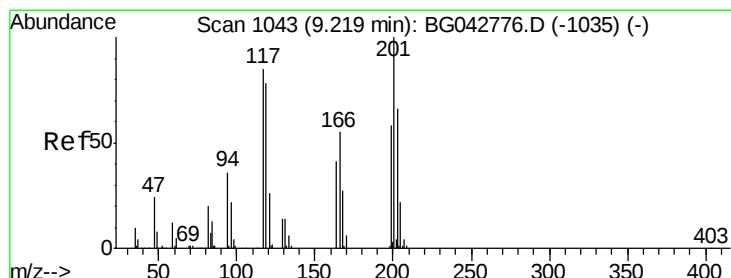
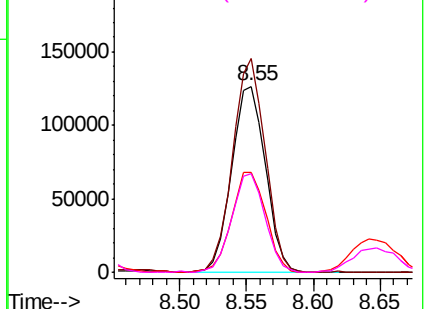
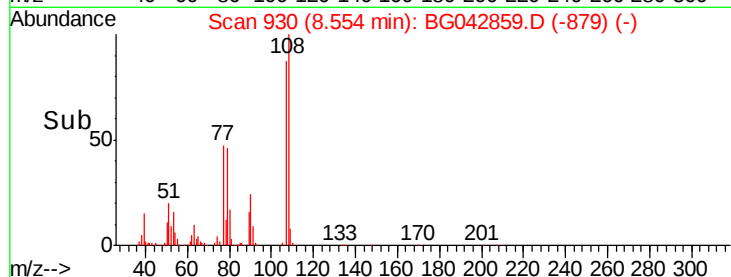


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.629 ng

RT: 9.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

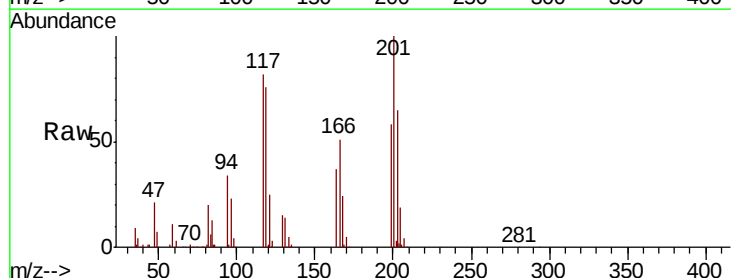
Tgt Ion:117 Resp: 100905

Ion Ratio Lower Upper

117 100

119 92.6 73.8 110.8

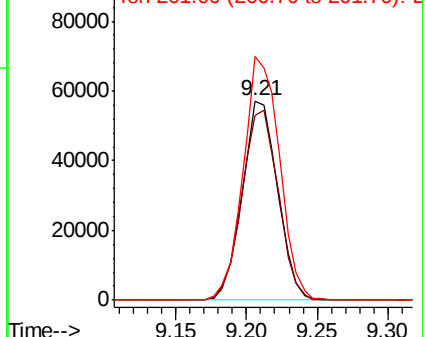
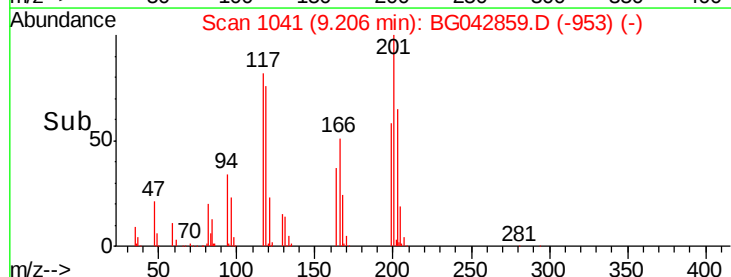
201 122.1 94.6 142.0

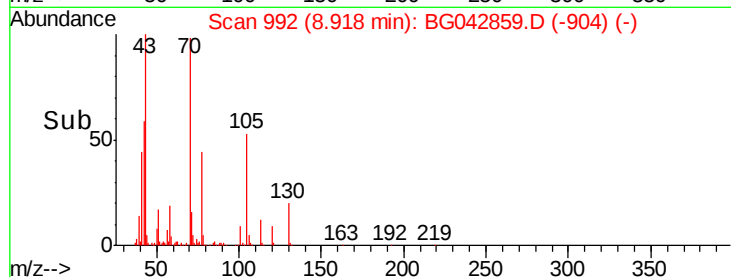
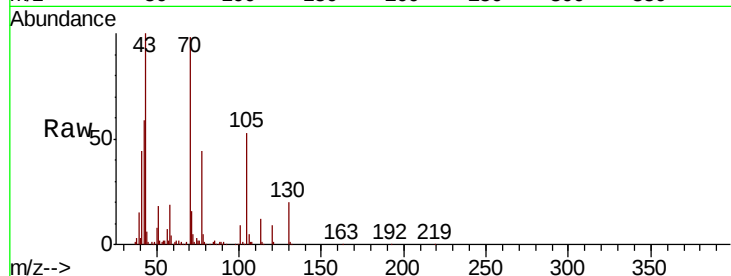
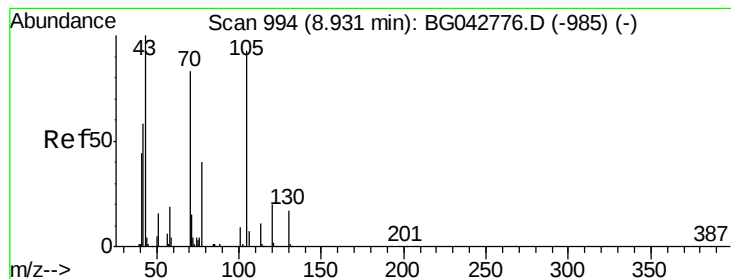


Abundance Ion 117.00 (116.70 to 117.70): E

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: 33.699 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 219449

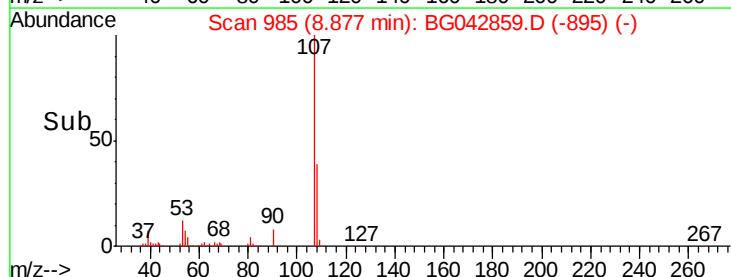
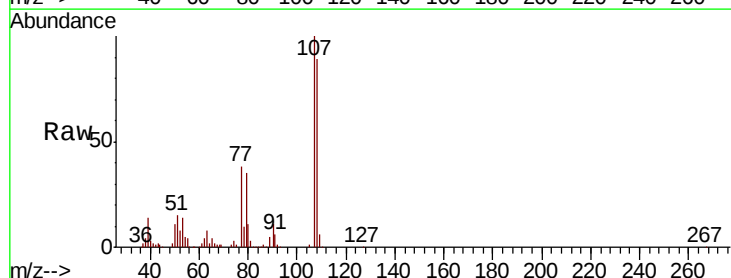
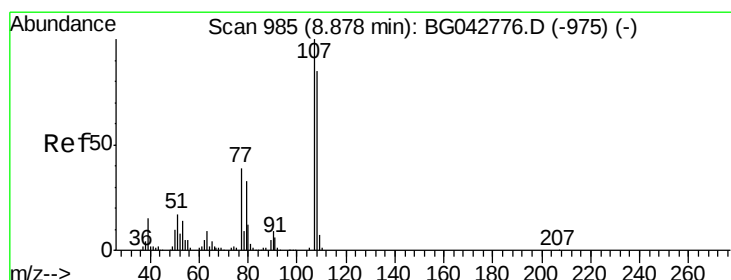
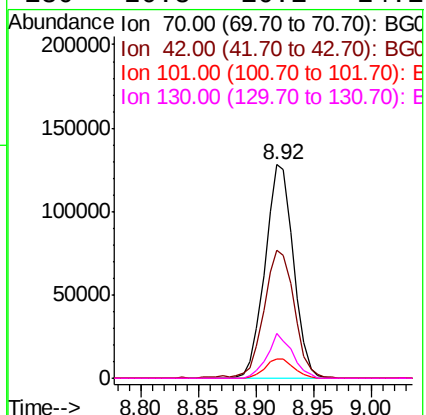
Ion Ratio Lower Upper

70 100

42 60.2 57.0 85.6

101 9.3 8.4 12.6

130 20.8 16.1 24.1



#20

3+4-Methylphenols

Concen: 36.752 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Tgt Ion: 107 Resp: 307188

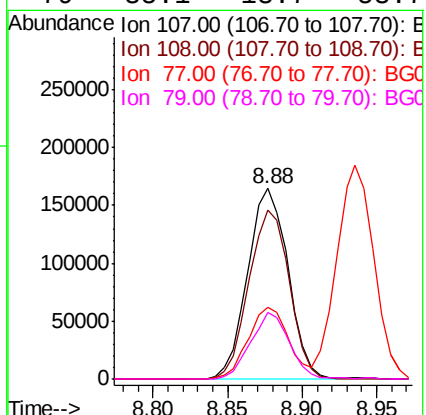
Ion Ratio Lower Upper

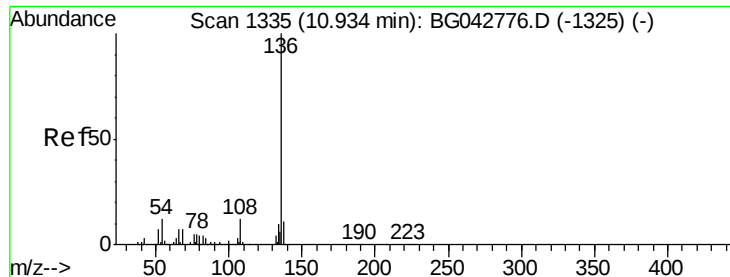
107 100

108 88.7 65.4 105.4

77 37.7 18.7 58.7

79 35.1 13.7 53.7

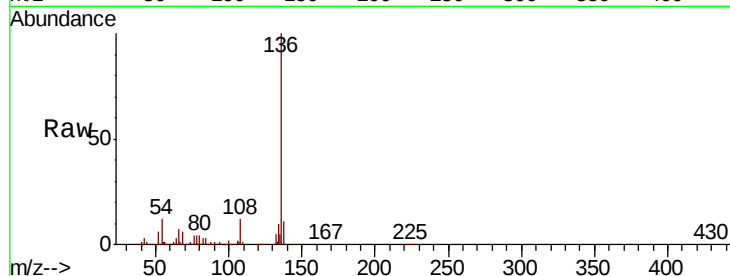




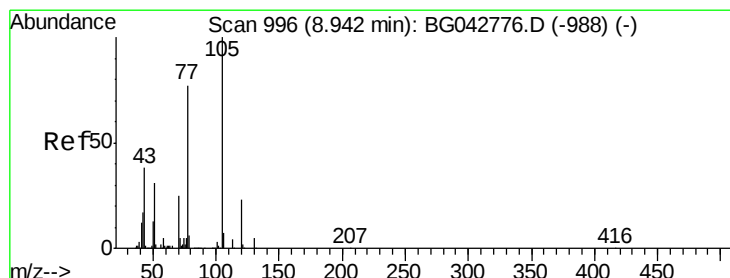
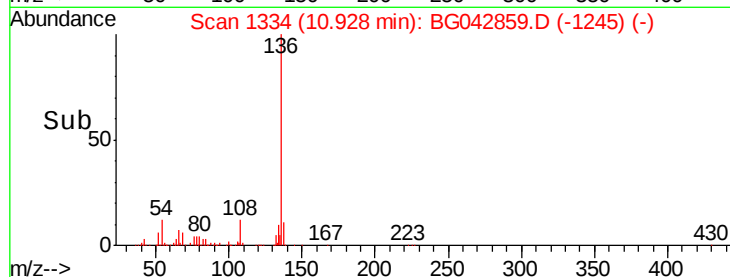
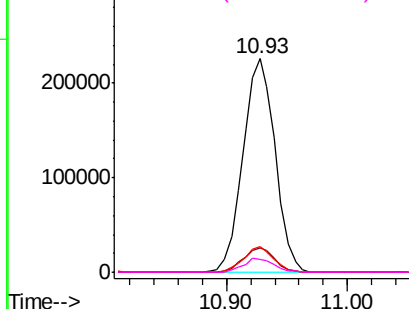
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	416793	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	9.0	13.6	
54 12.0	9.4	14.0	
68 5.9	5.4	8.2	

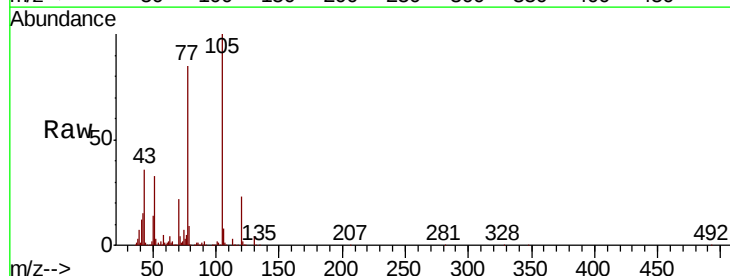


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

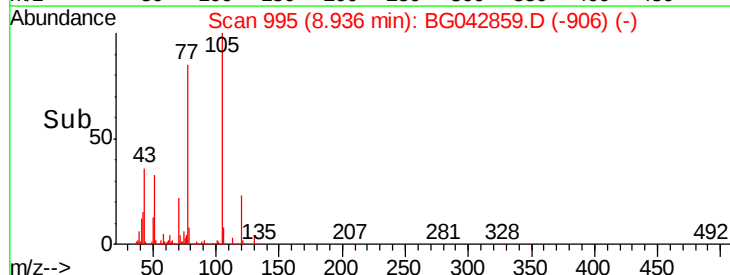
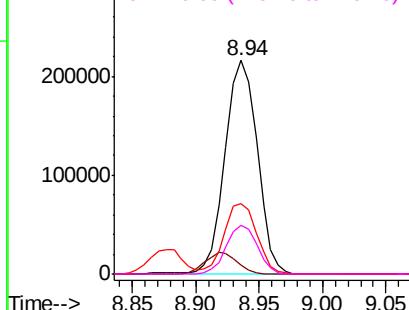


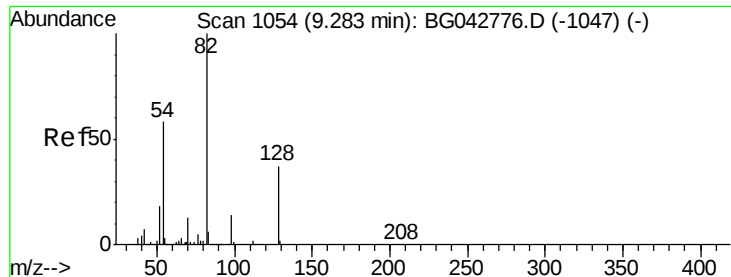
#22
Acetophenone
Concen: 36.192 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt	Ion:105	Resp:	380966
Ion	Ratio	Lower	Upper
105	100		
71	4.1	3.7	5.5
51	32.7	28.8	43.2
120	23.0	18.5	27.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

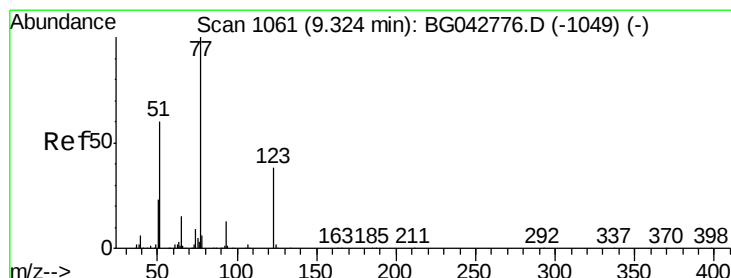
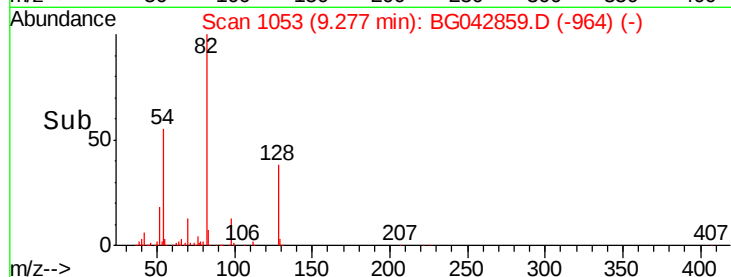
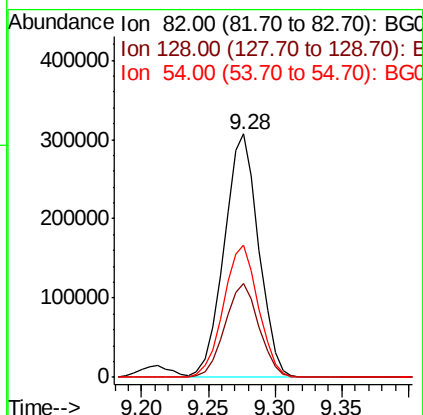
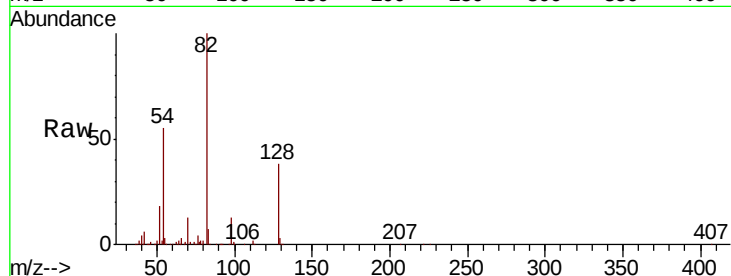




#23
 Nitrobenzene-d5
 Concen: 69.096 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

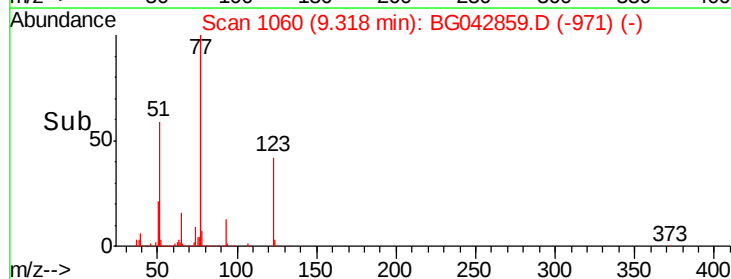
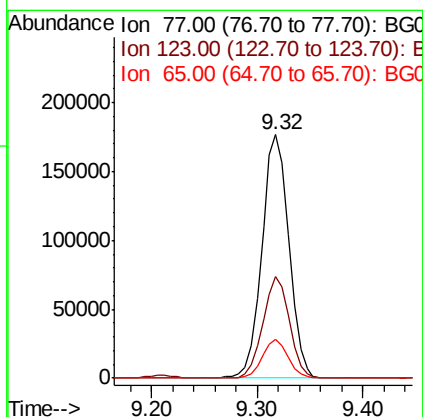
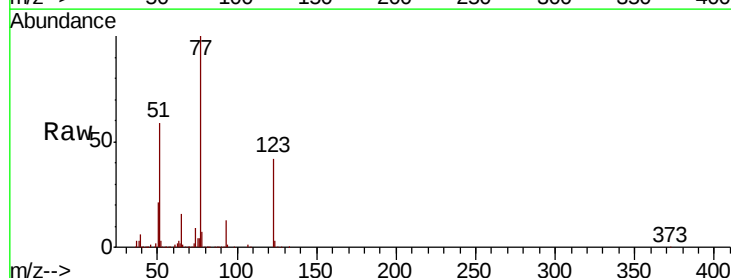
Instrument :
 BNA_G
 ClientSampleId :

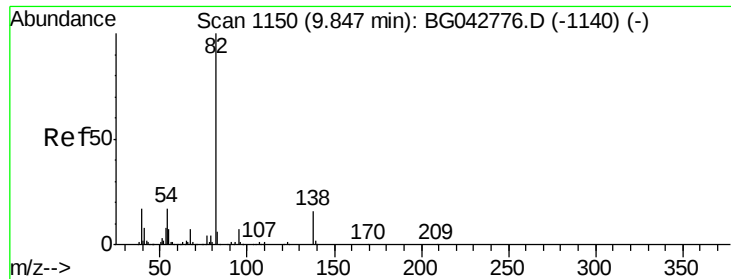
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.4	29.8	44.8
54	54.6	46.1	69.1



#24
 Nitrobenzene
 Concen: 37.270 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.7	30.7	46.1
65	15.7	12.2	18.4





#25

Isophorone

Concen: 34.959 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampleId :

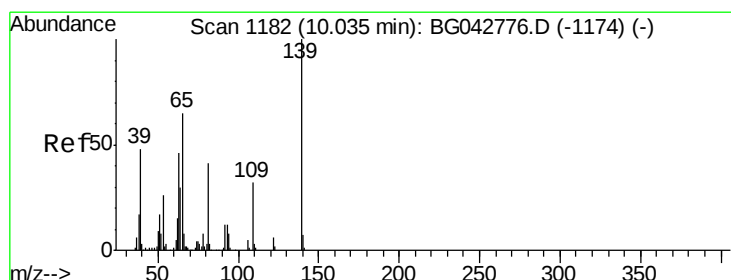
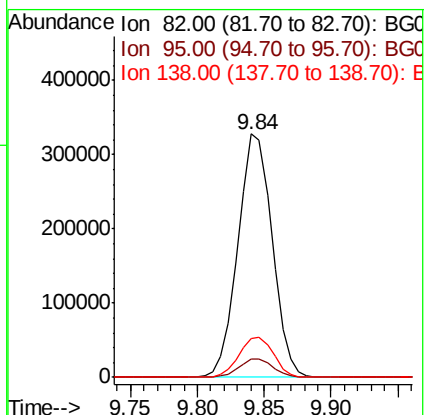
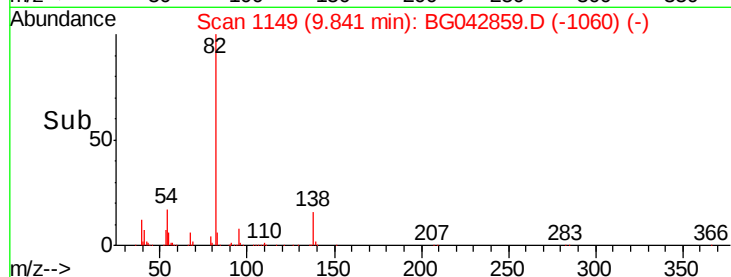
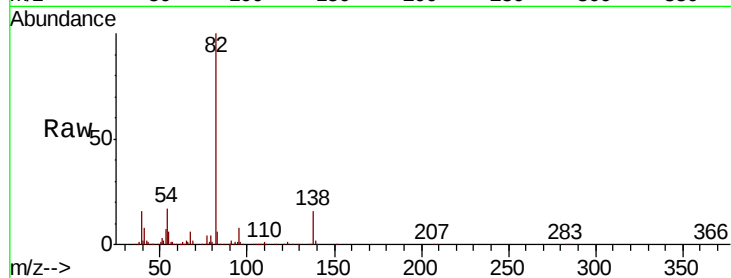
Tot Ion: 82 Resp: 583364

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.8

138 16.1 12.9 19.3



#26

2-Nitrophenol

Concen: 41.529 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

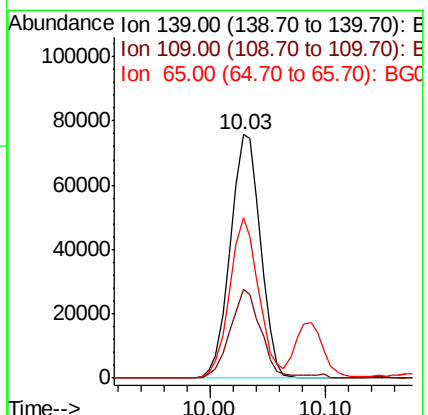
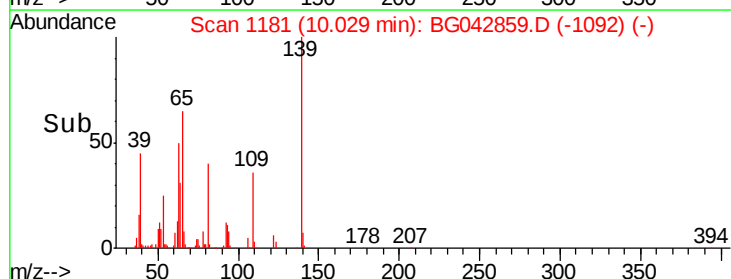
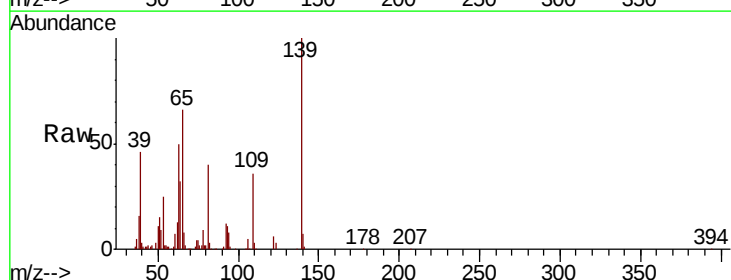
Tgt Ion: 139 Resp: 137225

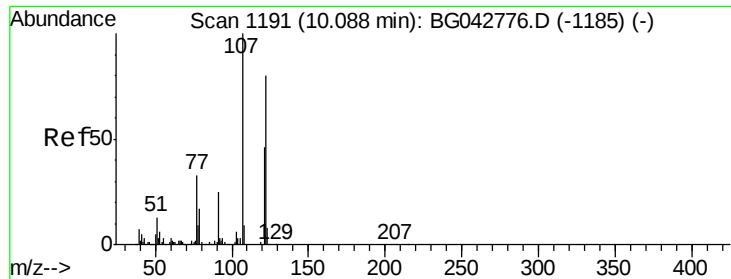
Ion Ratio Lower Upper

139 100

109 36.2 25.8 38.8

65 65.9 52.2 78.2

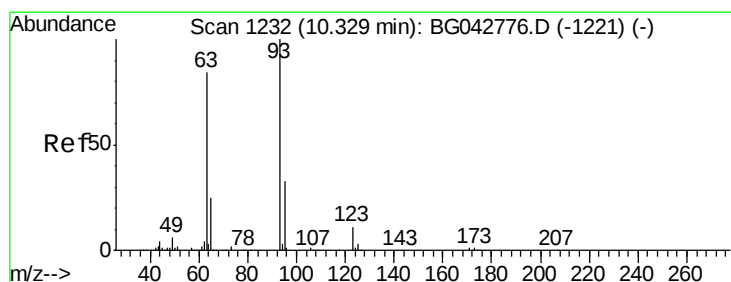
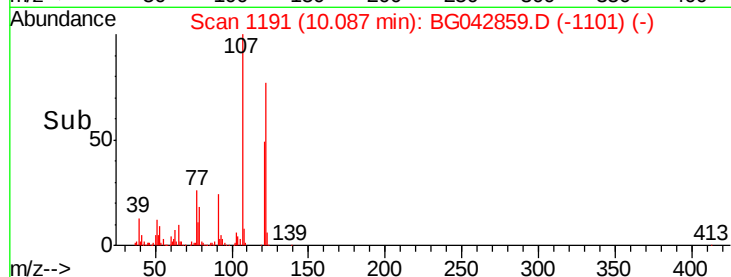
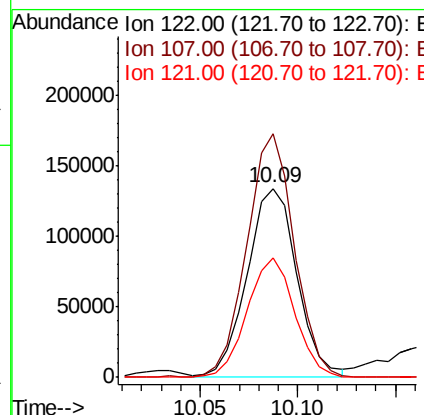
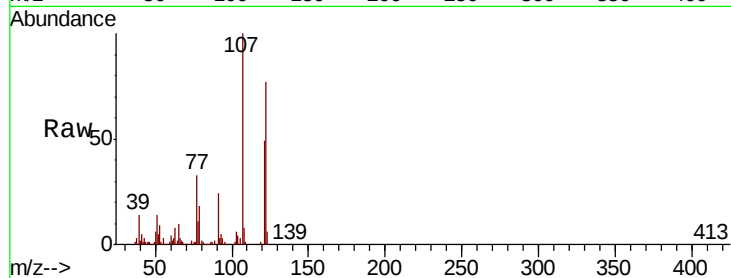




#27
2,4-Dimethylphenol
Concen: 40.419 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

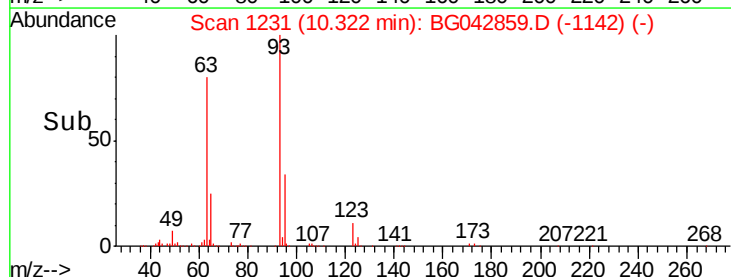
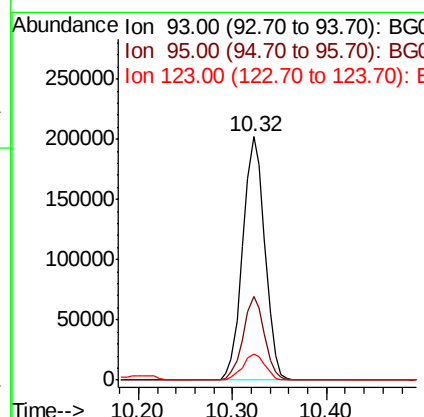
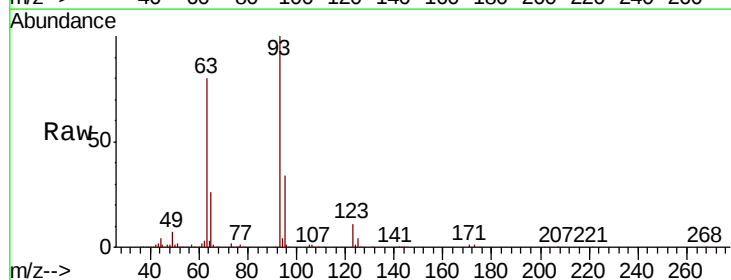
Instrument :
BNA_G
ClientSampleId :

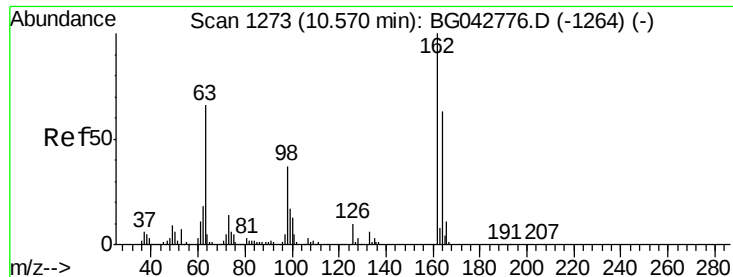
Tot Ion	Ratio	Lower	Upper
122	100		
107	129.1	98.9	148.3
121	63.0	46.2	69.2



#28
bis(2-Chloroethoxy)methane
Concen: 35.486 ng
RT: 10.32 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	26.6	40.0
123	10.9	9.0	13.6

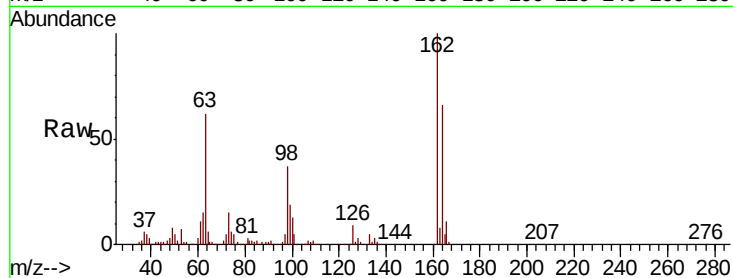




#29
 2,4-Dichlorophenol
 Concen: 38.414 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	43.4	83.4
98	36.6	17.0	57.0

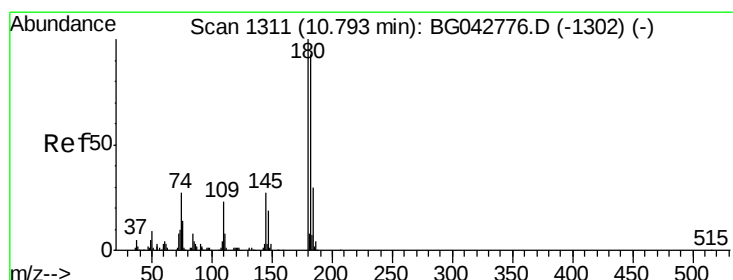
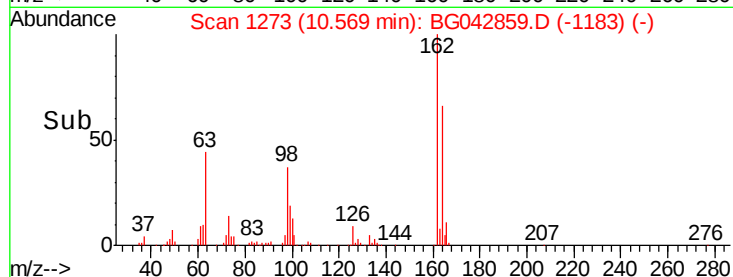
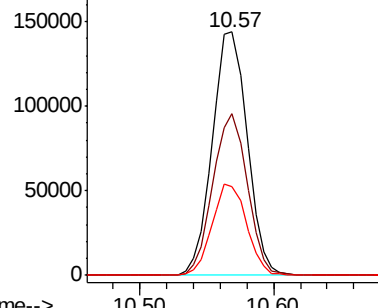


Abundance

Ion 162.00 (161.70 to 162.70): E

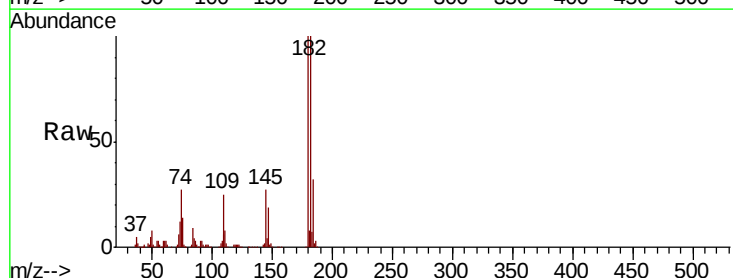
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 35.155 ng
 RT: 10.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.8	74.6	112.0
145	26.6	21.8	32.6

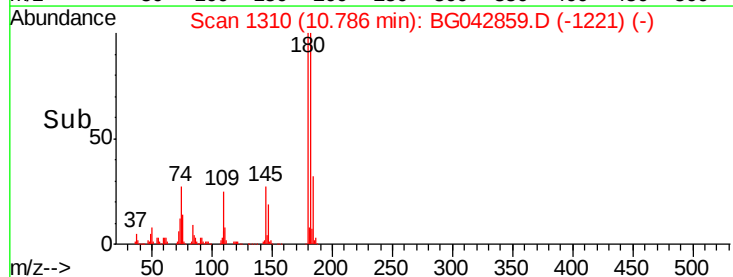
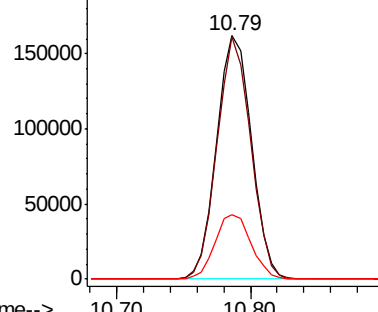


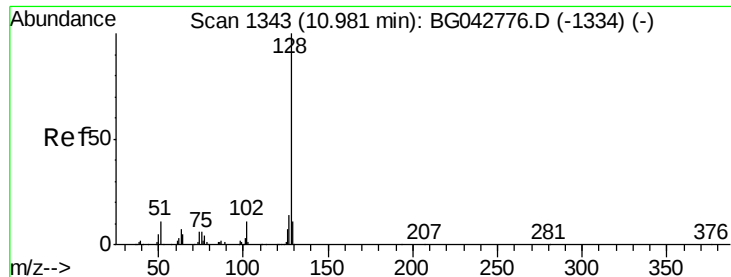
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

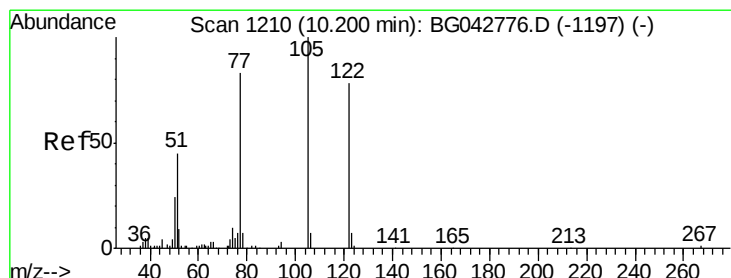
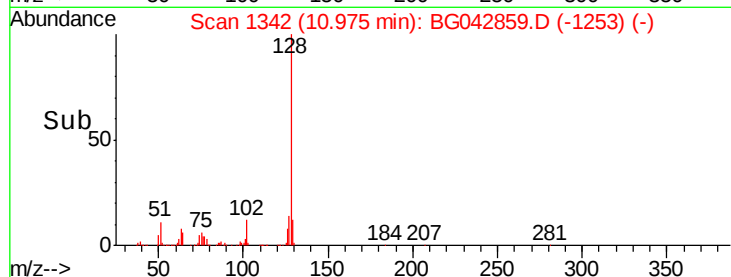
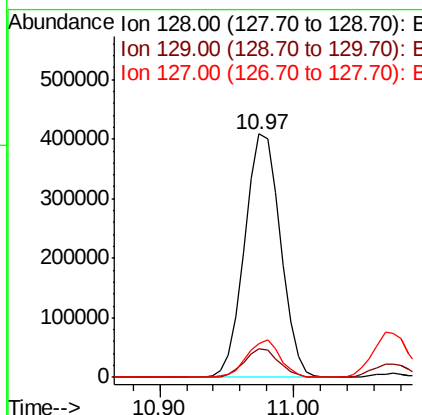
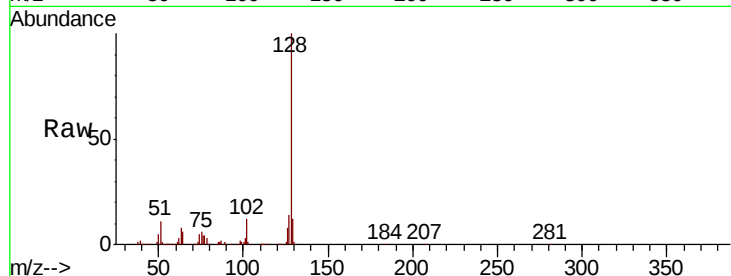




#31
Naphthalene
Concen: 36.723 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

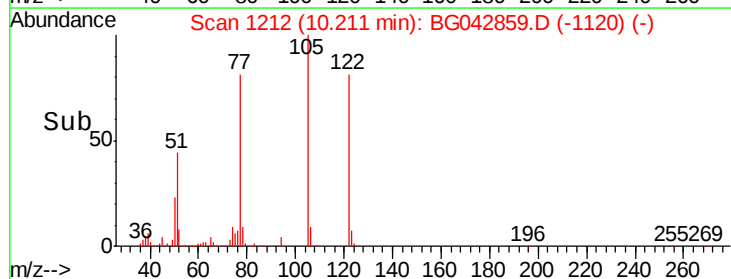
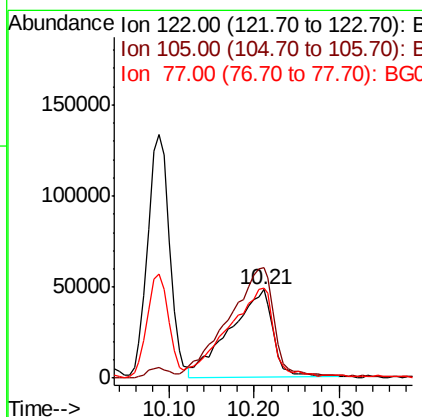
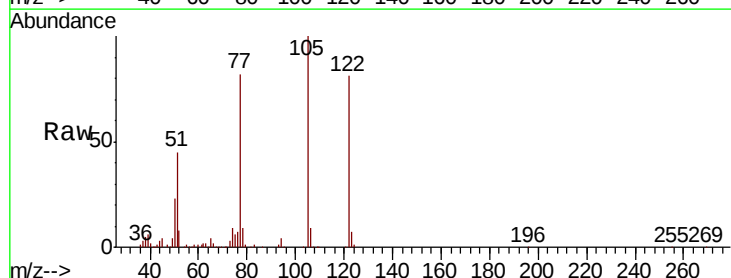
Instrument :
BNA_G
ClientSampled :

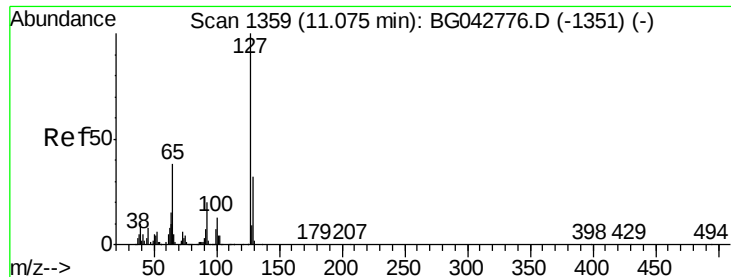
Tot Ion:128 Resp: 755695
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 14.0 11.4 17.2



#32
Benzoic acid
Concen: 37.729 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion:122 Resp: 171480
Ion Ratio Lower Upper
122 100
105 124.2 104.0 144.0
77 101.6 84.2 124.2

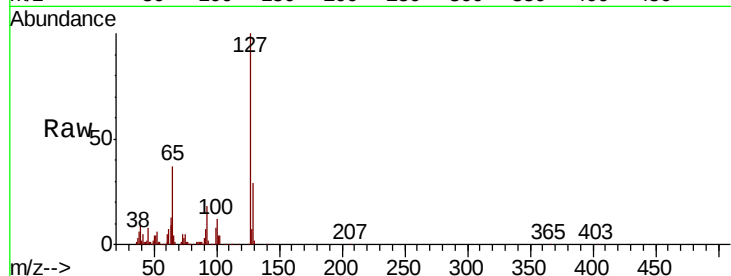




#33
4-Chloroaniline
Concen: 14.712 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	141509
Ion	Ratio	Lower	Upper
127	100		
129	29.3	25.8	38.6
65	37.1	30.5	45.7
92	18.0	15.9	23.9



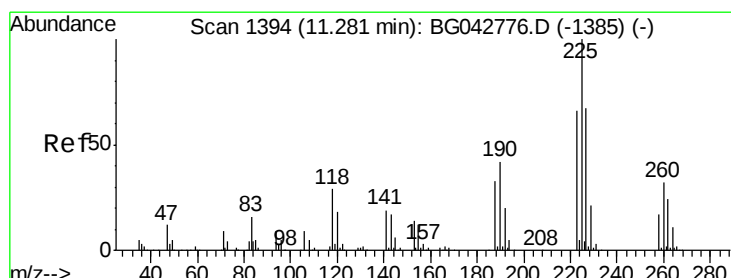
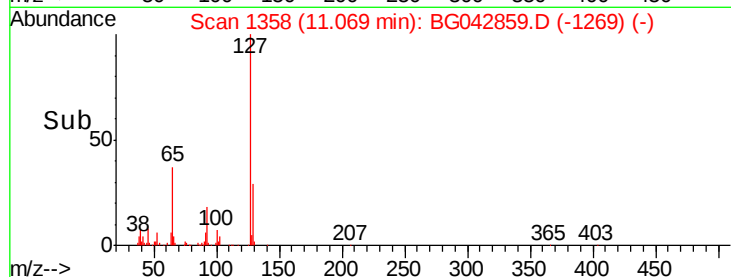
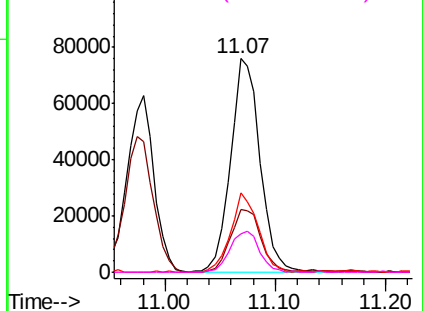
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

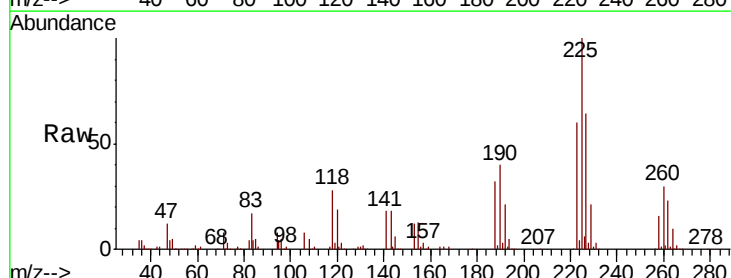
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 33.743 ng
RT: 11.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion:	225	Resp:	196057
Ion	Ratio	Lower	Upper
225	100		
223	60.4	52.6	79.0
227	64.1	53.6	80.4

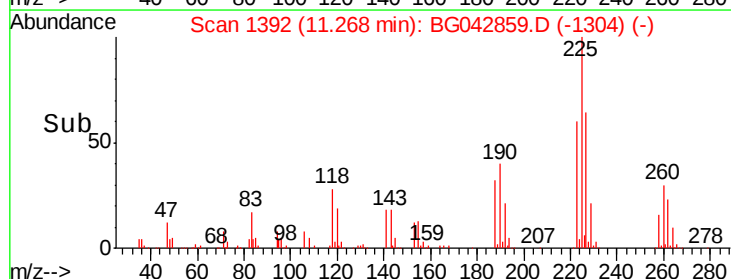
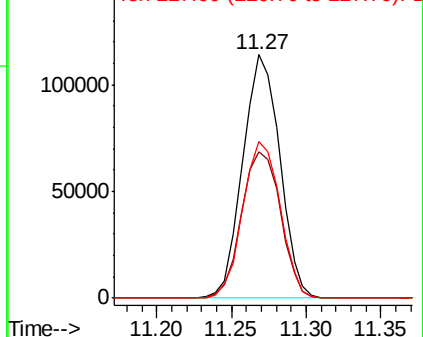


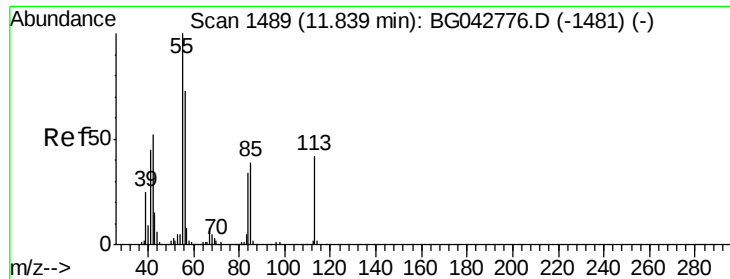
Abundance

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: 25.381 ng

RT: 11.84 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampleId :

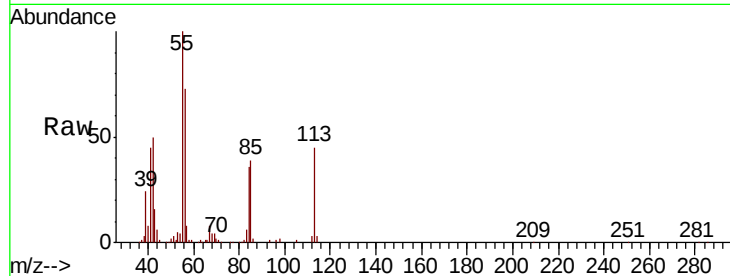
Tot Ion:113 Resp: 64109

Ion Ratio Lower Upper

113 100

55 221.2 218.4 258.4

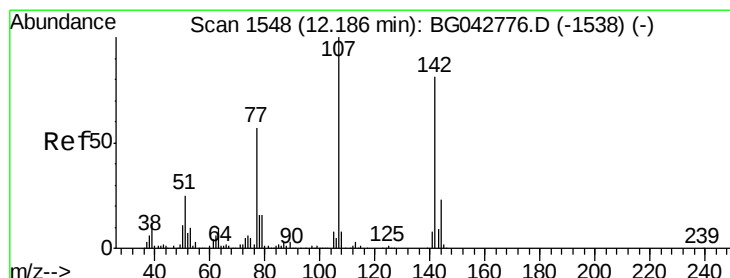
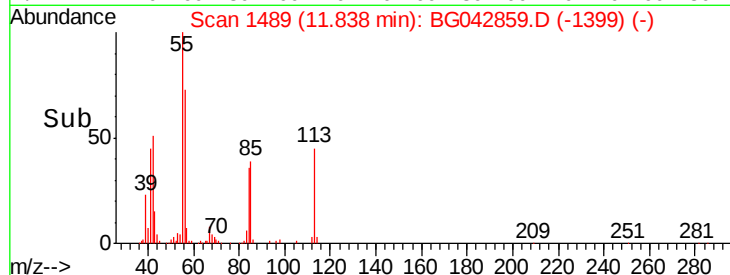
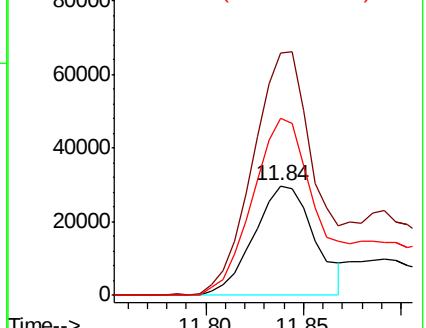
56 162.0 154.8 194.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.363 ng

RT: 12.18 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

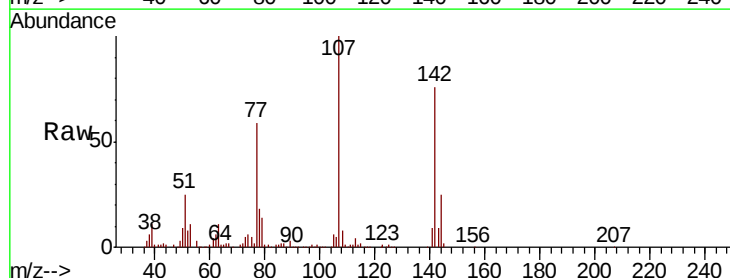
Tgt Ion:107 Resp: 290304

Ion Ratio Lower Upper

107 100

144 24.9 18.7 28.1

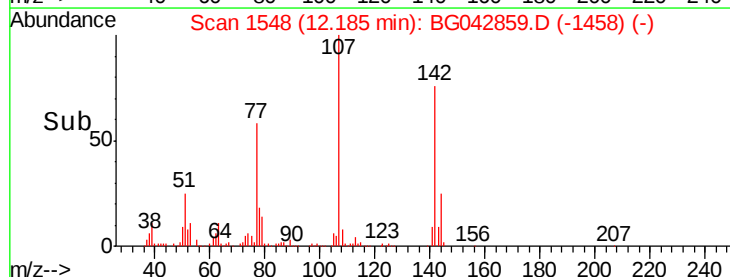
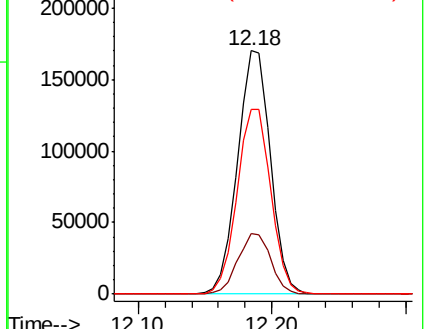
142 76.0 65.0 97.4

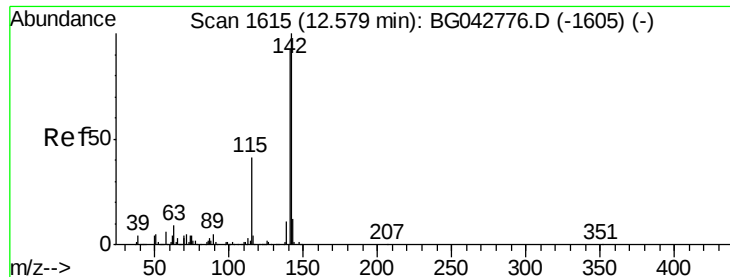


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

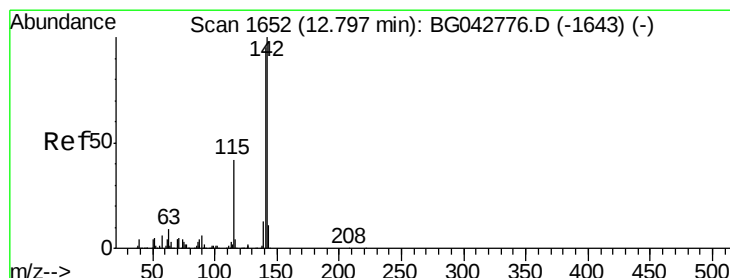
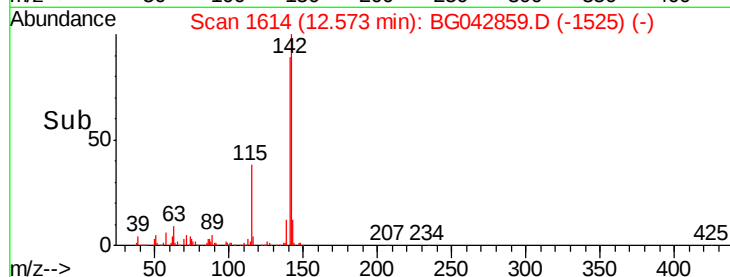
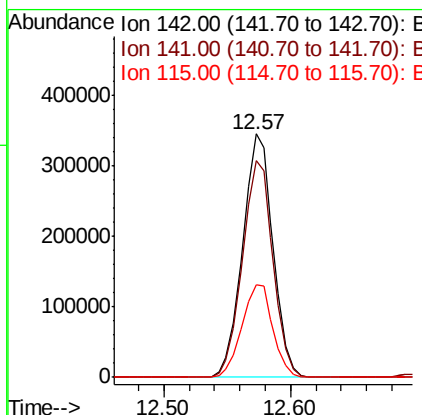
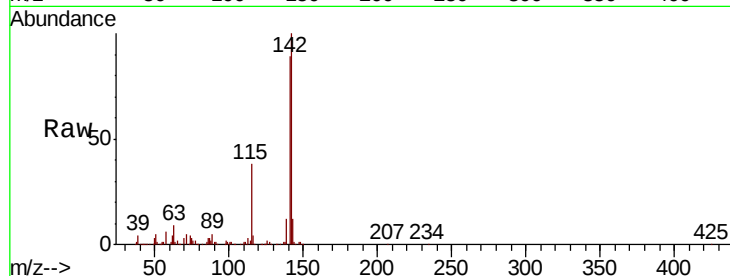




#37
2-Methylnaphthalene
Concen: 37.088 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

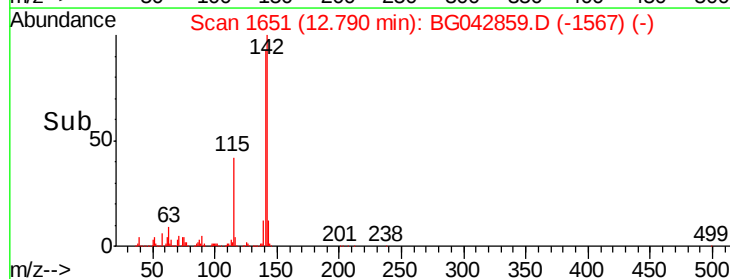
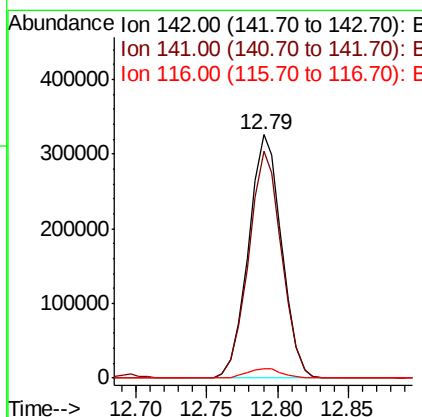
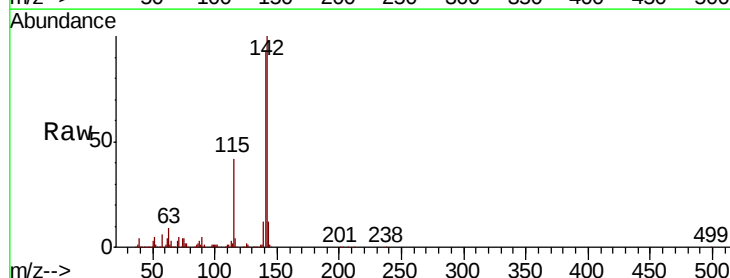
Instrument :
BNA_G
ClientSampleId :

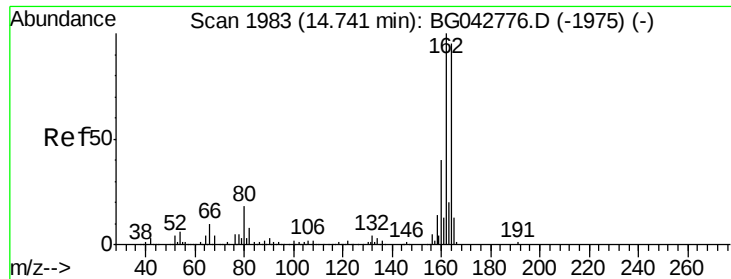
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.8	110.8
115	37.8	33.0	49.4



#38
1-Methylnaphthalene
Concen: 37.040 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	76.3	114.5
116	3.9	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampled :

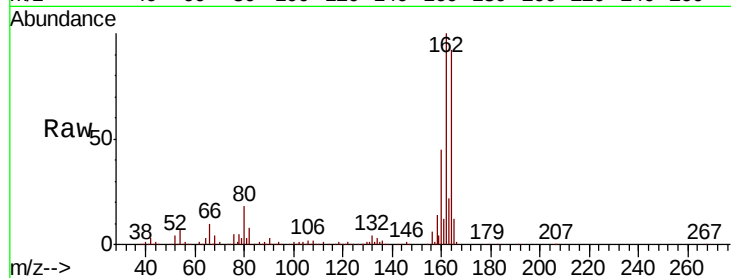
Tot Ion:164 Resp: 284571

Ion Ratio Lower Upper

164 100

162 109.0 84.6 126.8

160 48.7 34.2 51.2

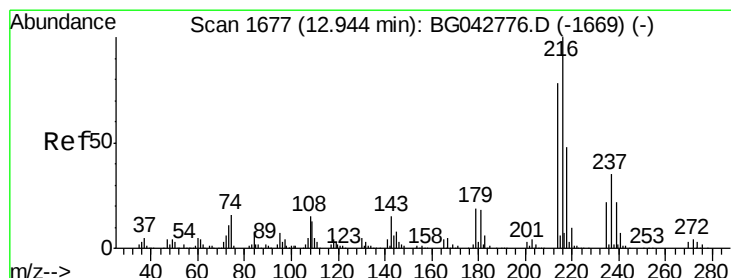
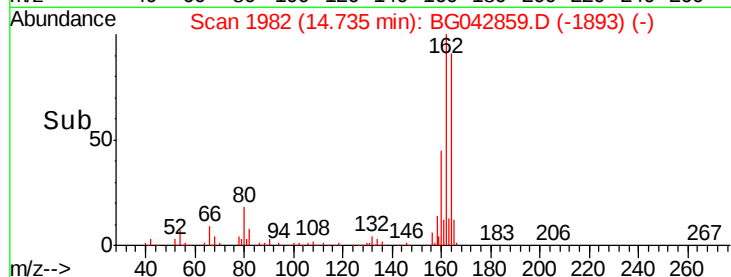
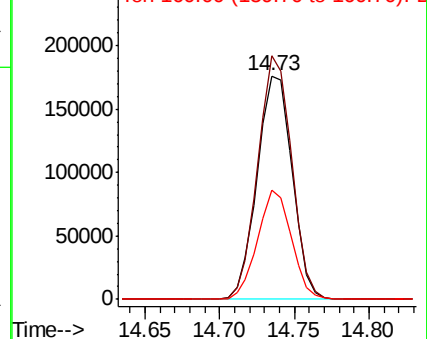


Abundance

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: 37.045 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Tgt Ion:216 Resp: 348351

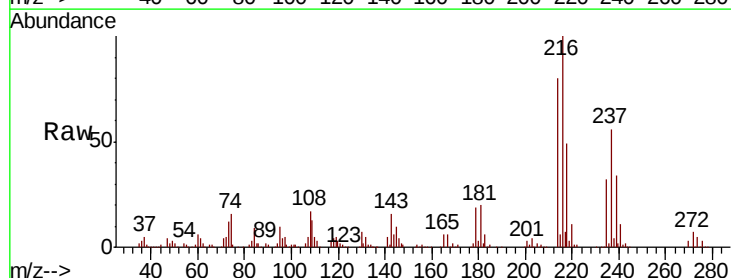
Ion Ratio Lower Upper

216 100

214 80.6 62.8 94.2

179 19.9 15.3 22.9

108 17.4 12.9 19.3



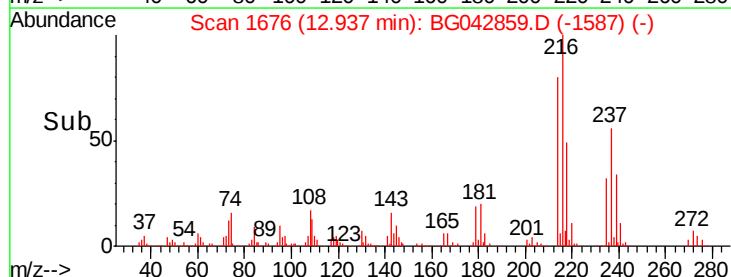
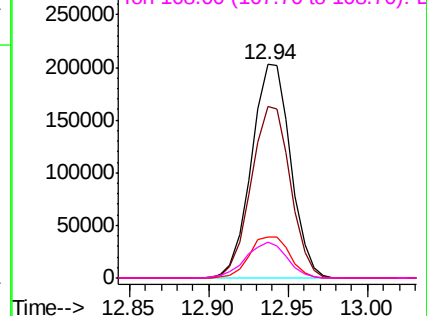
Abundance

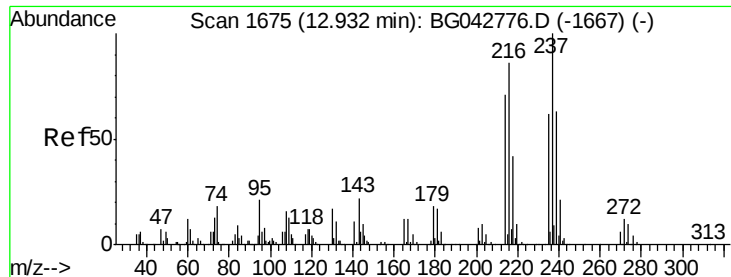
Ion 216.00 (215.70 to 216.70): E

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: 58.218 ng

RT: 12.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampled :

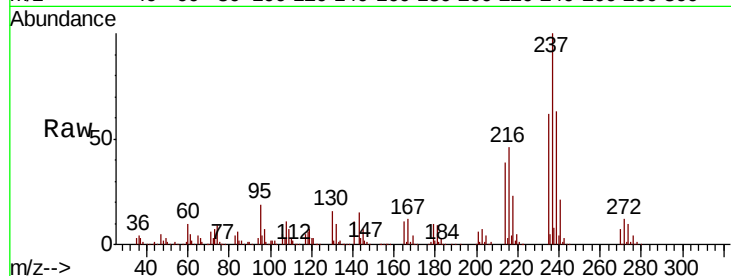
Tot Ion:237 Resp: 313622

Ion Ratio Lower Upper

237 100

235 61.7 41.9 81.9

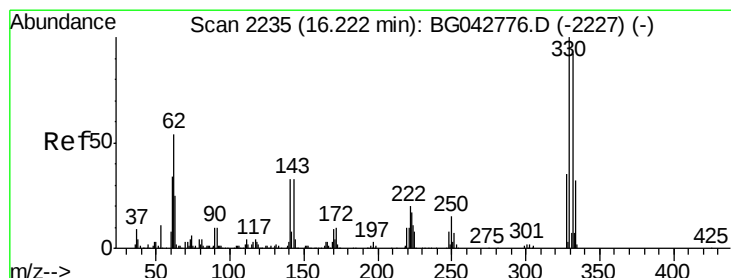
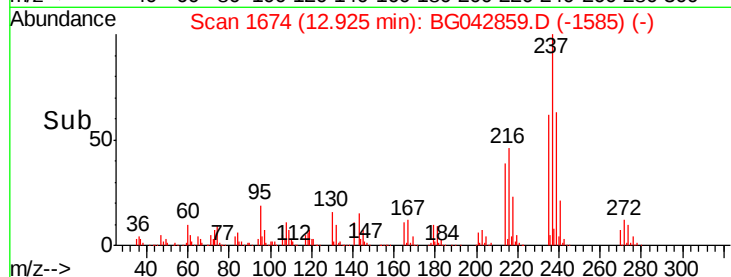
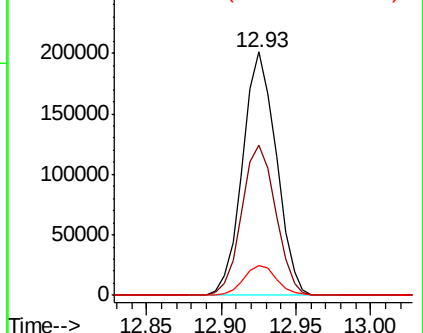
272 12.3 0.0 31.6



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: 90.240 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

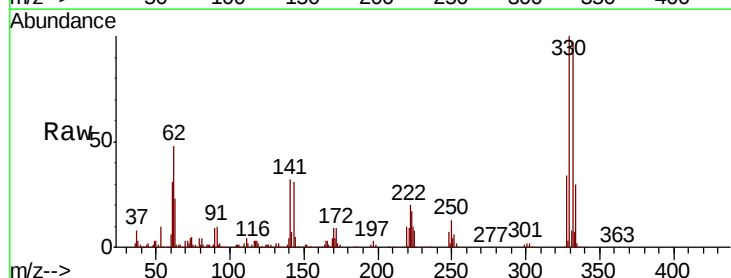
Tgt Ion:330 Resp: 341648

Ion Ratio Lower Upper

330 100

332 96.9 76.7 115.1

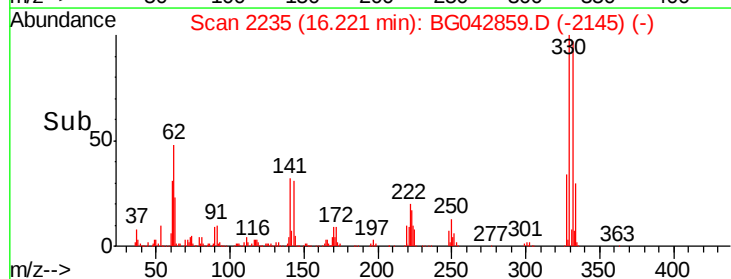
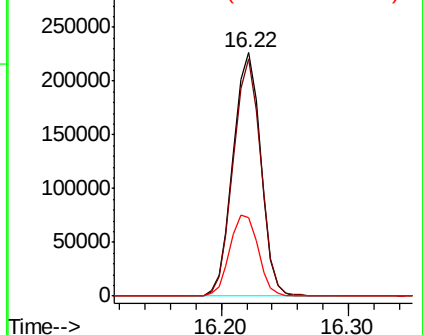
141 34.3 27.0 40.6

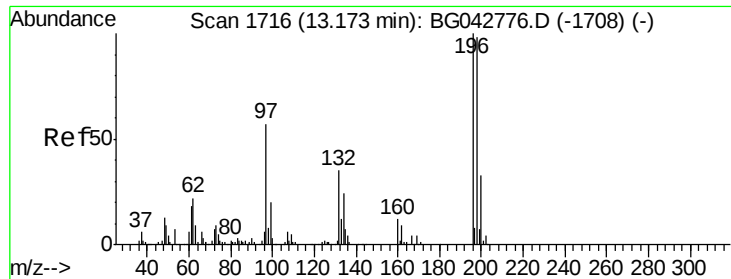


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

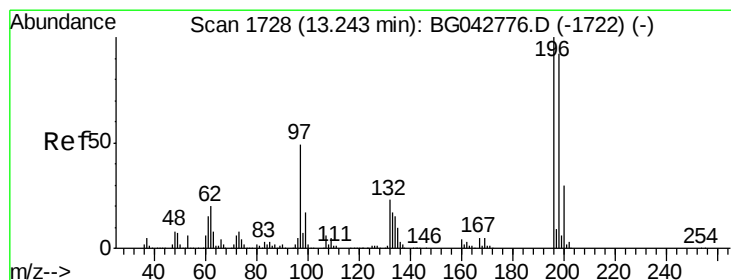
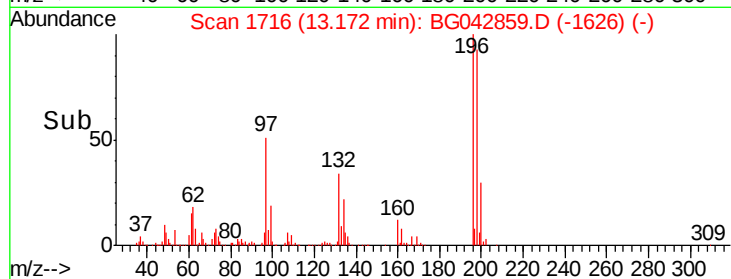
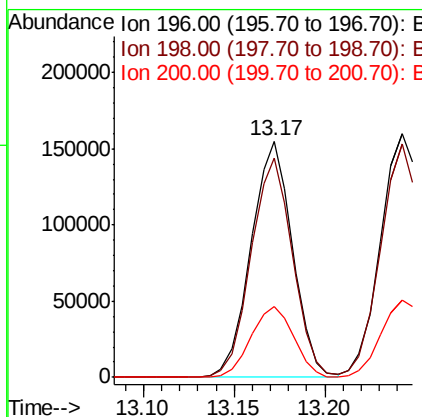
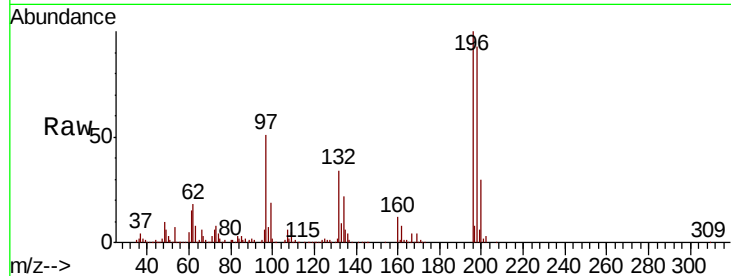




#43
 2,4,6-Trichlorophenol
 Concen: 39.275 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

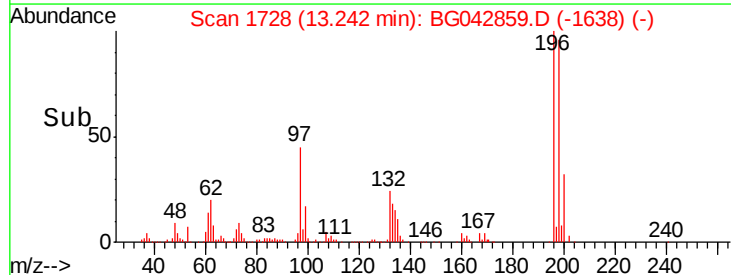
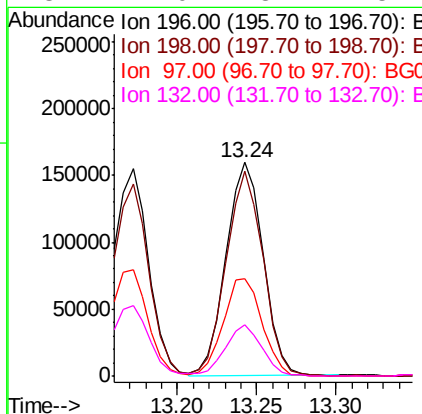
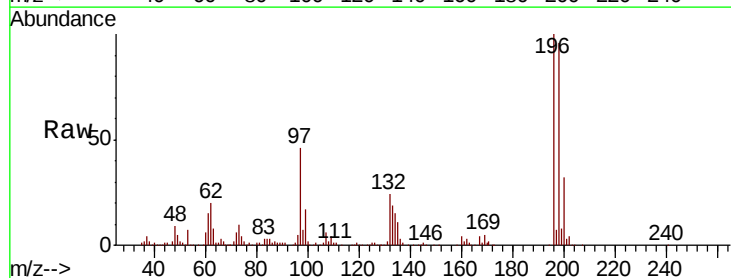
Instrument :
 BNA_G
 ClientSampled :

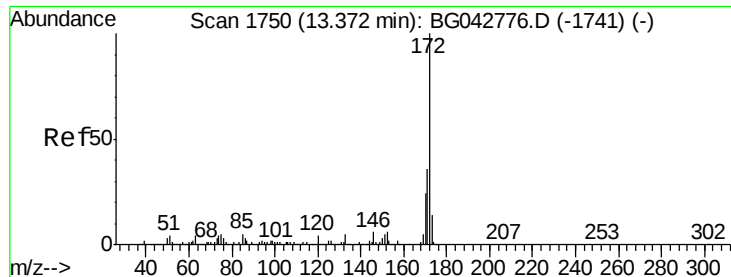
Tot Ion	Ratio	Lower	Upper
196	100		
198	92.7	78.8	118.2
200	30.0	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 40.456 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	73.4	110.0
97	45.7	39.2	58.8
132	24.0	18.7	28.1



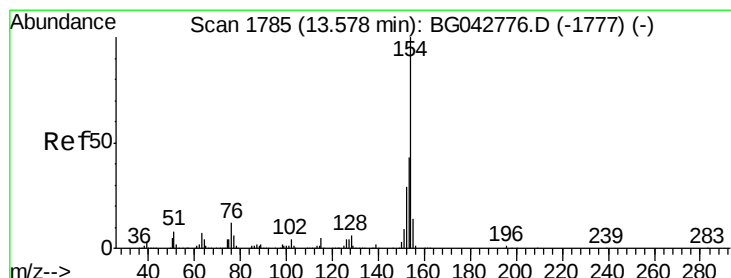
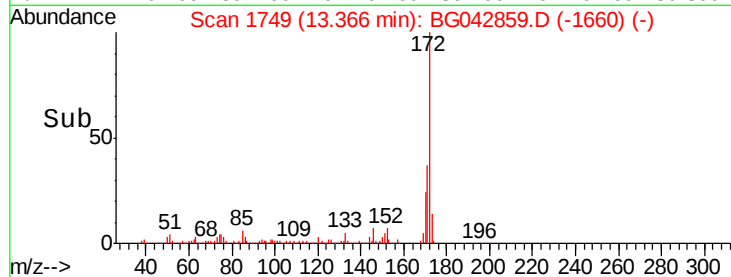
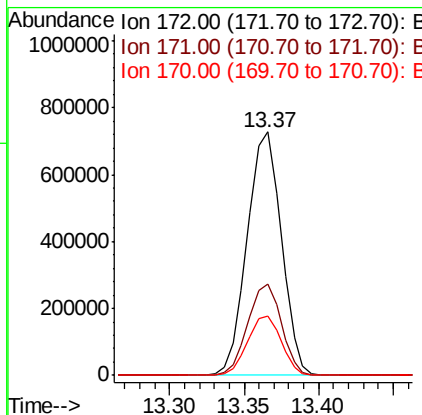
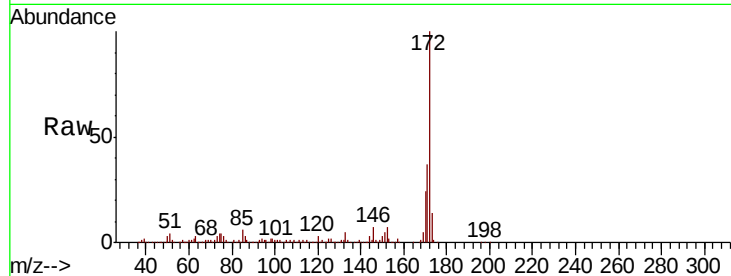


#45
 2-Fluorobiphenyl
 Concen: 64.133 ng
 RT: 13.37 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1152940

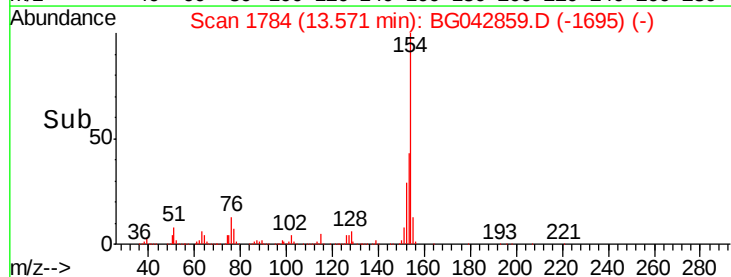
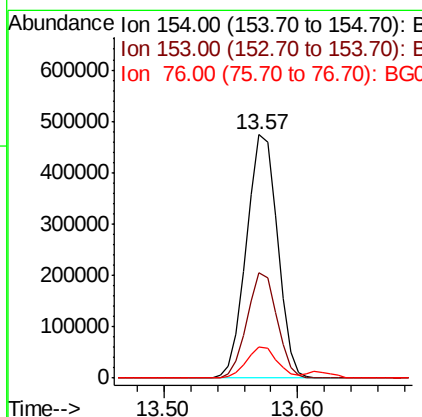
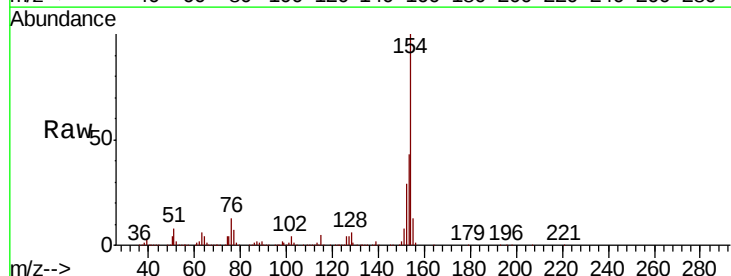
Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.9	43.3
170	24.4	19.1	28.7

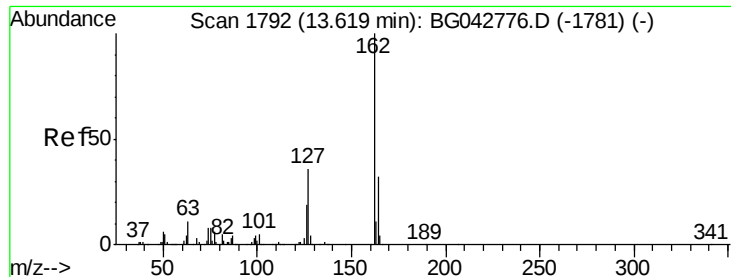


#46
 1,1'-Biphenyl
 Concen: 38.046 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Tgt Ion:154 Resp: 757944

Ion	Ratio	Lower	Upper
154	100		
153	43.5	22.6	62.6
76	12.6	0.0	32.2





#47

2-Chloronaphthalene

Concen: 36.200 ng

RT: 13.62 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampled :

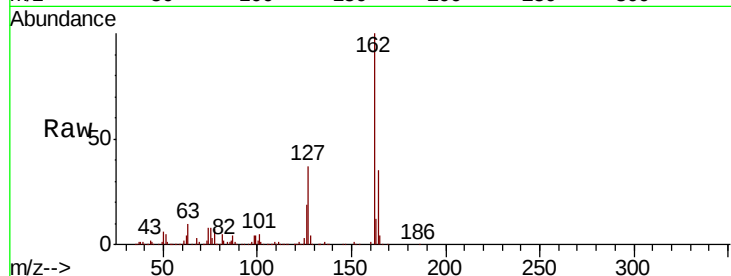
Tot Ion:162 Resp: 596567

Ion Ratio Lower Upper

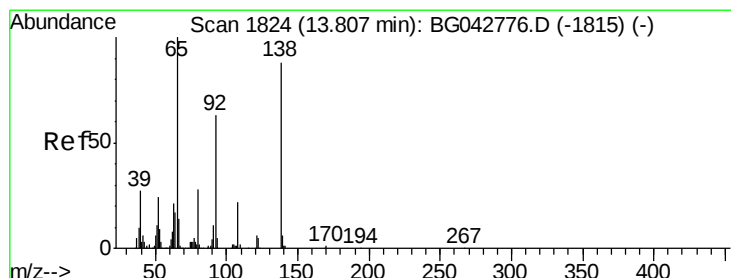
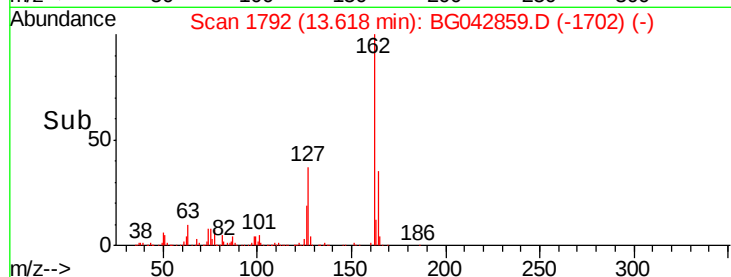
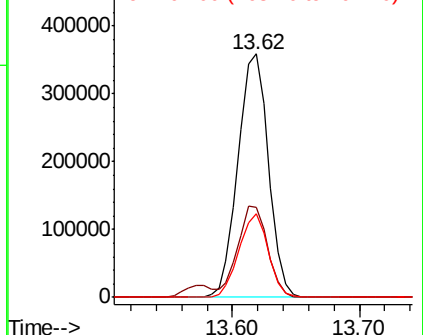
162 100

127 37.0 29.3 43.9

164 34.6 26.0 39.0



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



#48

2-Nitroaniline

Concen: 37.864 ng

RT: 13.81 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

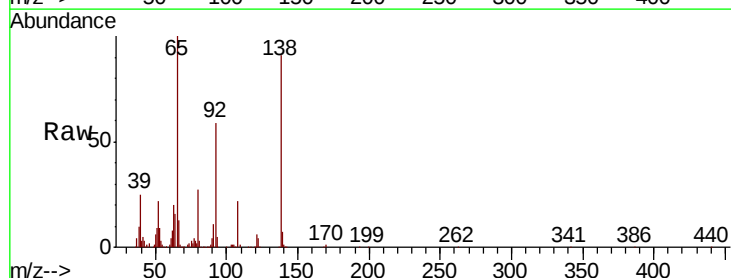
Tgt Ion: 65 Resp: 216461

Ion Ratio Lower Upper

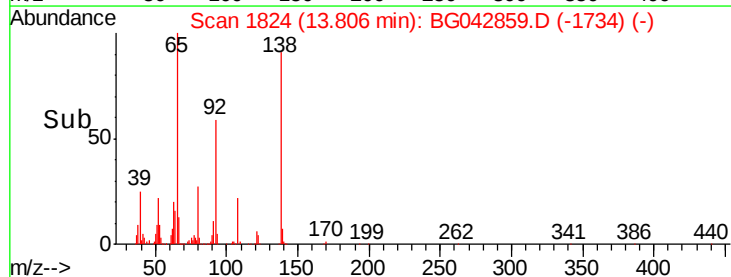
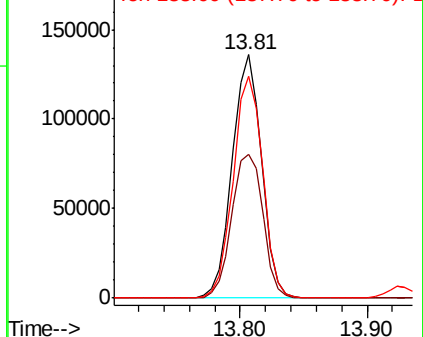
65 100

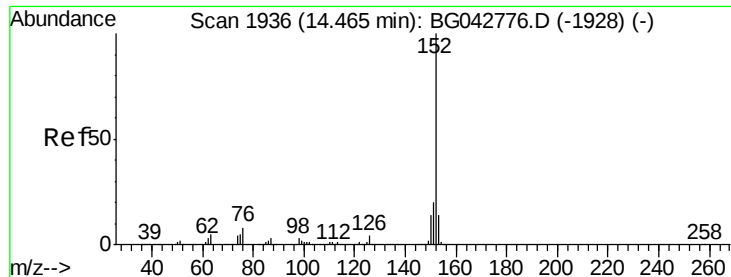
92 59.0 50.4 75.6

138 91.1 70.6 106.0



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





#49

Acenaphthylene

Concen: 37.893 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampleId :

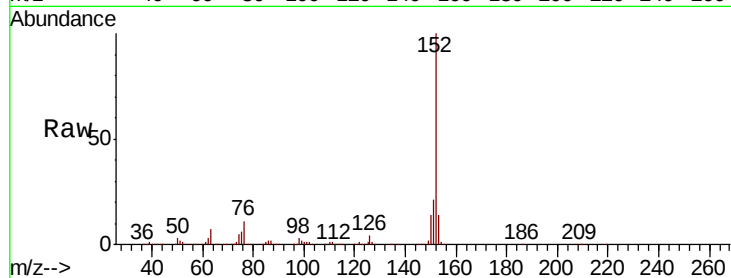
Tot Ion:152 Resp: 954284

Ion Ratio Lower Upper

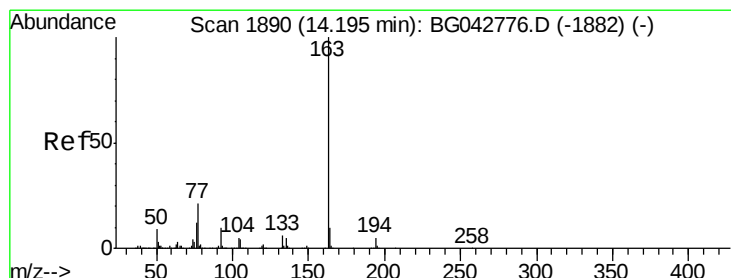
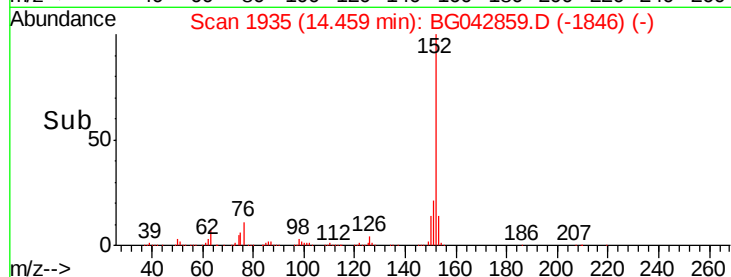
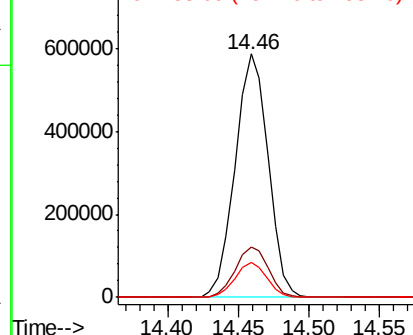
152 100

151 20.9 16.0 24.0

153 14.2 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: 41.636 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

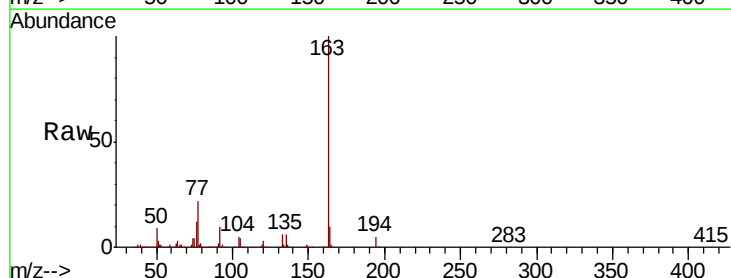
Tgt Ion:163 Resp: 887593

Ion Ratio Lower Upper

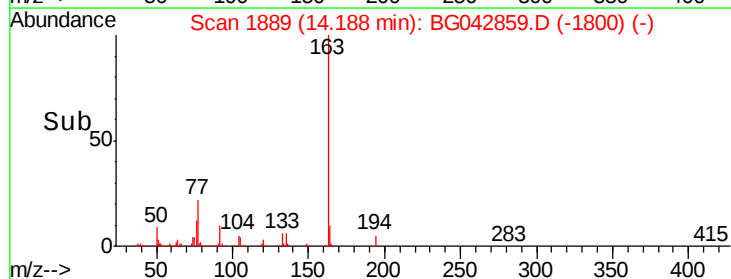
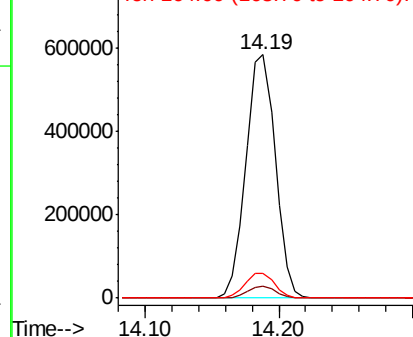
163 100

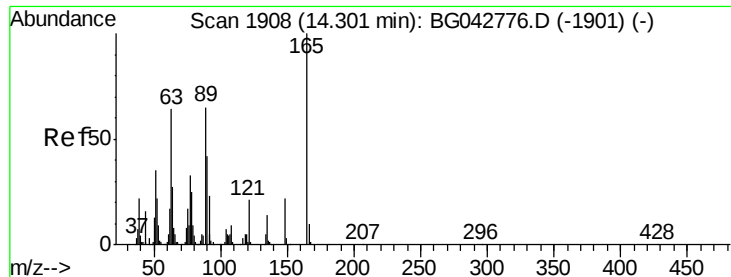
194 5.1 4.2 6.4

164 10.4 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: 39.216 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampled :

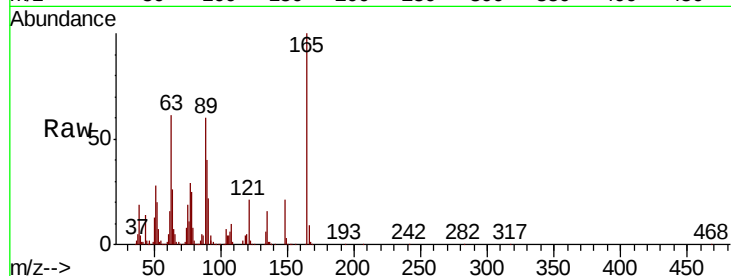
Tot Ion:165 Resp: 171540

Ion Ratio Lower Upper

165 100

63 61.3 52.1 78.1

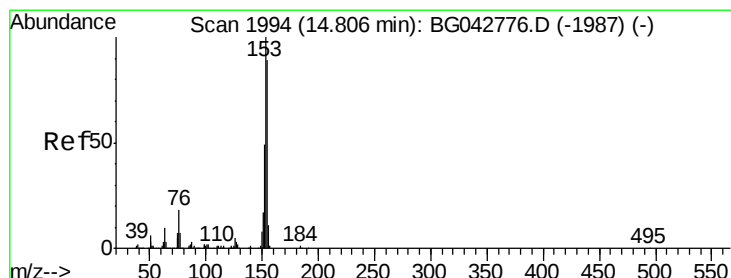
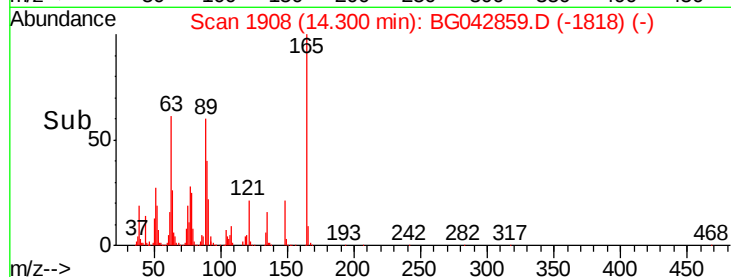
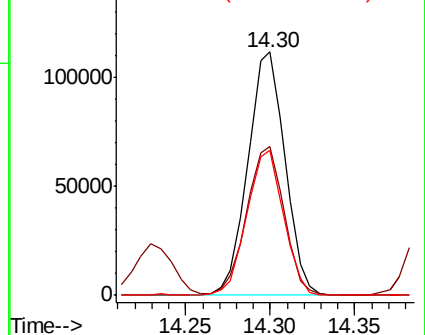
89 59.7 51.7 77.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 38.260 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

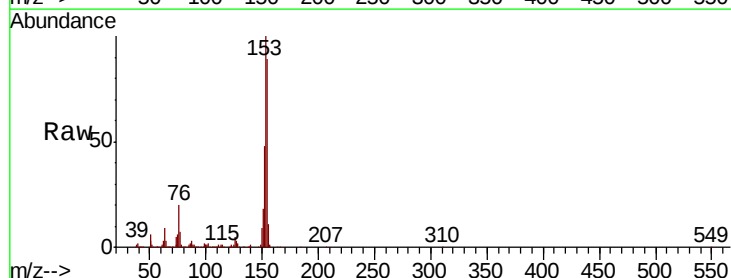
Tgt Ion:154 Resp: 629482

Ion Ratio Lower Upper

154 100

153 112.7 89.4 134.2

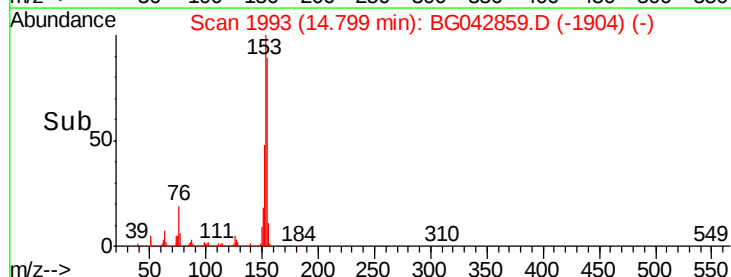
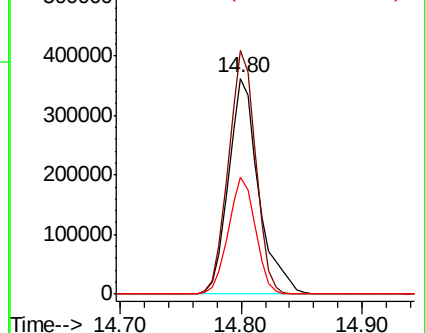
152 54.3 43.5 65.3

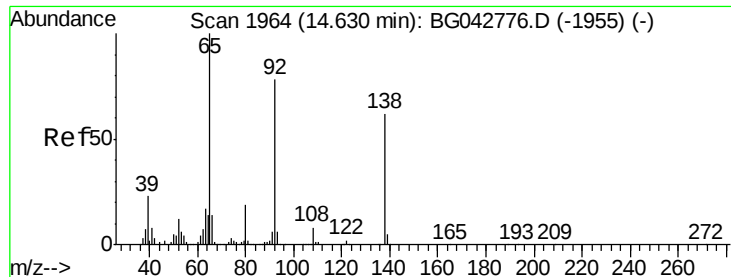


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

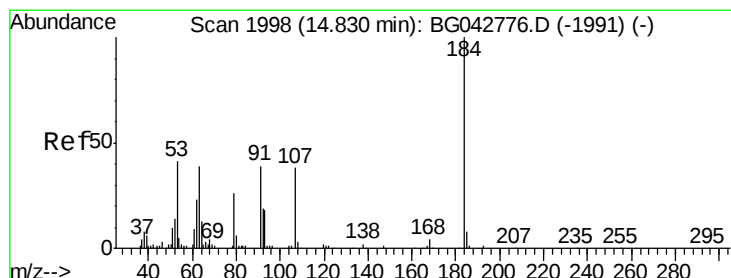
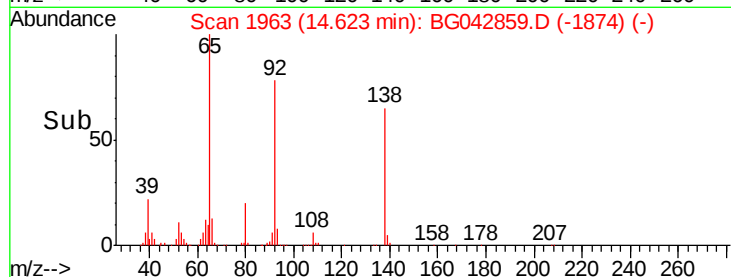
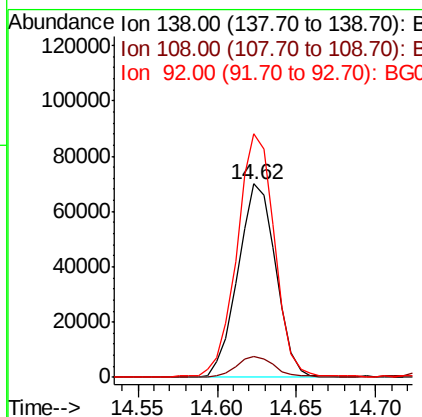
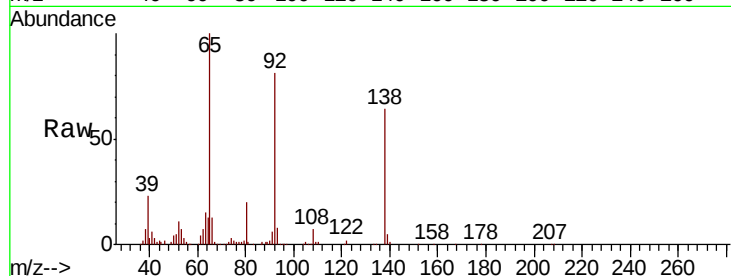




#53
3-Nitroaniline
Concen: 23.631 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

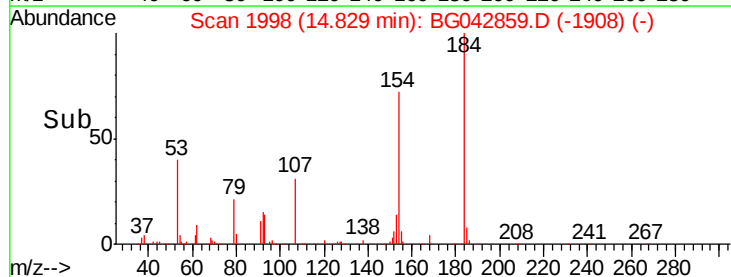
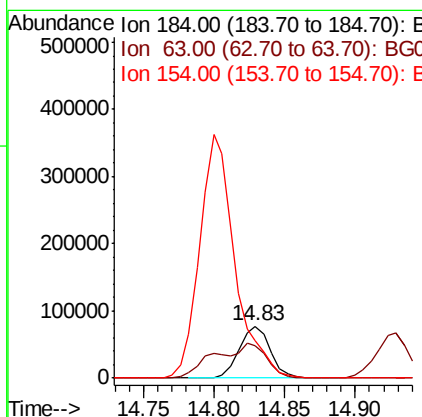
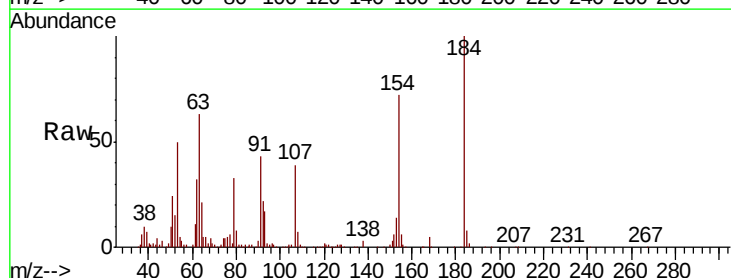
Instrument :
BNA_G
ClientSampled :

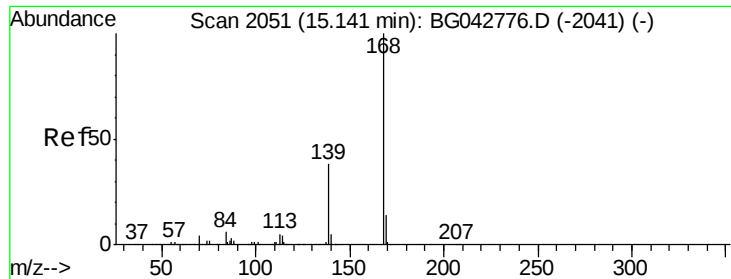
Tot Ion:138 Resp: 116011
Ion Ratio Lower Upper
138 100
108 11.1 10.7 16.1
92 126.0 100.5 150.7



#54
2,4-Dinitrophenol
Concen: 55.321 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion:184 Resp: 119126
Ion Ratio Lower Upper
184 100
63 63.3 46.2 69.4
154 71.6 81.3 121.9#

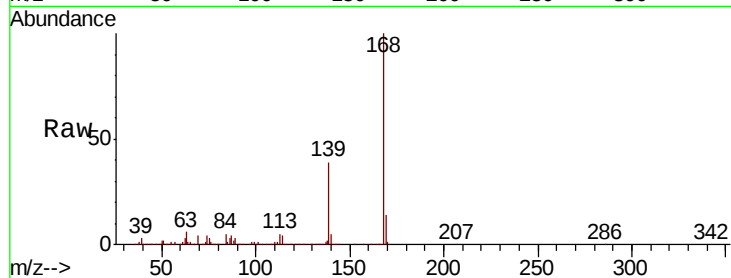




#55
Dibenzofuran
Concen: 37.225 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.2	45.4
169	14.4	11.2	16.8



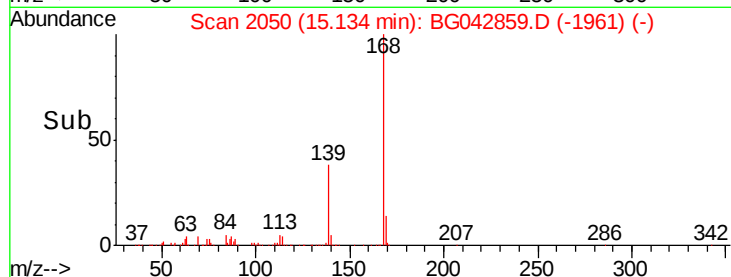
Abundance

Ion 168.00 (167.70 to 168.70): E

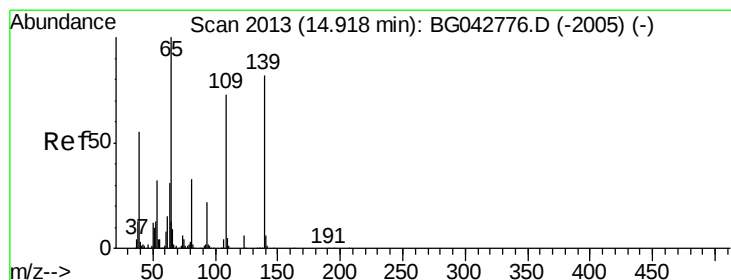
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

15.13

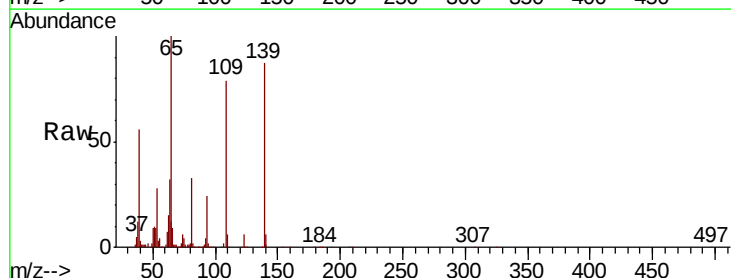


Time-->



#56
4-Nitrophenol
Concen: 79.386 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	90.0	69.4	109.4
65	114.4	102.5	142.5



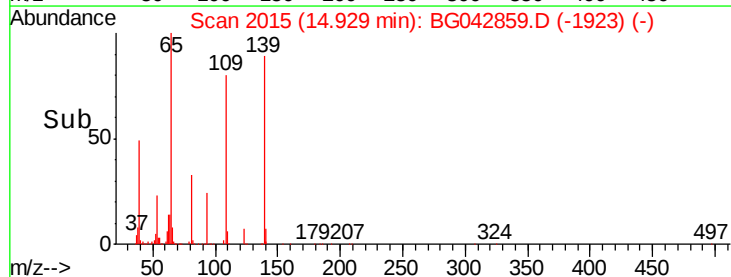
Abundance

Ion 139.00 (138.70 to 139.70): E

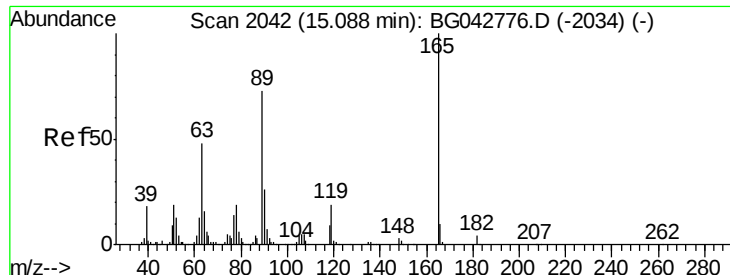
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

14.93



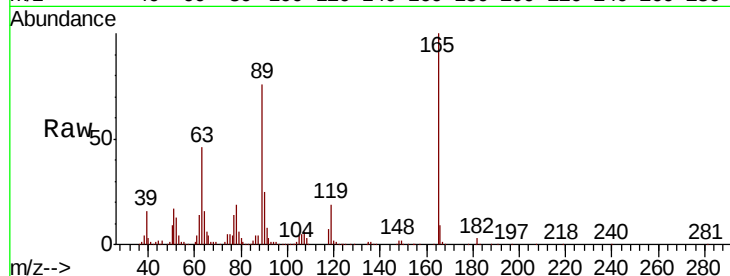
Time-->



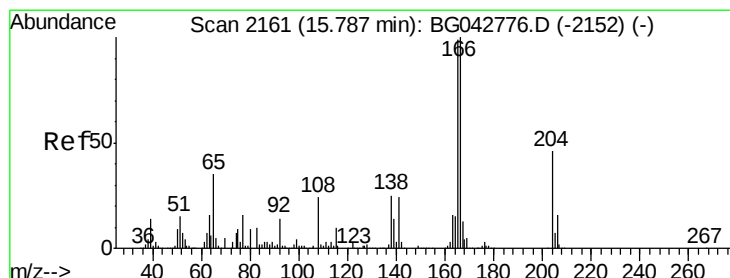
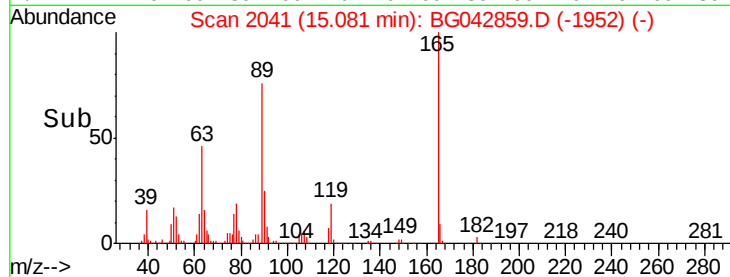
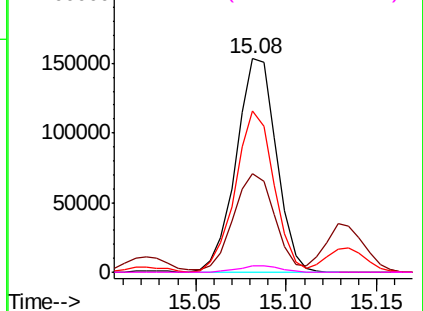
#57
 2,4-Dinitrotoluene
 Concen: 40.587 ng
 RT: 15.08 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	236640
Ion	Ratio	Lower Upper
165	100	
63	46.4	38.3 57.5
89	75.7	58.4 87.6
182	2.7	2.9 4.3#

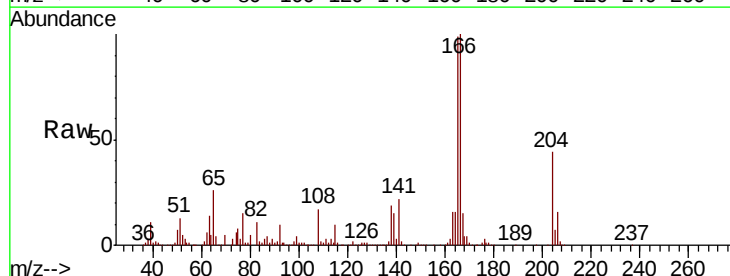


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

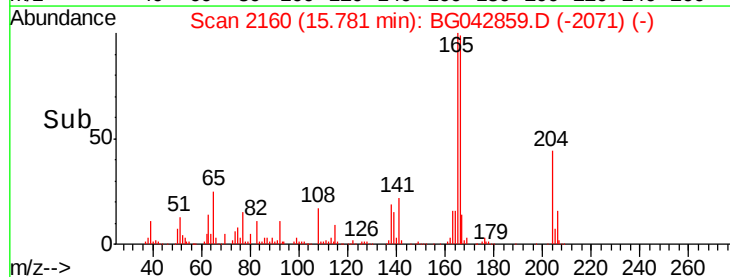
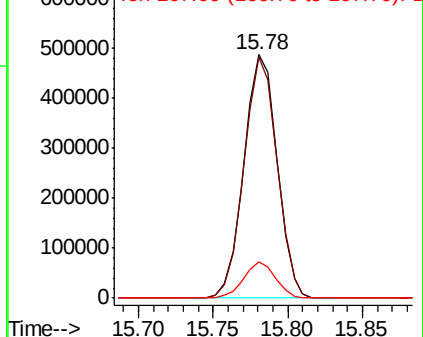


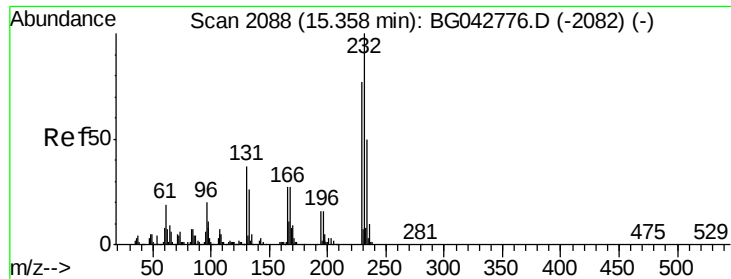
#58
 Fluorene
 Concen: 36.900 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Tgt Ion:166	Resp:	747856
Ion	Ratio	Lower Upper
166	100	
165	99.0	79.1 118.7
167	14.7	10.7 16.1



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

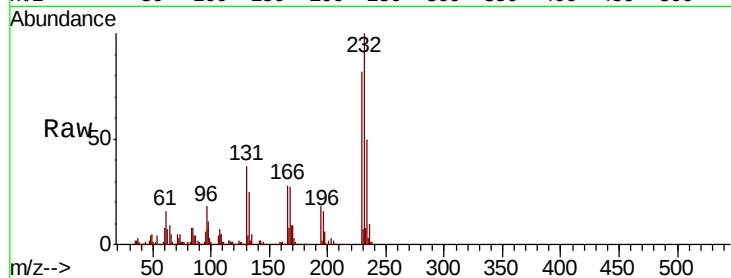




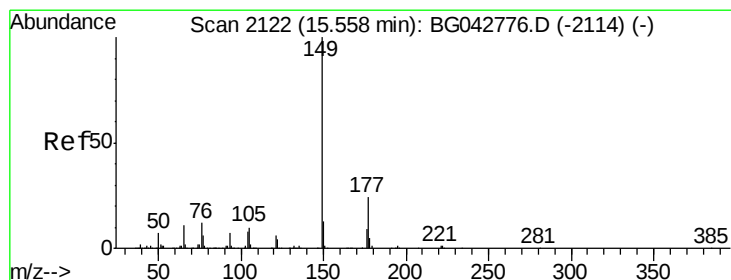
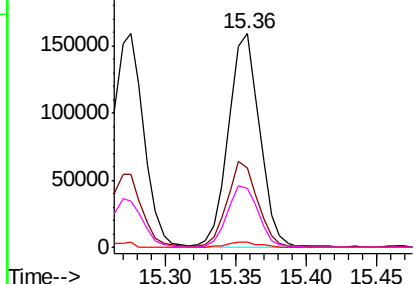
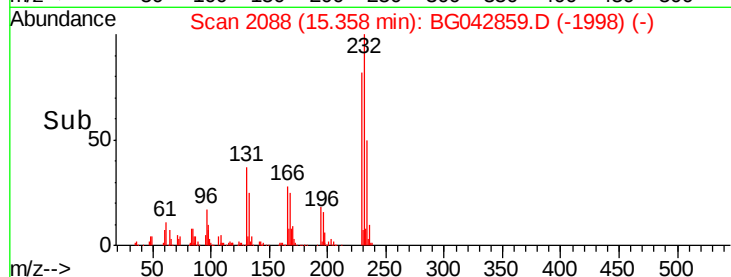
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.660 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	246535
Ion	Ratio	Lower	Upper
232	100		
131	39.1	31.1	46.7
130	2.5	1.8	2.6
166	28.1	21.7	32.5

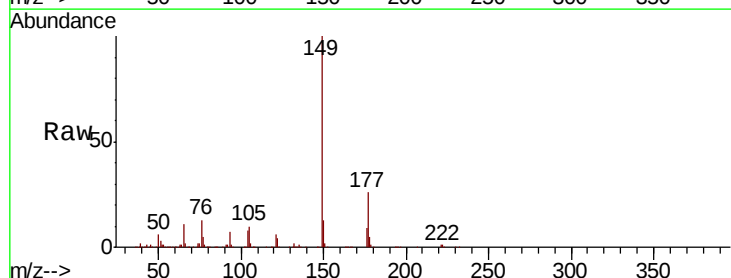


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

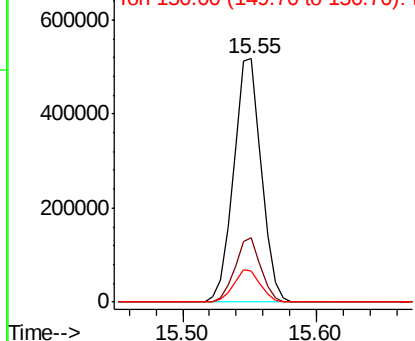
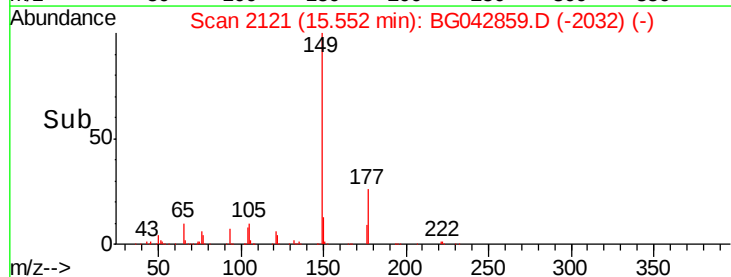


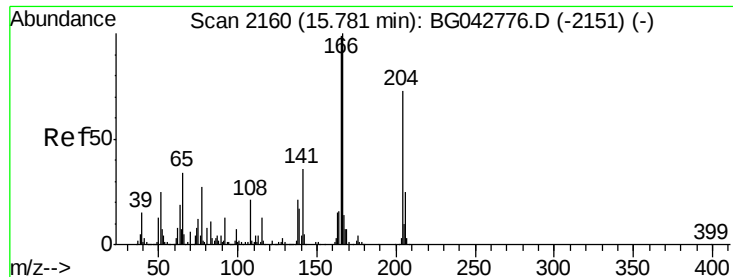
#60
 Diethylphthalate
 Concen: 34.401 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Tgt Ion:	149	Resp:	744409
Ion	Ratio	Lower	Upper
149	100		
177	26.3	19.4	29.0
150	12.9	10.2	15.4



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

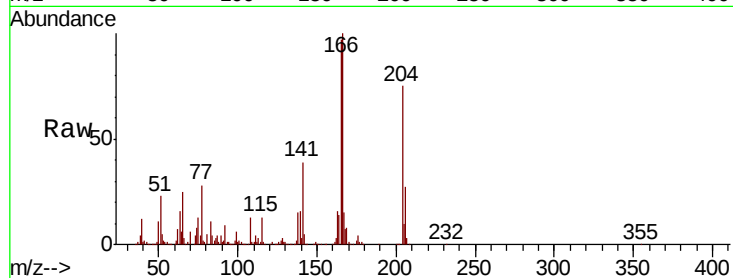




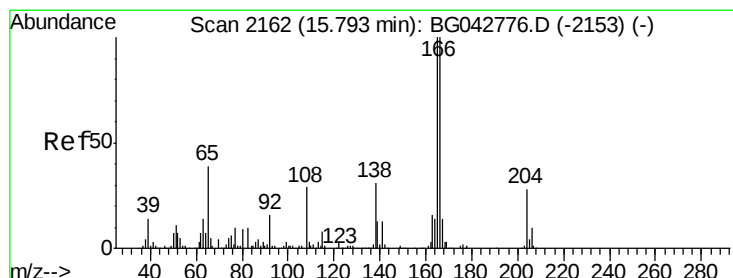
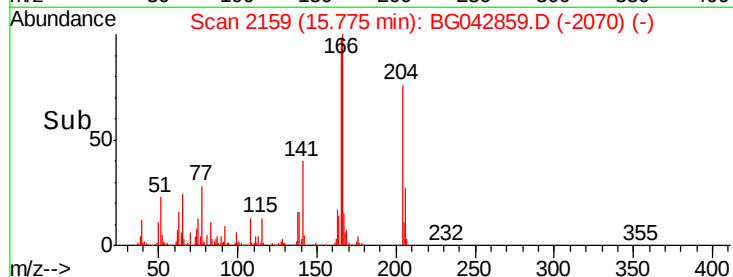
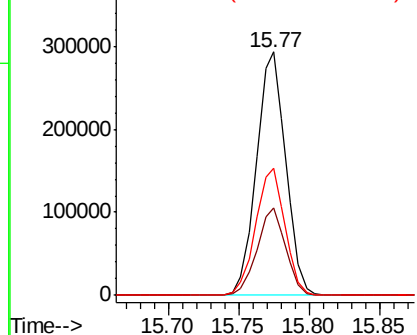
#61
4-Chlorophenyl-phenylether
Concen: 35.581 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 426382
Ion Ratio Lower Upper
204 100
206 35.7 27.6 41.4
141 52.2 39.8 59.6

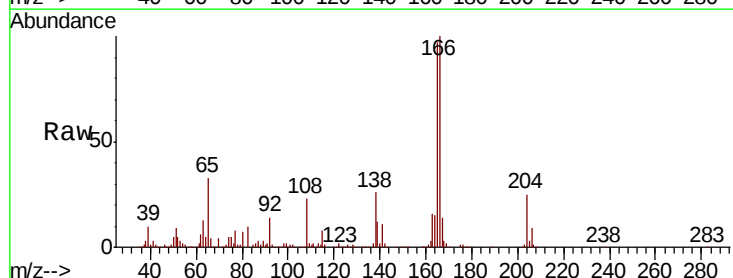


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

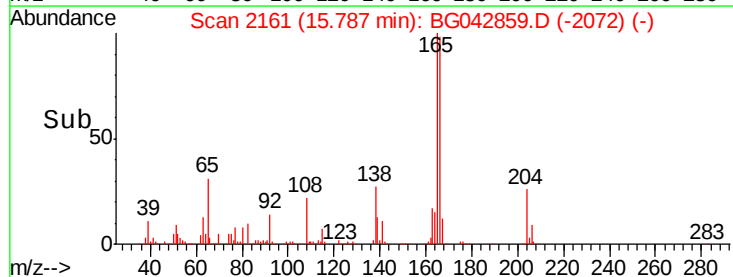
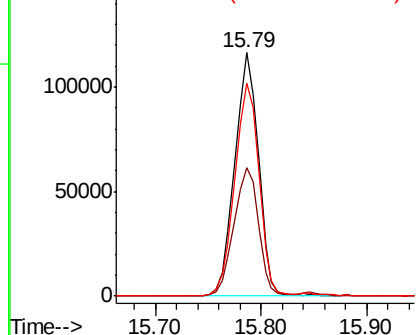


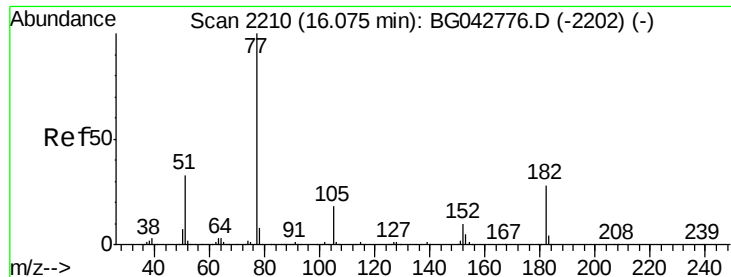
#62
4-Nitroaniline
Concen: 34.082 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion:138 Resp: 180354
Ion Ratio Lower Upper
138 100
92 52.9 31.4 71.4
108 87.7 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

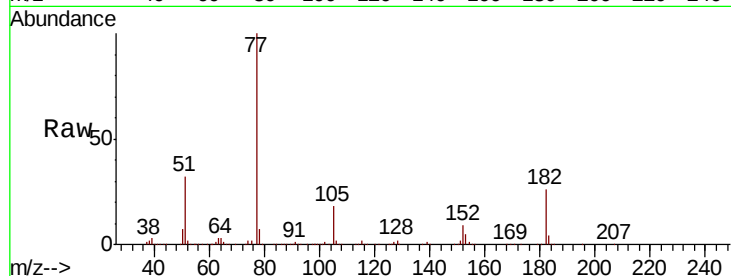




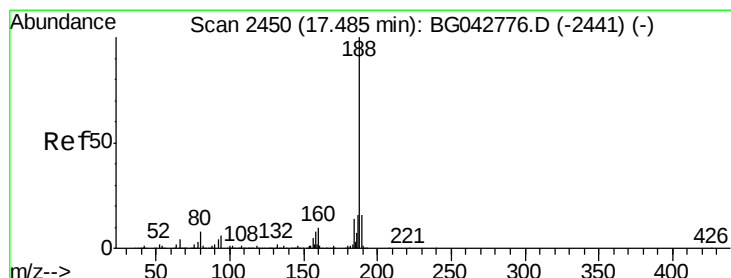
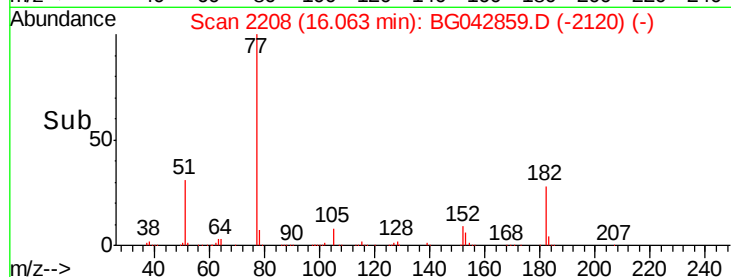
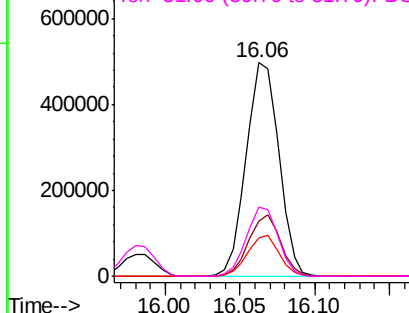
#63
Azobenzene
Concen: 36.276 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	755919
Ion	Ratio	Lower	Upper
77	100		
182	26.1	8.1	48.1
105	18.1	0.0	38.1
51	32.3	12.9	52.9

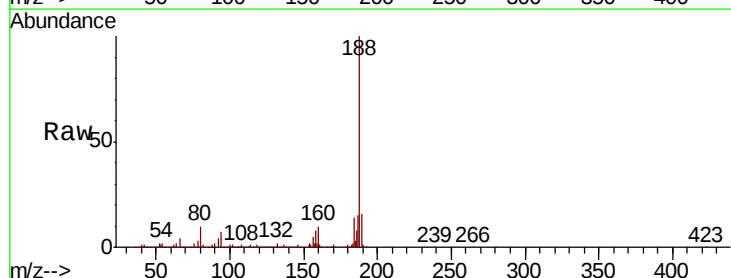


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

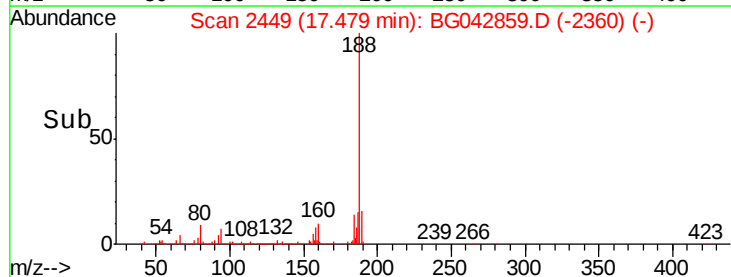
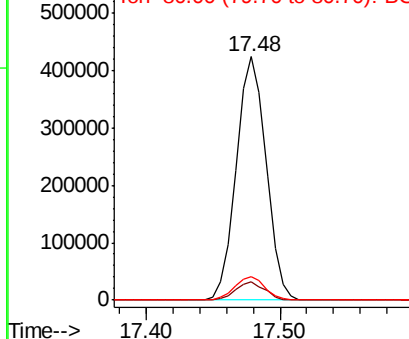


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion:	188	Resp:	655785
Ion	Ratio	Lower	Upper
188	100		
94	7.4	4.8	7.2#
80	9.7	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

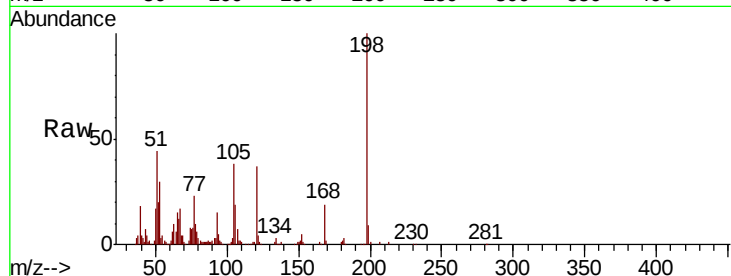




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.859 ng
 RT: 15.85 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	198	Resp	103425
Ion	Ratio	Lower	Upper
198	100		
51	43.5	20.9	60.9
105	37.9	16.4	56.4

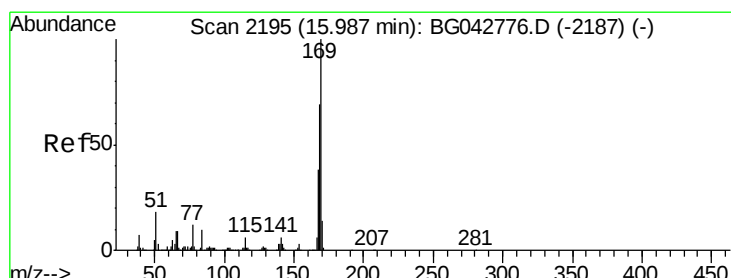
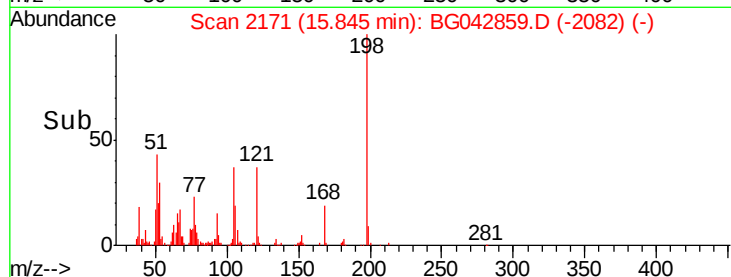
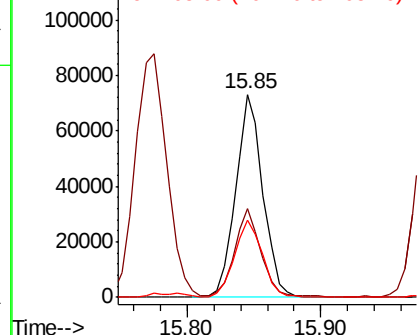


Abundance

Ion 198.00 (197.70 to 198.70): E

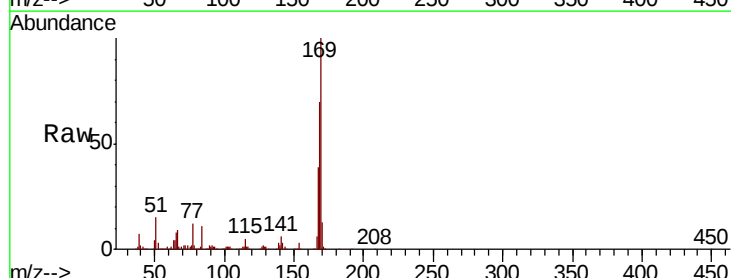
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 38.185 ng
 RT: 15.99 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Tgt Ion	169	Resp	673831
Ion	Ratio	Lower	Upper
169	100		
168	69.8	55.4	83.2
167	39.2	30.4	45.6

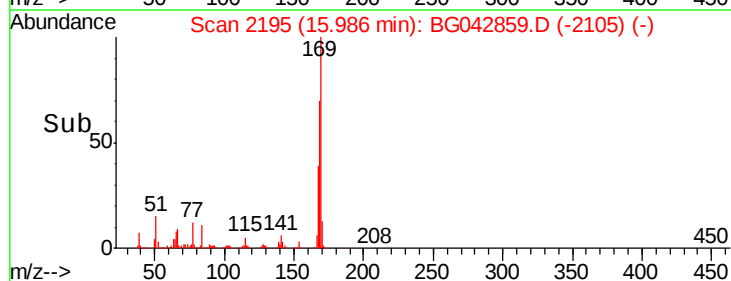
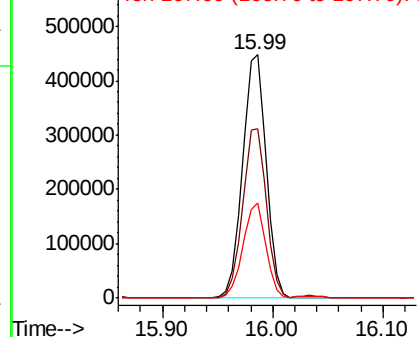


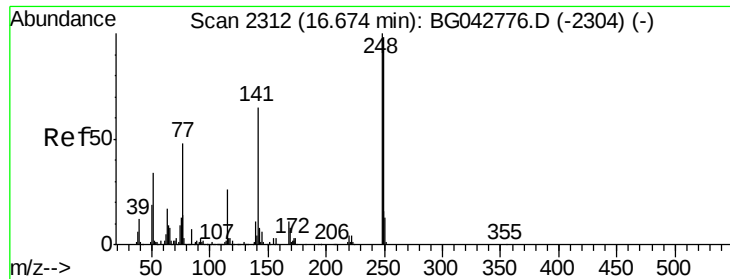
Abundance

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

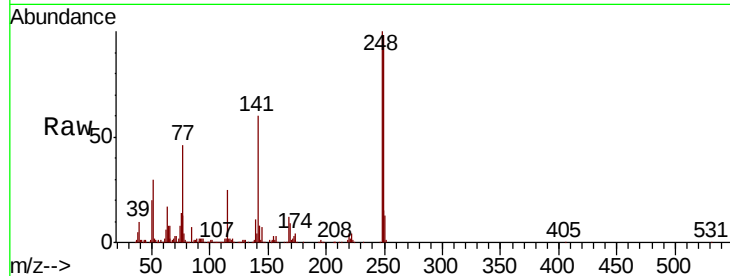




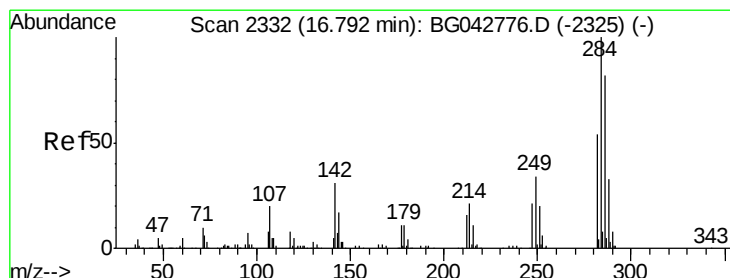
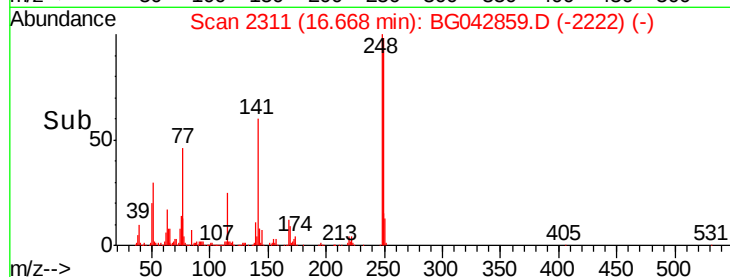
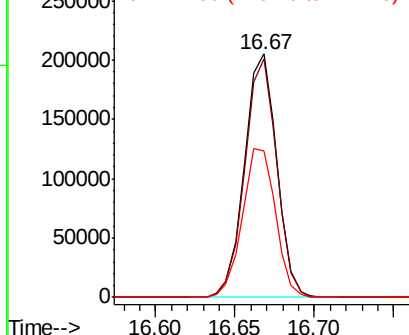
#67
4-Bromophenyl-phenylether
Concen: 36.490 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 289634
Ion Ratio Lower Upper
248 100
250 98.0 78.0 117.0
141 60.1 51.8 77.6

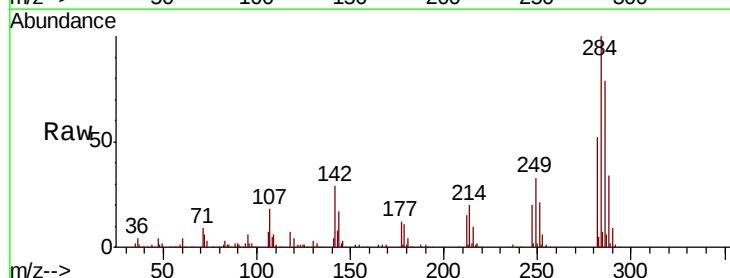


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

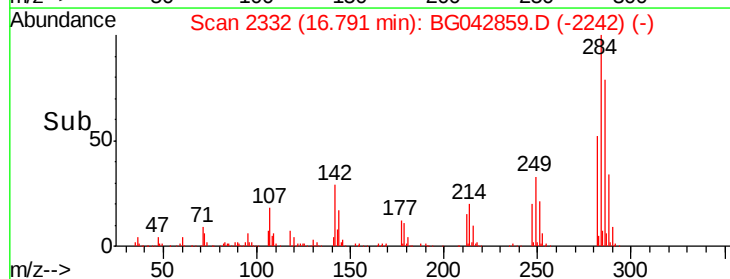
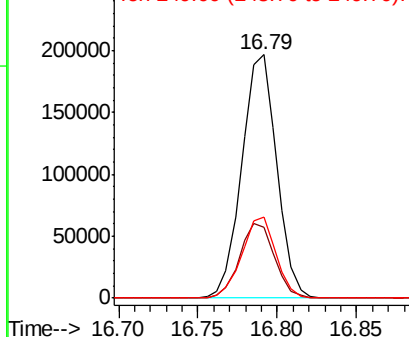


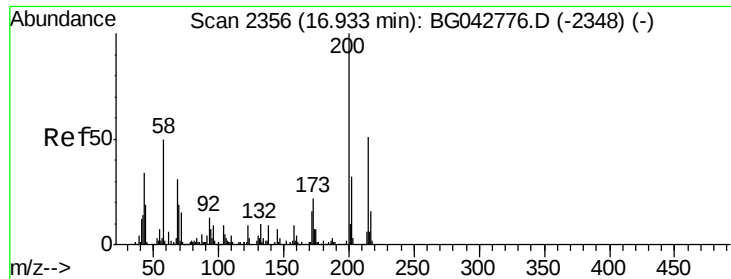
#68
Hexachlorobenzene
Concen: 35.366 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion:284 Resp: 299950
Ion Ratio Lower Upper
284 100
142 29.1 24.7 37.1
249 33.1 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: 42.022 ng

RT: 16.93 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampled :

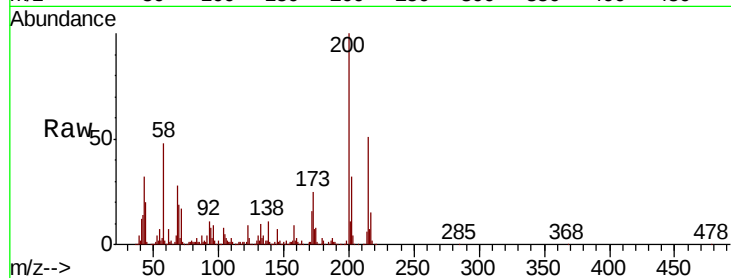
Tot Ion:200 Resp: 258231

Ion Ratio Lower Upper

200 100

173 24.6 2.5 42.5

215 50.8 31.0 71.0

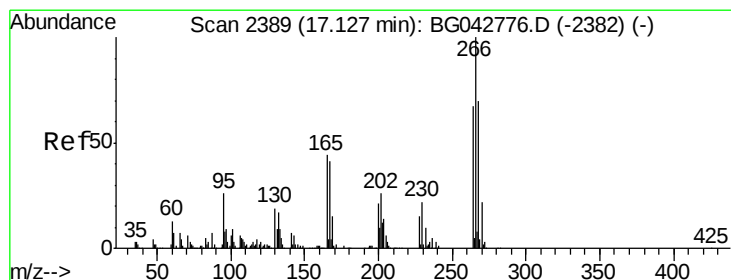
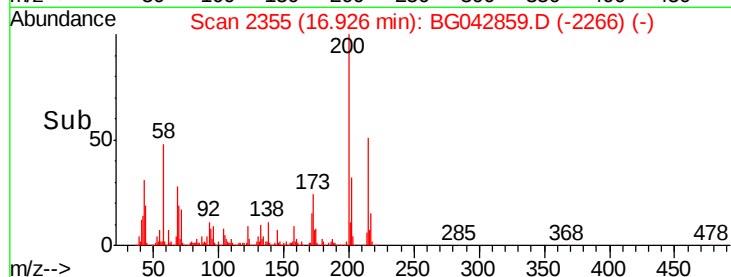
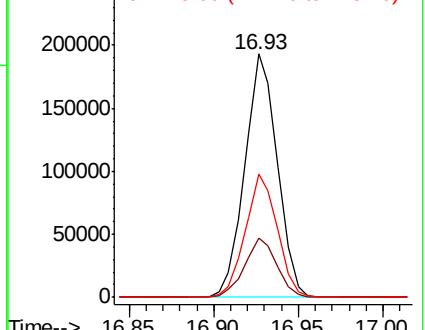


Abundance

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: 79.080 ng

RT: 17.13 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

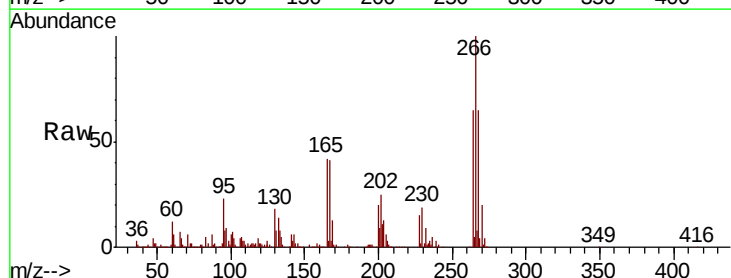
Tgt Ion:266 Resp: 397884

Ion Ratio Lower Upper

266 100

268 65.4 56.2 84.4

264 65.2 53.4 80.2

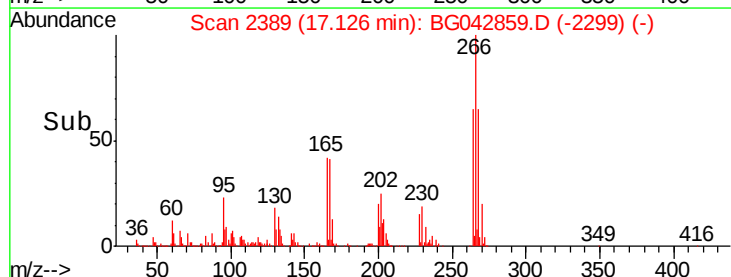
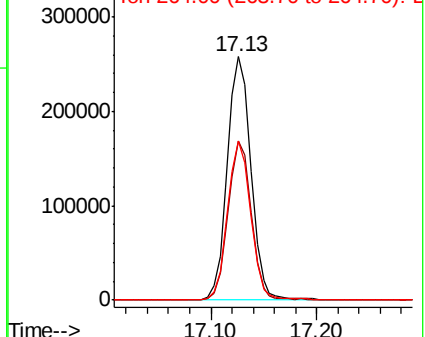


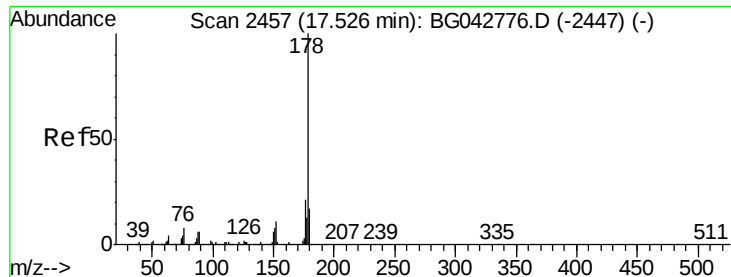
Abundance

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

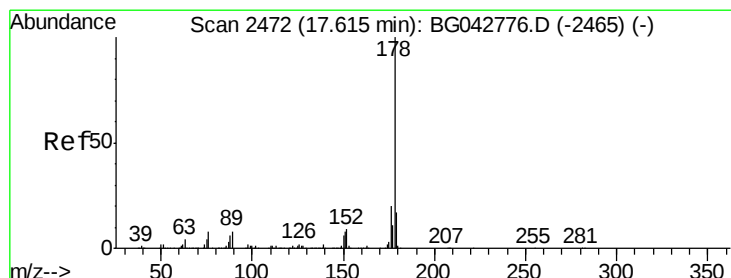
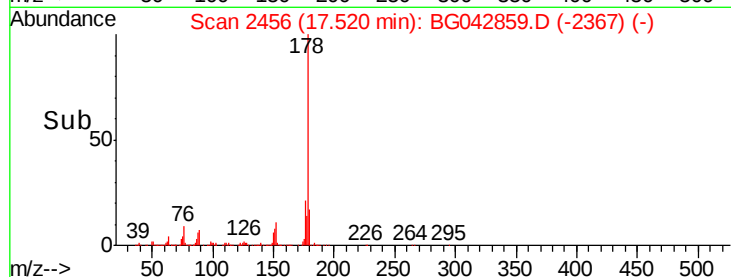
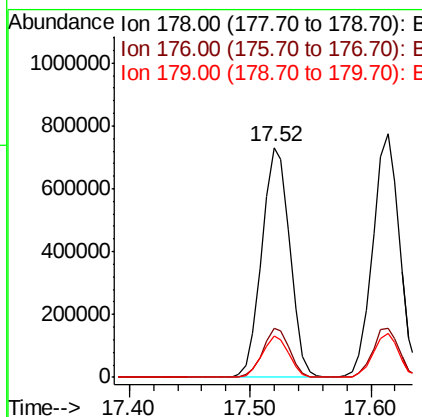
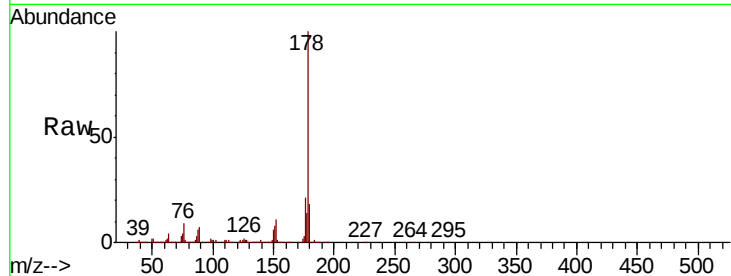




#71
Phenanthrene
Concen: 37.274 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

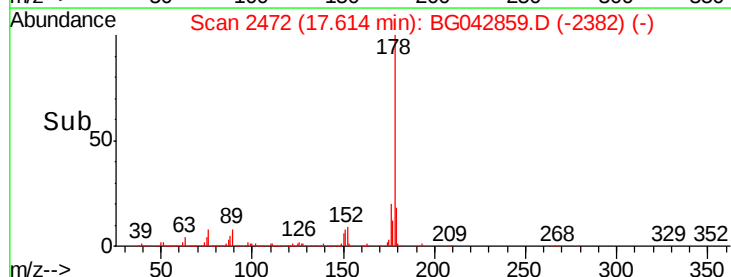
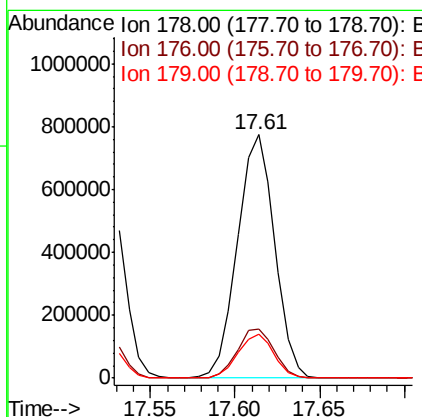
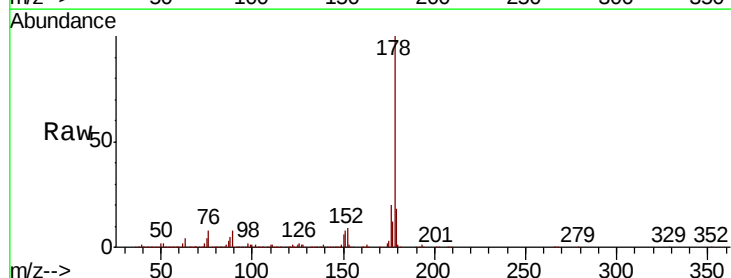
Instrument :
BNA_G
ClientSampleId :

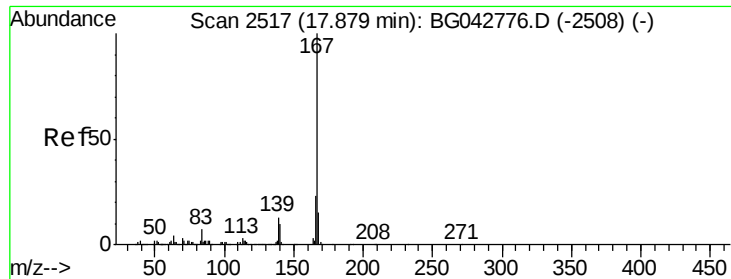
Tot Ion:178 Resp: 1169002
Ion Ratio Lower Upper
178 100
176 21.1 17.0 25.4
179 18.0 13.6 20.4



#72
Anthracene
Concen: 37.736 ng
RT: 17.61 min Scan# 2472
Delta R.T. -0.00 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion:178 Resp: 1182366
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 18.2 13.6 20.4

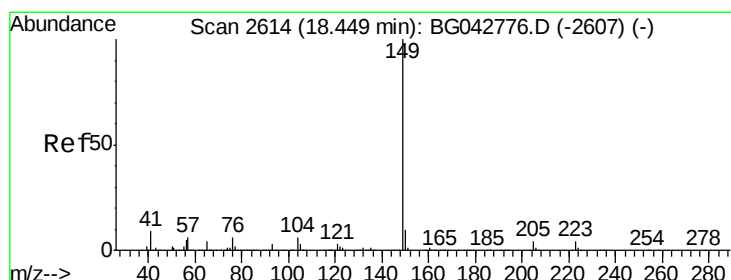
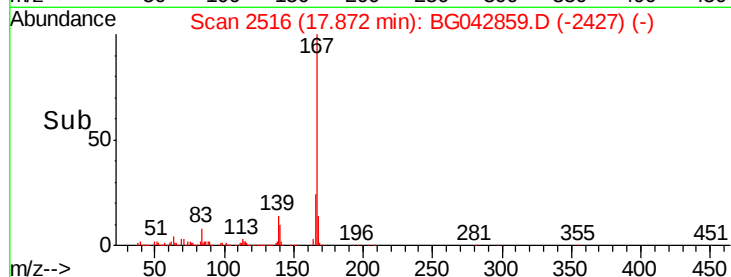
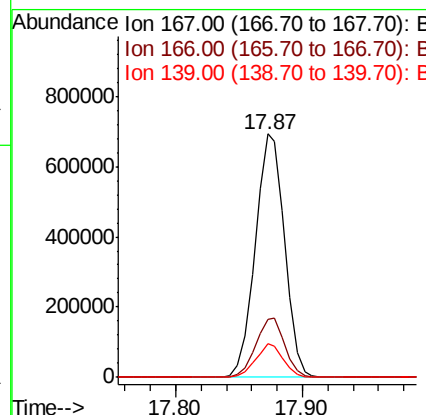
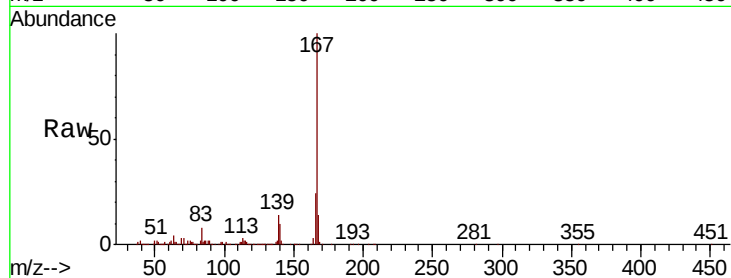




#73
 Carbazole
 Concen: 37.259 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

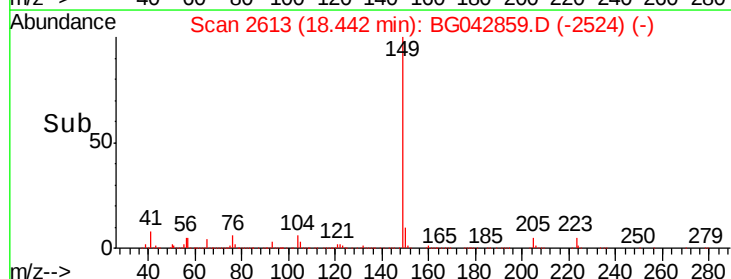
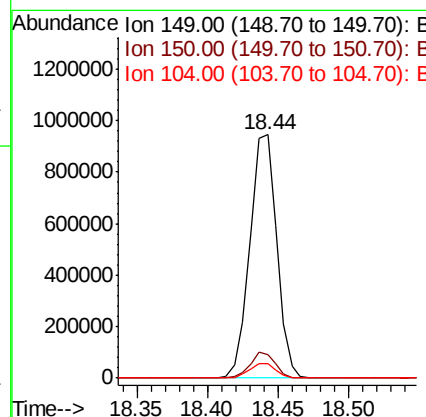
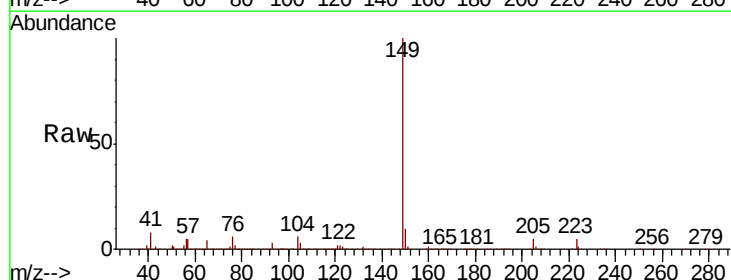
Instrument :
 BNA_G
 ClientSampleId :

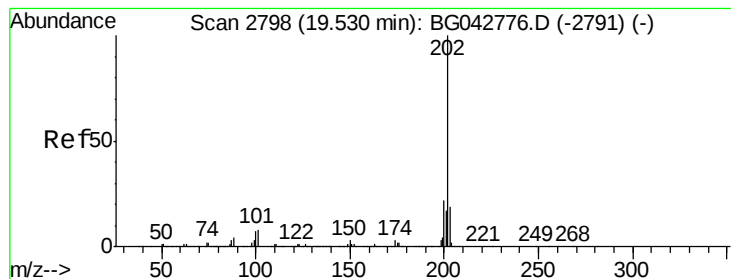
Tot Ion:167 Resp: 1109576
 Ion Ratio Lower Upper
 167 100
 166 23.9 18.3 27.5
 139 13.7 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 35.548 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Tgt Ion:149 Resp: 1268137
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.0 12.0
 104 6.1 5.1 7.7





#75

Fluoranthene

Concen: 36.410 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampleId :

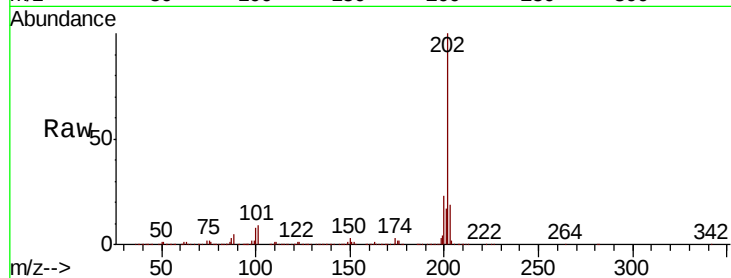
Tot Ion:202 Resp: 1479944

Ion Ratio Lower Upper

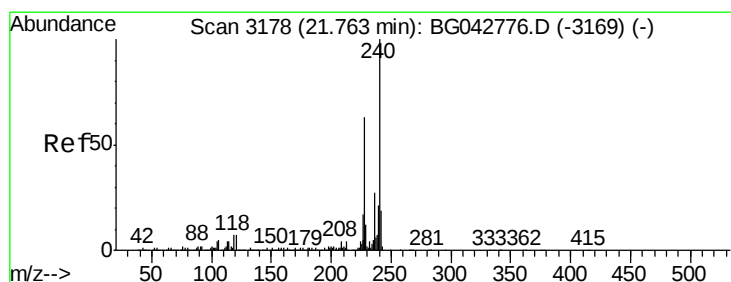
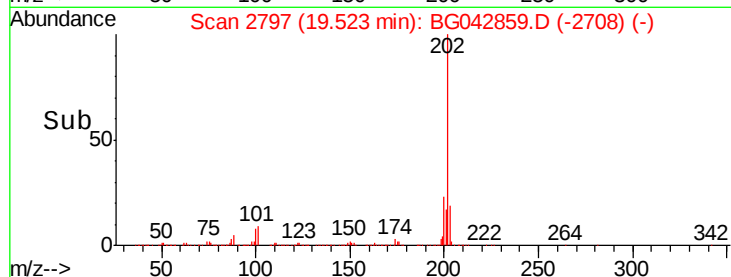
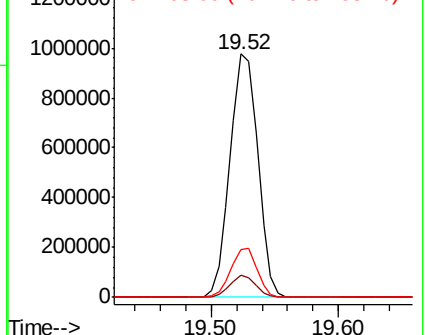
202 100

101 9.0 0.0 27.8

203 19.4 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: BG042859.D

Acq: 16 Sep 2019 21:45

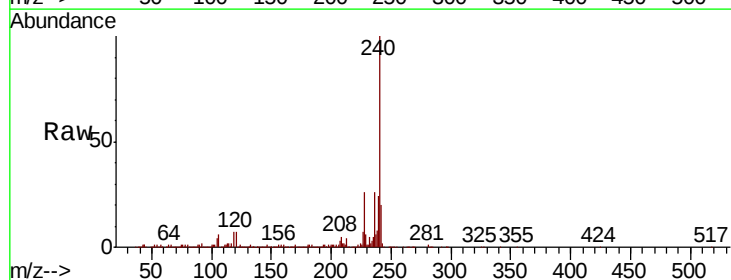
Tgt Ion:240 Resp: 629926

Ion Ratio Lower Upper

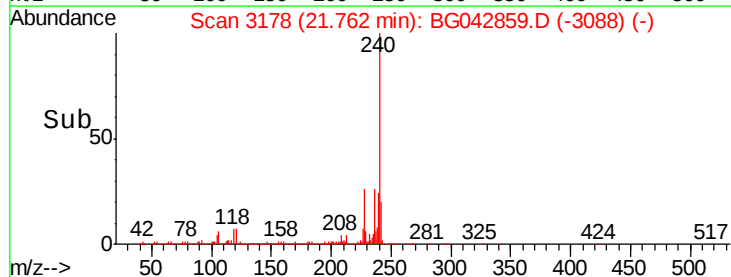
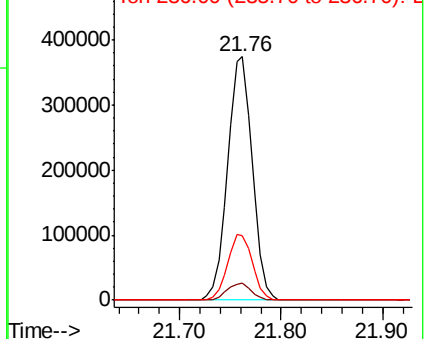
240 100

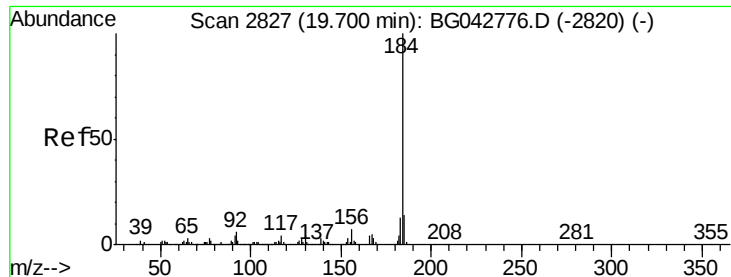
120 6.9 5.4 8.2

236 26.5 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: 31.129 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

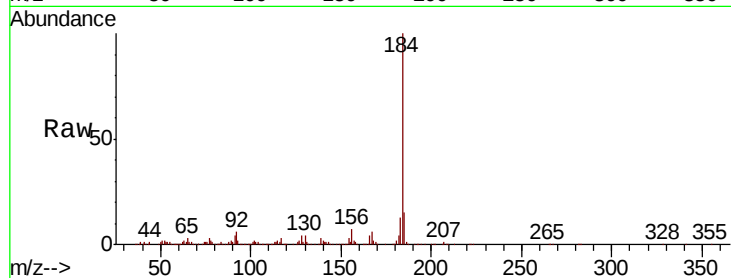
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 547855

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.6	17.4
183	13.2	10.4	15.6

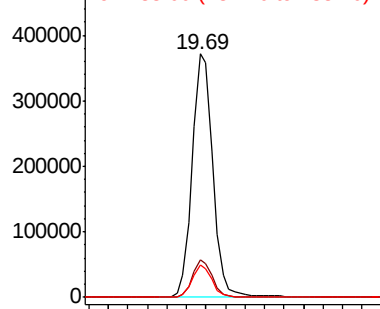


Abundance

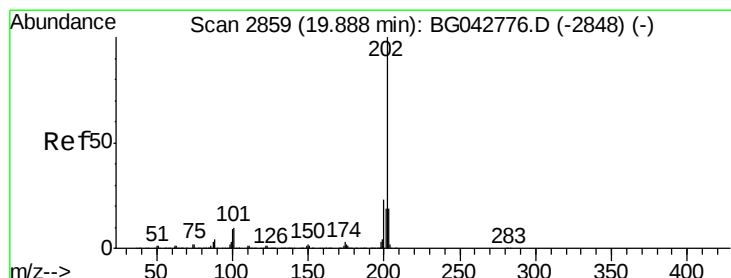
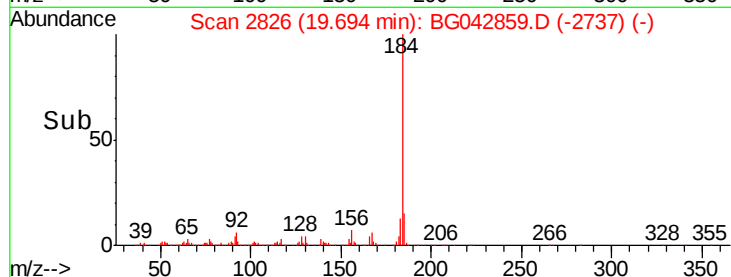
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 37.593 ng

RT: 19.89 min Scan# 2859

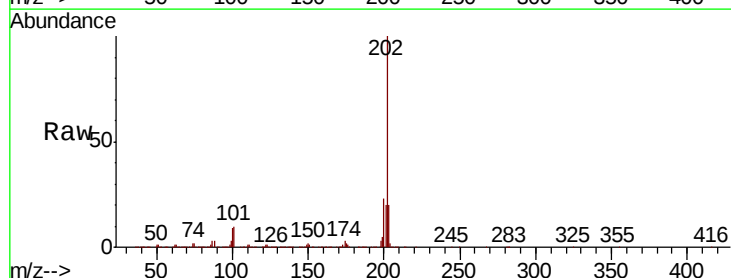
Delta R.T. -0.00 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Tgt Ion:202 Resp: 1482580

Ion	Ratio	Lower	Upper
202	100		
200	23.5	18.5	27.7
203	19.6	15.3	22.9

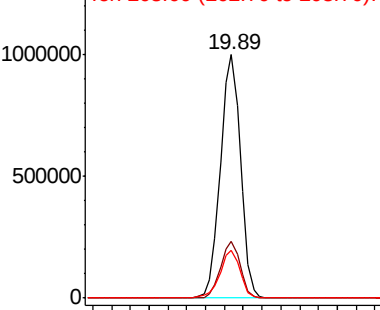


Abundance

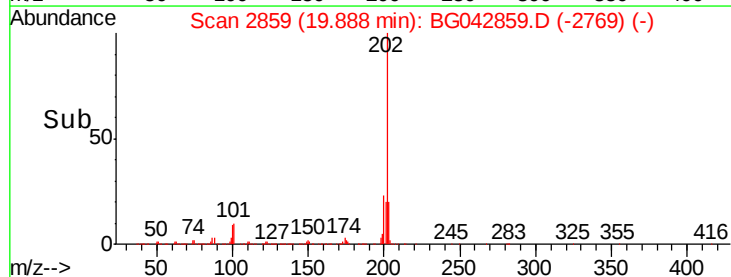
Ion 202.00 (201.70 to 202.70): E

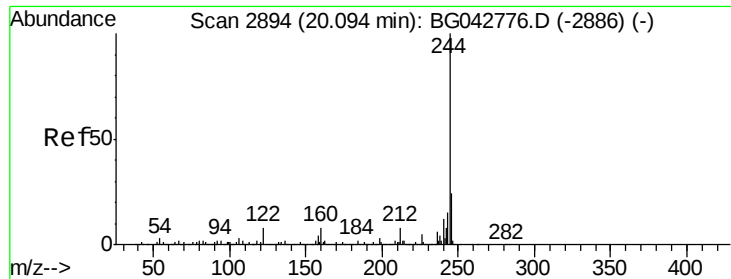
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 62.135 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampleId :

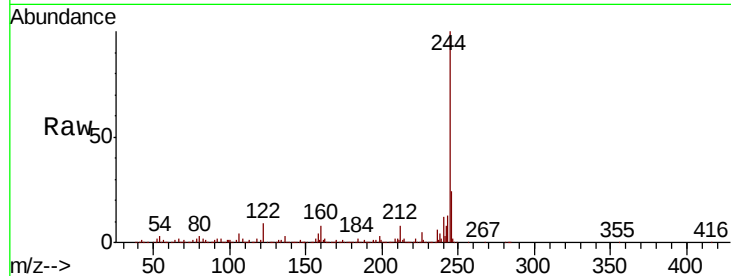
Tot Ion:244 Resp: 1766044

Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

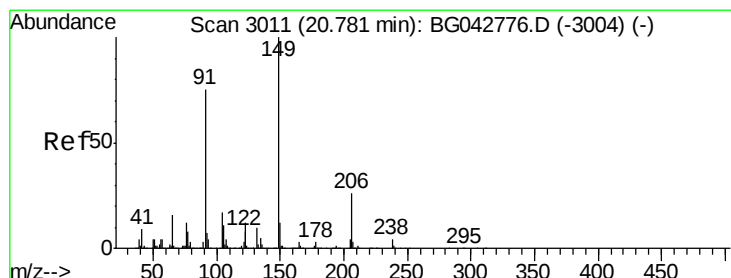
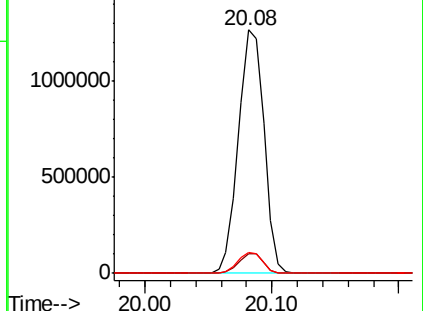
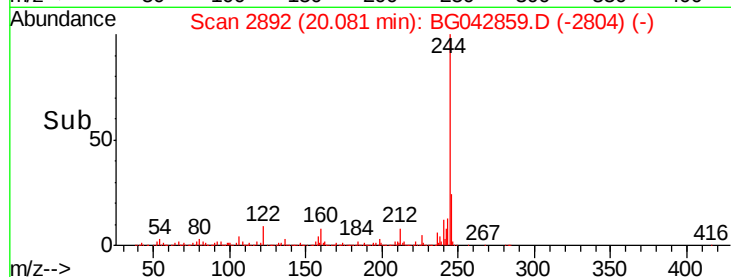
122 8.5 6.2 9.4



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: 36.889 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

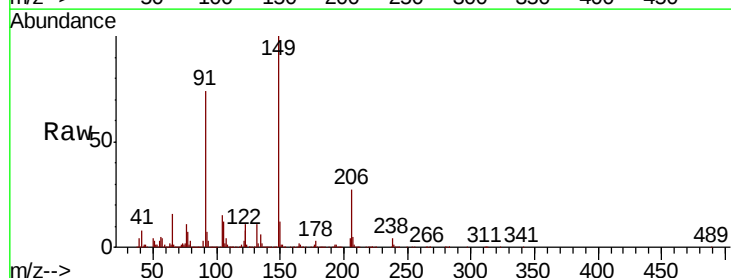
Tgt Ion:149 Resp: 588781

Ion Ratio Lower Upper

149 100

91 73.7 60.2 90.2

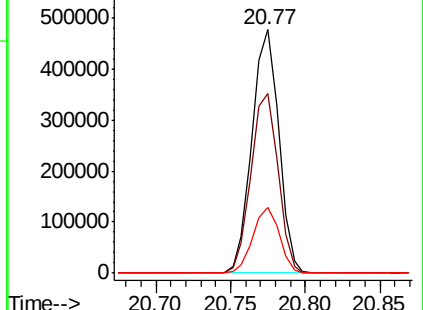
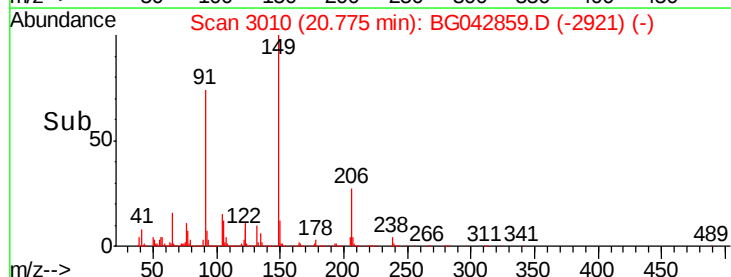
206 26.8 20.6 30.8

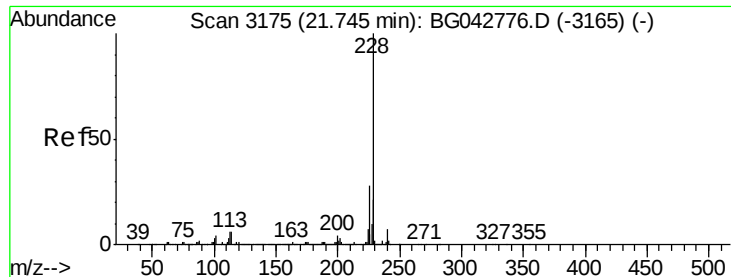


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.298 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

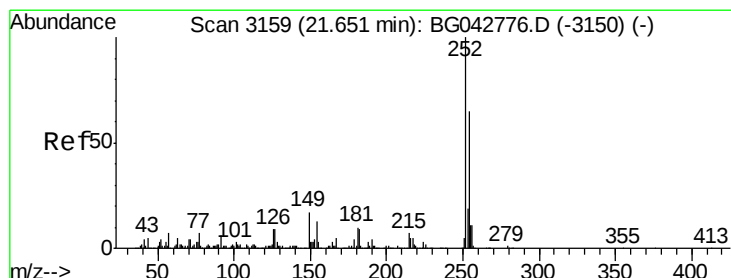
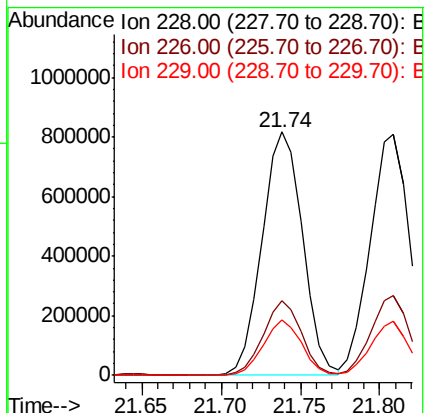
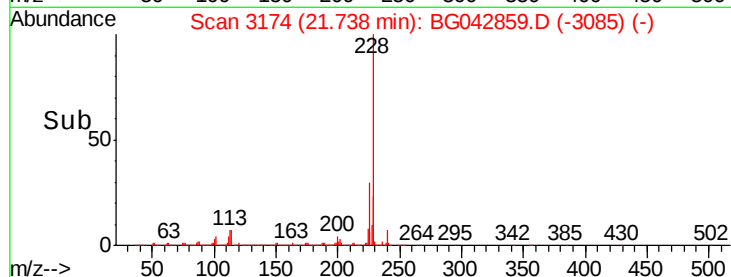
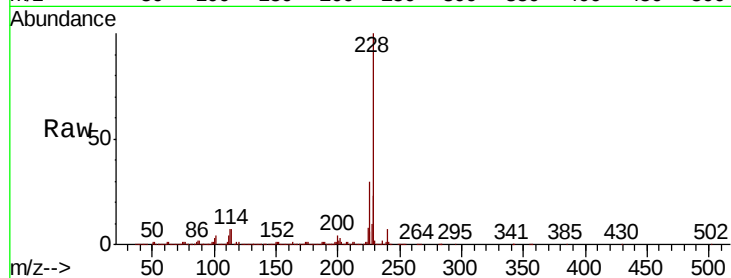
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1453781

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.5	33.7
229	22.6	17.2	25.8



#82

3,3'-Dichlorobenzidine

Concen: 24.983 ng

RT: 21.65 min Scan# 3159

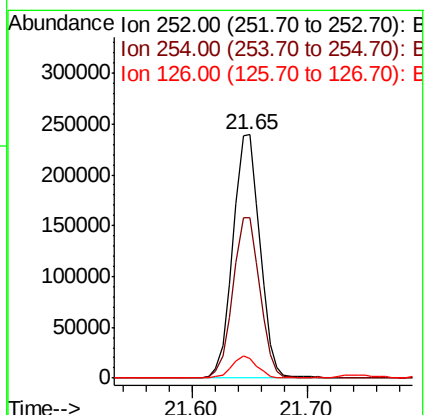
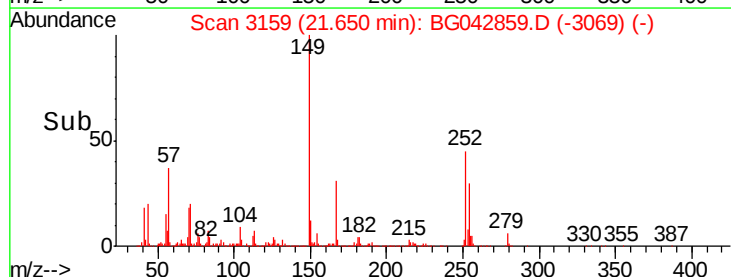
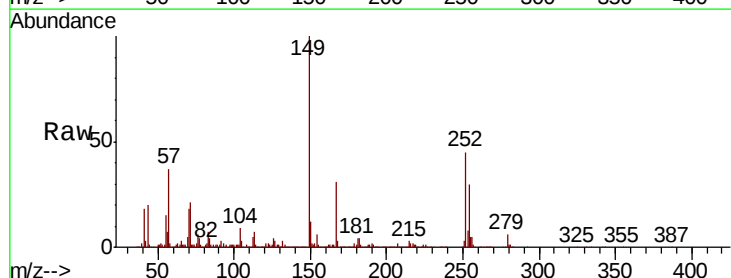
Delta R.T. -0.00 min

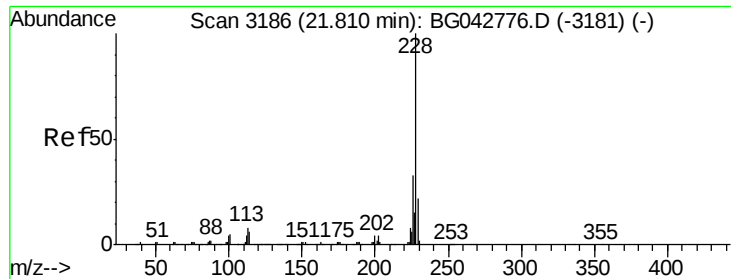
Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Tgt Ion:252 Resp: 388857

Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.2	78.2
126	8.0	7.0	10.4





#83

Chrysene

Concen: 36.764 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampleId :

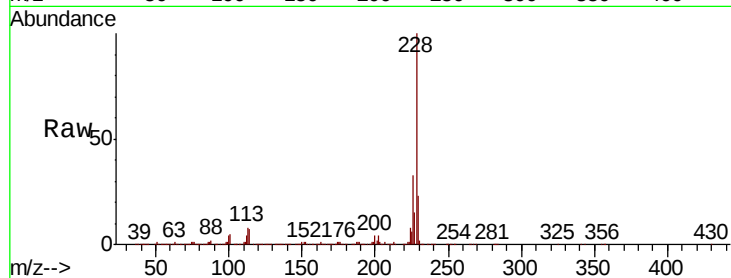
Tot Ion:228 Resp: 1394765

Ion Ratio Lower Upper

228 100

226 33.0 26.0 39.0

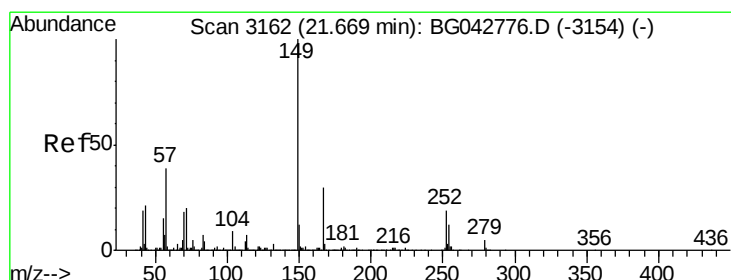
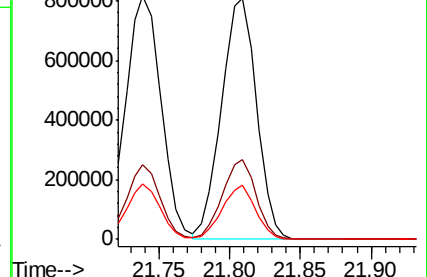
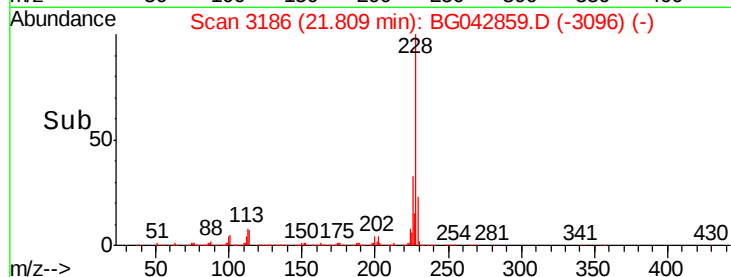
229 22.7 17.1 25.7



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: 37.095 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

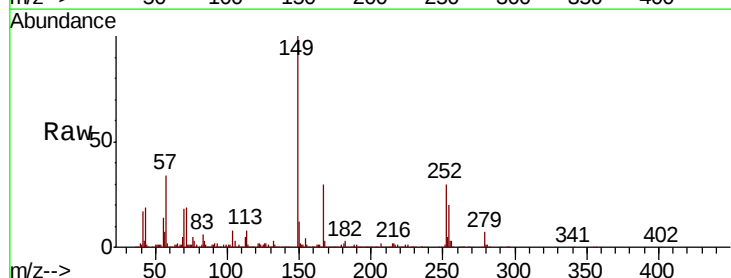
Tgt Ion:149 Resp: 808978

Ion Ratio Lower Upper

149 100

167 30.5 24.3 36.5

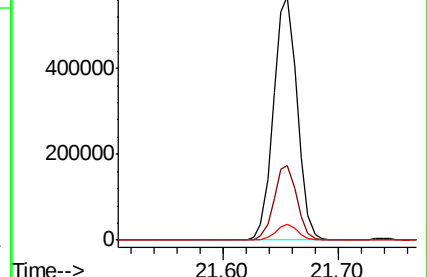
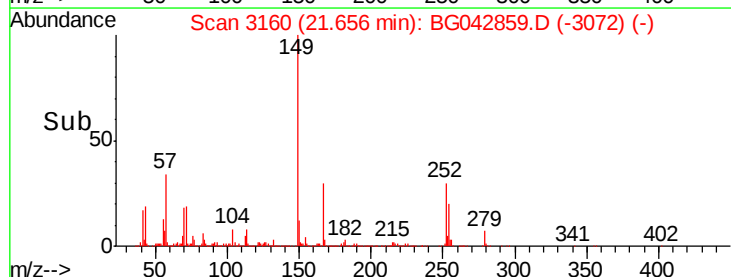
279 6.6 4.2 6.4#

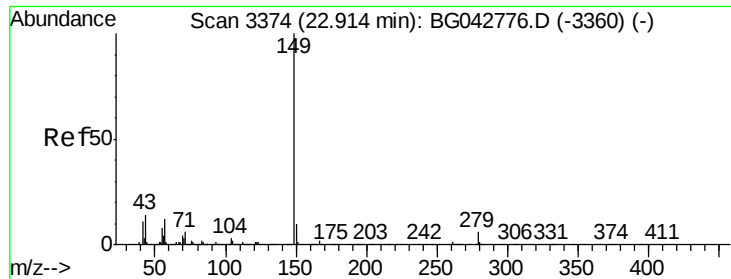


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.488 ng

RT: 22.89 min Scan# 3370

Delta R.T. -0.02 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampled :

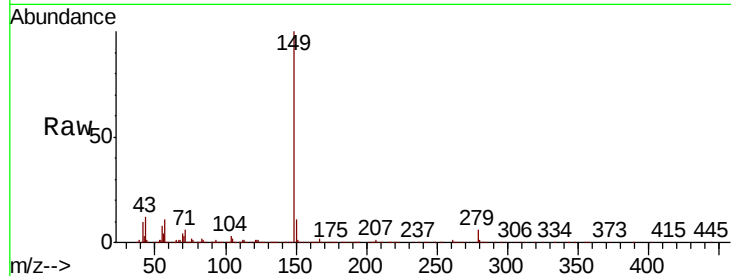
Tot Ion:149 Resp: 1393708

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

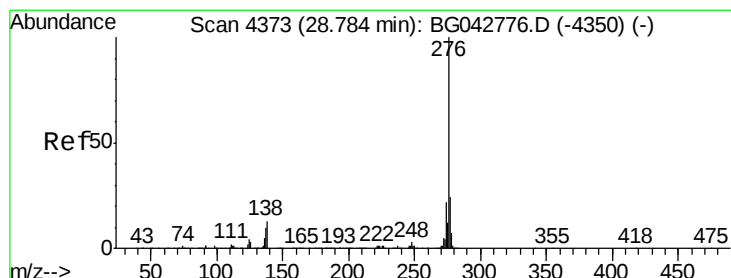
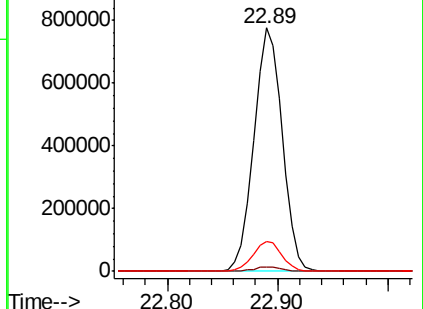
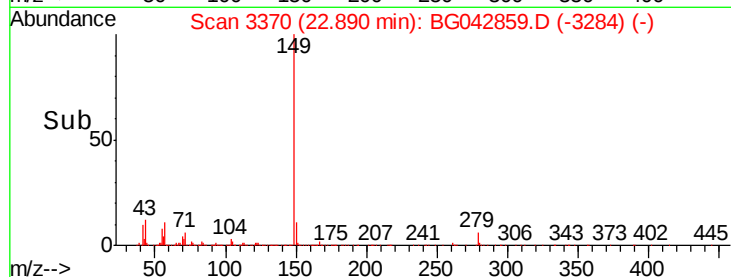
43 12.2 10.6 15.8



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: 37.326 ng

RT: 28.78 min Scan# 4372

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

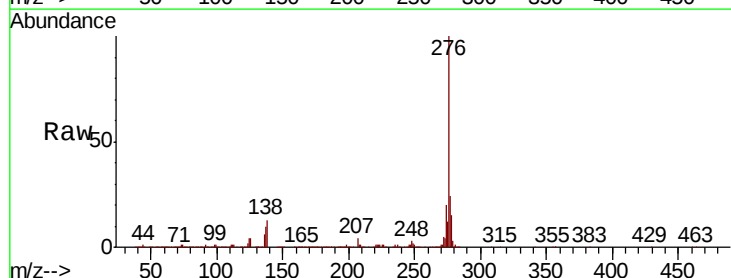
Tgt Ion:276 Resp: 1753641

Ion Ratio Lower Upper

276 100

138 11.9 9.3 13.9

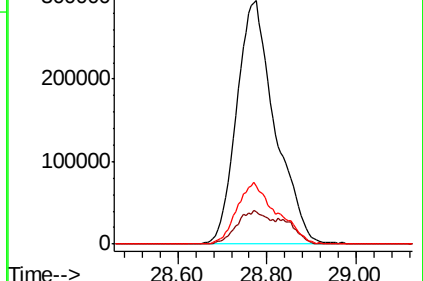
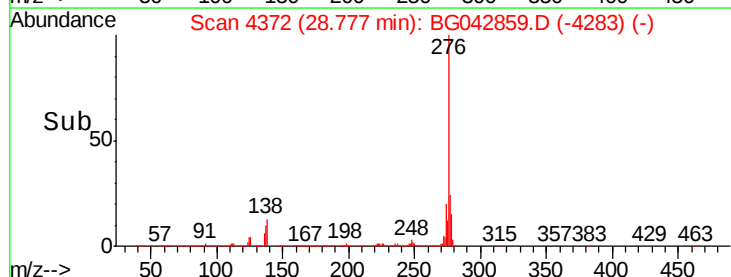
277 26.4 17.2 25.8#

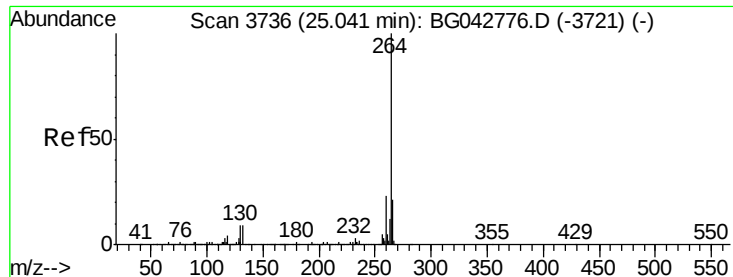


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

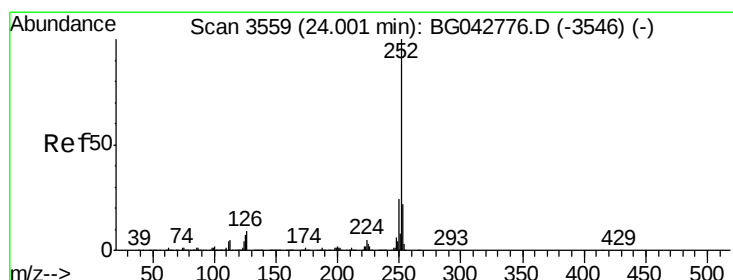
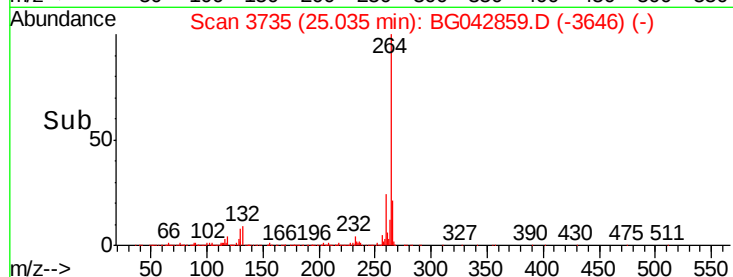
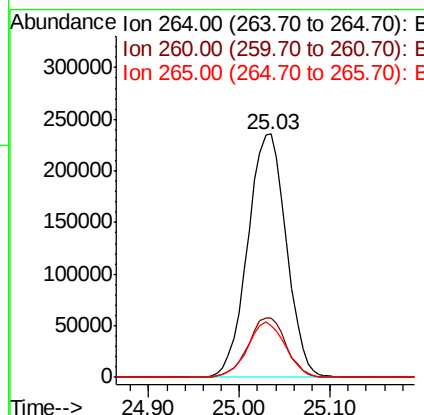
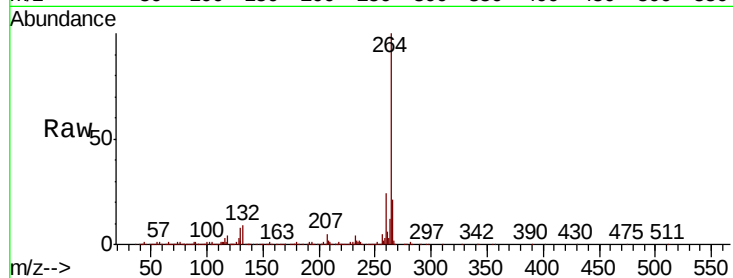




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

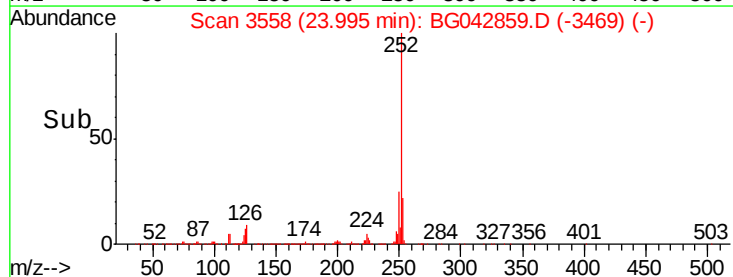
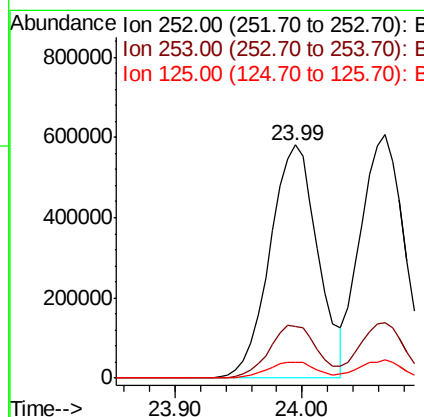
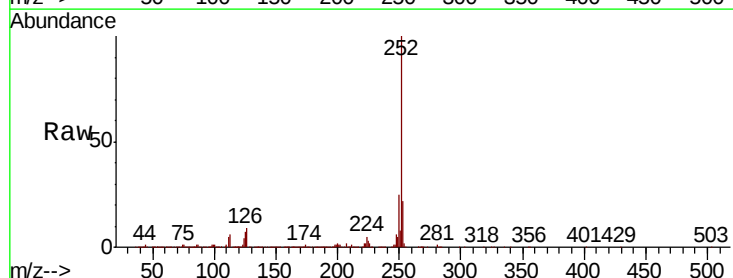
Instrument :
BNA_G
ClientSampleId :

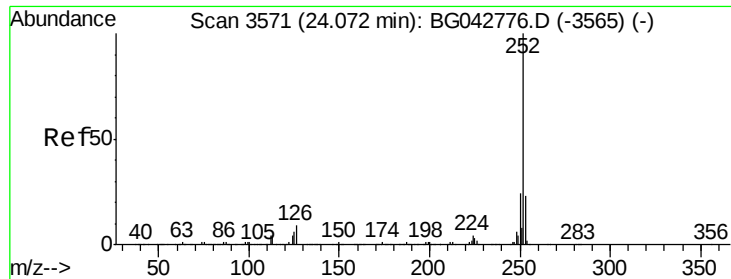
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.2
265	21.2	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 37.419 ng
RT: 23.99 min Scan# 3558
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	6.9	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 37.447 ng

RT: 24.07 min Scan# 3570

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampleId :

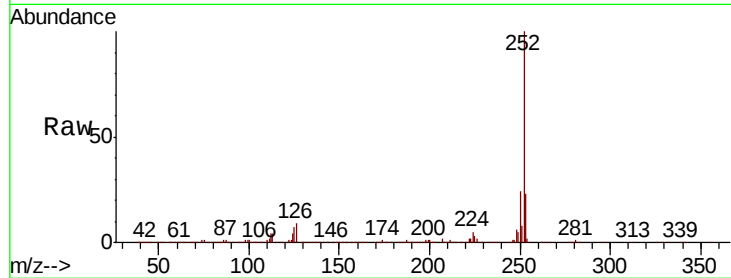
Tot Ion:252 Resp: 1445625

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

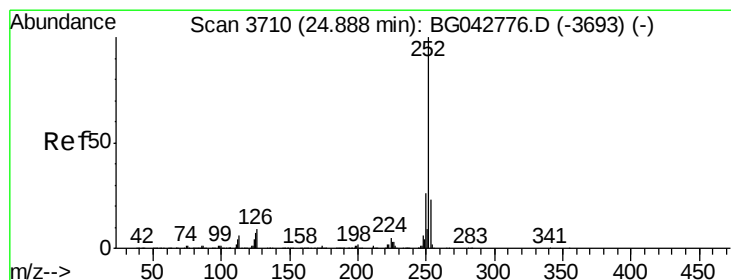
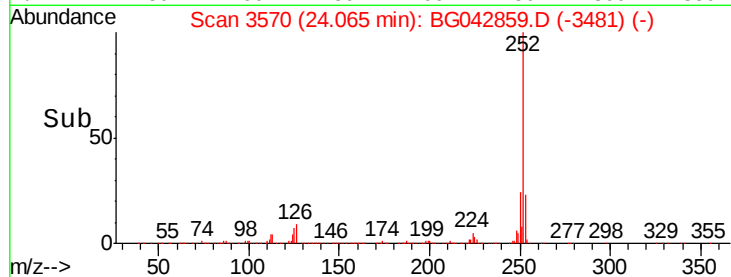
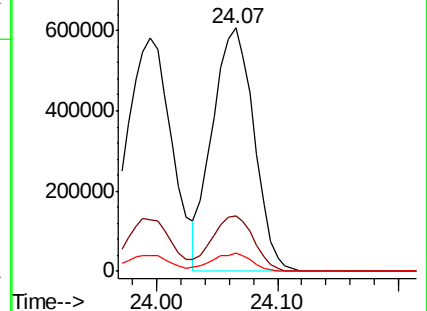
125 7.4 5.3 7.9



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: 38.628 ng

RT: 24.88 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

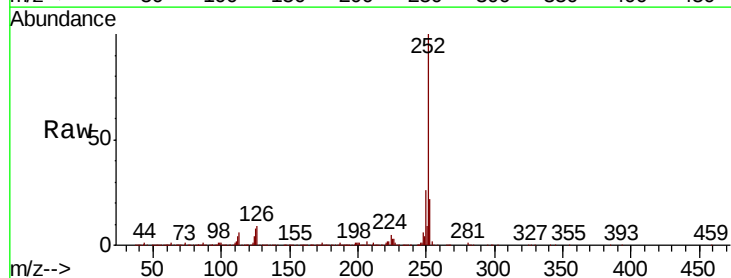
Tgt Ion:252 Resp: 1478184

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

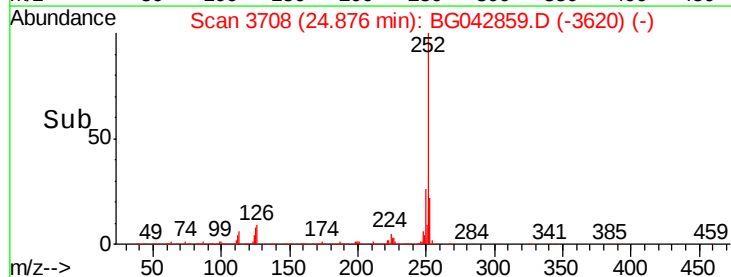
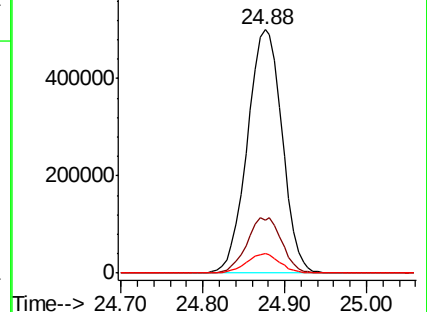
125 7.9 5.7 8.5

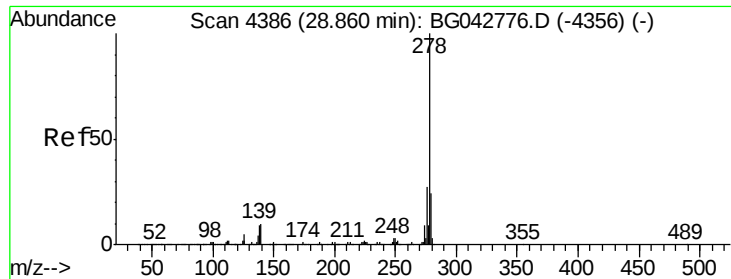


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.694 ng

RT: 28.84 min Scan# 4382

Delta R.T. -0.02 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampleId :

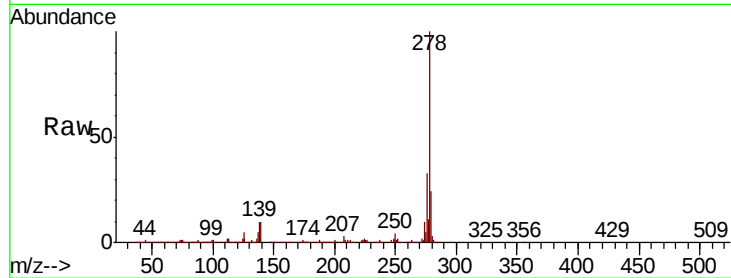
Tot Ion:278 Resp: 1456357

Ion Ratio Lower Upper

278 100

139 10.3 8.2 12.2

279 24.2 19.4 29.2

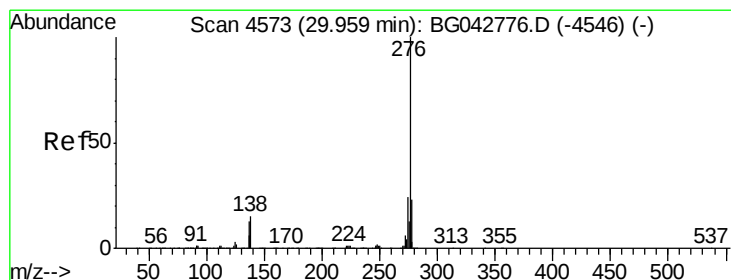
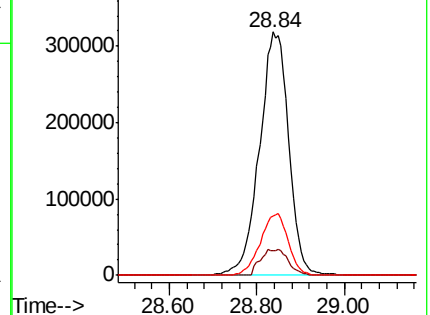
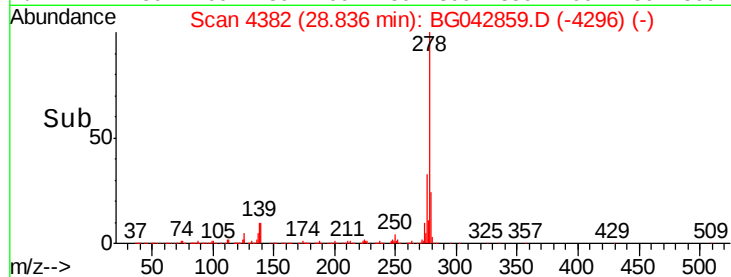


Abundance

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: 39.002 ng

RT: 29.94 min Scan# 4570

Delta R.T. -0.02 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

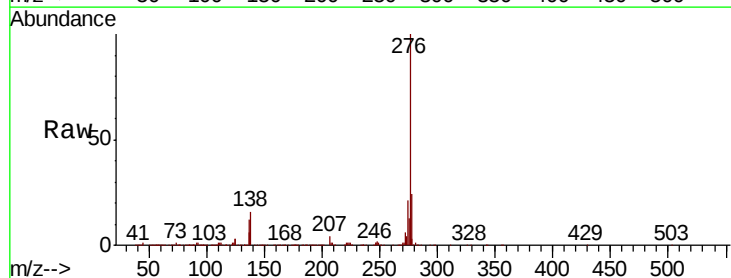
Tgt Ion:276 Resp: 1431822

Ion Ratio Lower Upper

276 100

277 23.8 18.4 27.6

138 15.8 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

