

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042784.D
 Acq On : 12 Sep 2019 16:22
 Operator : HP/JU
 Sample : PB122965BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 07:54:08 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	87214	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	328420	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	224517	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	524839	20.00	ng	0.00
76) Chrysene-d12	21.77	240	528574	20.00	ng	0.00
87) Perylene-d12	25.03	264	593455	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	718394	143.21	ng	0.00
7) Phenol-d6	7.28	99	1024942	142.35	ng	0.00
23) Nitrobenzene-d5	9.28	82	625335	99.13	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	445849	149.26	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1374250	96.89	ng	0.00
79) Terphenyl-d14	20.09	244	2344185	98.29	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	70797	30.924	ng	96
3) Pyridine	3.98	79	202466	29.372	ng	97
4) n-Nitrosodimethylamine	3.89	42	133556	39.818	ng	100
6) Aniline	7.44	93	303831	31.276	ng	99
8) 2-Chlorophenol	7.69	128	233022	42.973	ng	99
9) Benzaldehyde	7.25	77	168906	36.048	ng	97
10) Phenol	7.30	94	318186	43.090	ng	97
11) bis(2-Chloroethyl)ether	7.54	93	225301	39.756	ng	98
12) 1,3-Dichlorobenzene	8.02	146	249946	37.791	ng	98
13) 1,4-Dichlorobenzene	8.16	146	250259	37.794	ng	99
14) 1,2-Dichlorobenzene	8.48	146	239813	38.047	ng	96
15) Benzyl Alcohol	8.35	79	258010	41.754	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.65	45	480265	38.591	ng	98
17) 2-Methylphenol	8.55	107	211284	42.769	ng	98
18) Hexachloroethane	9.22	117	91181	37.298	ng	92
19) n-Nitroso-di-n-propylamine	8.93	70	208193	39.240	ng	96
20) 3+4-Methylphenols	8.88	107	292991	43.025	ng	98
22) Acetophenone	8.94	105	360392	43.450	ng	# 99
24) Nitrobenzene	9.32	77	300479	45.380	ng	99
25) Isophorone	9.85	82	564188	42.908	ng	99
26) 2-Nitrophenol	10.03	139	122471	47.037	ng	98
27) 2,4-Dimethylphenol	10.09	122	235909	51.221	ng	96
28) bis(2-Chloroethoxy)methane	10.33	93	311789	42.520	ng	100
29) 2,4-Dichlorophenol	10.57	162	247206	46.188	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	270787	41.439	ng	99
31) Naphthalene	10.98	128	705244	43.493	ng	98
32) Benzoic acid	10.22	122	158299	43.178	ng	98
33) 4-Chloroaniline	11.08	127	141659	18.691	ng	97
34) Hexachlorobutadiene	11.28	225	185159	40.443	ng	94
35) Caprolactam	11.91	113	12429	6.245	ng	94
36) 4-Chloro-3-methylphenol	12.19	107	271947	46.797	ng	94
37) 2-Methylnaphthalene	12.58	142	523486	43.097	ng	99
38) 1-Methylnaphthalene	12.79	142	495221	43.469	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	321809	43.376	ng	99

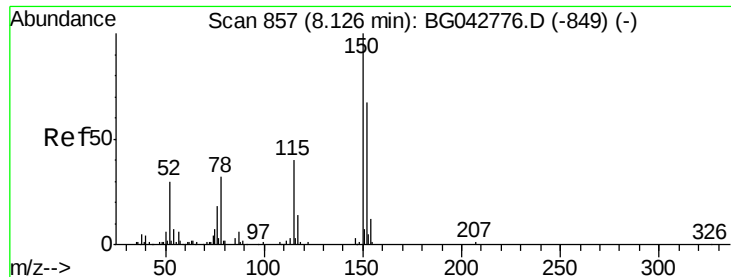
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042784.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	407008	95.763	ng	99
43) 2,4,6-Trichlorophenol	13.18	196	222917	45.132	ng	98
44) 2,4,5-Trichlorophenol	13.25	196	239775	47.394	ng	97
46) 1,1'-Biphenyl	13.58	154	697137	44.354	ng	100
47) 2-Chloronaphthalene	13.62	162	551442	42.412	ng	98
48) 2-Nitroaniline	13.81	65	206436	45.769	ng	97
49) Acenaphthylene	14.46	152	889234	44.754	ng	98
50) Dimethylphthalate	14.19	163	723150	42.996	ng	100
51) 2,6-Dinitrotoluene	14.30	165	162867	47.192	ng	98
52) Acenaphthene	14.80	154	613275	47.246	ng	99
53) 3-Nitroaniline	14.63	138	111543	28.798	ng	98
54) 2,4-Dinitrophenol	14.83	184	165536	97.435	ng	# 75
55) Dibenzofuran	15.14	168	860198	44.583	ng	98
56) 4-Nitrophenol	14.93	139	282754	94.416	ng	98
57) 2,4-Dinitrotoluene	15.09	165	219270	47.667	ng	# 97
58) Fluorene	15.78	166	706952	44.211	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	232117	47.329	ng	98
60) Diethylphthalate	15.56	149	740956	43.400	ng	98
61) 4-Chlorophenyl-phenylether	15.78	204	408649	43.223	ng	99
62) 4-Nitroaniline	15.79	138	178850	42.838	ng	98
63) Azobenzene	16.07	77	737376	44.851	ng	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	116163	51.727	ng	96
66) n-Nitrosodiphenylamine	15.99	169	649676	46.001	ng	98
67) 4-Bromophenyl-phenylether	16.67	248	279598	44.014	ng	98
68) Hexachlorobenzene	16.79	284	285438	42.051	ng	98
69) Atrazine	16.94	200	253776	51.601	ng	99
70) Pentachlorophenol	17.13	266	404988	100.575	ng	96
71) Phenanthrene	17.52	178	1137811	45.331	ng	99
72) Anthracene	17.62	178	1162429	46.356	ng	99
73) Carbazole	17.88	167	1103488	46.299	ng	97
74) Di-n-butylphthalate	18.45	149	1278025	44.764	ng	99
75) Fluoranthene	19.53	202	1519270	46.704	ng	98
77) Benzidine	19.70	184	555359	37.606	ng	99
78) Pyrene	19.89	202	1515642	45.801	ng	99
80) Butylbenzylphthalate	20.78	149	590079	44.060	ng	98
81) Benzo(a)anthracene	21.74	228	1486406	44.228	ng	98
82) 3,3'-Dichlorobenzidine	21.65	252	405575	31.054	ng	98
83) Chrysene	21.81	228	1436251	45.117	ng	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	826900	45.187	ng	97
85) Di-n-octyl phthalate	22.91	149	1408051	45.136	ng	100
86) Indeno(1,2,3-cd)pyrene	28.78	276	1793720	45.500	ng	# 93
88) Benzo(b)fluoranthene	24.00	252	1587826	45.567	ng	98
89) Benzo(k)fluoranthene	24.08	252	1476967	44.870	ng	100
90) Benzo(a)pyrene	24.89	252	1531723	46.944	ng	99
91) Dibenzo(a,h)anthracene	28.86	278	1479910	46.115	ng	98
92) Benzo(g,h,i)perylene	29.96	276	1474420	47.102	ng	98

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

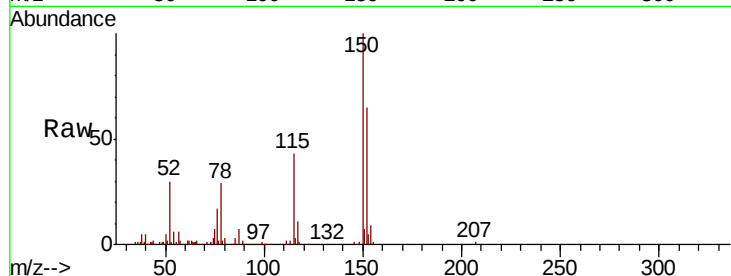


#1

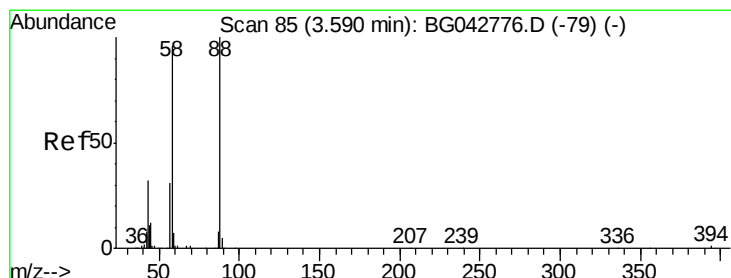
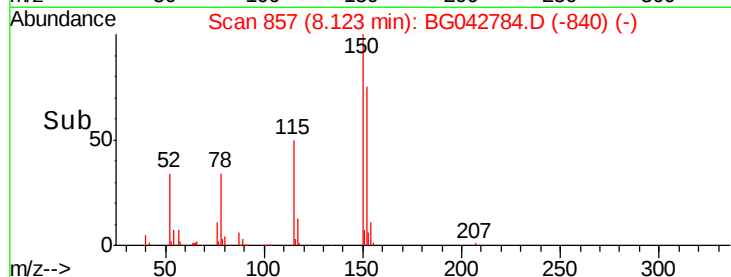
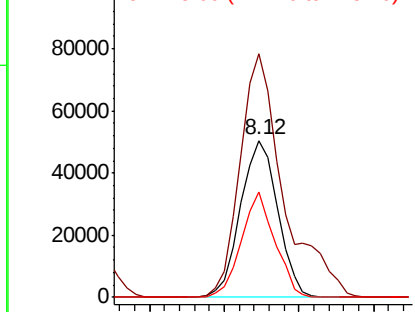
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 87214
Ion Ratio Lower Upper
152 100
150 155.0 118.9 178.3
115 66.8 47.4 71.2



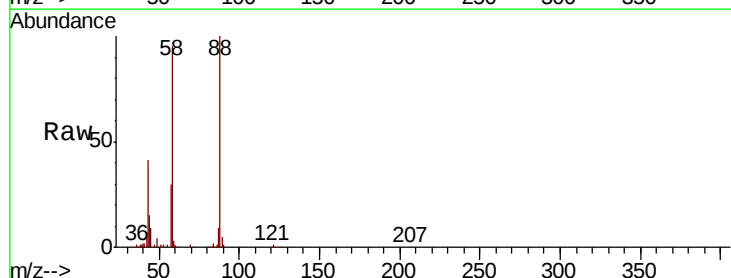
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



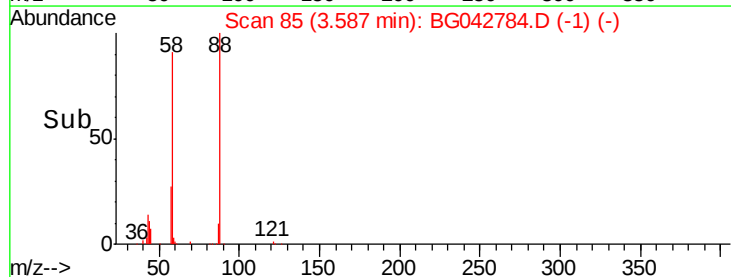
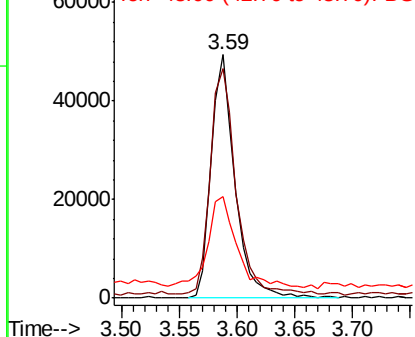
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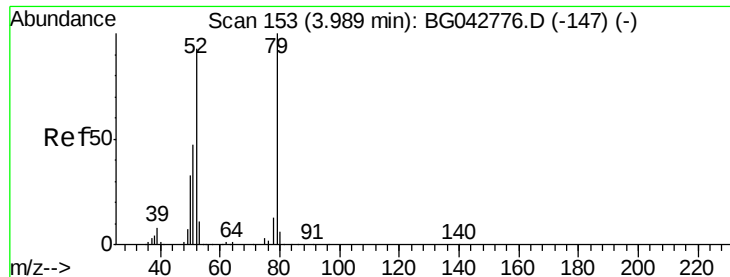
1,4-Dioxane
Concen: 30.924 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion: 88 Resp: 70797
Ion Ratio Lower Upper
88 100
58 100.6 79.1 118.7
43 44.9 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: 29.372 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

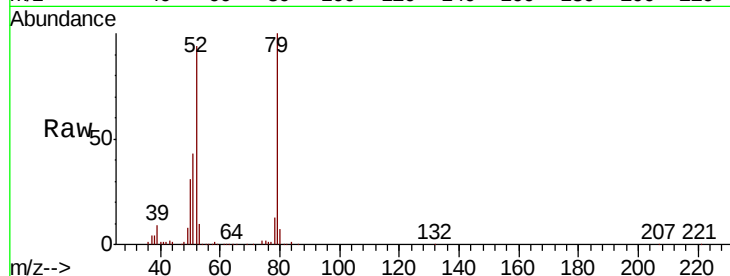
Tot Ion: 79 Resp: 202466

Ion Ratio Lower Upper

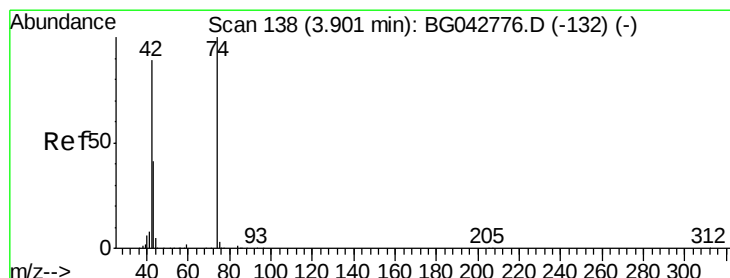
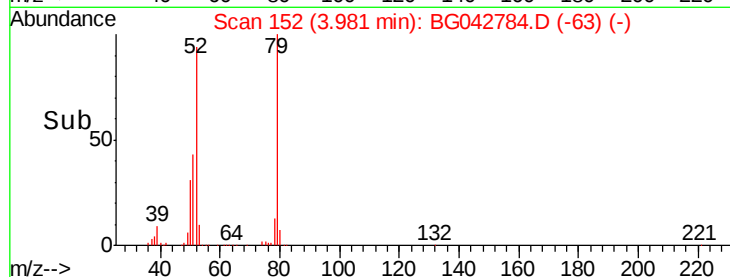
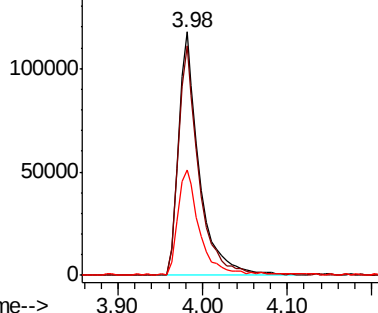
79 100

52 94.2 74.0 111.0

51 43.2 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: 39.818 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

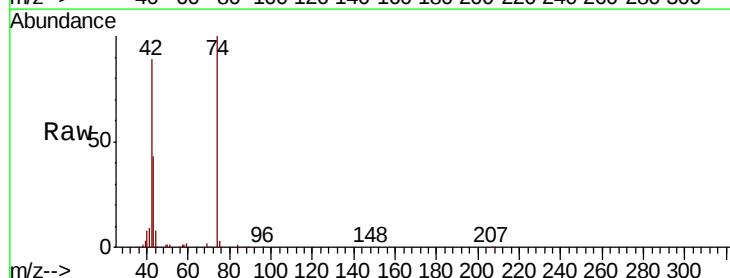
Tgt Ion: 42 Resp: 133556

Ion Ratio Lower Upper

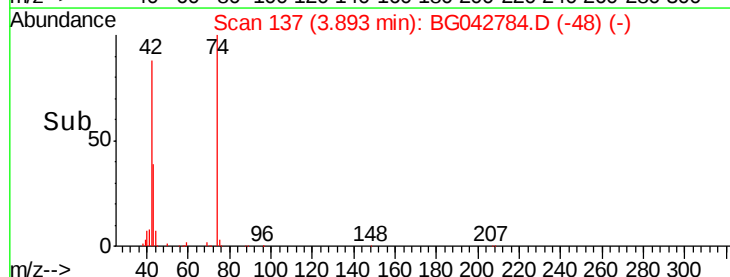
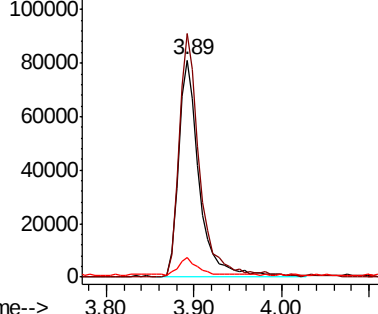
42 100

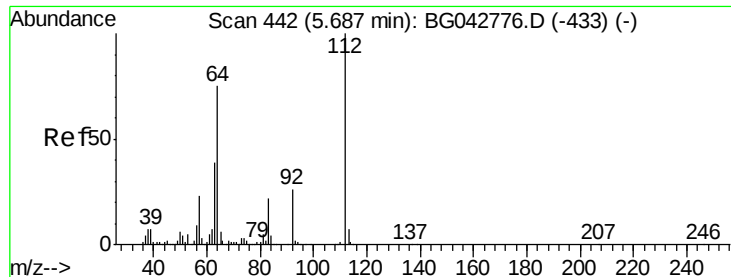
74 112.3 90.2 135.2

44 8.8 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: 143.207 ng

RT: 5.69 min Scan# 443

Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampled :

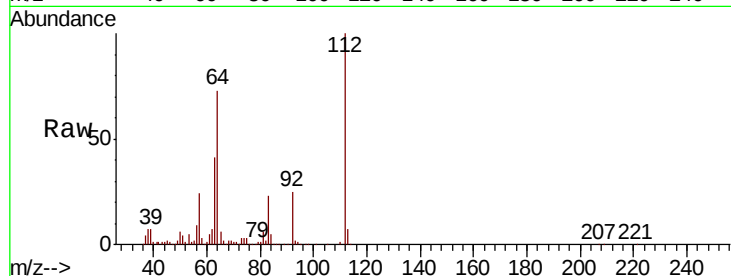
Tot Ion:112 Resp: 718394

Ion Ratio Lower Upper

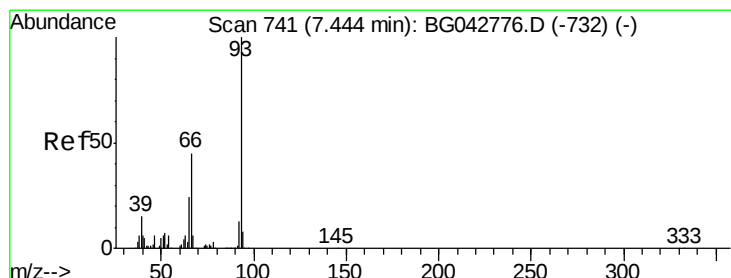
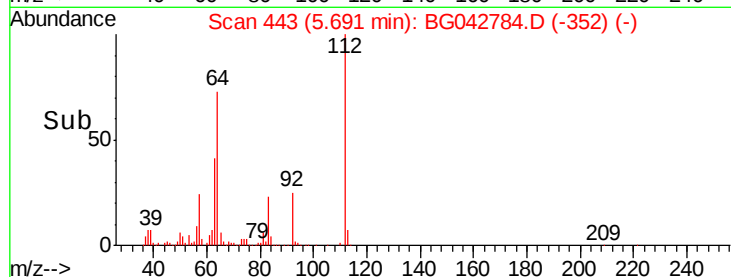
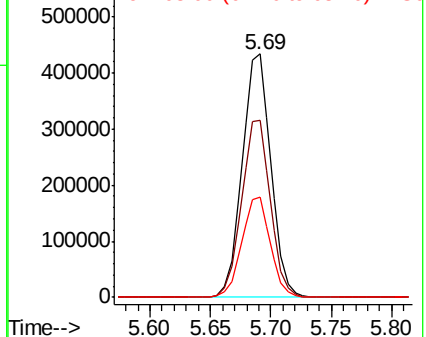
112 100

64 72.6 60.2 90.2

63 41.4 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: 31.276 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

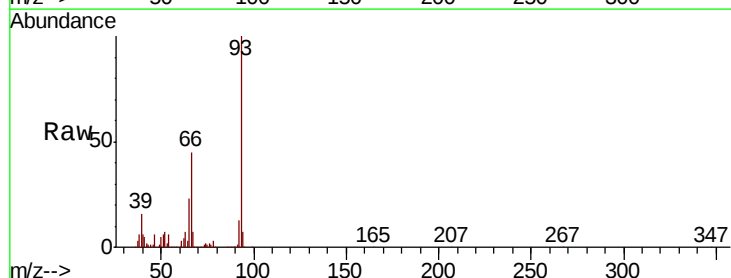
Tgt Ion: 93 Resp: 303831

Ion Ratio Lower Upper

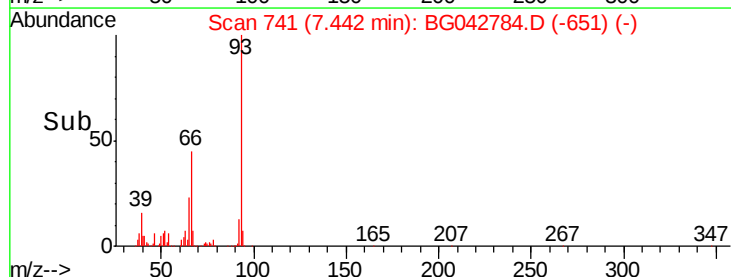
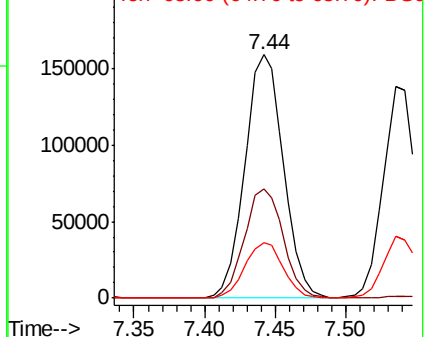
93 100

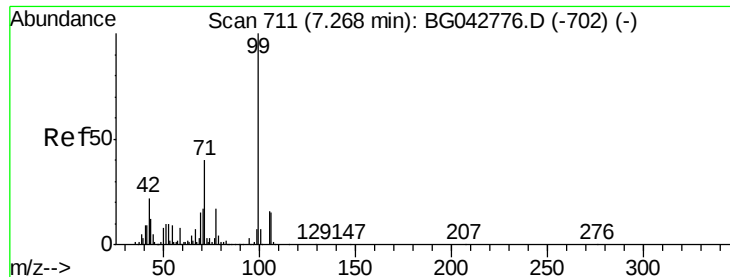
66 44.9 36.3 54.5

65 22.9 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: 142.346 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

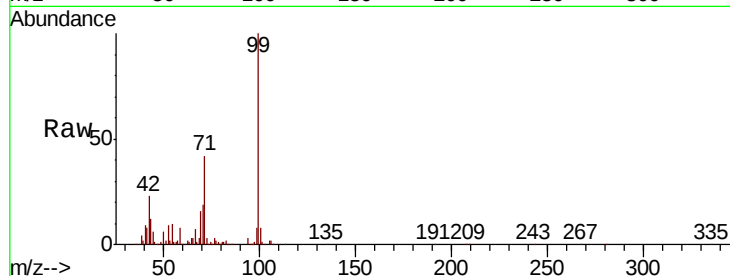
Tot Ion: 99 Resp: 1024942

Ion Ratio Lower Upper

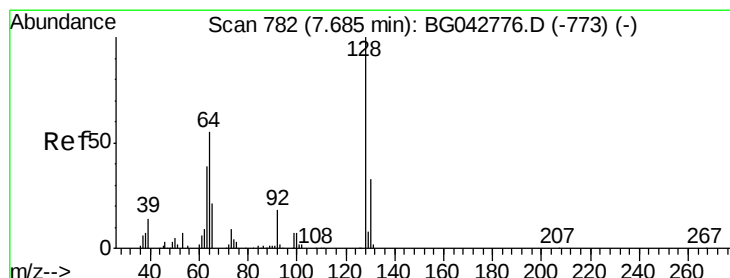
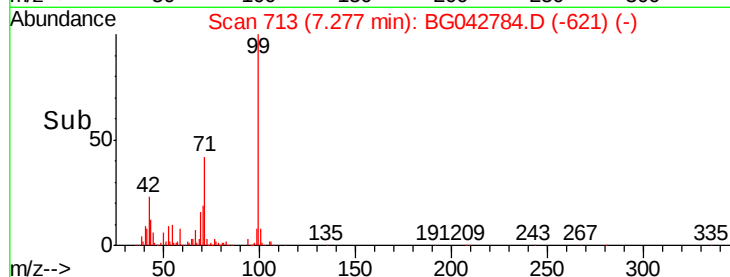
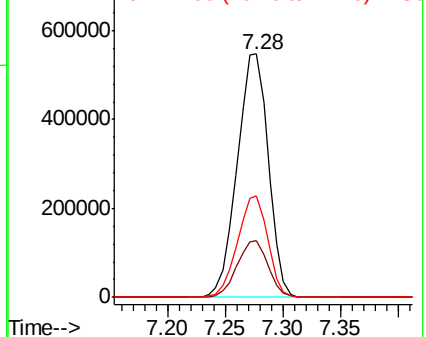
99 100

42 23.1 17.5 26.3

71 41.9 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: 42.973 ng

RT: 7.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

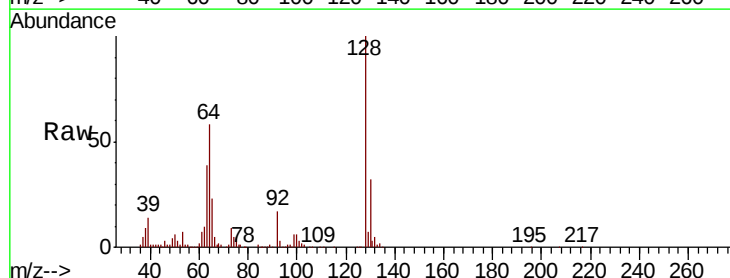
Tgt Ion: 128 Resp: 233022

Ion Ratio Lower Upper

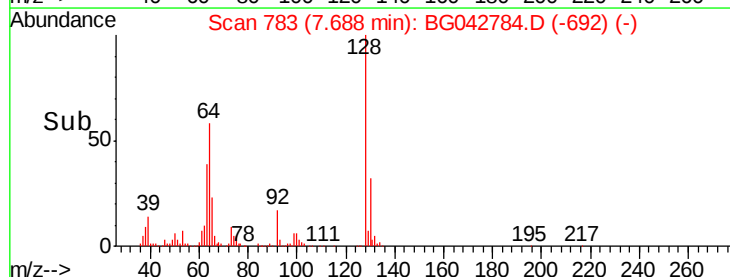
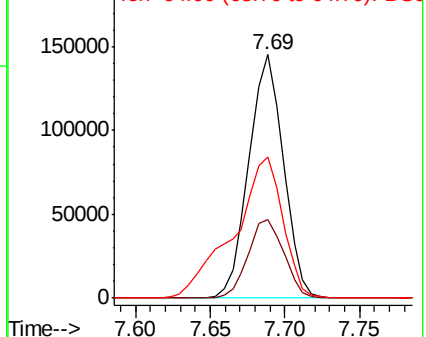
128 100

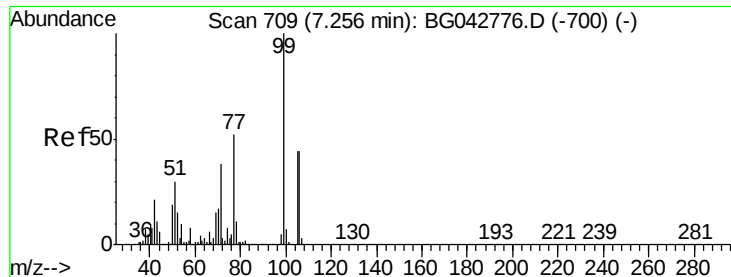
130 32.1 12.8 52.8

64 57.8 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: 36.048 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

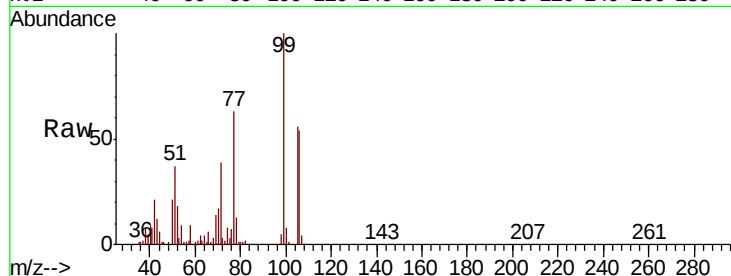
Tot Ion: 77 Resp: 168906

Ion Ratio Lower Upper

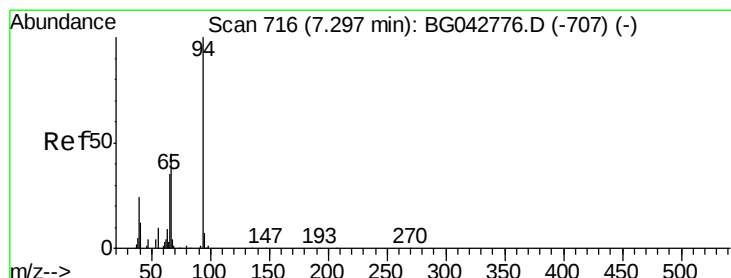
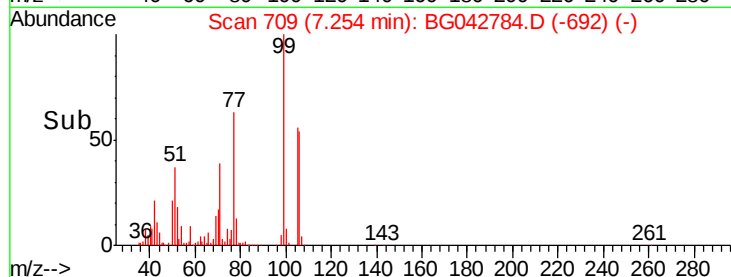
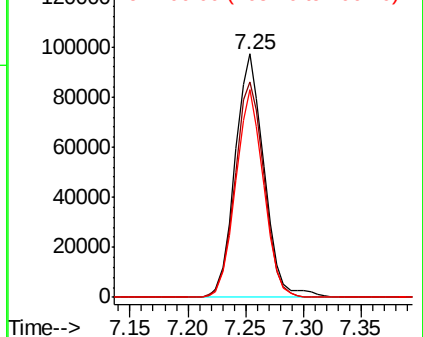
77 100

105 88.3 64.5 104.5

106 85.2 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: 43.090 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

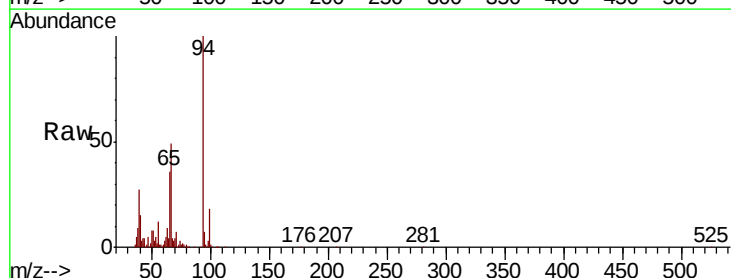
Tgt Ion: 94 Resp: 318186

Ion Ratio Lower Upper

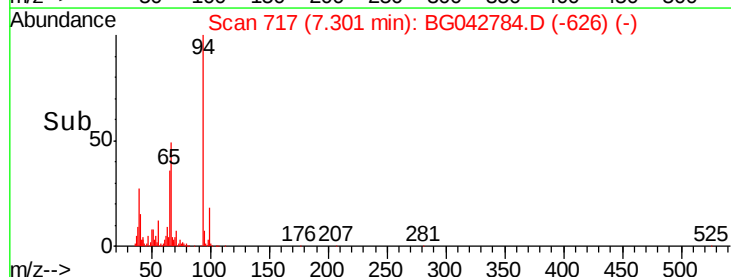
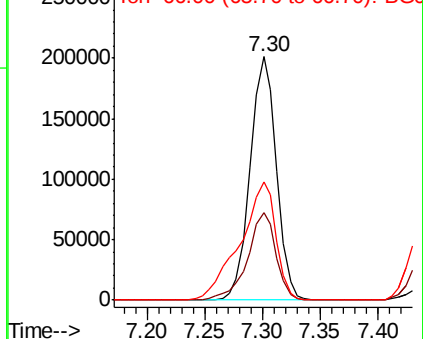
94 100

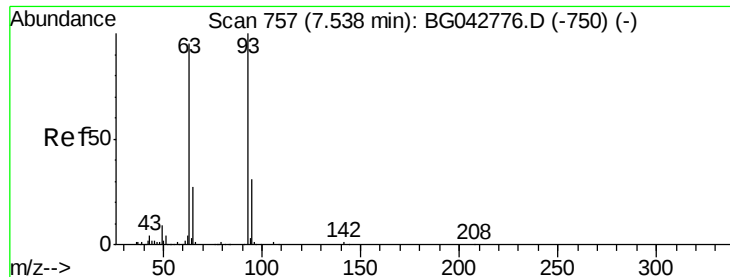
65 36.0 15.0 55.0

66 48.7 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

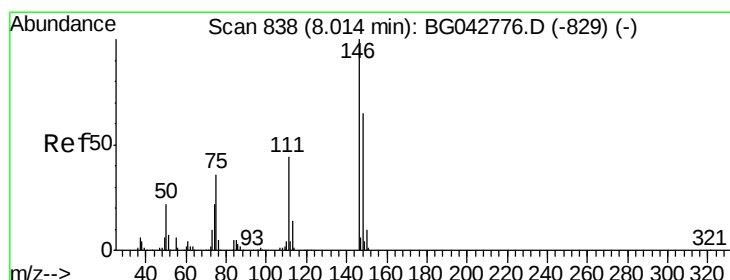
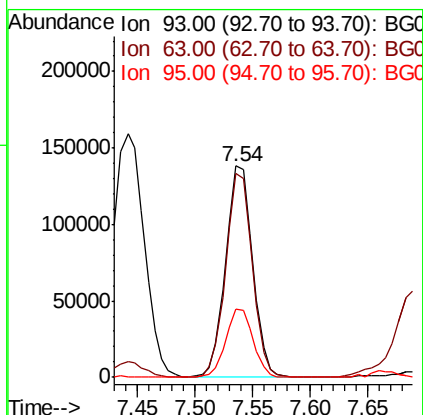
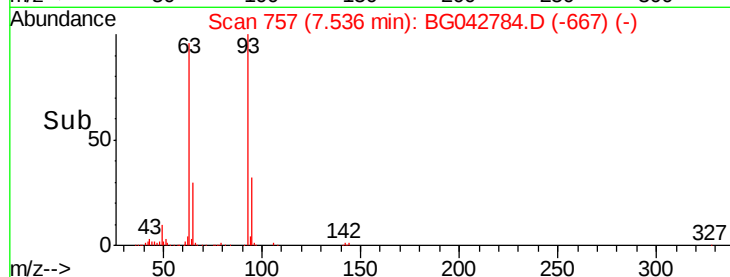
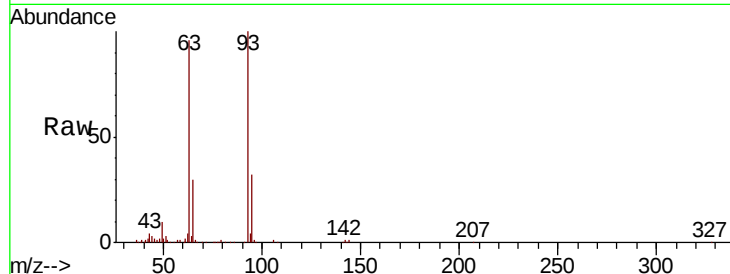




#11
bis(2-Chloroethyl)ether
Concen: 39.756 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

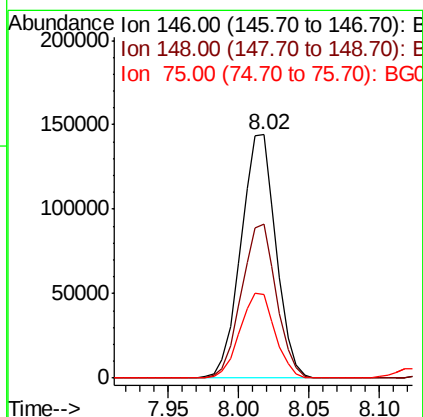
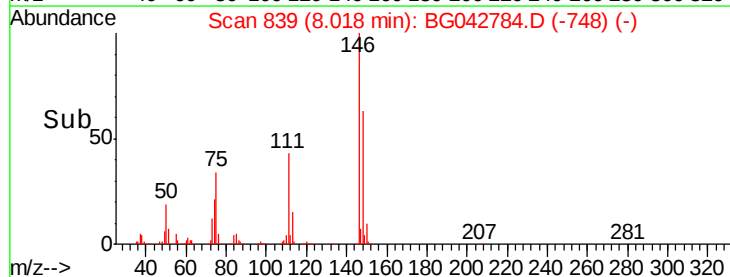
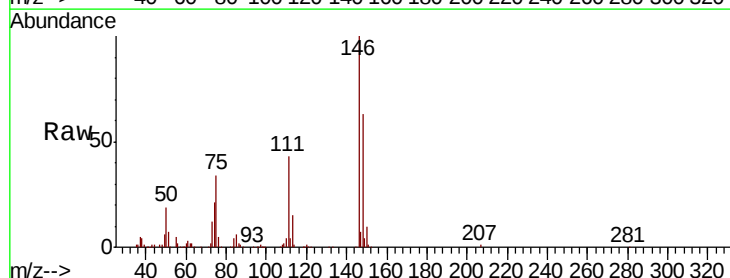
Instrument :
BNA_G
ClientSampleId :

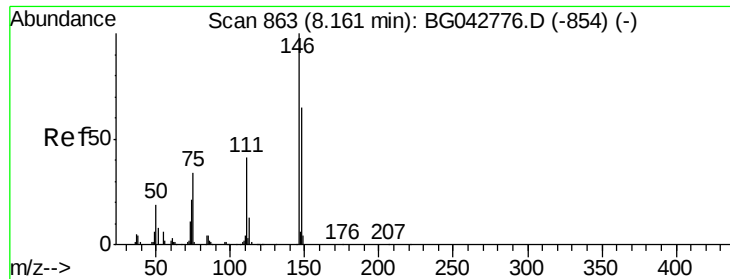
Tot Ion: 93 Resp: 225301
Ion Ratio Lower Upper
93 100
63 96.4 74.7 114.7
95 32.1 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 37.791 ng
RT: 8.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion: 146 Resp: 249946
Ion Ratio Lower Upper
146 100
148 63.1 51.9 77.9
75 34.4 28.4 42.6

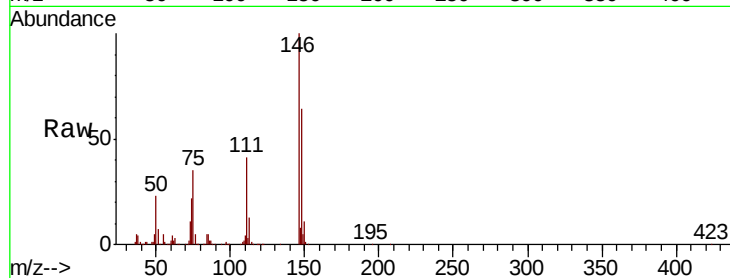




#13
 1,4-Dichlorobenzene
 Concen: 37.794 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.4
111	40.7	32.6	49.0

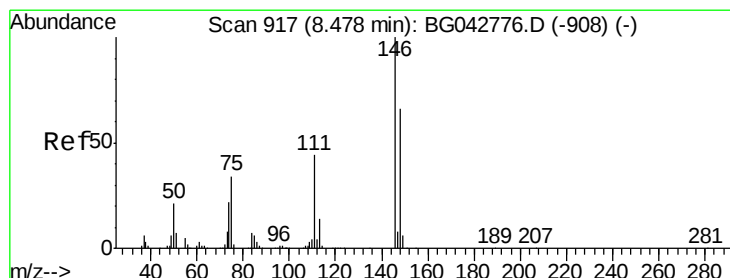
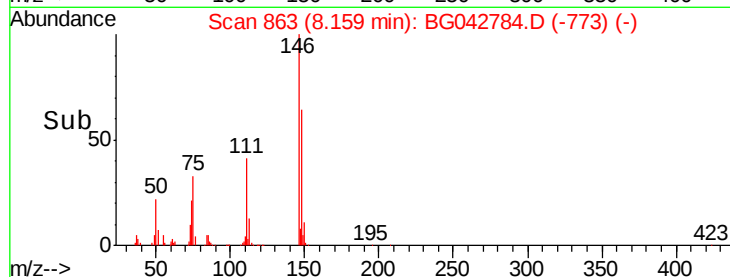
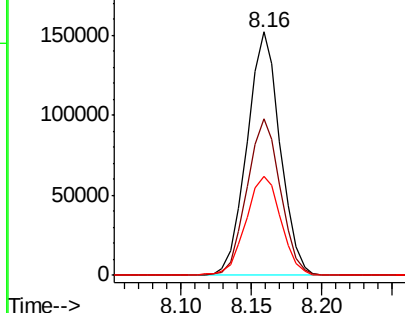


Abundance

Ion 146.00 (145.70 to 146.70): E

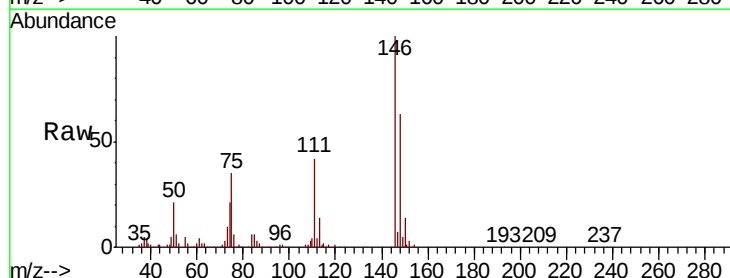
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.047 ng
 RT: 8.48 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.6	78.8
111	41.6	35.3	52.9

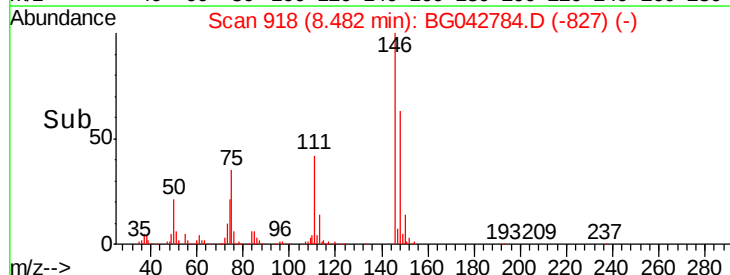
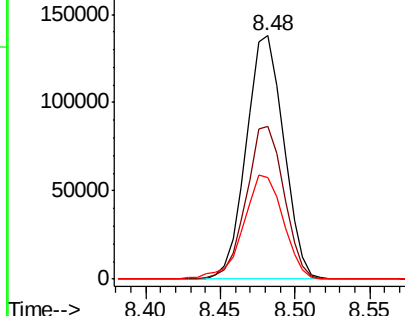


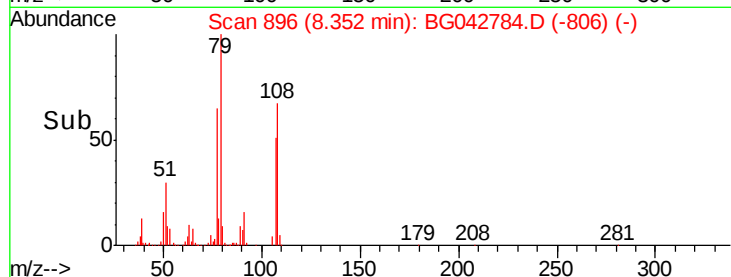
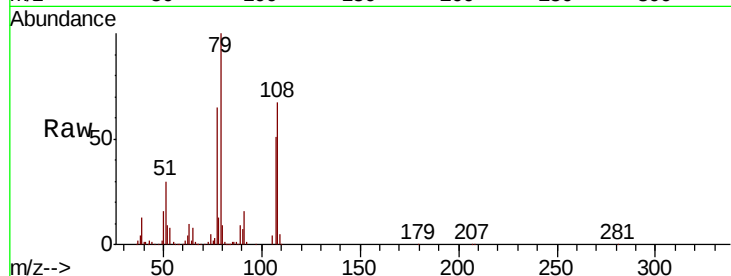
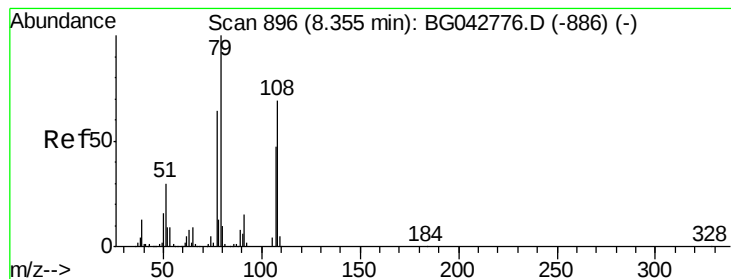
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.754 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

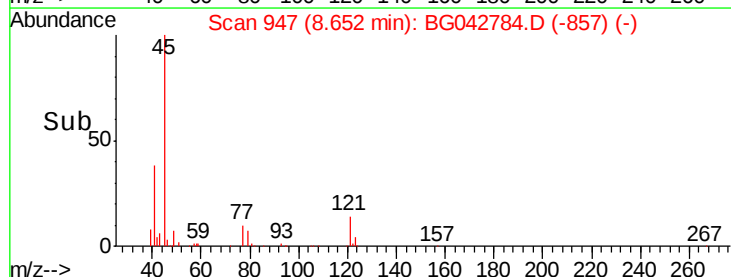
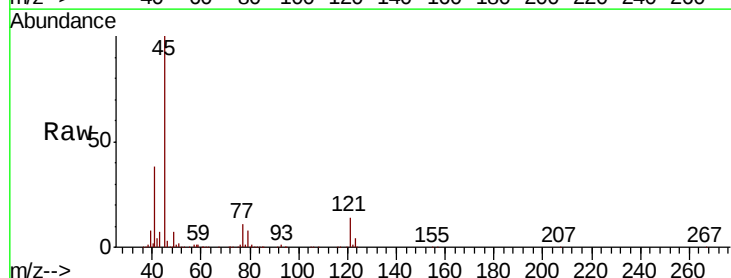
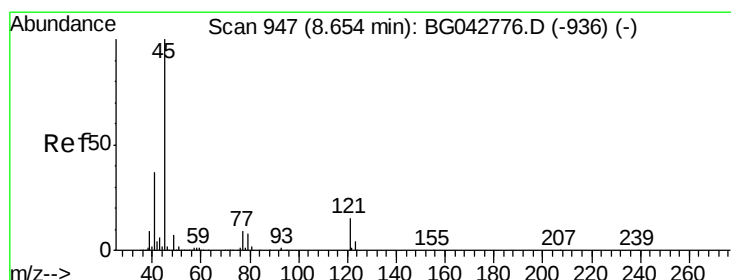
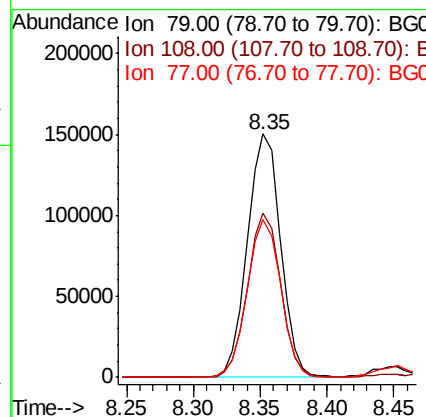
Tot Ion: 79 Resp: 258010

Ion Ratio Lower Upper

79 100

108 67.4 54.9 82.3

77 65.0 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.591 ng

RT: 8.65 min Scan# 947

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

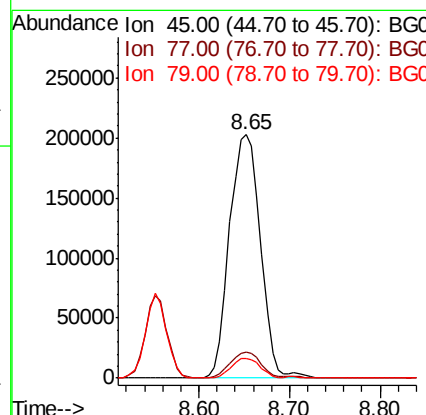
Tgt Ion: 45 Resp: 480265

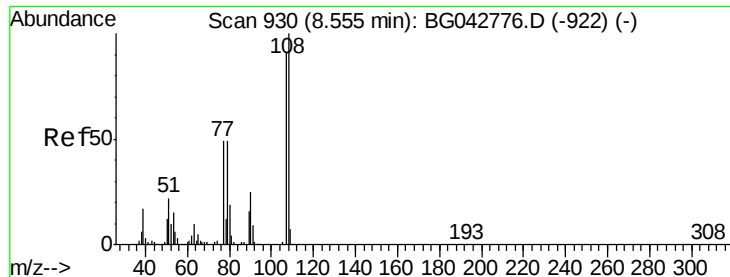
Ion Ratio Lower Upper

45 100

77 10.5 0.0 29.4

79 7.8 0.0 28.4





#17

2-Methylphenol

Concen: 42.769 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 211284

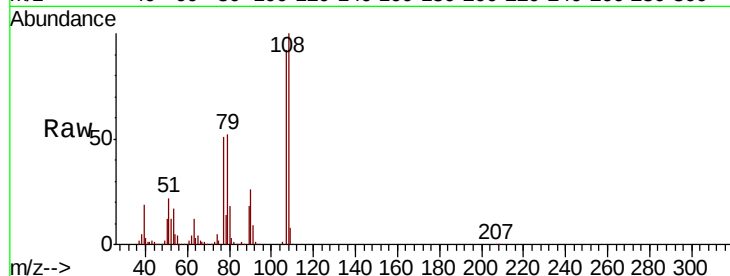
Ion Ratio Lower Upper

107 100

108 108.3 87.7 131.5

77 55.1 42.6 64.0

79 56.6 43.4 65.2

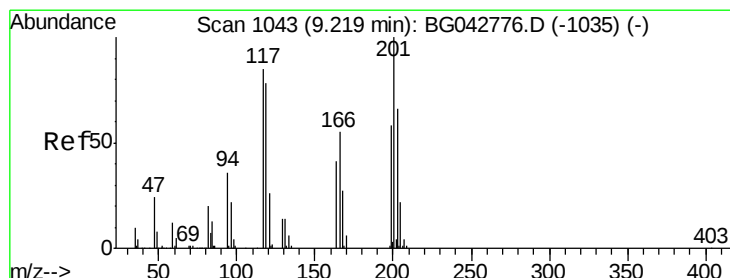
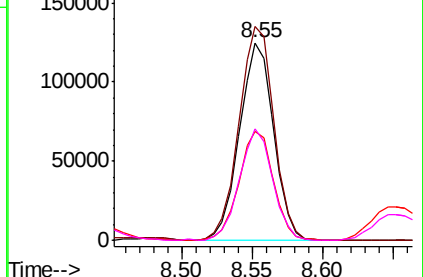
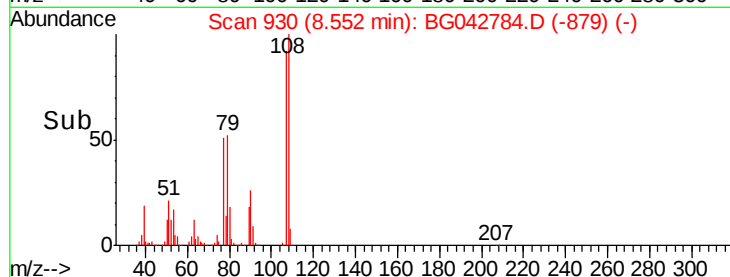


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.298 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

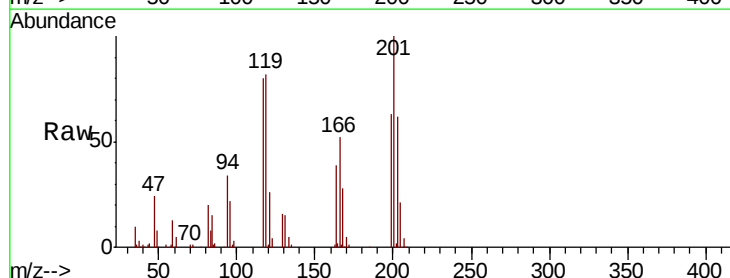
Tgt Ion:117 Resp: 91181

Ion Ratio Lower Upper

117 100

119 102.4 73.8 110.8

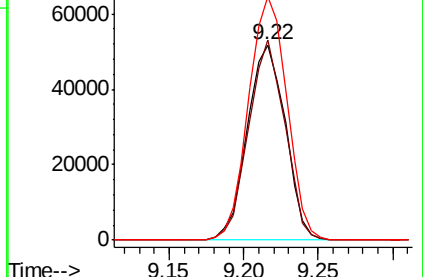
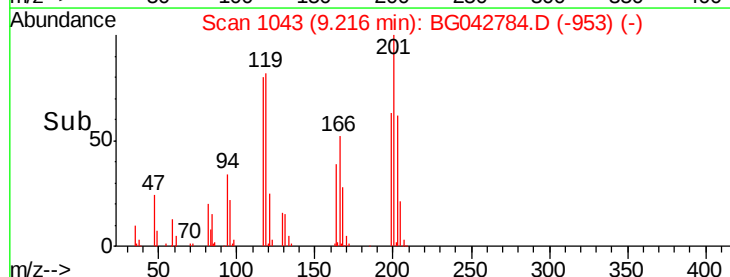
201 124.7 94.6 142.0

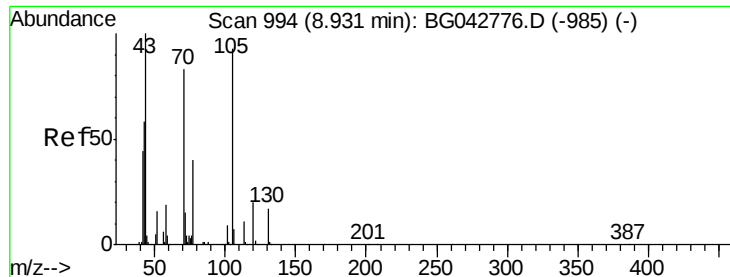


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

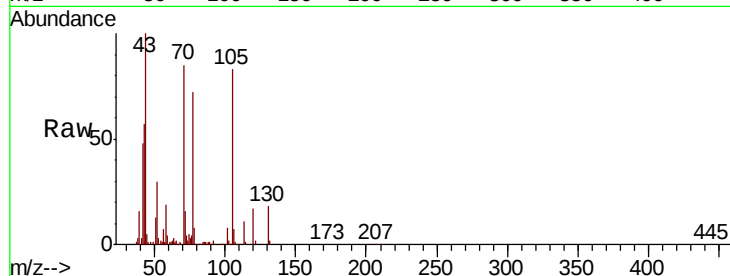




#19
 n-Nitroso-di-n-propylamine
 Concen: 39.240 ng
 RT: 8.93 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	70	Resp:	208193
Ion	Ratio	Lower	Upper
70	100		
42	67.6	57.0	85.6
101	9.6	8.4	12.6
130	21.4	16.1	24.1



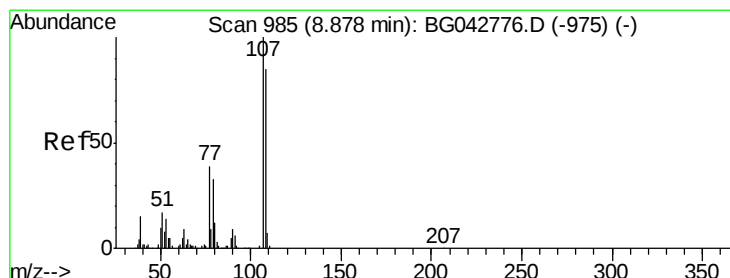
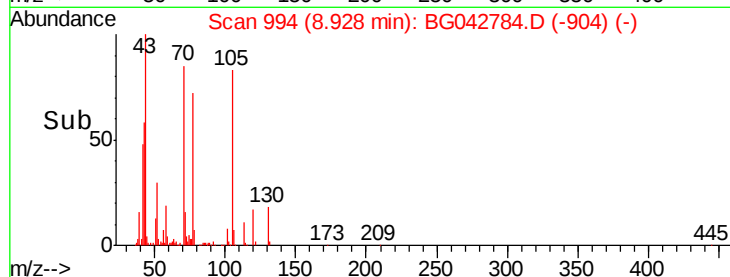
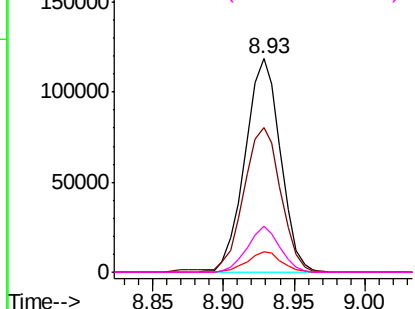
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

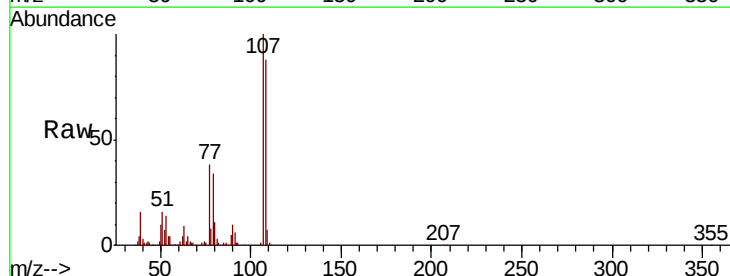
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
 3+4-Methylphenols
 Concen: 43.025 ng
 RT: 8.88 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Tgt Ion:	107	Resp:	292991
Ion	Ratio	Lower	Upper
107	100		
108	87.8	65.4	105.4
77	37.8	18.7	58.7
79	34.2	13.7	53.7



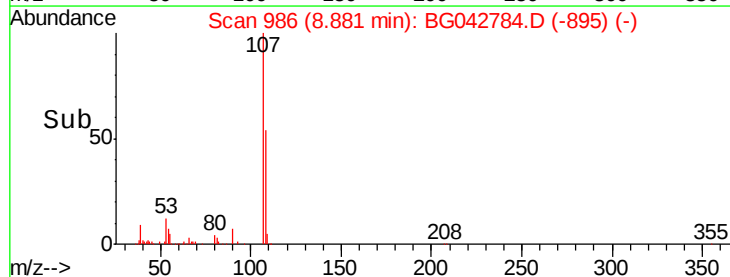
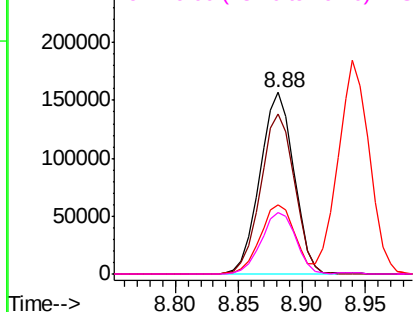
Abundance

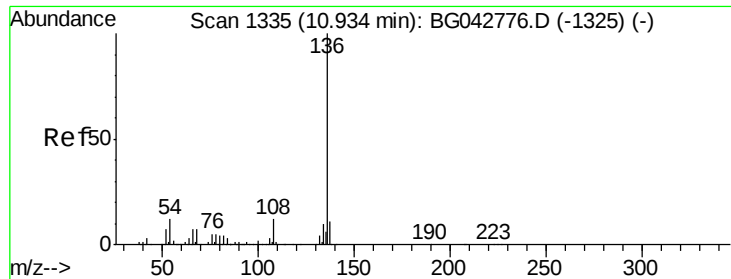
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

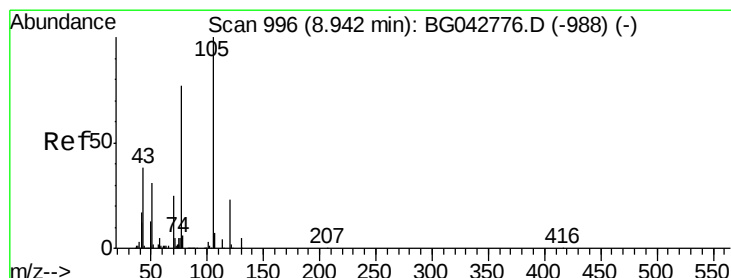
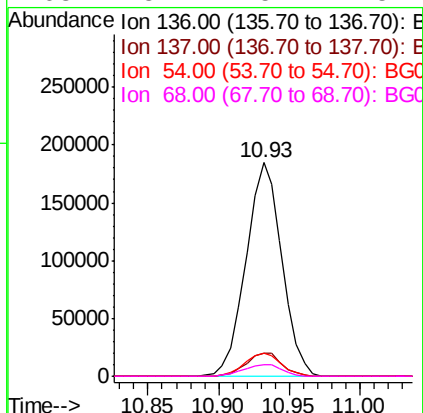
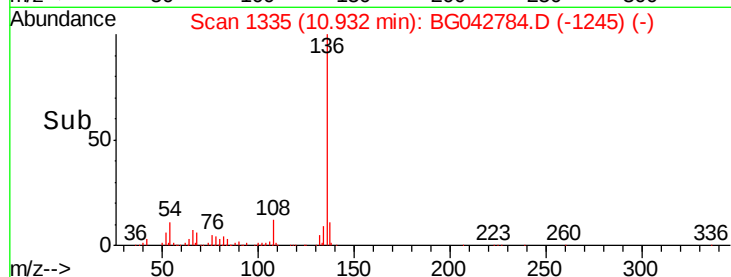
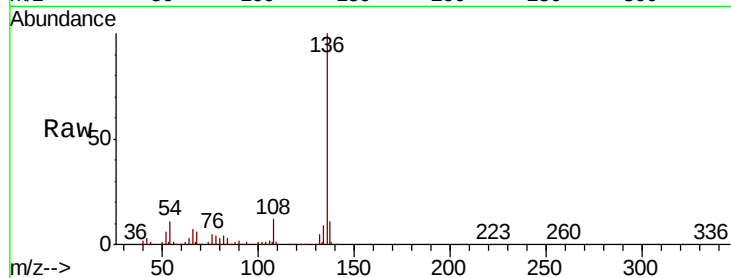




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

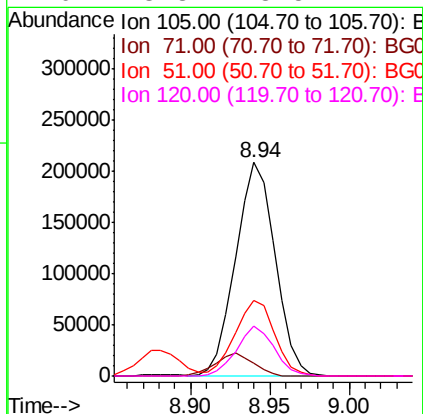
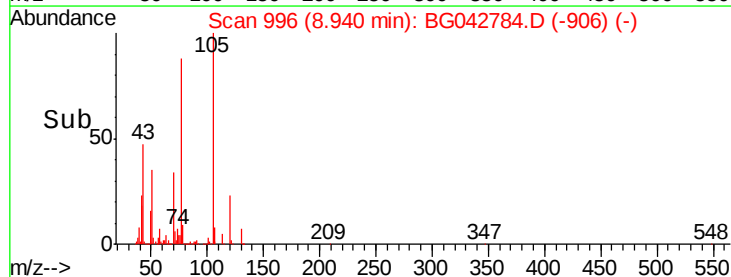
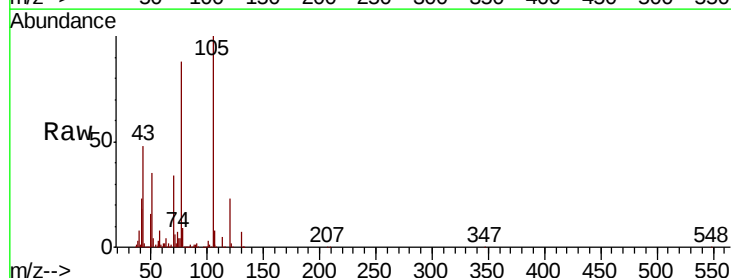
Instrument :
BNA_G
ClientSampled :

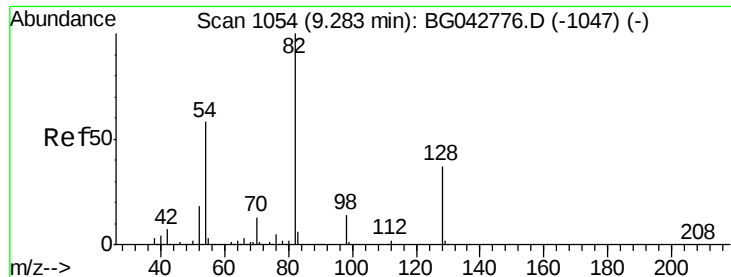
Tot Ion:136	Resp:	328420	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	9.0	13.6	
54 10.9	9.4	14.0	
68 5.7	5.4	8.2	



#22
Acetophenone
Concen: 43.450 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt	Ion:105	Resp:	360392
Ion	Ratio	Lower	Upper
105	100		
71	6.3	3.7	5.5#
51	35.5	28.8	43.2
120	23.3	18.5	27.7

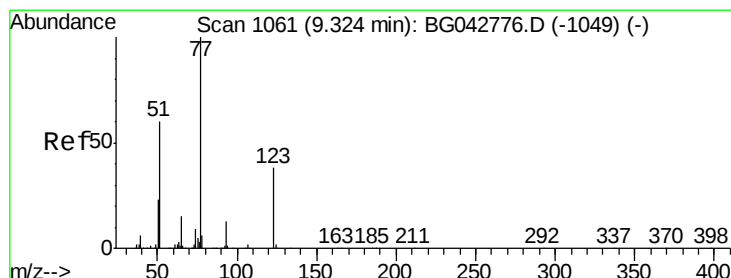
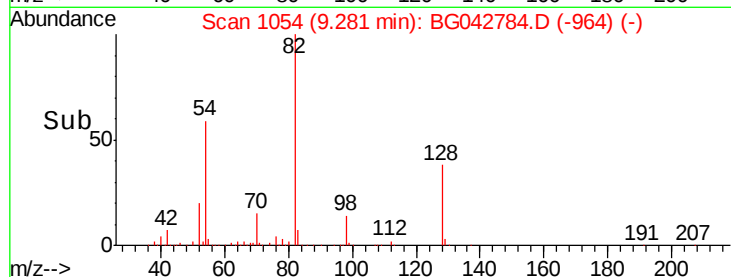
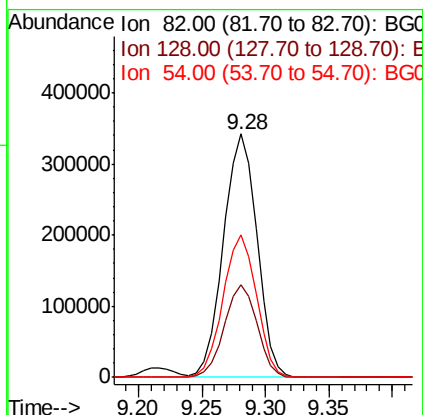
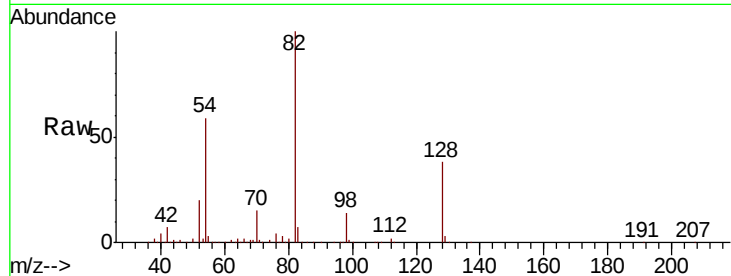




#23
Nitrobenzene-d5
Concen: 99.131 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

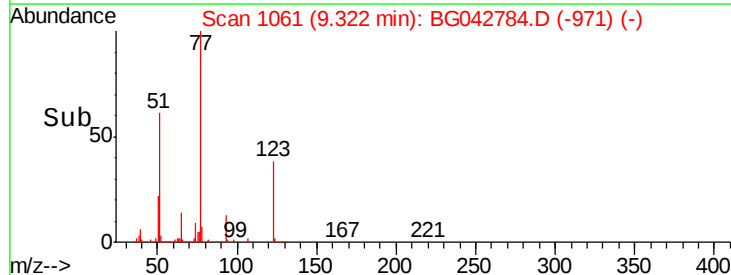
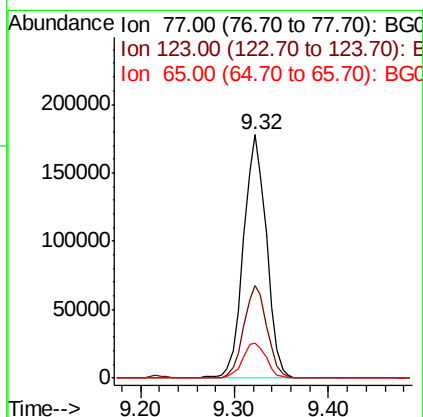
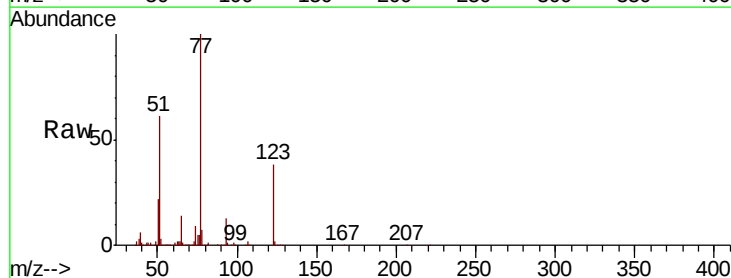
Instrument :
BNA_G
ClientSampleId :

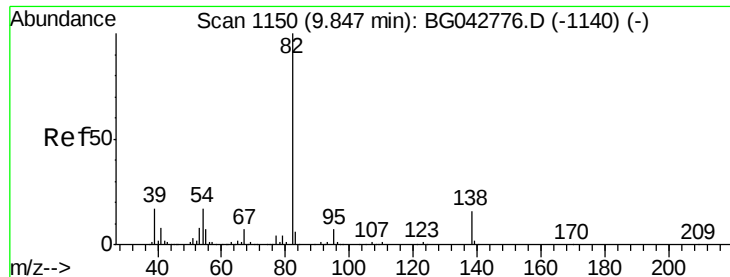
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.8	44.8
54	58.6	46.1	69.1



#24
Nitrobenzene
Concen: 45.380 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.0	30.7	46.1
65	14.3	12.2	18.4





#25

Isophorone

Concen: 42.908 ng

RT: 9.85 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

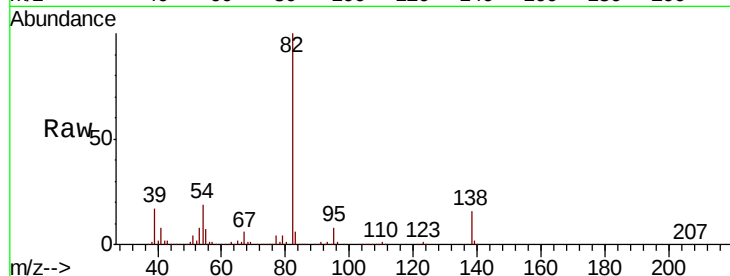
Tot Ion: 82 Resp: 564188

Ion Ratio Lower Upper

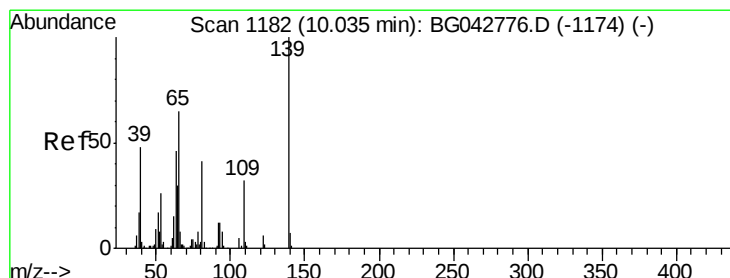
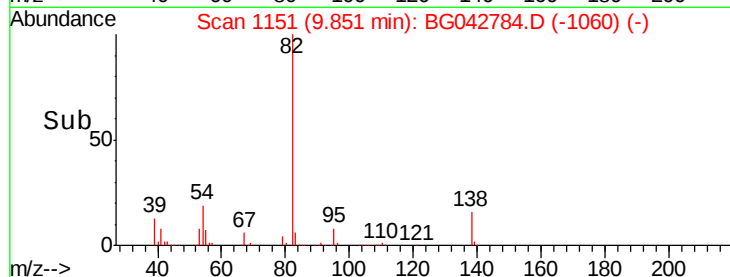
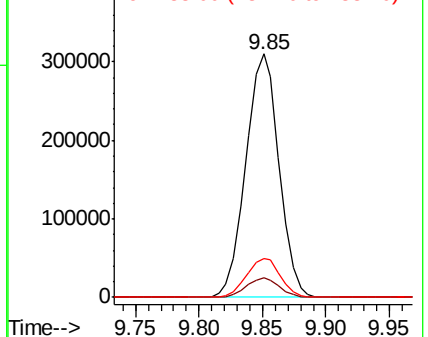
82 100

95 7.9 5.8 8.8

138 16.2 12.9 19.3



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



#26

2-Nitrophenol

Concen: 47.037 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

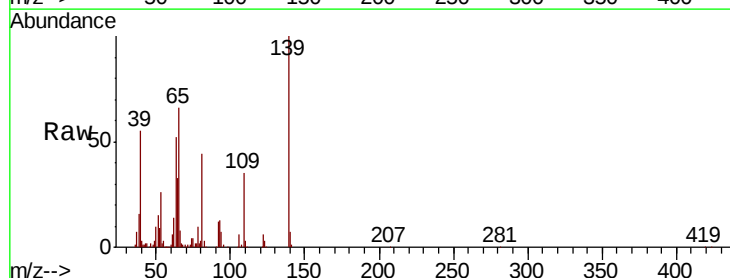
Tgt Ion: 139 Resp: 122471

Ion Ratio Lower Upper

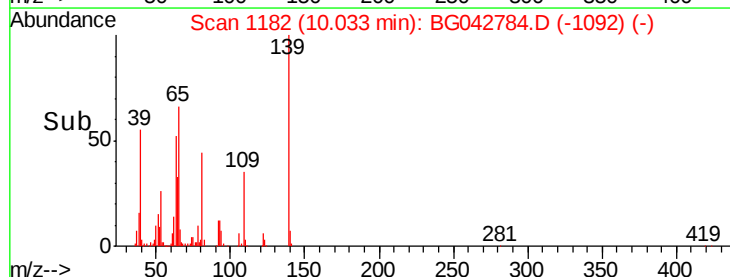
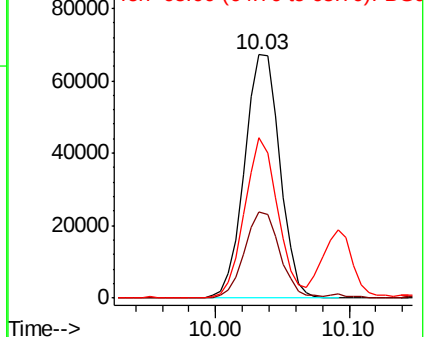
139 100

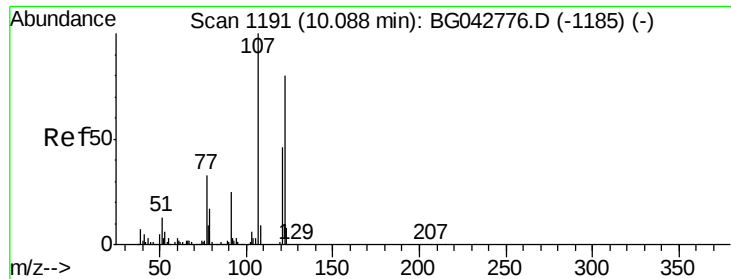
109 35.4 25.8 38.8

65 65.7 52.2 78.2



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

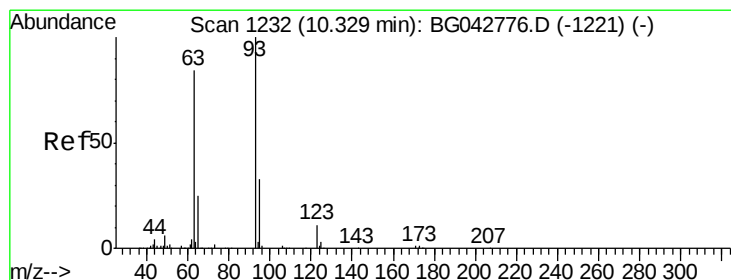
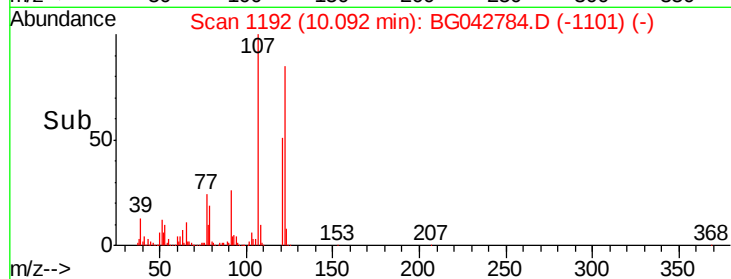
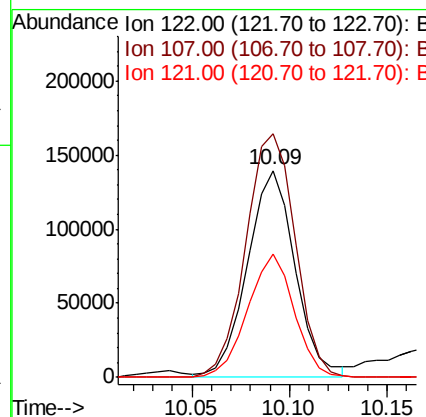
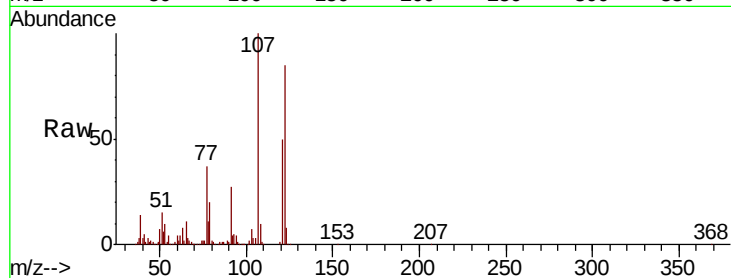




#27
 2,4-Dimethylphenol
 Concen: 51.221 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

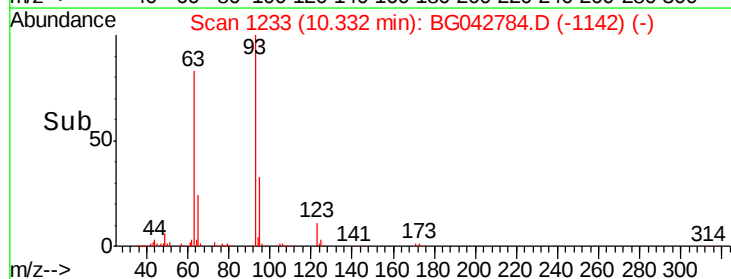
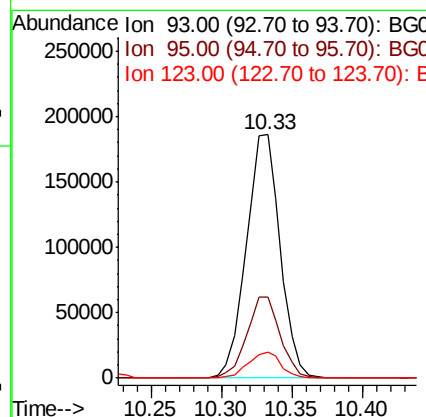
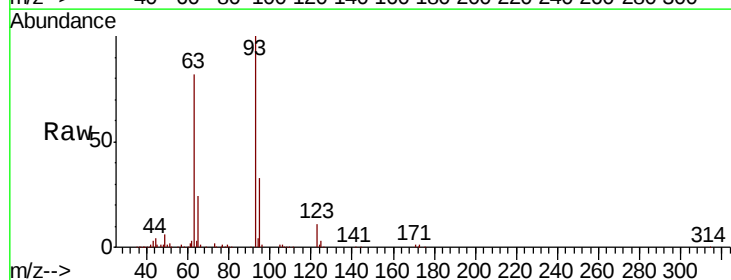
Instrument :
 BNA_G
 ClientSampleId :

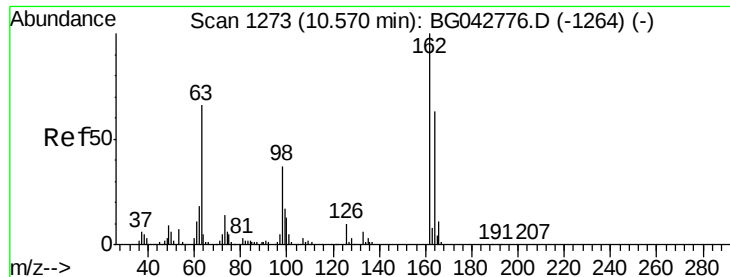
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.7	98.9	148.3
121	59.4	46.2	69.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.520 ng
 RT: 10.33 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.6	40.0
123	10.9	9.0	13.6

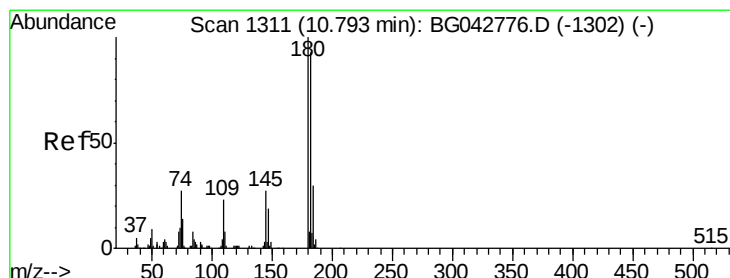
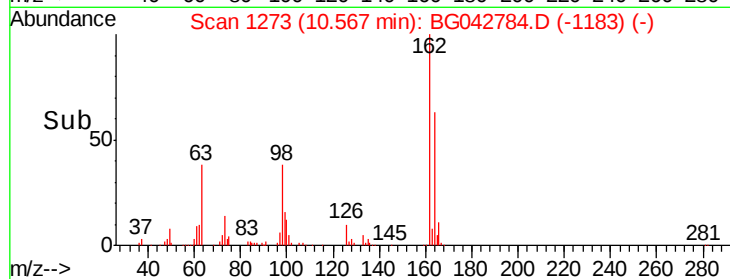
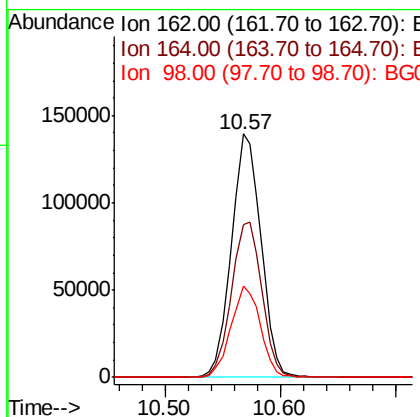
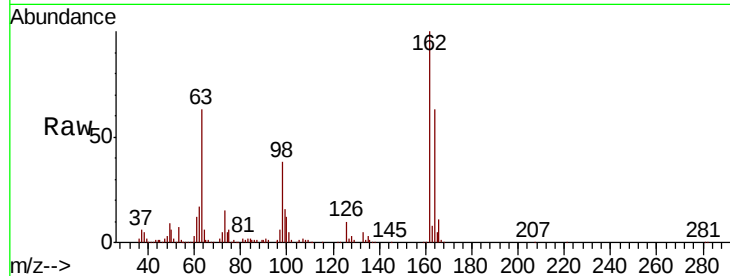




#29
 2,4-Dichlorophenol
 Concen: 46.188 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

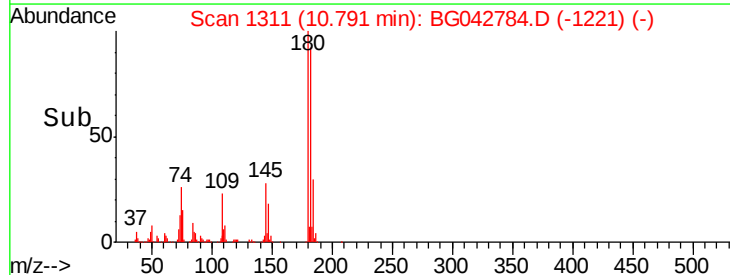
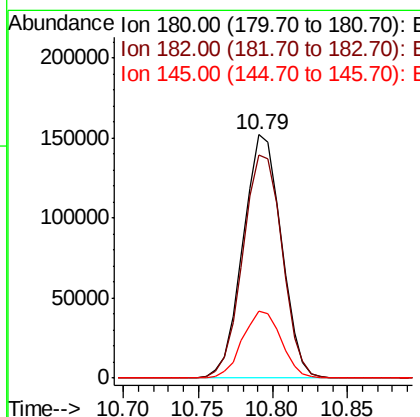
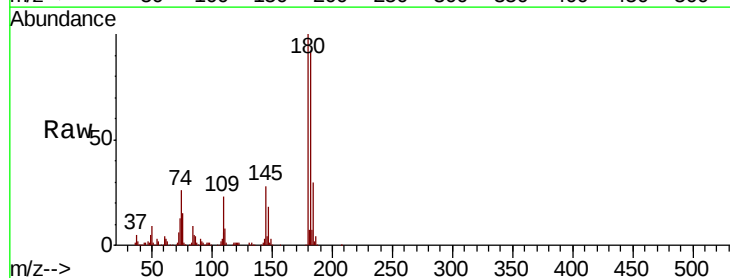
Instrument :
 BNA_G
 ClientSampleId :

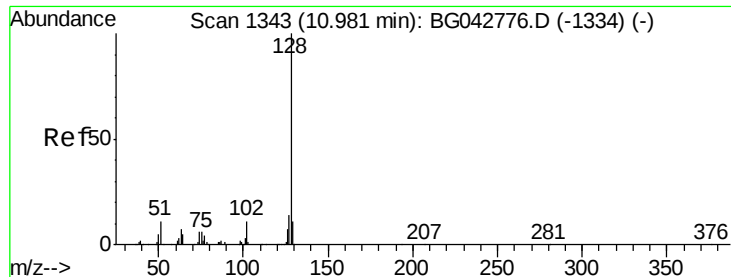
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	43.4	83.4
98	37.7	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.439 ng
 RT: 10.79 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	74.6	112.0
145	27.7	21.8	32.6

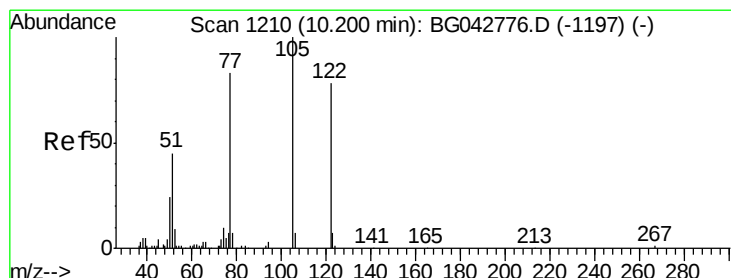
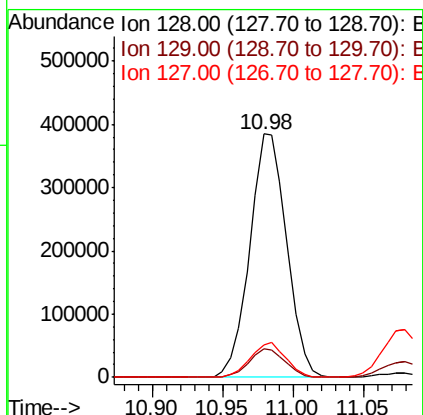
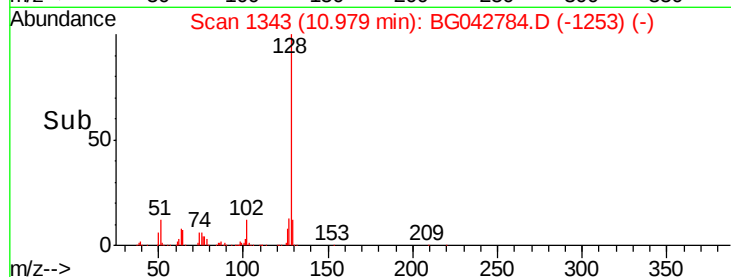
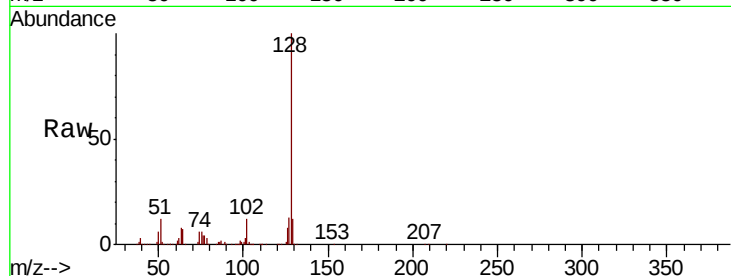




#31
Naphthalene
Concen: 43.493 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

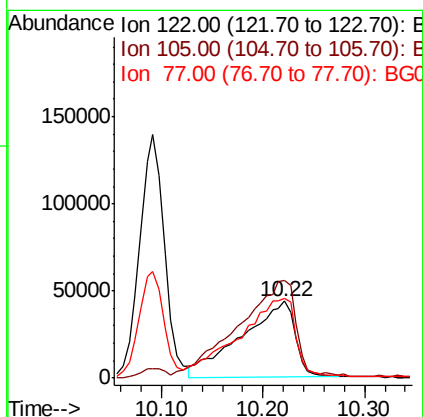
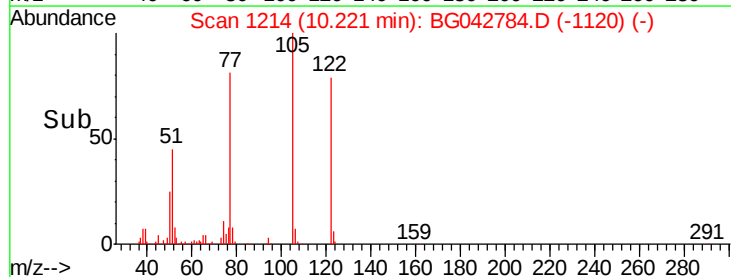
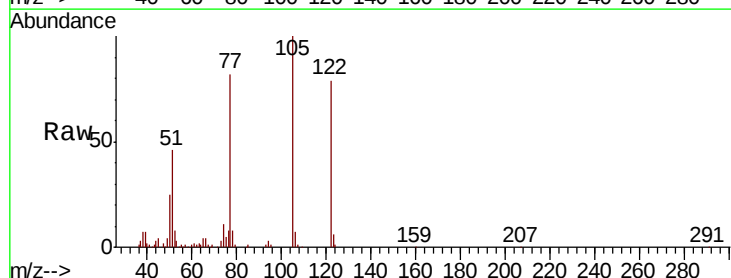
Instrument :
BNA_G
ClientSampleId :

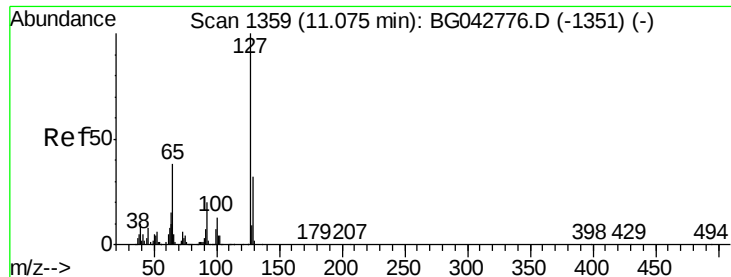
Tot Ion:128 Resp: 705244
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.3 11.4 17.2



#32
Benzoic acid
Concen: 43.178 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion:122 Resp: 158299
Ion Ratio Lower Upper
122 100
105 126.3 104.0 144.0
77 102.9 84.2 124.2

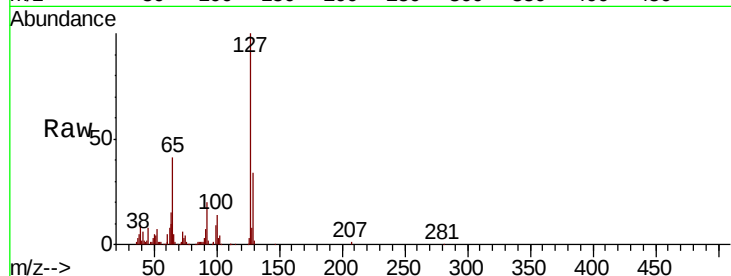




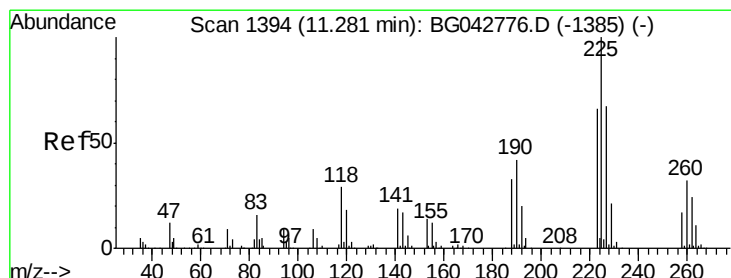
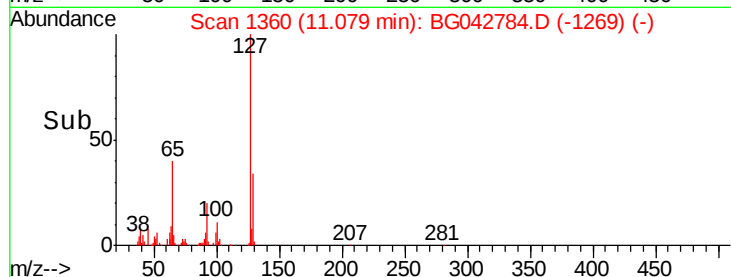
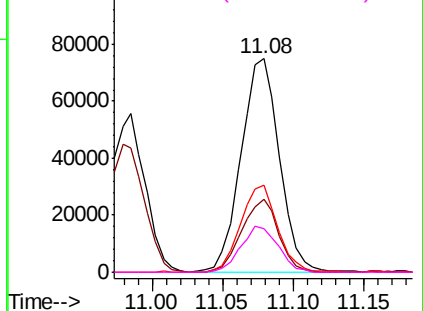
#33
4-Chloroaniline
Concen: 18.691 ng
RT: 11.08 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	141659
Ion	Ratio	Lower	Upper
127	100		
129	34.4	25.8	38.6
65	40.6	30.5	45.7
92	20.1	15.9	23.9

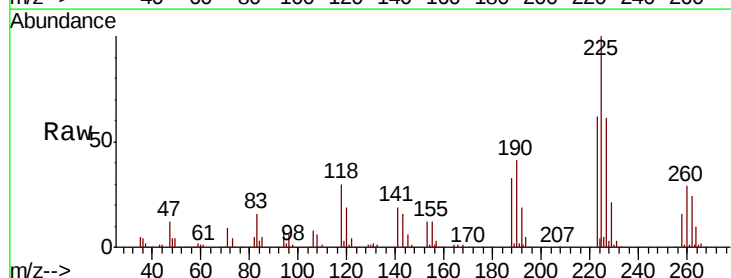


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

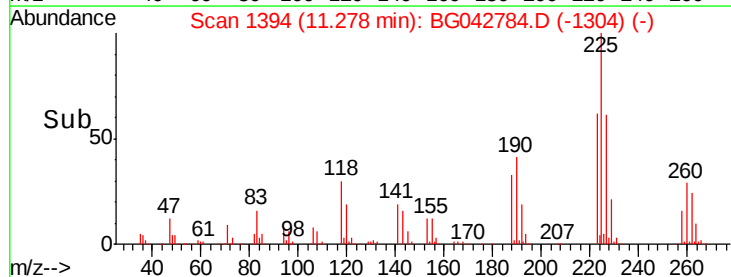
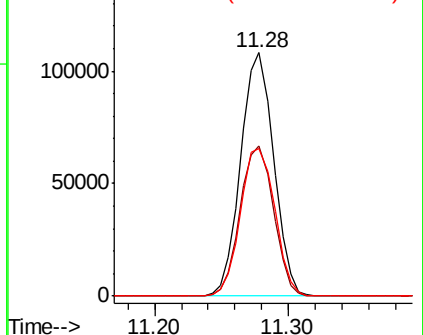


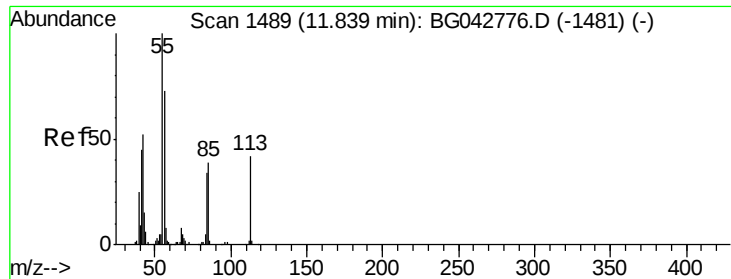
#34
Hexachlorobutadiene
Concen: 40.443 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion:	225	Resp:	185159
Ion	Ratio	Lower	Upper
225	100		
223	61.9	52.6	79.0
227	60.7	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

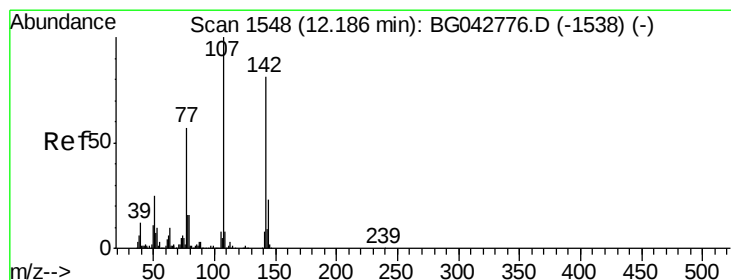
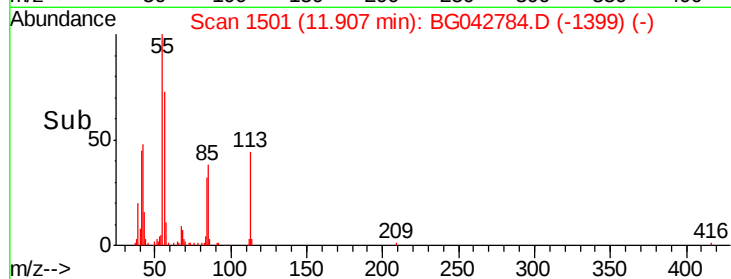
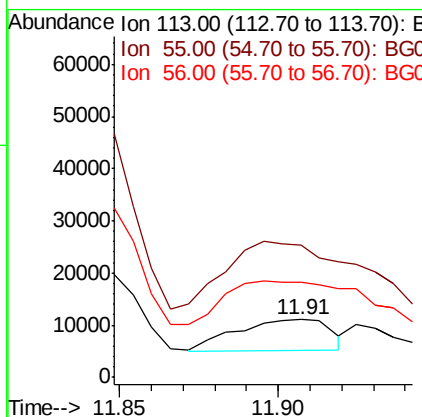
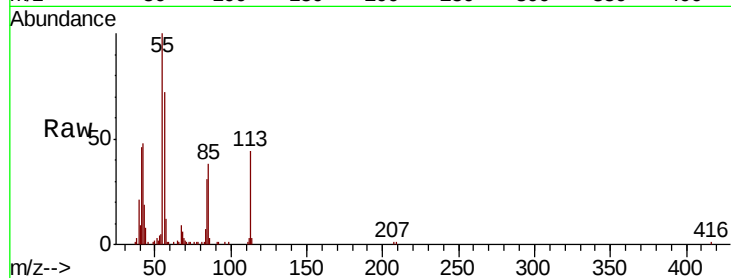




#35
Caprolactam
Concen: 6.245 ng
RT: 11.91 min Scan# 1501
Delta R.T. 0.07 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

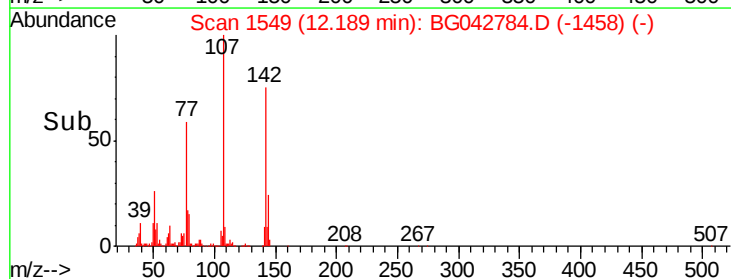
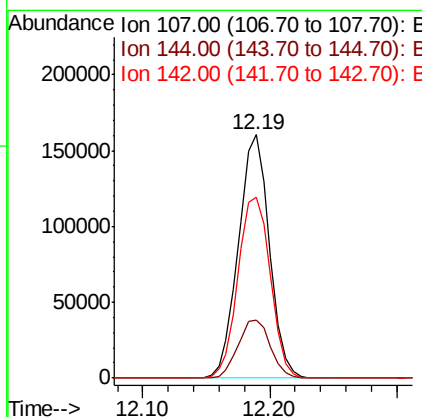
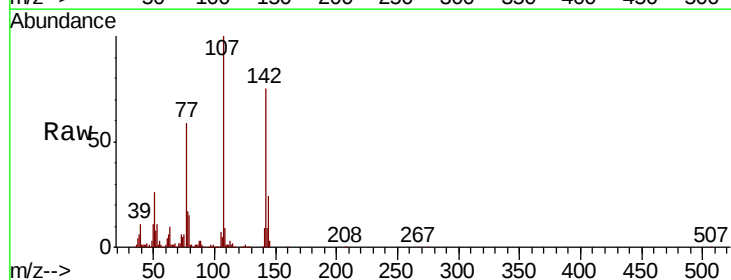
Instrument :
BNA_G
ClientSampleId :

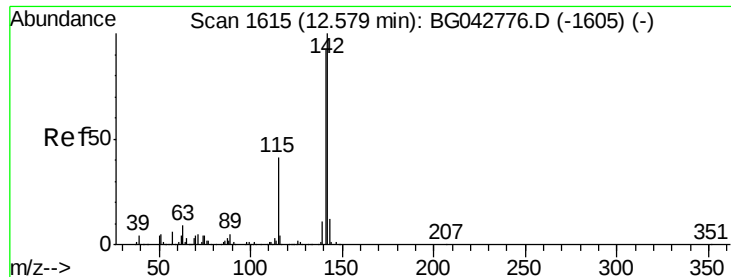
Tot Ion:113 Resp: 12429
Ion Ratio Lower Upper
113 100
55 229.7 218.4 258.4
56 165.0 154.8 194.8



#36
4-Chloro-3-methylphenol
Concen: 46.797 ng
RT: 12.19 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion:107 Resp: 271947
Ion Ratio Lower Upper
107 100
144 23.9 18.7 28.1
142 74.6 65.0 97.4

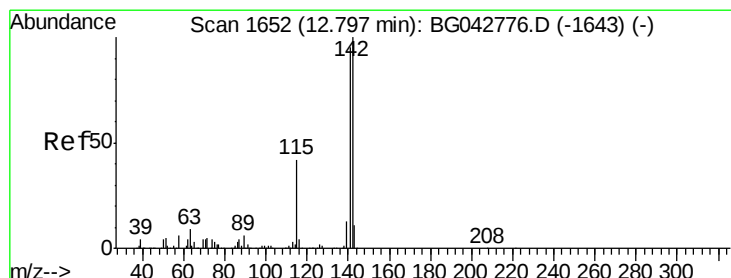
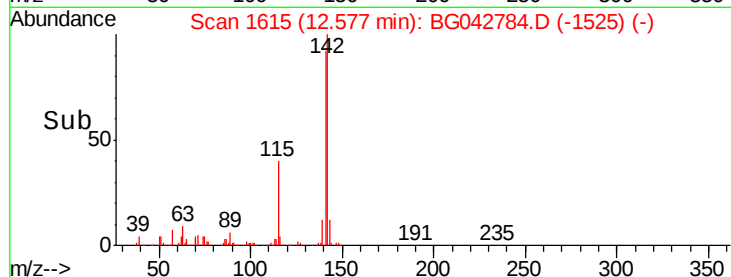
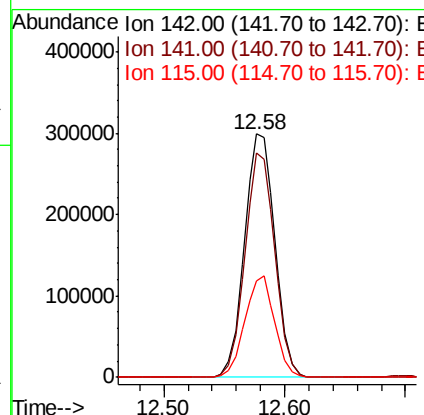
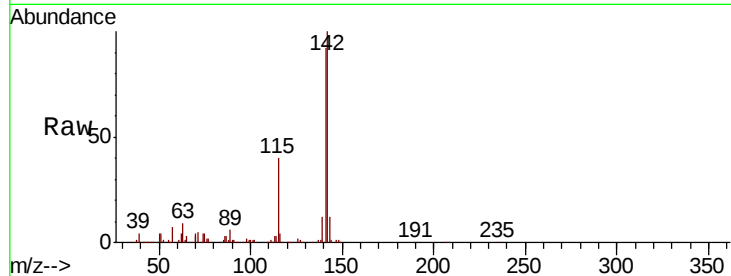




#37
2-Methylnaphthalene
Concen: 43.097 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

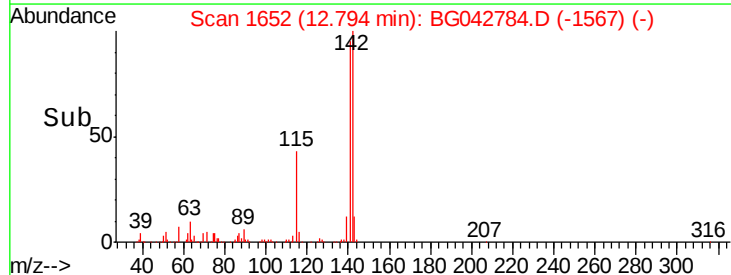
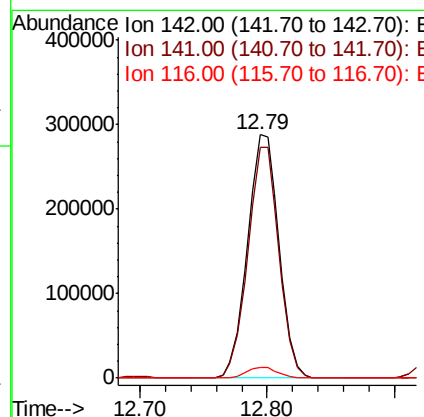
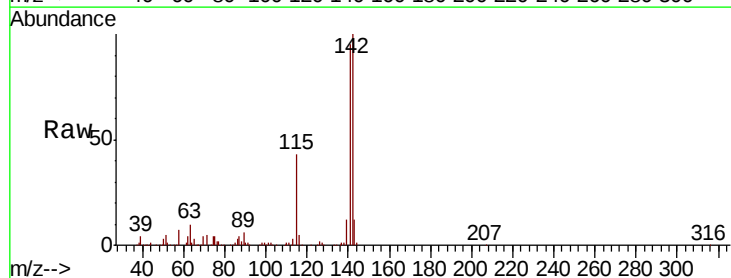
Instrument :
BNA_G
ClientSampleId :

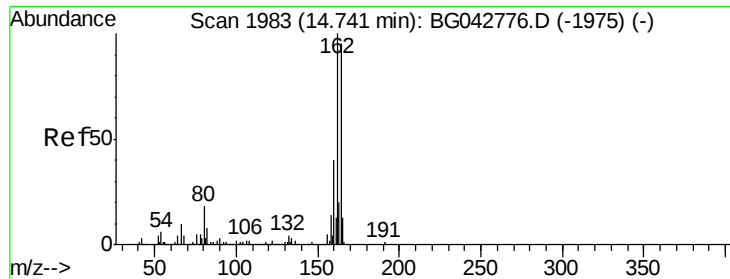
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.8	110.8
115	39.6	33.0	49.4



#38
1-Methylnaphthalene
Concen: 43.469 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	76.3	114.5
116	4.5	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

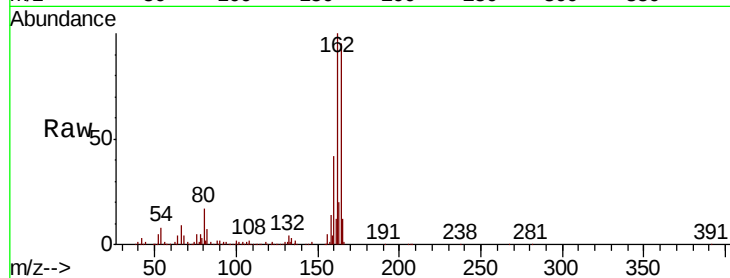
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 224517

Ion	Ratio	Lower	Upper
164	100		
162	105.3	84.6	126.8
160	43.7	34.2	51.2

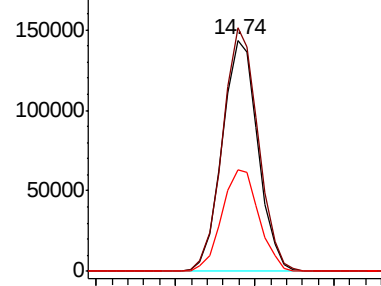


Abundance

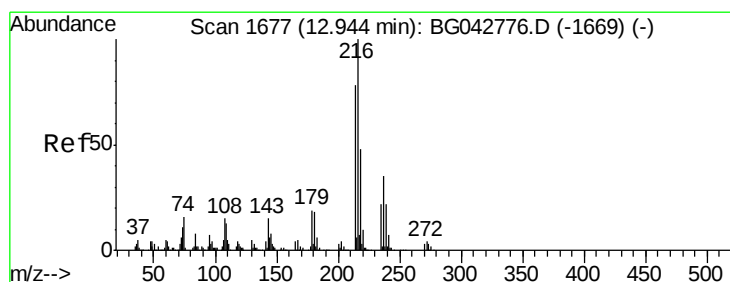
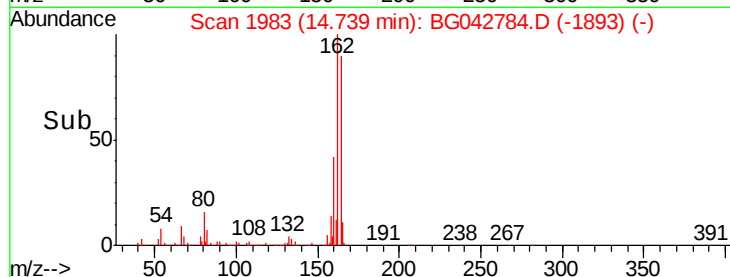
Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 14.65 14.70 14.75 14.80



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.376 ng

RT: 12.94 min Scan# 1677

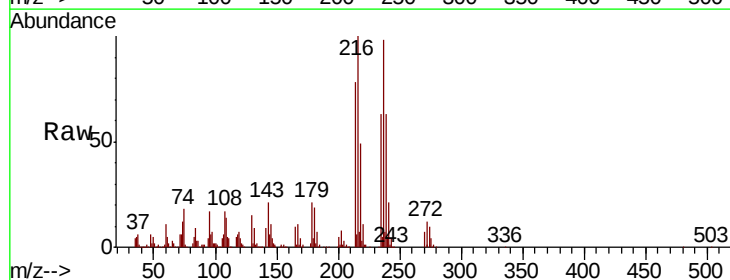
Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Tgt Ion:216 Resp: 321809

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.8	94.2
179	20.0	15.3	22.9
108	18.4	12.9	19.3



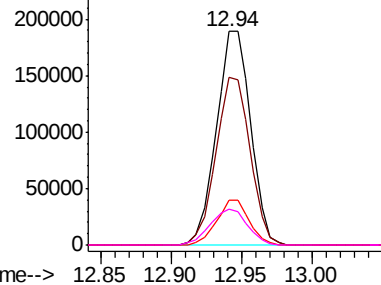
Abundance

Ion 216.00 (215.70 to 216.70): E

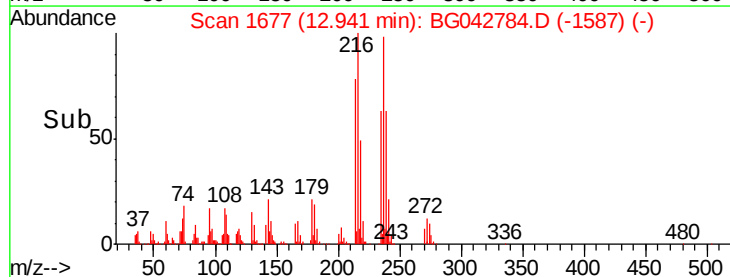
Ion 214.00 (213.70 to 214.70): E

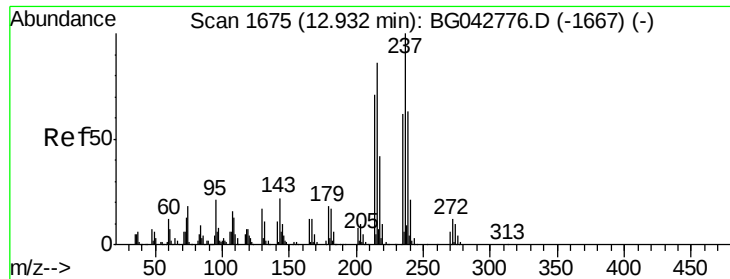
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 12.85 12.90 12.95 13.00

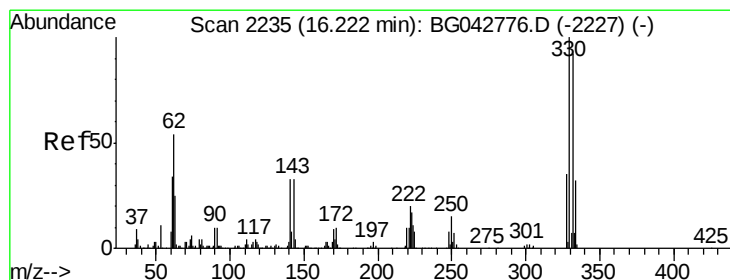
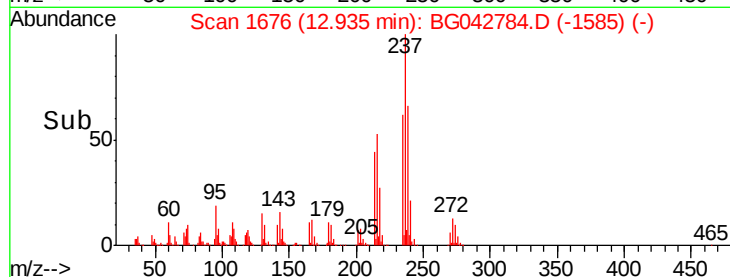
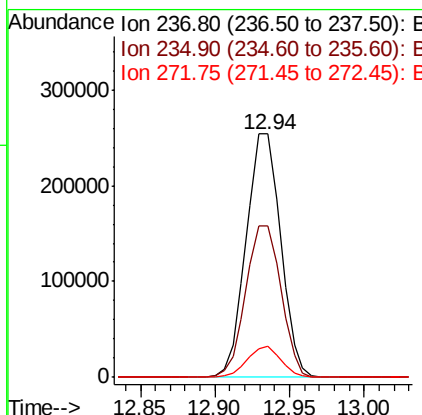
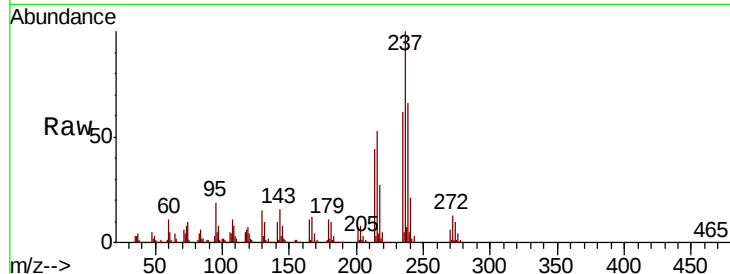




#41
Hexachlorocyclopentadiene
Concen: 95.763 ng
RT: 12.94 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

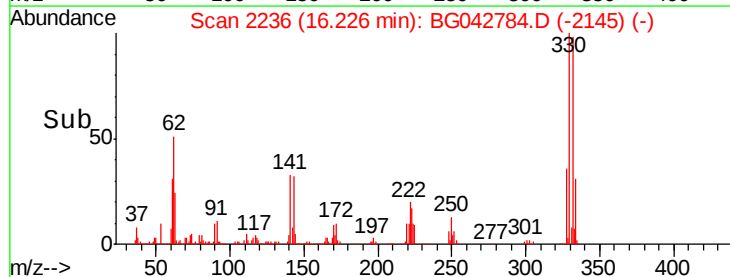
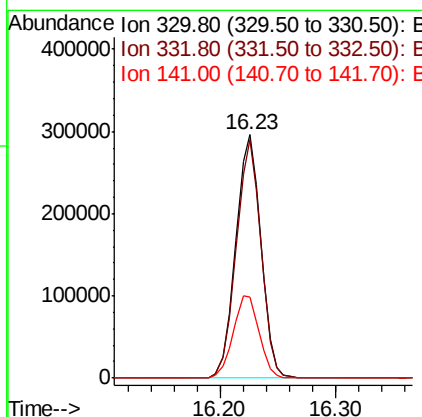
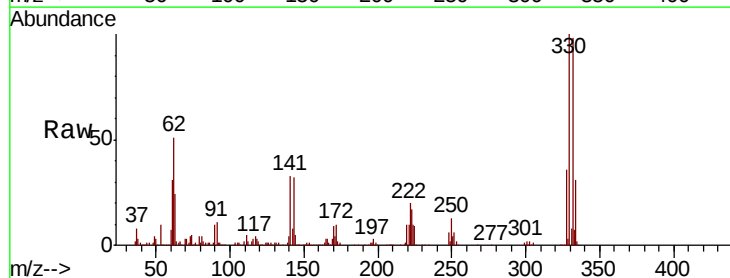
Instrument :
BNA_G
ClientSampleId :

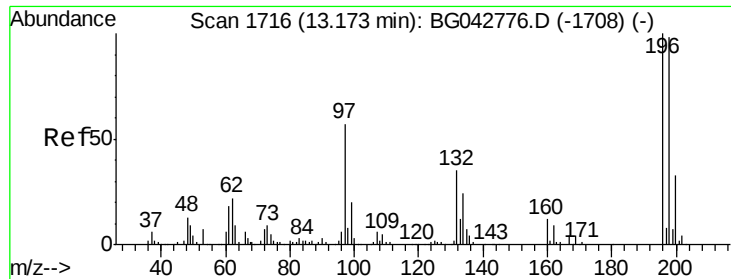
Tot Ion:237 Resp: 407008
Ion Ratio Lower Upper
237 100
235 62.4 41.9 81.9
272 12.8 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 149.262 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion:330 Resp: 445849
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 35.0 27.0 40.6

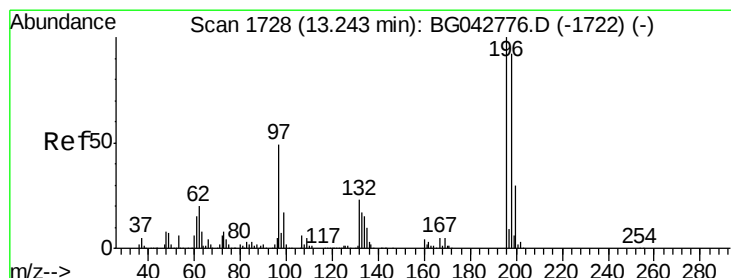
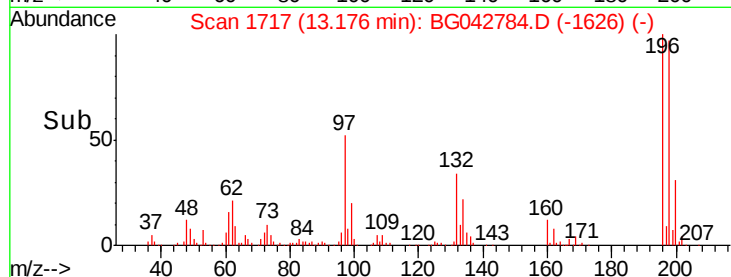
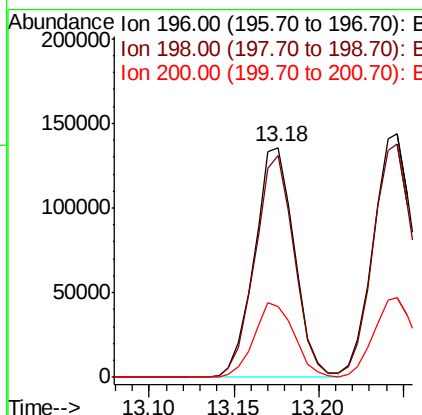
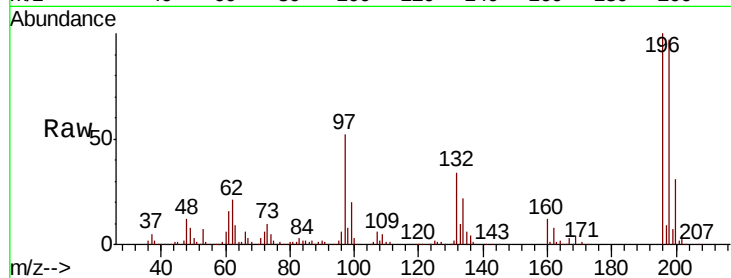




#43
2,4,6-Trichlorophenol
Concen: 45.132 ng
RT: 13.18 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

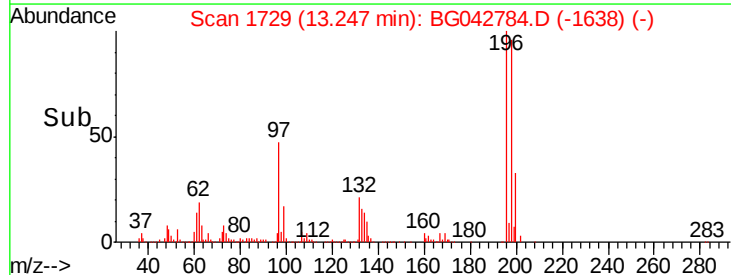
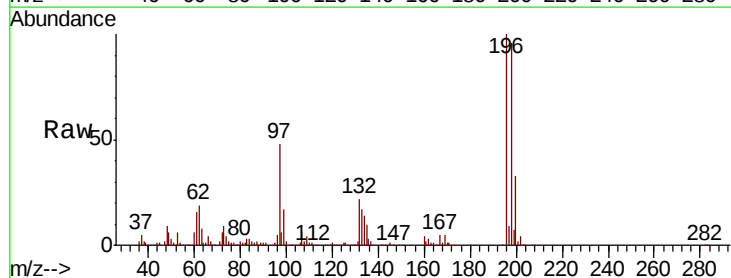
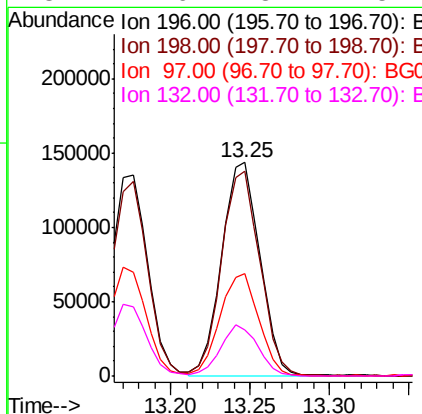
Instrument :
BNA_G
ClientSampled :

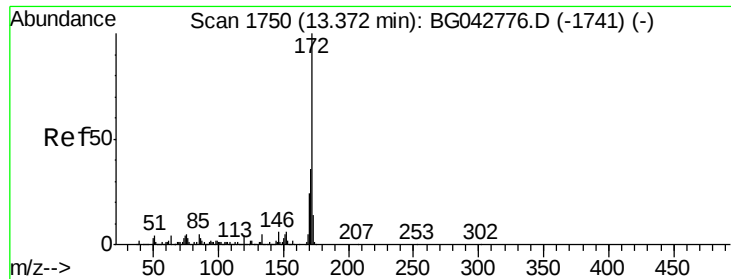
Tot Ion	196	Resp	222917
Ion Ratio	Lower	Upper	
196	100		
198	96.6	78.8	118.2
200	30.7	26.2	39.4



#44
2,4,5-Trichlorophenol
Concen: 47.394 ng
RT: 13.25 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	196	Resp	239775
Ion Ratio	Lower	Upper	
196	100		
198	95.8	73.4	110.0
97	48.0	39.2	58.8
132	21.6	18.7	28.1





#45

2-Fluorobiphenyl

Concen: 96.890 ng

RT: 13.37 min Scan# 1750

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

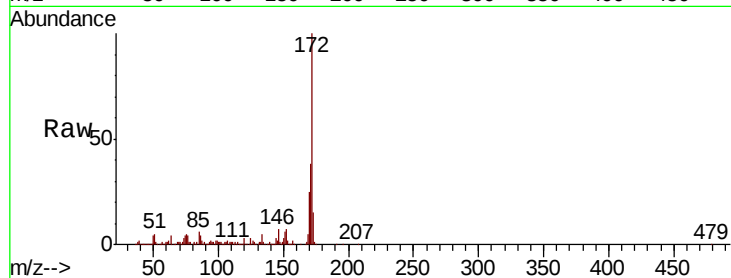
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 1374250

Ion	Ratio	Lower	Upper
172	100		
171	38.4	28.9	43.3
170	25.2	19.1	28.7

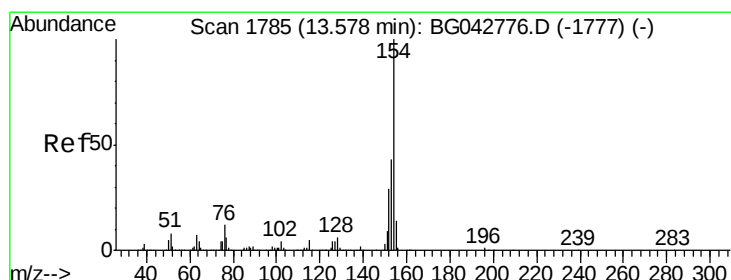
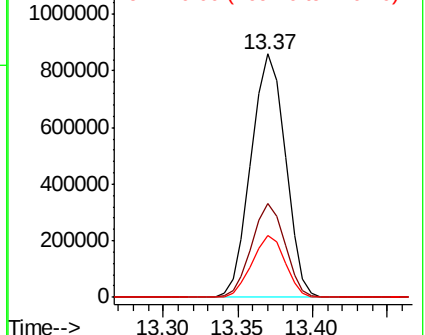
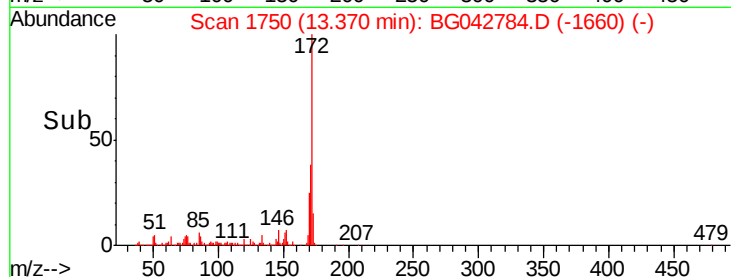


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 44.354 ng

RT: 13.58 min Scan# 1786

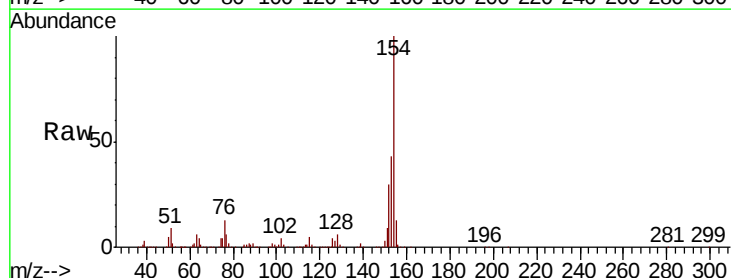
Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Tgt Ion:154 Resp: 697137

Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.6	62.6
76	12.7	0.0	32.2

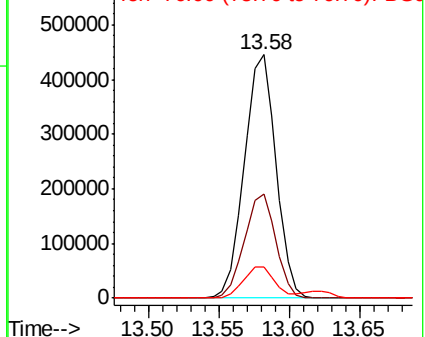
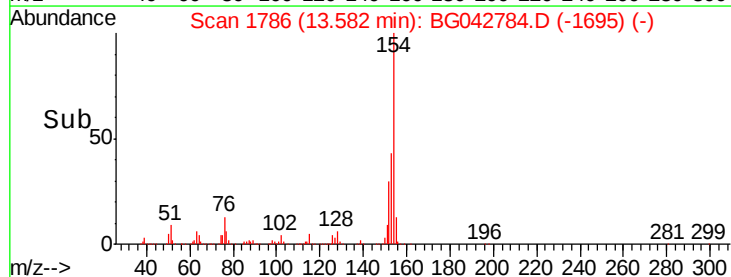


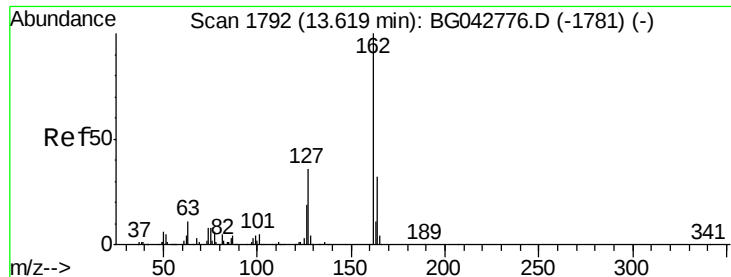
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 42.412 ng

RT: 13.62 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

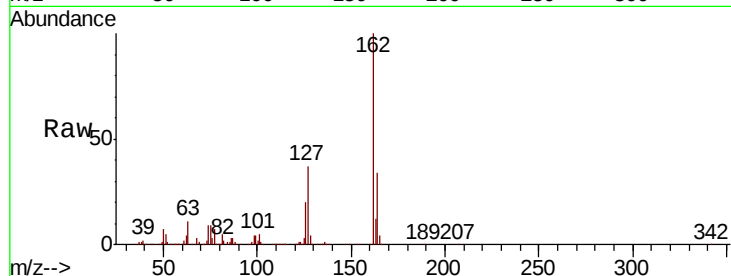
Tot Ion:162 Resp: 551442

Ion Ratio Lower Upper

162 100

127 37.3 29.3 43.9

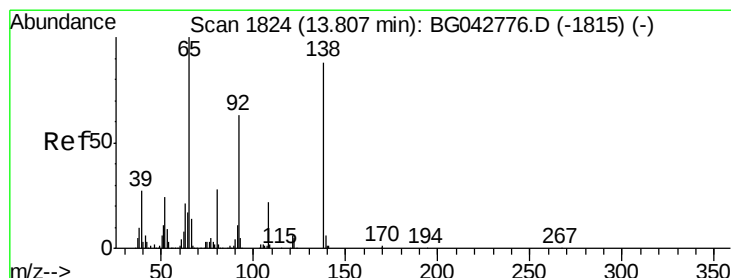
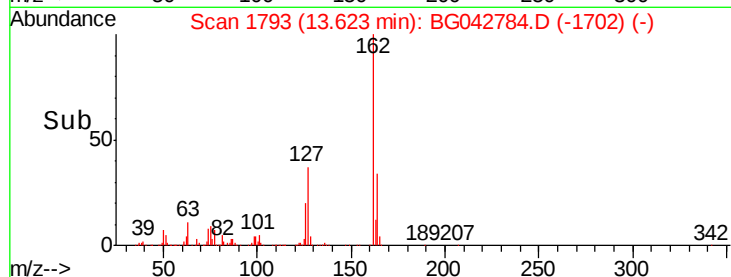
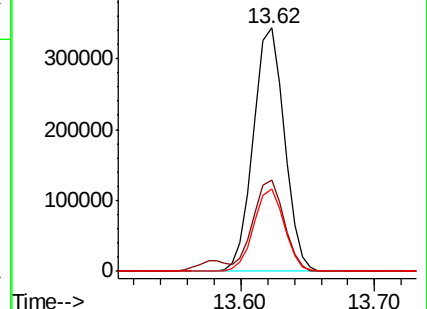
164 33.9 26.0 39.0



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: 45.769 ng

RT: 13.81 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

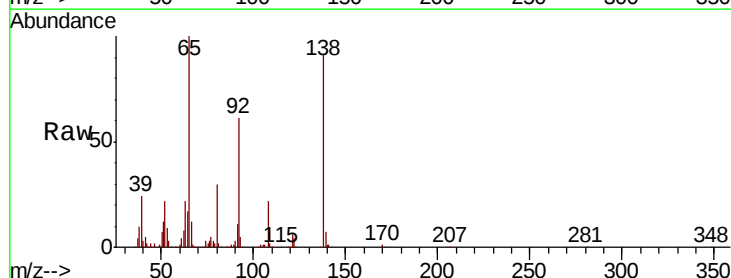
Tgt Ion: 65 Resp: 206436

Ion Ratio Lower Upper

65 100

92 61.4 50.4 75.6

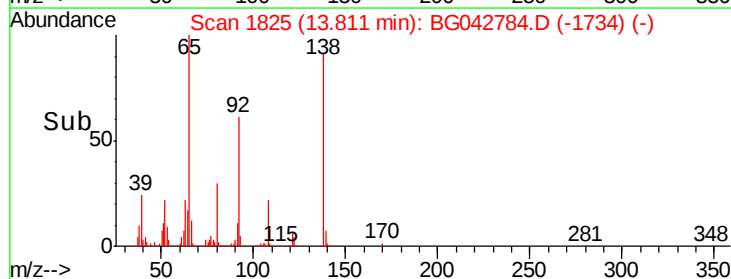
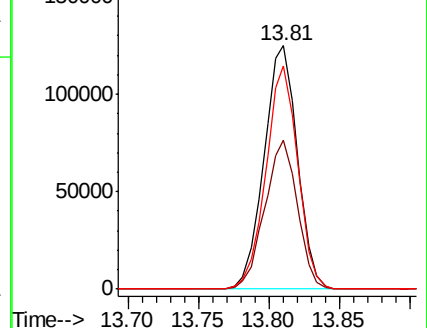
138 91.5 70.6 106.0

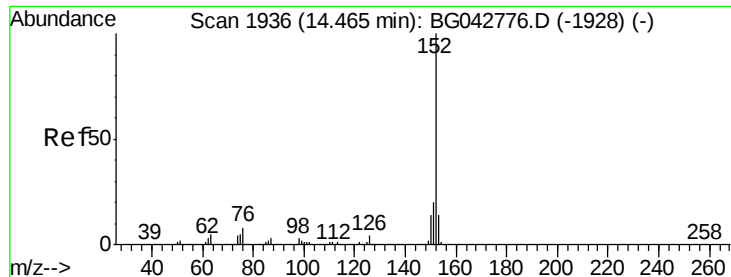


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.754 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

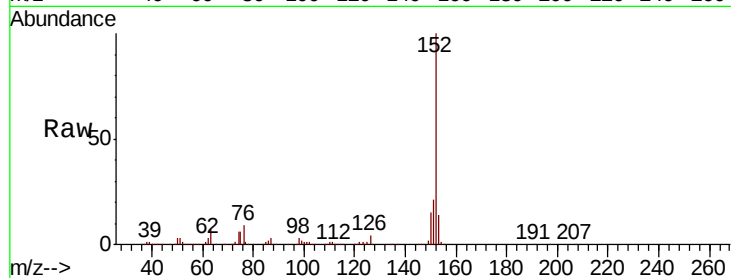
Tot Ion:152 Resp: 889234

Ion Ratio Lower Upper

152 100

151 21.2 16.0 24.0

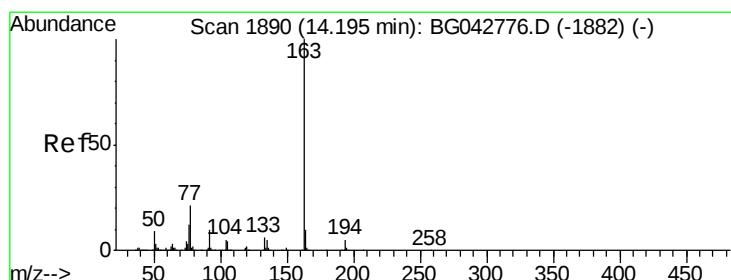
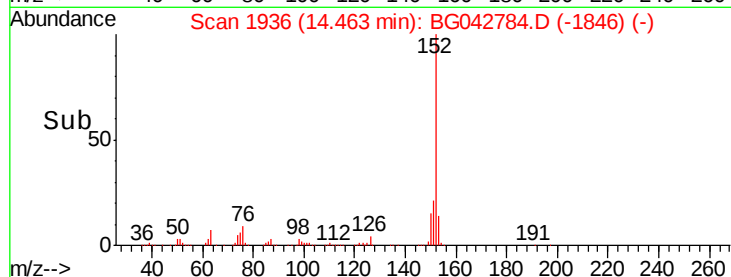
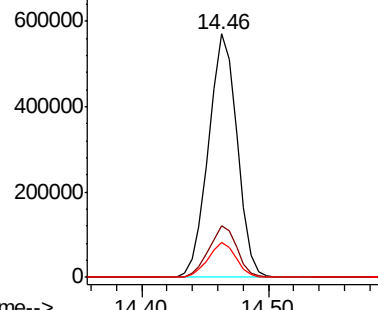
153 14.3 11.4 17.0



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: 42.996 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

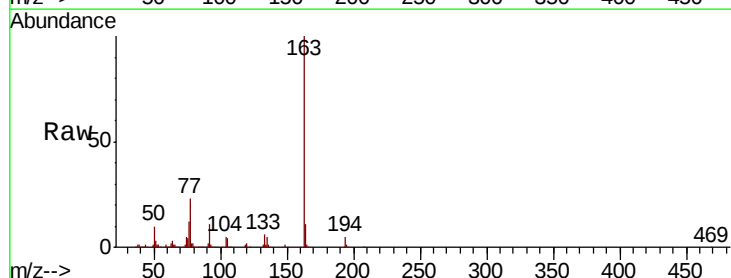
Tgt Ion:163 Resp: 723150

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.4

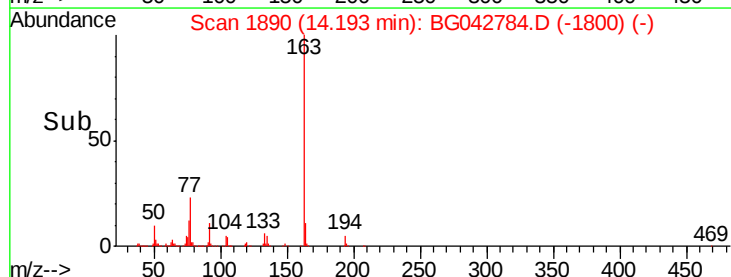
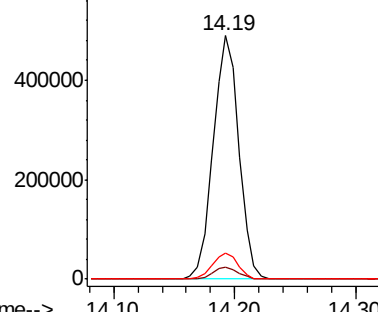
164 10.5 8.4 12.6

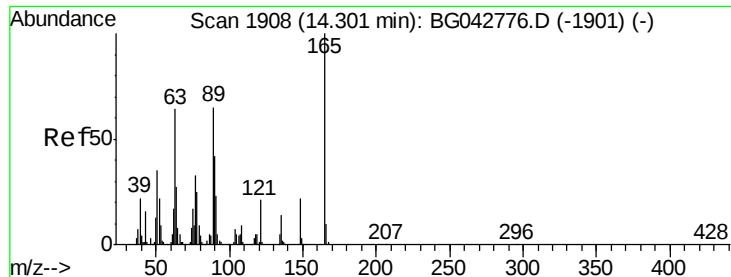


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.192 ng

RT: 14.30 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

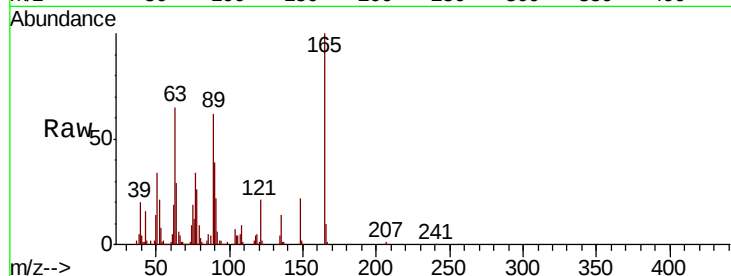
Tot Ion:165 Resp: 162867

Ion Ratio Lower Upper

165 100

63 65.2 52.1 78.1

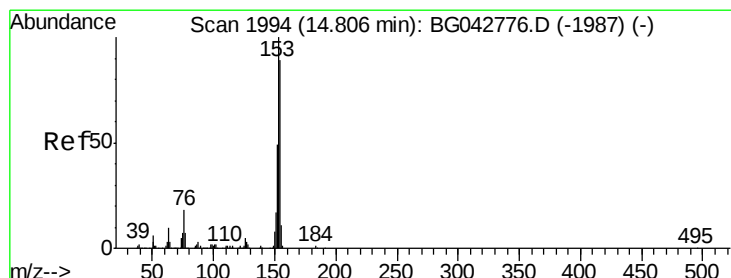
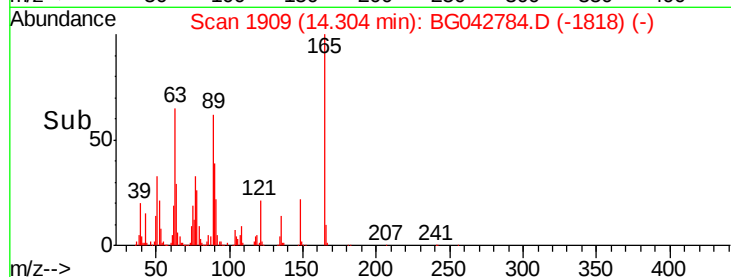
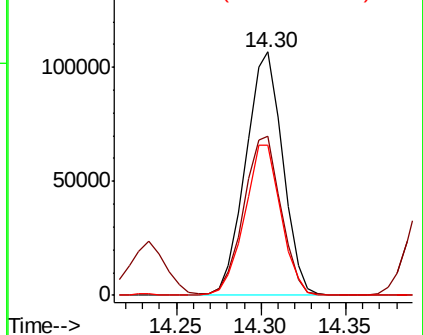
89 61.5 51.7 77.5



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: 47.246 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

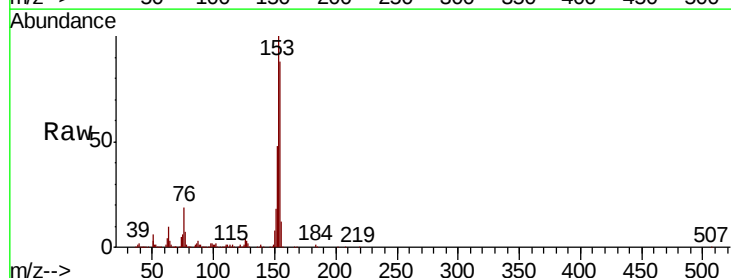
Tgt Ion:154 Resp: 613275

Ion Ratio Lower Upper

154 100

153 113.1 89.4 134.2

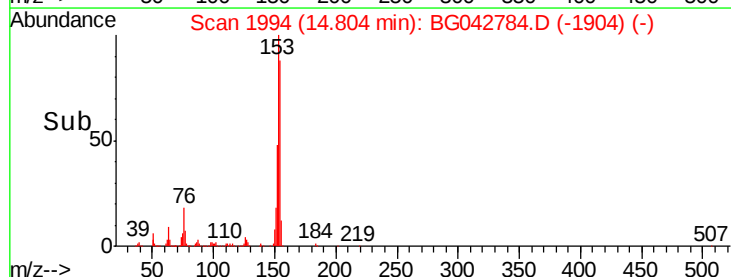
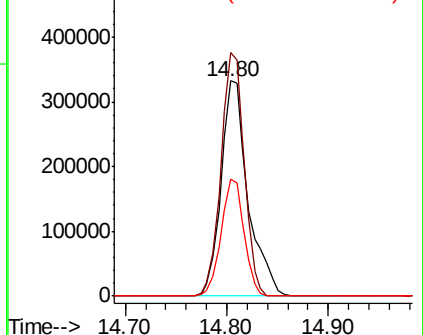
152 54.4 43.5 65.3

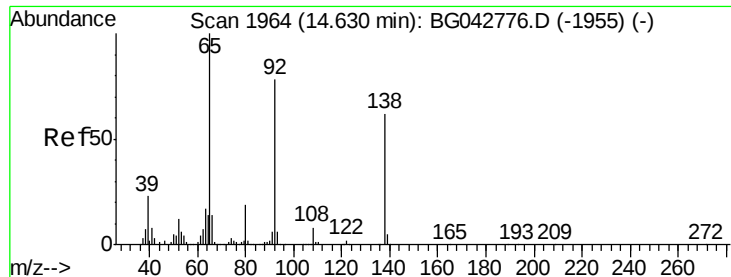


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

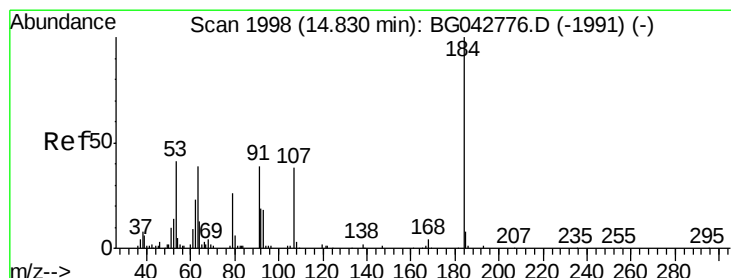
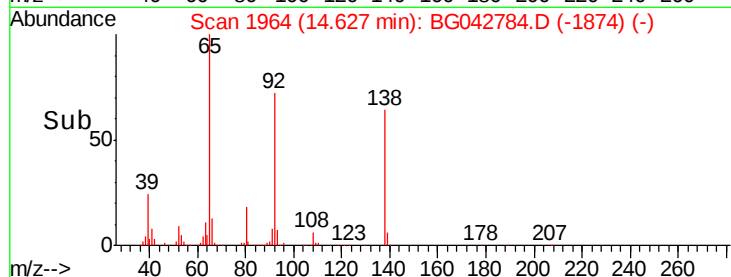
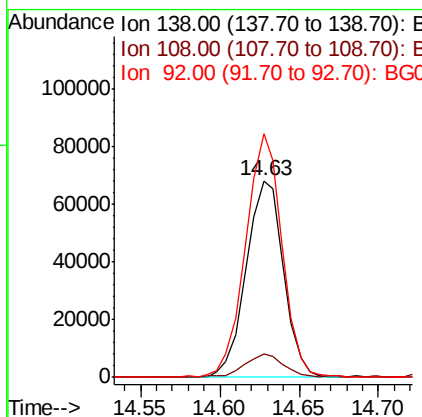
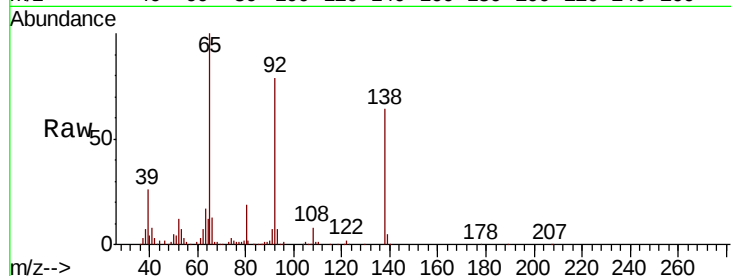




#53
 3-Nitroaniline
 Concen: 28.798 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

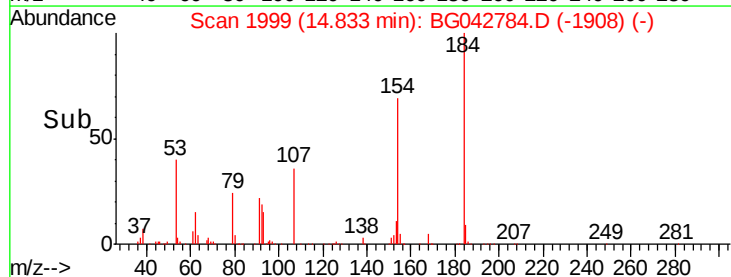
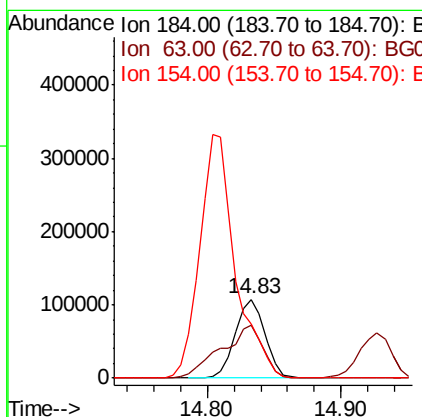
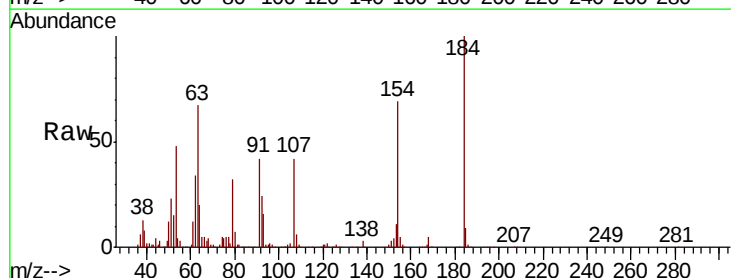
Instrument :
 BNA_G
 ClientSampleId :

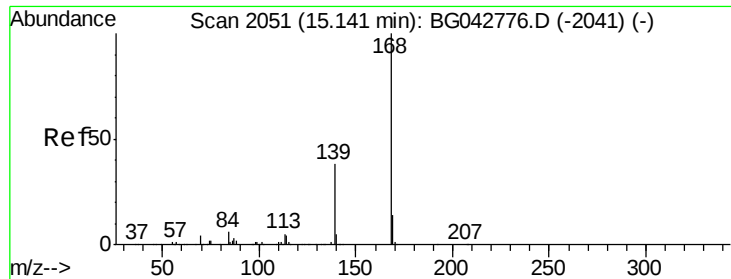
Tot Ion:138 Resp: 111543
 Ion Ratio Lower Upper
 138 100
 108 11.9 10.7 16.1
 92 123.7 100.5 150.7



#54
 2,4-Dinitrophenol
 Concen: 97.435 ng
 RT: 14.83 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Tgt Ion:184 Resp: 165536
 Ion Ratio Lower Upper
 184 100
 63 67.0 46.2 69.4
 154 69.5 81.3 121.9#

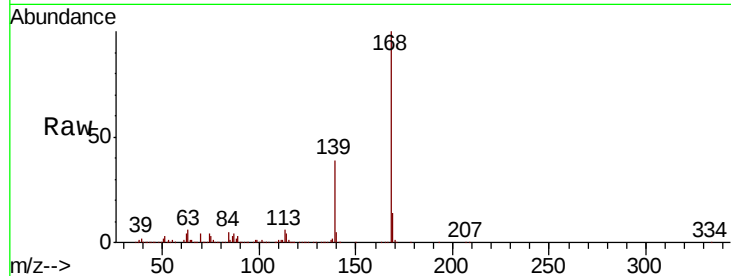




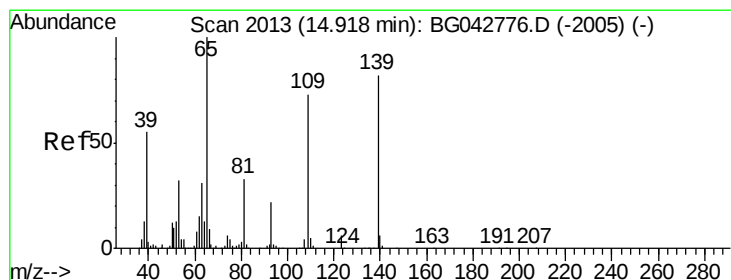
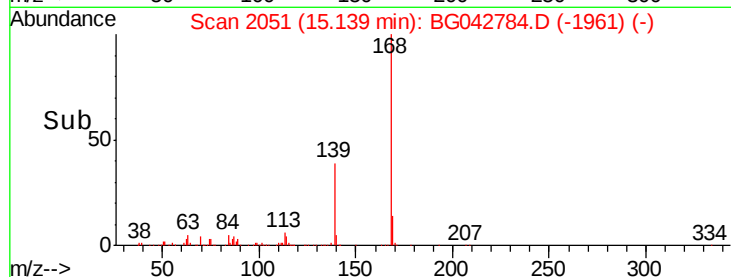
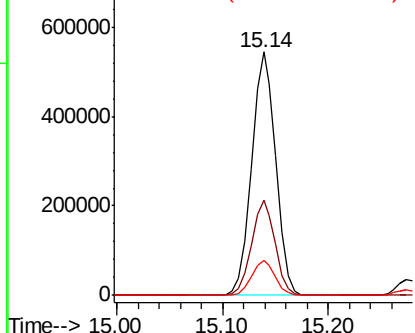
#55
Dibenzenofuran
Concen: 44.583 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.2	45.4
169	14.4	11.2	16.8

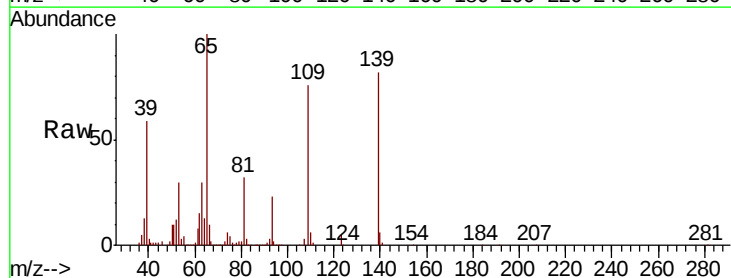


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

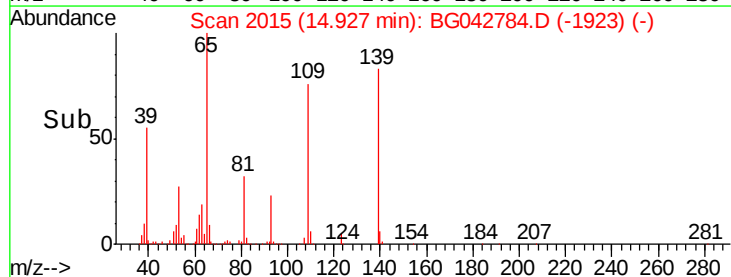
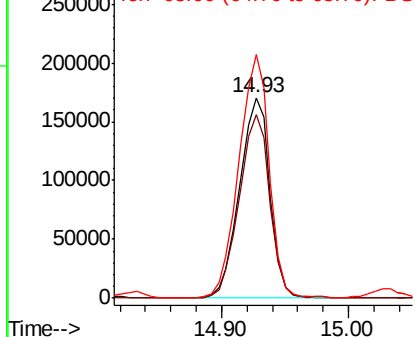


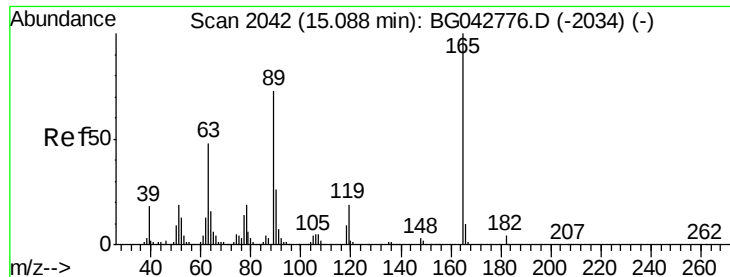
#56
4-Nitrophenol
Concen: 94.416 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.8	69.4	109.4
65	121.5	102.5	142.5



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





#57

2,4-Dinitrotoluene

Concen: 47.667 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG042784.D

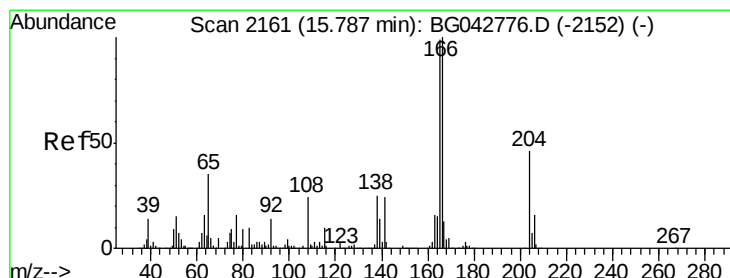
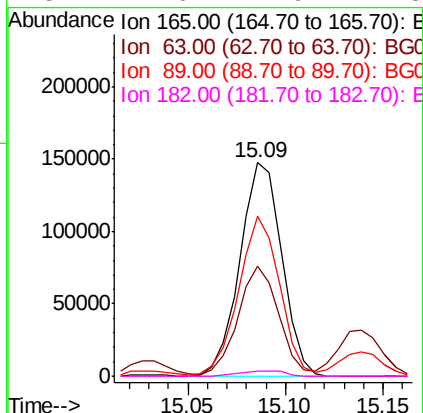
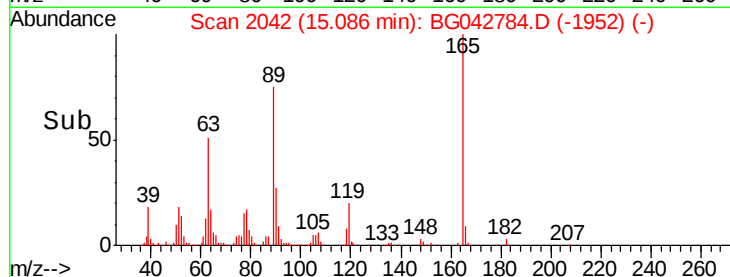
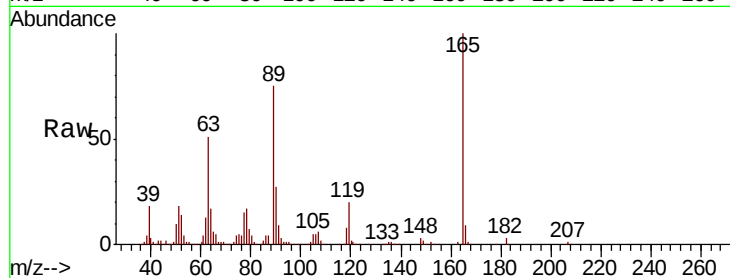
Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165	Resp:	219270
Ion Ratio	Lower	Upper
165	100	
63	51.3	38.3 57.5
89	74.7	58.4 87.6
182	2.6	2.9 4.3#



#58

Fluorene

Concen: 44.211 ng

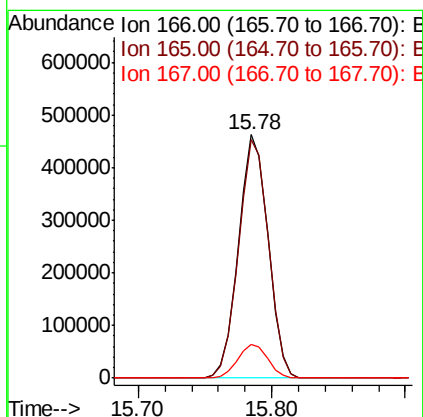
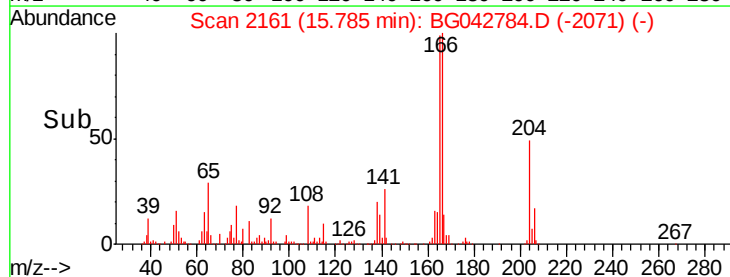
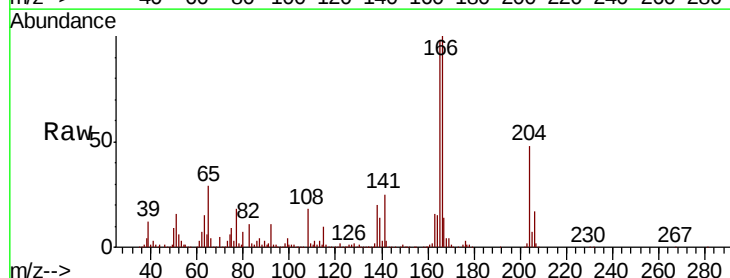
RT: 15.78 min Scan# 2161

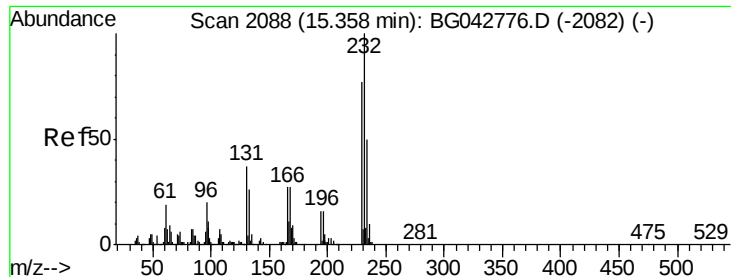
Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Tgt Ion:166	Resp:	706952
Ion Ratio	Lower	Upper
166	100	
165	98.1	79.1 118.7
167	14.0	10.7 16.1

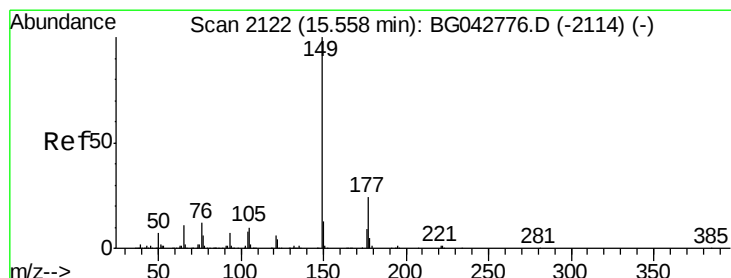
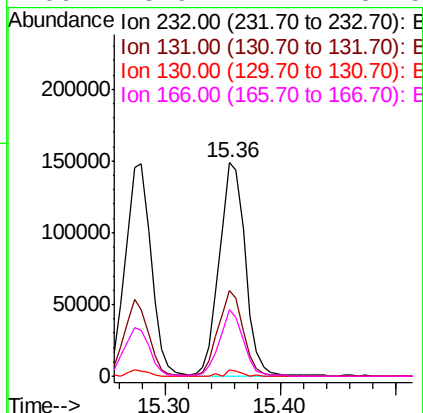
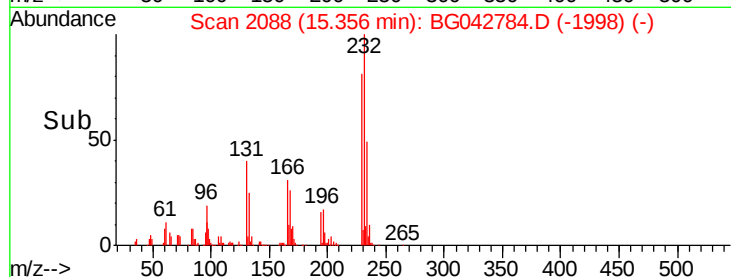
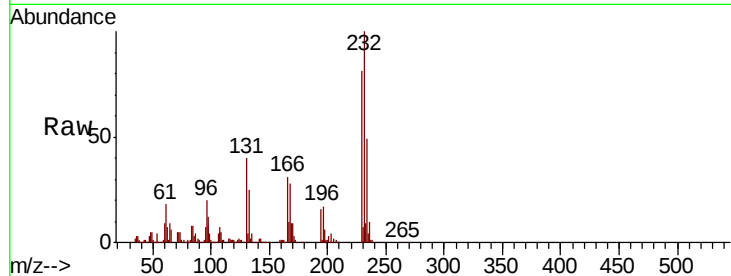




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.329 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

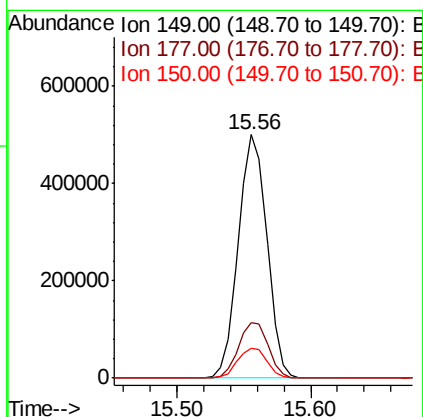
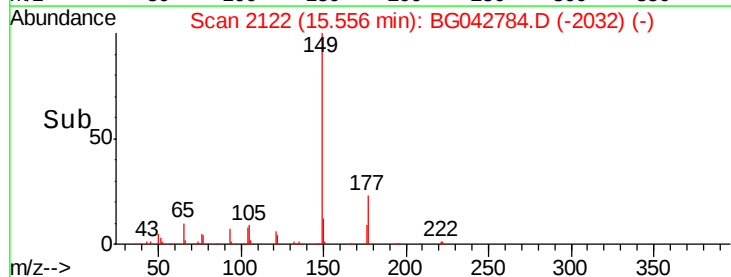
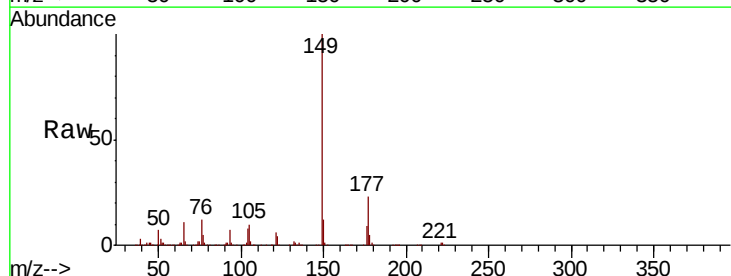
Instrument :
 BNA_G
 ClientSampleId :

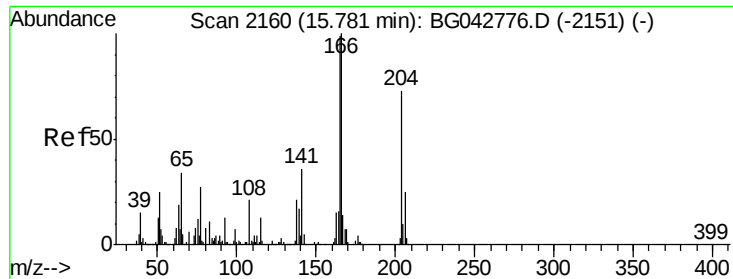
Tot Ion:232	Resp:	232117
Ion Ratio	Lower	Upper
232	100	
131	38.3	31.1 46.7
130	1.9	1.8 2.6
166	28.9	21.7 32.5



#60
 Diethylphthalate
 Concen: 43.400 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Tgt Ion:149	Resp:	740956
Ion Ratio	Lower	Upper
149	100	
177	23.0	19.4 29.0
150	12.3	10.2 15.4

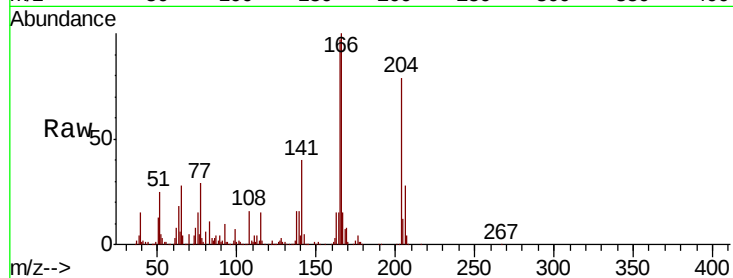




#61
4-Chlorophenyl-phenylether
Concen: 43.223 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.6	41.4
141	50.8	39.8	59.6

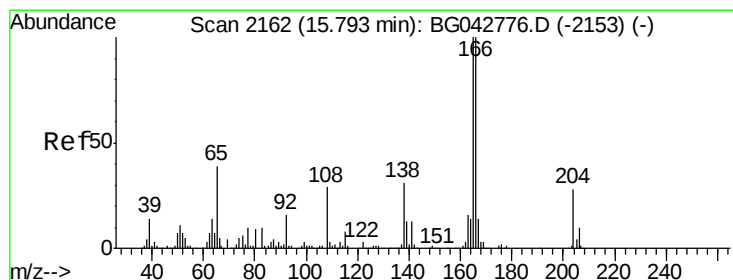
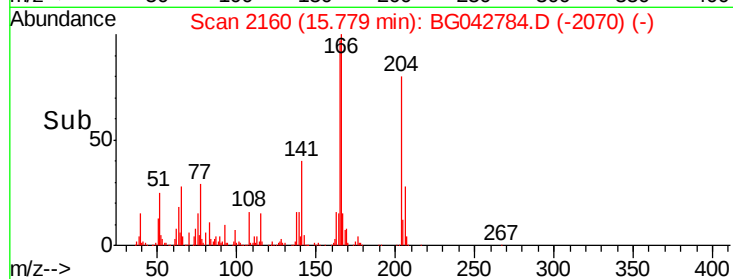
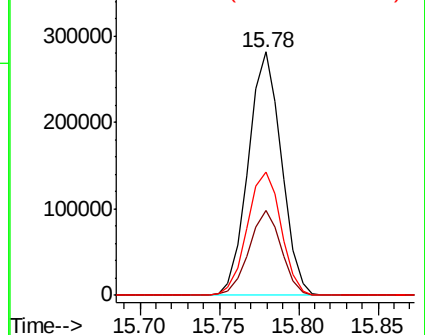


Abundance

Ion 204.00 (203.70 to 204.70): E

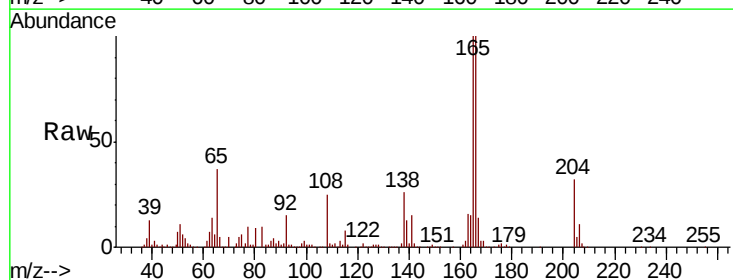
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.838 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.1	31.4	71.4
108	95.2	74.8	114.8

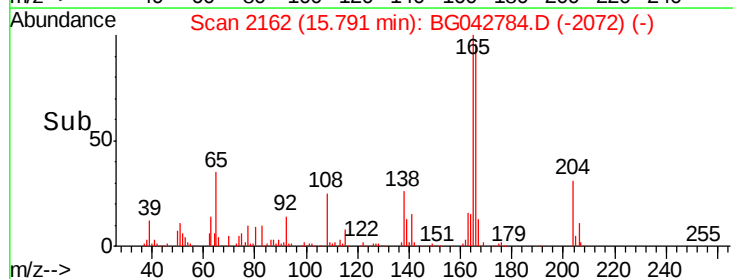
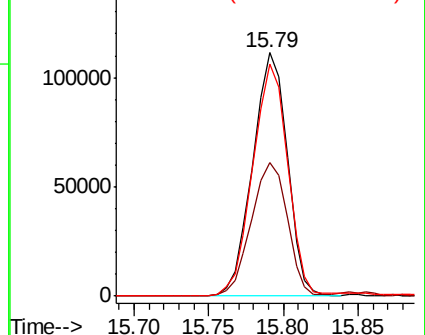


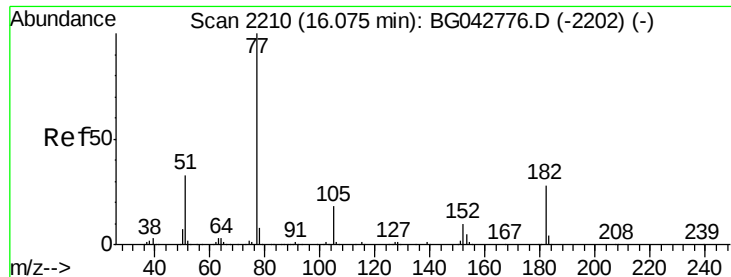
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

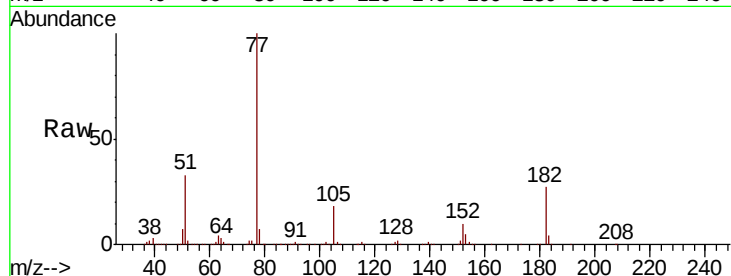




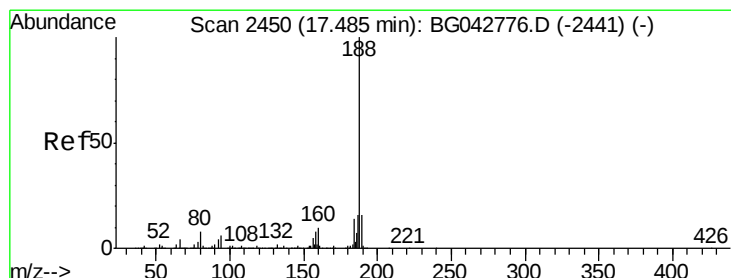
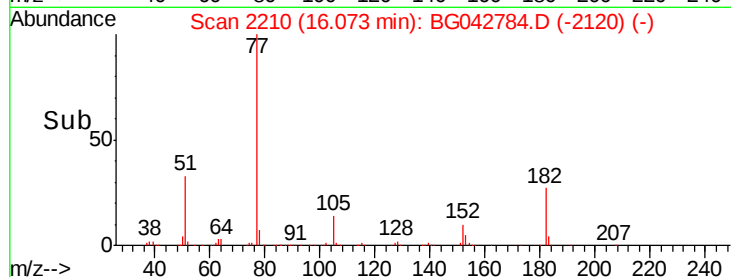
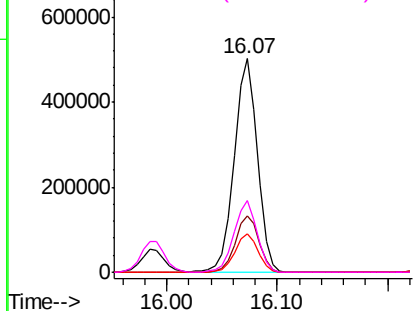
#63
Azobenzene
Concen: 44.851 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	737376
Ion	Ratio	Lower	Upper
77	100		
182	26.5	8.1	48.1
105	18.0	0.0	38.1
51	33.4	12.9	52.9

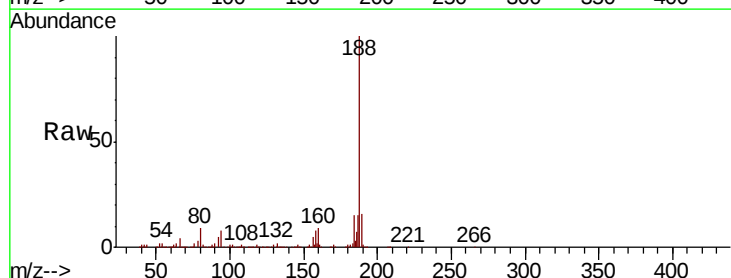


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

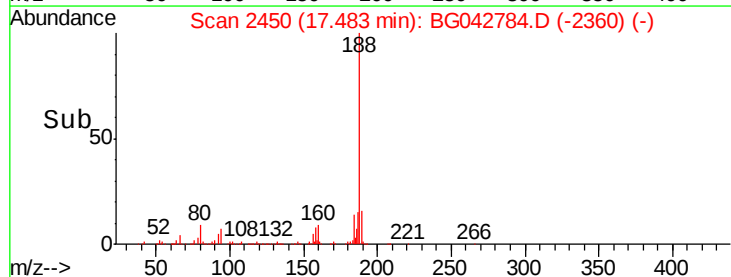
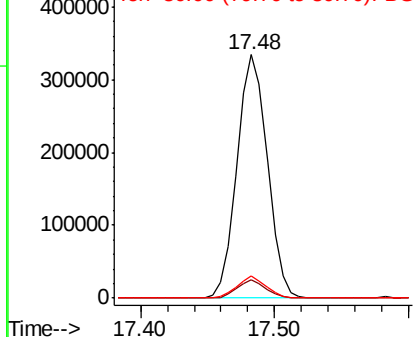


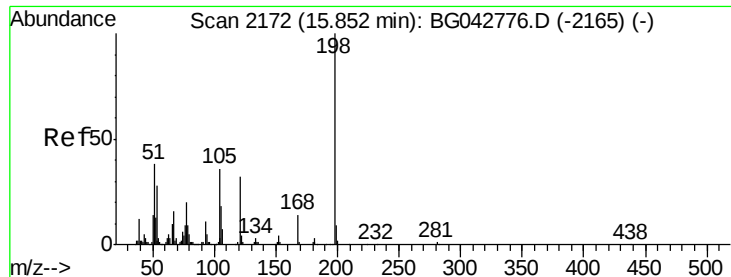
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion:	188	Resp:	524839
Ion	Ratio	Lower	Upper
188	100		
94	7.5	4.8	7.2#
80	9.3	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

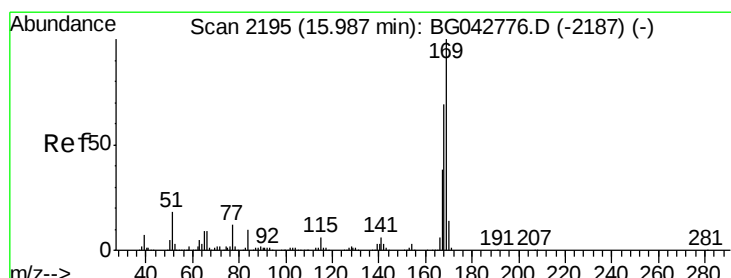
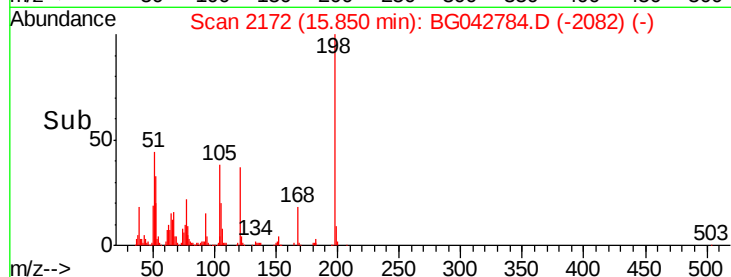
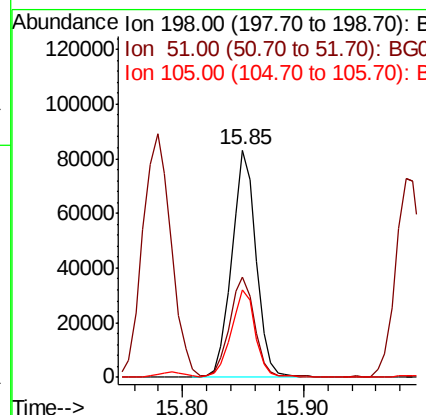
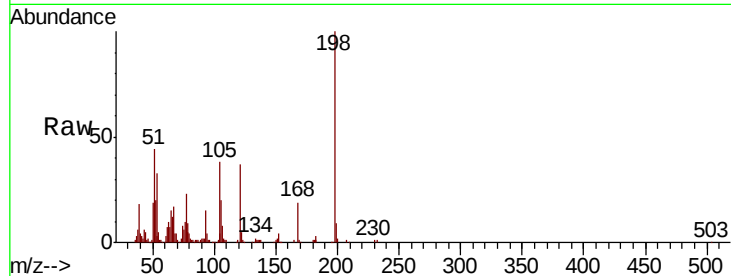




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.727 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

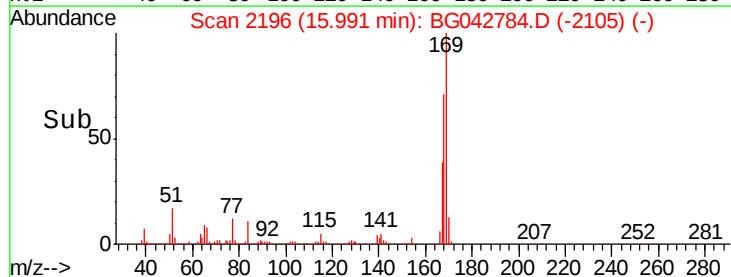
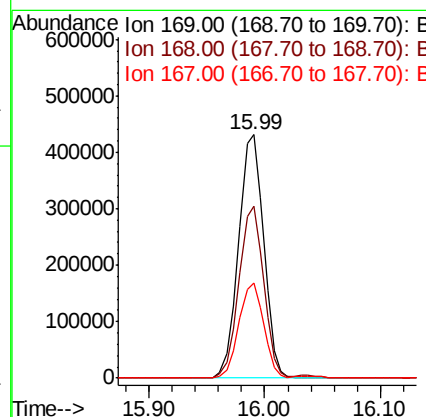
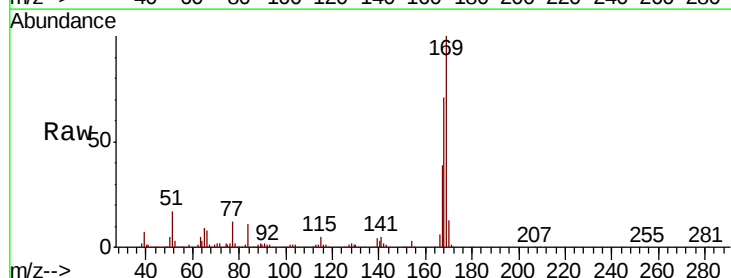
Instrument :
 BNA_G
 ClientSampled :

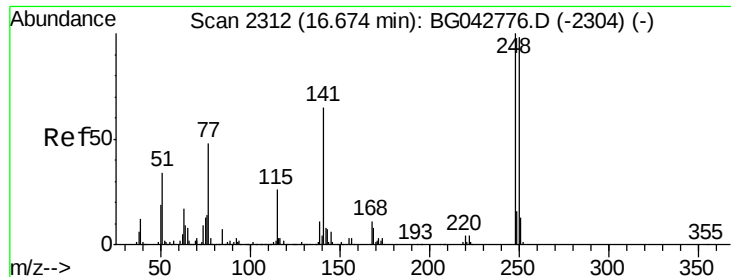
Tot Ion	Ratio	Lower	Upper
198	100		
51	44.2	20.9	60.9
105	38.5	16.4	56.4



#66
 n-Nitrosodiphenylamine
 Concen: 46.001 ng
 RT: 15.99 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.8	55.4	83.2
167	39.1	30.4	45.6

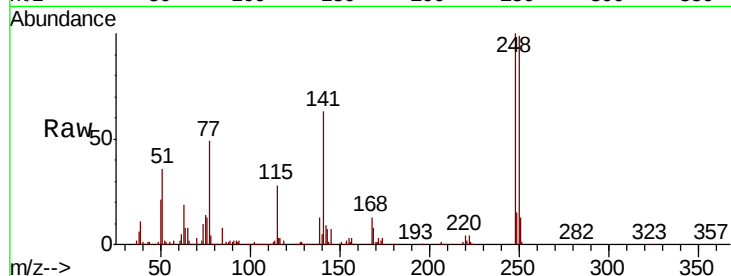




#67
4-Bromophenyl-phenylether
Concen: 44.014 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.0	117.0
141	62.6	51.8	77.6

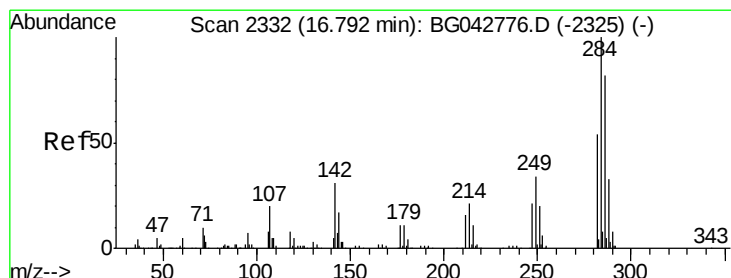
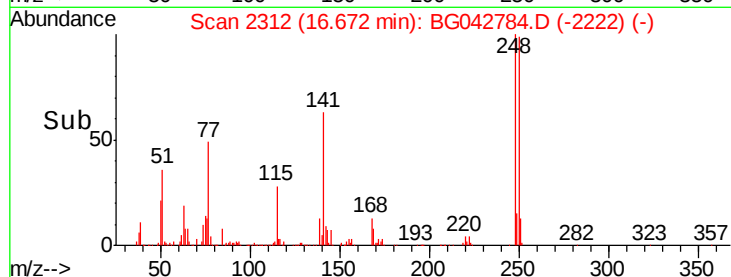
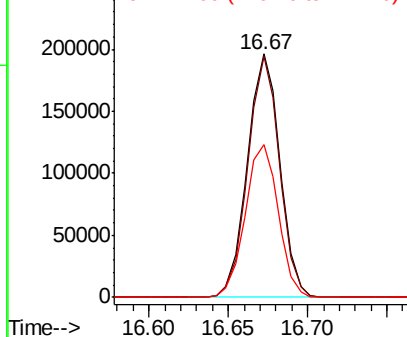


Abundance

Ion 248.00 (247.70 to 248.70): E

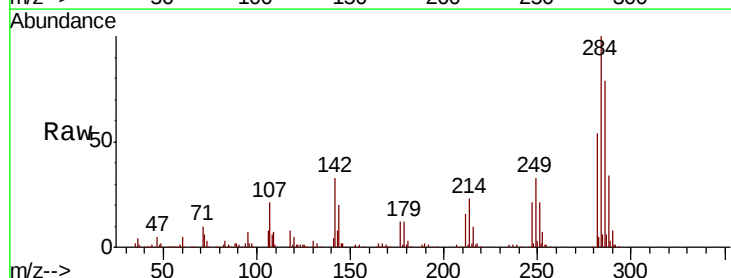
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.051 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	24.7	37.1
249	33.2	27.0	40.4

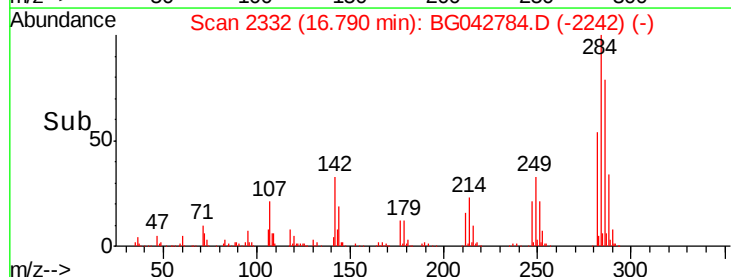
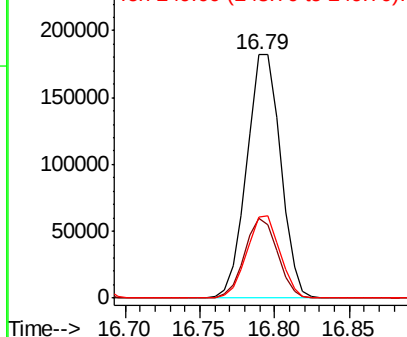


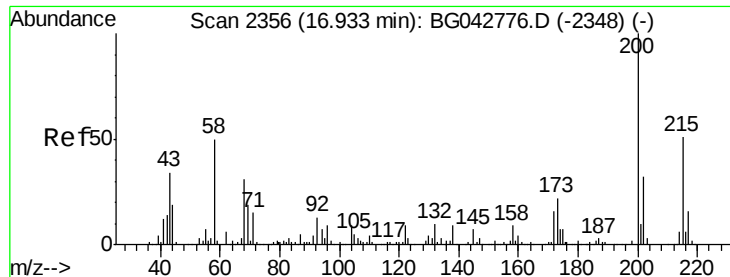
Abundance

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: 51.601 ng

RT: 16.94 min Scan# 2357

Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampled :

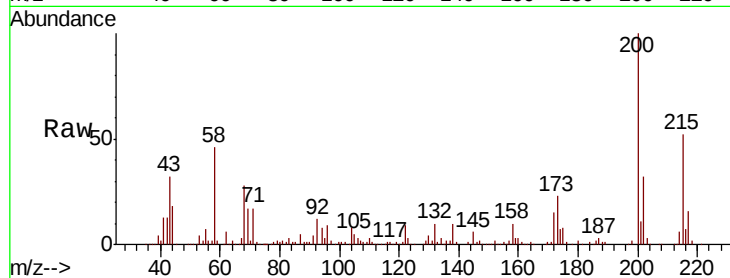
Tot Ion:200 Resp: 253776

Ion Ratio Lower Upper

200 100

173 23.2 2.5 42.5

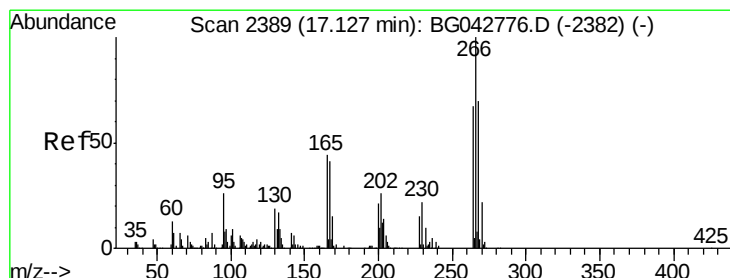
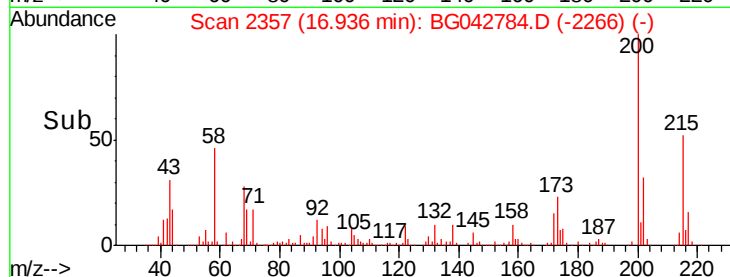
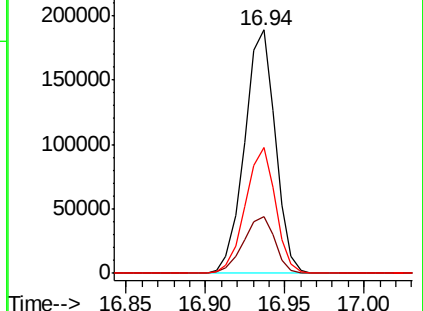
215 51.6 31.0 71.0



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: 100.575 ng

RT: 17.13 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

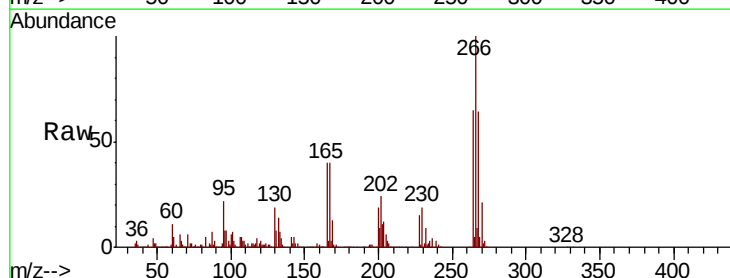
Tgt Ion:266 Resp: 404988

Ion Ratio Lower Upper

266 100

268 64.4 56.2 84.4

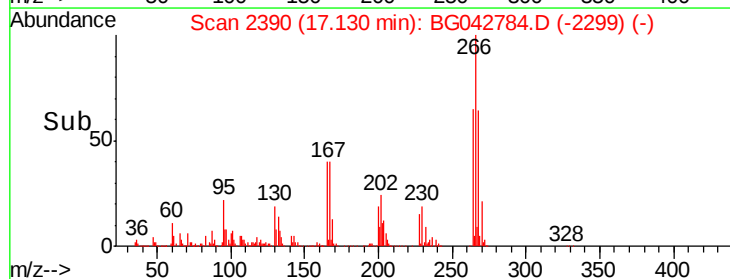
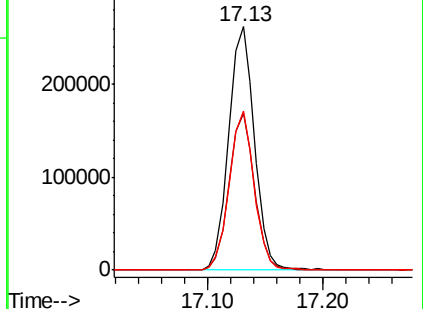
264 65.5 53.4 80.2

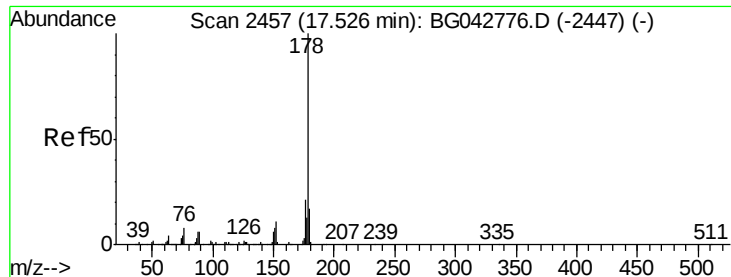


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.331 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

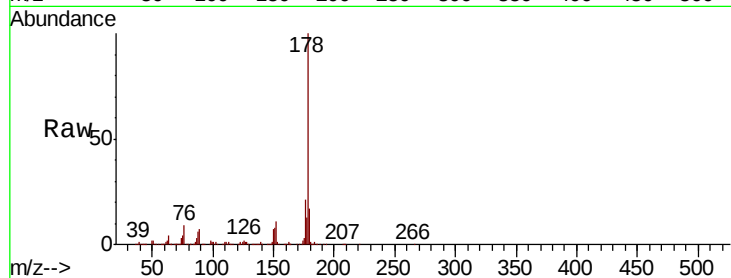
Tot Ion:178 Resp: 1137811

Ion Ratio Lower Upper

178 100

176 20.8 17.0 25.4

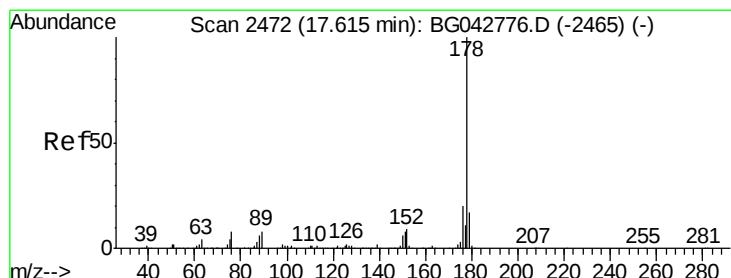
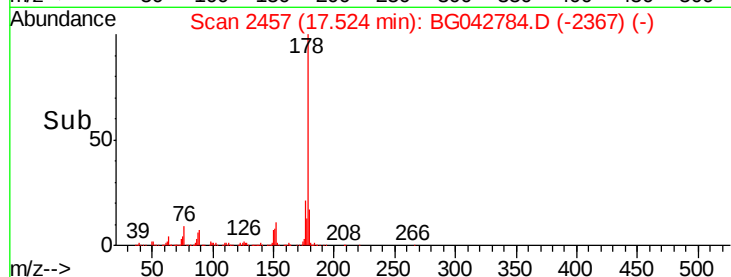
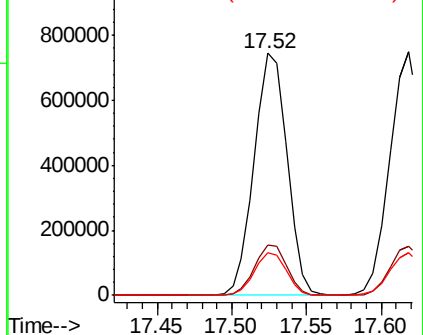
179 17.4 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.356 ng

RT: 17.62 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

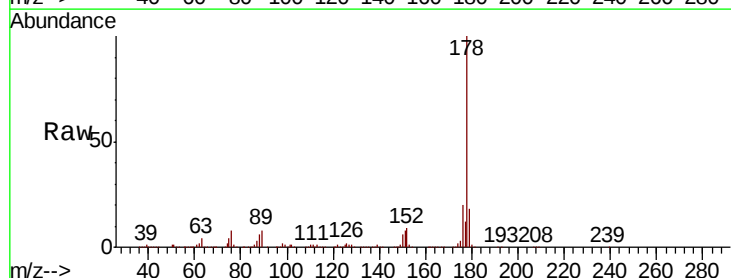
Tgt Ion:178 Resp: 1162429

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.4

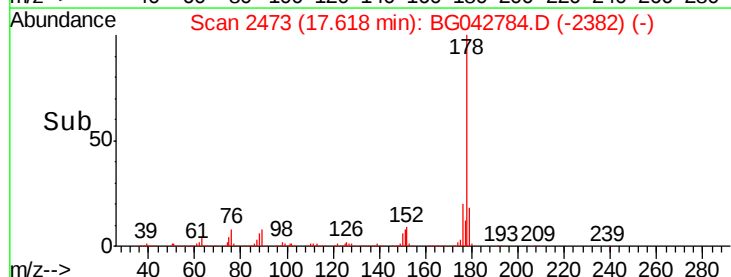
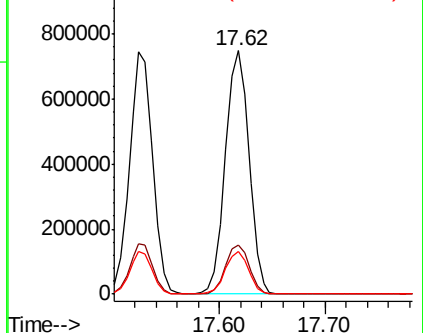
179 17.7 13.6 20.4

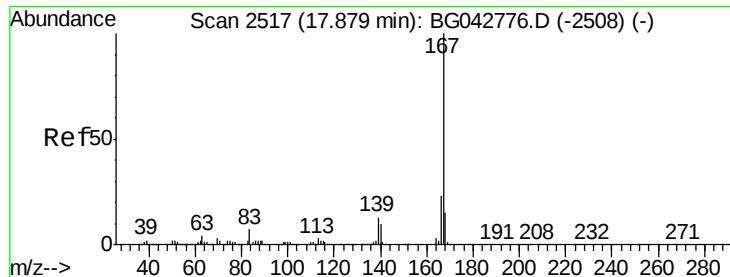


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 46.299 ng

RT: 17.88 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

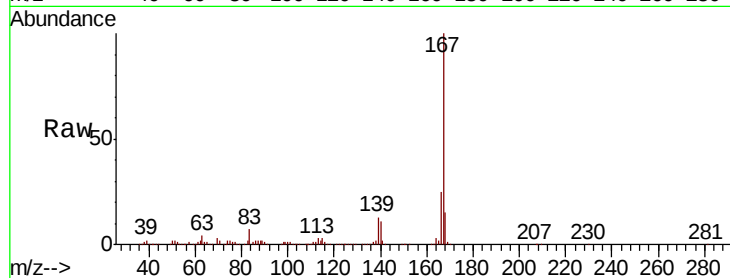
Tot Ion:167 Resp: 1103488

Ion Ratio Lower Upper

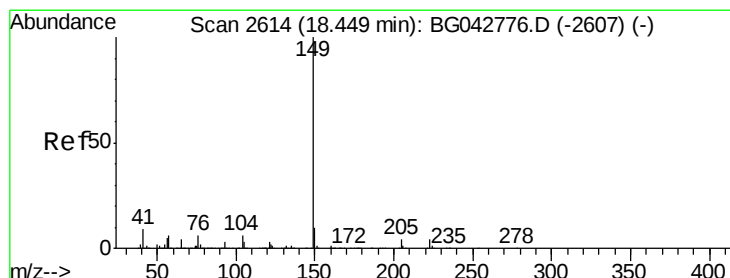
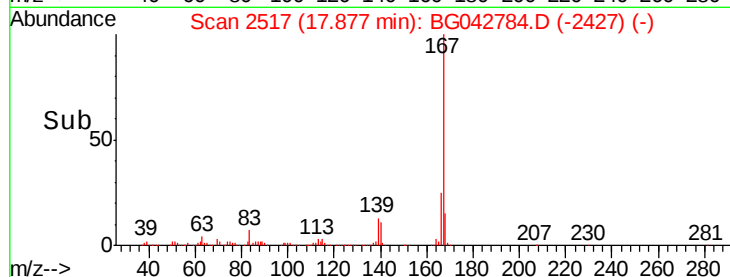
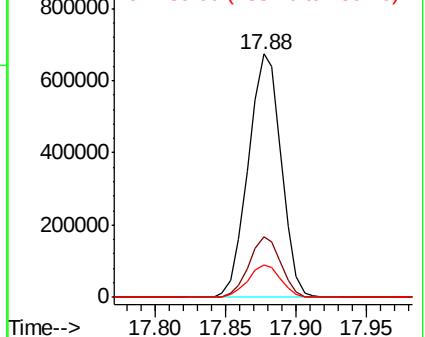
167 100

166 24.8 18.3 27.5

139 13.4 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.764 ng

RT: 18.45 min Scan# 2614

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

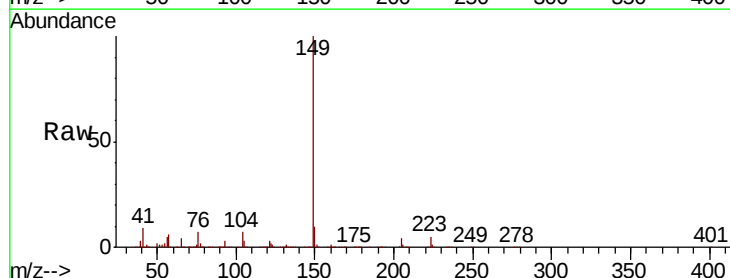
Tgt Ion:149 Resp: 1278025

Ion Ratio Lower Upper

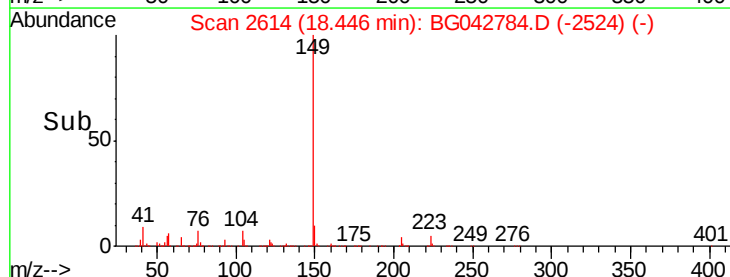
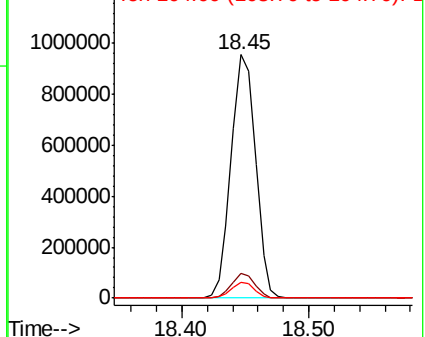
149 100

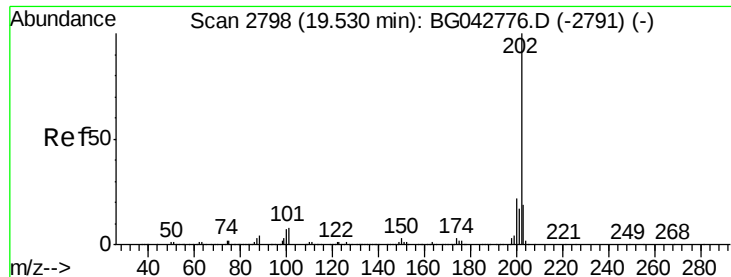
150 10.4 8.0 12.0

104 6.7 5.1 7.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.704 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

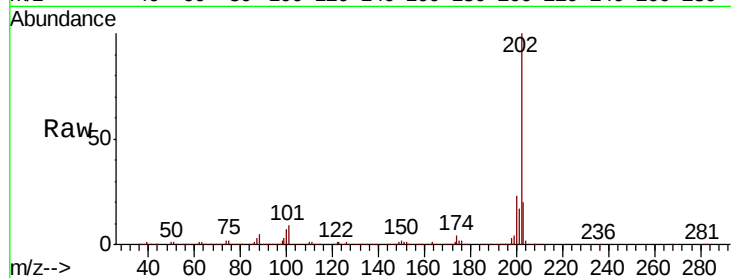
Tot Ion:202 Resp: 1519270

Ion Ratio Lower Upper

202 100

101 8.6 0.0 27.8

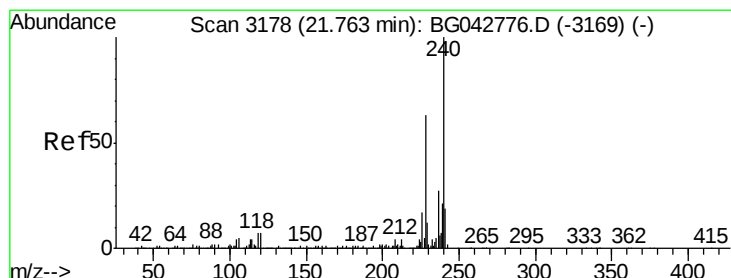
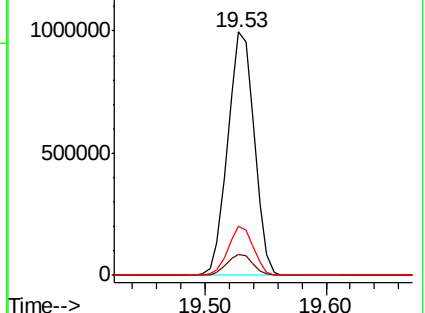
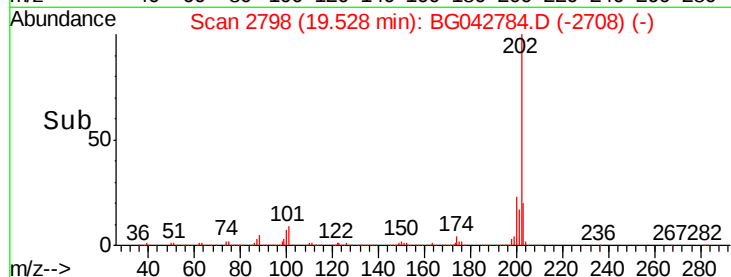
203 20.0 0.0 39.1



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: 21.77 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

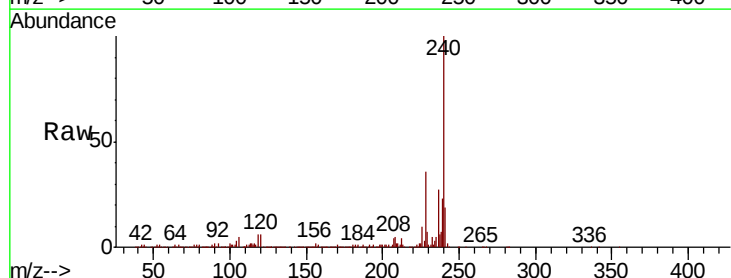
Tgt Ion:240 Resp: 528574

Ion Ratio Lower Upper

240 100

120 6.3 5.4 8.2

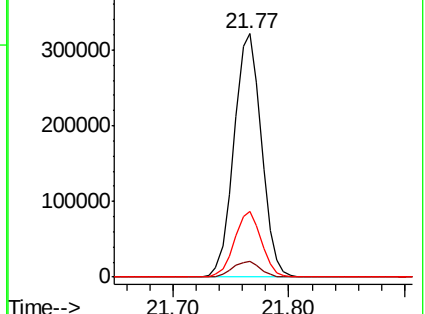
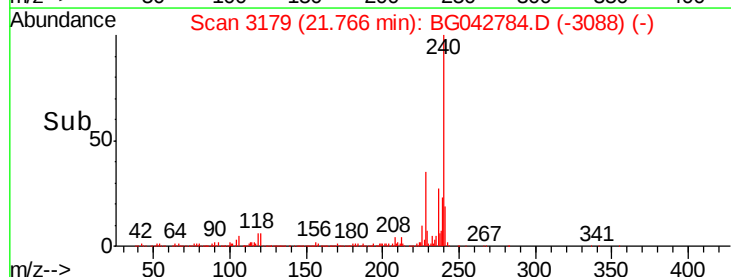
236 27.0 21.7 32.5

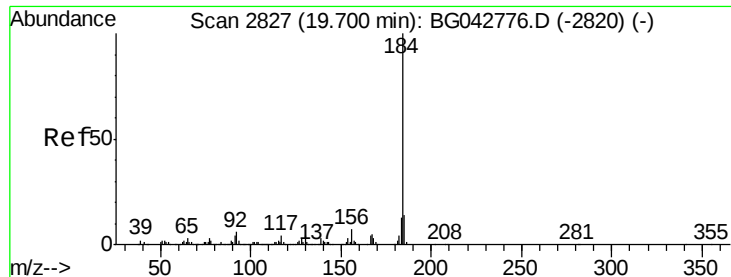


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.606 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

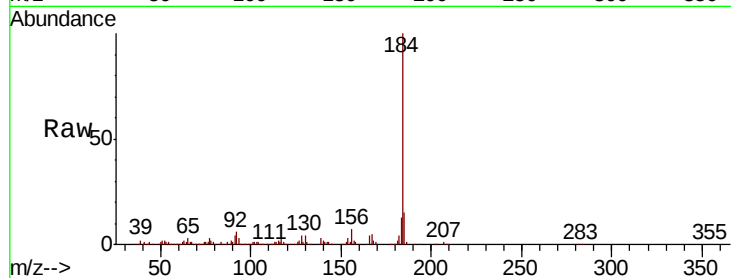
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 555359

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.6	17.4
183	12.7	10.4	15.6

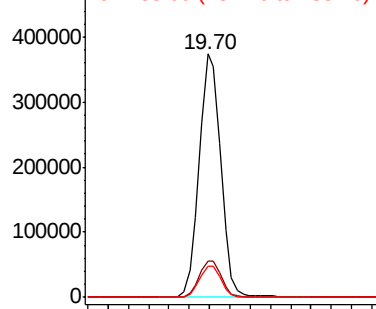


Abundance

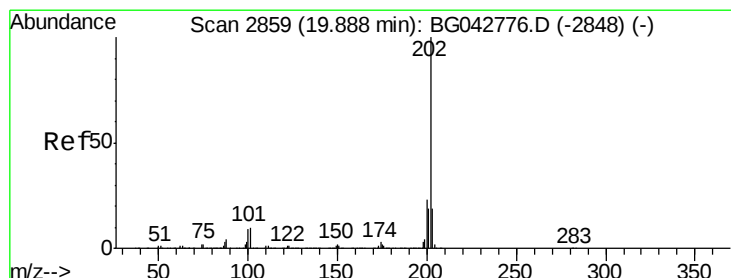
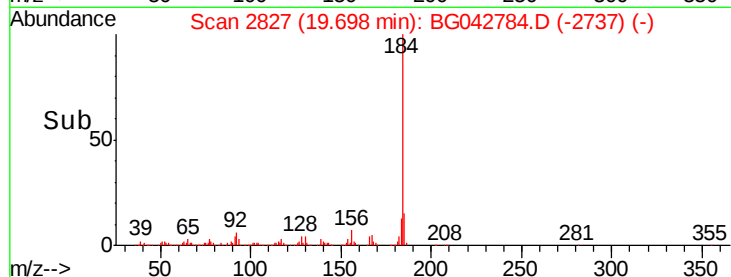
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 45.801 ng

RT: 19.89 min Scan# 2860

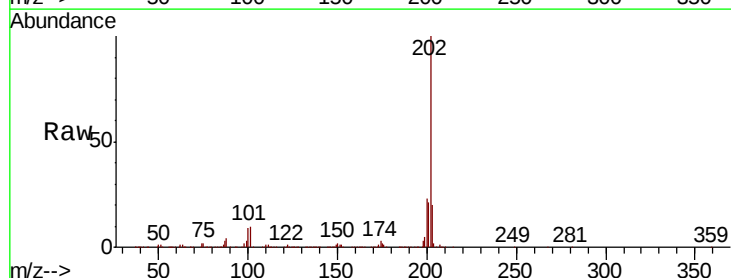
Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Tgt Ion:202 Resp: 1515642

Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.5	27.7
203	19.6	15.3	22.9

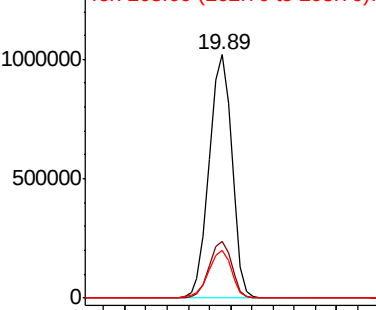


Abundance

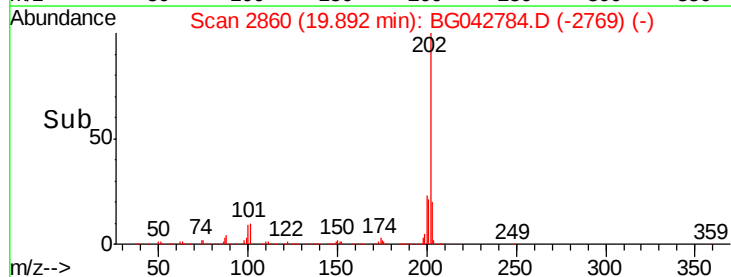
Ion 202.00 (201.70 to 202.70): E

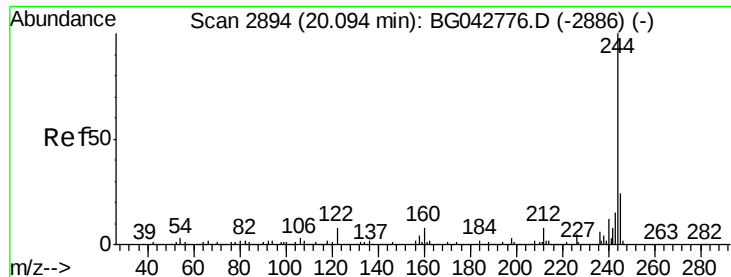
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 98.290 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

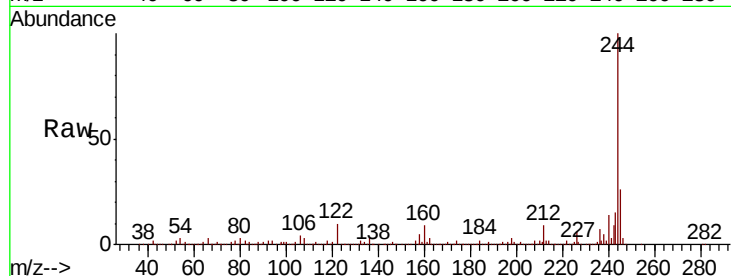
Tot Ion:244 Resp: 2344185

Ion Ratio Lower Upper

244 100

212 9.4 6.6 10.0

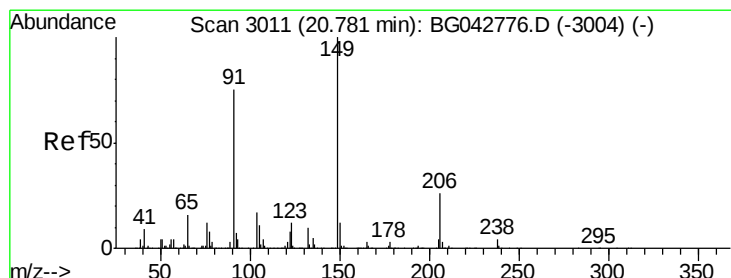
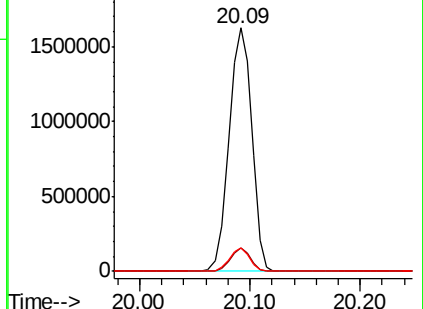
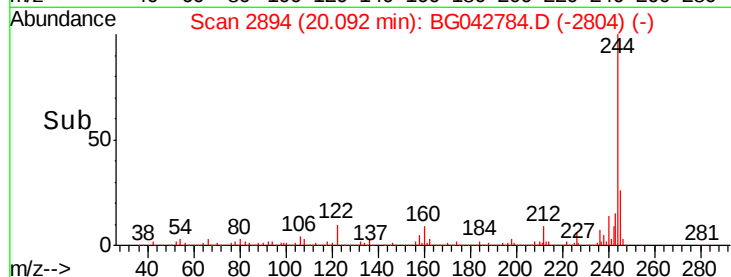
122 9.5 6.2 9.4#



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: 44.060 ng

RT: 20.78 min Scan# 3012

Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

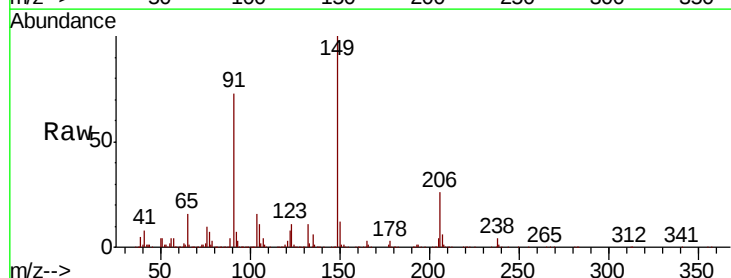
Tgt Ion:149 Resp: 590079

Ion Ratio Lower Upper

149 100

91 73.4 60.2 90.2

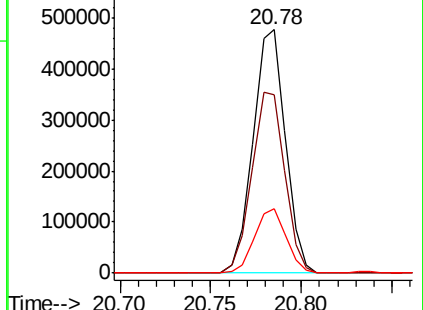
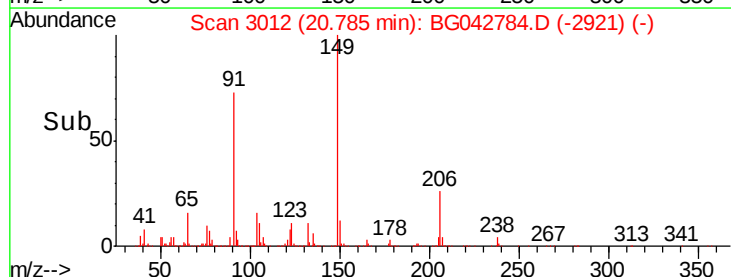
206 26.3 20.6 30.8

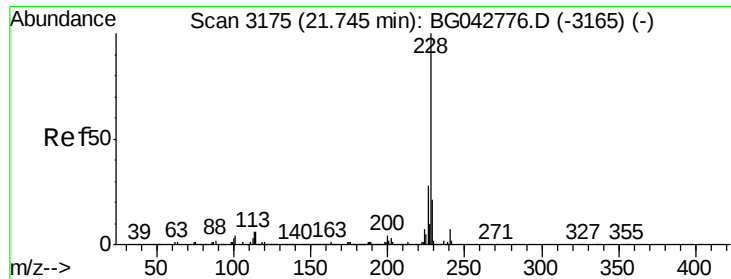


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.228 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

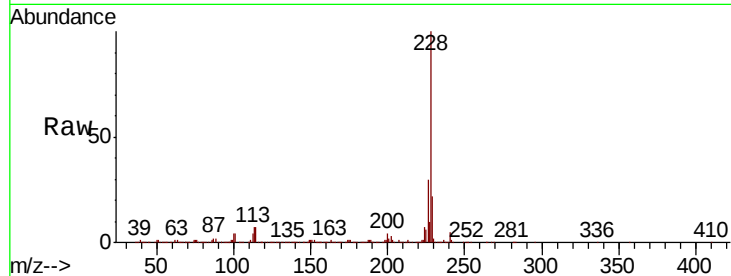
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1486406

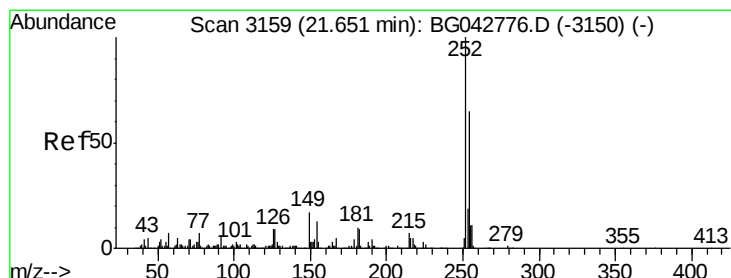
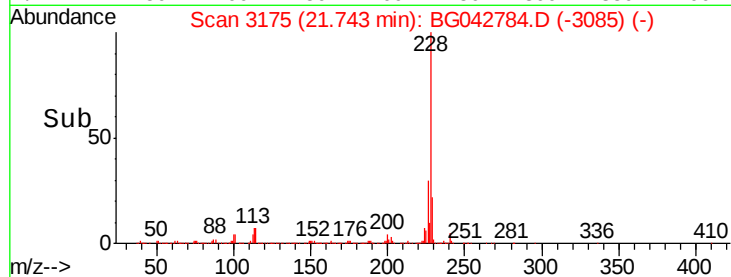
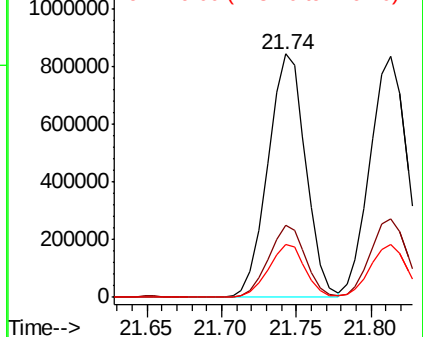
Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.5	33.7
229	21.8	17.2	25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.054 ng

RT: 21.65 min Scan# 3160

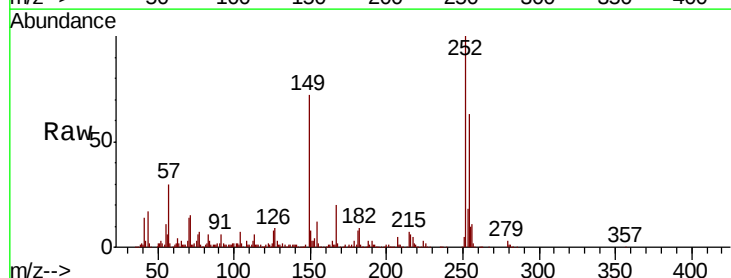
Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Tgt Ion:252 Resp: 405575

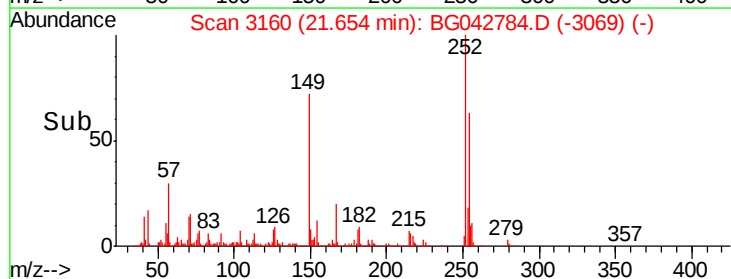
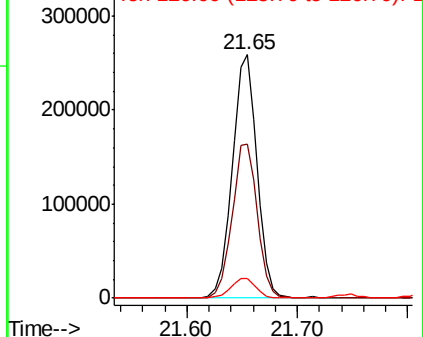
Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.2	78.2
126	7.8	7.0	10.4

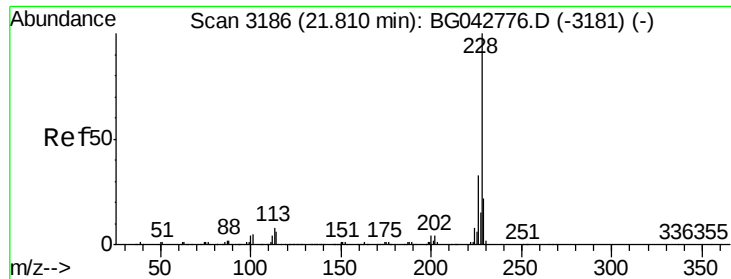


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 45.117 ng

RT: 21.81 min Scan# 3187

Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

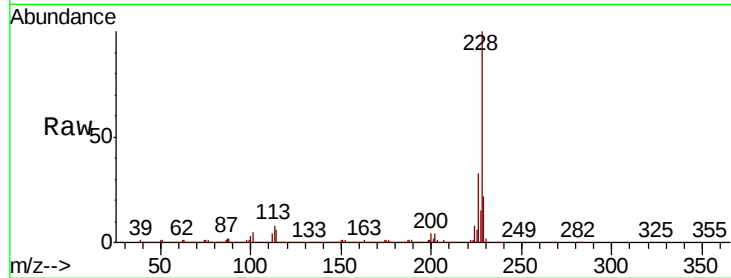
Tot Ion:228 Resp: 1436251

Ion Ratio Lower Upper

228 100

226 32.7 26.0 39.0

229 22.0 17.1 25.7

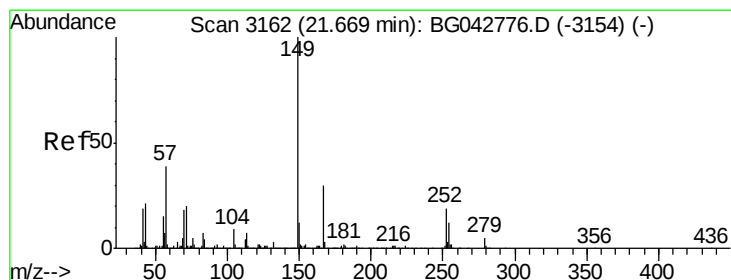
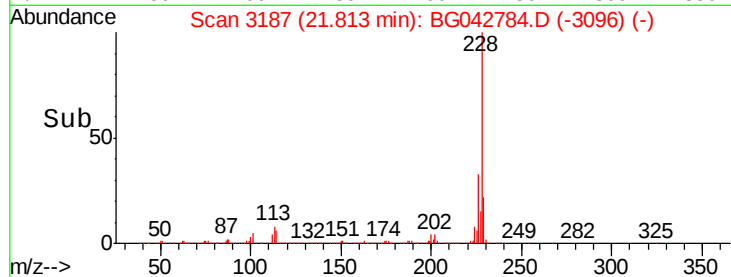
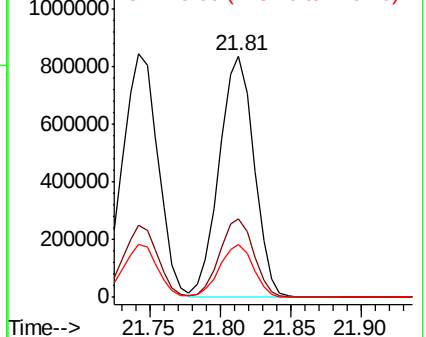


Abundance

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: 45.187 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

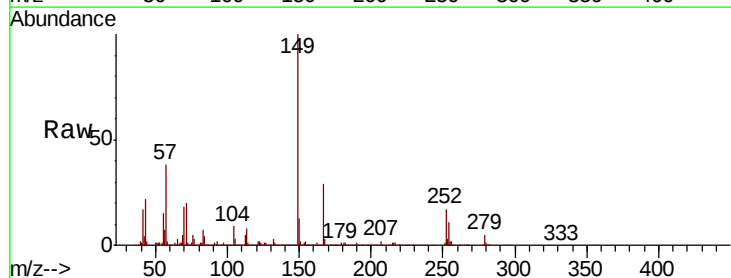
Tgt Ion:149 Resp: 826900

Ion Ratio Lower Upper

149 100

167 28.8 24.3 36.5

279 5.4 4.2 6.4

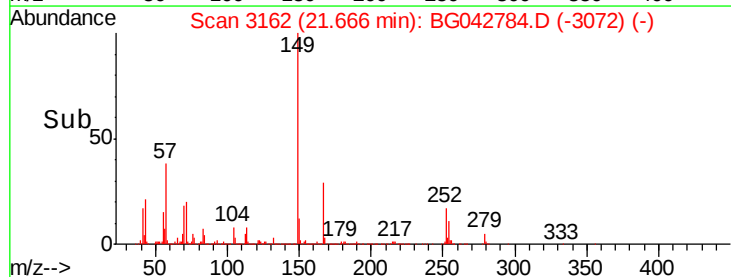
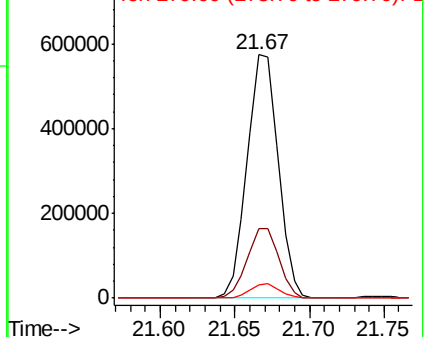


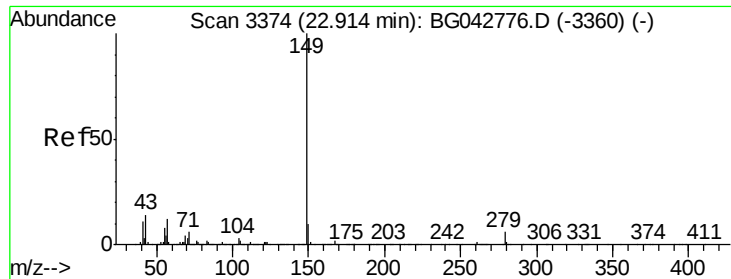
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.136 ng

RT: 22.91 min Scan# 3374

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

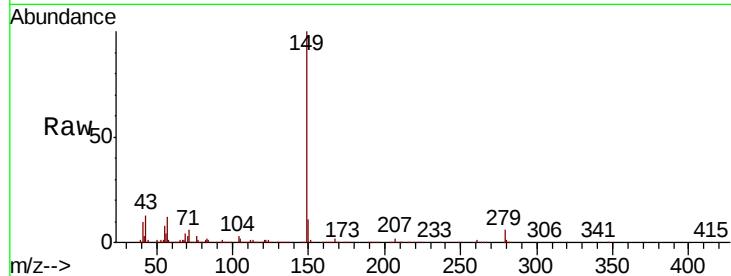
Tot Ion:149 Resp: 1408051

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

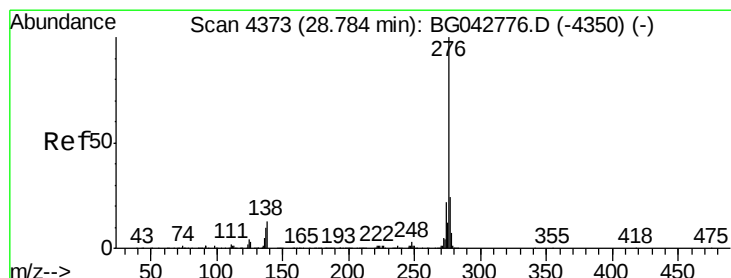
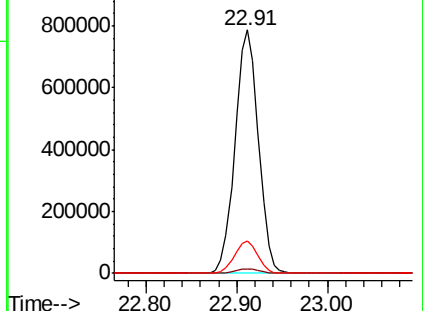
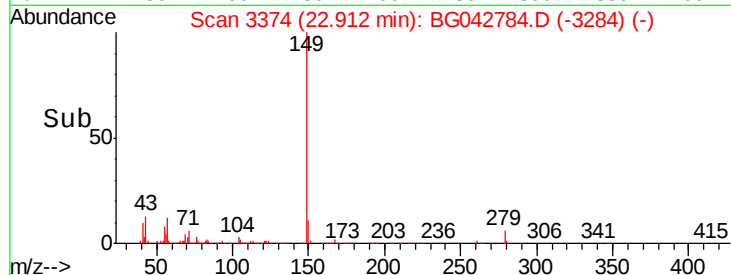
43 13.1 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.500 ng

RT: 28.78 min Scan# 4373

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

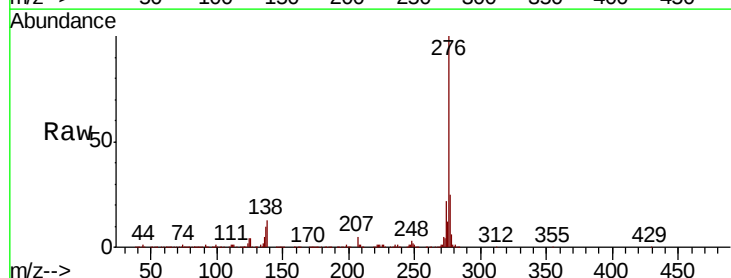
Tgt Ion:276 Resp: 1793720

Ion Ratio Lower Upper

276 100

138 12.2 9.3 13.9

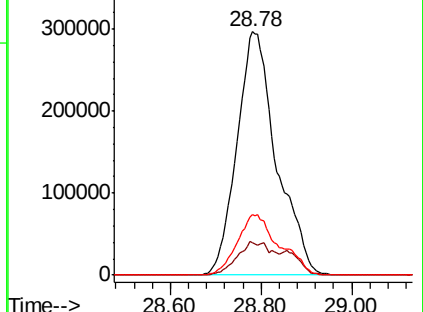
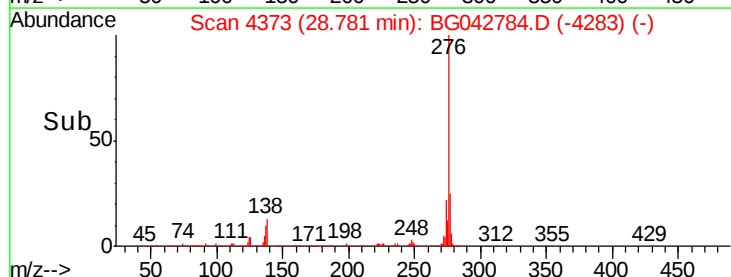
277 26.3 17.2 25.8#

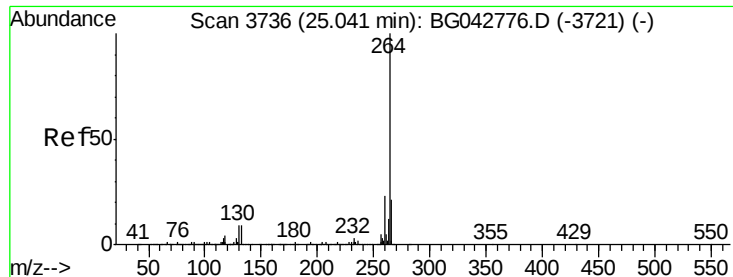


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

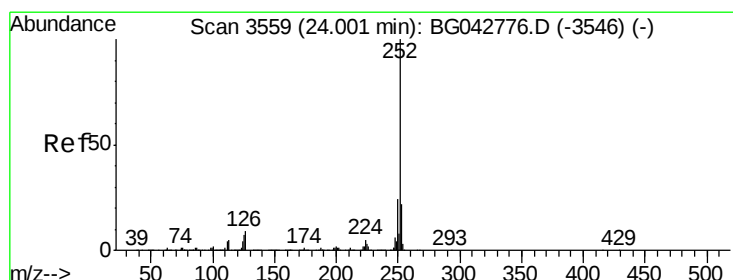
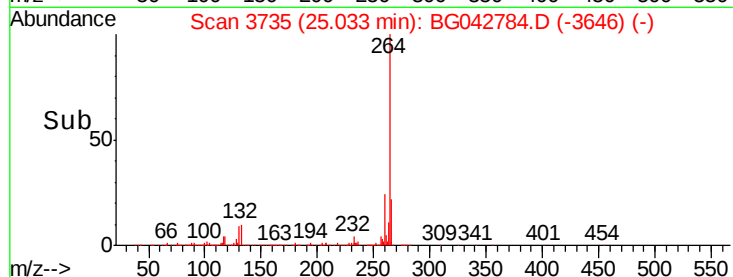
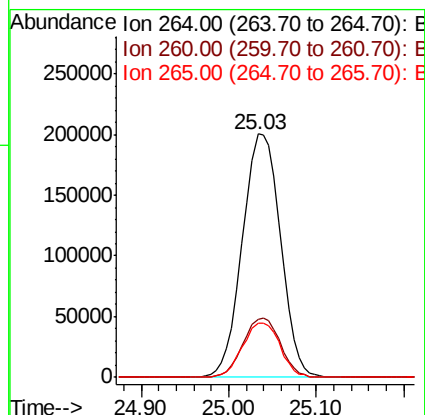
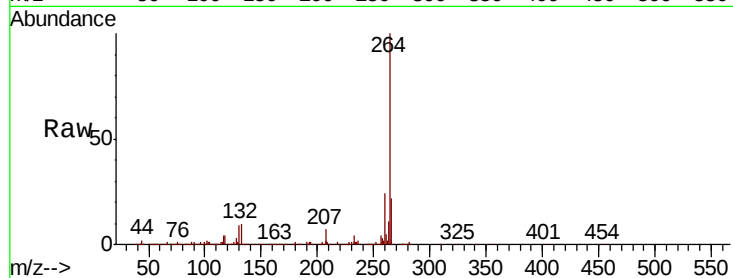




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

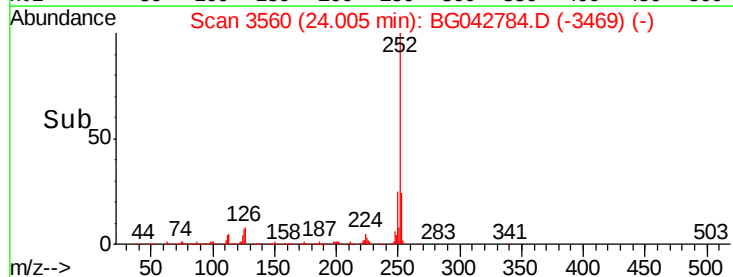
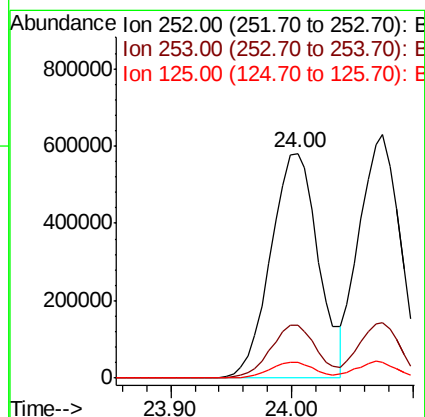
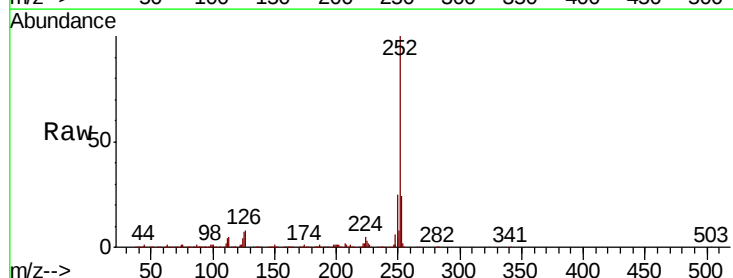
Instrument :
BNA_G
ClientSampled :

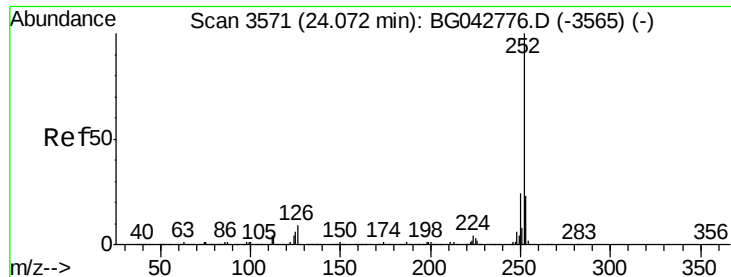
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	22.1	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 45.567 ng
RT: 24.00 min Scan# 3560
Delta R.T. 0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	6.8	5.6	8.4

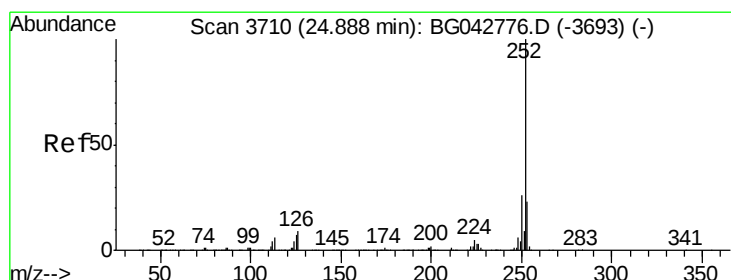
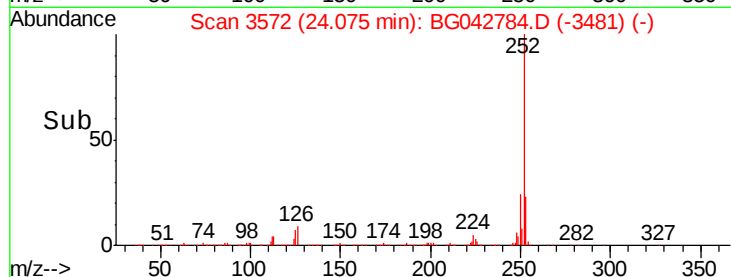
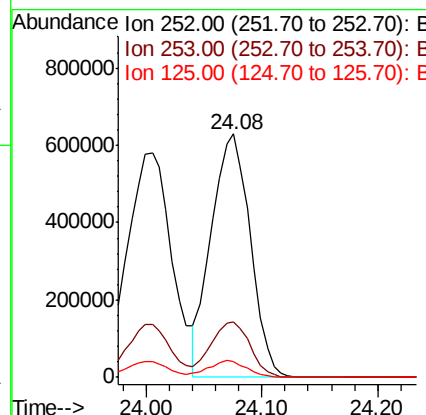
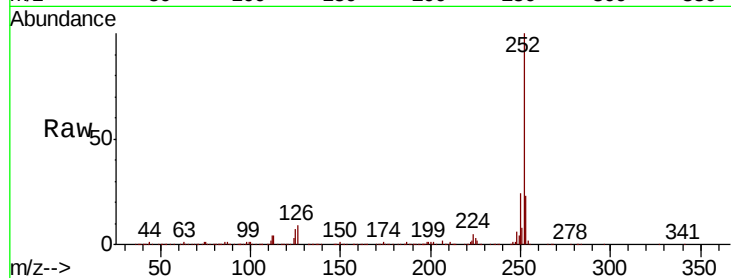




#89
Benzo(k)fluoranthene
Concen: 44.870 ng
RT: 24.08 min Scan# 3572
Delta R.T. 0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

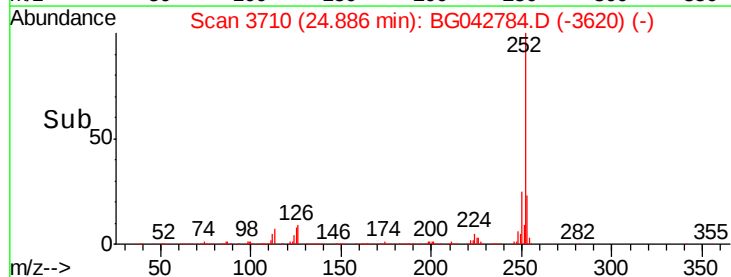
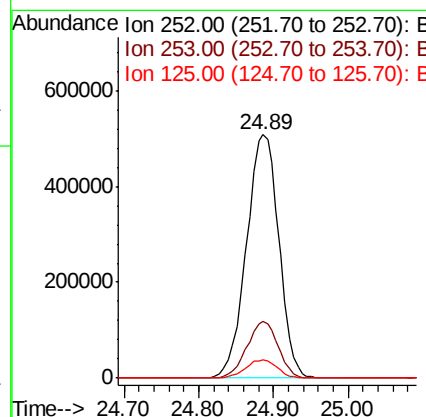
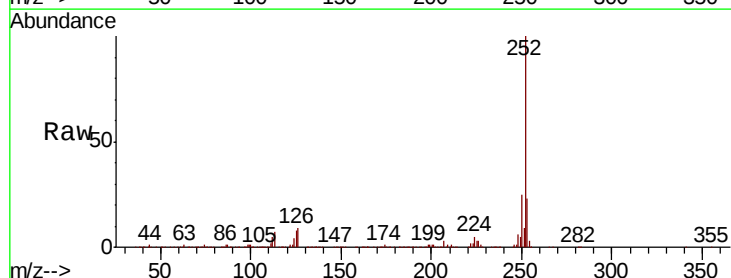
Instrument :
BNA_G
ClientSampleId :

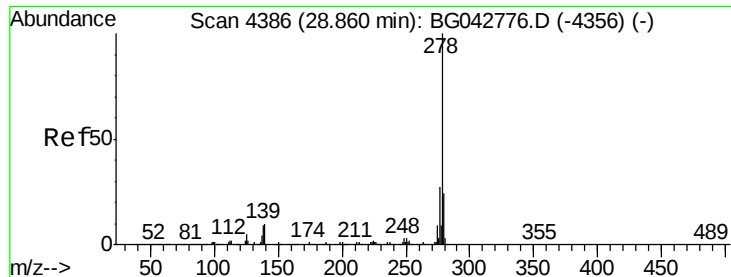
Tot Ion:252 Resp: 1476967
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 6.6 5.3 7.9



#90
Benzo(a)pyrene
Concen: 46.944 ng
RT: 24.89 min Scan# 3710
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion:252 Resp: 1531723
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 7.5 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 46.115 ng

RT: 28.86 min Scan# 4386

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

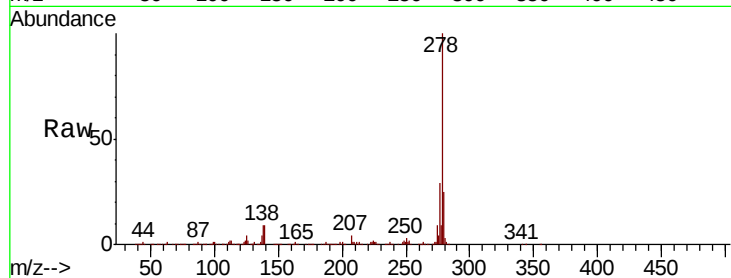
Tot Ion:278 Resp: 1479910

Ion Ratio Lower Upper

278 100

139 9.2 8.2 12.2

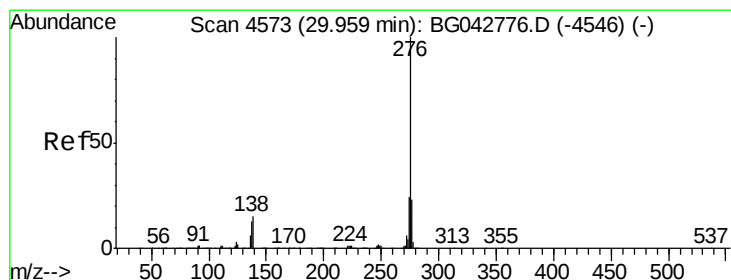
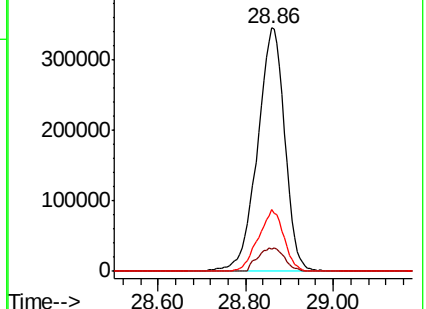
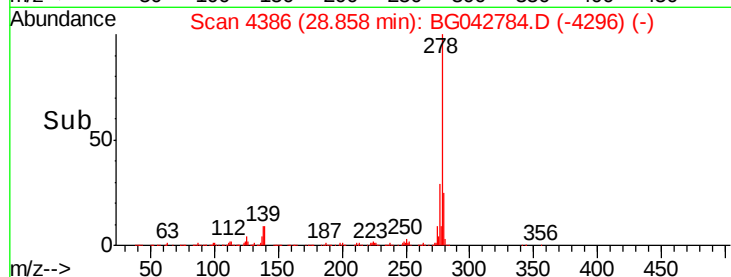
279 25.3 19.4 29.2



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: 47.102 ng

RT: 29.96 min Scan# 4573

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

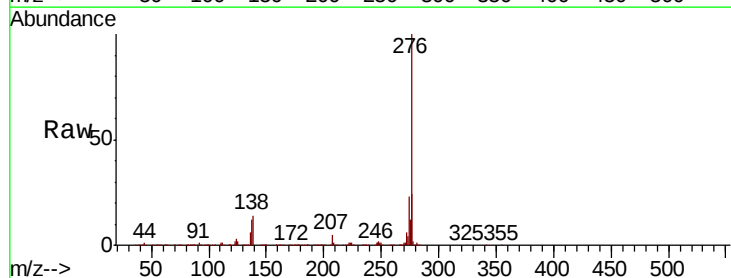
Tgt Ion:276 Resp: 1474420

Ion Ratio Lower Upper

276 100

277 23.7 18.4 27.6

138 13.8 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

