

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042788.D
 Acq On : 12 Sep 2019 18:56
 Operator : HP/JU
 Sample : K4852-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 07:01:57 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

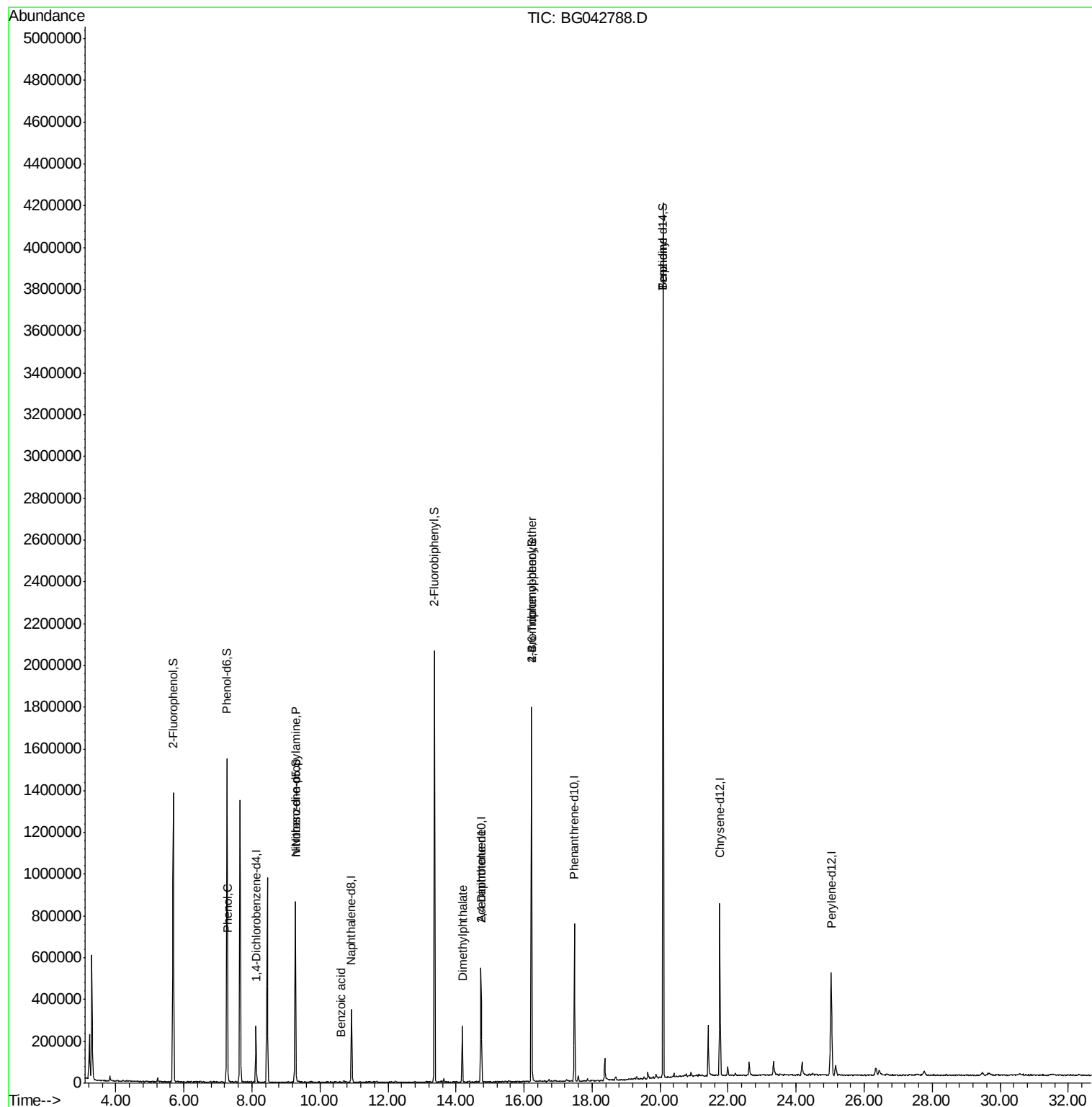
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	74884	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	280588	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	191154	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	455936	20.00	ng	0.00
76) Chrysene-d12	21.76	240	490798	20.00	ng	0.00
87) Perylene-d12	25.03	264	536807	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	555204	128.90	ng	0.00
7) Phenol-d6	7.27	99	824438	133.35	ng	0.00
23) Nitrobenzene-d5	9.28	82	505075	93.72	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	342855	134.81	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1088176	90.11	ng	0.00
79) Terphenyl-d14	20.09	244	1941542	87.67	ng	0.00
Target Compounds						
10) Phenol	7.29	94	20166	3.181	ng	83
19) n-Nitroso-di-n-propylamine	9.28	70	71062	15.599	ng	# 70
32) Benzoic acid	10.63	122	56	5.980	ng	# 1
50) Dimethylphthalate	14.18	163	166533	11.630	ng	99
57) 2,4-Dinitrotoluene	14.74	165	25950	6.626	ng	# 23
67) 4-Bromophenyl-phenylether	16.22	248	24021	4.353	ng	# 1
77) Benzidine	20.09	184	32979	2.405	ng	# 93

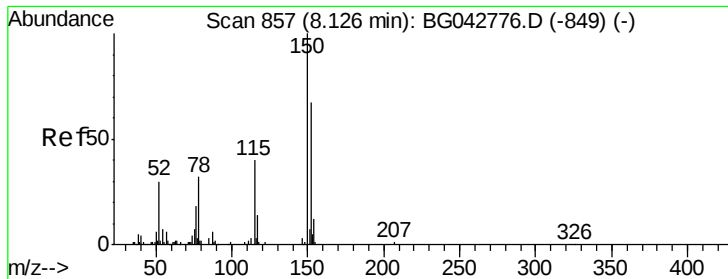
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
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ALS Vial : 7 Sample Multiplier: 1

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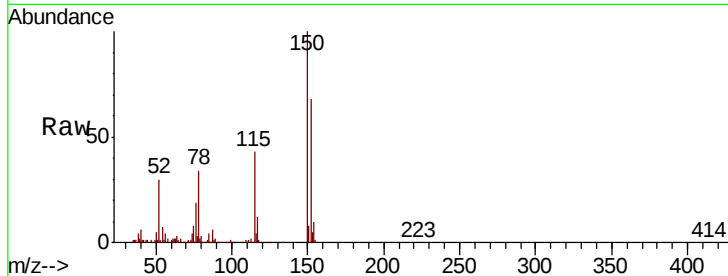


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042788.D
Acq: 12 Sep 2019 18:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	118.9	178.3
115	63.0	47.4	71.2

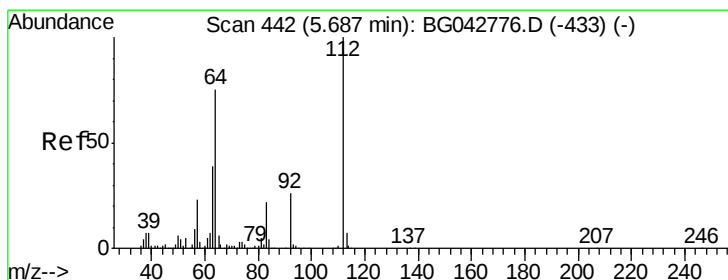
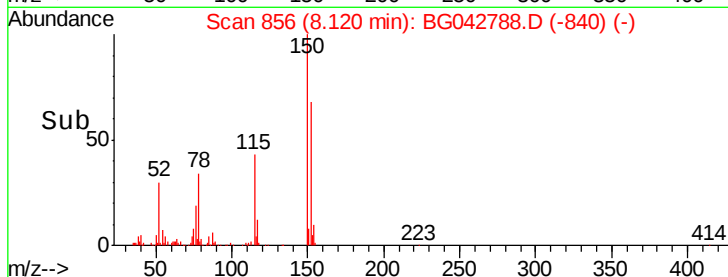
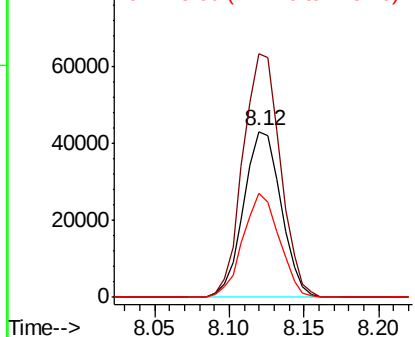


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

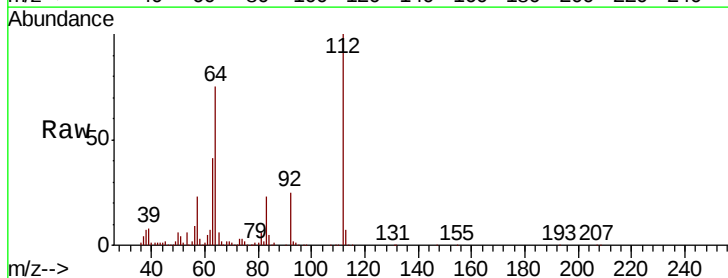
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 128.899 ng
RT: 5.69 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG042788.D
Acq: 12 Sep 2019 18:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	60.2	90.2
63	41.2	31.2	46.8

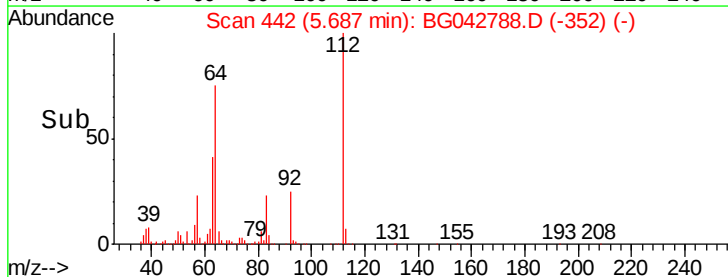
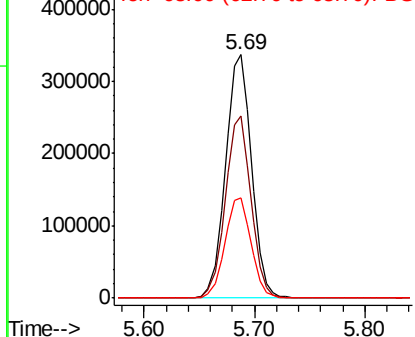


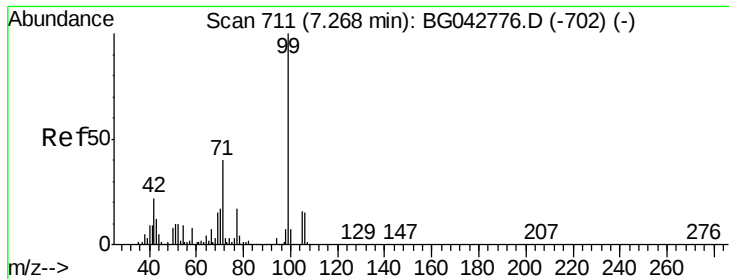
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 133.353 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG042788.D

Acq: 12 Sep 2019 18:56

Instrument :

BNA_G

ClientSampleId :

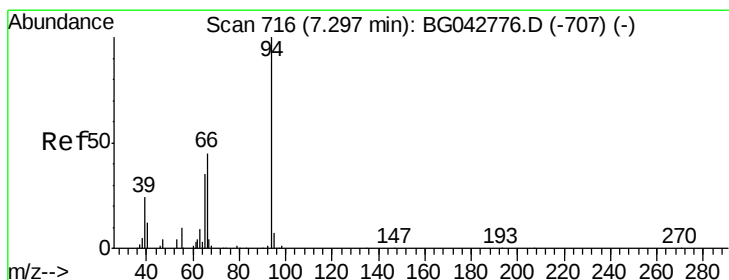
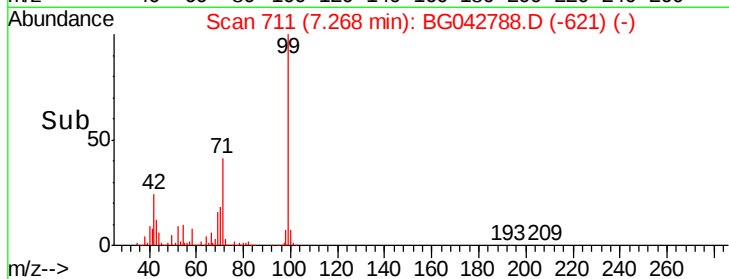
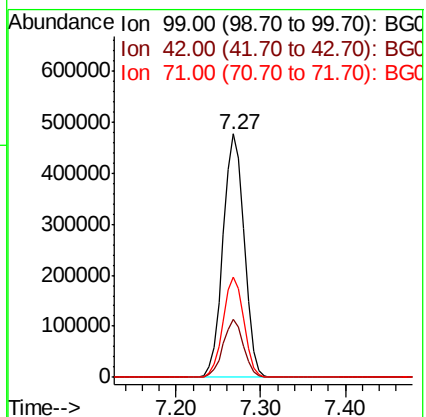
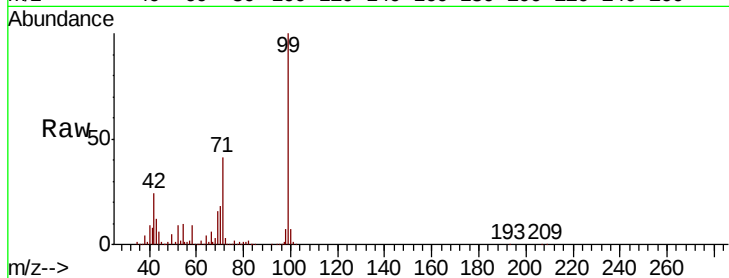
Tot Ion: 99 Resp: 824438

Ion Ratio Lower Upper

99 100

42 23.7 17.5 26.3

71 40.9 32.0 48.0



#10

Phenol

Concen: 3.181 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG042788.D

Acq: 12 Sep 2019 18:56

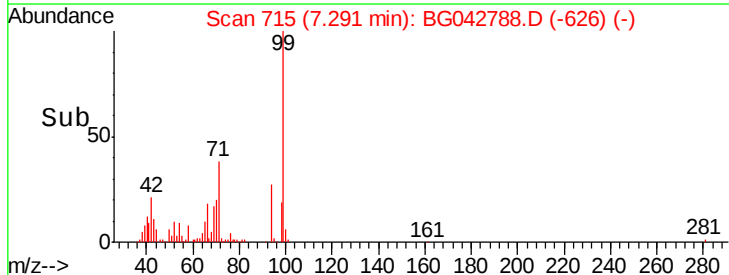
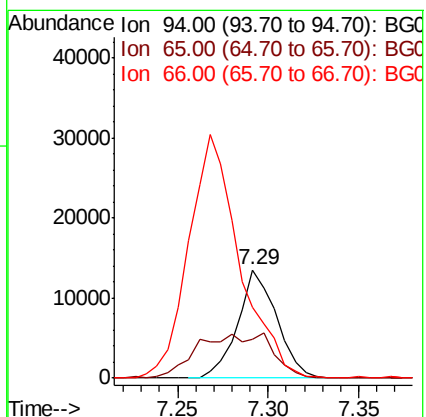
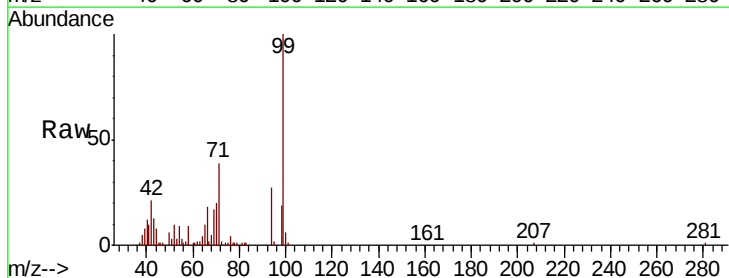
Tgt Ion: 94 Resp: 20166

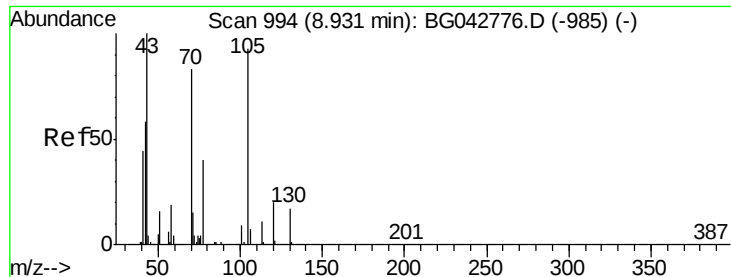
Ion Ratio Lower Upper

94 100

65 35.7 15.0 55.0

66 65.8 26.1 66.1

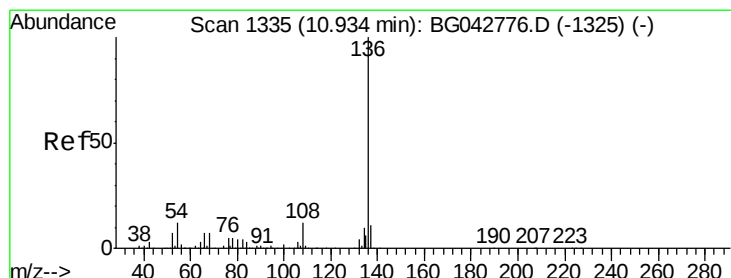
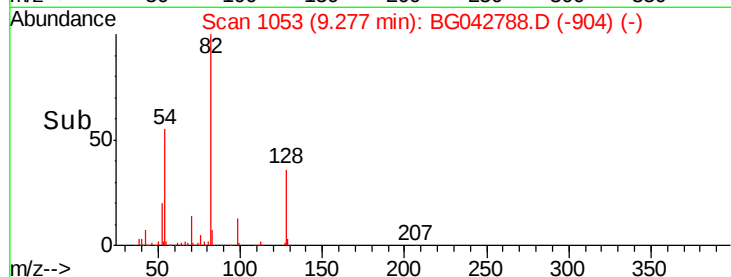
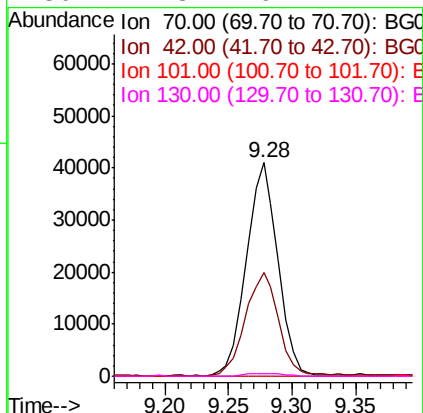
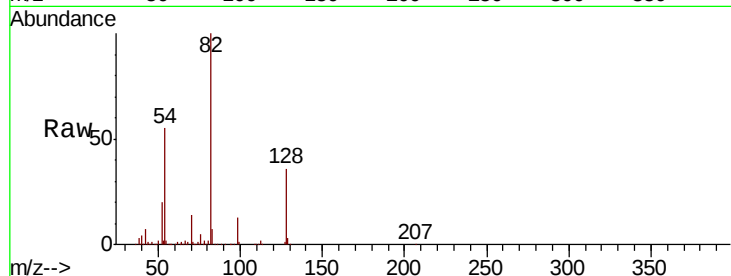




#19
n-Nitroso-di-n-propylamine
Concen: 15.599 ng
RT: 9.28 min Scan# 1053
Delta R.T. 0.35 min
Lab File: BG042788.D
Acq: 12 Sep 2019 18:56

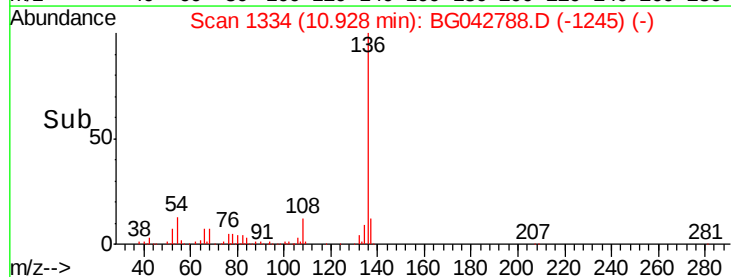
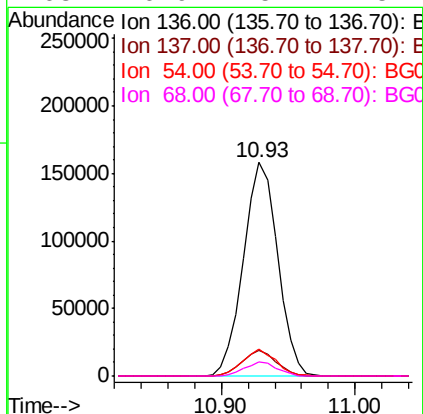
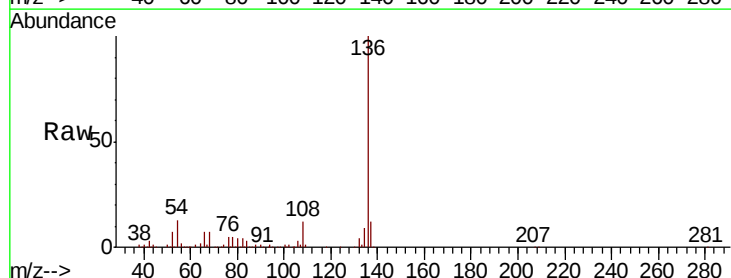
Instrument :
BNA_G
ClientSampleId :

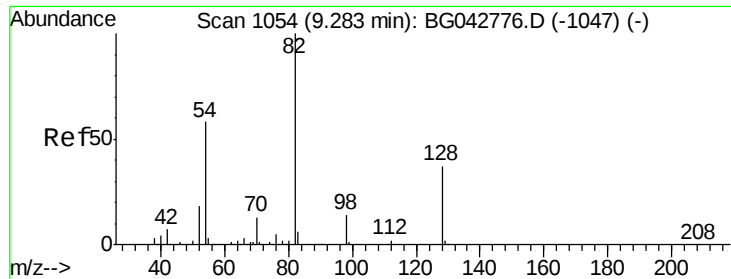
Tot Ion: 70 Resp: 71062
Ion Ratio Lower Upper
70 100
42 48.5 57.0 85.6#
101 0.0 8.4 12.6#
130 1.3 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042788.D
Acq: 12 Sep 2019 18:56

Tgt Ion:136 Resp: 280588
Ion Ratio Lower Upper
136 100
137 12.0 9.0 13.6
54 12.7 9.4 14.0
68 6.9 5.4 8.2

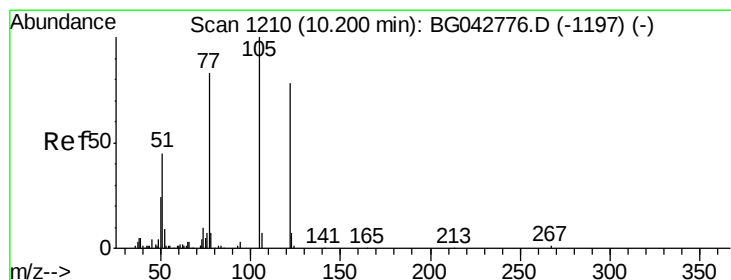
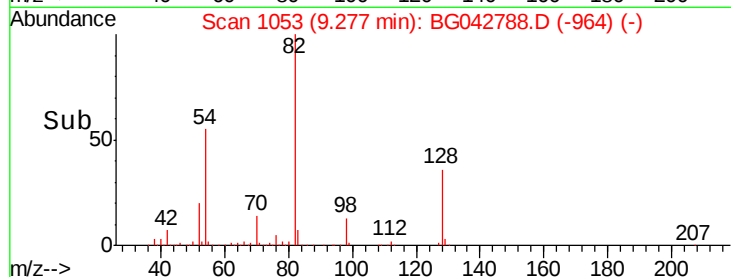
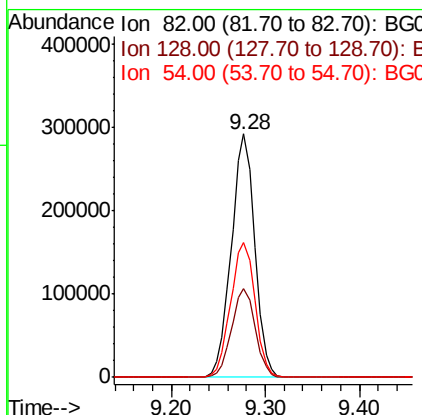
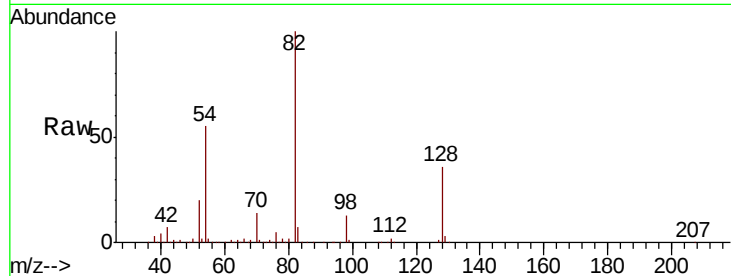




#23
 Nitrobenzene-d5
 Concen: 93.715 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042788.D
 Acq: 12 Sep 2019 18:56

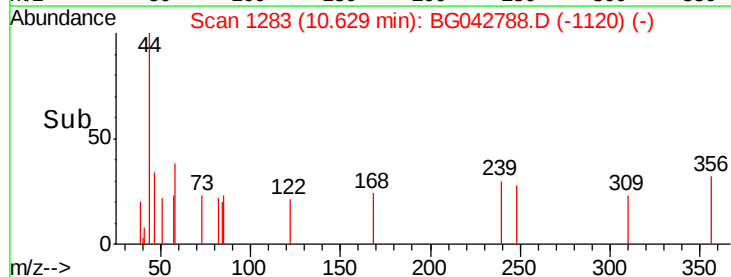
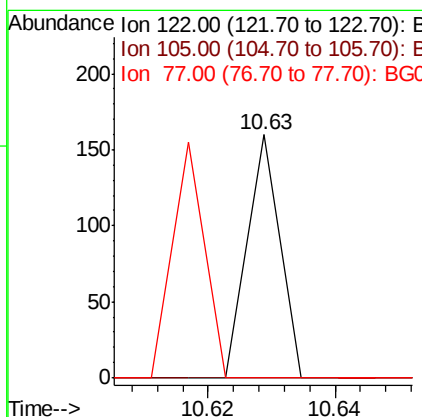
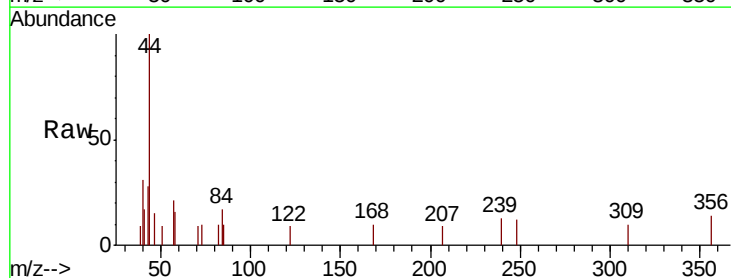
Instrument :
 BNA_G
 ClientSampleId :

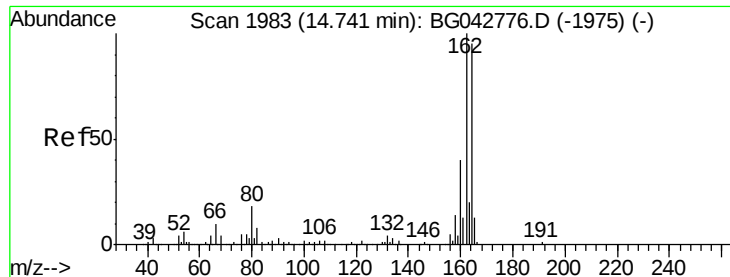
Tot Ion	82	Resp	505075
Ion Ratio	Lower	Upper	
82	100		
128	36.5	29.8	44.8
54	55.4	46.1	69.1



#32
 Benzoic acid
 Concen: 5.980 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. 0.43 min
 Lab File: BG042788.D
 Acq: 12 Sep 2019 18:56

Tgt Ion	122	Resp	56
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
122	100		
105	0.0	104.0	144.0#
77	0.0	84.2	124.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042788.D

Acq: 12 Sep 2019 18:56

Instrument :

BNA_G

ClientSampleId :

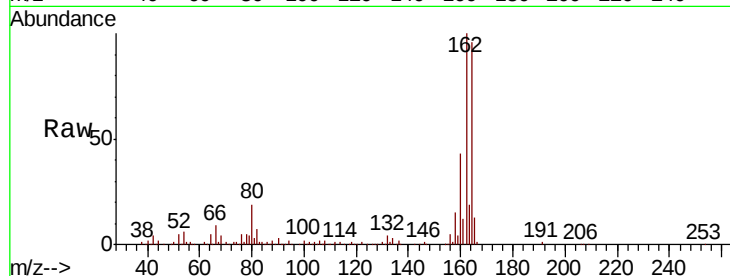
Tot Ion:164 Resp: 191154

Ion Ratio Lower Upper

164 100

162 104.5 84.6 126.8

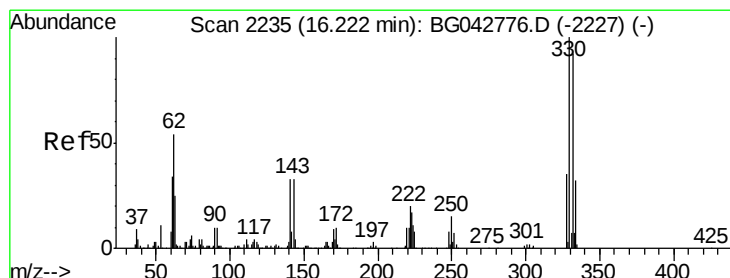
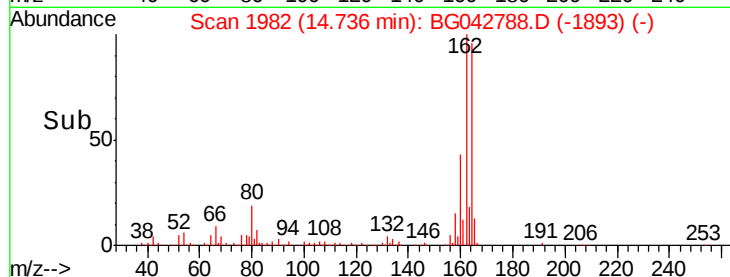
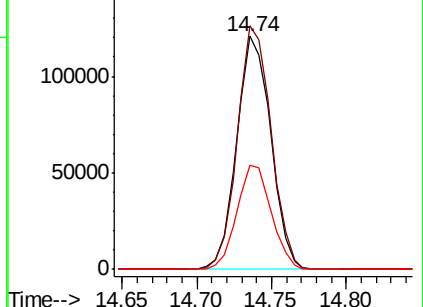
160 44.4 34.2 51.2



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



#42

2,4,6-Tribromophenol

Concen: 134.815 ng

RT: 16.22 min Scan# 2235

Delta R.T. 0.00 min

Lab File: BG042788.D

Acq: 12 Sep 2019 18:56

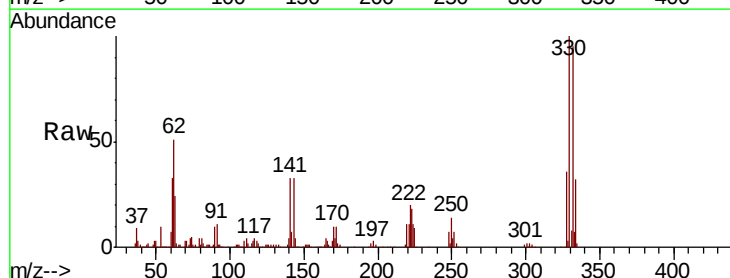
Tgt Ion:330 Resp: 342855

Ion Ratio Lower Upper

330 100

332 95.4 76.7 115.1

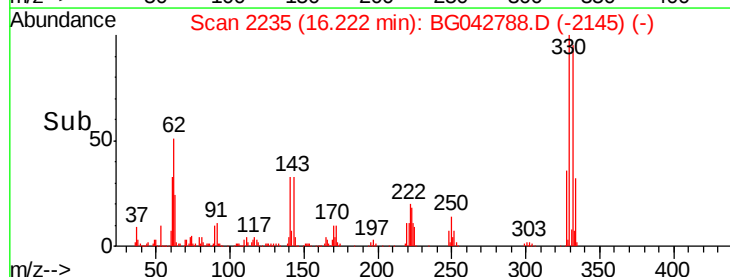
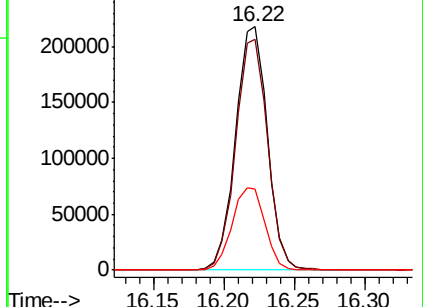
141 35.0 27.0 40.6

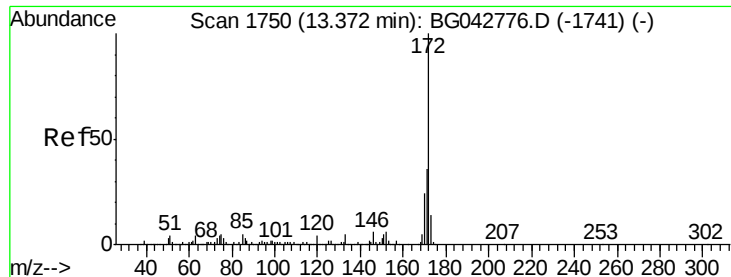


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

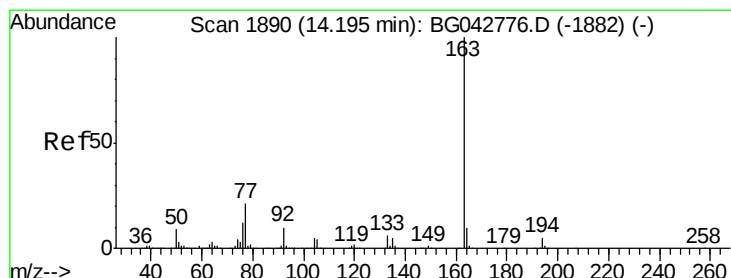
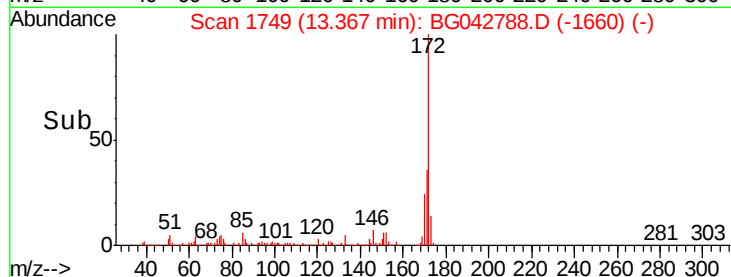
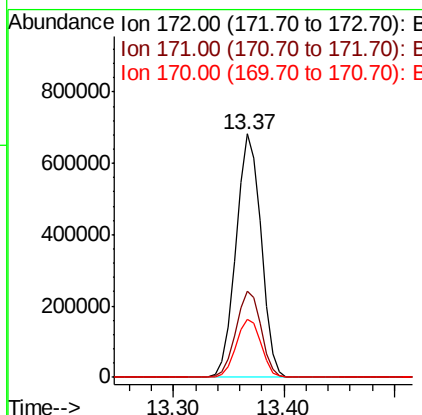
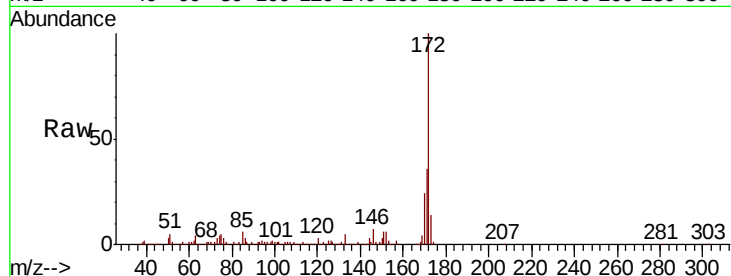




#45
2-Fluorobiphenyl
Concen: 90.111 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042788.D
Acq: 12 Sep 2019 18:56

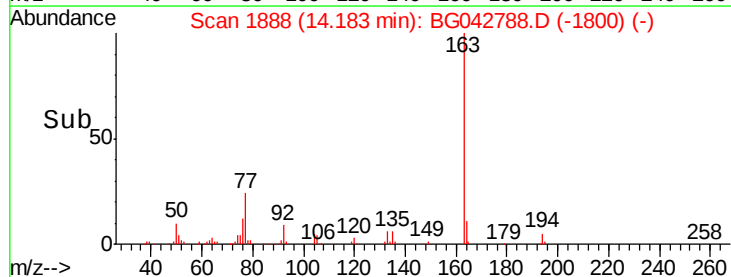
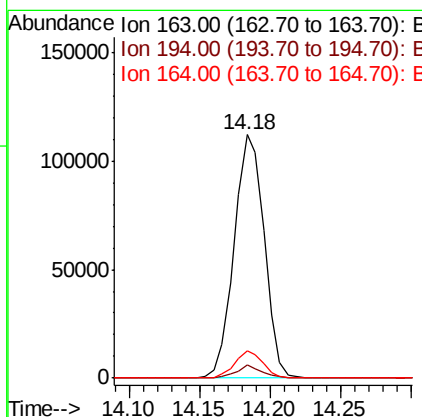
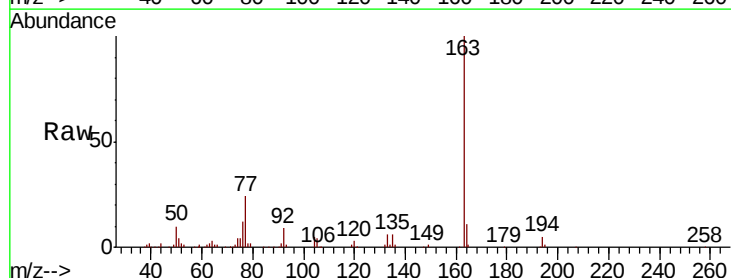
Instrument :
BNA_G
ClientSampled :

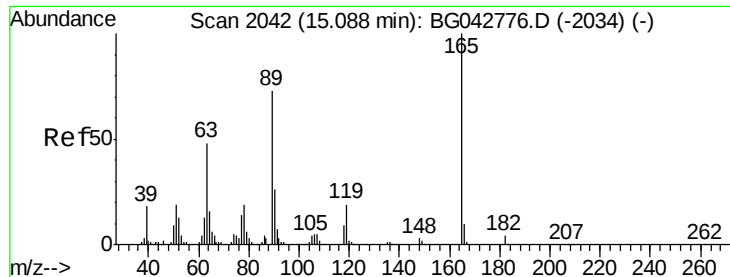
Tot Ion:172 Resp: 1088176
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 23.7 19.1 28.7



#50
Dimethylphthalate
Concen: 11.630 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG042788.D
Acq: 12 Sep 2019 18:56

Tgt Ion:163 Resp: 166533
Ion Ratio Lower Upper
163 100
194 5.2 4.2 6.4
164 11.1 8.4 12.6

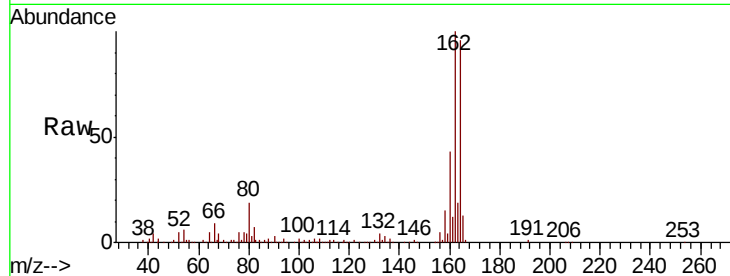




#57
 2,4-Dinitrotoluene
 Concen: 6.626 ng
 RT: 14.74 min Scan# 1982
 Delta R.T. -0.35 min
 Lab File: BG042788.D
 Acq: 12 Sep 2019 18:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	165	Resp:	25950
Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.3	57.5#
89	1.5	58.4	87.6#
182	0.0	2.9	4.3#

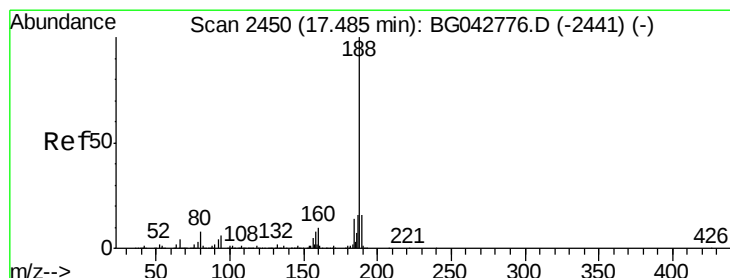
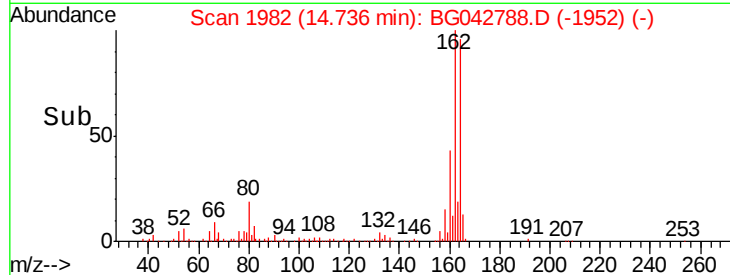
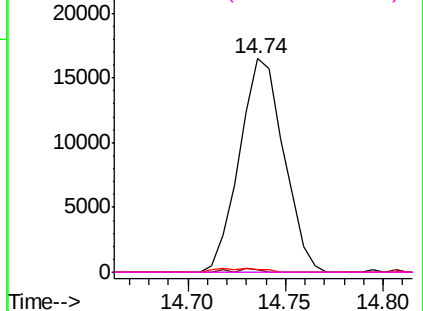


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

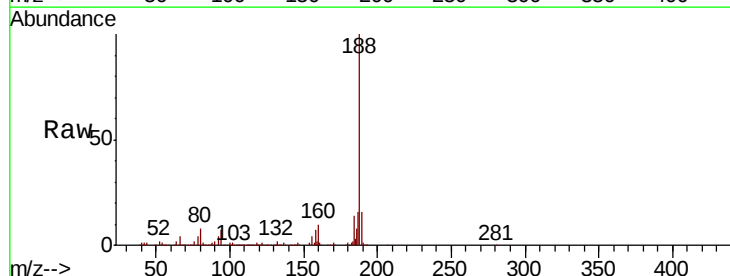
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG042788.D
 Acq: 12 Sep 2019 18:56

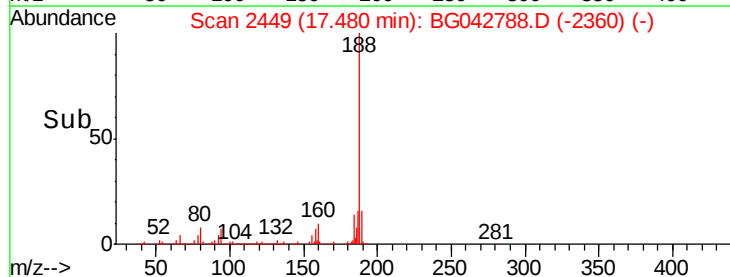
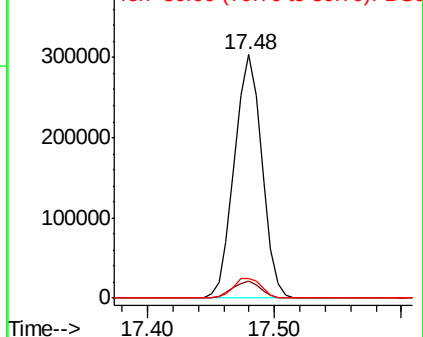
Tgt Ion:	188	Resp:	455936
Ion	Ratio	Lower	Upper
188	100		
94	7.1	4.8	7.2
80	7.9	6.6	9.8

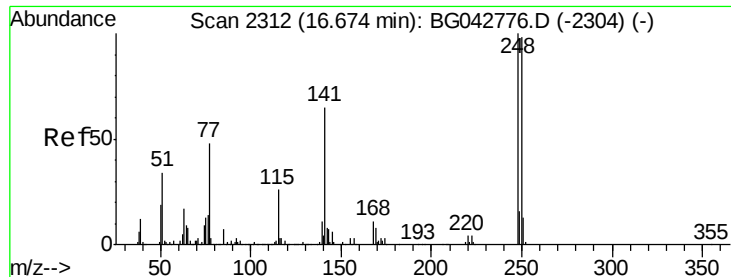


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#67

4-Bromophenyl-phenylether

Concen: 4.353 ng

RT: 16.22 min Scan# 2234

Delta R.T. -0.46 min

Lab File: BG042788.D

Acq: 12 Sep 2019 18:56

Instrument :

BNA_G

ClientSampled :

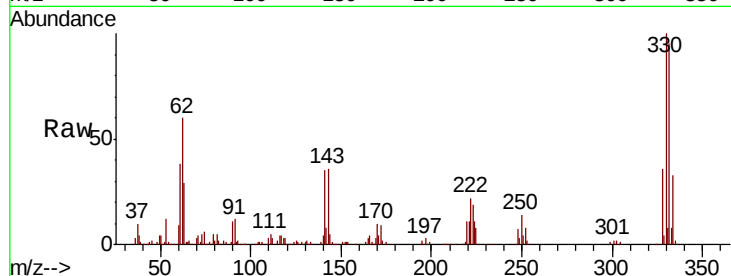
Tot Ion:248 Resp: 24021

Ion Ratio Lower Upper

248 100

250 201.2 78.0 117.0#

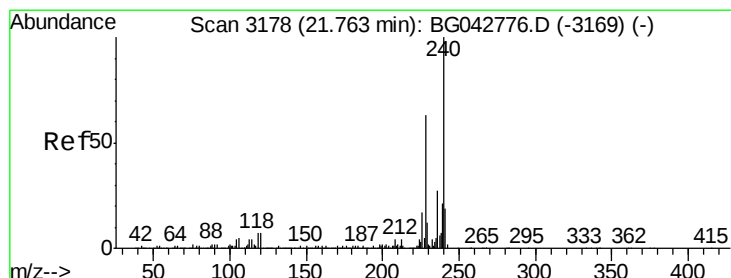
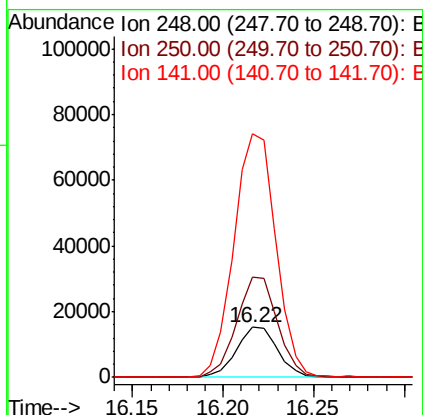
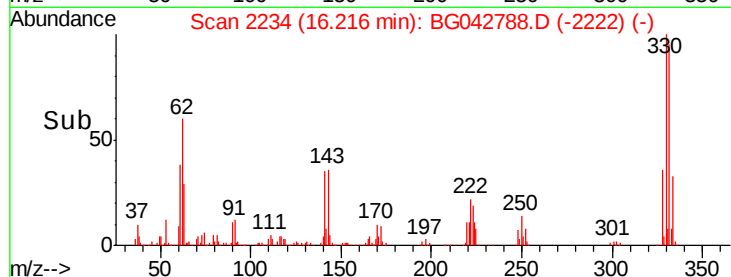
141 488.0 51.8 77.6#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042788.D

Acq: 12 Sep 2019 18:56

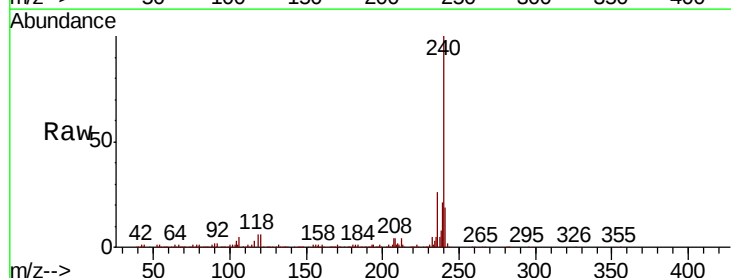
Tgt Ion:240 Resp: 490798

Ion Ratio Lower Upper

240 100

120 6.0 5.4 8.2

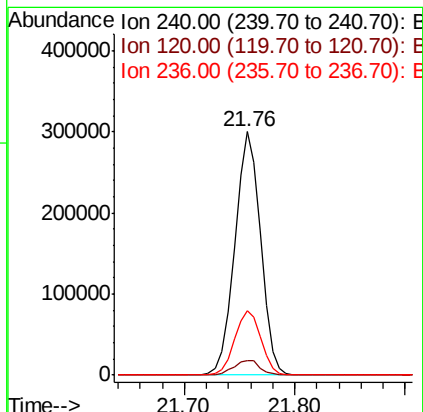
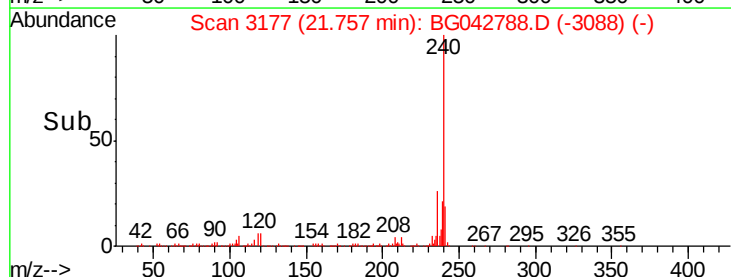
236 26.4 21.7 32.5

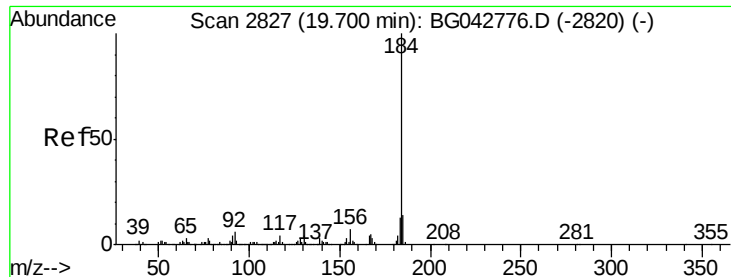


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

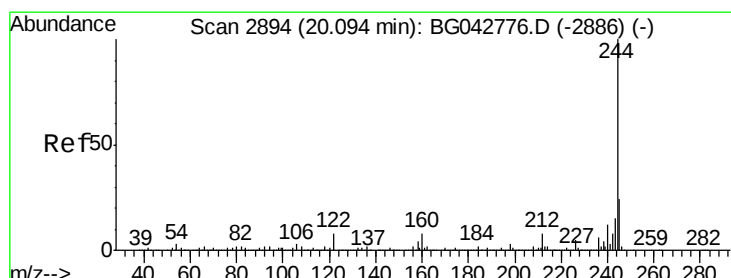
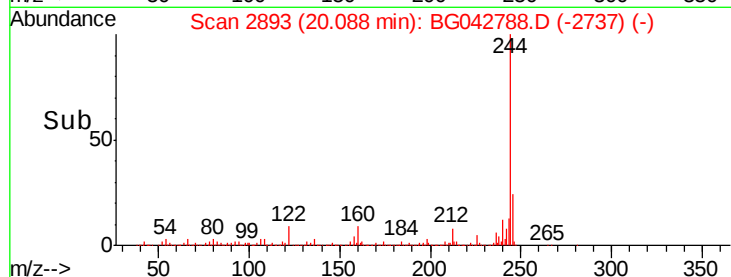
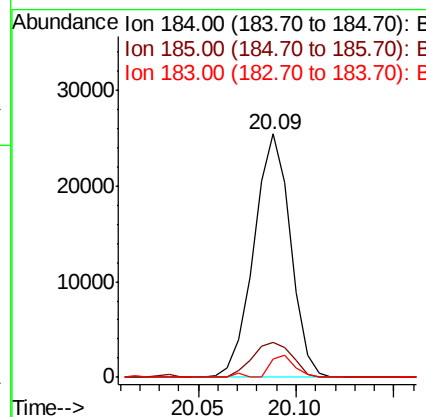
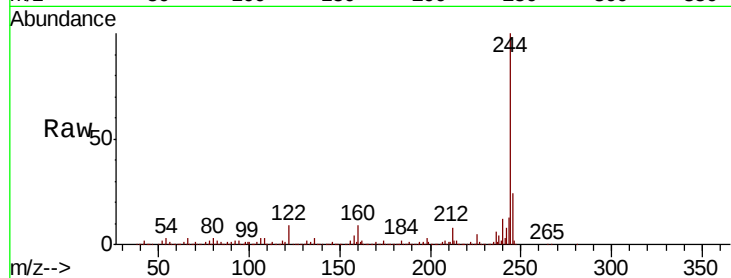




#77
Benzidine
Concen: 2.405 ng
RT: 20.09 min Scan# 2893
Delta R.T. 0.39 min
Lab File: BG042788.D
Acq: 12 Sep 2019 18:56

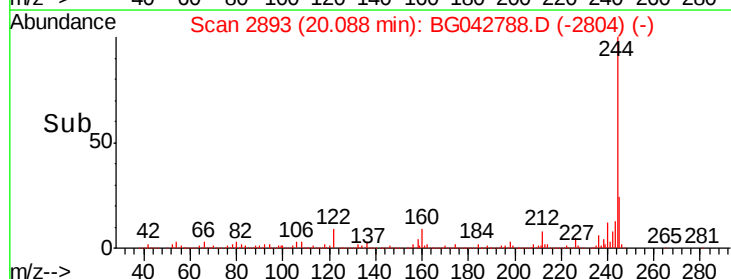
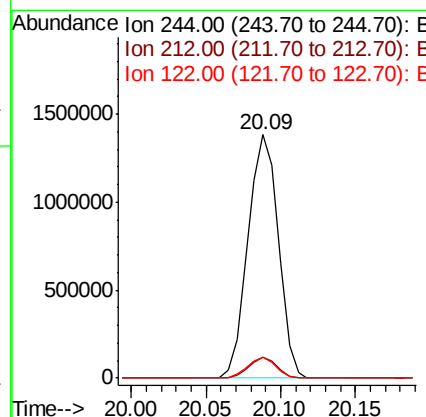
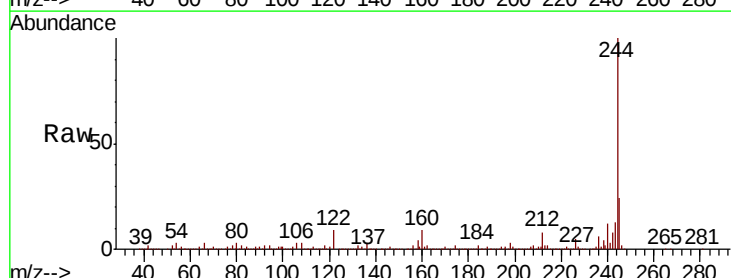
Instrument :
BNA_G
ClientSampleId :

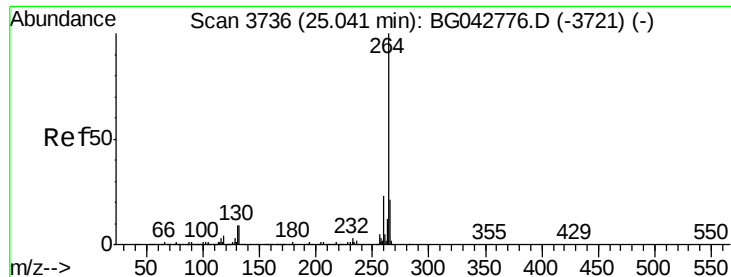
Tot Ion:184 Resp: 32979
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 7.3 10.4 15.6#



#79
Terphenyl-d14
Concen: 87.674 ng
RT: 20.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BG042788.D
Acq: 12 Sep 2019 18:56

Tgt Ion:244 Resp: 1941542
Ion Ratio Lower Upper
244 100
212 8.4 6.6 10.0
122 8.7 6.2 9.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3734
 Delta R.T. -0.01 min
 Lab File: BG042788.D
 Acq: 12 Sep 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.2
265	22.2	16.9	25.3

