

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042787.D
 Acq On : 12 Sep 2019 18:18
 Operator : HP/JU
 Sample : K4822-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 07:01:44 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

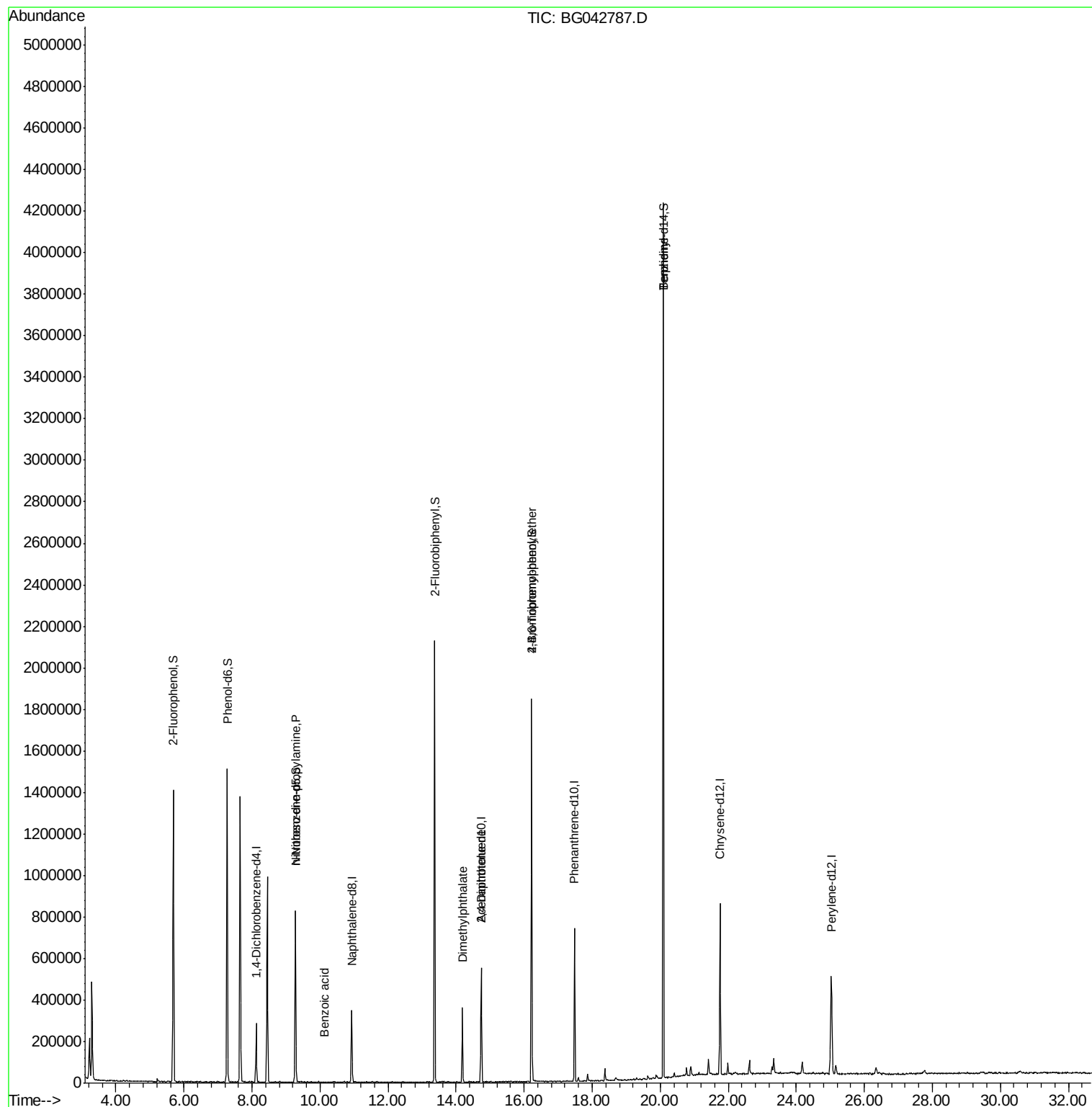
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	74269	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	287367	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	195324	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	467597	20.00	ng	0.00
76) Chrysene-d12	21.76	240	506491	20.00	ng	0.00
87) Perylene-d12	25.03	264	544519	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	545609	127.72	ng	0.00
7) Phenol-d6	7.27	99	823497	134.30	ng	0.00
23) Nitrobenzene-d5	9.27	82	501928	90.93	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	348156	133.98	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1106626	89.68	ng	0.00
79) Terphenyl-d14	20.09	244	1951956	85.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	71628	15.853	ng	# 73
32) Benzoic acid	10.13	122	60	5.981	ng	# 1
50) Dimethylphthalate	14.19	163	225285	15.397	ng	99
57) 2,4-Dinitrotoluene	14.74	165	27483	6.867	ng	# 24
67) 4-Bromophenyl-phenylether	16.22	248	23850	4.214	ng	# 1
77) Benzidine	20.09	184	33580	2.373	ng	98

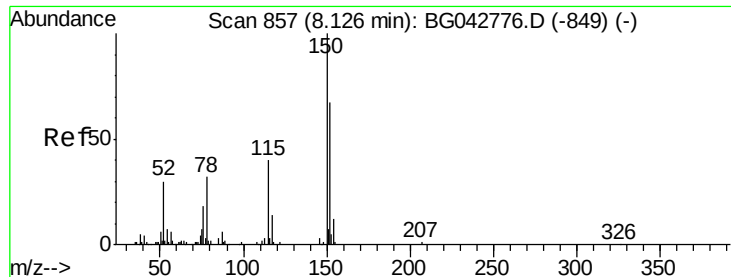
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042787.D
Acq On : 12 Sep 2019 18:18
Operator : HP/JU
Sample : K4822-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 13 07:01:44 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



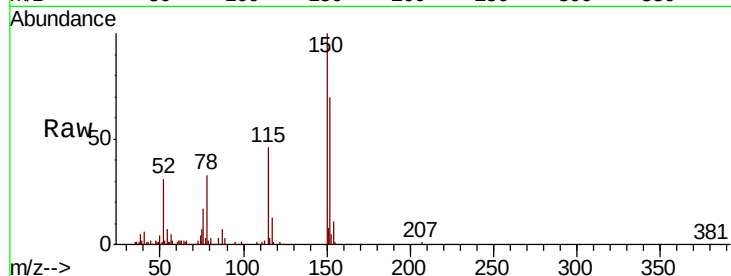


#1

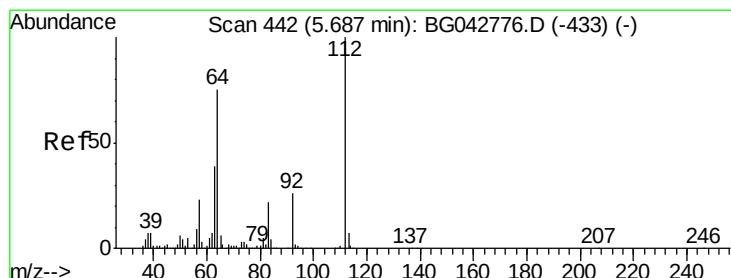
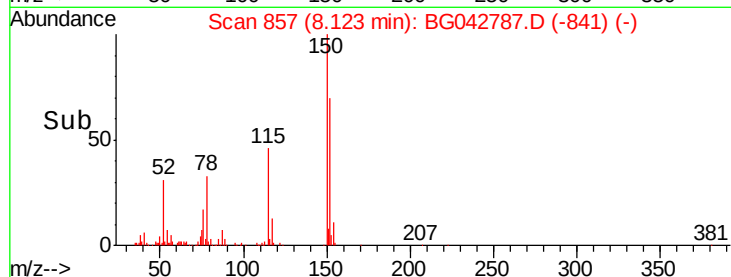
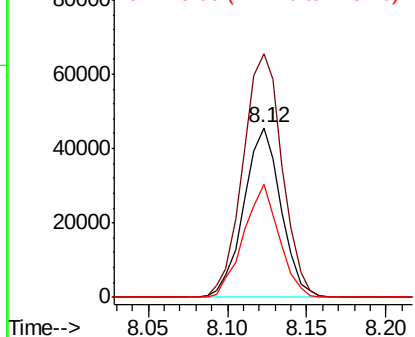
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042787.D
Acq: 12 Sep 2019 18:18

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.3	118.9	178.3
115	66.5	47.4	71.2



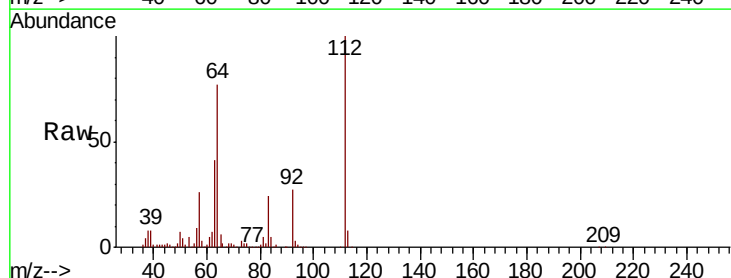
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



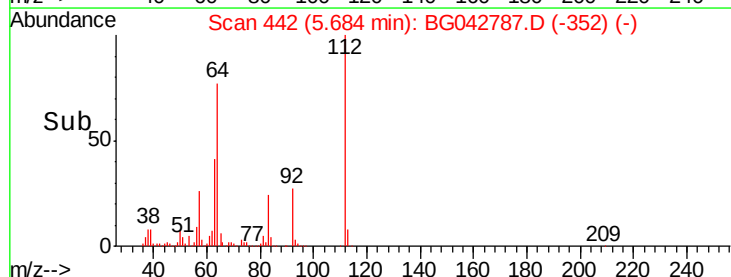
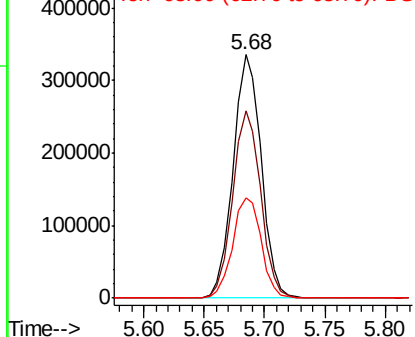
#5

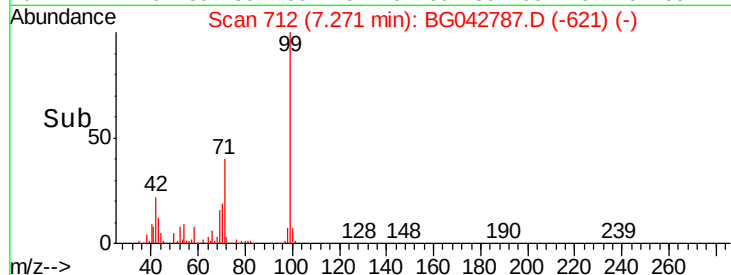
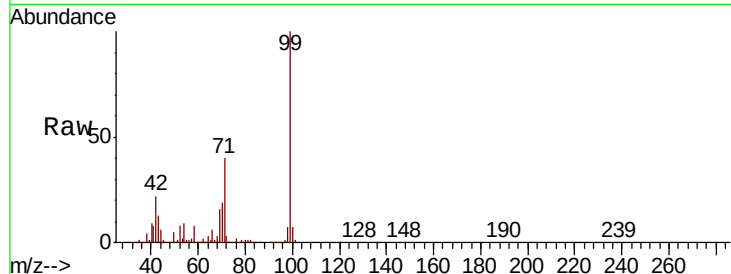
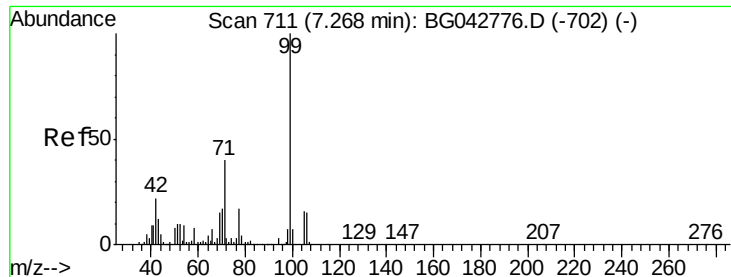
2-Fluorophenol
Concen: 127.721 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042787.D
Acq: 12 Sep 2019 18:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.9	60.2	90.2
63	41.4	31.2	46.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 134.303 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042787.D

Acq: 12 Sep 2019 18:18

Instrument :

BNA_G

ClientSampleId :

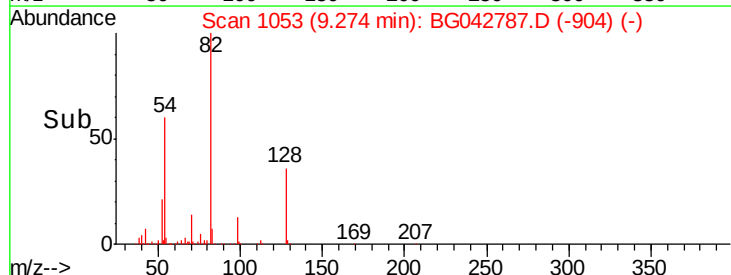
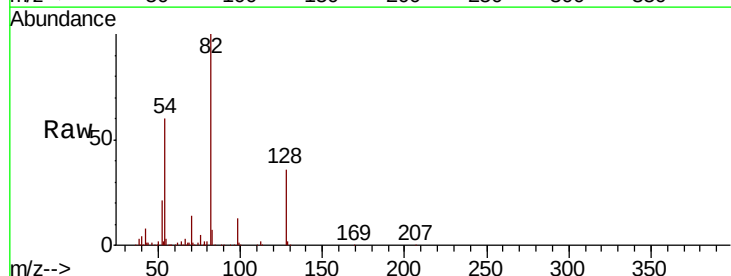
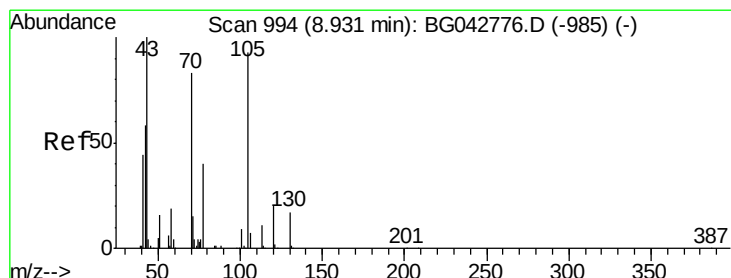
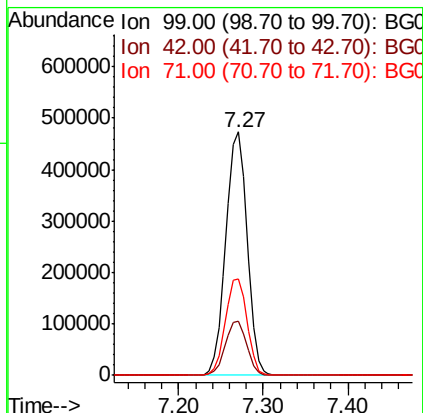
Tot Ion: 99 Resp: 823497

Ion Ratio Lower Upper

99 100

42 22.5 17.5 26.3

71 39.6 32.0 48.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.853 ng

RT: 9.27 min Scan# 1053

Delta R.T. 0.34 min

Lab File: BG042787.D

Acq: 12 Sep 2019 18:18

Tgt Ion: 70 Resp: 71628

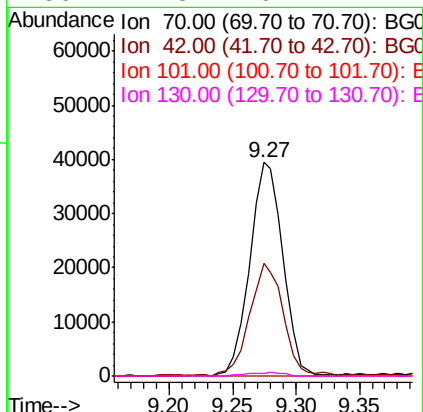
Ion Ratio Lower Upper

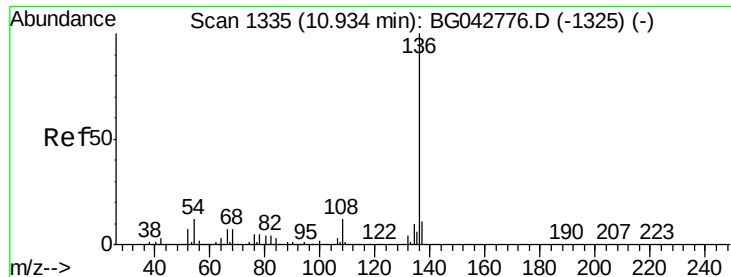
70 100

42 52.5 57.0 85.6#

101 0.0 8.4 12.6#

130 1.3 16.1 24.1#

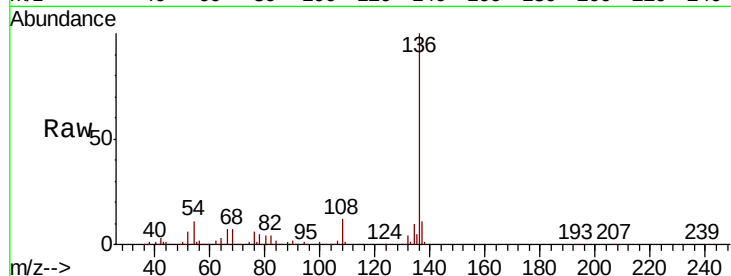




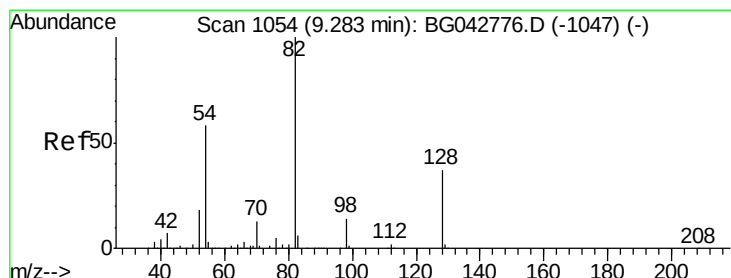
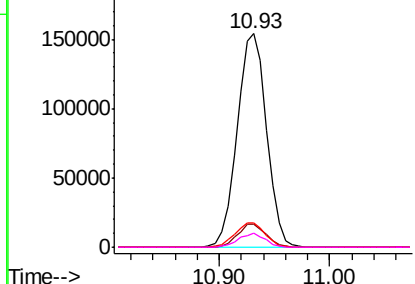
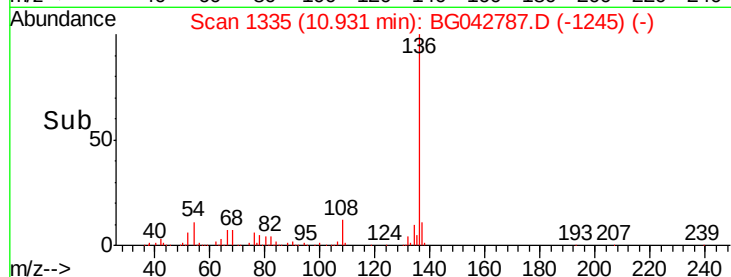
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG042787.D
Acq: 12 Sep 2019 18:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	287367
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.6
54	11.3	9.4 14.0
68	6.7	5.4 8.2

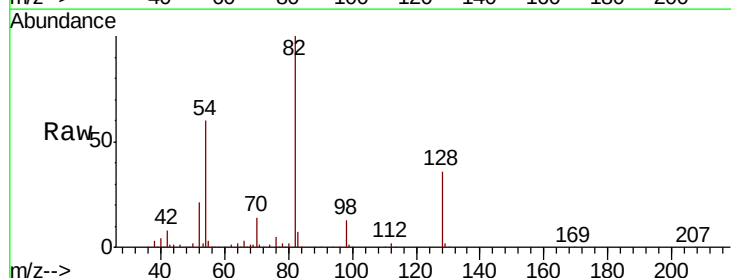


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

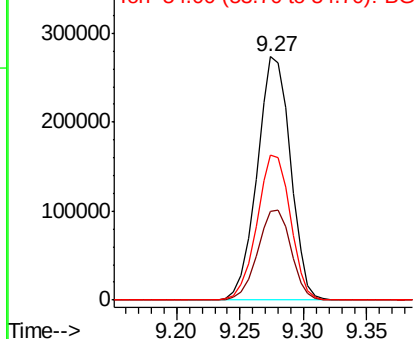
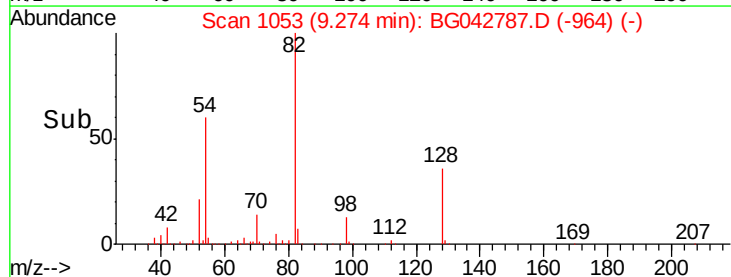


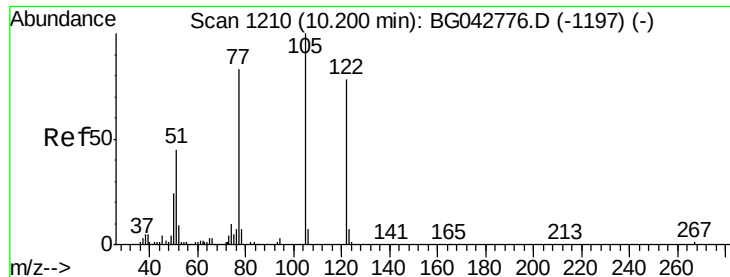
#23
Nitrobenzene-d5
Concen: 90.935 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042787.D
Acq: 12 Sep 2019 18:18

Tgt Ion: 82	Resp:	501928
Ion Ratio	Lower	Upper
82	100	
128	36.2	29.8 44.8
54	59.7	46.1 69.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 5.981 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.07 min

Lab File: BG042787.D

Acq: 12 Sep 2019 18:18

Instrument :

BNA_G

ClientSampleId :

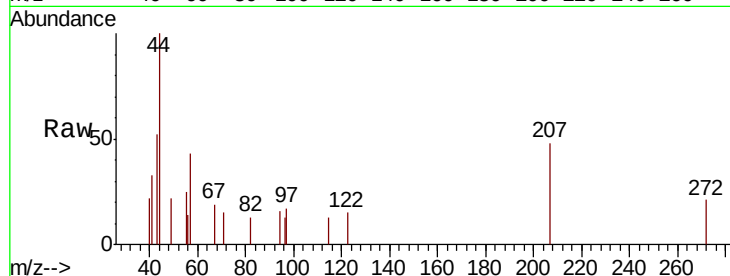
Tot Ion:122 Resp: 60

Ion Ratio Lower Upper

122 100

105 0.0 104.0 144.0#

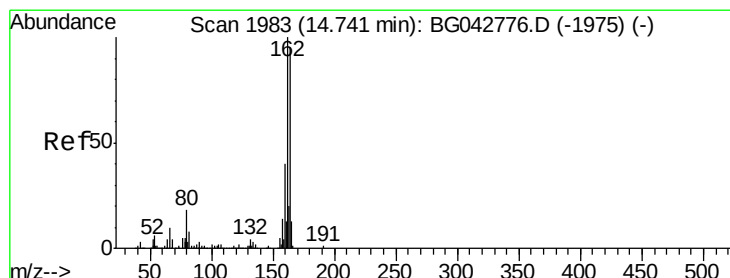
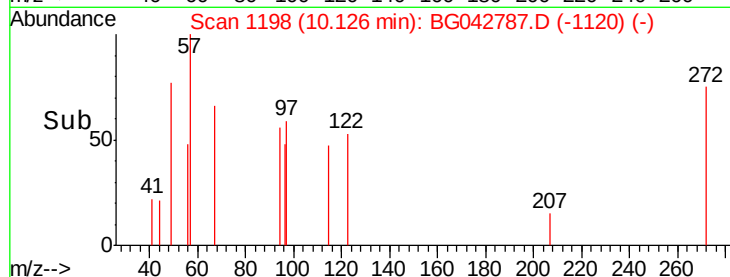
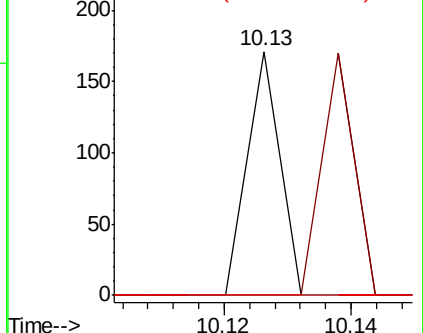
77 0.0 84.2 124.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042787.D

Acq: 12 Sep 2019 18:18

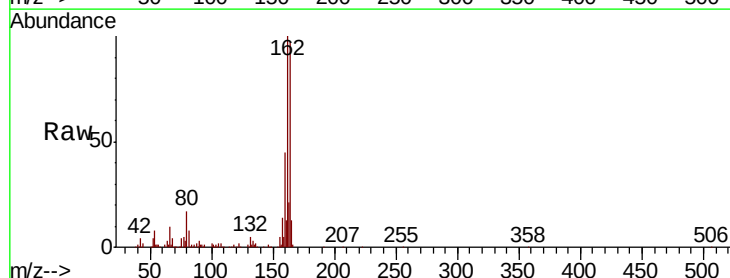
Tgt Ion:164 Resp: 195324

Ion Ratio Lower Upper

164 100

162 103.6 84.6 126.8

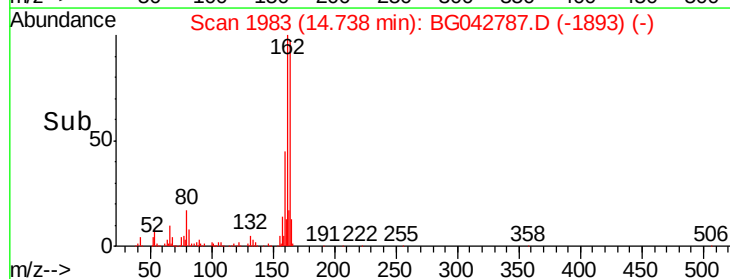
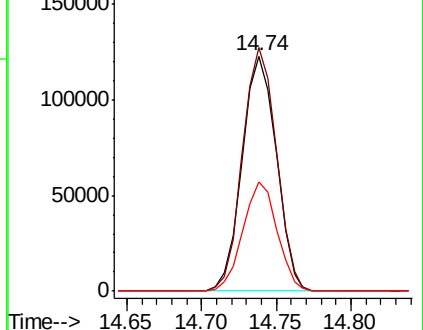
160 46.6 34.2 51.2

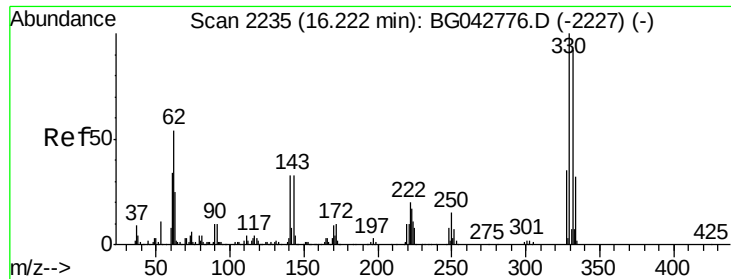


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

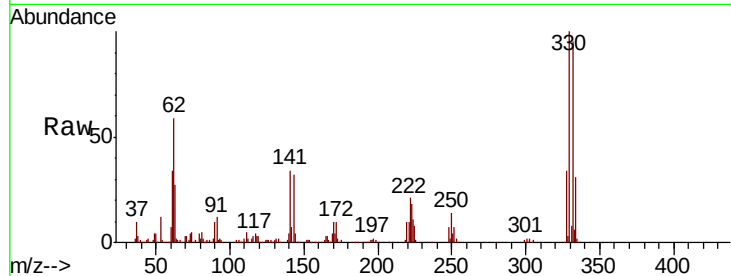




#42
2,4,6-Tribromophenol
Concen: 133.977 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG042787.D
Acq: 12 Sep 2019 18:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.7	115.1
141	35.8	27.0	40.6

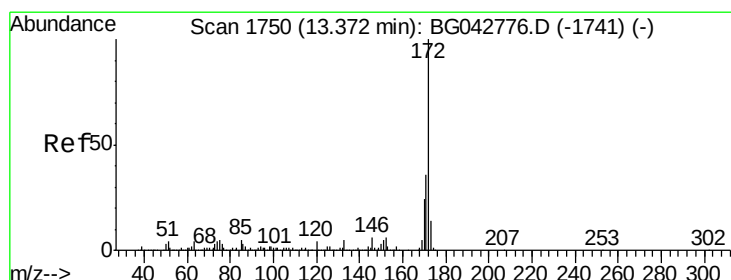
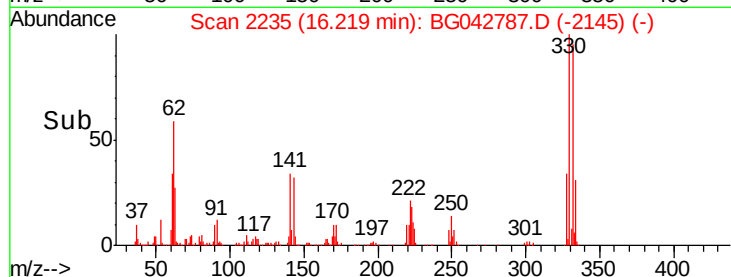
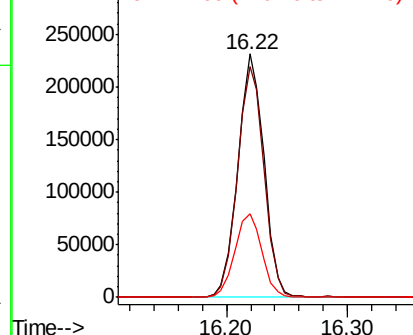


Abundance

Ion 329.80 (329.50 to 330.50): E

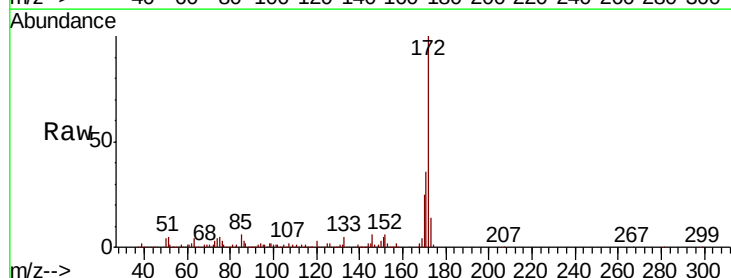
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 89.683 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.00 min
Lab File: BG042787.D
Acq: 12 Sep 2019 18:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.6	19.1	28.7

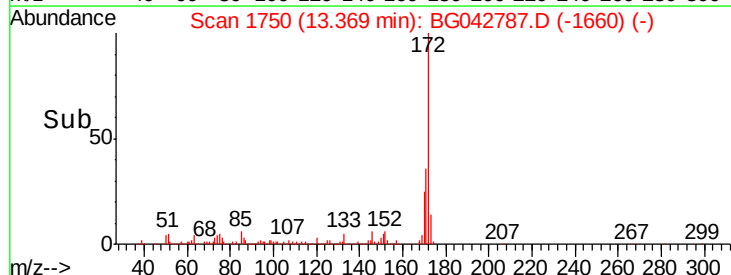
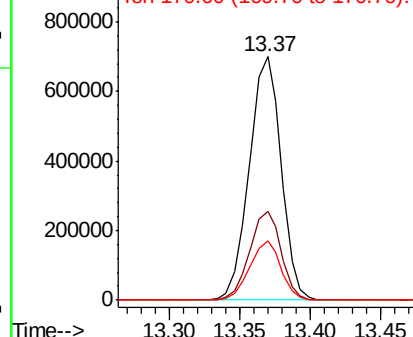


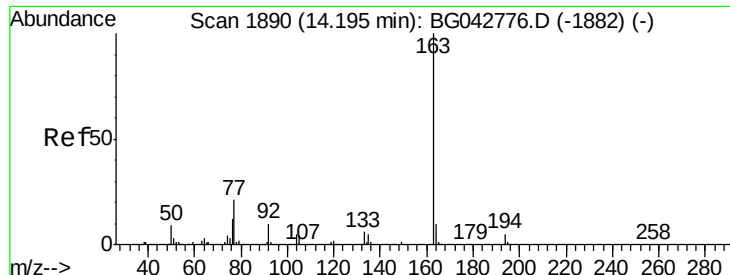
Abundance

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





#50

Dimethylphthalate

Concen: 15.397 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042787.D

Acq: 12 Sep 2019 18:18

Instrument :

BNA_G

ClientSampleId :

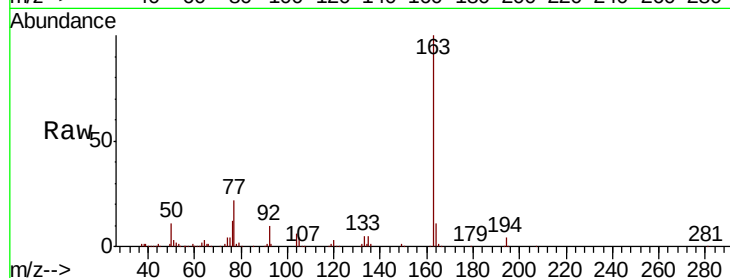
Tot Ion:163 Resp: 225285

Ion Ratio Lower Upper

163 100

194 4.3 4.2 6.4

164 10.8 8.4 12.6

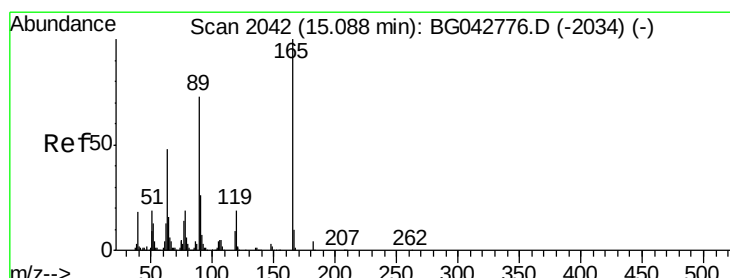
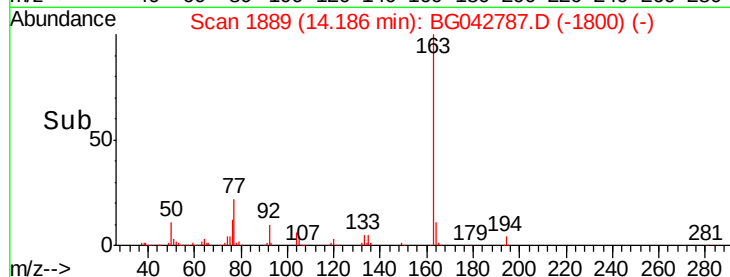
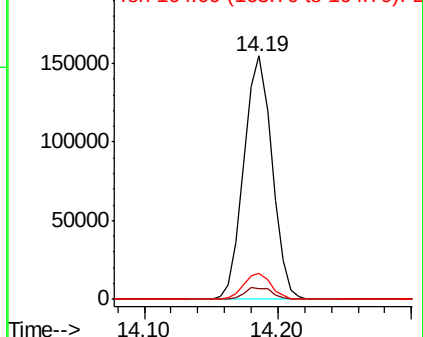


Abundance

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



#57

2,4-Dinitrotoluene

Concen: 6.867 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.35 min

Lab File: BG042787.D

Acq: 12 Sep 2019 18:18

Tgt Ion:165 Resp: 27483

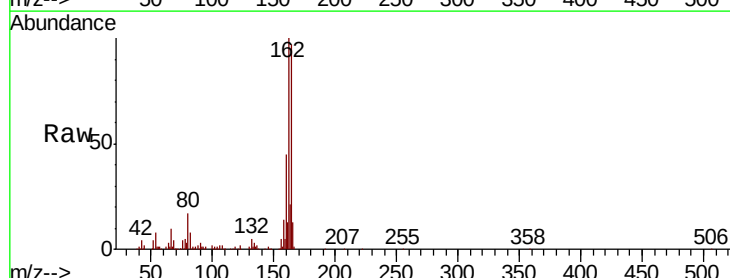
Ion Ratio Lower Upper

165 100

63 0.0 38.3 57.5#

89 3.2 58.4 87.6#

182 0.0 2.9 4.3#



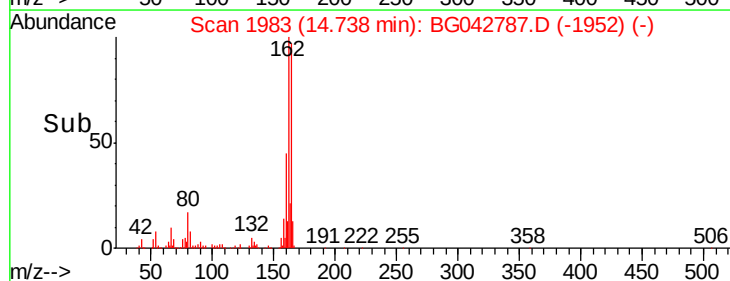
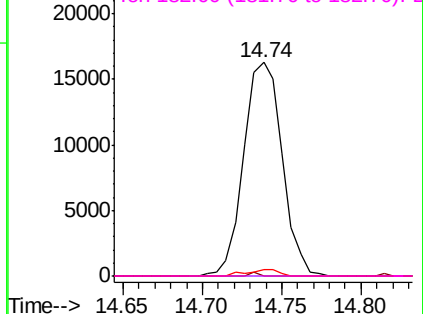
Abundance

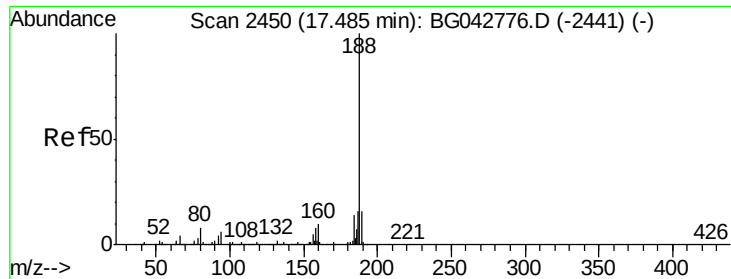
Ion 165.00 (164.70 to 165.70): E

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: BG042787.D

Acq: 12 Sep 2019 18:18

Instrument :

BNA_G

ClientSampleId :

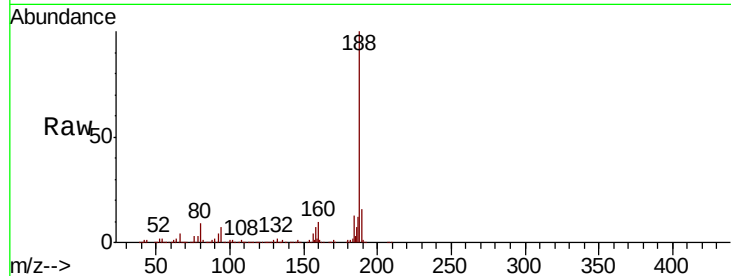
Tot Ion:188 Resp: 467597

Ion Ratio Lower Upper

188 100

94 6.8 4.8 7.2

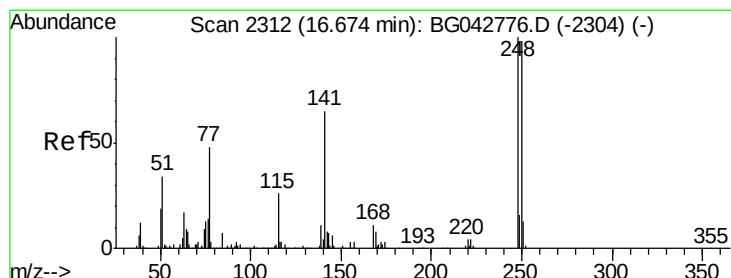
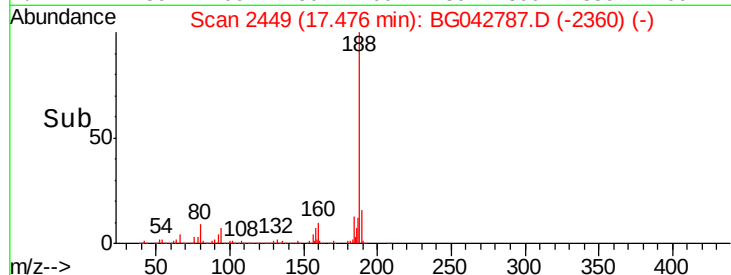
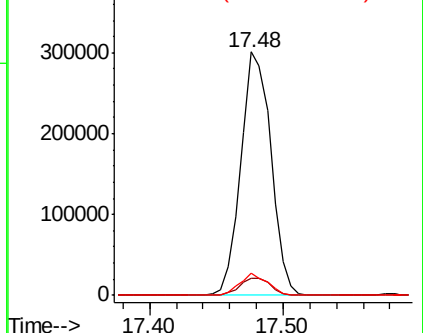
80 9.0 6.6 9.8



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: 4.214 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.46 min

Lab File: BG042787.D

Acq: 12 Sep 2019 18:18

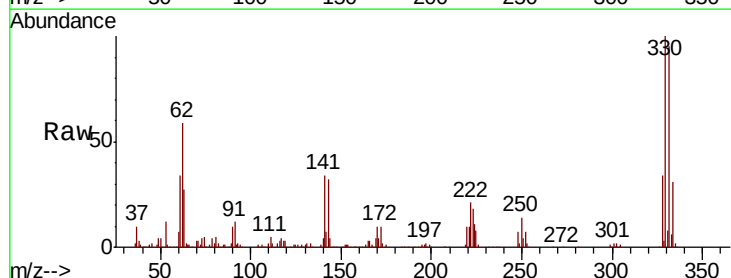
Tgt Ion:248 Resp: 23850

Ion Ratio Lower Upper

248 100

250 208.5 78.0 117.0#

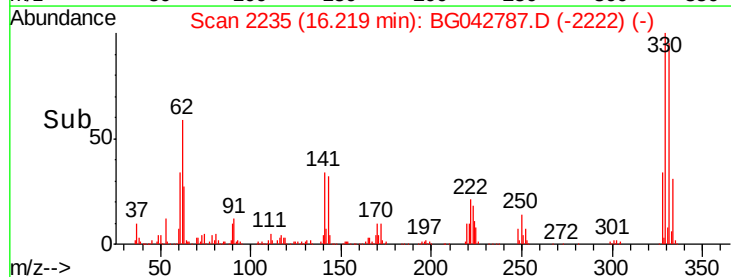
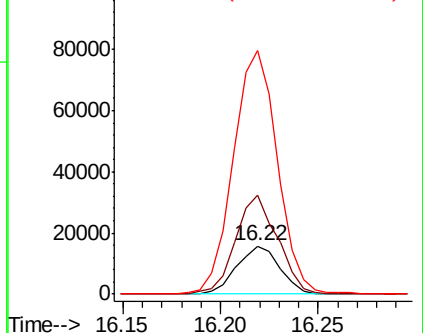
141 509.9 51.8 77.6#

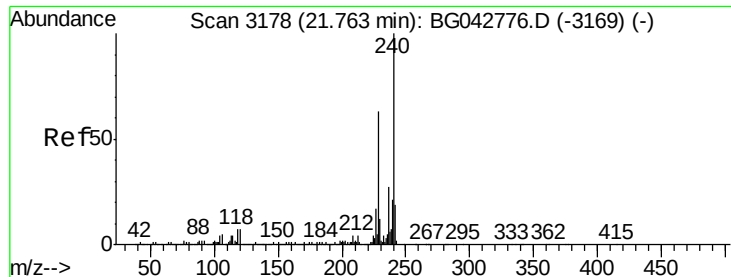


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

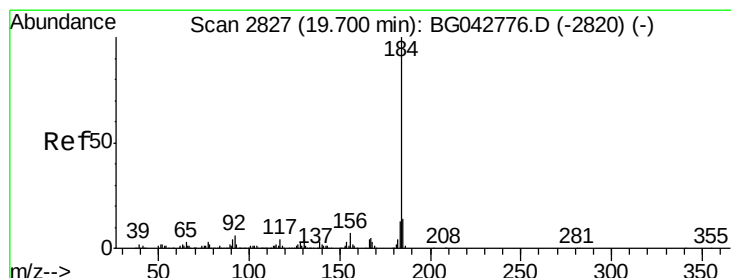
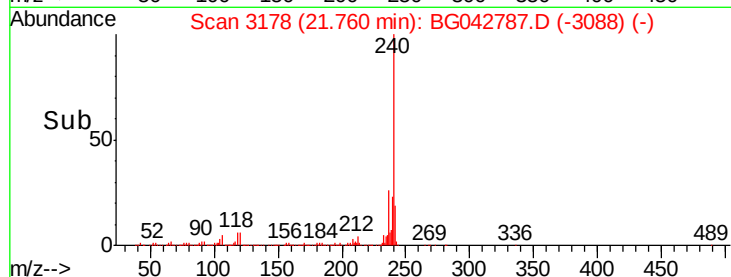
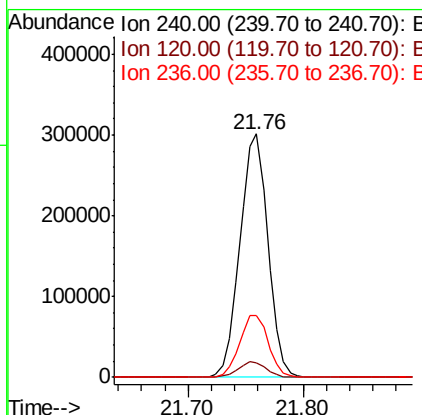
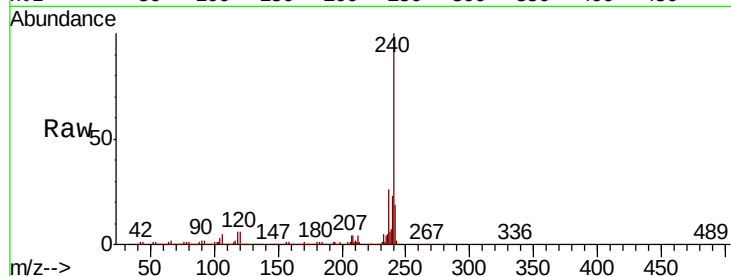




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BG042787.D
Acq: 12 Sep 2019 18:18

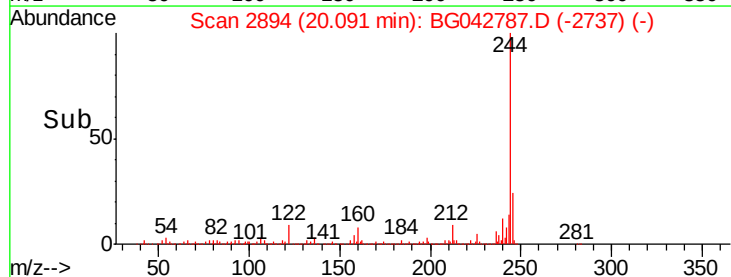
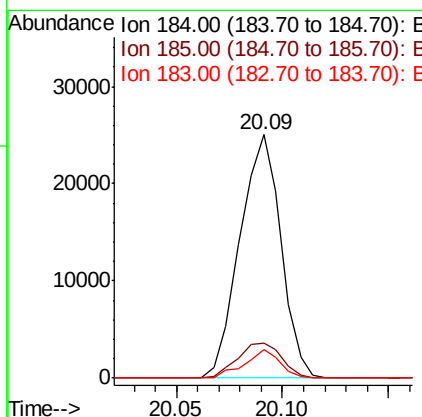
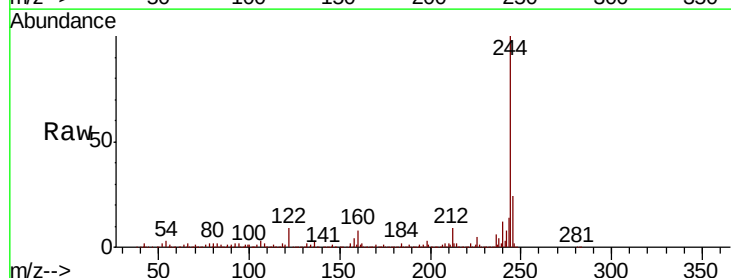
Instrument :
BNA_G
ClientSampleId :

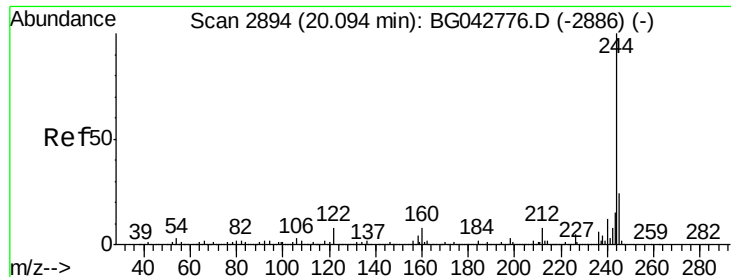
Tot Ion:240 Resp: 506491
Ion Ratio Lower Upper
240 100
120 5.8 5.4 8.2
236 25.6 21.7 32.5



#77
Benzidine
Concen: 2.373 ng
RT: 20.09 min Scan# 2894
Delta R.T. 0.39 min
Lab File: BG042787.D
Acq: 12 Sep 2019 18:18

Tgt Ion:184 Resp: 33580
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 11.6 10.4 15.6



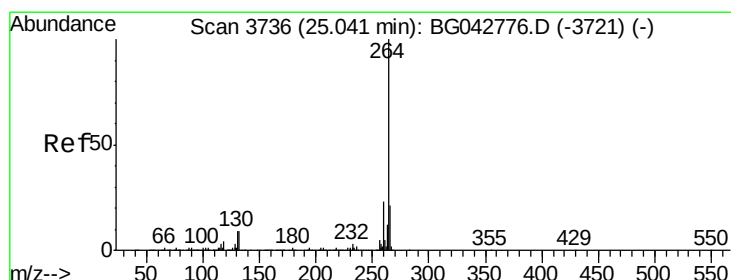
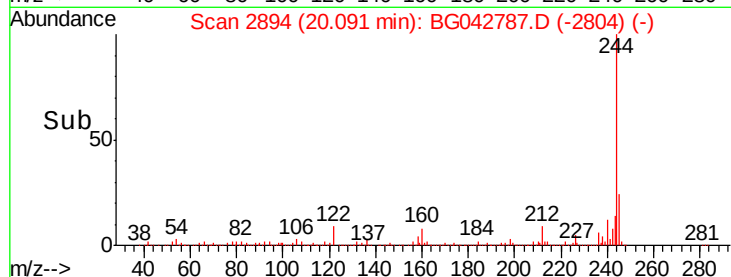
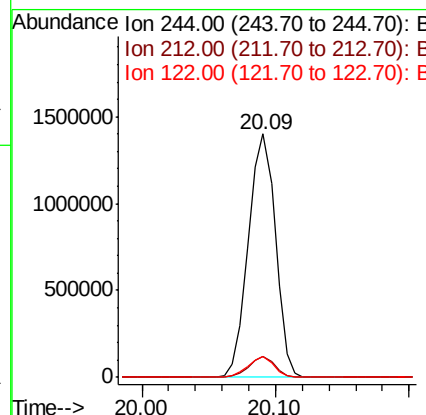
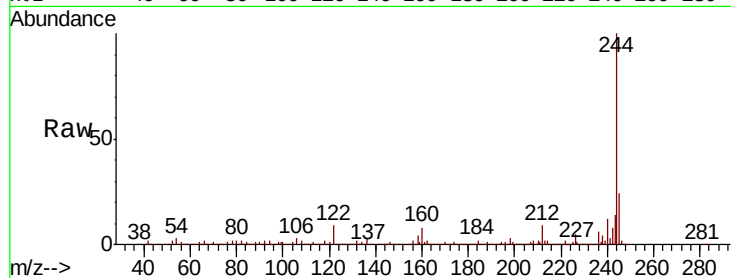


#79
 Terphenyl-d14
 Concen: 85.413 ng
 RT: 20.09 min Scan# 2894
 Delta R.T. -0.00 min
 Lab File: BG042787.D
 Acq: 12 Sep 2019 18:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1951956

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.6	10.0
122	8.5	6.2	9.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3735
 Delta R.T. -0.01 min
 Lab File: BG042787.D
 Acq: 12 Sep 2019 18:18

Tgt Ion:264 Resp: 544519

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	20.3	16.9	25.3

