

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 :
 SB-4B(9-10)

Quant Time: Sep 13 07:06:45 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

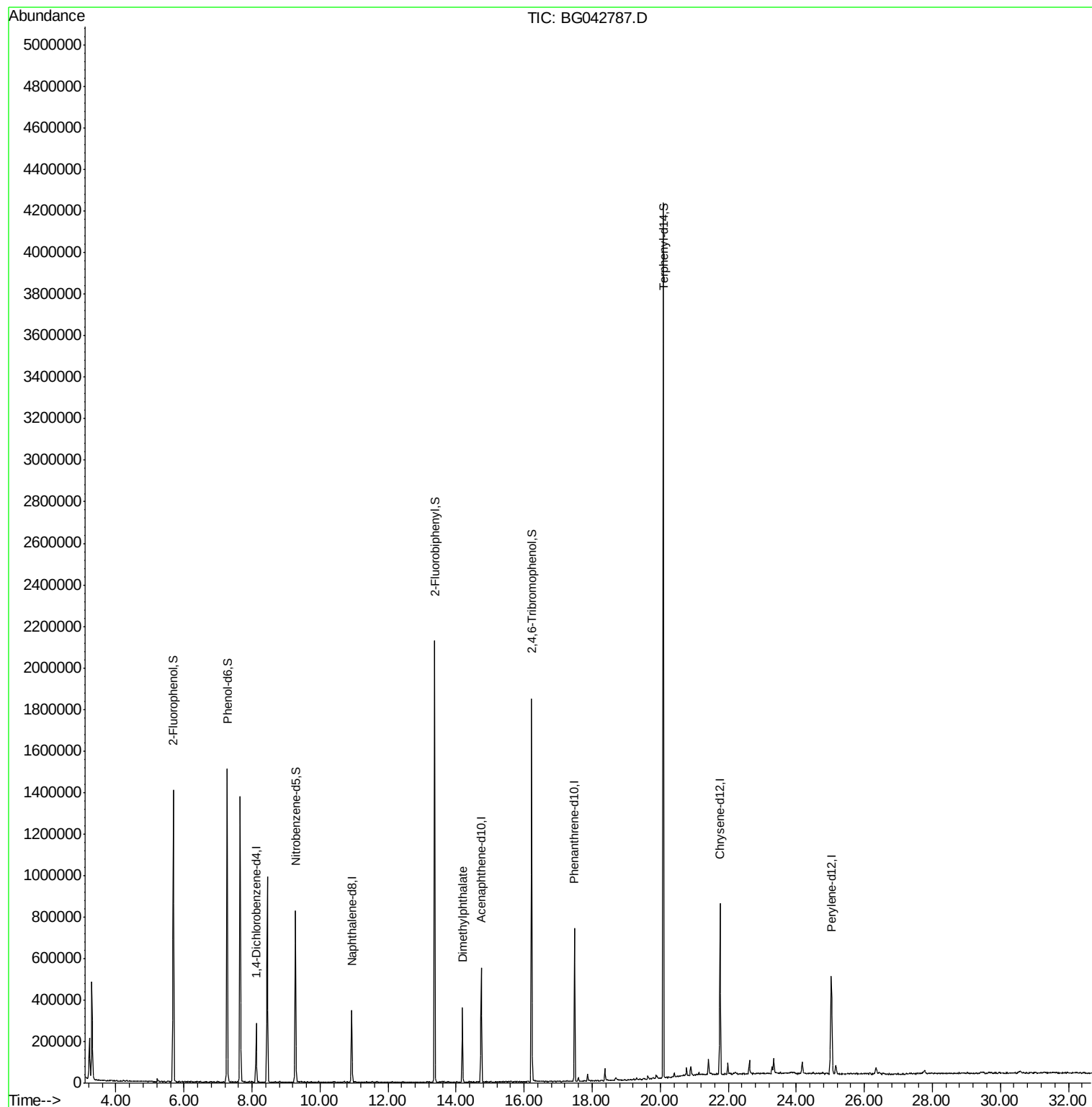
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	74269	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	287367	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	195324	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	467597	20.00	ng	0.00
76) Chrysene-d12	21.76	240	506491	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						
50) Dimethylphthalate	14.19	163	225285	15.397	ng	Qvalue 99

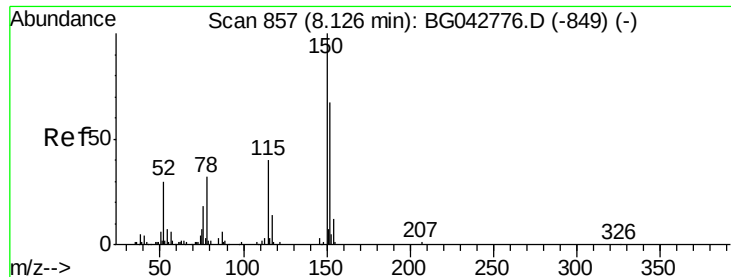
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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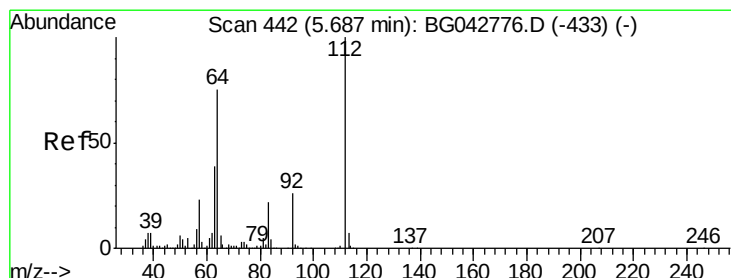
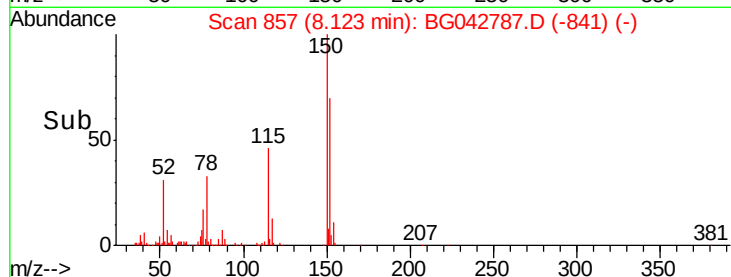
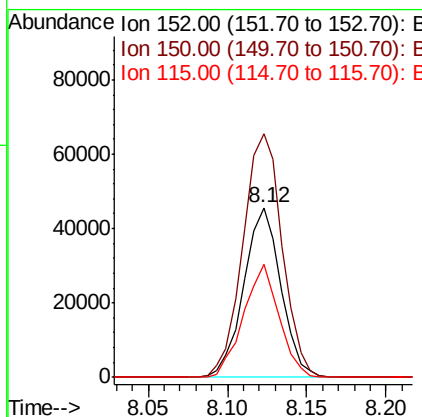
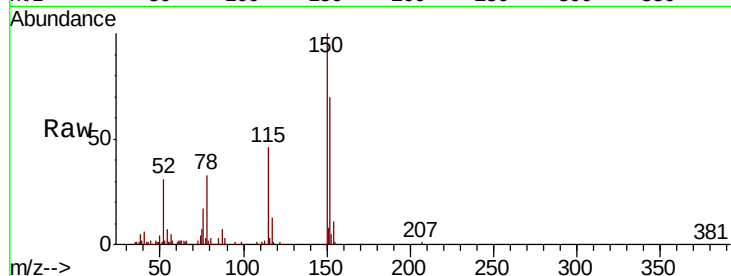


#1

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
ClientSampleId :
SB-4B(9-10)

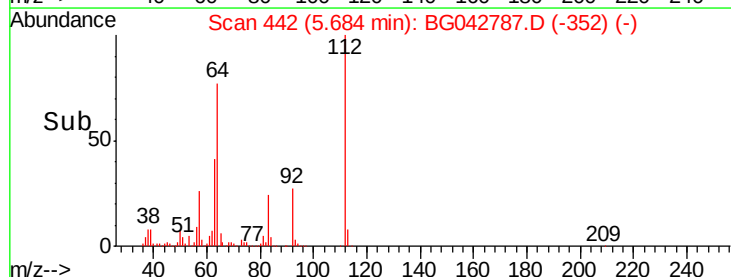
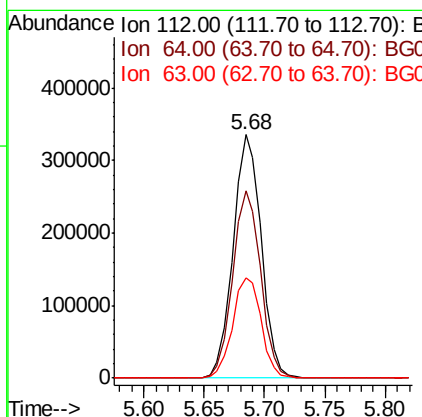
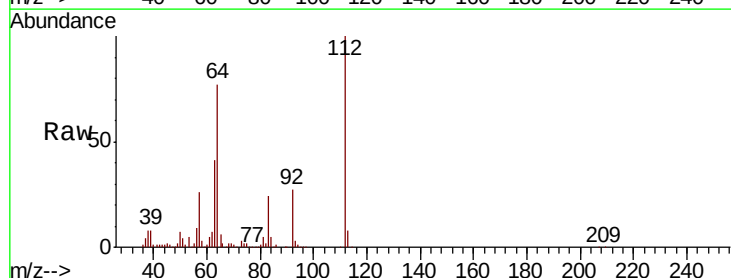
Tot Ion	Ratio	Lower	Upper
152	100		
150	143.3	118.9	178.3
115	66.5	47.4	71.2

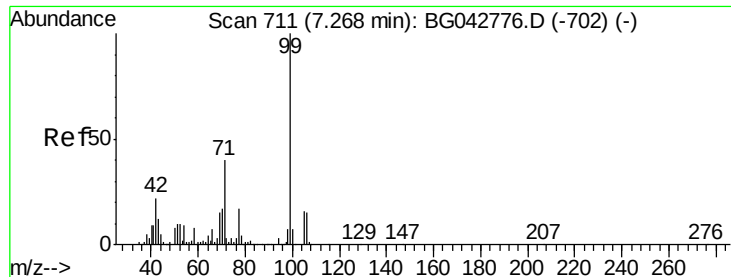


#5

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





#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 :

SB-4B(9-10)

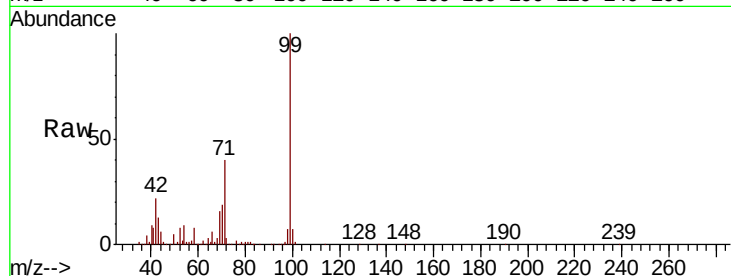
Tot Ion: 99 Resp: 823497

Ion Ratio Lower Upper

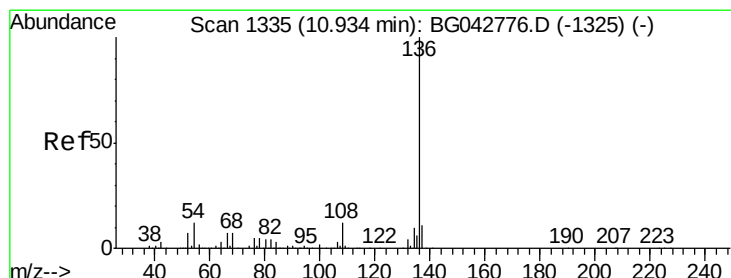
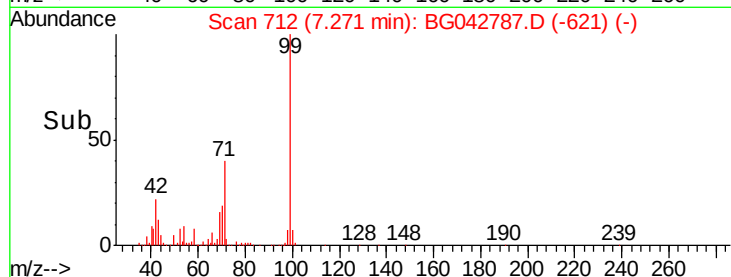
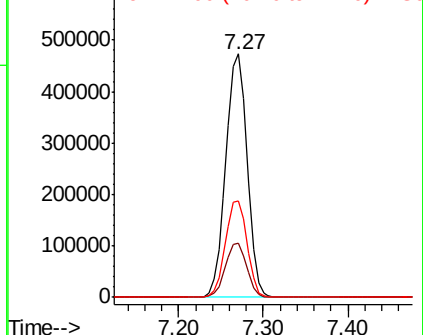
99 100

42 22.5 17.5 26.3

71 39.6 32.0 48.0



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



#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

Tgt Ion: 136 Resp: 287367

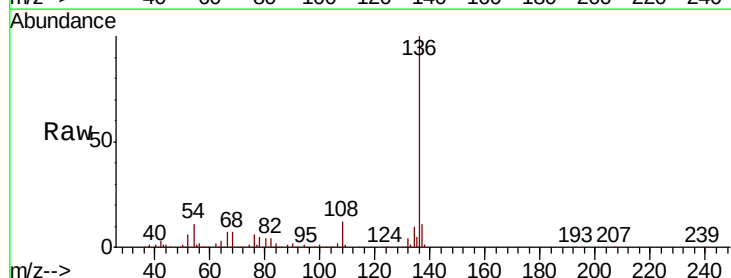
Ion Ratio Lower Upper

136 100

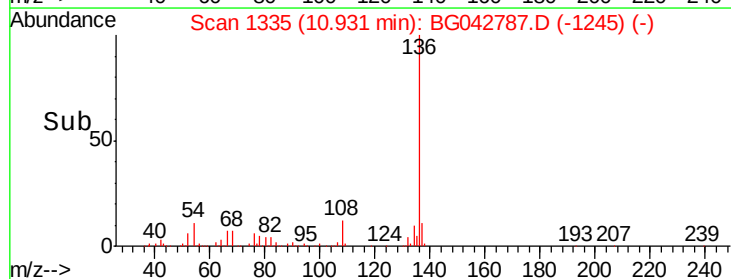
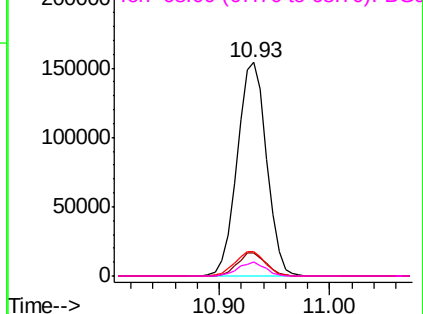
137 11.0 9.0 13.6

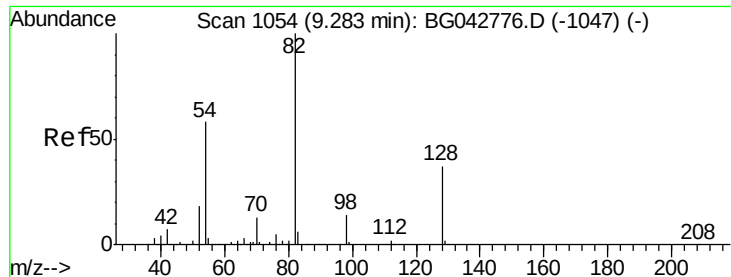
54 11.3 9.4 14.0

68 6.7 5.4 8.2



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

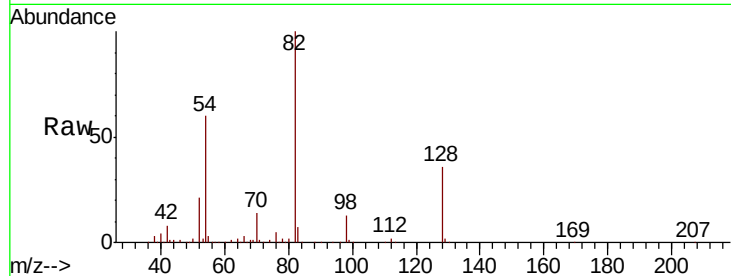




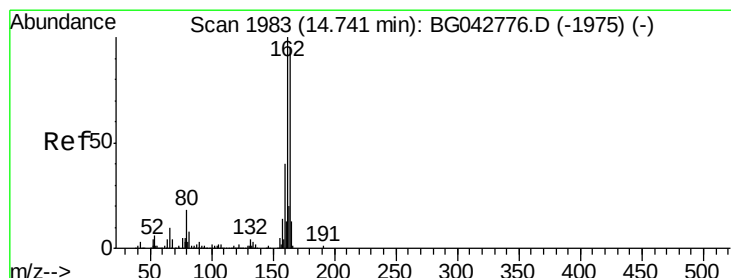
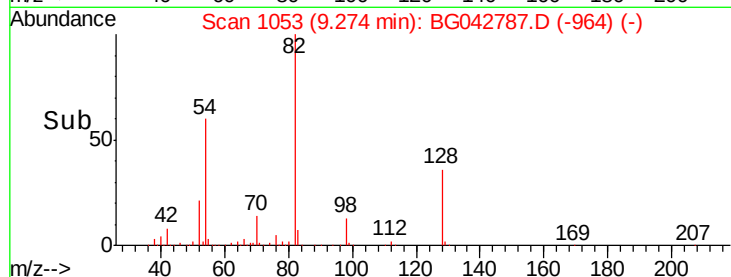
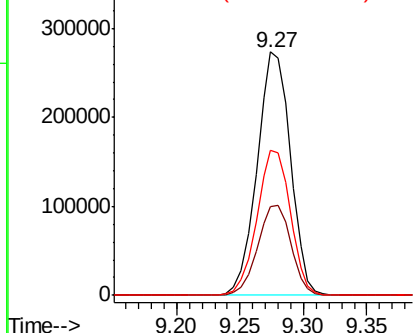
#23
 Nitrobenzene-d5
 Concen: 90.935 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042787.D
 Acq: 12 Sep 2019 18:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-4B(9-10)

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

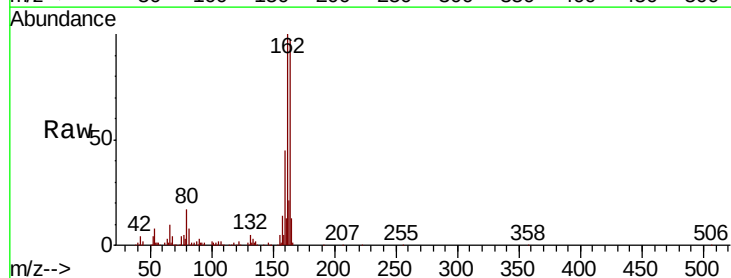


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

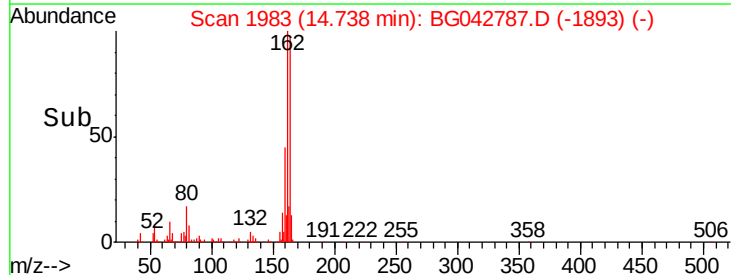
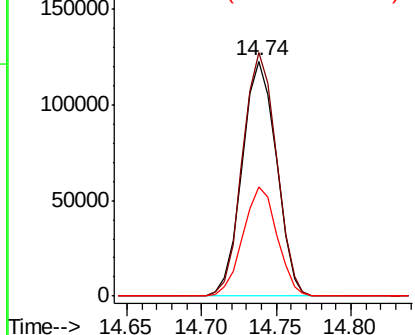


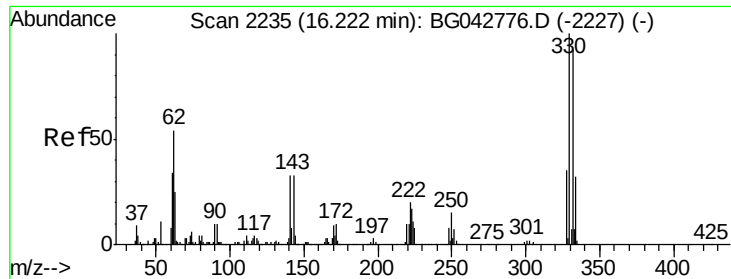
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG042787.D
 Acq: 12 Sep 2019 18:18

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): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

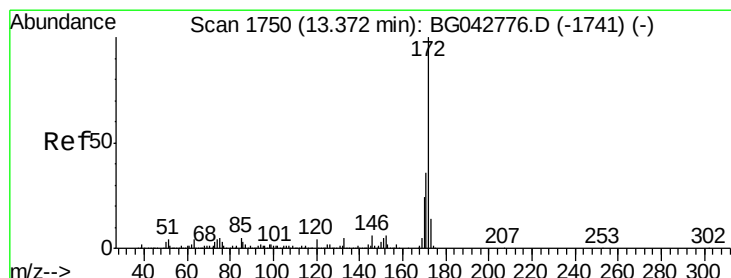
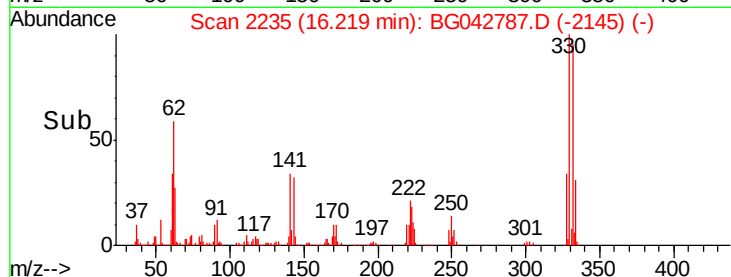
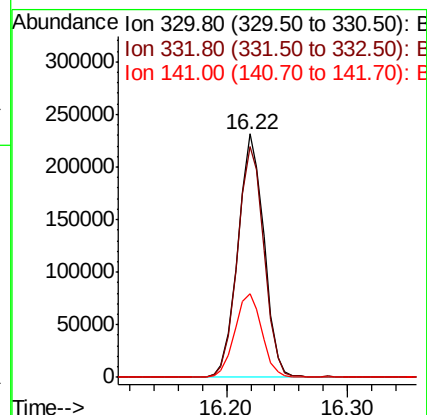
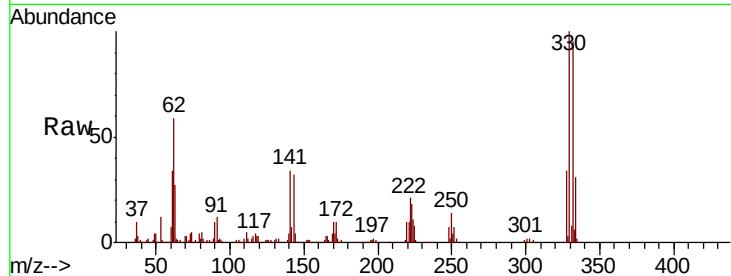




#42
 2,4,6-Tribromophenol
 Concen: 133.977 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG042787.D
 Acq: 12 Sep 2019 18:18

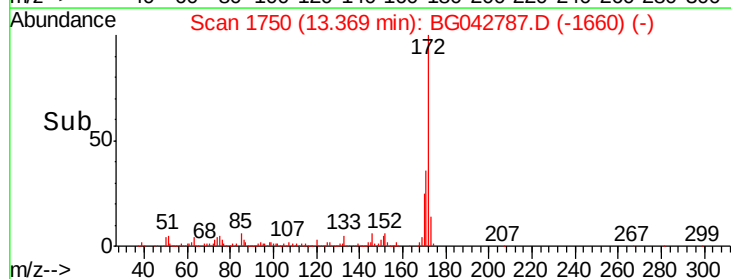
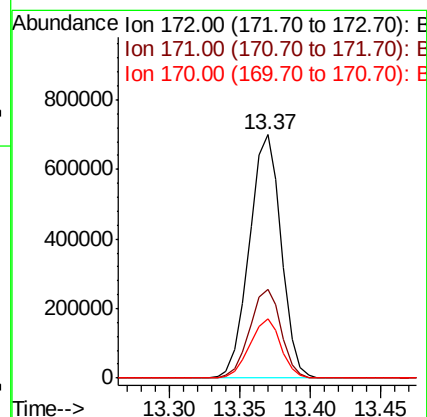
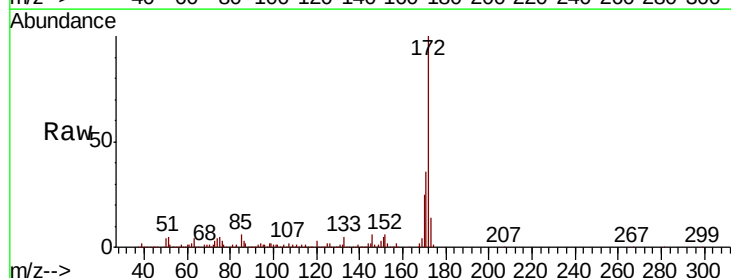
Instrument :
 BNA_G
 ClientSampleId :
 SB-4B(9-10)

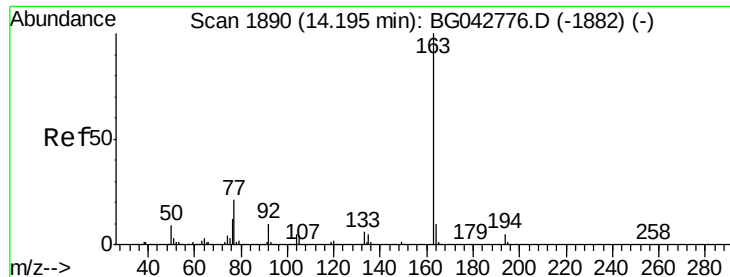
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.7	115.1
141	35.8	27.0	40.6



#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





#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 :

SB-4B(9-10)

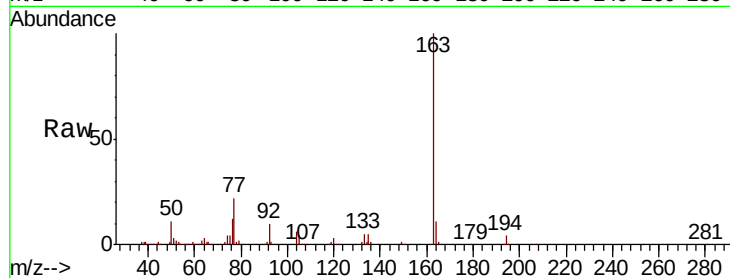
Tot Ion:163 Resp: 225285

Ion Ratio Lower Upper

163 100

194 4.3 4.2 6.4

164 10.8 8.4 12.6

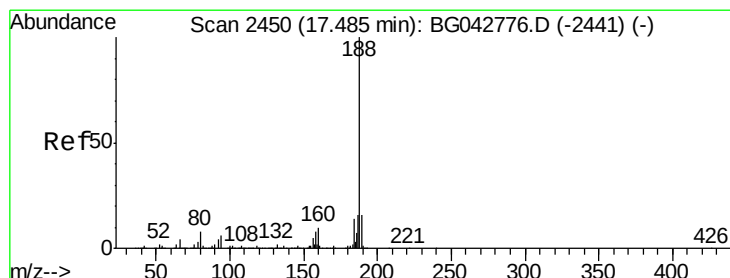
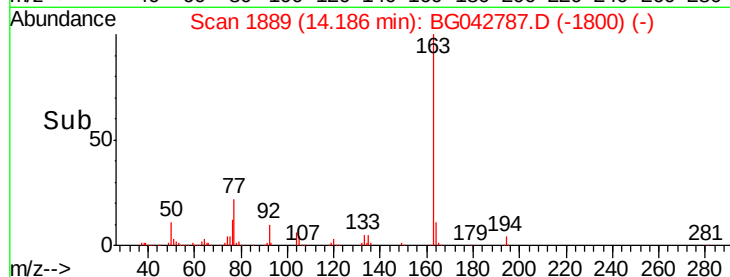
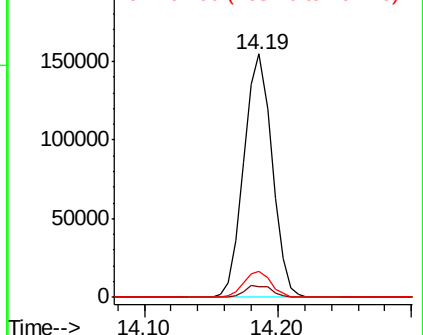


Abundance

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



#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

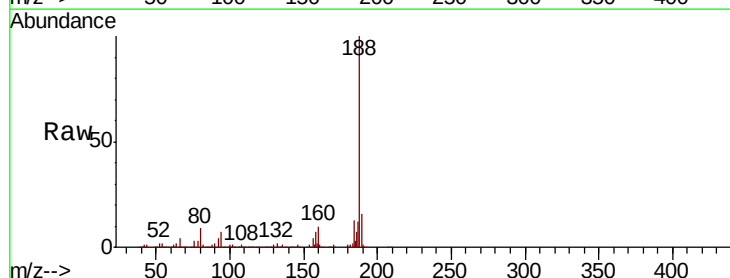
Tgt Ion:188 Resp: 467597

Ion Ratio Lower Upper

188 100

94 6.8 4.8 7.2

80 9.0 6.6 9.8

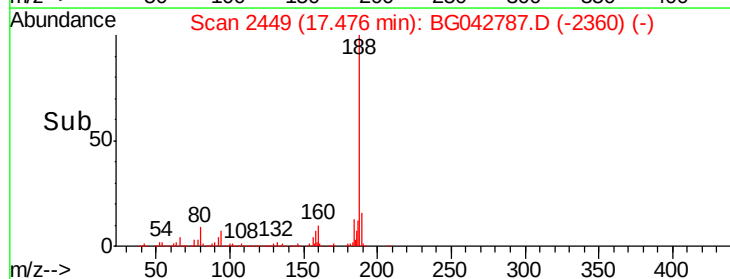
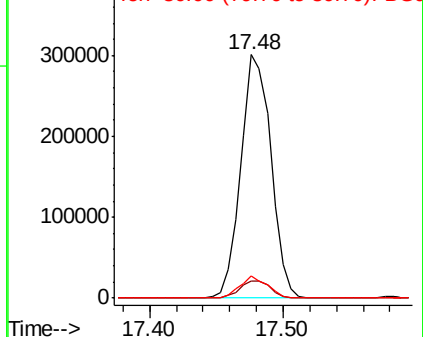


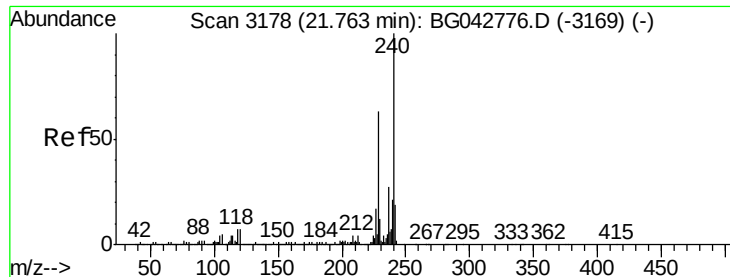
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#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 :

SB-4B(9-10)

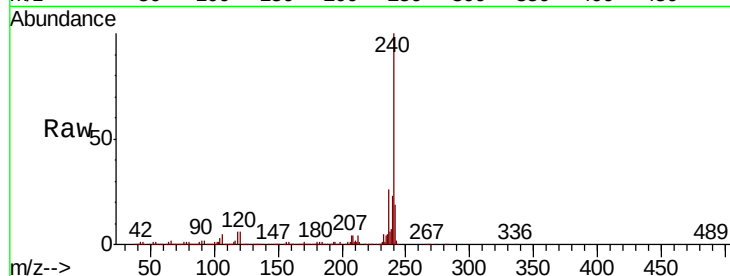
Tot Ion:240 Resp: 506491

Ion Ratio Lower Upper

240 100

120 5.8 5.4 8.2

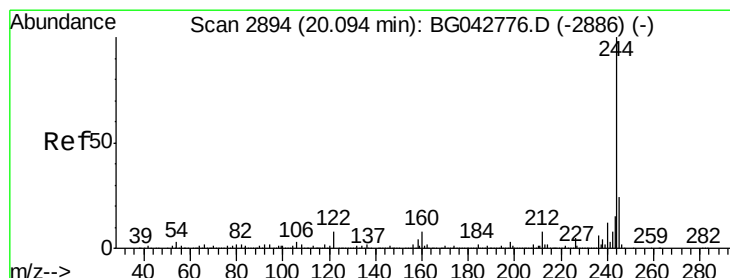
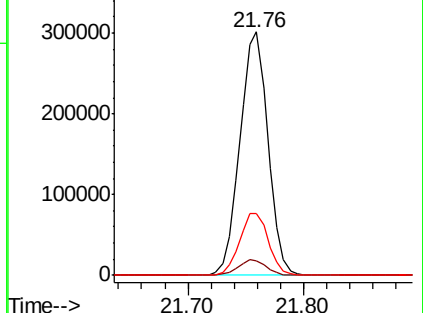
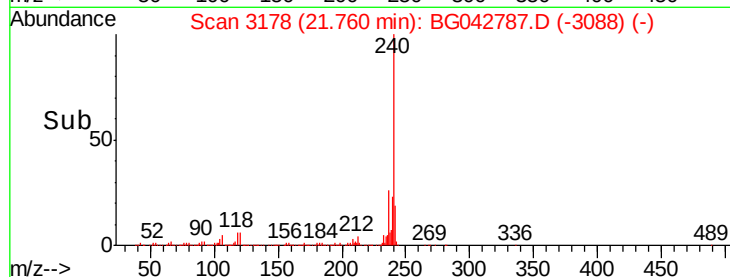
236 25.6 21.7 32.5



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



#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

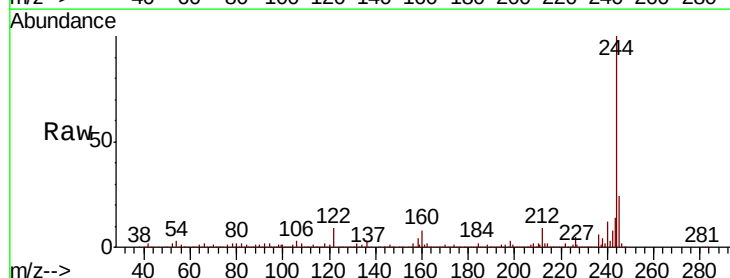
Tgt Ion:244 Resp: 1951956

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

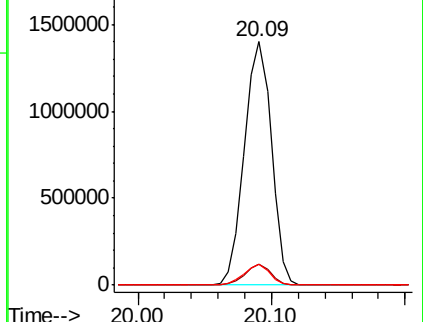
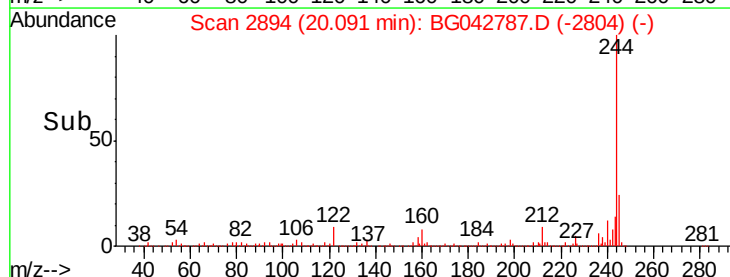
122 8.5 6.2 9.4

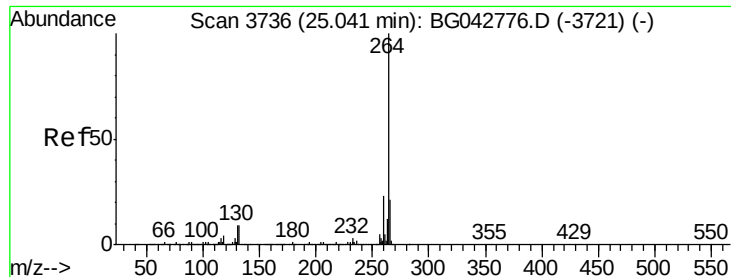


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-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

Instrument :
BNA_G
ClientSampleId :
SB-4B(9-10)

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

