

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
 Data File : BG041104.D
 Acq On : 7 Jun 2019 16:41
 Operator : HP/JU
 Sample : K3189-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-8C

Quant Time: Jun 08 17:55:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 08 17:33:39 2019
 Response via : Initial Calibration

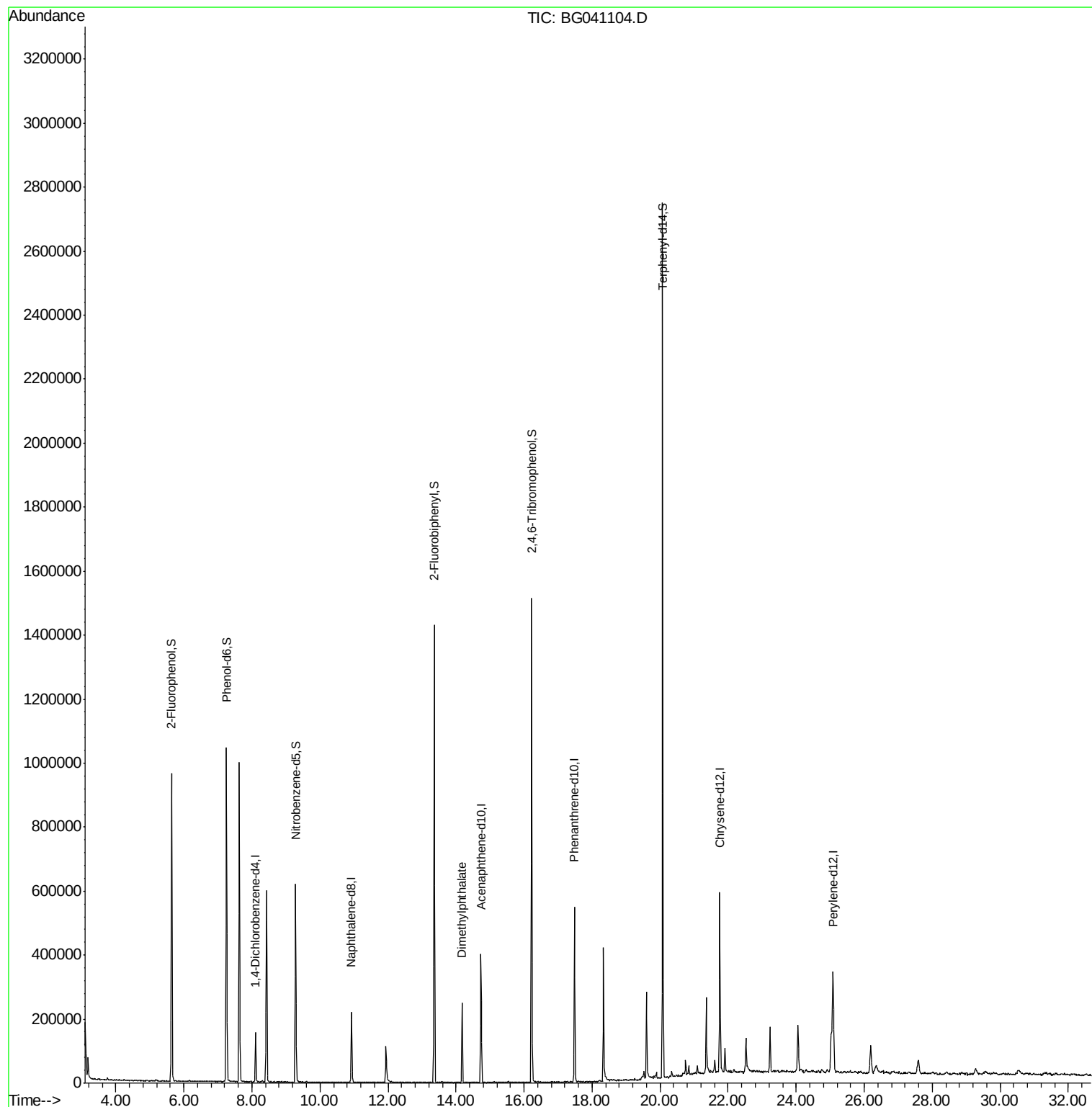
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	42112	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	179744	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	137567	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	342763	20.00	ng	0.00
76) Chrysene-d12	21.76	240	327817	20.00	ng	0.00
87) Perylene-d12	25.08	264	353455	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	367748	157.47	ng	0.00
7) Phenol-d6	7.26	99	563185	156.15	ng	0.00
23) Nitrobenzene-d5	9.28	82	373947	92.36	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	289246	141.63	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	705948	73.90	ng	0.00
79) Terphenyl-d14	20.08	244	1217231	78.81	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.18	163	159380	13.686	ng	Qvalue 99

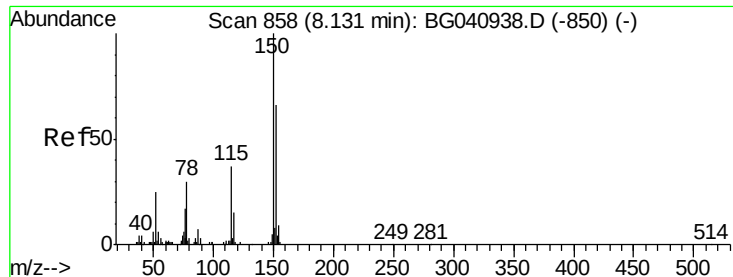
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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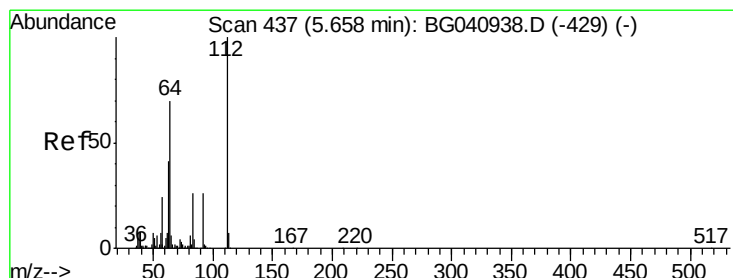
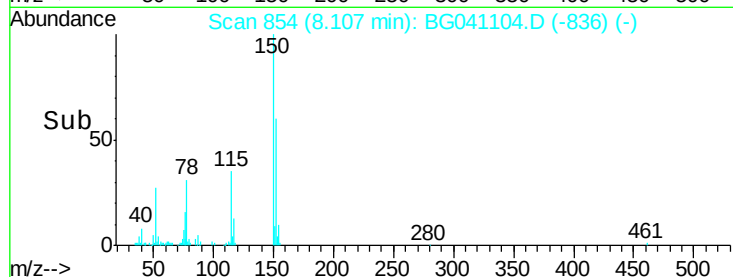
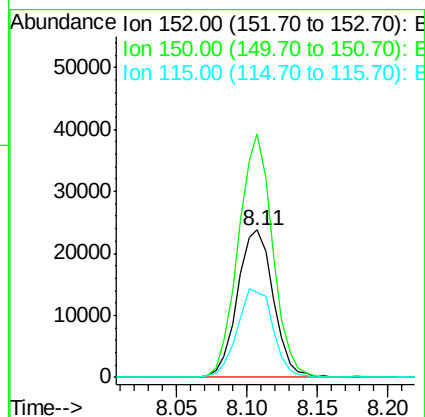
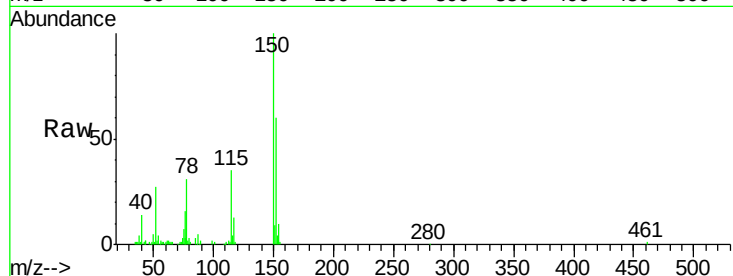


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041104.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_G
ClientSampled :
S-8C

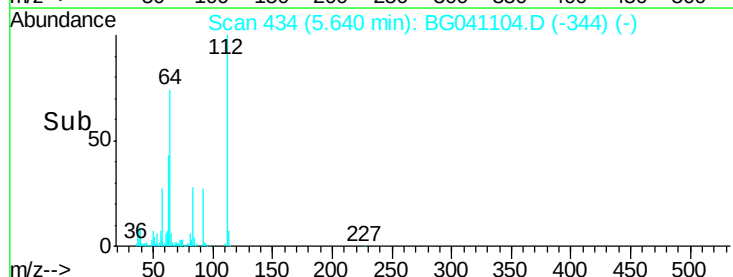
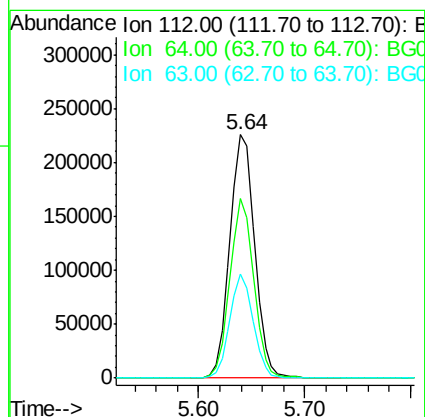
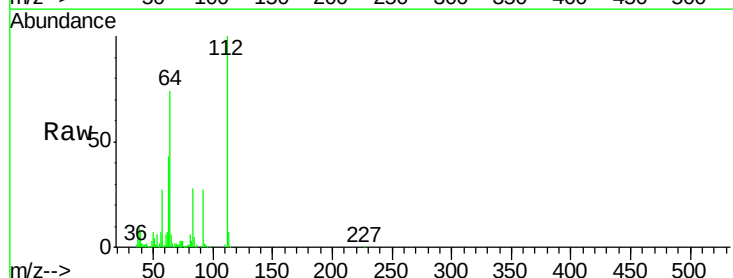
Tot Ion:152 Resp: 42112
Ion Ratio Lower Upper
152 100
150 165.4 111.7 167.5
115 57.8 48.6 73.0

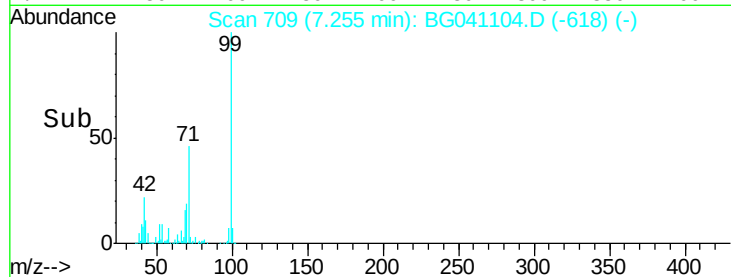
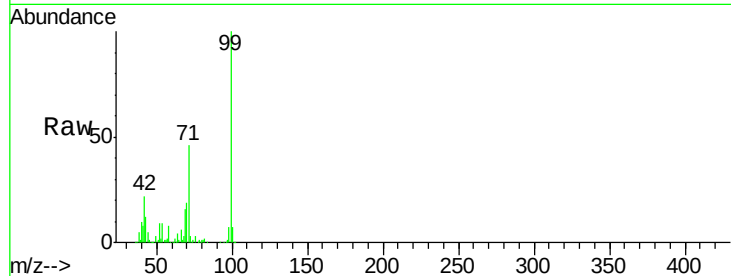
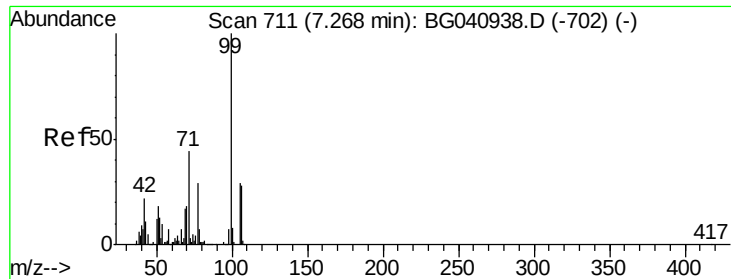


#5

2-Fluorophenol
Concen: 157.468 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.00 min
Lab File: BG041104.D
Acq: 7 Jun 2019 16:41

Tgt Ion:112 Resp: 367748
Ion Ratio Lower Upper
112 100
64 73.6 54.5 81.7
63 42.5 32.2 48.2





#7

Phenol-d6

Concen: 156.147 ng

RT: 7.26 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG041104.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_G

ClientSampleId :

S-8C

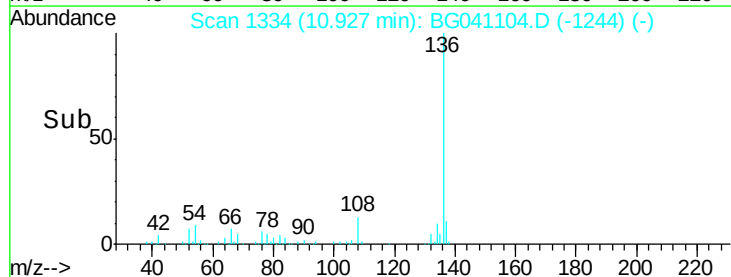
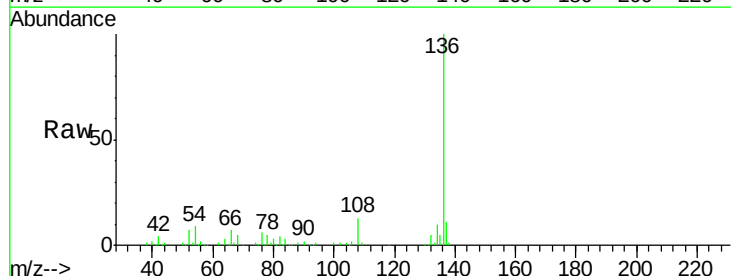
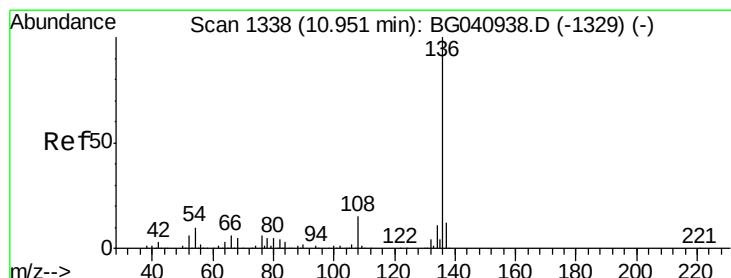
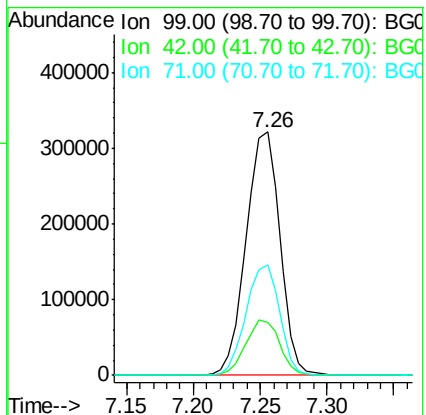
Tot Ion: 99 Resp: 563185

Ion Ratio Lower Upper

99 100

42 21.6 18.8 28.2

71 45.5 35.6 53.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BG041104.D

Acq: 7 Jun 2019 16:41

Tgt Ion: 136 Resp: 179744

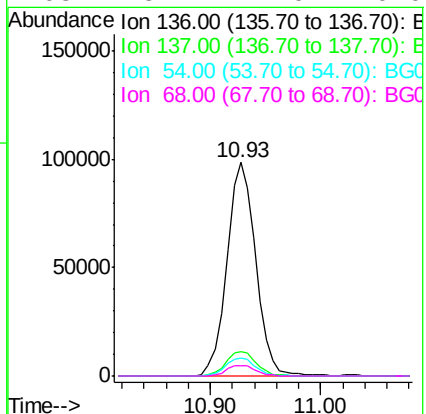
Ion Ratio Lower Upper

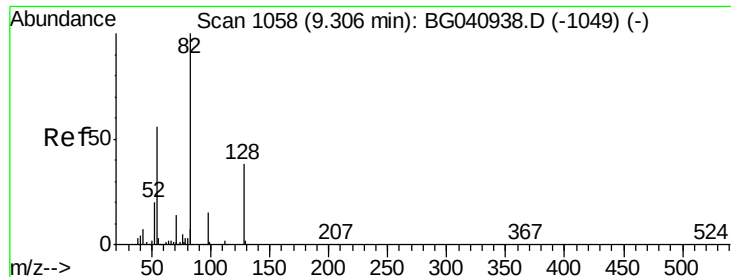
136 100

137 11.3 8.9 13.3

54 8.7 7.4 11.2

68 5.1 4.0 6.0

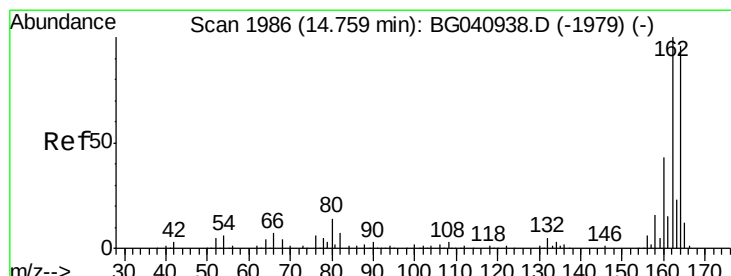
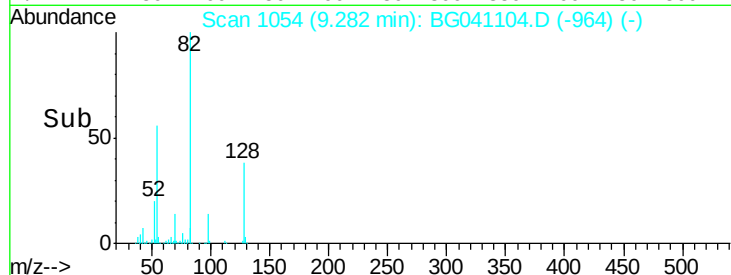
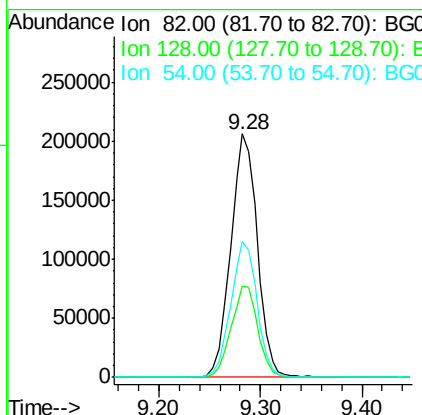
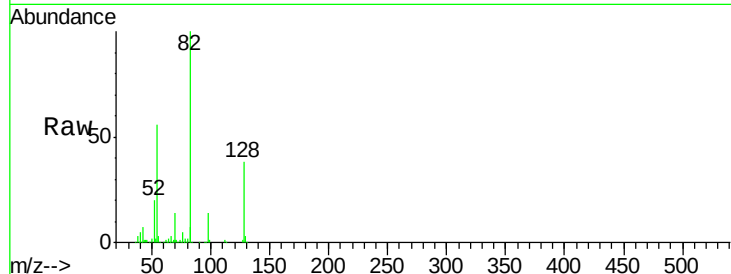




#23
 Nitrobenzene-d5
 Concen: 92.358 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG041104.D
 Acq: 7 Jun 2019 16:41

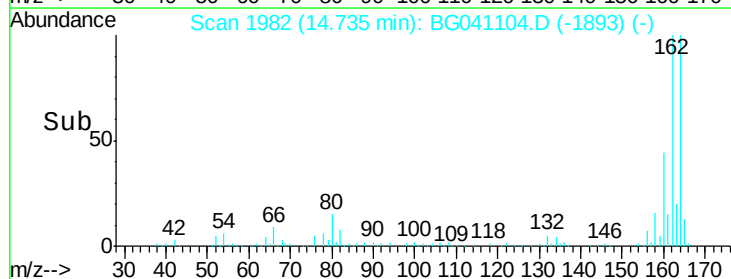
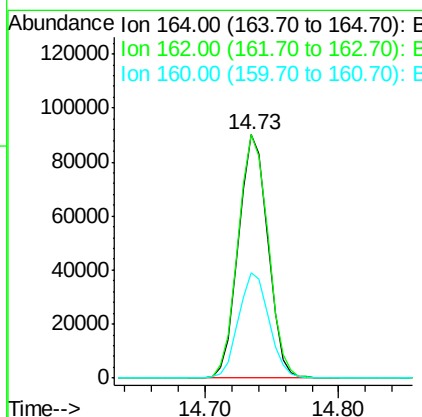
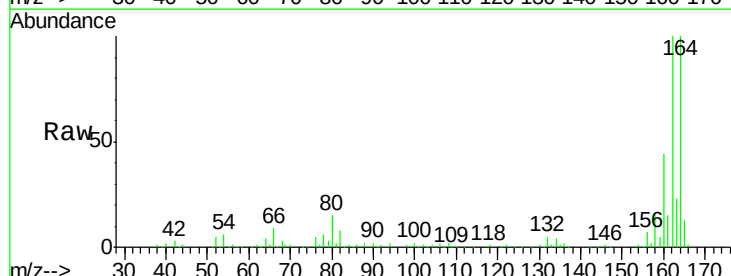
Instrument :
 BNA_G
 ClientSampled :
 S-8C

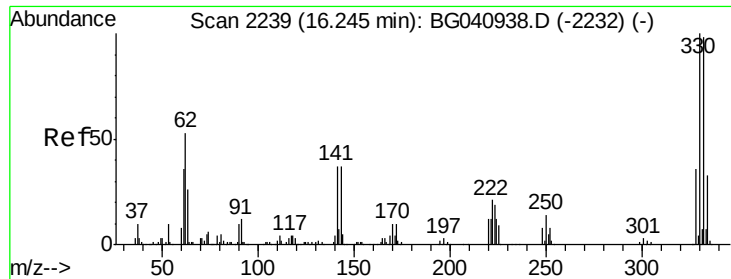
Tot Ion	82	Resp	373947
Ion Ratio	Lower	Upper	
82	100		
128	37.7	29.8	44.6
54	55.9	43.6	65.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: BG041104.D
 Acq: 7 Jun 2019 16:41

Tgt Ion	164	Resp	137567
Ion Ratio	Lower	Upper	
164	100		
162	99.9	85.4	128.0
160	43.5	37.1	55.7





#42

2,4,6-Tribromophenol

Concen: 141.629 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG041104.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_G

ClientSampled :

S-8C

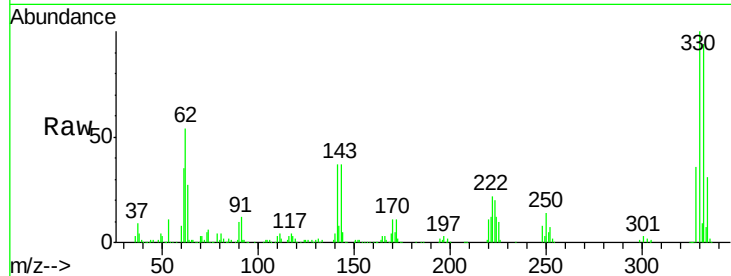
Tot Ion:330 Resp: 289246

Ion Ratio Lower Upper

330 100

332 95.9 77.9 116.9

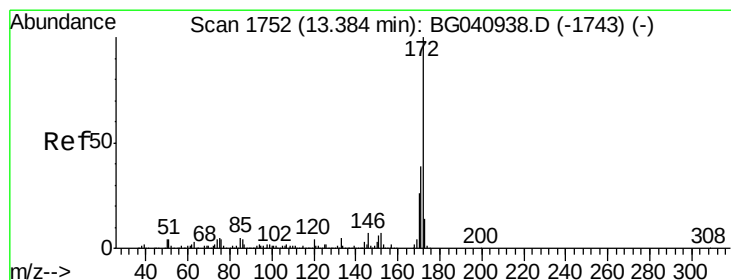
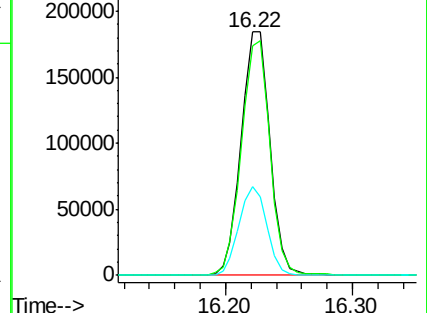
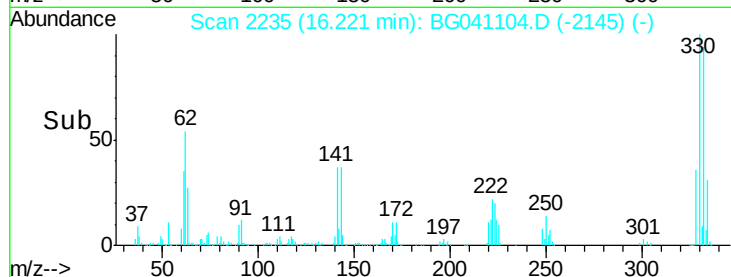
141 35.7 29.0 43.4



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: 73.901 ng

RT: 13.36 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BG041104.D

Acq: 7 Jun 2019 16:41

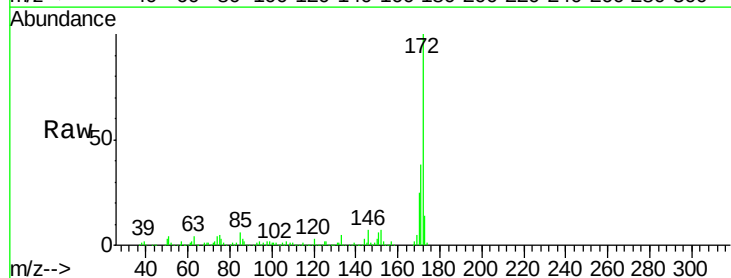
Tgt Ion:172 Resp: 705948

Ion Ratio Lower Upper

172 100

171 37.9 30.8 46.2

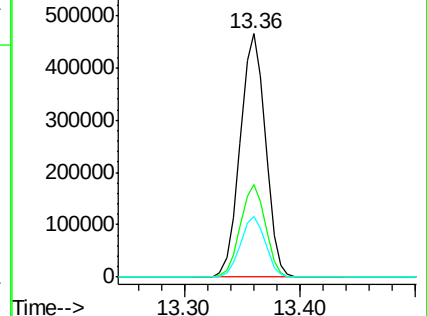
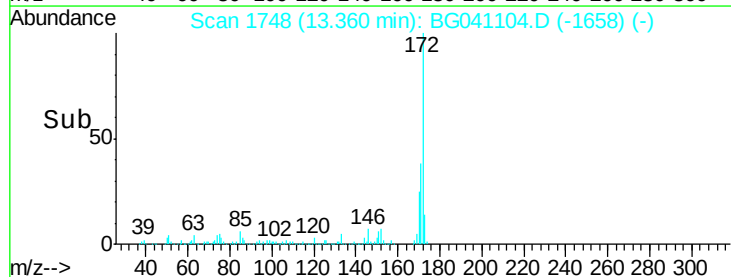
170 24.8 21.3 31.9

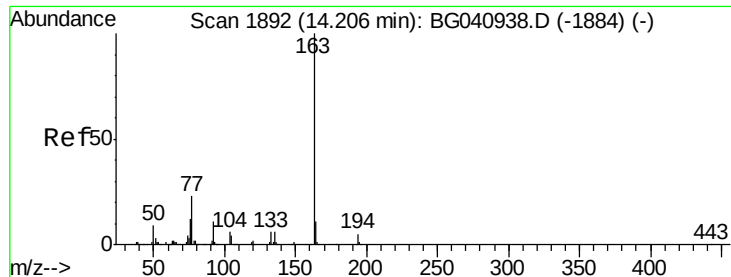


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 13.686 ng

RT: 14.18 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG041104.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_G

ClientSampleId :

S-8C

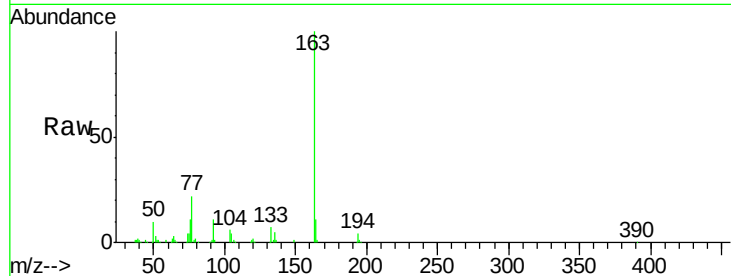
Tot Ion:163 Resp: 159380

Ion Ratio Lower Upper

163 100

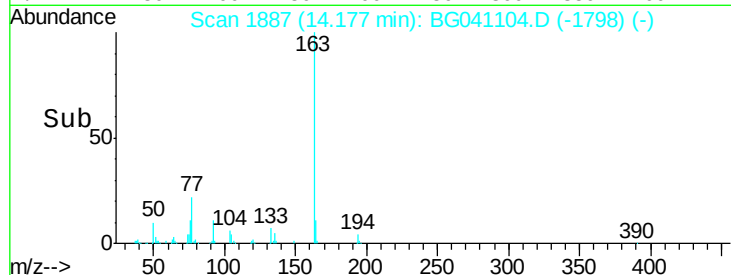
194 4.4 3.8 5.6

164 10.9 8.3 12.5

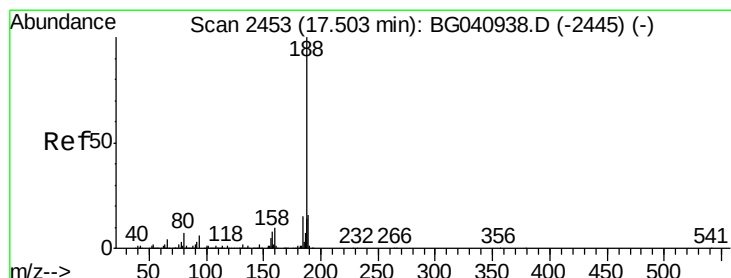


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

14.18



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG041104.D

Acq: 7 Jun 2019 16:41

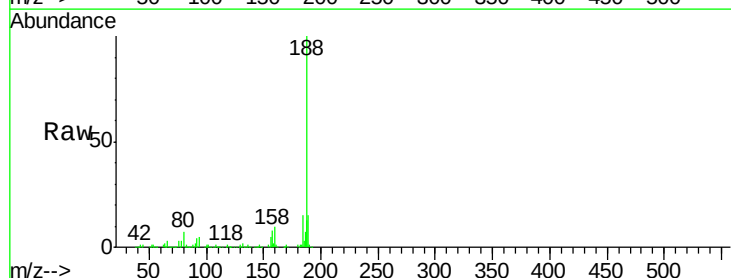
Tgt Ion:188 Resp: 342763

Ion Ratio Lower Upper

188 100

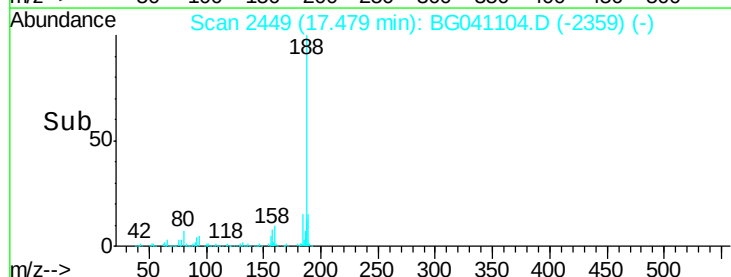
94 5.3 4.6 7.0

80 7.4 5.8 8.8

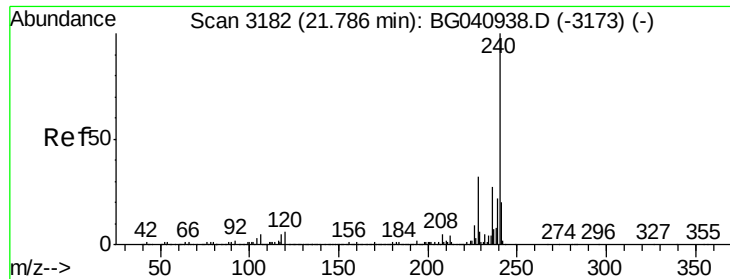


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

17.48



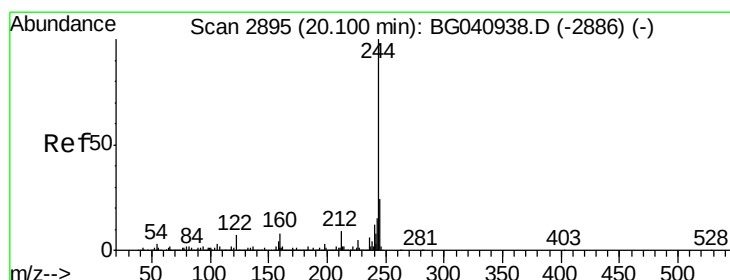
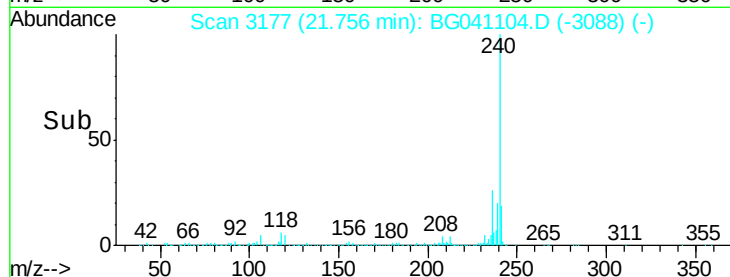
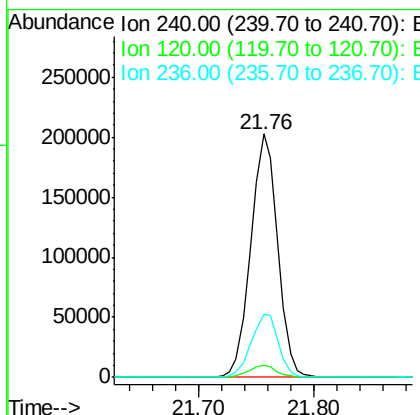
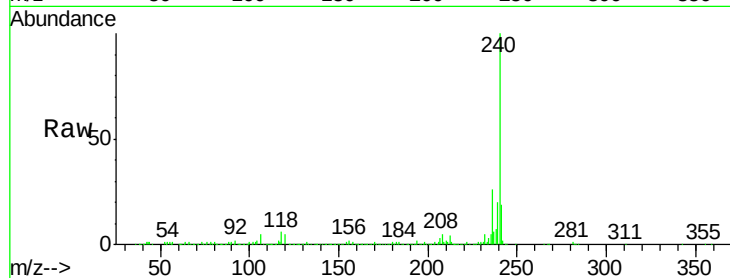
Time-->



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG041104.D
Acq: 7 Jun 2019 16:41

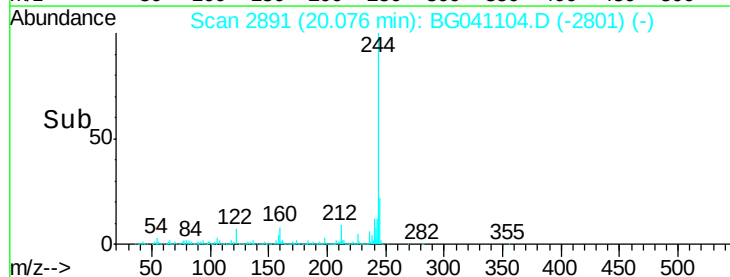
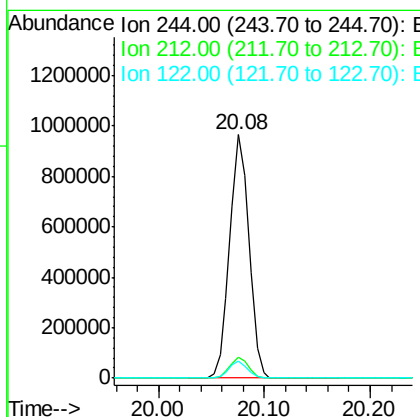
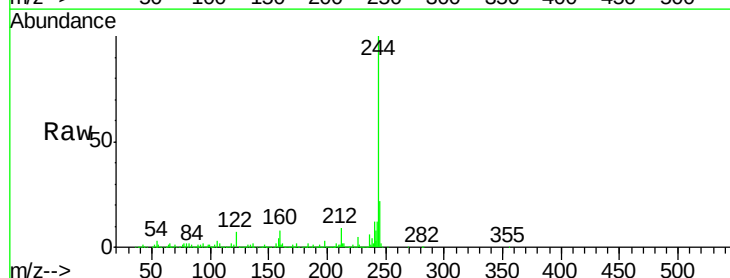
Instrument :
BNA_G
ClientSampleId :
S-8C

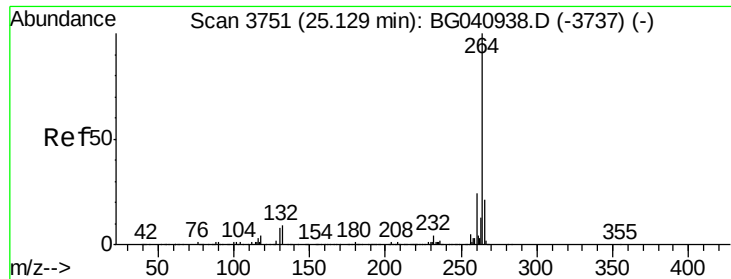
Tot Ion:240 Resp: 327817
Ion Ratio Lower Upper
240 100
120 4.9 4.6 6.8
236 26.0 20.6 31.0



#79
Terphenyl-d14
Concen: 78.806 ng
RT: 20.08 min Scan# 2891
Delta R.T. -0.00 min
Lab File: BG041104.D
Acq: 7 Jun 2019 16:41

Tgt Ion:244 Resp: 1217231
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 6.9 5.4 8.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.08 min Scan# 3743
 Delta R.T. -0.00 min
 Lab File: BG041104.D
 Acq: 7 Jun 2019 16:41

Instrument :
 BNA_G
 ClientSampleId :
 S-8C

Tot Ion:	264	Resp:	353455
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.1	28.7
265	21.2	17.6	26.4

