

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
 Data File : BG041434.D
 Acq On : 24 Jun 2019 23:08
 Operator : HP/JU
 Sample : K3499-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-2(11-12)

Quant Time: Jun 25 06:34:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

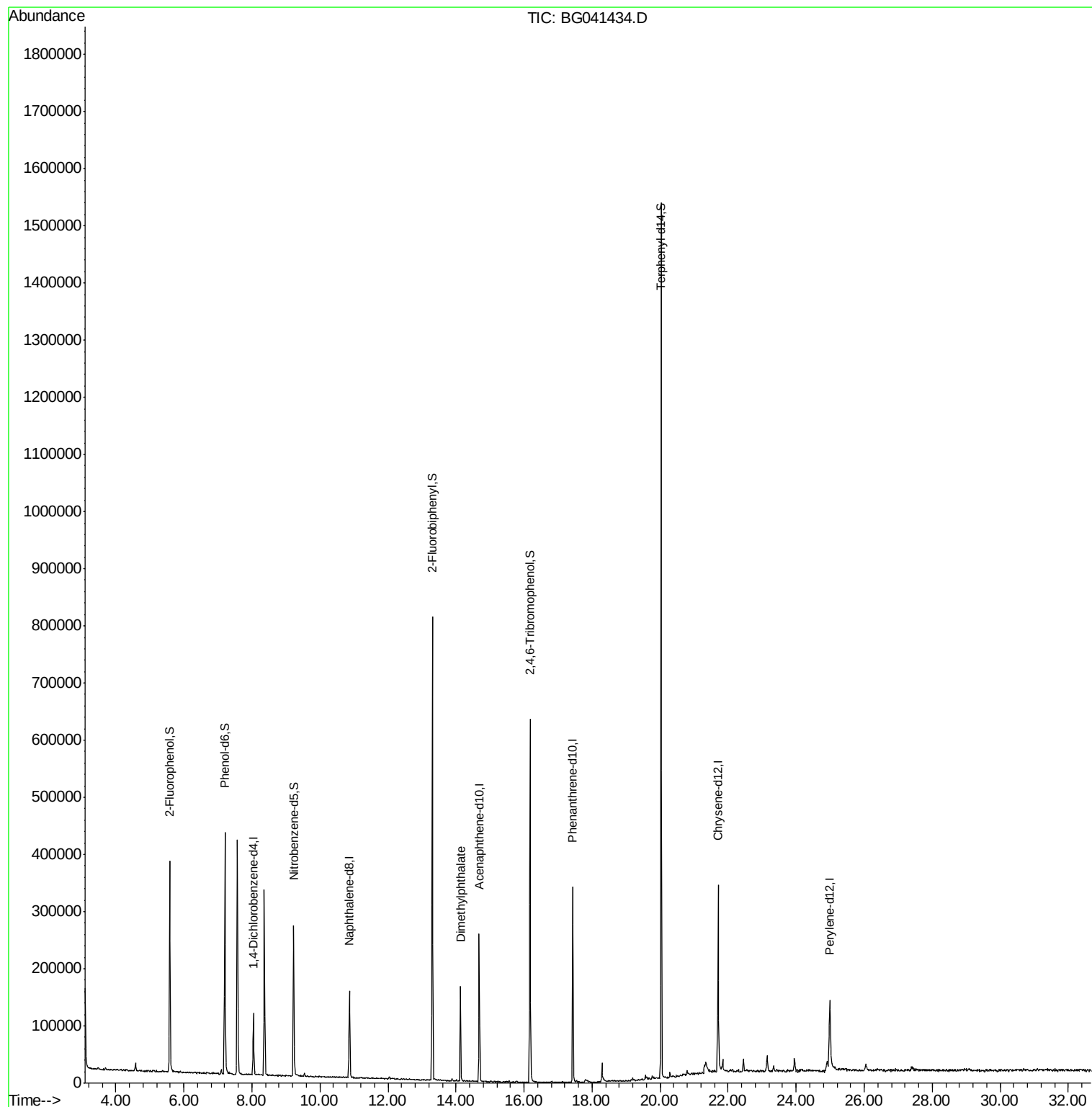
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	30820	20.00	ng	-0.04
21) Naphthalene-d8	10.86	136	124842	20.00	ng	-0.04
39) Acenaphthene-d10	14.68	164	93194	20.00	ng	-0.04
64) Phenanthrene-d10	17.43	188	223017	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	217197	20.00	ng	-0.04
87) Perylene-d12	24.99	264	171594	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	148680	88.64	ng	-0.04
7) Phenol-d6	7.20	99	227669	93.64	ng	-0.03
23) Nitrobenzene-d5	9.22	82	165186	55.65	ng	-0.04
42) 2,4,6-Tribromophenol	16.17	330	122400	85.55	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	418101	60.98	ng	-0.04
79) Terphenyl-d14	20.03	244	715374	65.27	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.13	163	105720	12.750	ng	Qvalue 97

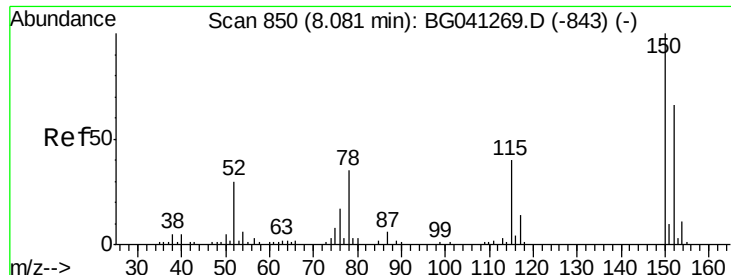
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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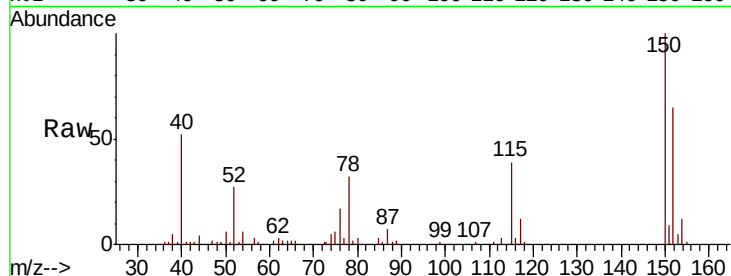


#1

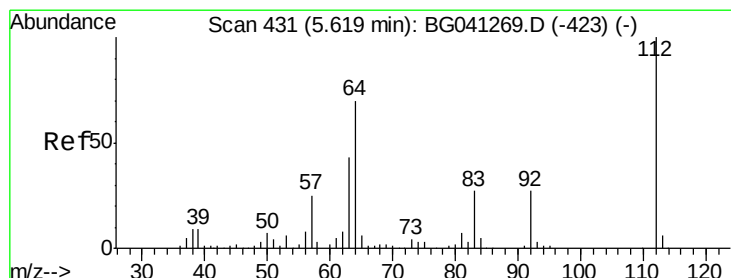
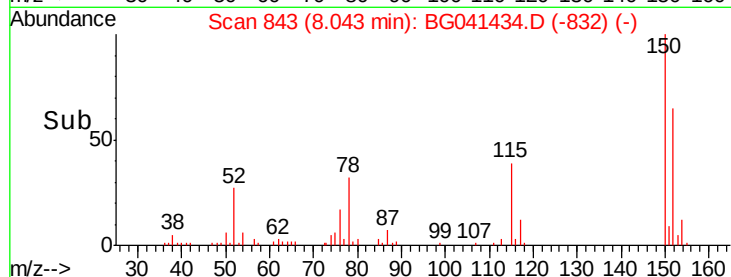
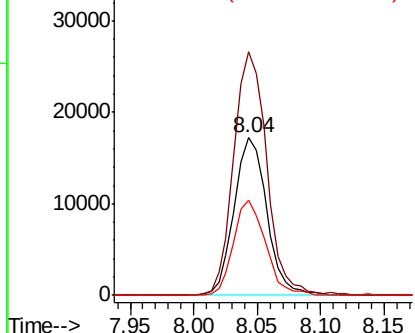
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041434.D
Acq: 24 Jun 2019 23:08

Instrument :
BNA_G
ClientSampleId :
B-2(11-12)

Tot Ion:152 Resp: 30820
Ion Ratio Lower Upper
152 100
150 154.3 120.6 181.0
115 60.0 47.9 71.9



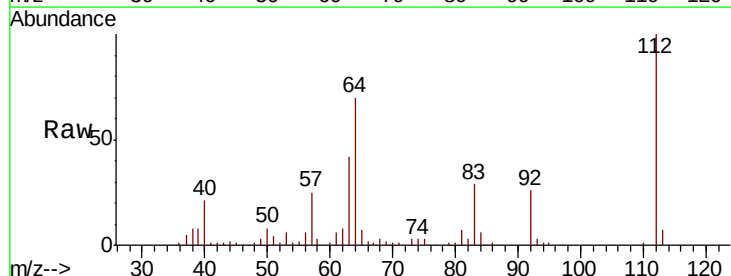
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



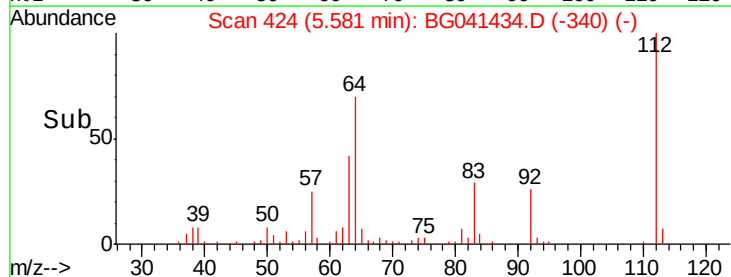
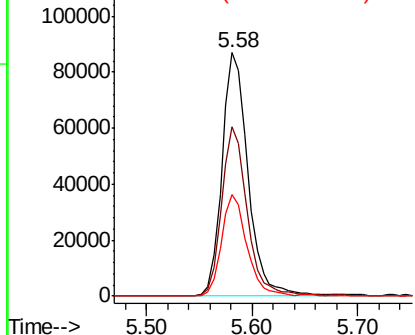
#5

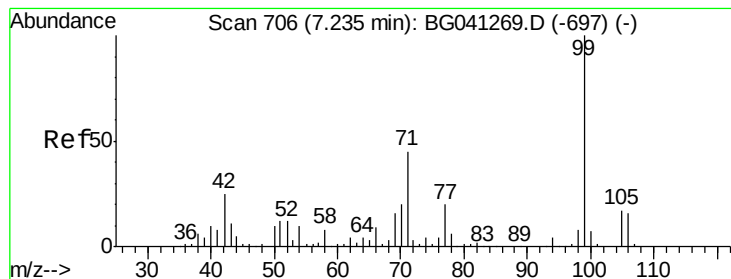
2-Fluorophenol
Concen: 88.639 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.04 min
Lab File: BG041434.D
Acq: 24 Jun 2019 23:08

Tgt Ion:112 Resp: 148680
Ion Ratio Lower Upper
112 100
64 69.6 55.9 83.9
63 41.6 34.6 51.8



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: 93.639 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041434.D

Acq: 24 Jun 2019 23:08

Instrument :

BNA_G

ClientSampleId :

B-2(11-12)

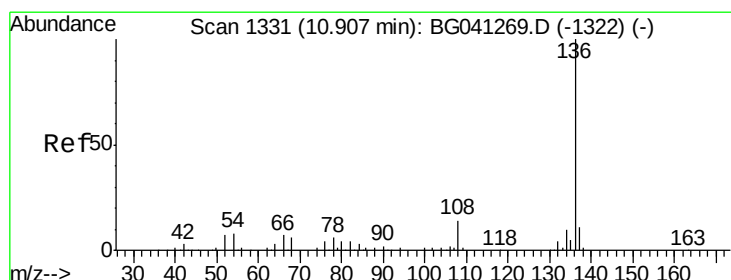
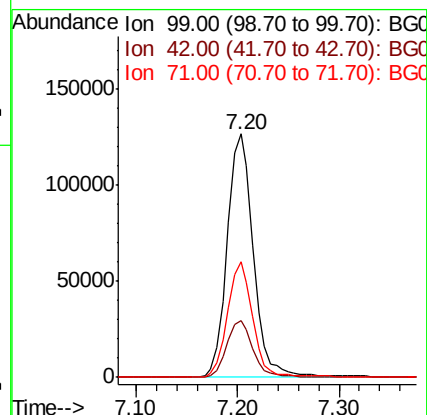
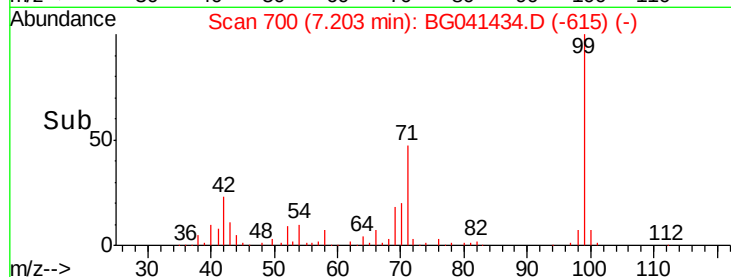
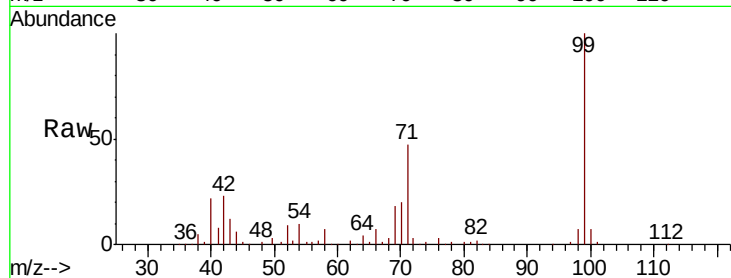
Tot Ion: 99 Resp: 227669

Ion Ratio Lower Upper

99 100

42 23.4 19.9 29.9

71 47.4 36.4 54.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.04 min

Lab File: BG041434.D

Acq: 24 Jun 2019 23:08

Tgt Ion: 136 Resp: 124842

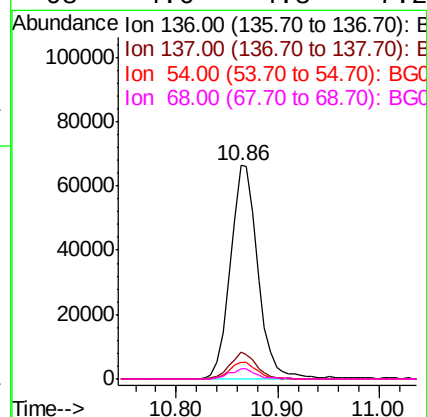
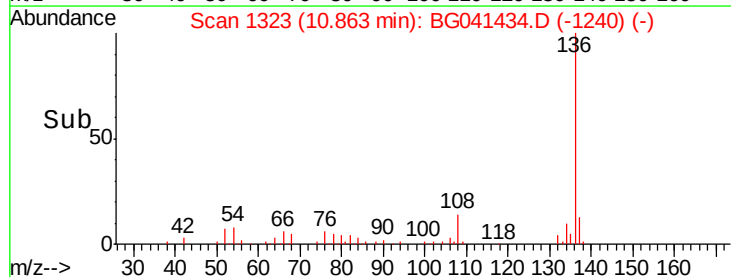
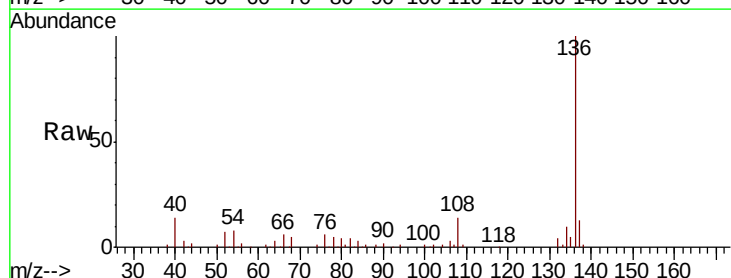
Ion Ratio Lower Upper

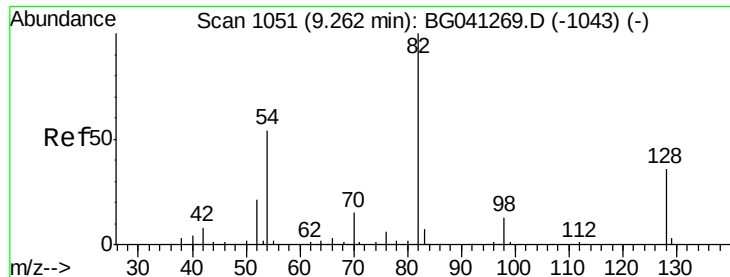
136 100

137 12.5 8.8 13.2

54 8.1 6.4 9.6

68 4.6 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 55.647 ng

RT: 9.22 min Scan# 1044

Delta R.T. -0.04 min

Lab File: BG041434.D

Acq: 24 Jun 2019 23:08

Instrument :

BNA_G

ClientSampleId :

B-2(11-12)

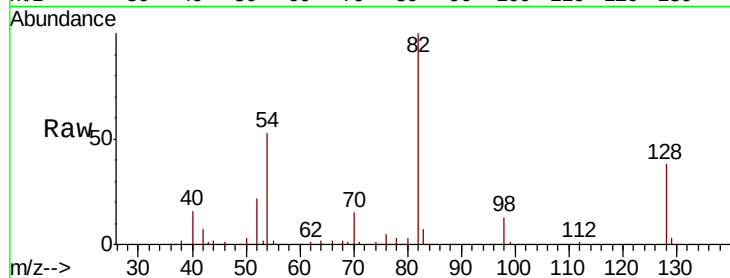
Tot Ion: 82 Resp: 165186

Ion Ratio Lower Upper

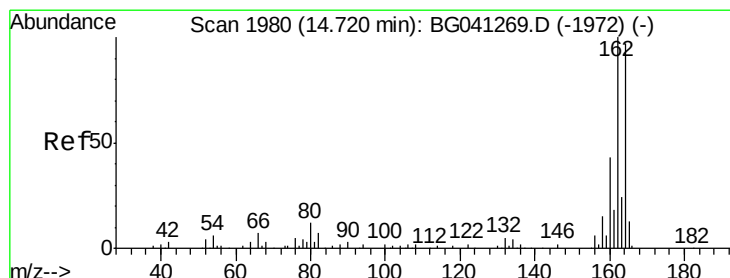
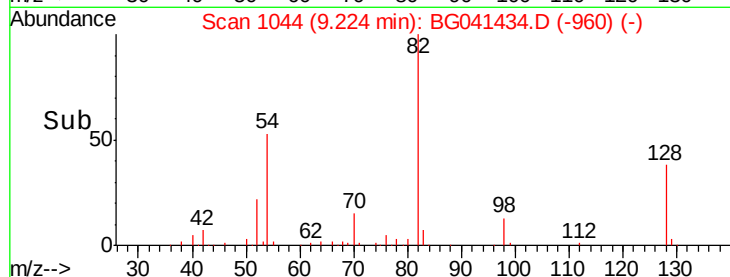
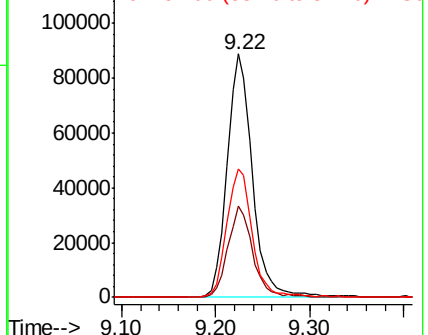
82 100

128 37.5 29.2 43.8

54 52.9 43.4 65.0



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: 14.68 min Scan# 1973

Delta R.T. -0.04 min

Lab File: BG041434.D

Acq: 24 Jun 2019 23:08

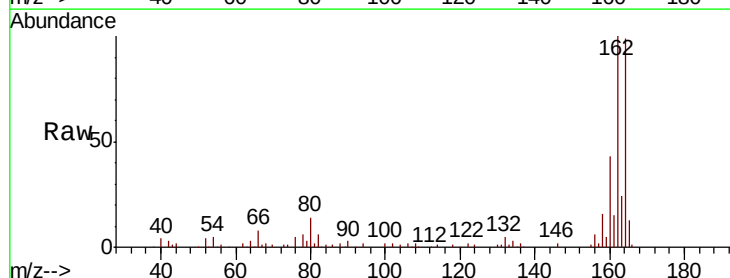
Tgt Ion: 164 Resp: 93194

Ion Ratio Lower Upper

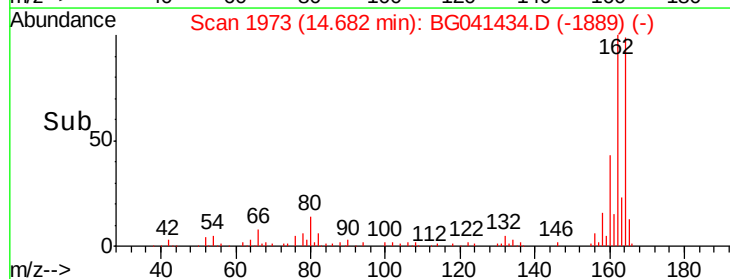
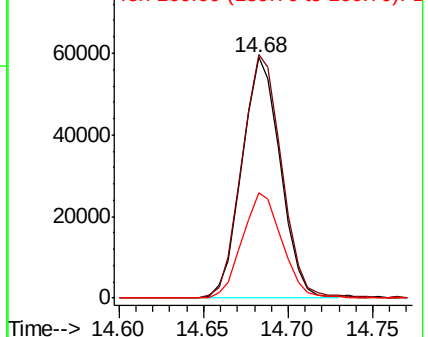
164 100

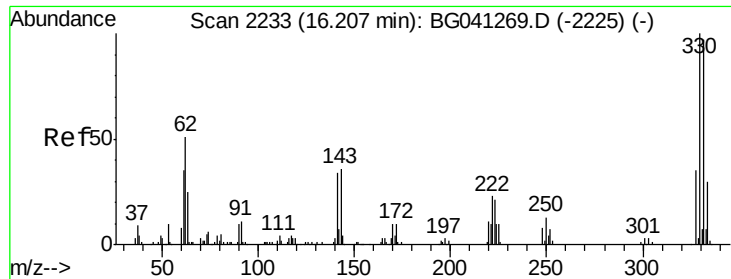
162 101.2 82.8 124.2

160 44.0 35.8 53.8



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

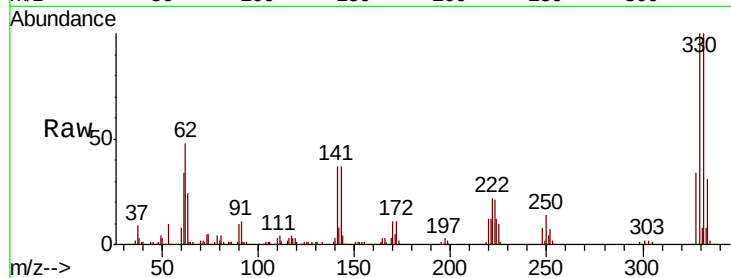




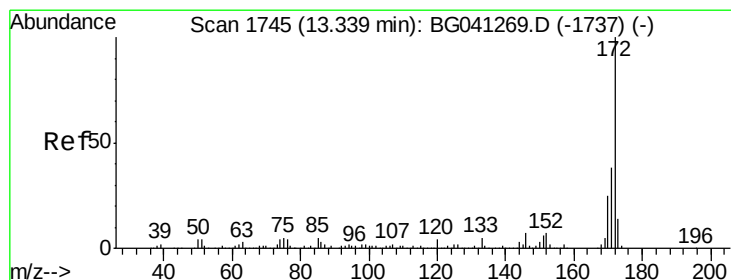
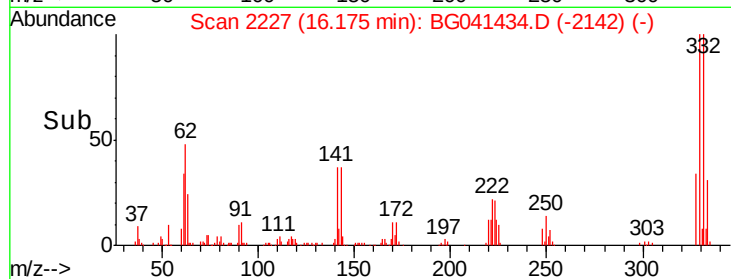
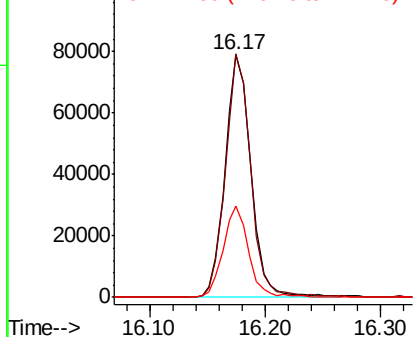
#42
 2,4,6-Tribromophenol
 Concen: 85.551 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.03 min
 Lab File: BG041434.D
 Acq: 24 Jun 2019 23:08

Instrument :
 BNA_G
 ClientSampleId :
 B-2(11-12)

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	75.5	113.3
141	37.0	29.0	43.4

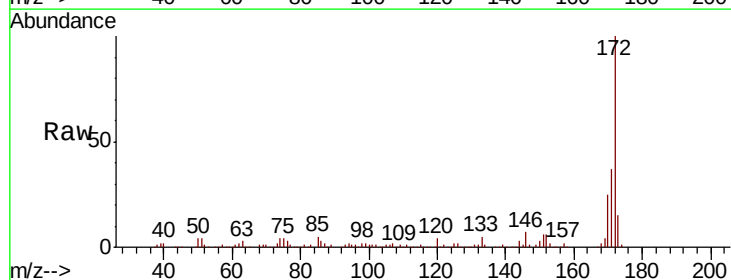


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

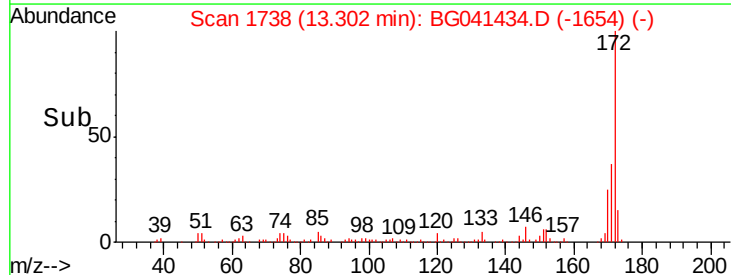
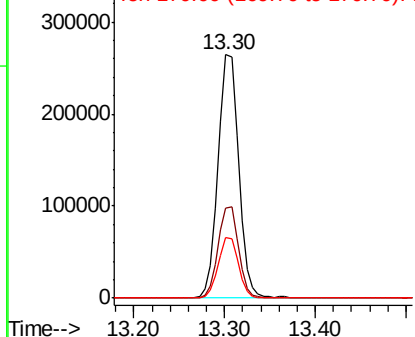


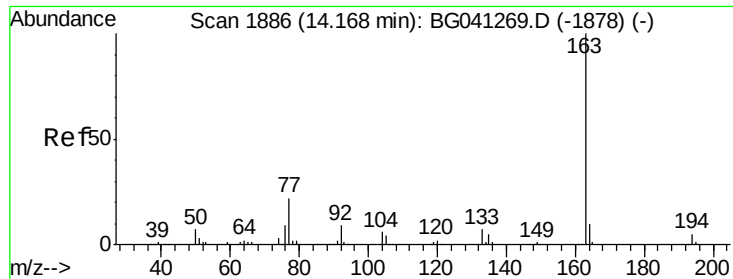
#45
 2-Fluorobiphenyl
 Concen: 60.977 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.04 min
 Lab File: BG041434.D
 Acq: 24 Jun 2019 23:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.9	19.8	29.6



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: 12.750 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.04 min

Lab File: BG041434.D

Acq: 24 Jun 2019 23:08

Instrument :

BNA_G

ClientSampleId :

B-2(11-12)

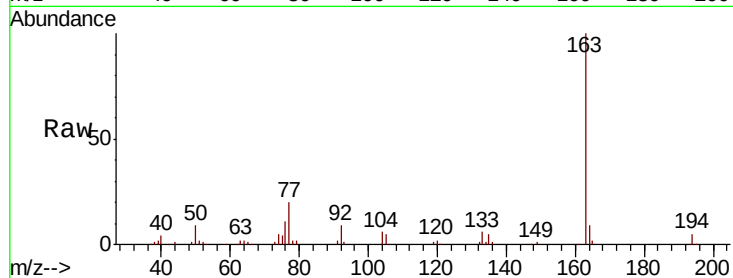
Tot Ion:163 Resp: 105720

Ion Ratio Lower Upper

163 100

194 4.6 3.9 5.9

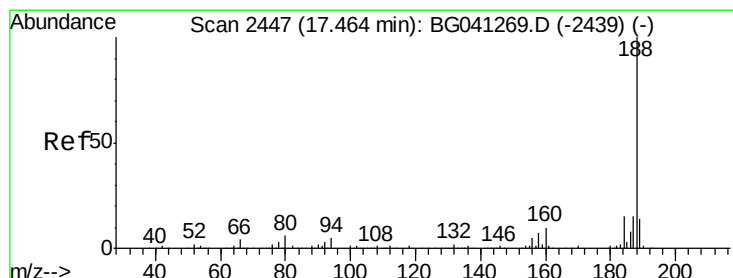
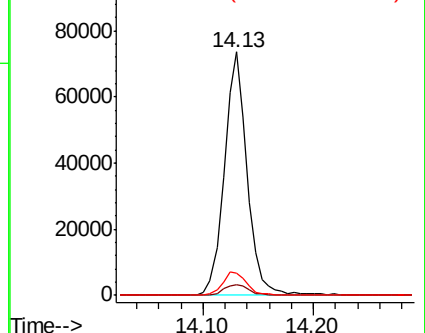
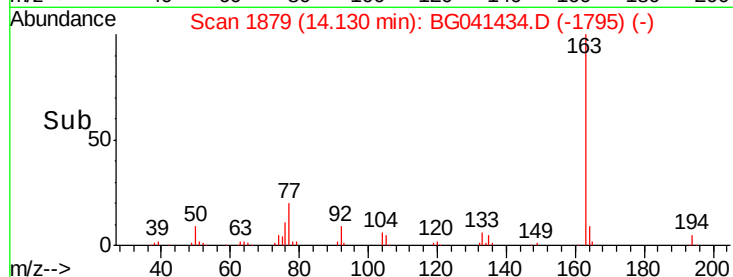
164 9.1 8.3 12.5



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.03 min

Lab File: BG041434.D

Acq: 24 Jun 2019 23:08

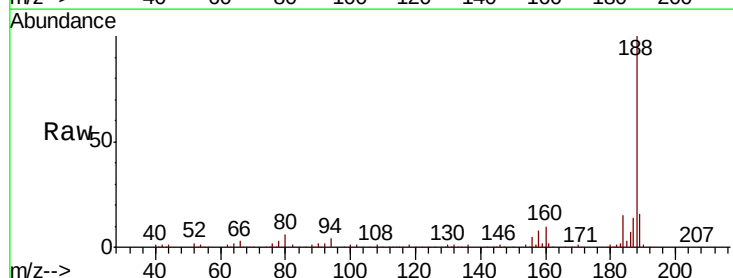
Tgt Ion:188 Resp: 223017

Ion Ratio Lower Upper

188 100

94 4.5 3.6 5.4

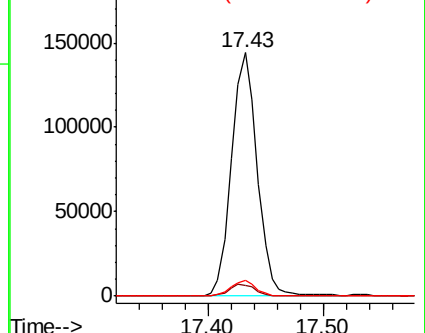
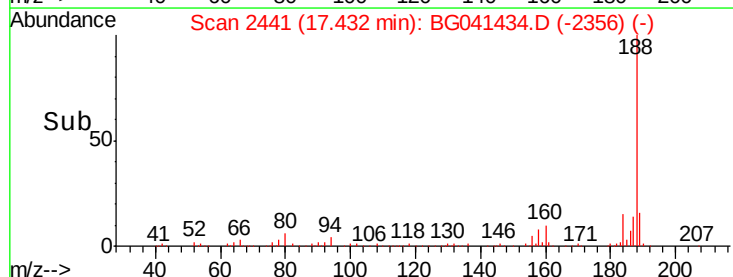
80 6.3 4.8 7.2

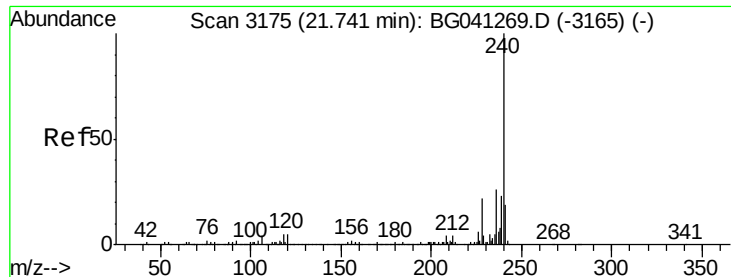


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

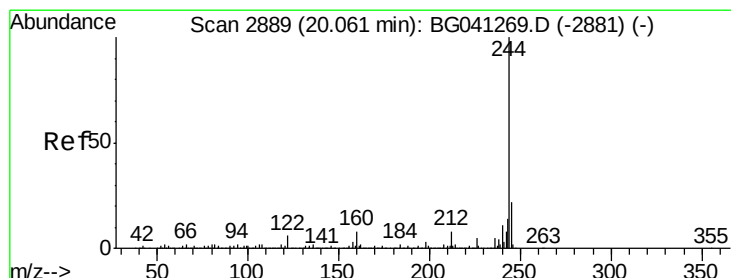
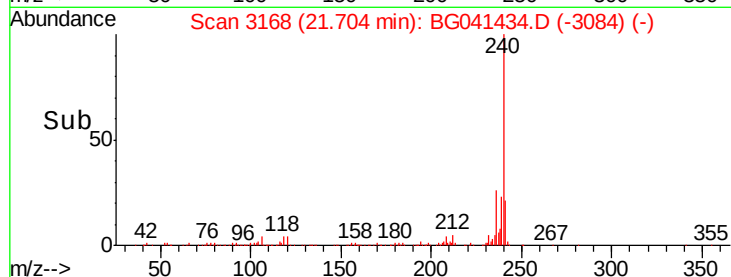
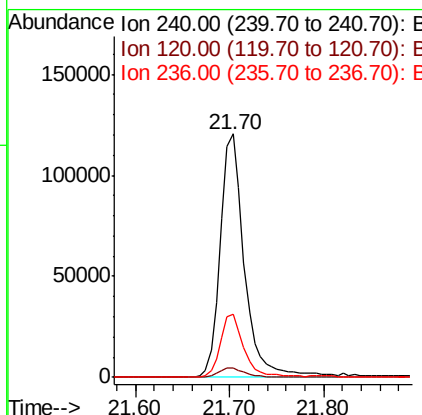
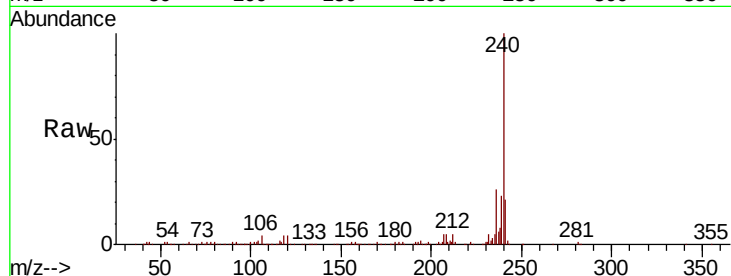




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BG041434.D
Acq: 24 Jun 2019 23:08

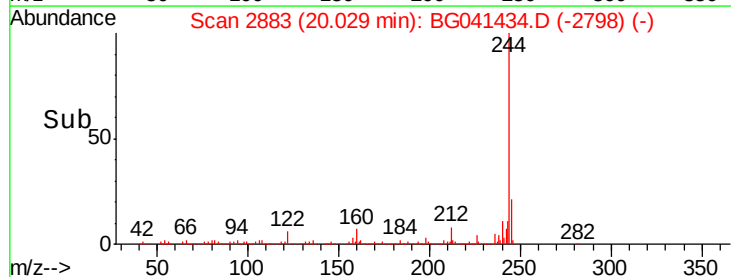
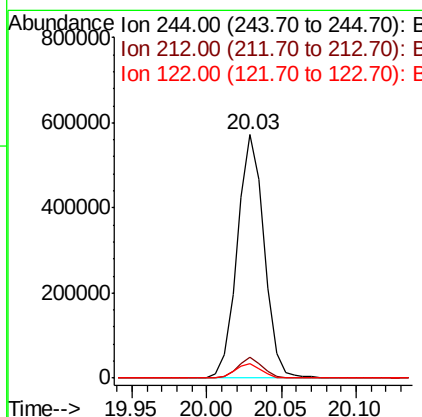
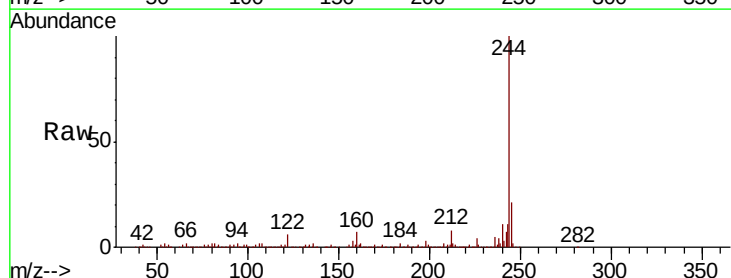
Instrument :
BNA_G
ClientSampleId :
B-2(11-12)

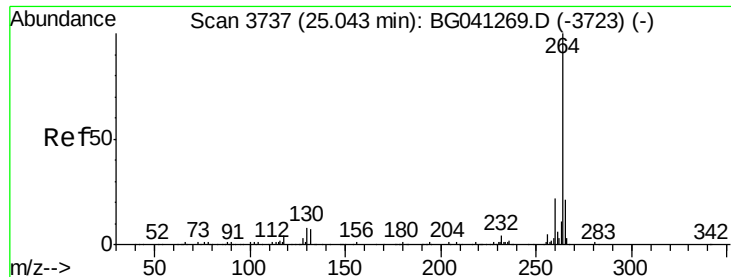
Tot Ion:240 Resp: 217197
Ion Ratio Lower Upper
240 100
120 3.9 3.7 5.5
236 25.9 21.1 31.7



#79
Terphenyl-d14
Concen: 65.274 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.03 min
Lab File: BG041434.D
Acq: 24 Jun 2019 23:08

Tgt Ion:244 Resp: 715374
Ion Ratio Lower Upper
244 100
212 8.3 6.6 10.0
122 6.0 5.0 7.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.99 min Scan# 3728
 Delta R.T. -0.05 min
 Lab File: BG041434.D
 Acq: 24 Jun 2019 23:08

Instrument :
 BNA_G
 ClientSampleId :
 B-2(11-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.2
265	21.3	17.2	25.8

