

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041310.D
 Acq On : 18 Jun 2019 23:10
 Operator : HP/JU
 Sample : K3419-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-A

Quant Time: Jun 19 07:20:30 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

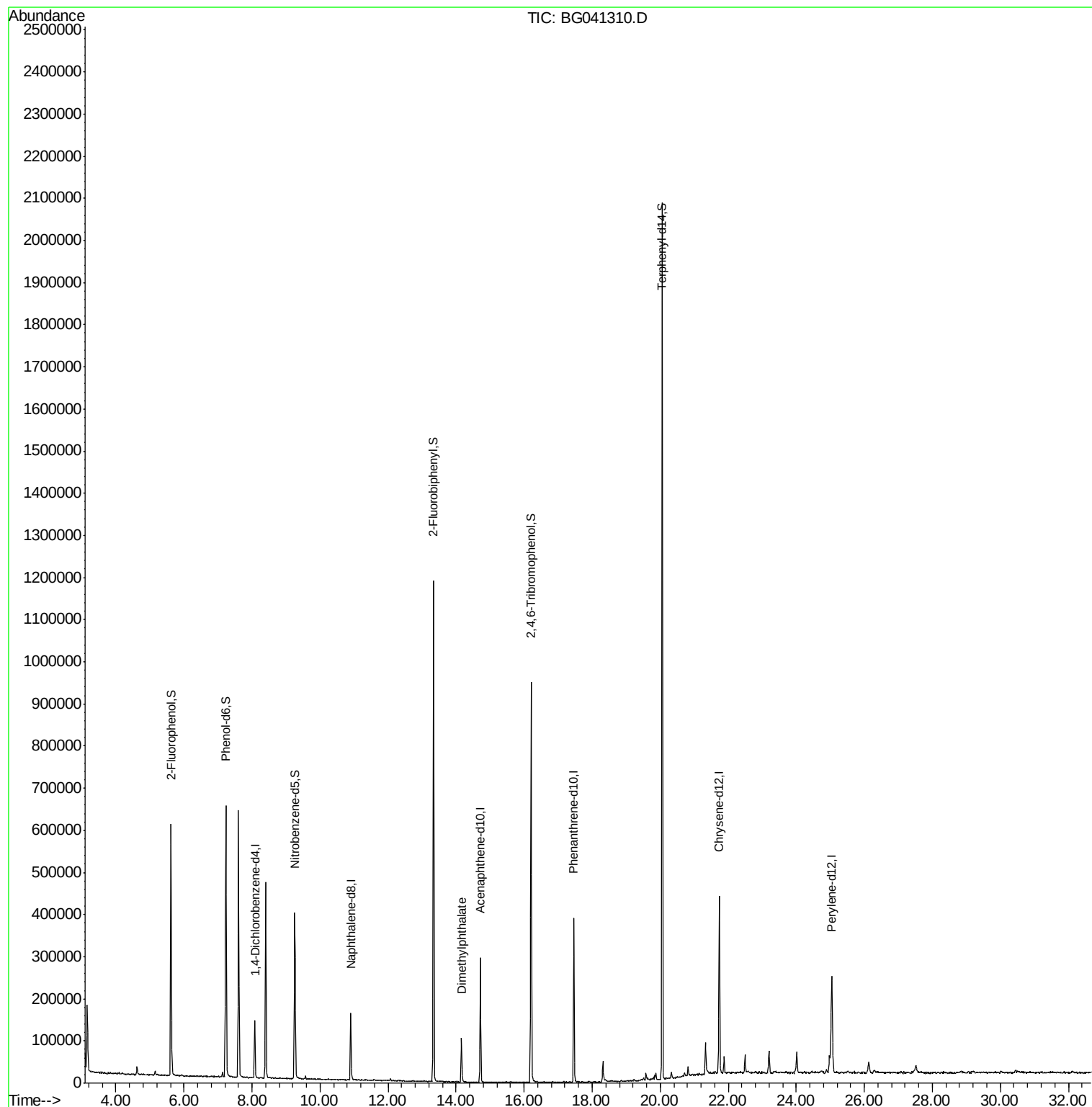
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	36473	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	134870	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	100691	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	251672	20.00	ng	0.00
76) Chrysene-d12	21.74	240	252608	20.00	ng	0.00
87) Perylene-d12	25.04	264	262498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	229571	115.65	ng	0.00
7) Phenol-d6	7.23	99	331017	115.04	ng	0.00
23) Nitrobenzene-d5	9.26	82	240972	75.14	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	169983	109.96	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	566051	76.41	ng	0.00
79) Terphenyl-d14	20.06	244	973725	76.39	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.16	163	70421	7.860	ng	Qvalue 98

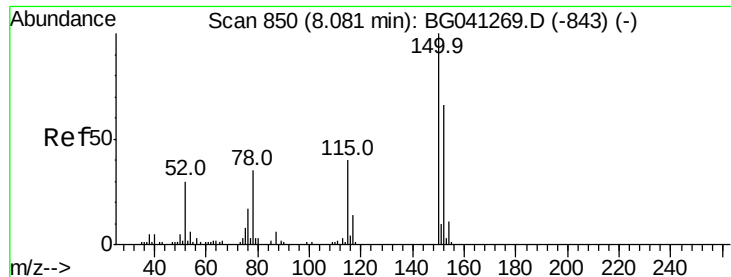
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG041310.D

Acq: 18 Jun 2019 23:10

Instrument :

BNA_G

ClientSampled :

TP-A

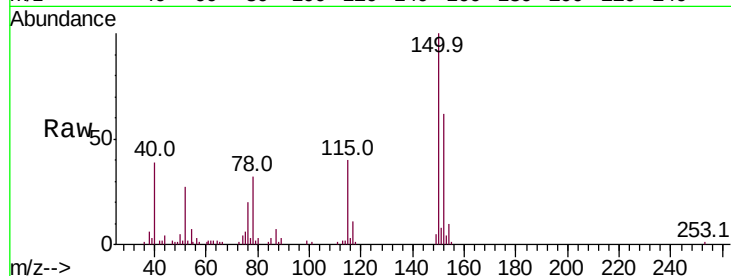
Tot Ion:152 Resp: 36473

Ion Ratio Lower Upper

152 100

150 161.3 120.6 181.0

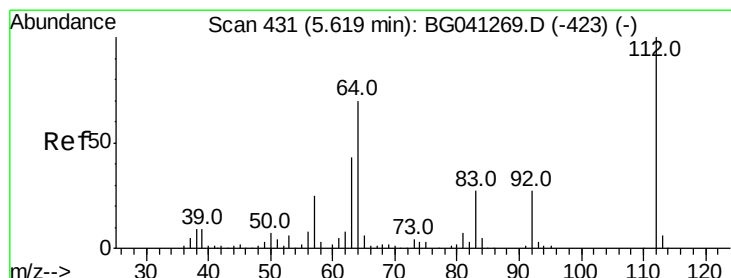
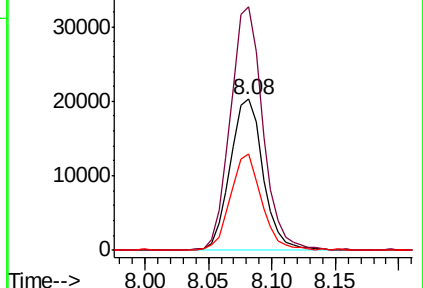
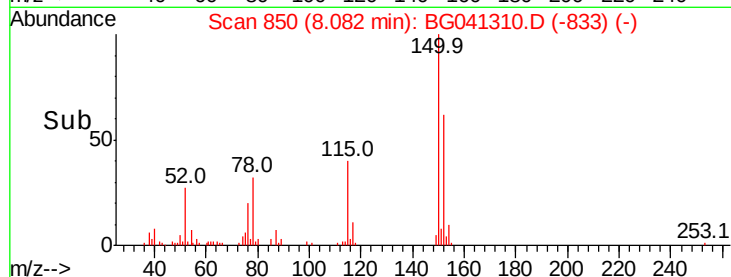
115 63.8 47.9 71.9



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: 115.652 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG041310.D

Acq: 18 Jun 2019 23:10

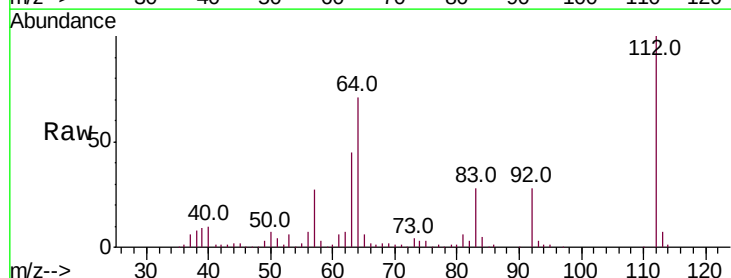
Tgt Ion:112 Resp: 229571

Ion Ratio Lower Upper

112 100

64 70.5 55.9 83.9

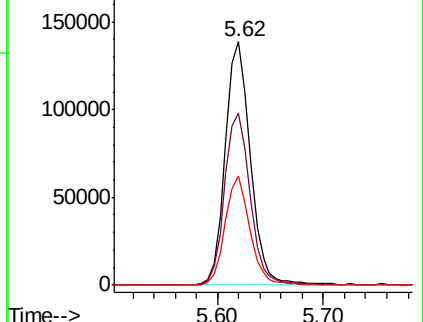
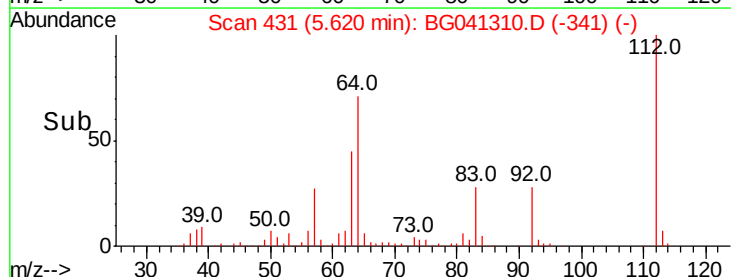
63 44.9 34.6 51.8

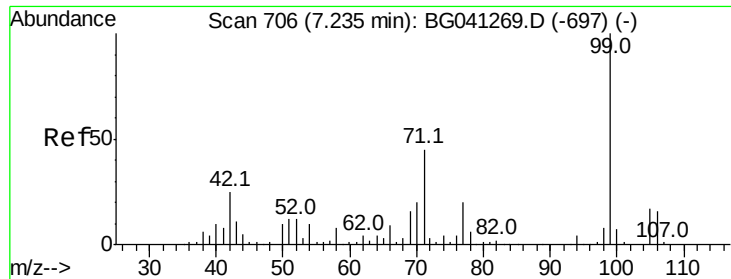


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 115.044 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG041310.D

Acq: 18 Jun 2019 23:10

Instrument :

BNA_G

ClientSampled :

TP-A

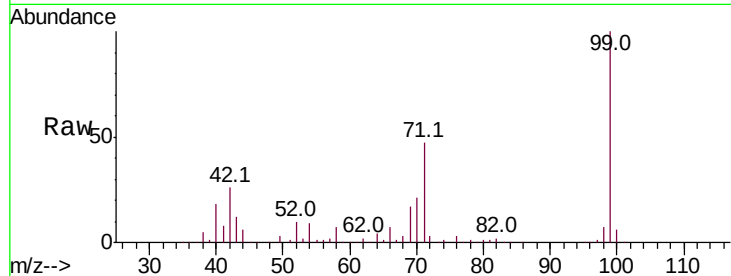
Tot Ion: 99 Resp: 331017

Ion Ratio Lower Upper

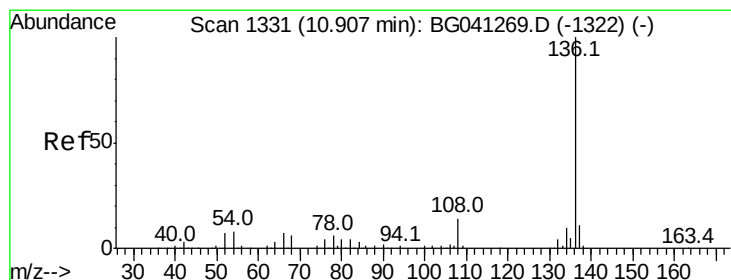
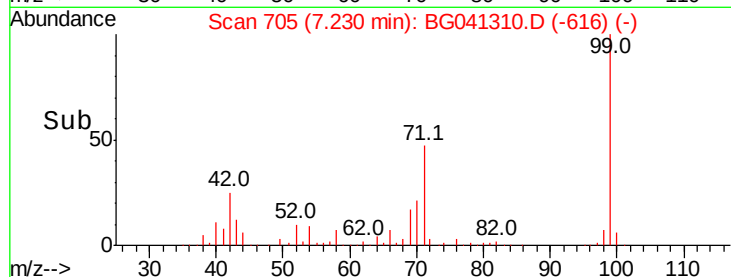
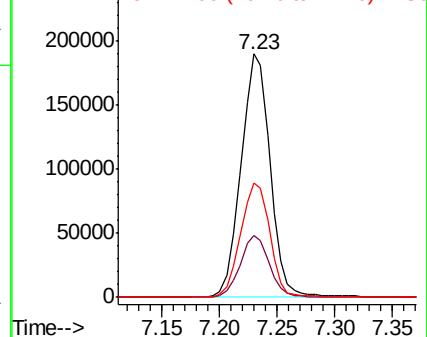
99 100

42 25.6 19.9 29.9

71 47.2 36.4 54.6



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: 10.90 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BG041310.D

Acq: 18 Jun 2019 23:10

Tgt Ion: 136 Resp: 134870

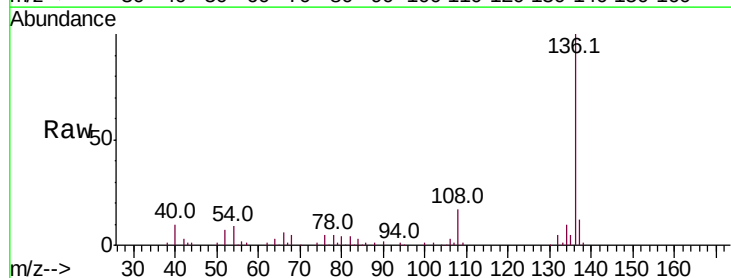
Ion Ratio Lower Upper

136 100

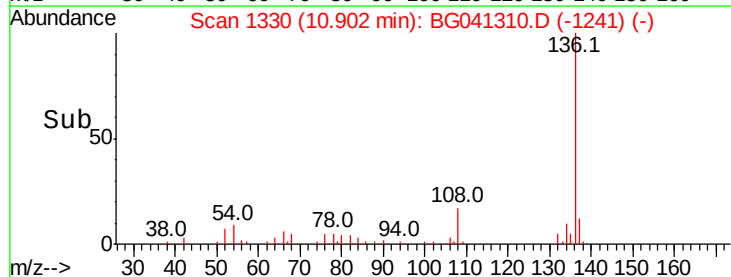
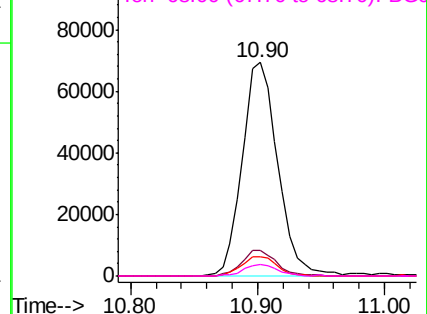
137 12.3 8.8 13.2

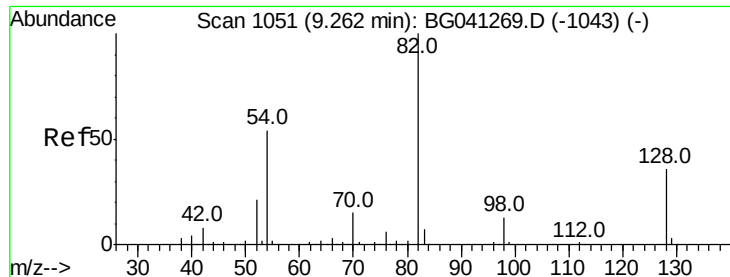
54 9.0 6.4 9.6

68 5.1 4.8 7.2



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: 75.142 ng

RT: 9.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BG041310.D

Acq: 18 Jun 2019 23:10

Instrument :

BNA_G

ClientSampleId :

TP-A

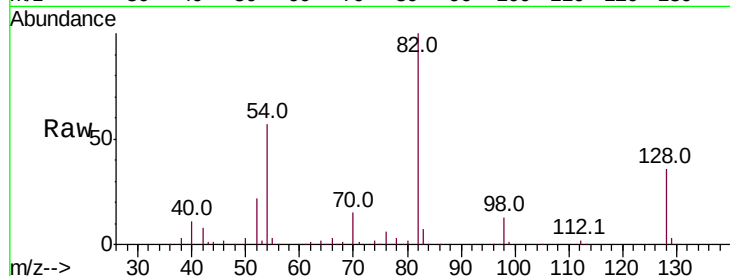
Tot Ion: 82 Resp: 240972

Ion Ratio Lower Upper

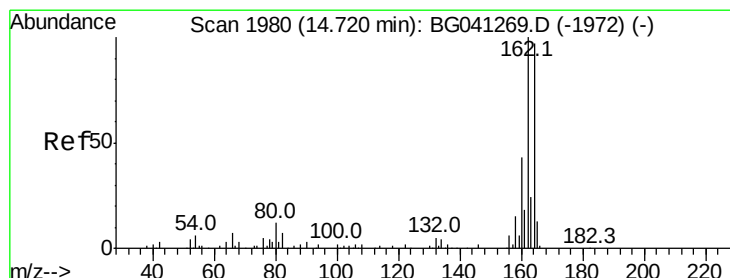
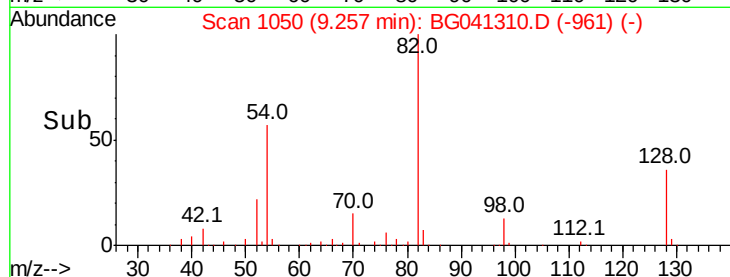
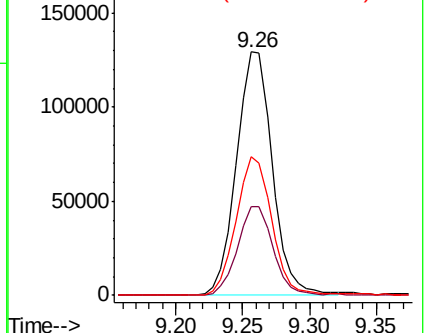
82 100

128 36.3 29.2 43.8

54 57.1 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: 14.71 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG041310.D

Acq: 18 Jun 2019 23:10

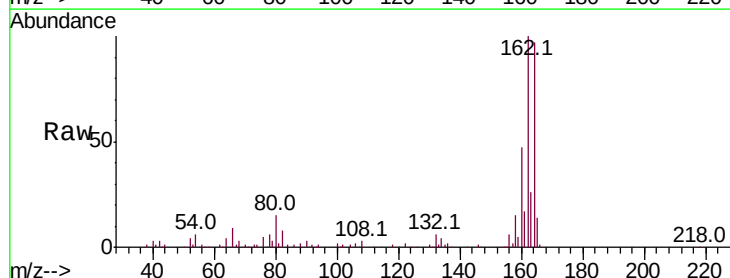
Tgt Ion:164 Resp: 100691

Ion Ratio Lower Upper

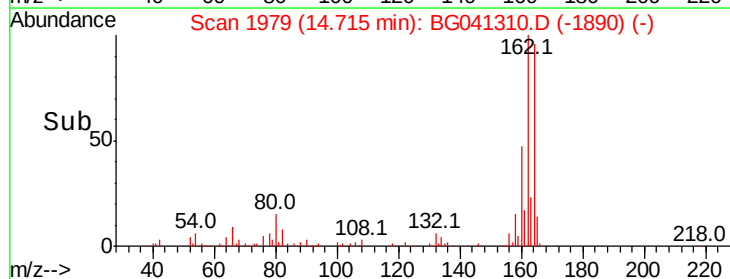
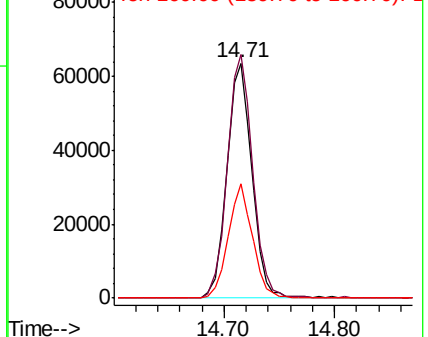
164 100

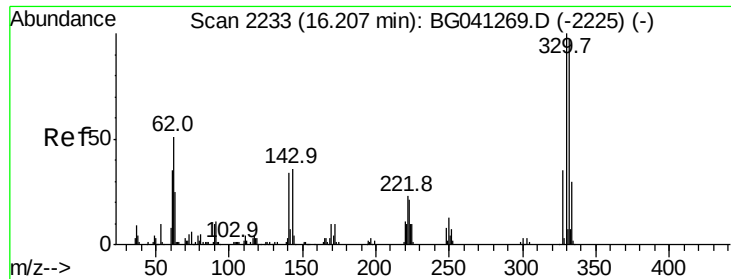
162 103.6 82.8 124.2

160 48.5 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

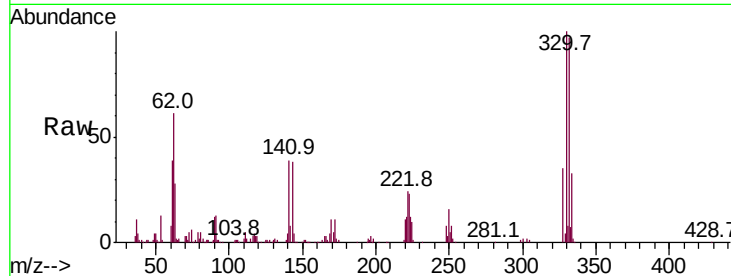




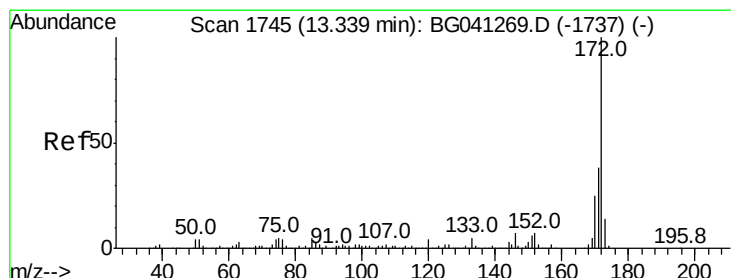
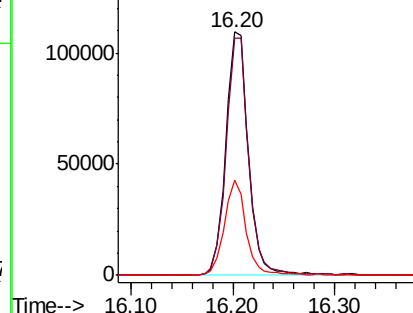
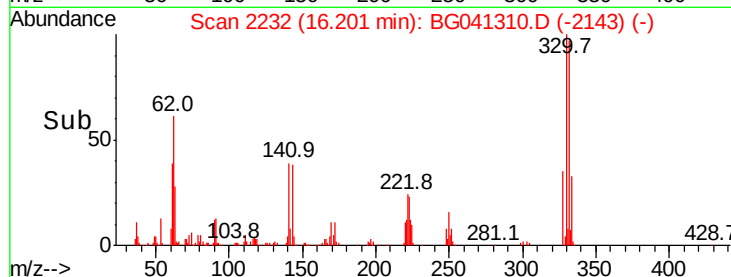
#42
 2,4,6-Tribromophenol
 Concen: 109.962 ng
 RT: 16.20 min Scan# 2232
 Delta R.T. -0.01 min
 Lab File: BG041310.D
 Acq: 18 Jun 2019 23:10

Instrument :
 BNA_G
 ClientSampled :
 TP-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.5	113.3
141	37.3	29.0	43.4

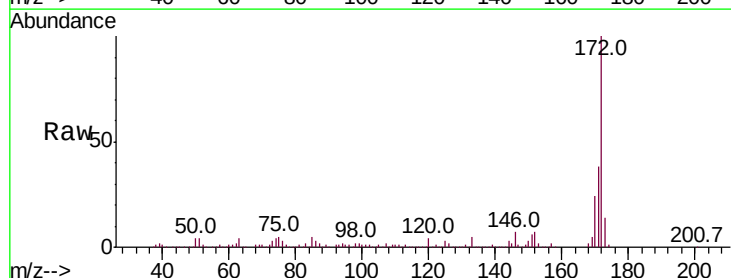


Abundance Ion 329.80 (329.50 to 330.50): E
 150000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

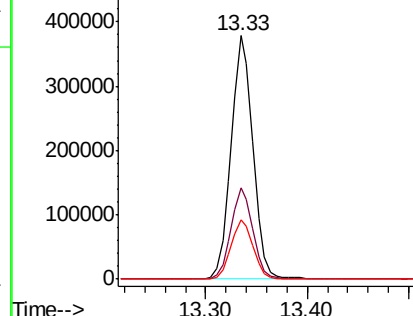
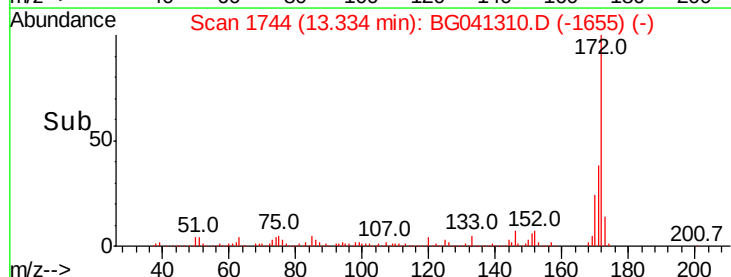


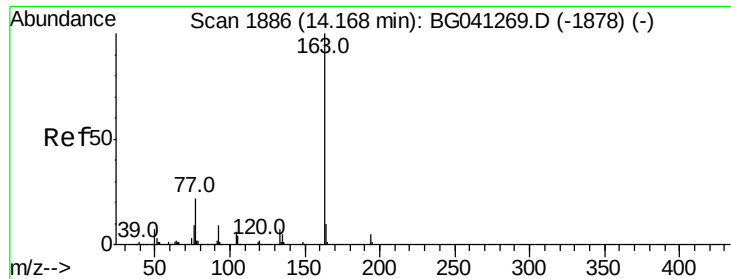
#45
 2-Fluorobiphenyl
 Concen: 76.407 ng
 RT: 13.33 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG041310.D
 Acq: 18 Jun 2019 23:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.3	19.8	29.6



Abundance Ion 172.00 (171.70 to 172.70): E
 500000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.860 ng

RT: 14.16 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG041310.D

Acq: 18 Jun 2019 23:10

Instrument :

BNA_G

ClientSampleId :

TP-A

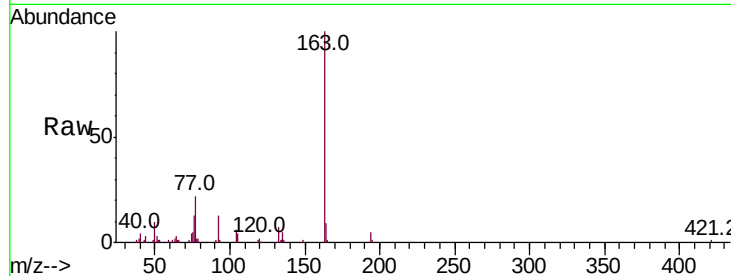
Tot Ion:163 Resp: 70421

Ion Ratio Lower Upper

163 100

194 4.6 3.9 5.9

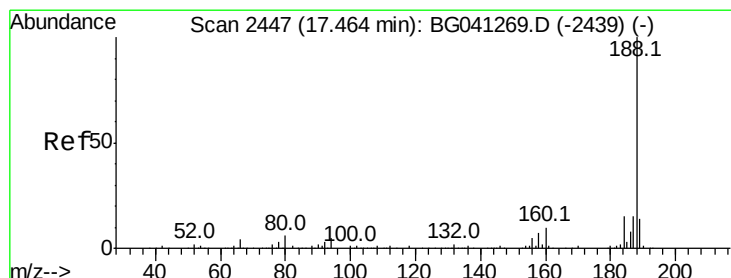
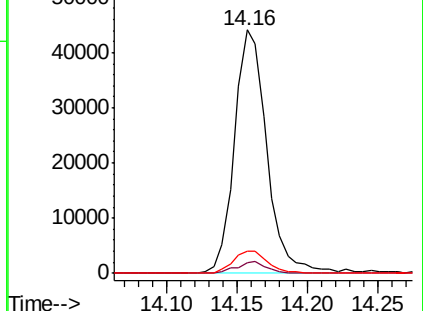
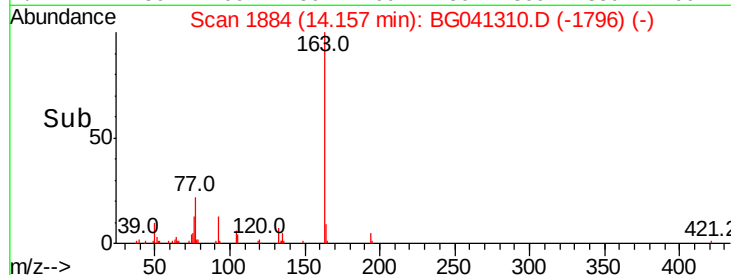
164 9.2 8.3 12.5



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: 17.46 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG041310.D

Acq: 18 Jun 2019 23:10

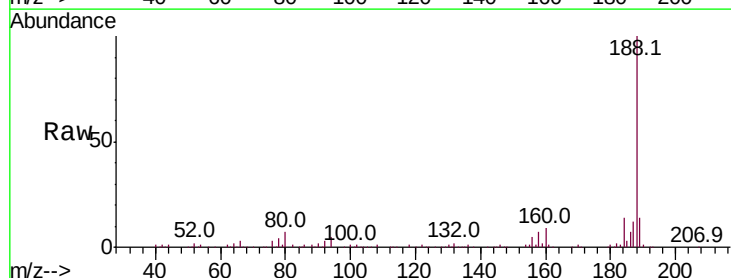
Tgt Ion:188 Resp: 251672

Ion Ratio Lower Upper

188 100

94 4.6 3.6 5.4

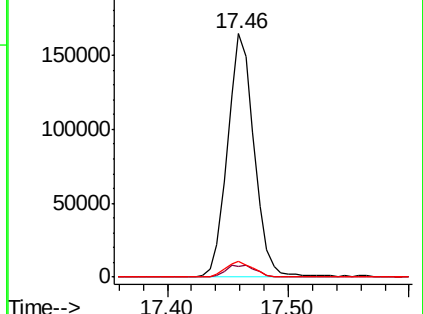
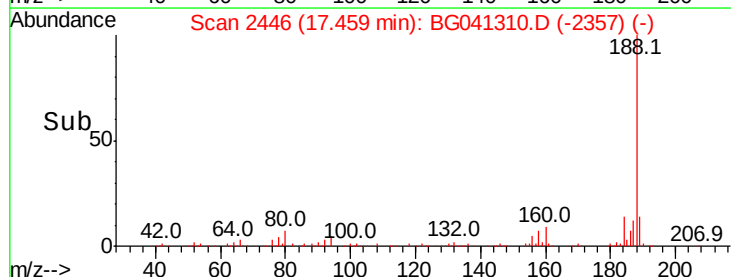
80 6.6 4.8 7.2

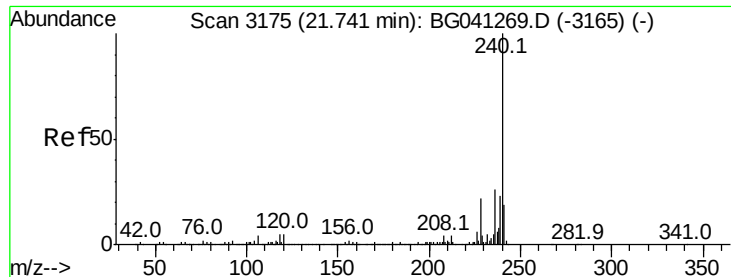


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

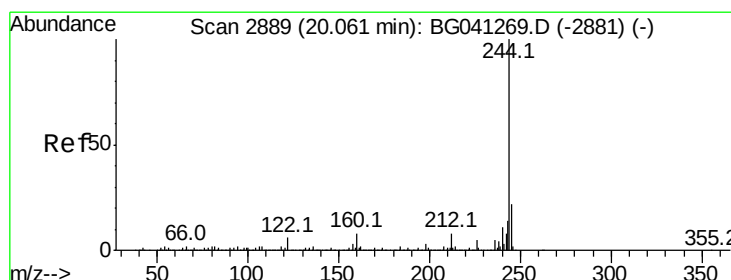
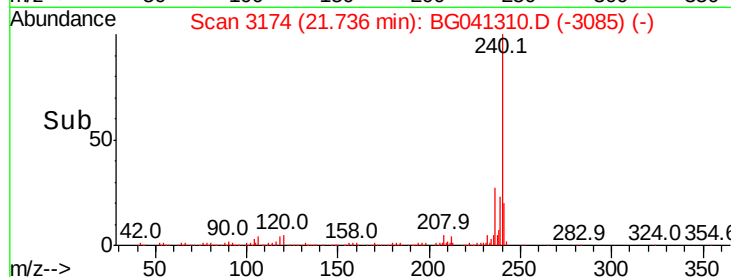
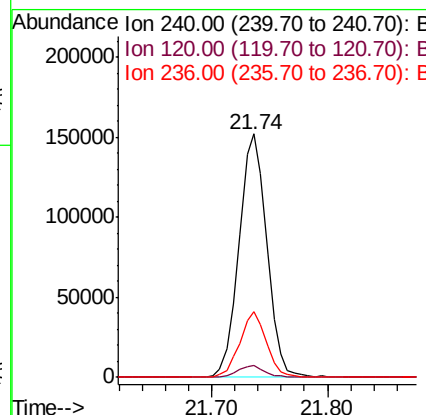
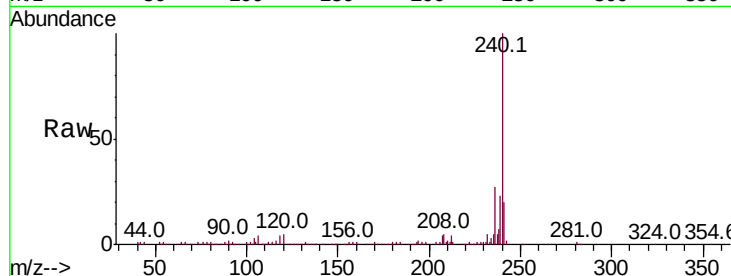




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG041310.D
 Acq: 18 Jun 2019 23:10

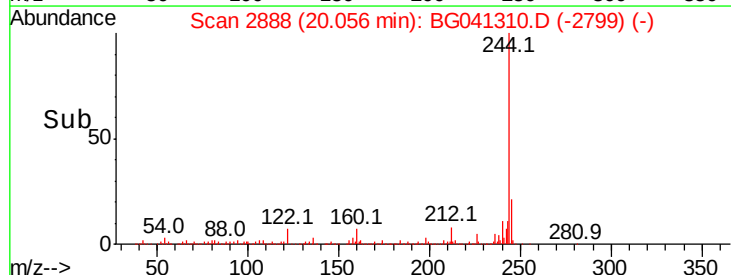
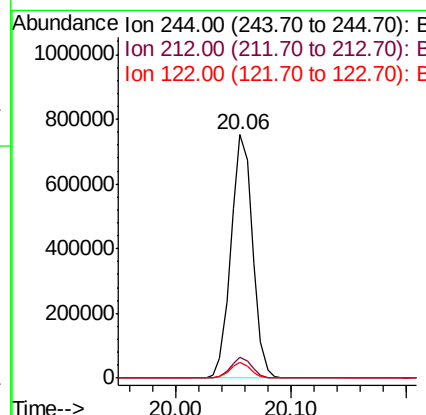
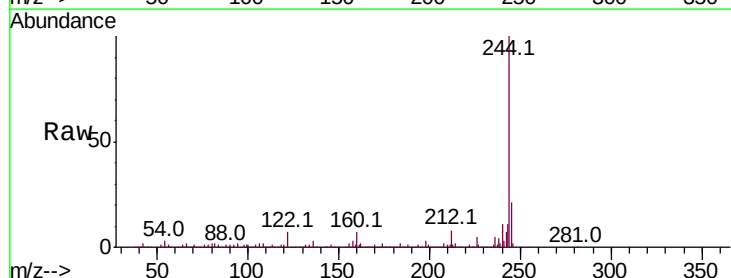
Instrument :
 BNA_G
 ClientSampleId :
 TP-A

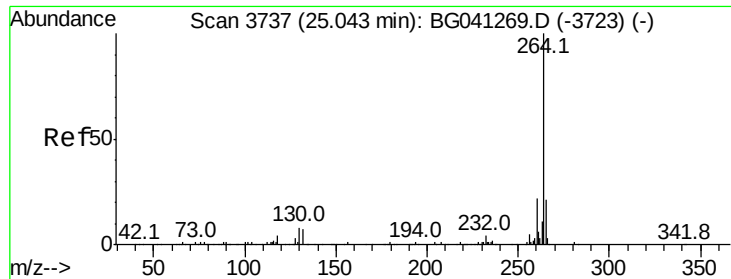
Tot Ion:240 Resp: 252608
 Ion Ratio Lower Upper
 240 100
 120 4.9 3.7 5.5
 236 27.0 21.1 31.7



#79
 Terphenyl-d14
 Concen: 76.392 ng
 RT: 20.06 min Scan# 2888
 Delta R.T. -0.01 min
 Lab File: BG041310.D
 Acq: 18 Jun 2019 23:10

Tgt Ion:244 Resp: 973725
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 10.0
 122 6.6 5.0 7.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BG041310.D
Acq: 18 Jun 2019 23:10

Instrument :
BNA_G
ClientSampleId :
TP-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.2
265	22.7	17.2	25.8

