

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
 Data File : BG041433.D
 Acq On : 24 Jun 2019 22:30
 Operator : HP/JU
 Sample : K3499-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-1(11-12)

Quant Time: Jun 25 06:31:52 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

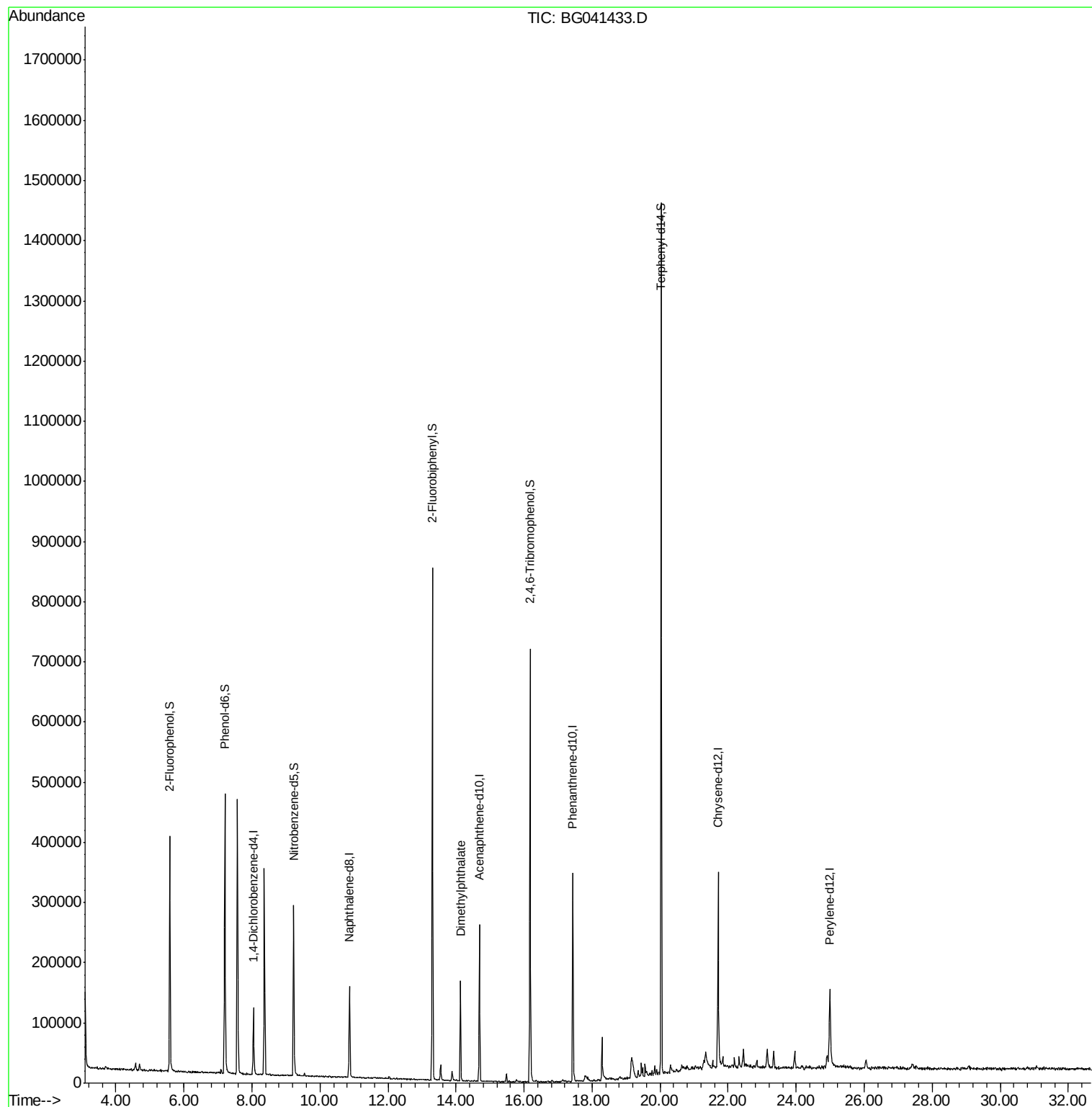
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	30182	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	124076	20.00	ng	-0.04
39) Acenaphthene-d10	14.69	164	89828	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	214099	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	214166	20.00	ng	-0.04
87) Perylene-d12	24.99	264	164153	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	160741	97.86	ng	-0.03
7) Phenol-d6	7.20	99	248093	104.20	ng	-0.03
23) Nitrobenzene-d5	9.23	82	184576	62.56	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	137233	99.51	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	434546	65.75	ng	-0.03
79) Terphenyl-d14	20.03	244	721527	66.77	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.13	163	109667	13.721	ng	Qvalue 99

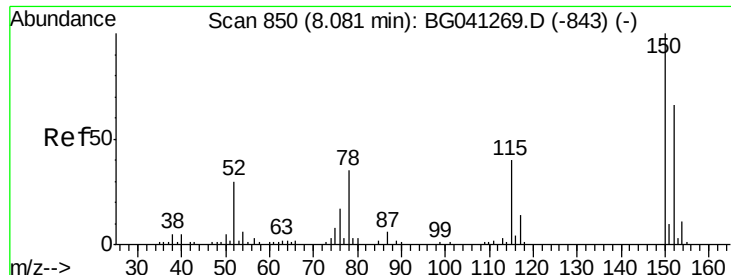
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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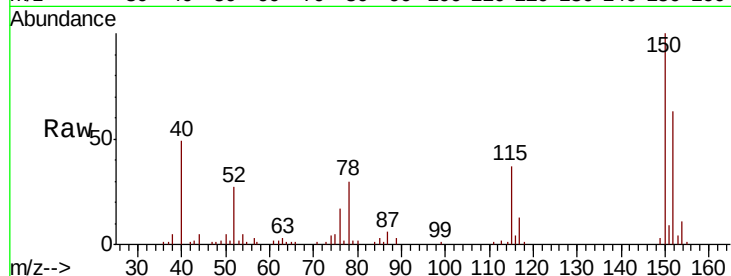


#1

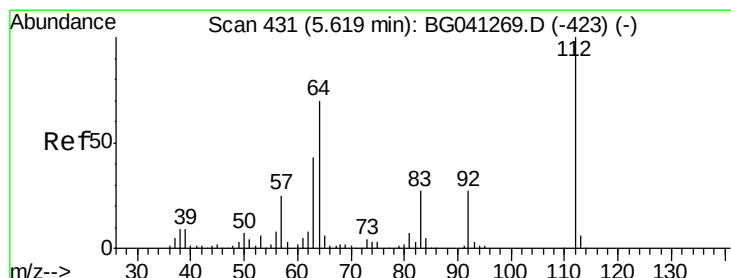
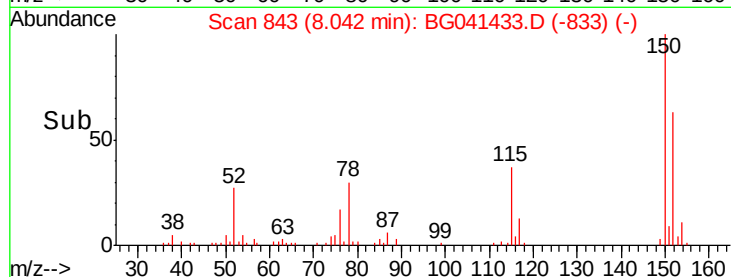
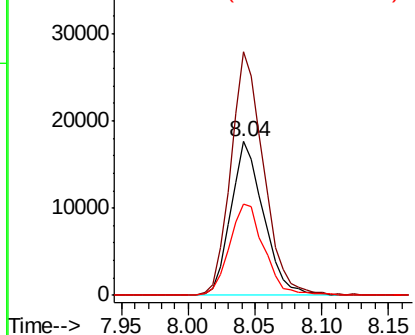
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041433.D
Acq: 24 Jun 2019 22:30

Instrument :
BNA_G
ClientSampleId :
B-1(11-12)

Tot Ion:152 Resp: 30182
Ion Ratio Lower Upper
152 100
150 158.1 120.6 181.0
115 59.2 47.9 71.9



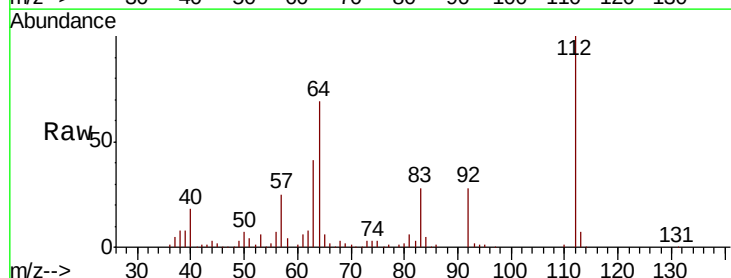
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



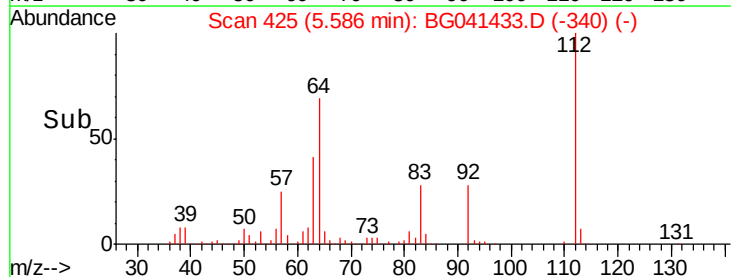
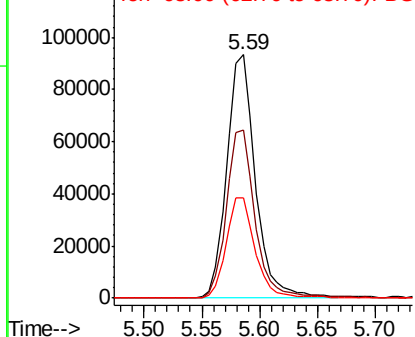
#5

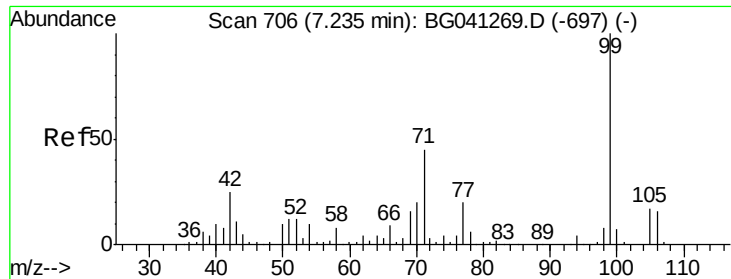
2-Fluorophenol
Concen: 97.856 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.03 min
Lab File: BG041433.D
Acq: 24 Jun 2019 22:30

Tgt Ion:112 Resp: 160741
Ion Ratio Lower Upper
112 100
64 68.9 55.9 83.9
63 41.3 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: 104.196 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041433.D

Acq: 24 Jun 2019 22:30

Instrument :

BNA_G

ClientSampleId :

B-1(11-12)

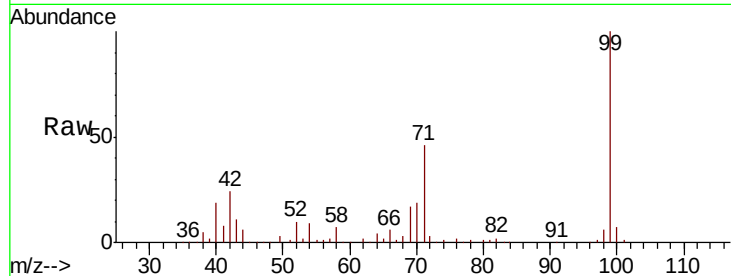
Tot Ion: 99 Resp: 248093

Ion Ratio Lower Upper

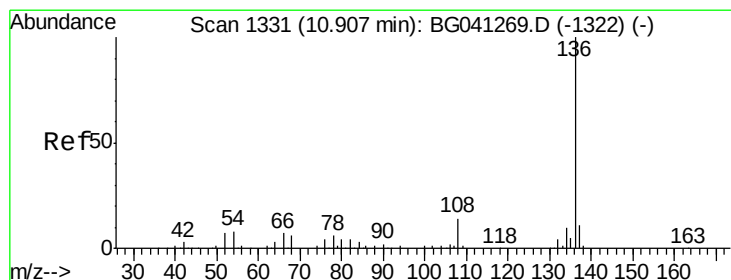
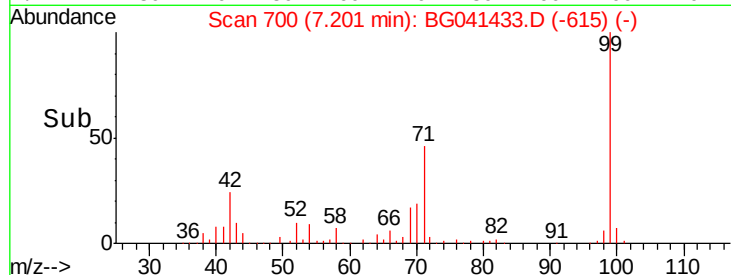
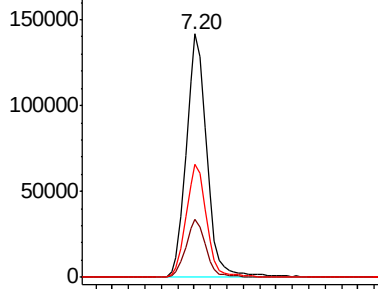
99 100

42 23.9 19.9 29.9

71 46.4 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: 10.87 min Scan# 1324

Delta R.T. -0.04 min

Lab File: BG041433.D

Acq: 24 Jun 2019 22:30

Tgt Ion: 136 Resp: 124076

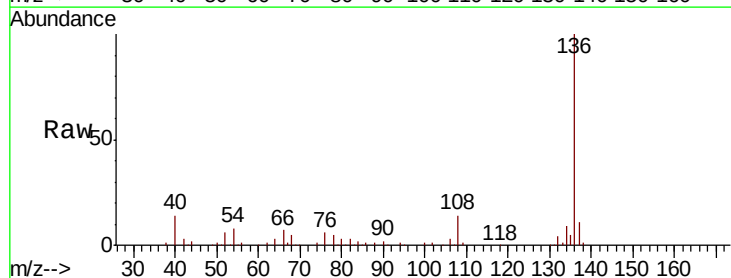
Ion Ratio Lower Upper

136 100

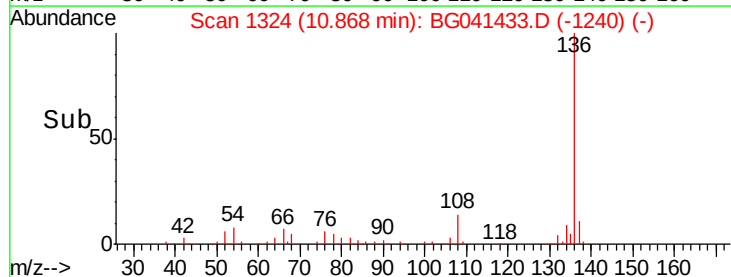
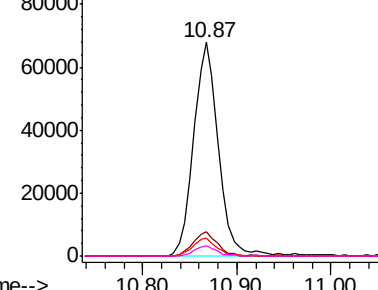
137 11.5 8.8 13.2

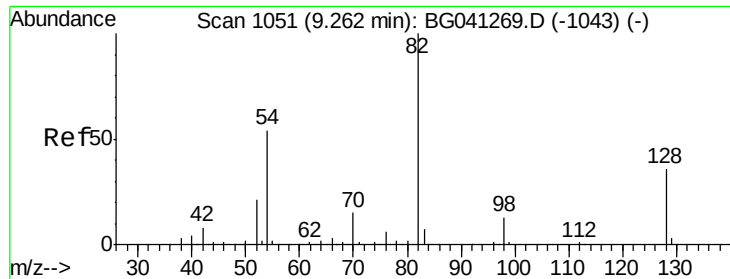
54 8.1 6.4 9.6

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: 62.563 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BG041433.D

Acq: 24 Jun 2019 22:30

Instrument :

BNA_G

ClientSampleId :

B-1(11-12)

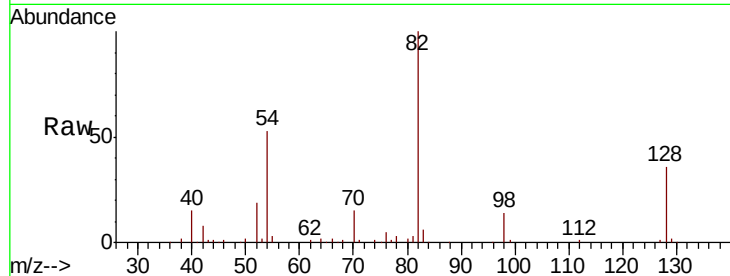
Tot Ion: 82 Resp: 184576

Ion Ratio Lower Upper

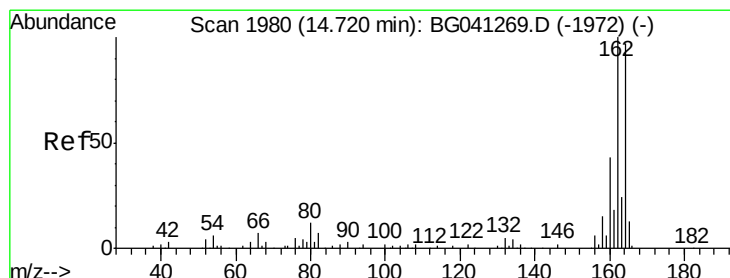
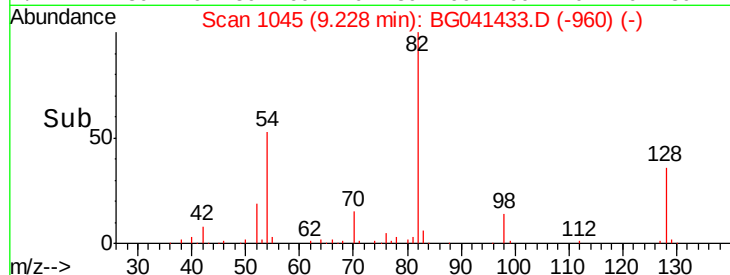
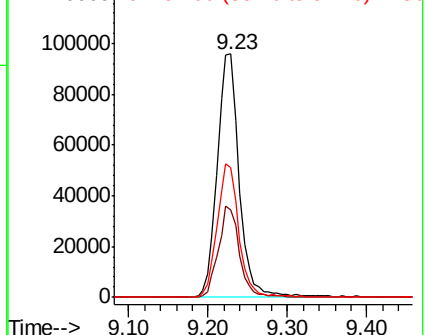
82 100

128 35.7 29.2 43.8

54 53.1 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: 14.69 min Scan# 1974

Delta R.T. -0.03 min

Lab File: BG041433.D

Acq: 24 Jun 2019 22:30

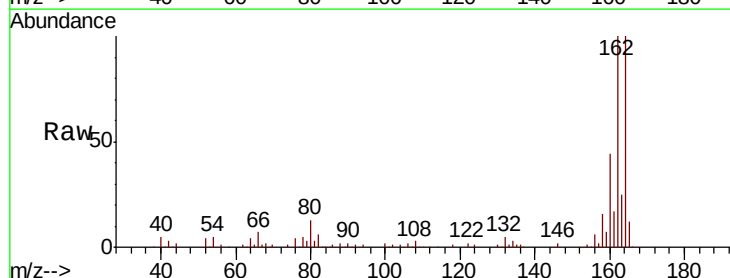
Tgt Ion:164 Resp: 89828

Ion Ratio Lower Upper

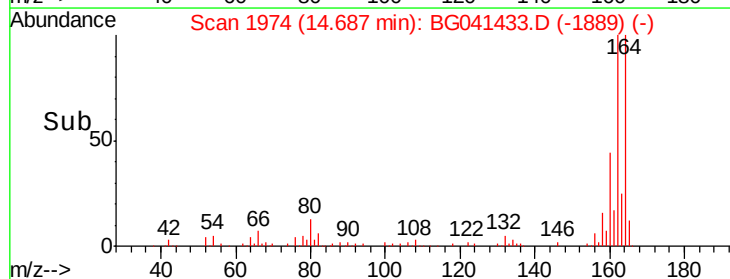
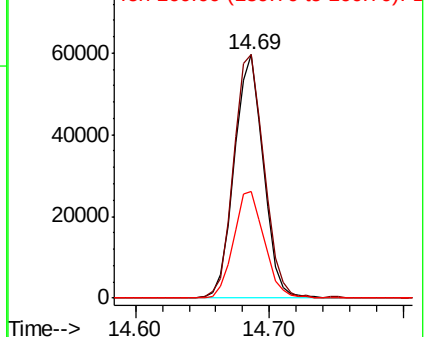
164 100

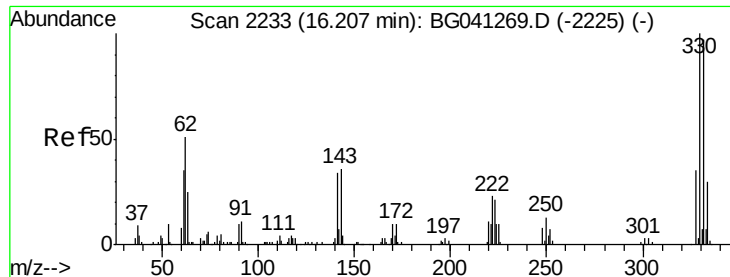
162 99.8 82.8 124.2

160 44.1 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: 99.512 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.03 min

Lab File: BG041433.D

Acq: 24 Jun 2019 22:30

Instrument :

BNA_G

ClientSampleId :

B-1(11-12)

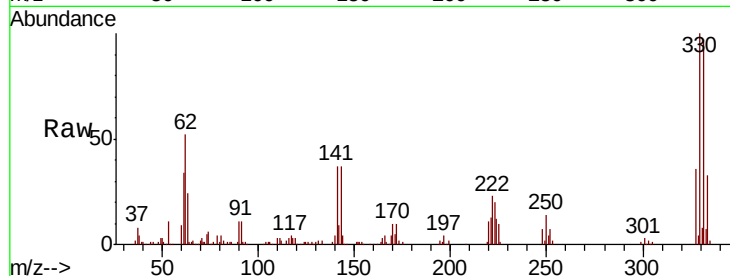
Tot Ion:330 Resp: 137233

Ion Ratio Lower Upper

330 100

332 96.9 75.5 113.3

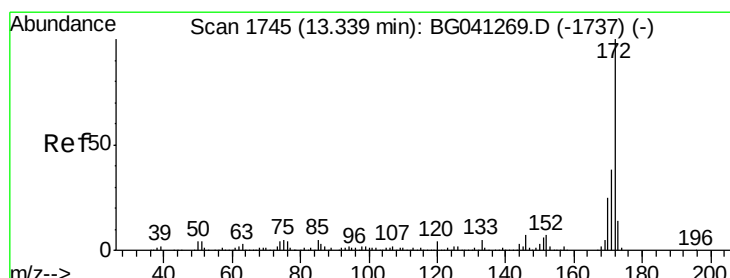
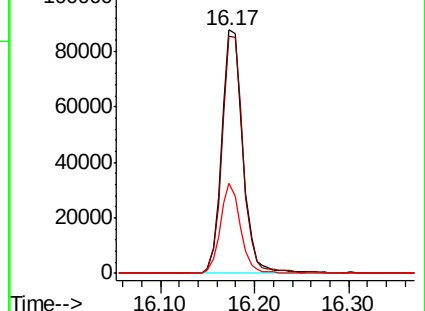
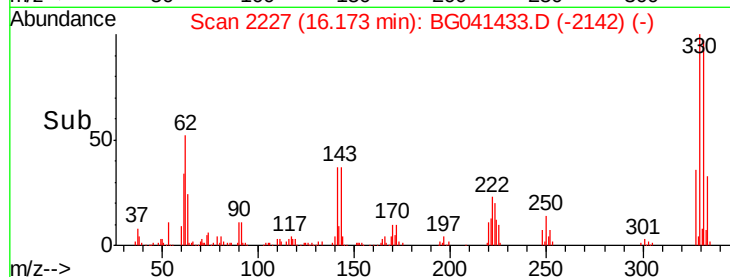
141 35.2 29.0 43.4



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: 65.750 ng

RT: 13.31 min Scan# 1739

Delta R.T. -0.03 min

Lab File: BG041433.D

Acq: 24 Jun 2019 22:30

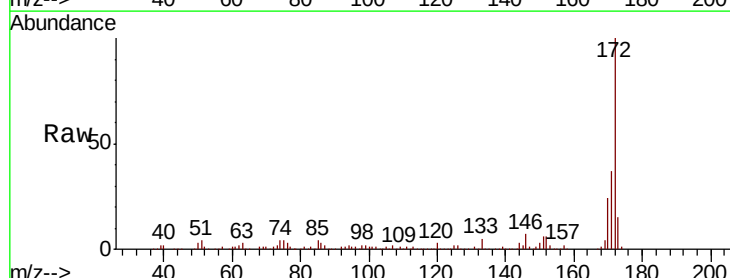
Tgt Ion:172 Resp: 434546

Ion Ratio Lower Upper

172 100

171 36.6 30.0 45.0

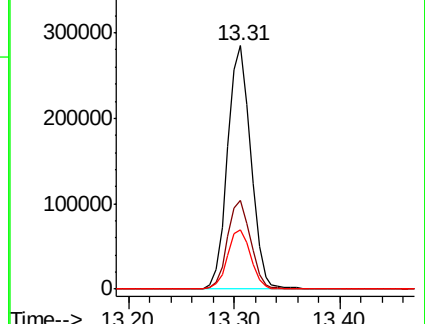
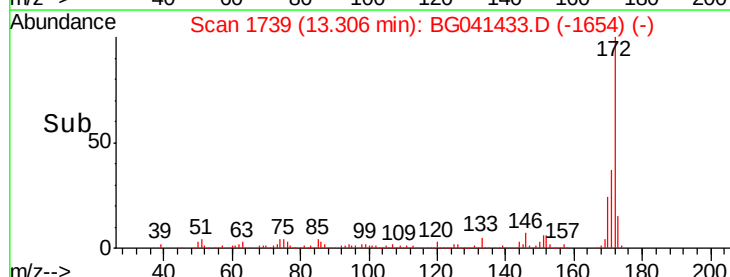
170 24.4 19.8 29.6

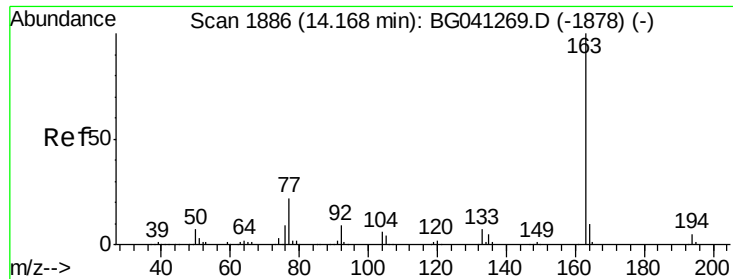


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

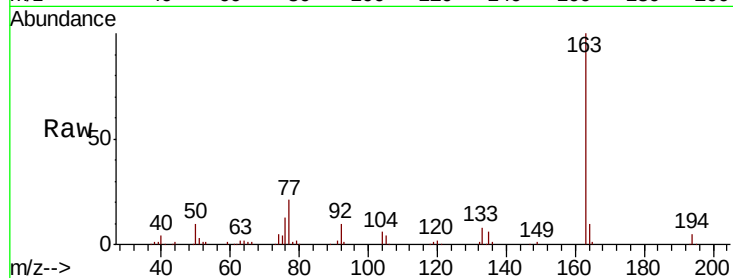




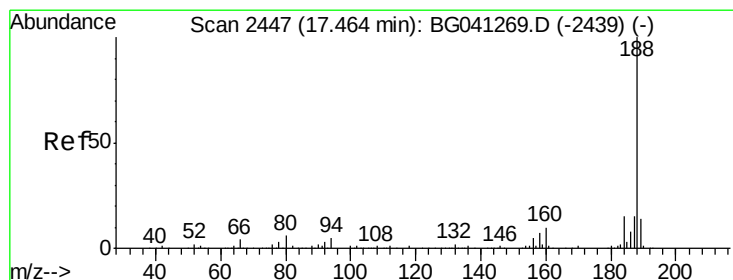
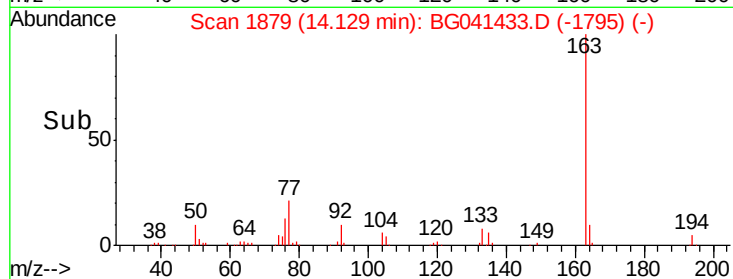
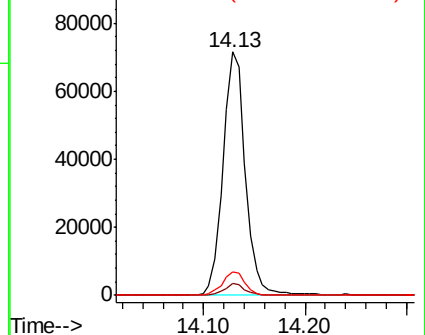
#50
Dimethylphthalate
Concen: 13.721 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.04 min
Lab File: BG041433.D
Acq: 24 Jun 2019 22:30

Instrument :
BNA_G
ClientSampleId :
B-1(11-12)

Tot Ion:163 Resp: 109667
Ion Ratio Lower Upper
163 100
194 5.1 3.9 5.9
164 9.7 8.3 12.5

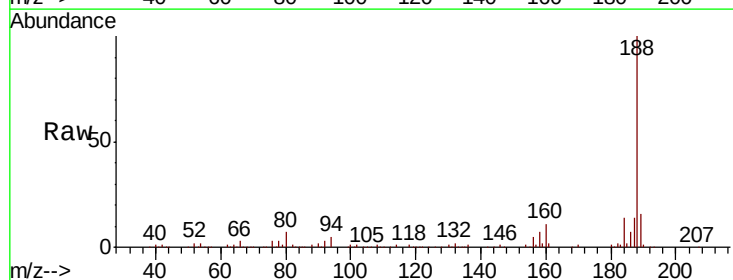


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

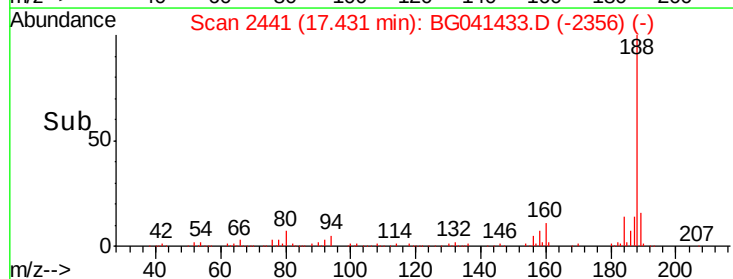
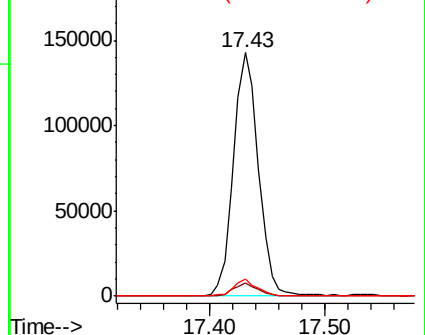


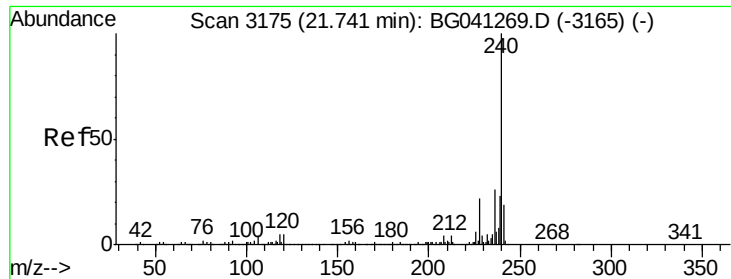
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.03 min
Lab File: BG041433.D
Acq: 24 Jun 2019 22:30

Tgt Ion:188 Resp: 214099
Ion Ratio Lower Upper
188 100
94 5.3 3.6 5.4
80 6.8 4.8 7.2



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

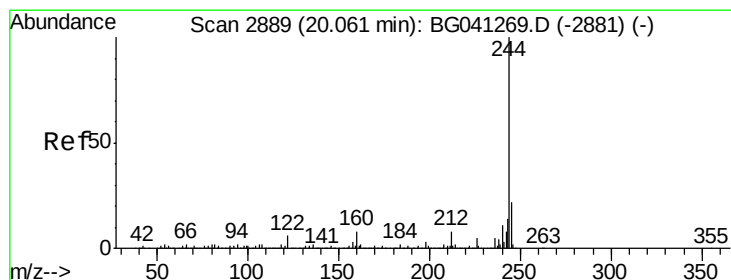
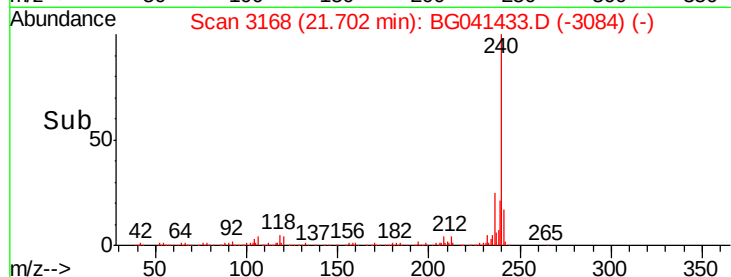
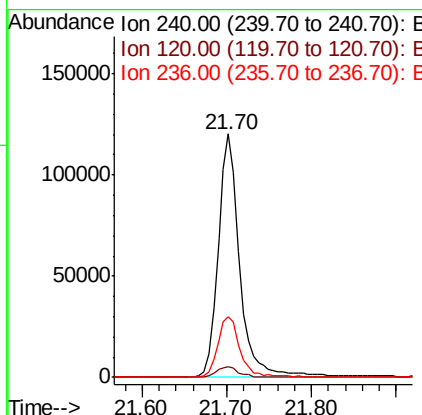
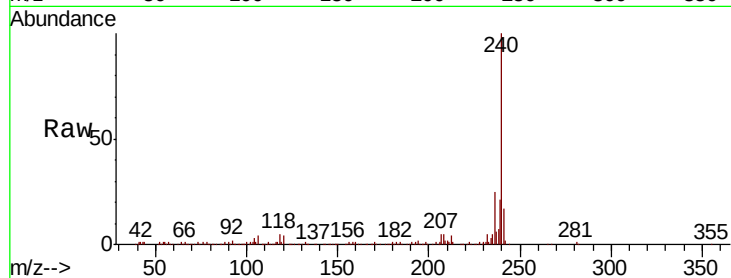




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BG041433.D
Acq: 24 Jun 2019 22:30

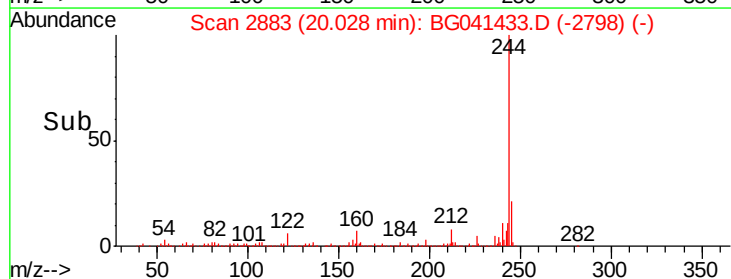
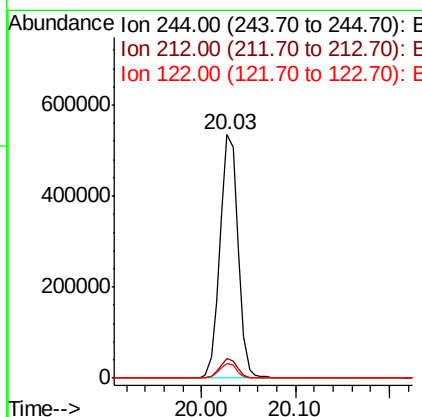
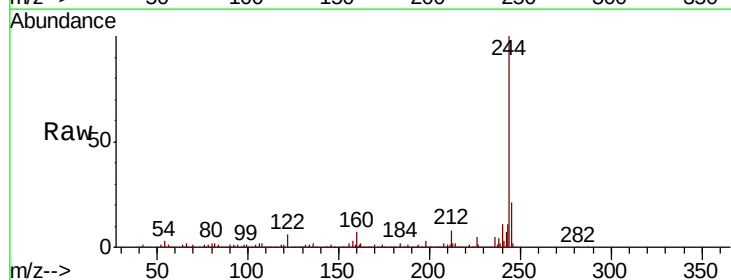
Instrument :
BNA_G
ClientSampleId :
B-1(11-12)

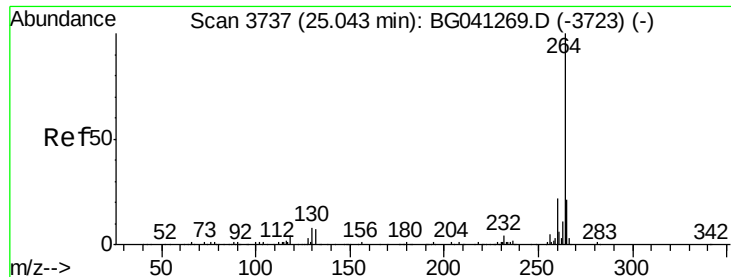
Tot Ion:240 Resp: 214166
Ion Ratio Lower Upper
240 100
120 4.4 3.7 5.5
236 24.8 21.1 31.7



#79
Terphenyl-d14
Concen: 66.767 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.03 min
Lab File: BG041433.D
Acq: 24 Jun 2019 22:30

Tgt Ion:244 Resp: 721527
Ion Ratio Lower Upper
244 100
212 8.3 6.6 10.0
122 5.9 5.0 7.4

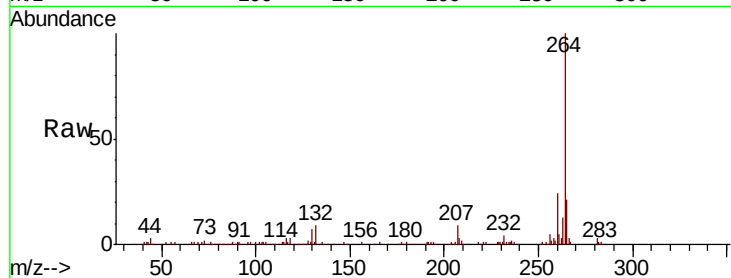




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3728
Delta R.T. -0.05 min
Lab File: BG041433.D
Acq: 24 Jun 2019 22:30

Instrument :
BNA_G
ClientSampleId :
B-1(11-12)

Tot Ion:	264	Resp:	164153
Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.2
265	20.7	17.2	25.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

