

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
 Data File : BG041436.D
 Acq On : 25 Jun 2019 00:24
 Operator : HP/JU
 Sample : K3499-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-5(10-11)

Quant Time: Jun 25 06:39:55 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

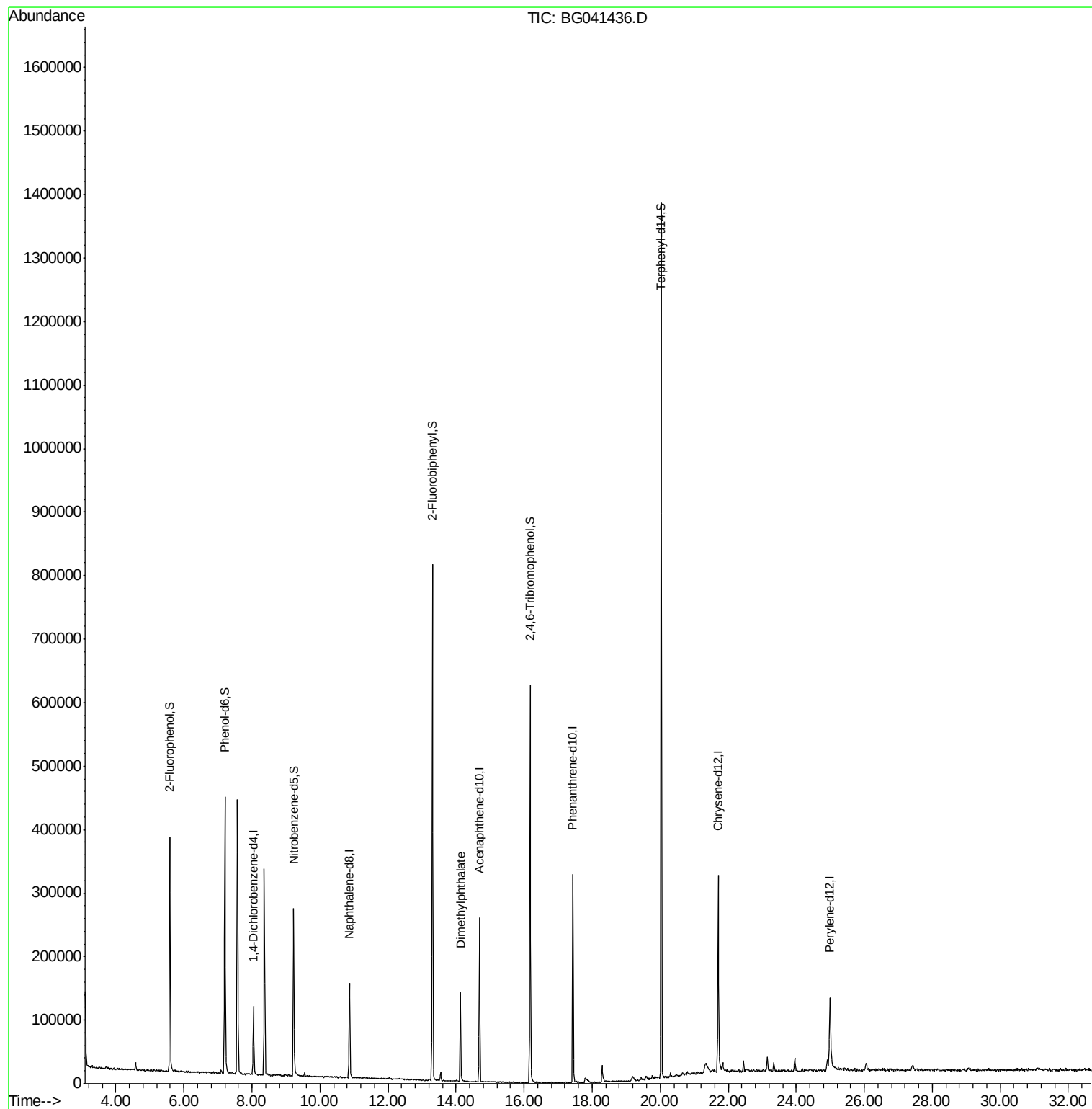
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	31585	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	124433	20.00	ng	-0.04
39) Acenaphthene-d10	14.69	164	90470	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	216847	20.00	ng	-0.03
76) Chrysene-d12	21.71	240	210264	20.00	ng	-0.03
87) Perylene-d12	24.99	264	158070	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	154061	89.62	ng	-0.03
7) Phenol-d6	7.20	99	240969	96.71	ng	-0.03
23) Nitrobenzene-d5	9.23	82	172288	58.23	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	126361	90.98	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	422140	63.42	ng	-0.03
79) Terphenyl-d14	20.03	244	694223	65.43	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.13	163	96417	11.978	ng	Qvalue 98

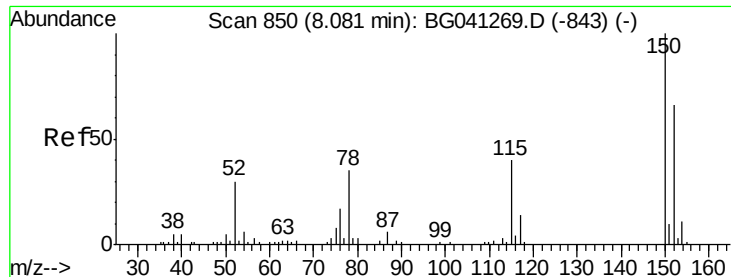
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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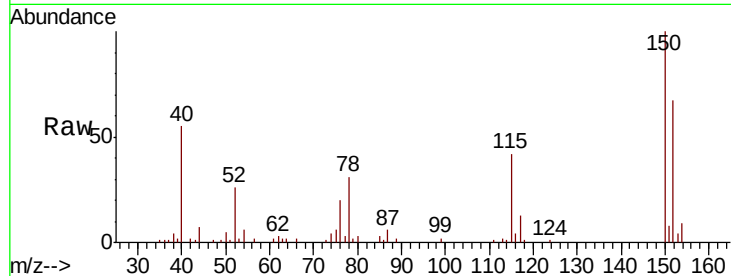


#1

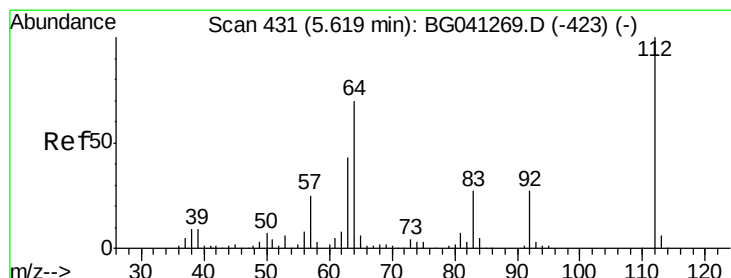
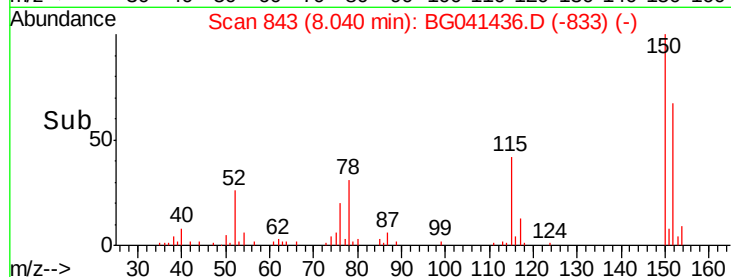
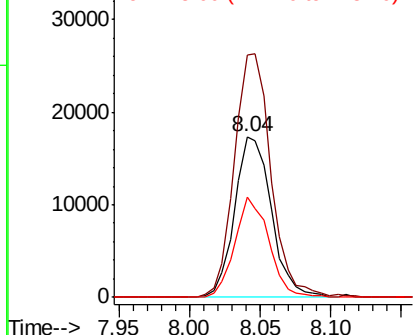
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041436.D
Acq: 25 Jun 2019 00:24

Instrument :
BNA_G
ClientSampleId :
B-5(10-11)

Tot Ion:152 Resp: 31585
Ion Ratio Lower Upper
152 100
150 150.4 120.6 181.0
115 62.4 47.9 71.9



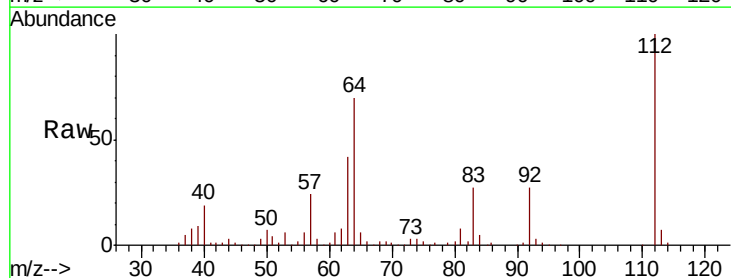
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



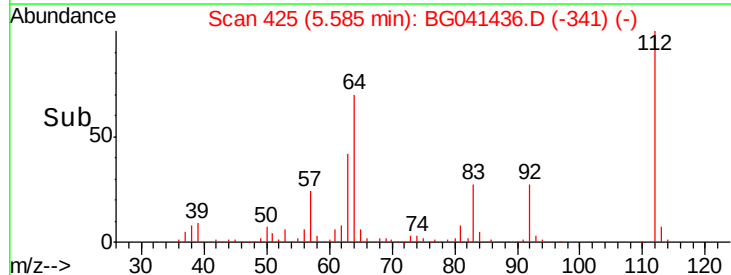
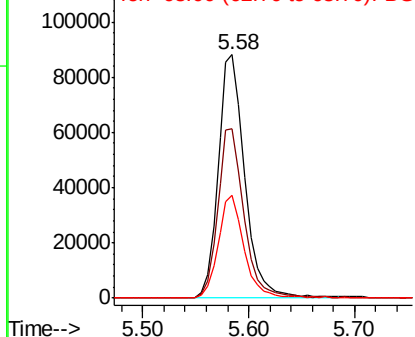
#5

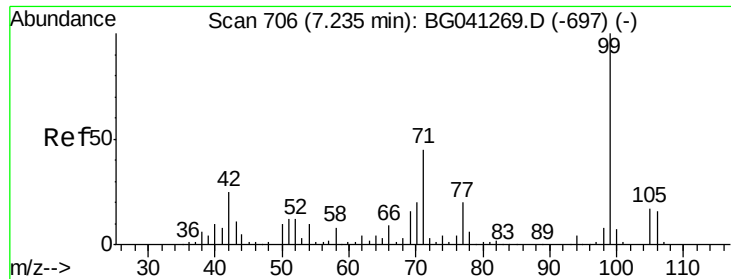
2-Fluorophenol
Concen: 89.623 ng
RT: 5.58 min Scan# 425
Delta R.T. -0.03 min
Lab File: BG041436.D
Acq: 25 Jun 2019 00:24

Tgt Ion:112 Resp: 154061
Ion Ratio Lower Upper
112 100
64 69.6 55.9 83.9
63 42.4 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: 96.709 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041436.D

Acq: 25 Jun 2019 00:24

Instrument :

BNA_G

ClientSampleId :

B-5(10-11)

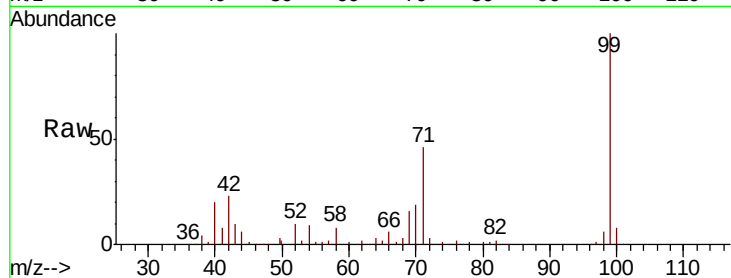
Tot Ion: 99 Resp: 240969

Ion Ratio Lower Upper

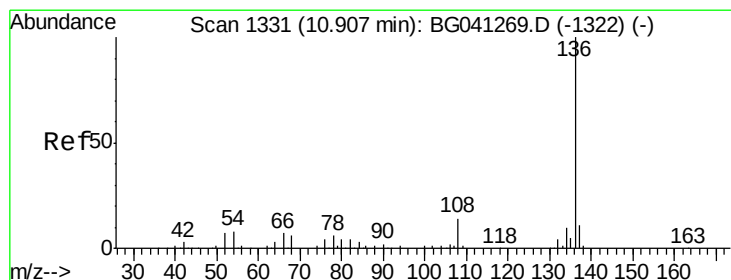
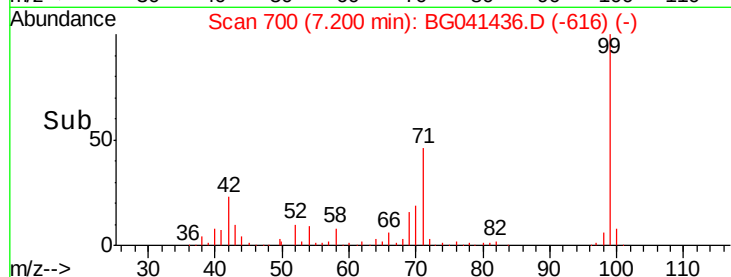
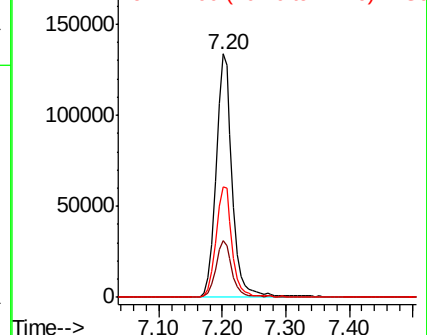
99 100

42 23.1 19.9 29.9

71 45.6 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: BG041436.D

Acq: 25 Jun 2019 00:24

Tgt Ion: 136 Resp: 124433

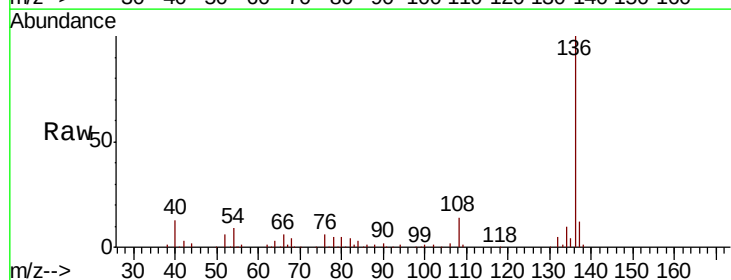
Ion Ratio Lower Upper

136 100

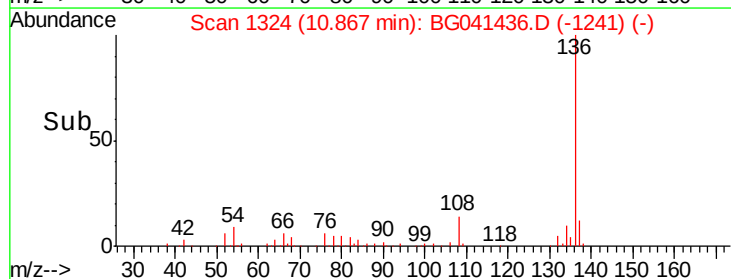
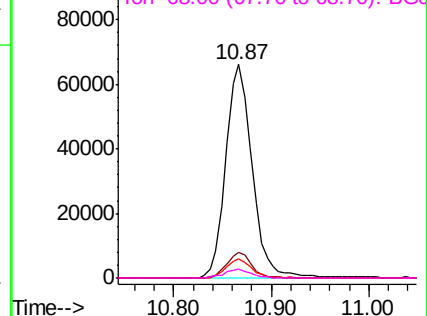
137 11.9 8.8 13.2

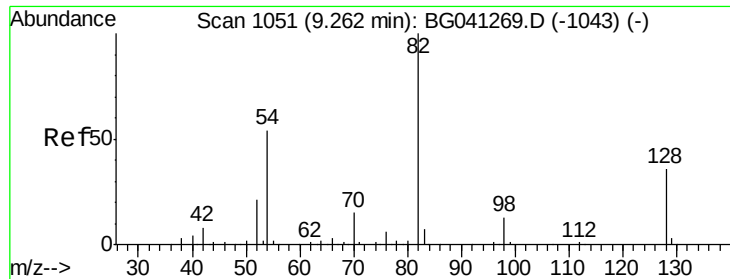
54 9.1 6.4 9.6

68 4.7 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

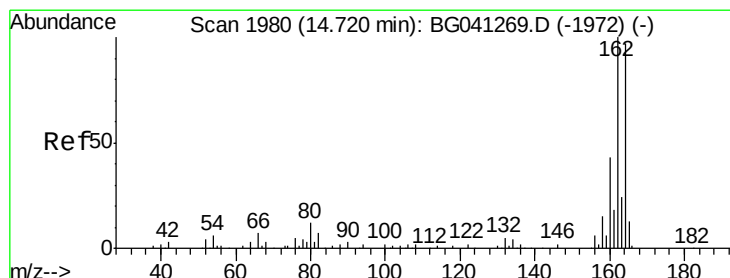
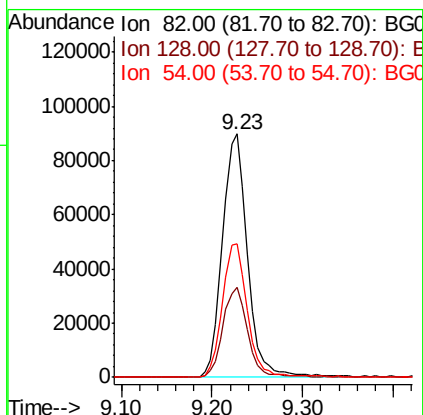
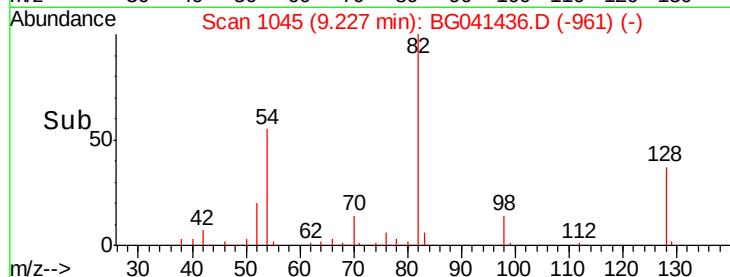
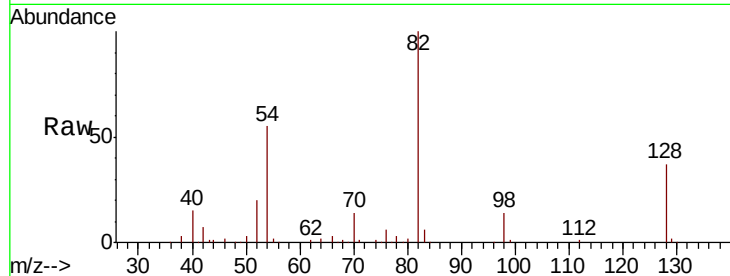




#23
 Nitrobenzene-d5
 Concen: 58.230 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.03 min
 Lab File: BG041436.D
 Acq: 25 Jun 2019 00:24

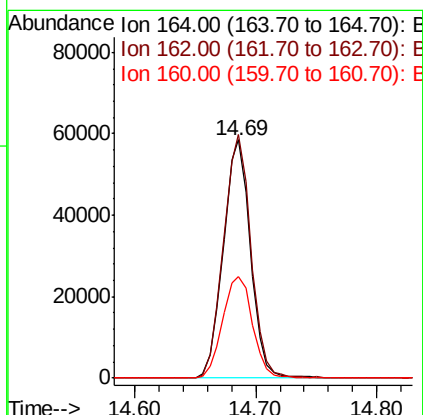
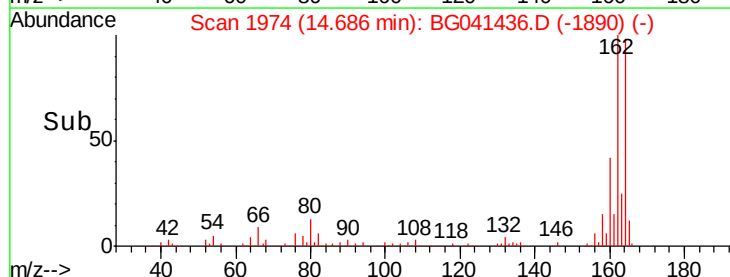
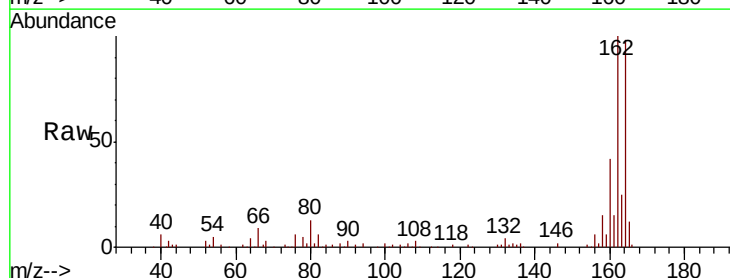
Instrument :
 BNA_G
 ClientSampleId :
 B-5(10-11)

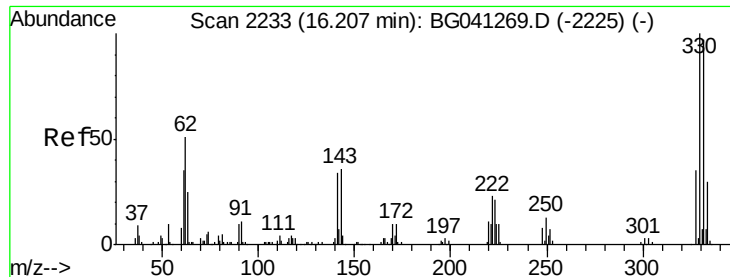
Tot Ion: 82 Resp: 172288
 Ion Ratio Lower Upper
 82 100
 128 36.9 29.2 43.8
 54 55.0 43.4 65.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.03 min
 Lab File: BG041436.D
 Acq: 25 Jun 2019 00:24

Tgt Ion: 164 Resp: 90470
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.8 124.2
 160 42.9 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 90.978 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.03 min

Lab File: BG041436.D

Acq: 25 Jun 2019 00:24

Instrument :

BNA_G

ClientSampleId :

B-5(10-11)

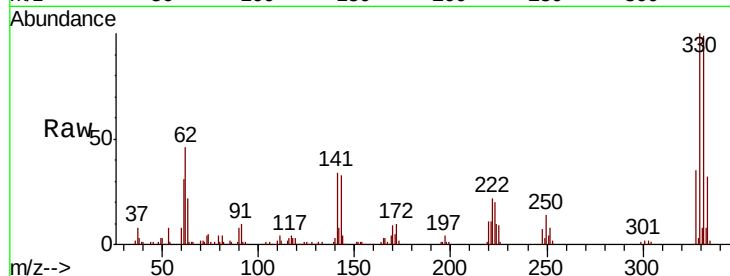
Tot Ion:330 Resp: 126361

Ion Ratio Lower Upper

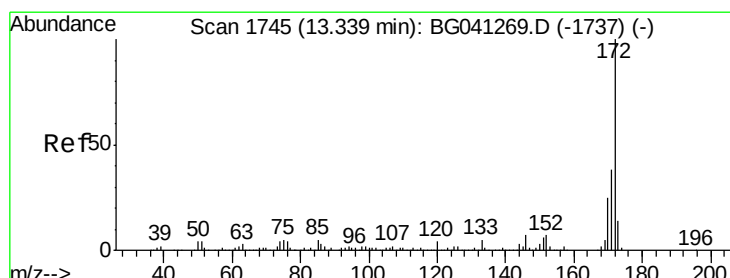
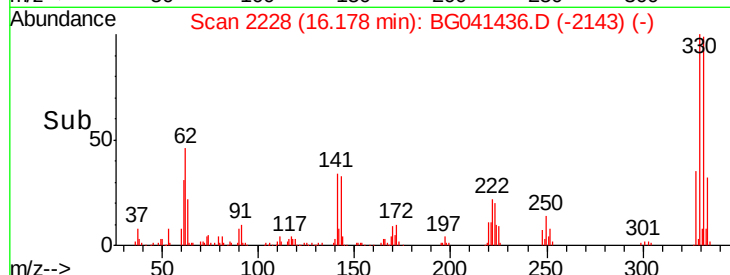
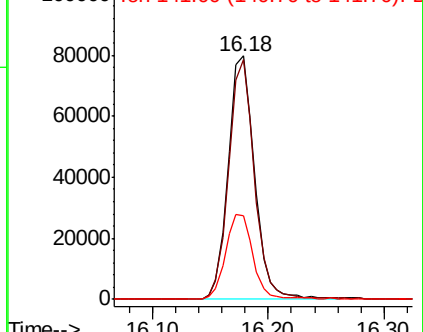
330 100

332 97.1 75.5 113.3

141 36.0 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: 63.419 ng

RT: 13.30 min Scan# 1739

Delta R.T. -0.03 min

Lab File: BG041436.D

Acq: 25 Jun 2019 00:24

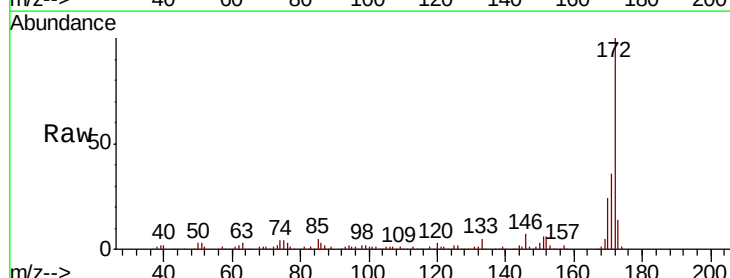
Tgt Ion:172 Resp: 422140

Ion Ratio Lower Upper

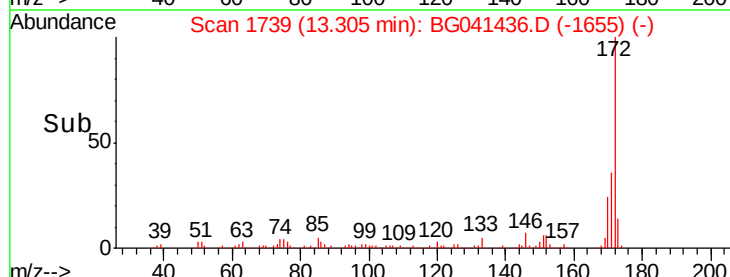
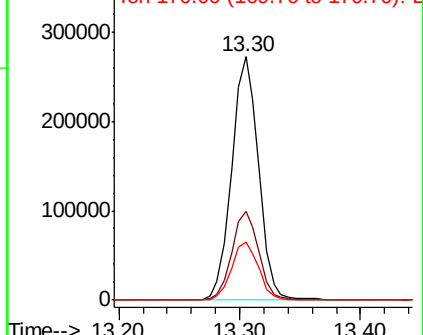
172 100

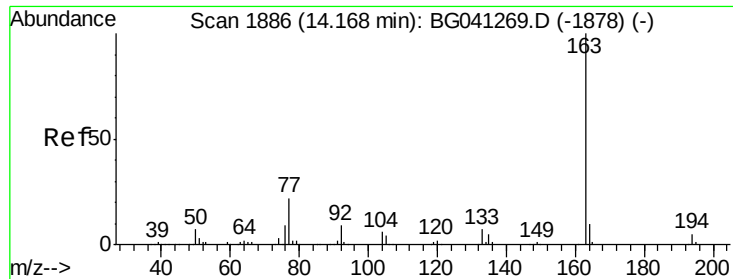
171 36.2 30.0 45.0

170 24.0 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: 11.978 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.04 min

Lab File: BG041436.D

Acq: 25 Jun 2019 00:24

Instrument :

BNA_G

ClientSampleId :

B-5(10-11)

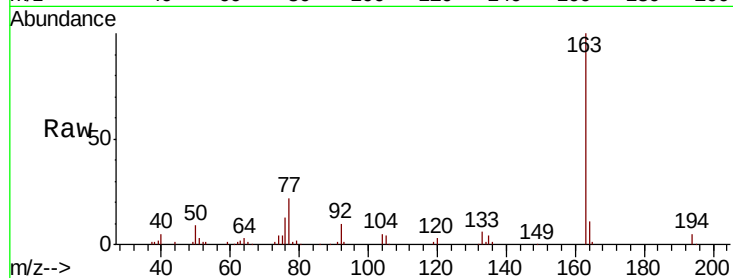
Tot Ion:163 Resp: 96417

Ion Ratio Lower Upper

163 100

194 4.5 3.9 5.9

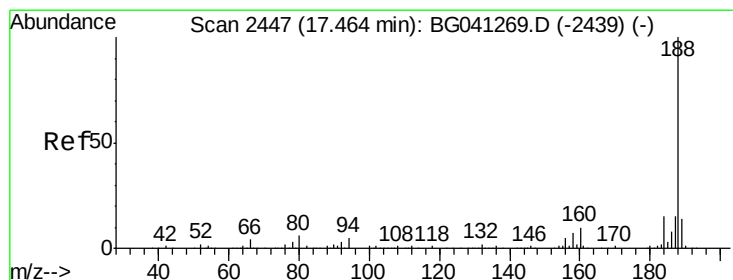
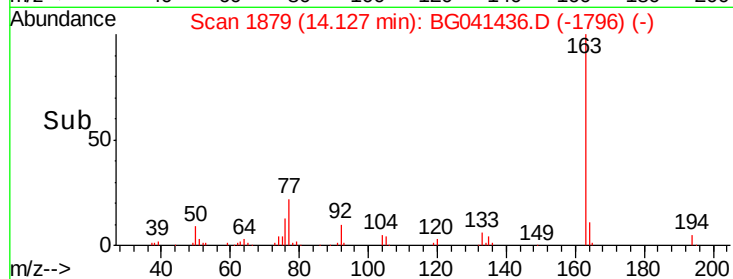
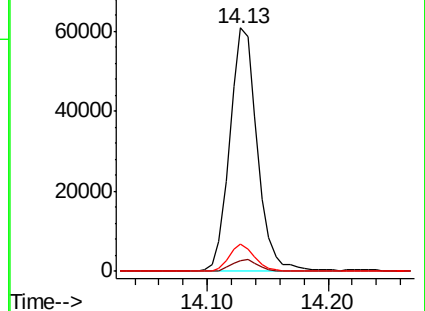
164 11.3 8.3 12.5



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: BG041436.D

Acq: 25 Jun 2019 00:24

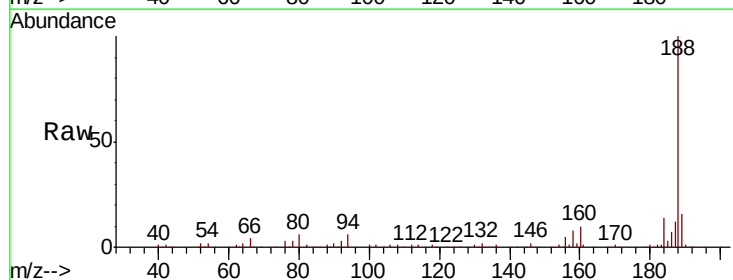
Tgt Ion:188 Resp: 216847

Ion Ratio Lower Upper

188 100

94 5.5 3.6 5.4#

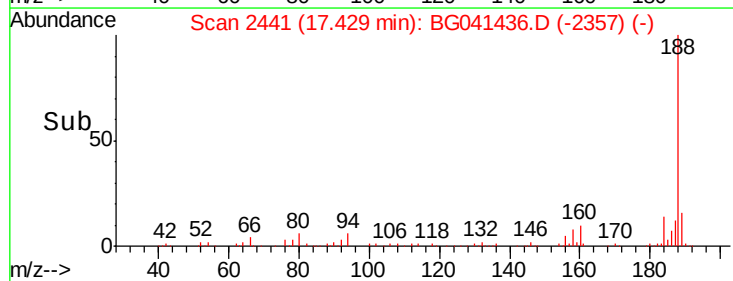
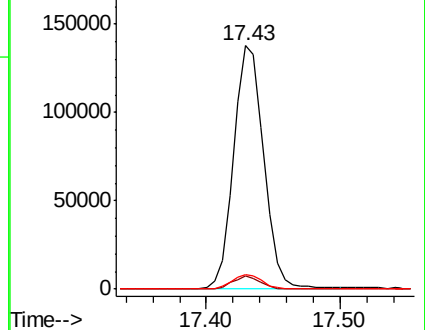
80 6.1 4.8 7.2

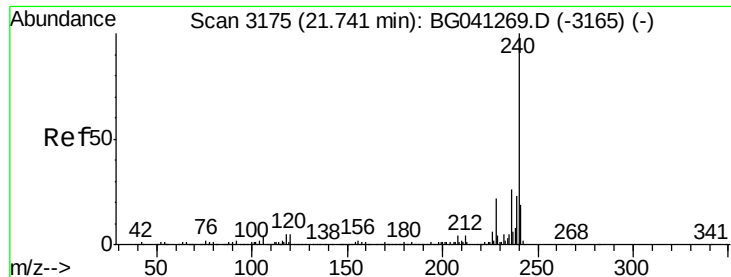


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.71 min Scan# 3169

Delta R.T. -0.03 min

Lab File: BG041436.D

Acq: 25 Jun 2019 00:24

Instrument :

BNA_G

ClientSampleId :

B-5(10-11)

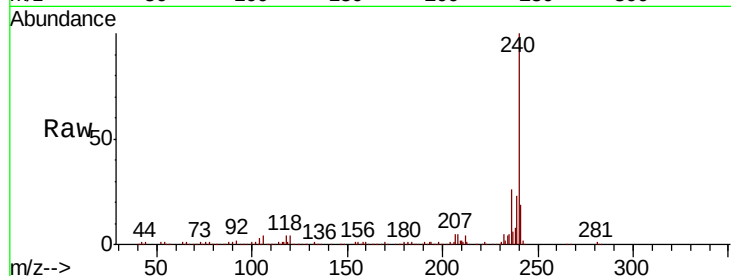
Tot Ion:240 Resp: 210264

Ion Ratio Lower Upper

240 100

120 4.1 3.7 5.5

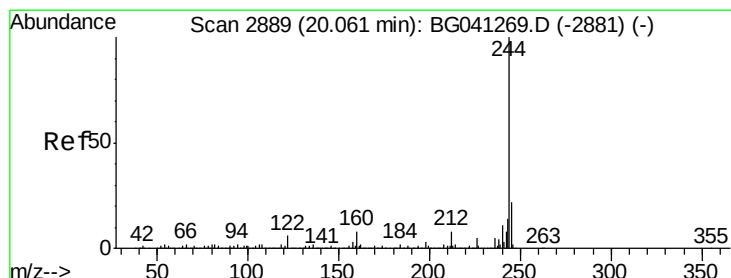
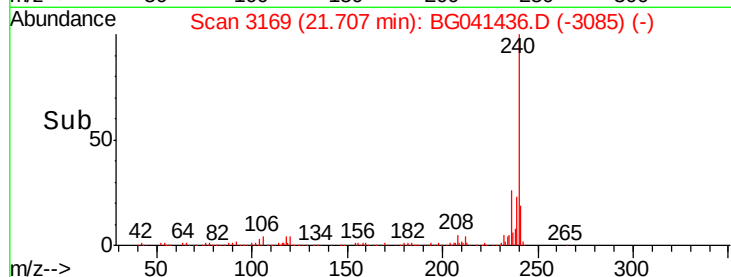
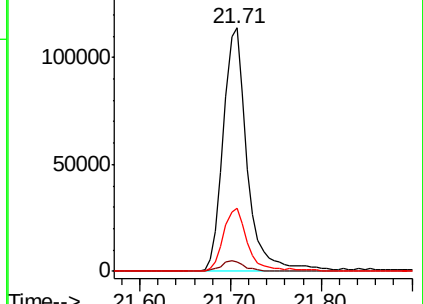
236 26.0 21.1 31.7



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: 65.432 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.03 min

Lab File: BG041436.D

Acq: 25 Jun 2019 00:24

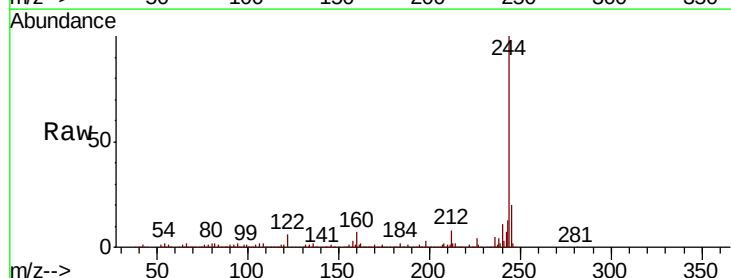
Tgt Ion:244 Resp: 694223

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

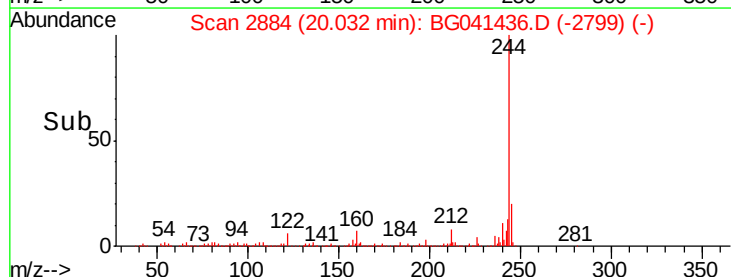
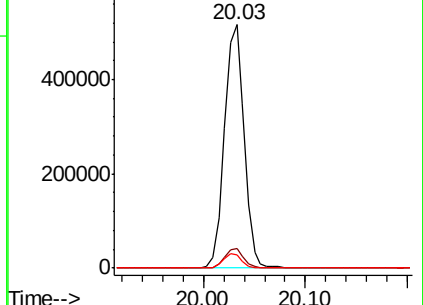
122 5.5 5.0 7.4

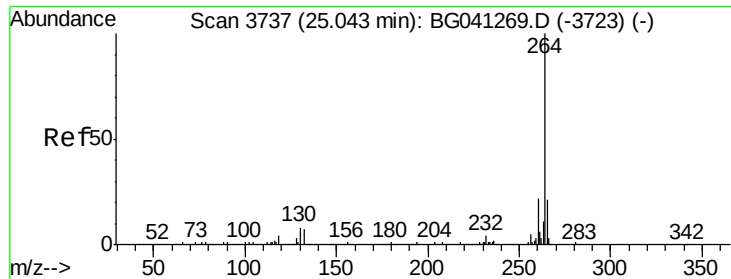


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.99 min Scan# 3728
Delta R.T. -0.05 min
Lab File: BG041436.D
Acq: 25 Jun 2019 00:24

Instrument :
BNA_G
ClientSampleId :
B-5(10-11)

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.2
265	20.9	17.2	25.8

