

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
 Data File : BG041440.D
 Acq On : 25 Jun 2019 2:55
 Operator : HP/JU
 Sample : K3500-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)

Quant Time: Jun 25 06:51:18 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

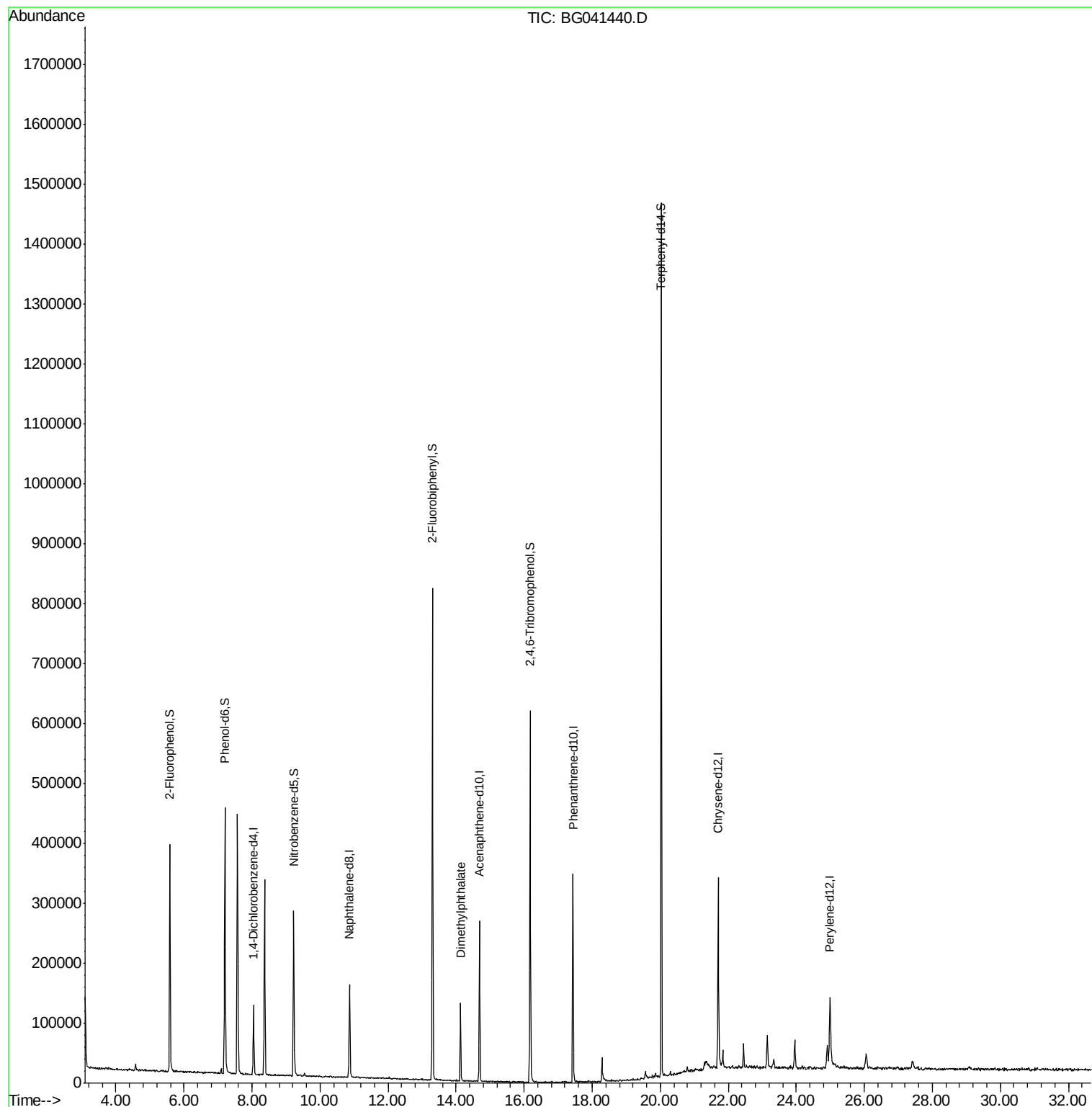
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	32615	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	133587	20.00	ng	-0.04
39) Acenaphthene-d10	14.68	164	93552	20.00	ng	-0.04
64) Phenanthrene-d10	17.43	188	224334	20.00	ng	-0.03
76) Chrysene-d12	21.71	240	215603	20.00	ng	-0.04
87) Perylene-d12	24.99	264	157632	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	158963	89.55	ng	-0.04
7) Phenol-d6	7.20	99	242954	94.43	ng	-0.04
23) Nitrobenzene-d5	9.23	82	174792	55.03	ng	-0.04
42) 2,4,6-Tribromophenol	16.18	330	127562	88.82	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	422183	61.34	ng	-0.04
79) Terphenyl-d14	20.03	244	690441	63.46	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.13	163	90356	10.855	ng	Qvalue 99

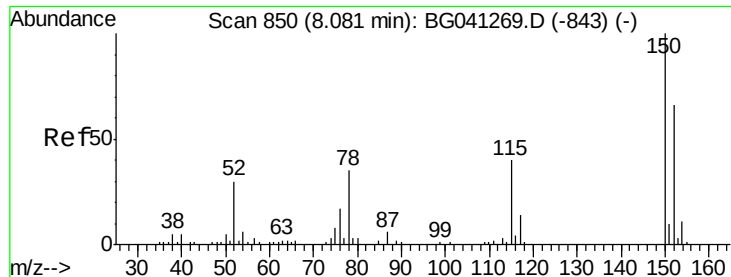
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 17 14:58:02 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.04 min

Lab File: BG041440.D

Acq: 25 Jun 2019 2:55

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)

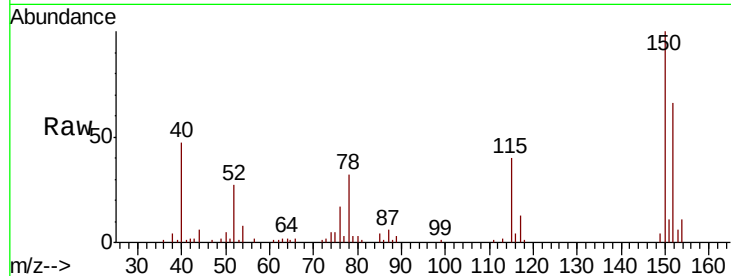
Tot Ion:152 Resp: 32615

Ion Ratio Lower Upper

152 100

150 152.3 120.6 181.0

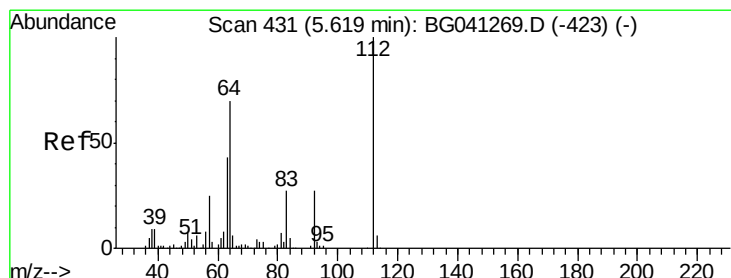
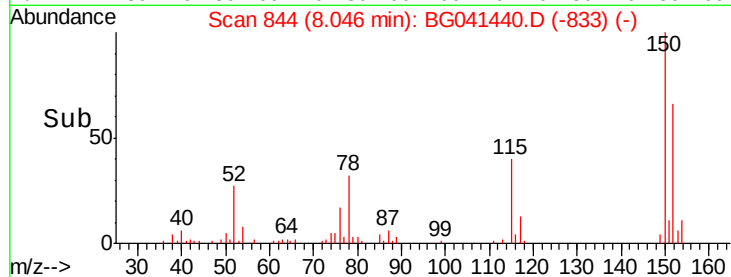
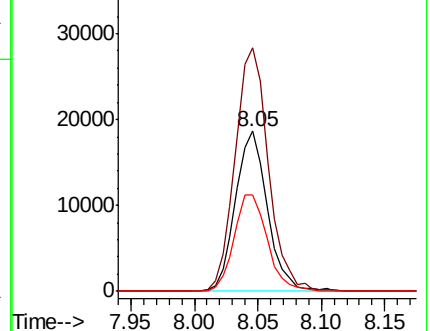
115 60.3 47.9 71.9



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: 89.554 ng

RT: 5.58 min Scan# 425

Delta R.T. -0.04 min

Lab File: BG041440.D

Acq: 25 Jun 2019 2:55

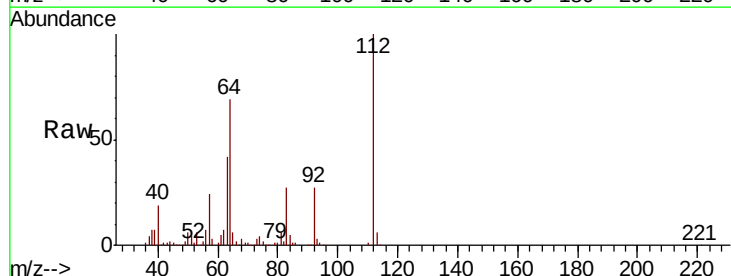
Tgt Ion:112 Resp: 158963

Ion Ratio Lower Upper

112 100

64 69.0 55.9 83.9

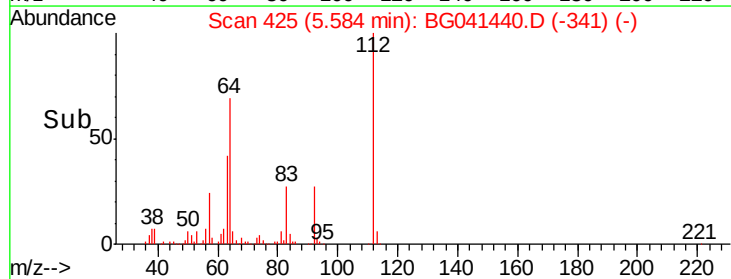
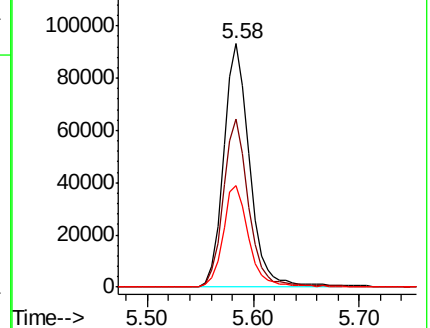
63 41.6 34.6 51.8

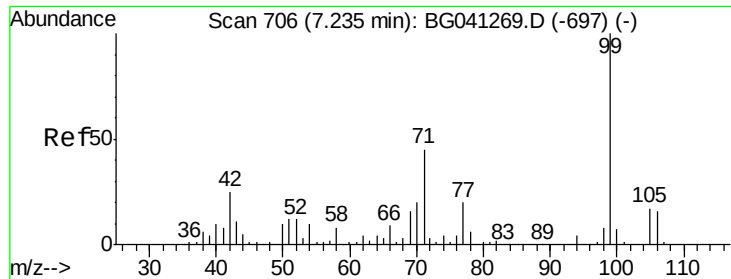


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 94.426 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.04 min

Lab File: BG041440.D

Acq: 25 Jun 2019 2:55

Instrument :

BNA_G

ClientSampled :

B-2(9-10)

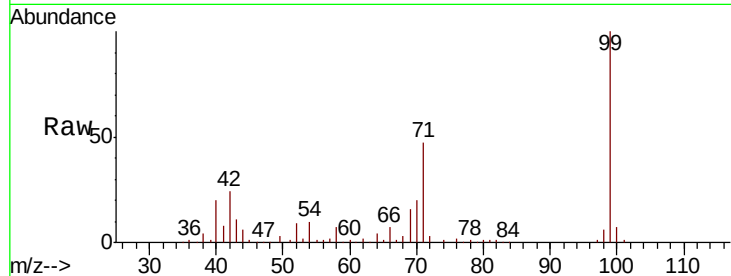
Tot Ion: 99 Resp: 242954

Ion Ratio Lower Upper

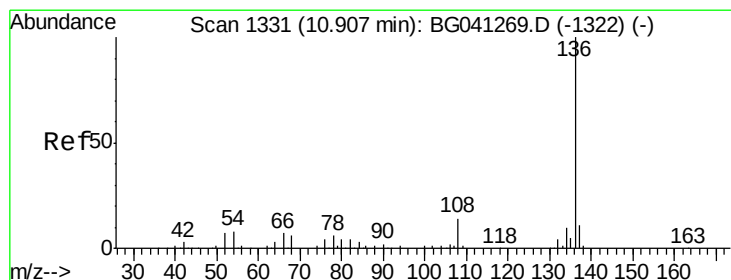
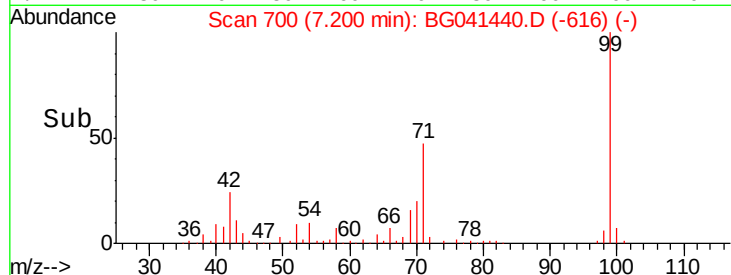
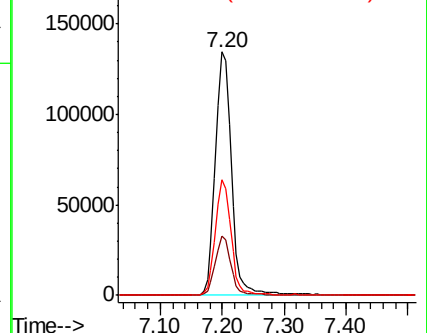
99 100

42 24.2 19.9 29.9

71 47.4 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: BG041440.D

Acq: 25 Jun 2019 2:55

Tgt Ion: 136 Resp: 133587

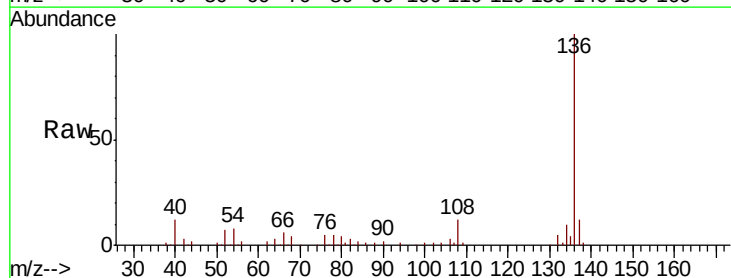
Ion Ratio Lower Upper

136 100

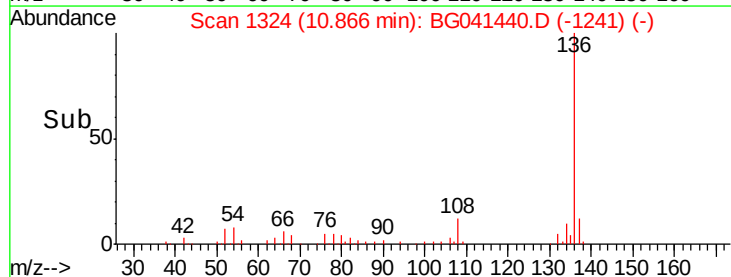
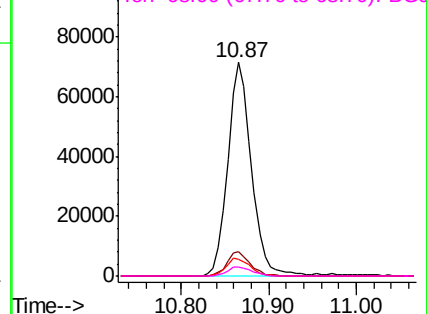
137 11.6 8.8 13.2

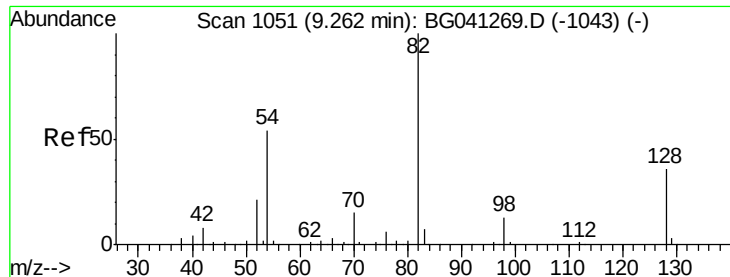
54 8.1 6.4 9.6

68 3.9 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

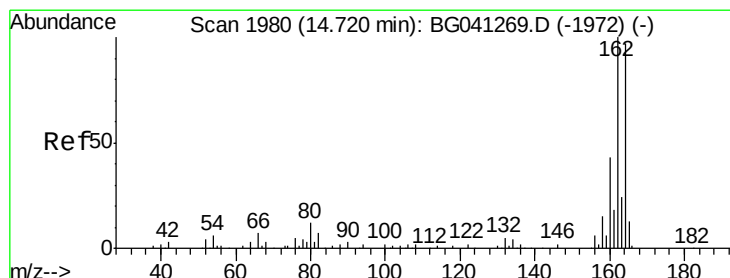
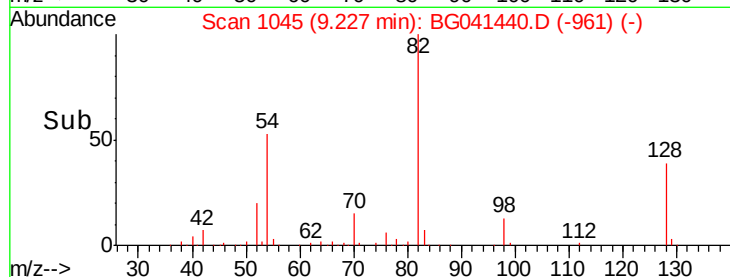
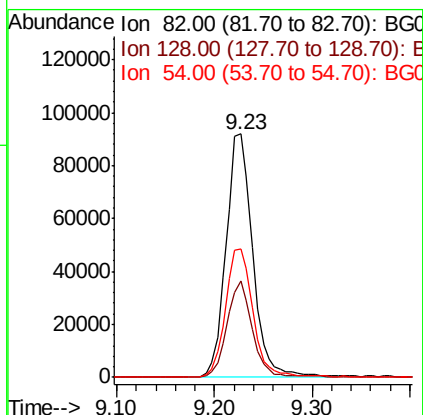
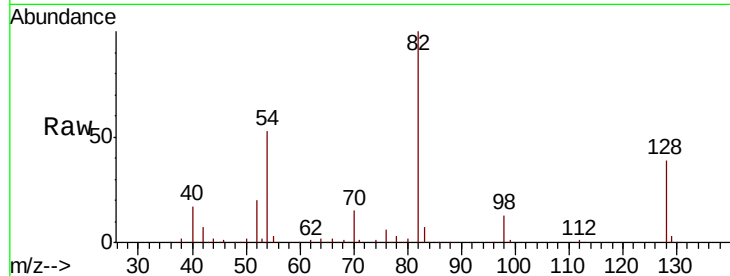




#23
 Nitrobenzene-d5
 Concen: 55.029 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.04 min
 Lab File: BG041440.D
 Acq: 25 Jun 2019 2:55

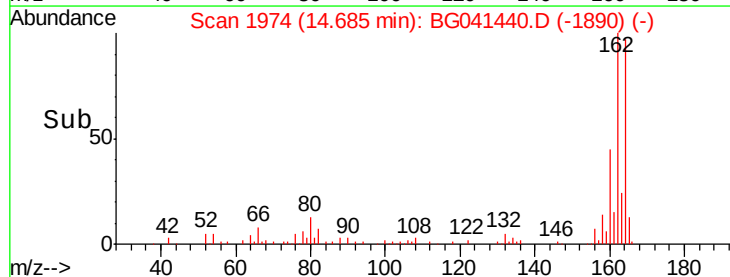
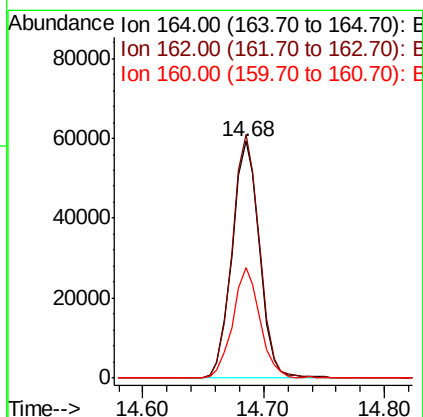
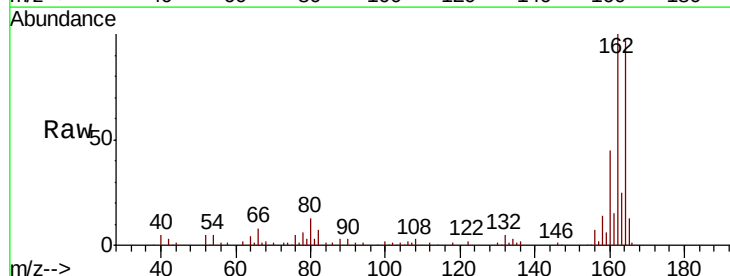
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)

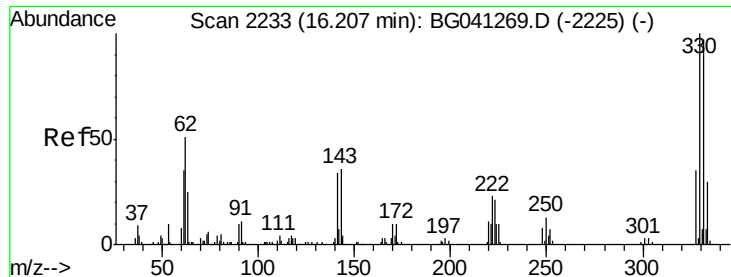
Tot Ion	82	Resp	174792
Ion Ratio	100	Lower	Upper
128	39.4	29.2	43.8
54	52.9	43.4	65.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1974
 Delta R.T. -0.04 min
 Lab File: BG041440.D
 Acq: 25 Jun 2019 2:55

Tgt Ion	164	Resp	93552
Ion Ratio	100	Lower	Upper
162	102.8	82.8	124.2
160	46.5	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 88.817 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.03 min

Lab File: BG041440.D

Acq: 25 Jun 2019 2:55

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)

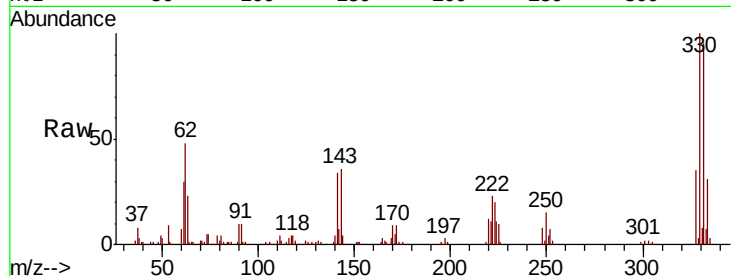
Tot Ion:330 Resp: 127562

Ion Ratio Lower Upper

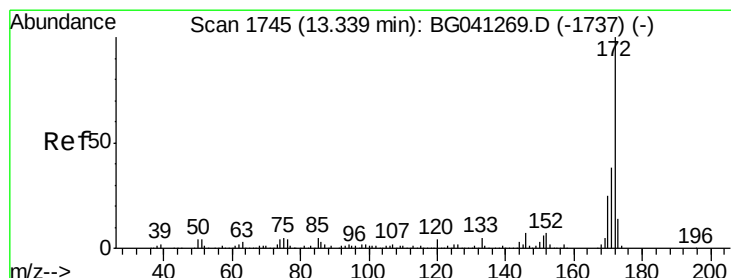
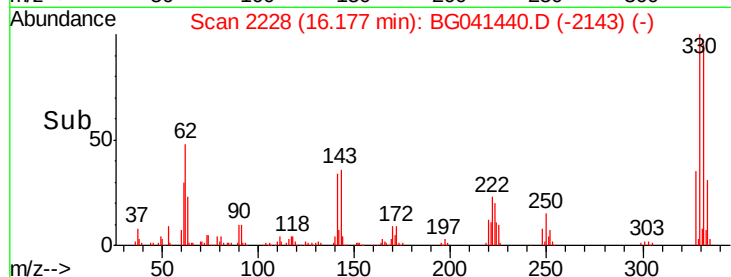
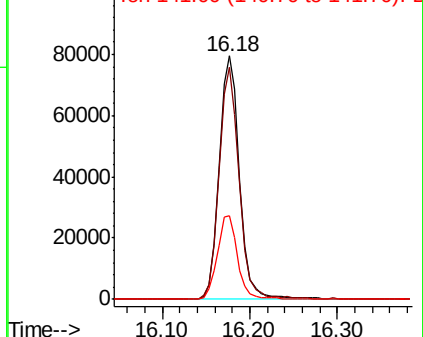
330 100

332 94.5 75.5 113.3

141 34.3 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: 61.336 ng

RT: 13.30 min Scan# 1739

Delta R.T. -0.04 min

Lab File: BG041440.D

Acq: 25 Jun 2019 2:55

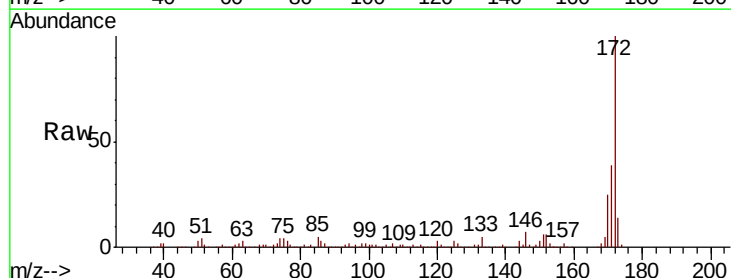
Tgt Ion:172 Resp: 422183

Ion Ratio Lower Upper

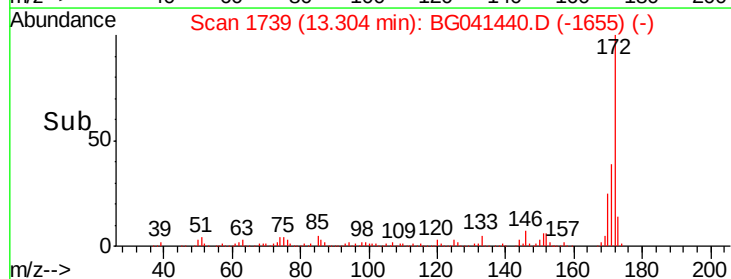
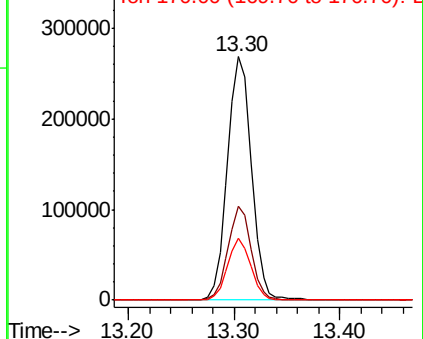
172 100

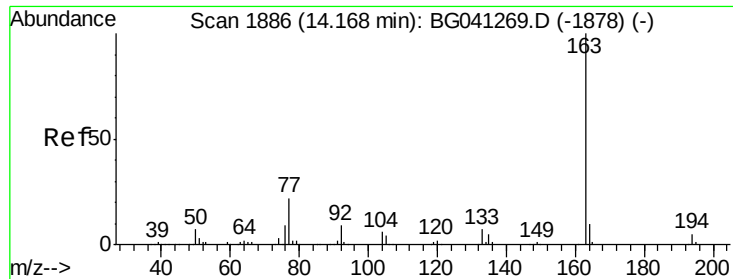
171 38.8 30.0 45.0

170 25.2 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: 10.855 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.04 min

Lab File: BG041440.D

Acq: 25 Jun 2019 2:55

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)

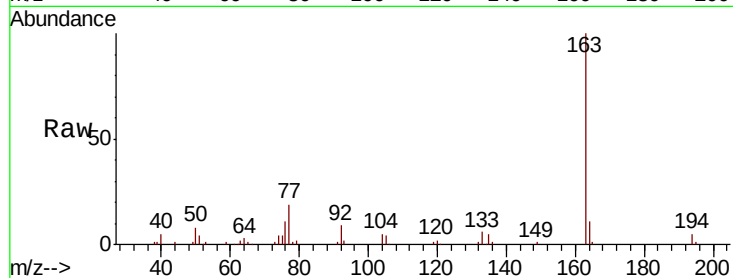
Tot Ion:163 Resp: 90356

Ion Ratio Lower Upper

163 100

194 4.6 3.9 5.9

164 10.8 8.3 12.5

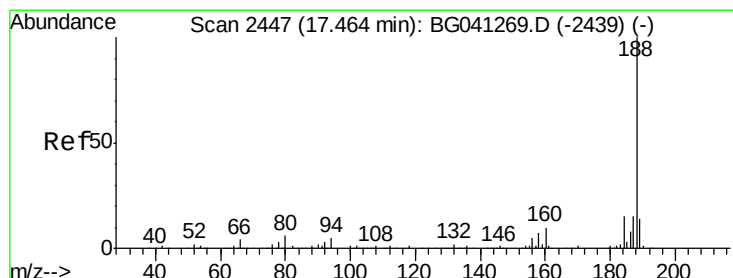
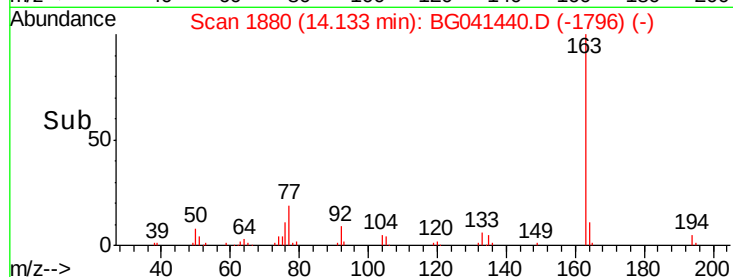
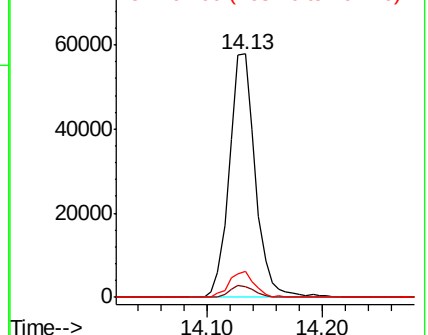


Abundance

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# 2442

Delta R.T. -0.03 min

Lab File: BG041440.D

Acq: 25 Jun 2019 2:55

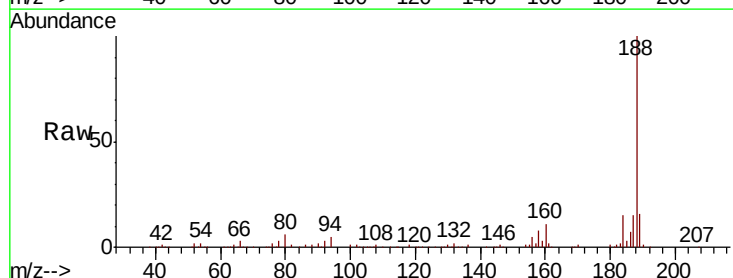
Tgt Ion:188 Resp: 224334

Ion Ratio Lower Upper

188 100

94 5.1 3.6 5.4

80 5.7 4.8 7.2

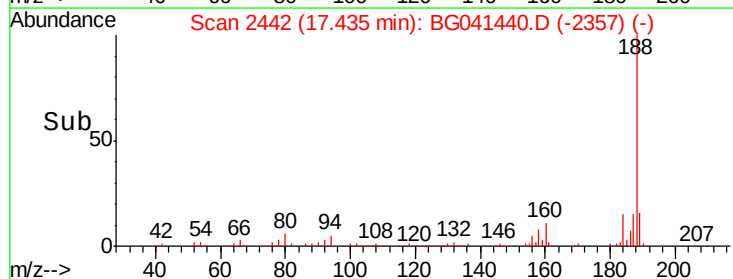
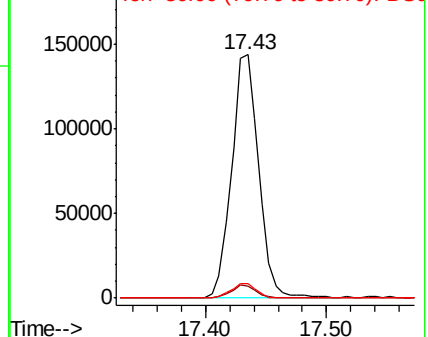


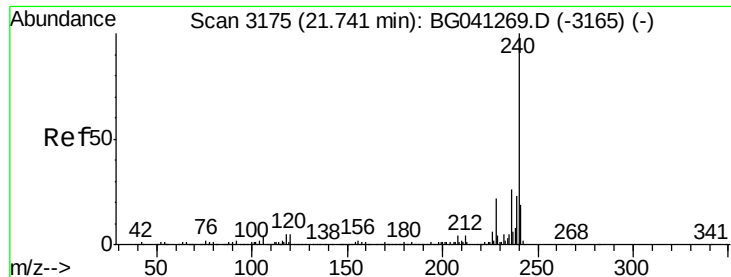
Abundance

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: 21.71 min Scan# 3169

Delta R.T. -0.04 min

Lab File: BG041440.D

Acq: 25 Jun 2019 2:55

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)

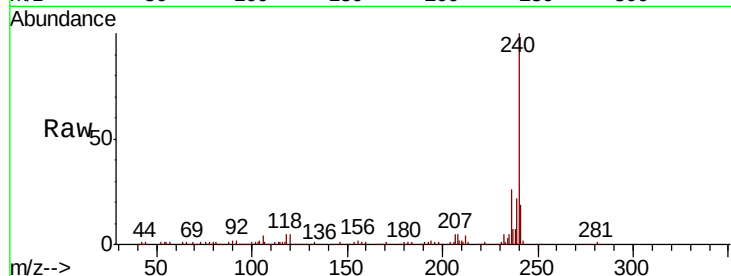
Tot Ion:240 Resp: 215603

Ion Ratio Lower Upper

240 100

120 4.6 3.7 5.5

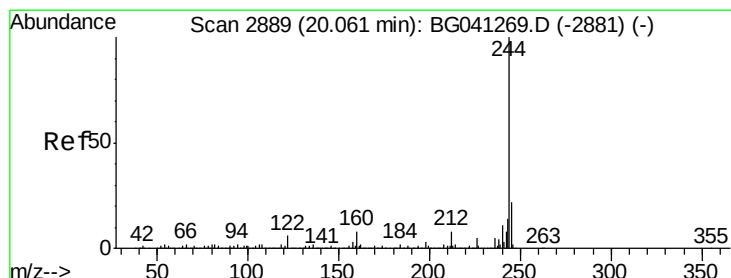
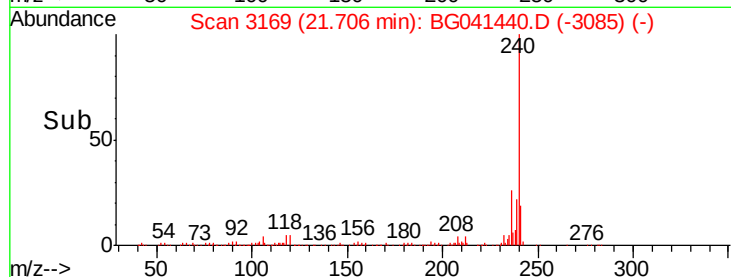
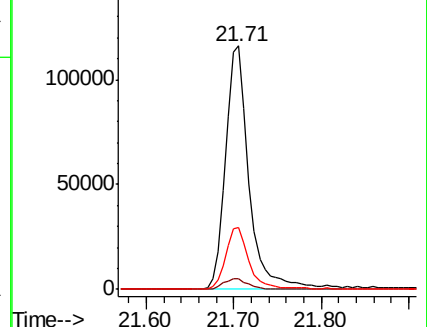
236 25.6 21.1 31.7



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: 63.464 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.03 min

Lab File: BG041440.D

Acq: 25 Jun 2019 2:55

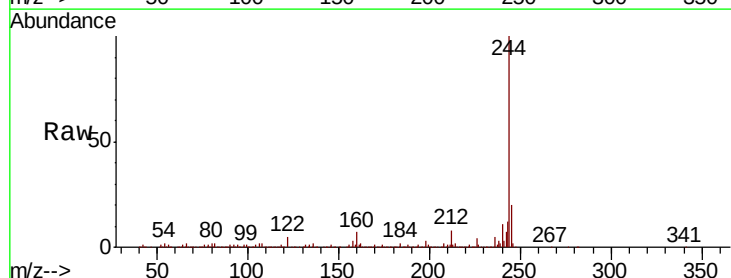
Tgt Ion:244 Resp: 690441

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

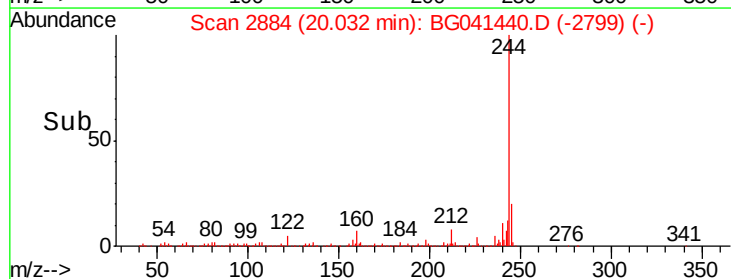
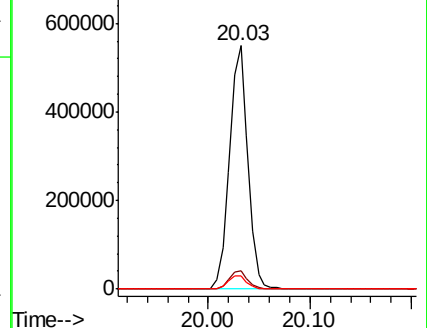
122 5.4 5.0 7.4

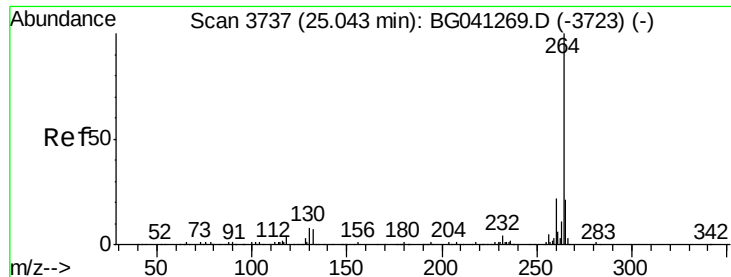


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG041440.D
 Acq: 25 Jun 2019 2:55

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.2
265	22.1	17.2	25.8

