

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
 Data File : BG020116.D
 Acq On : 11 Dec 2015 21:25
 Operator : UM/SJ
 Sample : G4729-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-19

Quant Time: Dec 11 23:33:15 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	19663	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	83192	20.00	ng	-0.03
38) Acenaphthene-d10	14.73	164	60744	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	155710	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	187213	20.00	ng	-0.05
86) Perylene-d12	25.00	264	174957	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	69113	63.53	ng	-0.02
7) Phenol-d6	7.25	99	66718	40.62	ng	-0.02
23) Nitrobenzene-d5	9.27	82	147626	90.56	ng	-0.03
41) 2,4,6-Tribromophenol	16.21	330	131456	141.44	ng	-0.03
44) 2-Fluorobiphenyl	13.36	172	390794	87.84	ng	-0.03
78) Terphenyl-d14	20.07	244	706656	92.07	ng	-0.04

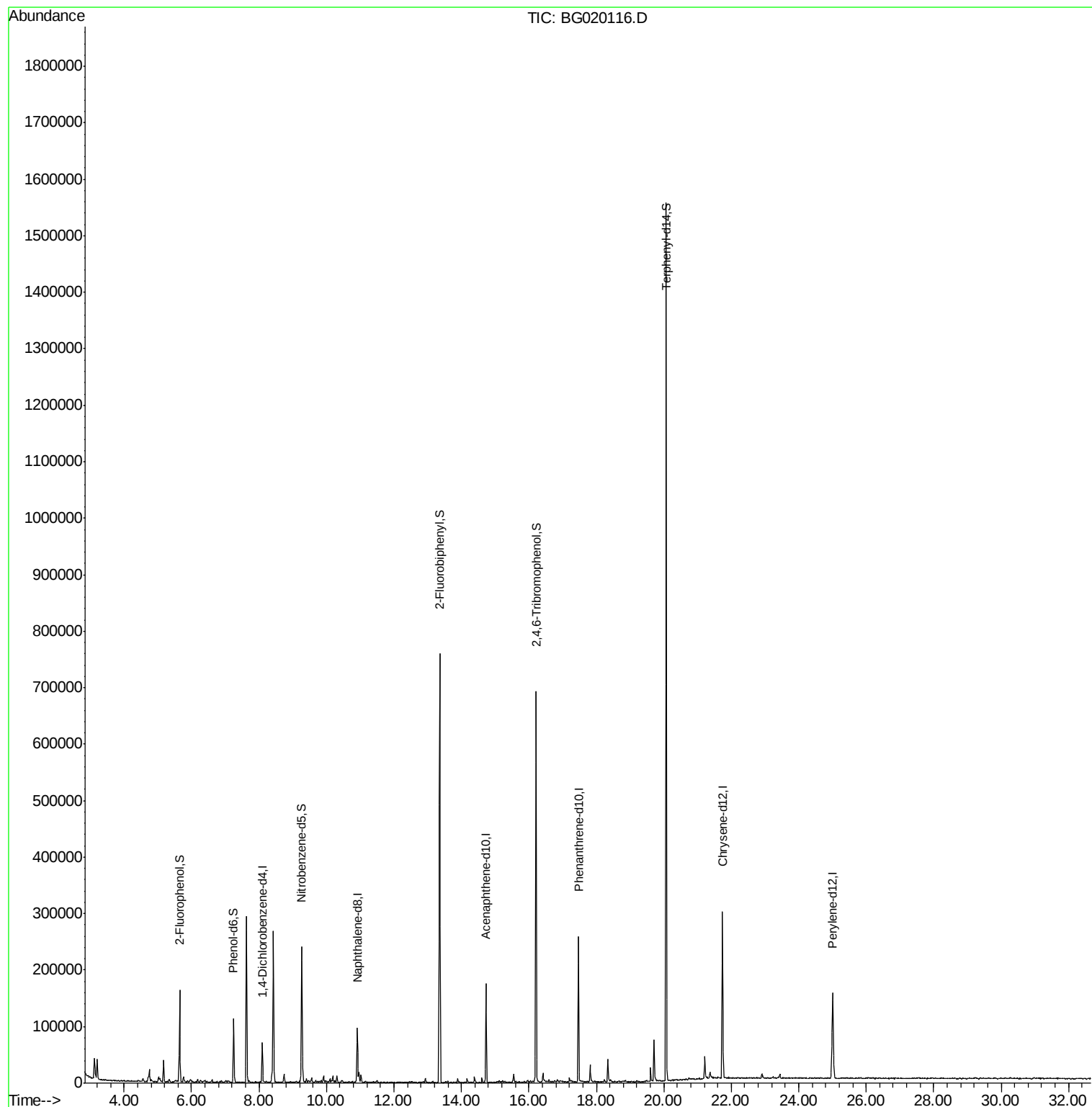
Target Compounds Qvalue

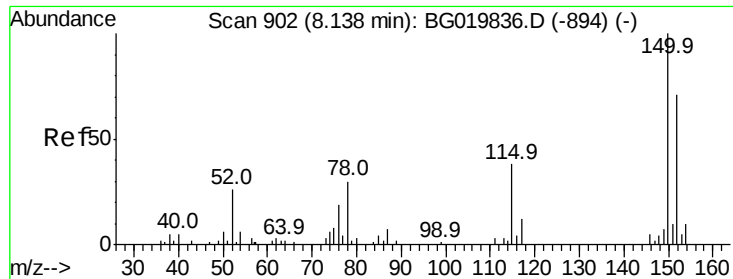
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.03 min

Lab File: BG020116.D

Acq: 11 Dec 2015 21:25

Instrument :

BNA_G

ClientSampleId :

W-19

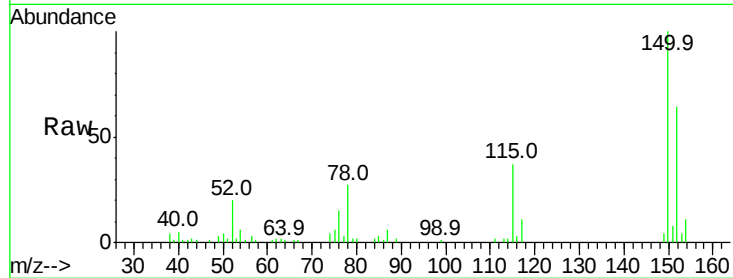
Tot Ion:152 Resp: 19663

Ion Ratio Lower Upper

152 100

150 155.3 115.0 172.4

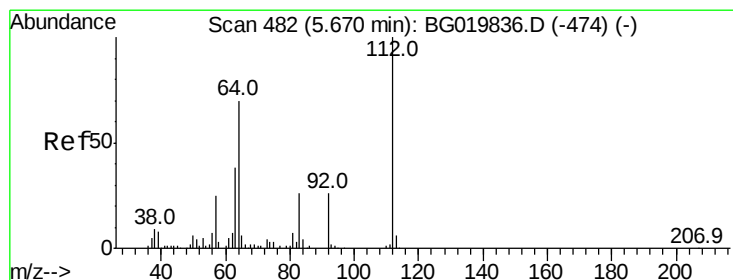
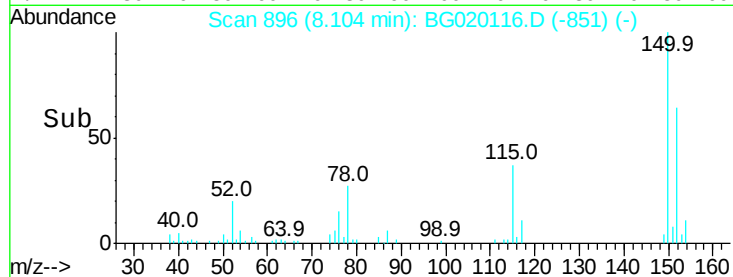
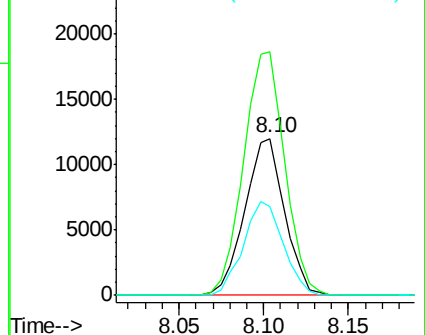
115 56.8 43.9 65.9



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: 63.53 ng

RT: 5.65 min Scan# 478

Delta R.T. -0.02 min

Lab File: BG020116.D

Acq: 11 Dec 2015 21:25

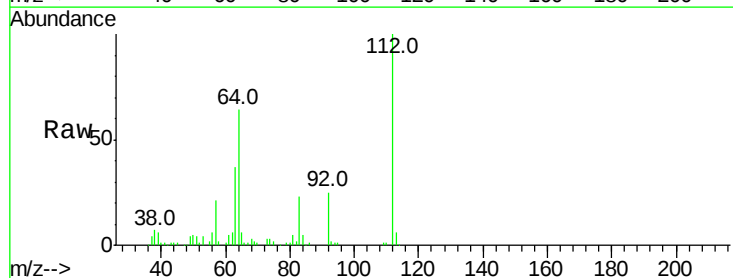
Tgt Ion:112 Resp: 69113

Ion Ratio Lower Upper

112 100

64 63.7 43.7 65.5

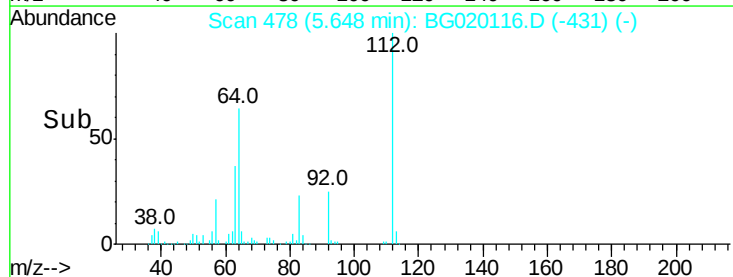
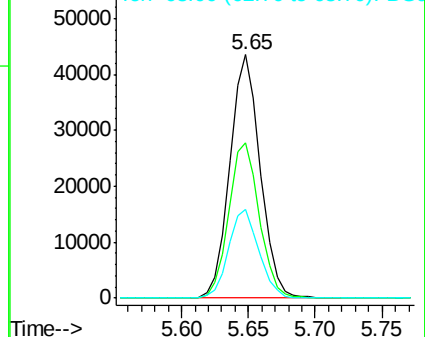
63 36.6 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 40.62 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG020116.D

Acq: 11 Dec 2015 21:25

Instrument :

BNA_G

ClientSampleId :

W-19

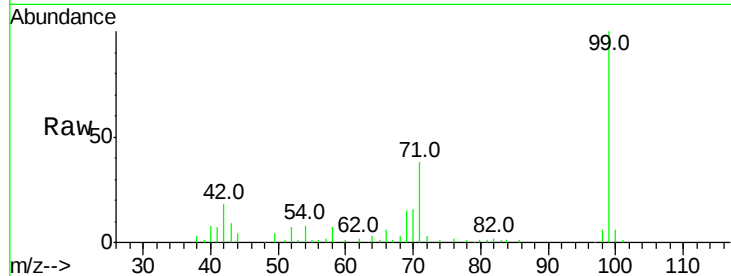
Tot Ion: 99 Resp: 66718

Ion Ratio Lower Upper

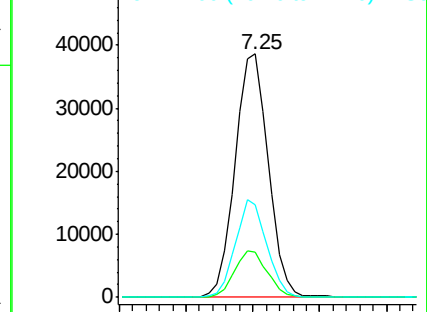
99 100

42 18.3 11.5 17.3#

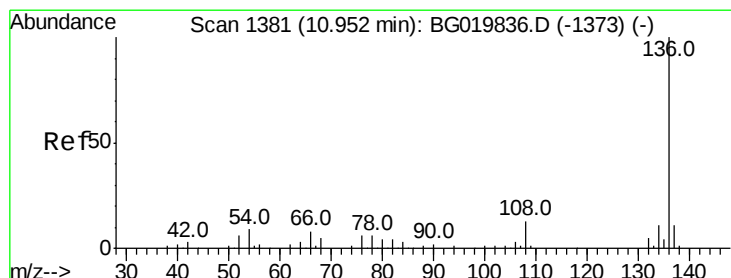
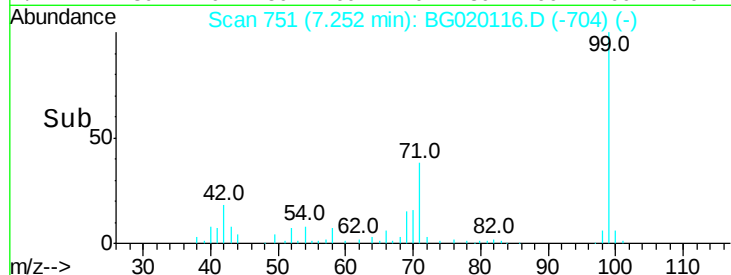
71 37.9 22.6 34.0#



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



Time--> 7.15 7.20 7.25 7.30 7.35



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.92 min Scan# 1375

Delta R.T. -0.03 min

Lab File: BG020116.D

Acq: 11 Dec 2015 21:25

Tgt Ion: 136 Resp: 83192

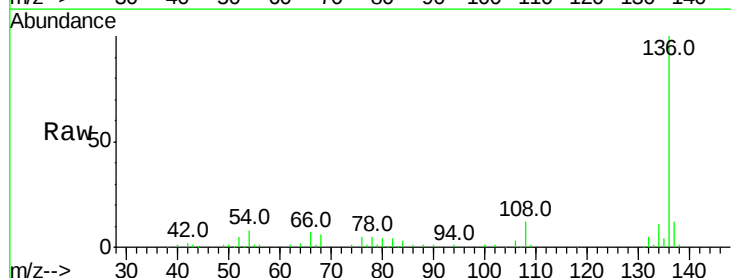
Ion Ratio Lower Upper

136 100

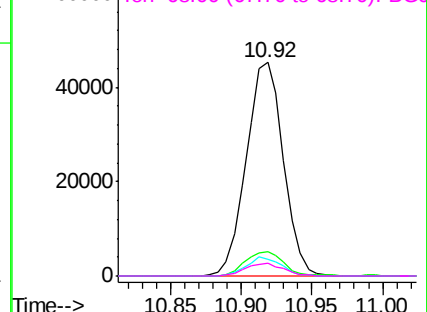
137 11.7 8.6 12.8

54 8.0 5.4 8.2

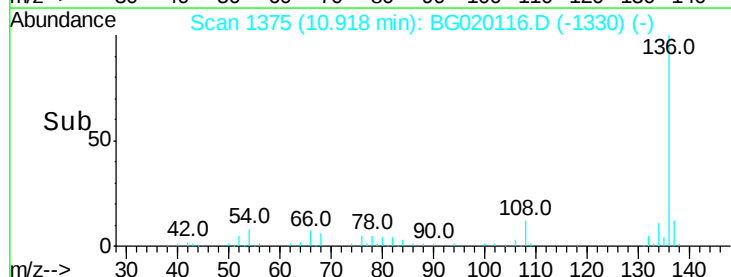
68 5.8 5.3 7.9



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



Time--> 10.85 10.90 10.95 11.00





#23

Nitrobenzene-d5

Concen: 90.56 ng

RT: 9.27 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BG020116.D

Acq: 11 Dec 2015 21:25

Instrument :

BNA_G

ClientSampleId :

W-19

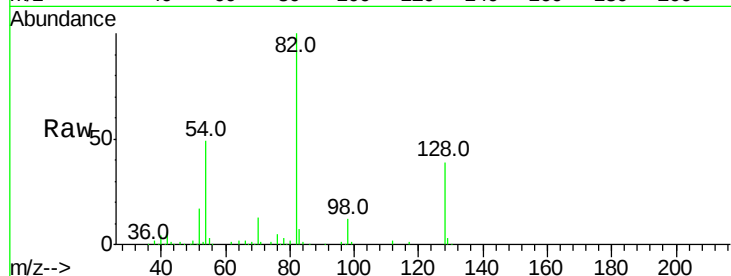
Tot Ion: 82 Resp: 147626

Ion Ratio Lower Upper

82 100

128 39.2 36.7 55.1

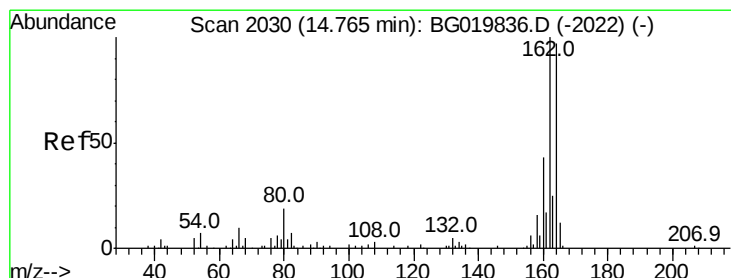
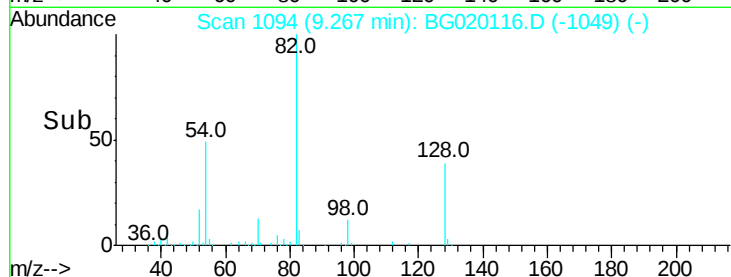
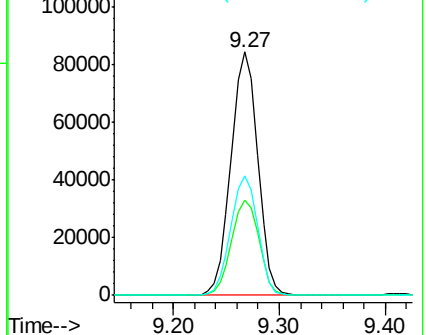
54 48.9 33.8 50.8



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 2023

Delta R.T. -0.04 min

Lab File: BG020116.D

Acq: 11 Dec 2015 21:25

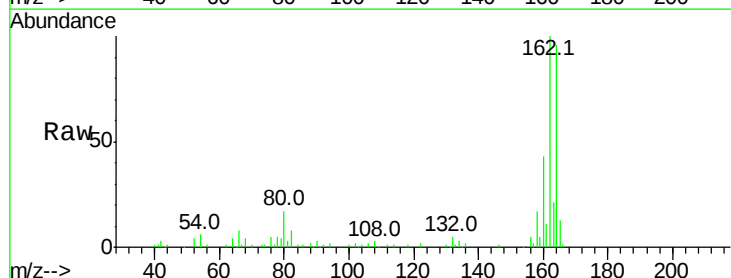
Tgt Ion:164 Resp: 60744

Ion Ratio Lower Upper

164 100

162 104.7 78.8 118.2

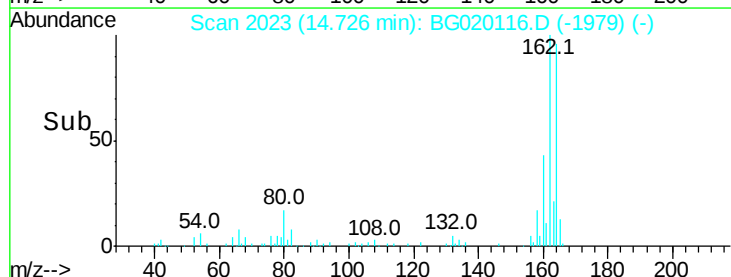
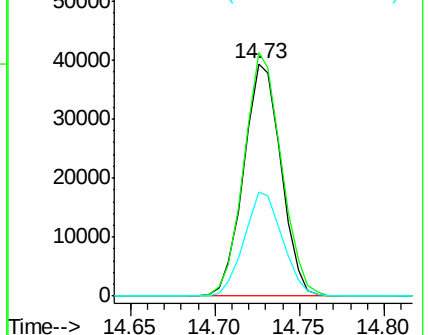
160 44.5 36.4 54.6



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





#41

2,4,6-Tribromophenol

Concen: 141.44 ng

RT: 16.21 min Scan# 2276

Delta R.T. -0.03 min

Lab File: BG020116.D

Acq: 11 Dec 2015 21:25

Instrument :

BNA_G

ClientSampleId :

W-19

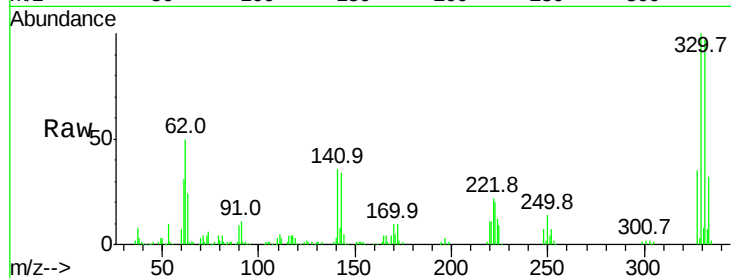
Tot Ion:330 Resp: 131456

Ion Ratio Lower Upper

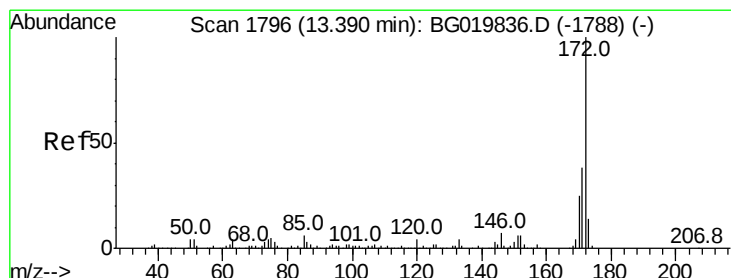
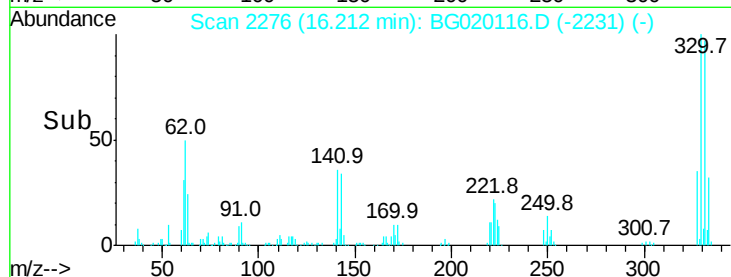
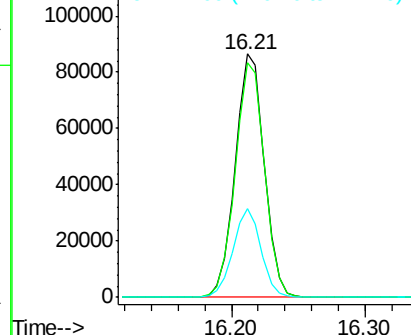
330 100

332 97.0 78.1 117.1

141 35.0 28.2 42.2



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



#44

2-Fluorobiphenyl

Concen: 87.84 ng

RT: 13.36 min Scan# 1790

Delta R.T. -0.03 min

Lab File: BG020116.D

Acq: 11 Dec 2015 21:25

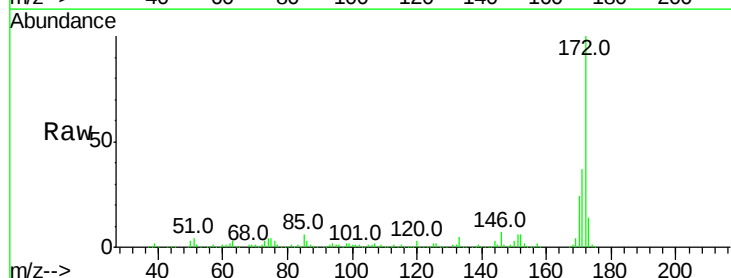
Tgt Ion:172 Resp: 390794

Ion Ratio Lower Upper

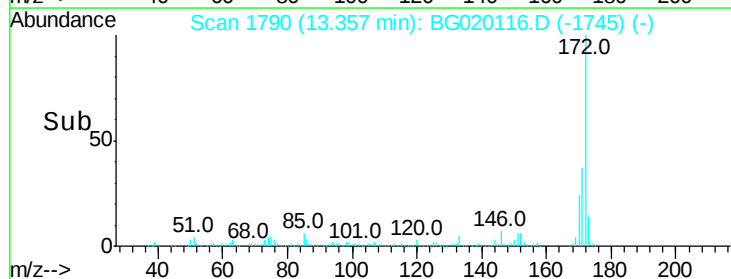
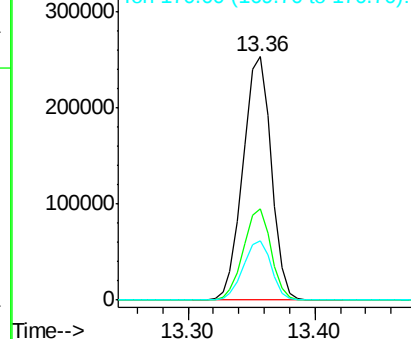
172 100

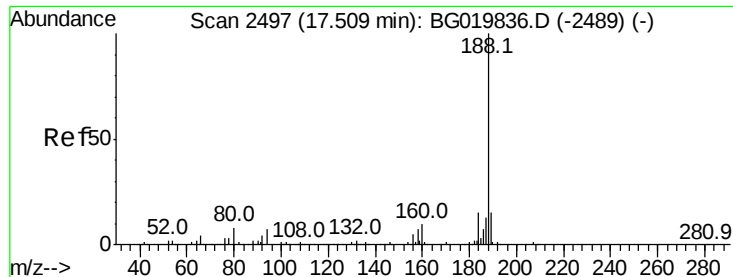
171 37.3 29.0 43.6

170 24.5 19.9 29.9



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

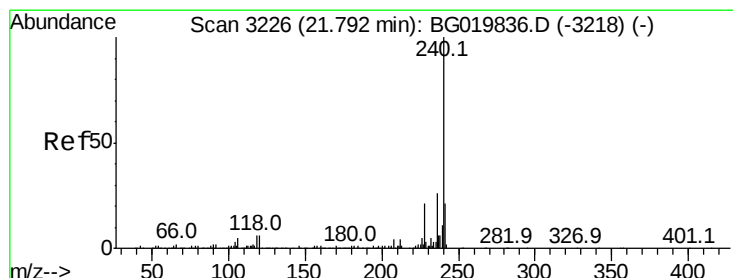
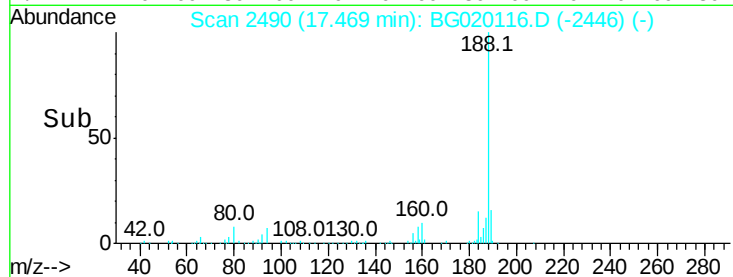
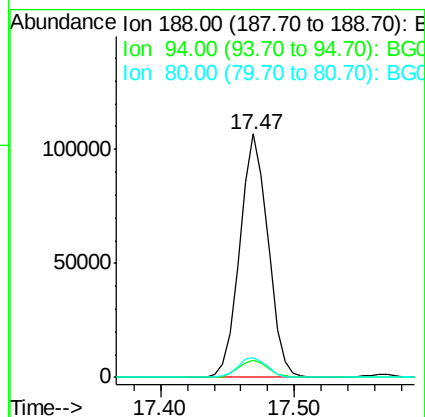
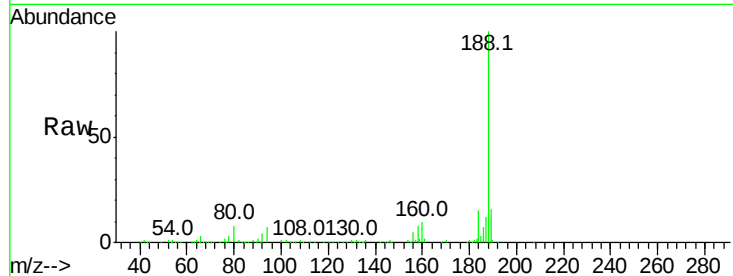




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2490
Delta R.T. -0.04 min
Lab File: BG020116.D
Acq: 11 Dec 2015 21:25

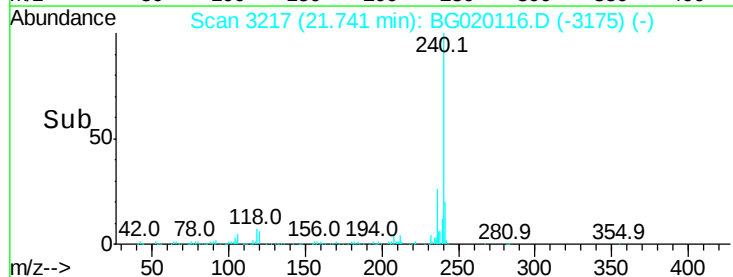
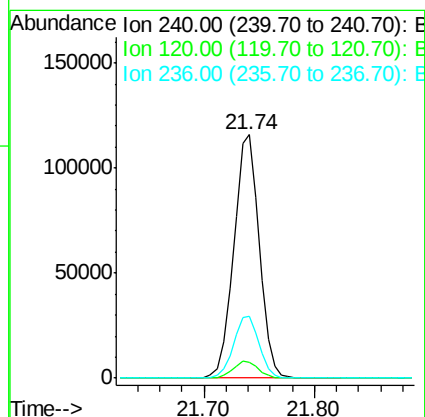
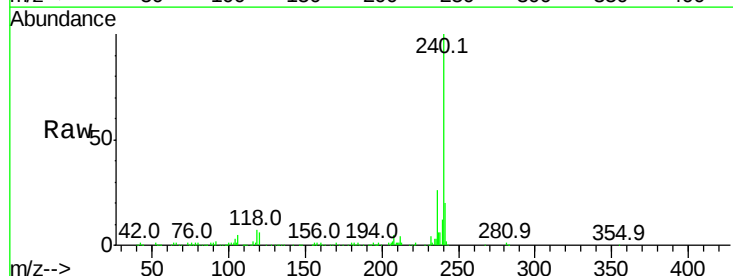
Instrument :
BNA_G
ClientSampleId :
W-19

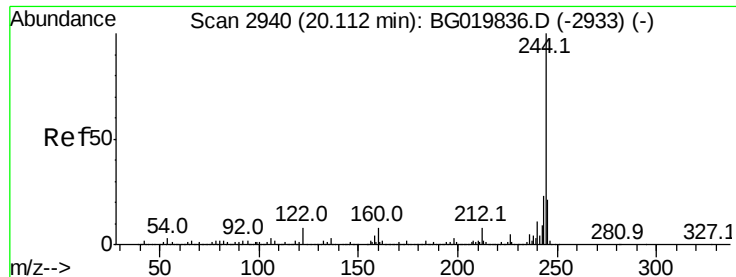
Tot Ion:188 Resp: 155710
Ion Ratio Lower Upper
188 100
94 7.0 7.7 11.5#
80 8.0 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.05 min
Lab File: BG020116.D
Acq: 11 Dec 2015 21:25

Tgt Ion:240 Resp: 187213
Ion Ratio Lower Upper
240 100
120 6.5 7.4 11.0#
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 92.07 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.04 min

Lab File: BG020116.D

Acq: 11 Dec 2015 21:25

Instrument :

BNA_G

ClientSampleId :

W-19

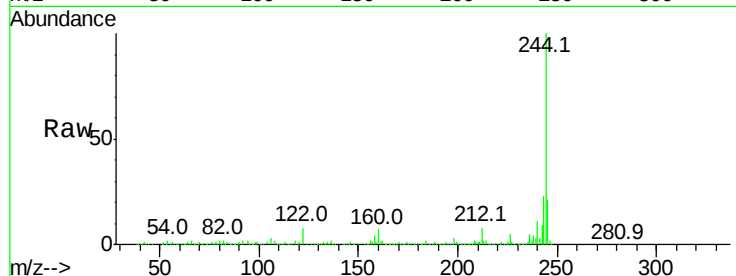
Tot Ion:244 Resp: 706656

Ion Ratio Lower Upper

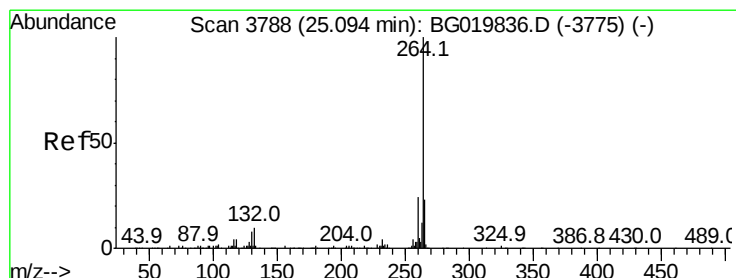
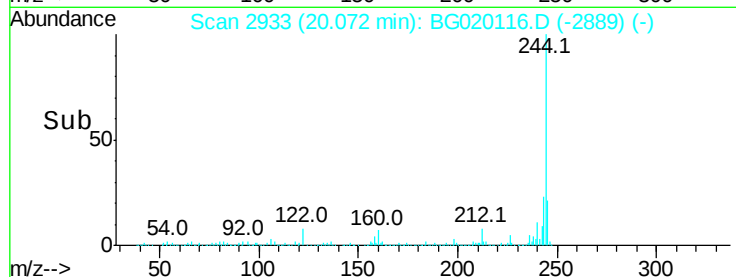
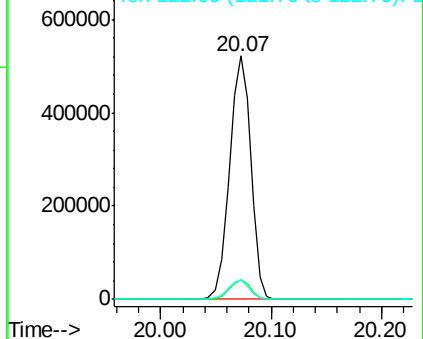
244 100

212 8.3 6.9 10.3

122 8.1 10.2 15.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.00 min Scan# 3772

Delta R.T. -0.09 min

Lab File: BG020116.D

Acq: 11 Dec 2015 21:25

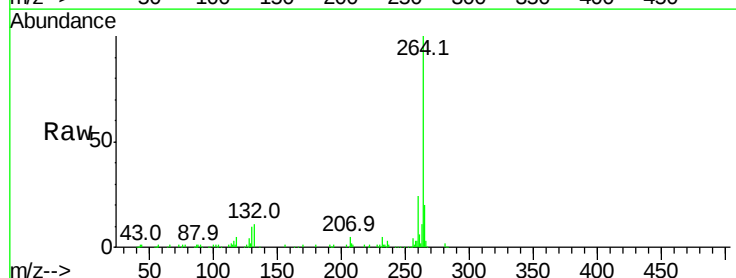
Tgt Ion:264 Resp: 174957

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 20.3 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

