

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019908.D
 Acq On : 4 Dec 2015 17:06
 Operator : UM/NP
 Sample : G4642-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-04

Quant Time: Dec 04 22:18:22 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	8.12	152	28616	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	124574	20.00	ng	-0.01
38) Acenaphthene-d10	14.74	164	89704	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	219323	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	265938	20.00	ng	-0.03
86) Perylene-d12	25.05	264	251387	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	87570	55.31	ng	0.00
7) Phenol-d6	7.26	99	77823	32.55	ng	-0.01
23) Nitrobenzene-d5	9.29	82	233777	95.77	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	185671	135.28	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	587486	89.42	ng	-0.01
78) Terphenyl-d14	20.09	244	872453	80.02	ng	-0.02

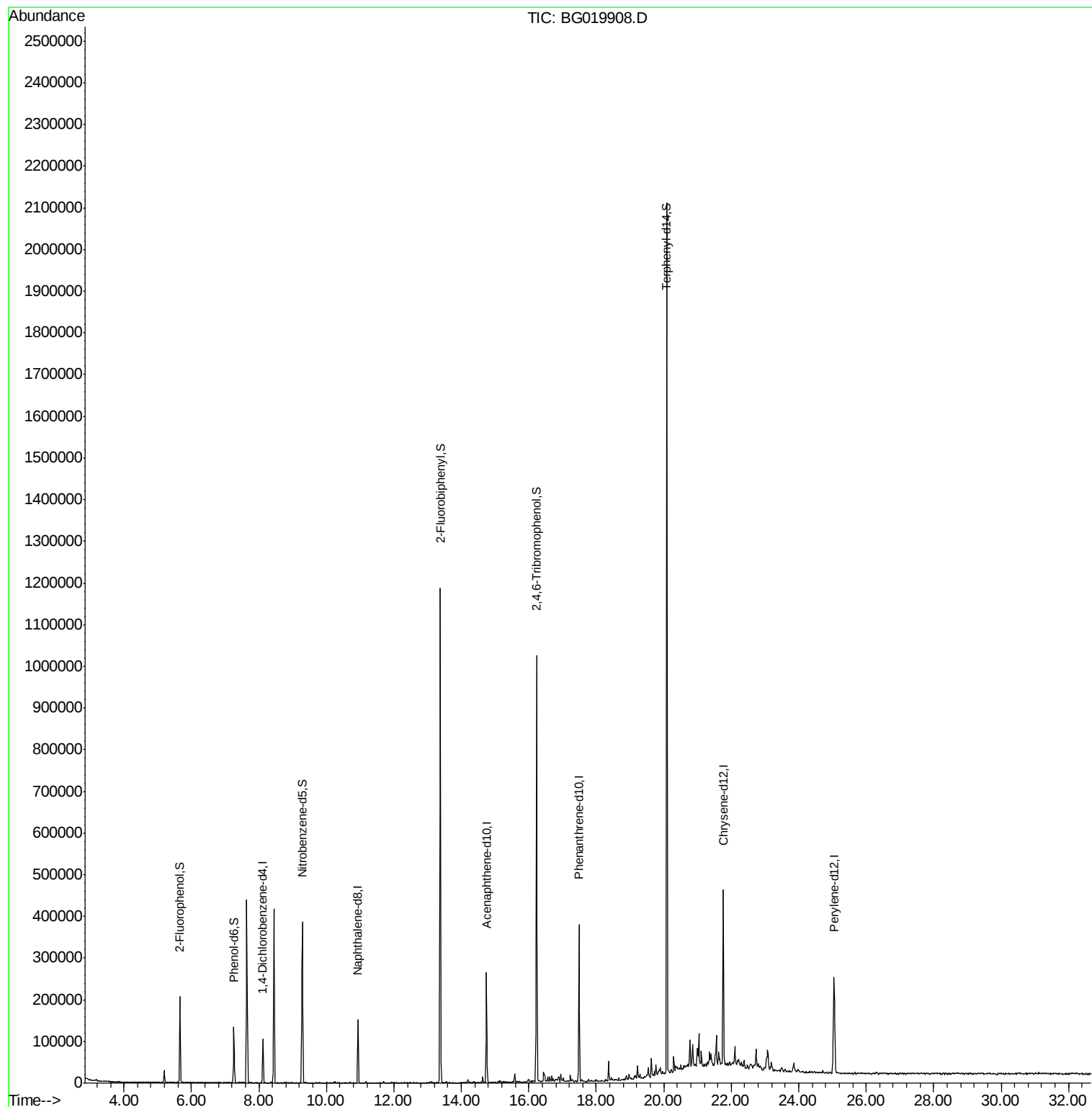
Target Compounds Qvalue

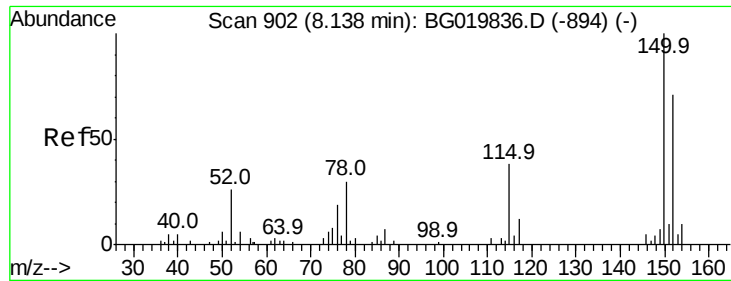
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019908.D

Acq: 4 Dec 2015 17:06

Instrument :

BNA_G

ClientSampleId :

TW-04

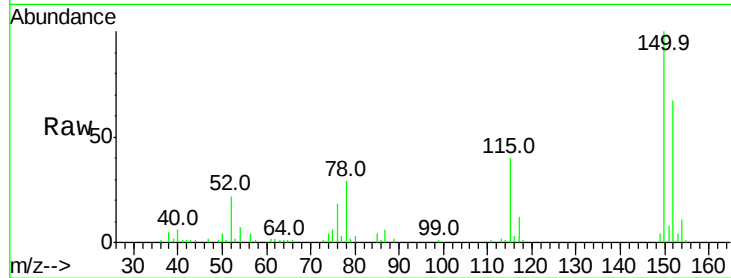
Tot Ion:152 Resp: 28616

Ion Ratio Lower Upper

152 100

150 149.0 115.0 172.4

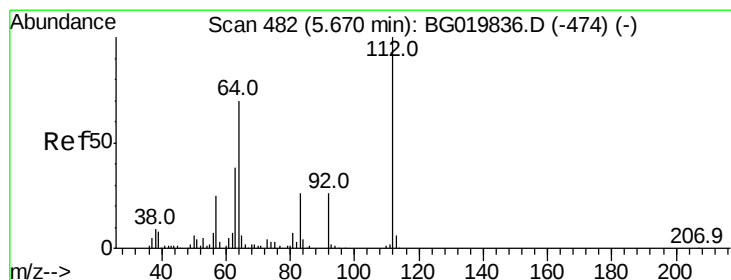
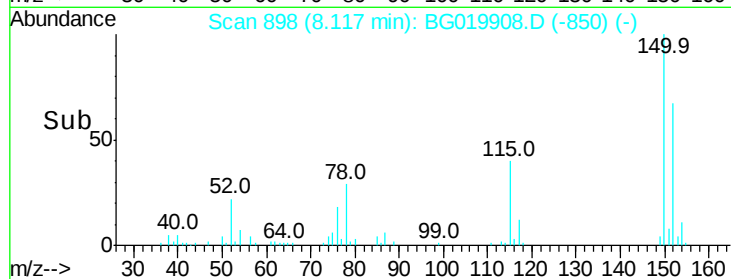
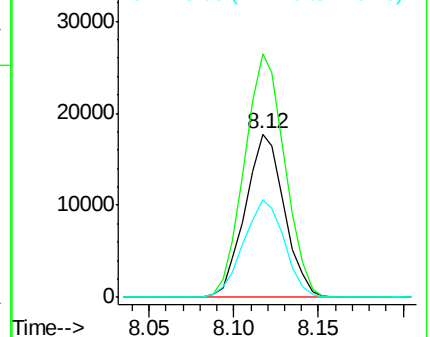
115 59.5 43.9 65.9



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: 55.31 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019908.D

Acq: 4 Dec 2015 17:06

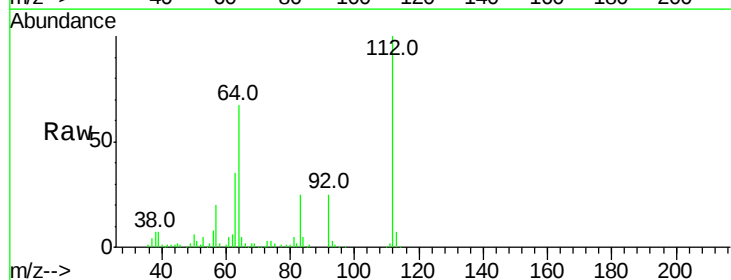
Tgt Ion:112 Resp: 87570

Ion Ratio Lower Upper

112 100

64 67.1 43.7 65.5#

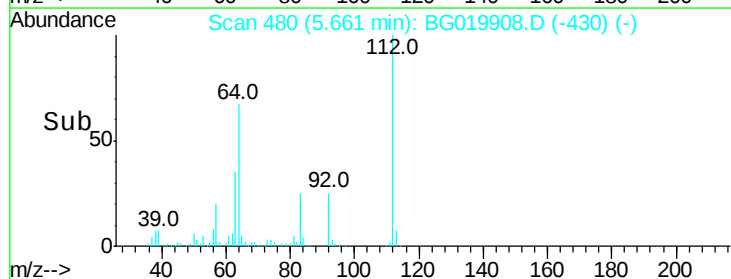
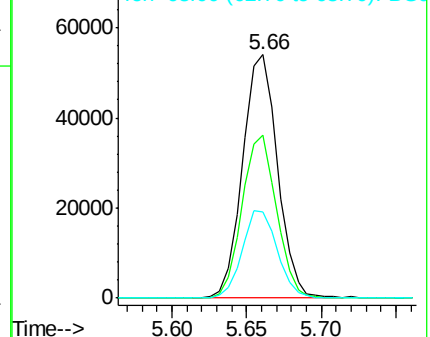
63 35.2 24.0 36.0



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: 32.55 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG019908.D

Acq: 4 Dec 2015 17:06

Instrument :

BNA_G

ClientSampleId :

TW-04

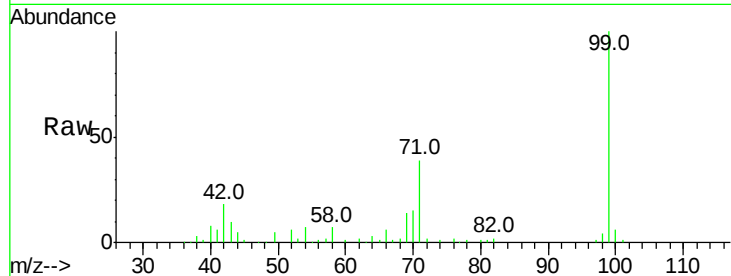
Tot Ion: 99 Resp: 77823

Ion Ratio Lower Upper

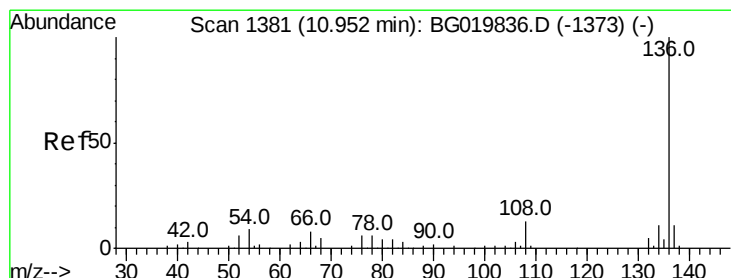
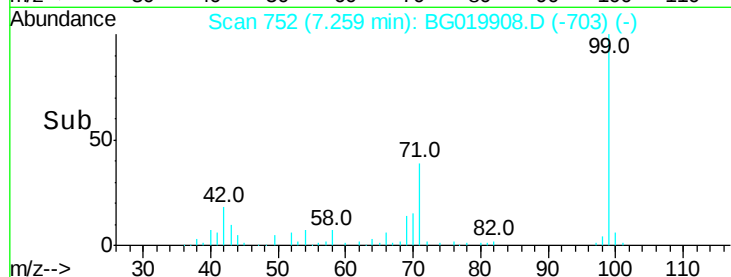
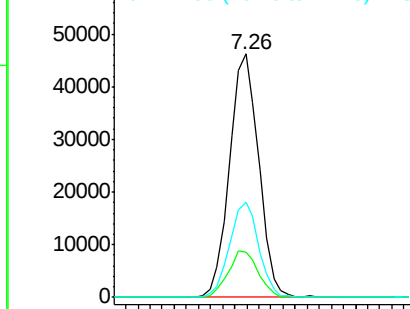
99 100

42 18.4 11.5 17.3#

71 39.2 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BG019908.D

Acq: 4 Dec 2015 17:06

Tgt Ion: 136 Resp: 124574

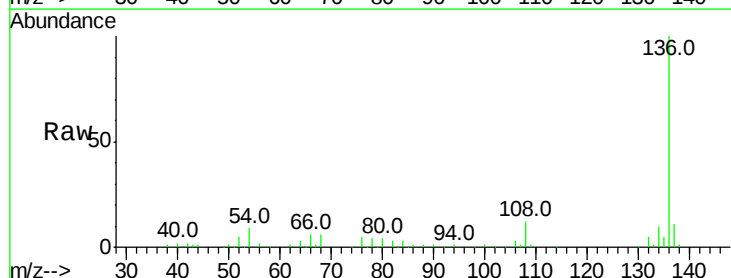
Ion Ratio Lower Upper

136 100

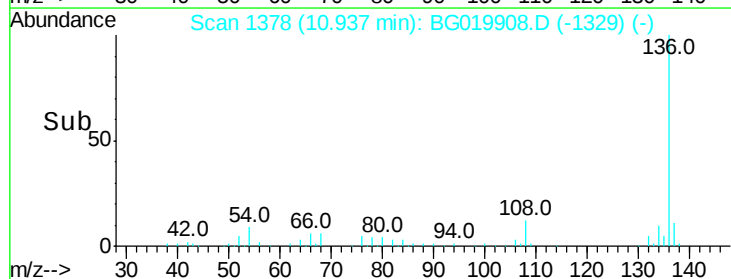
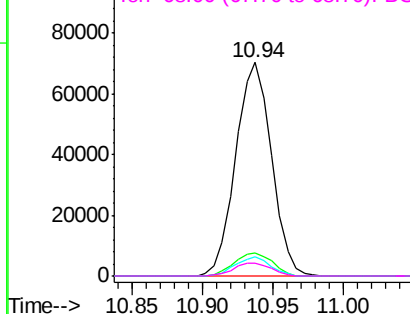
137 10.8 8.6 12.8

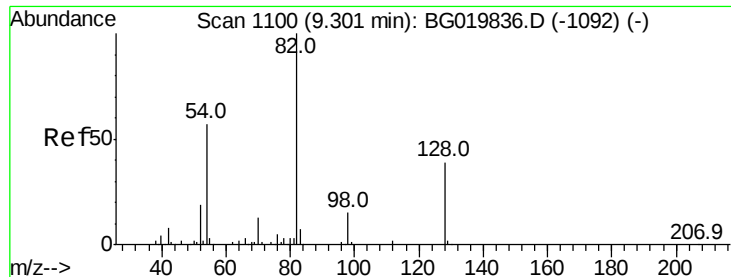
54 9.0 5.4 8.2#

68 6.0 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

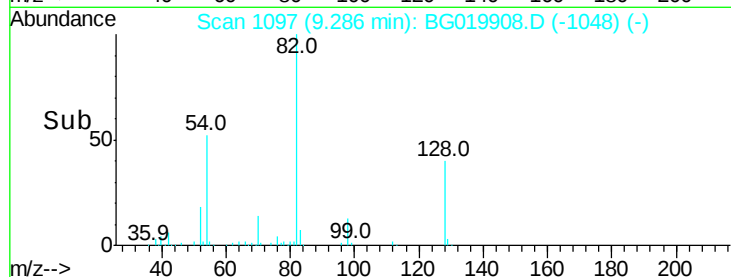
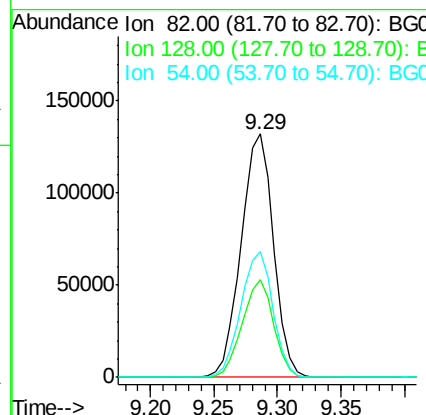
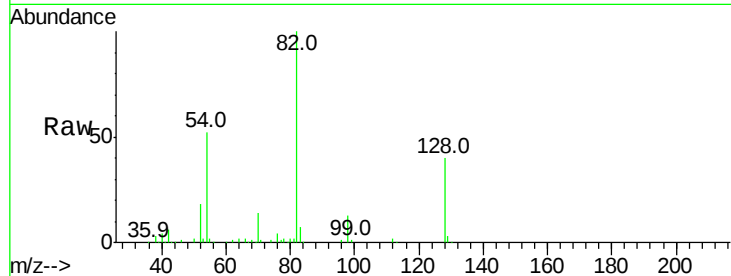




#23
Nitrobenzene-d5
Concen: 95.77 ng
RT: 9.29 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BG019908.D
Acq: 4 Dec 2015 17:06

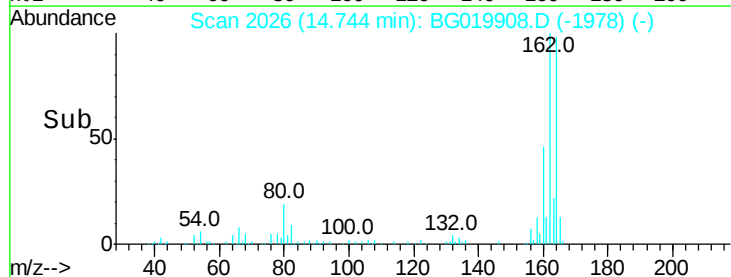
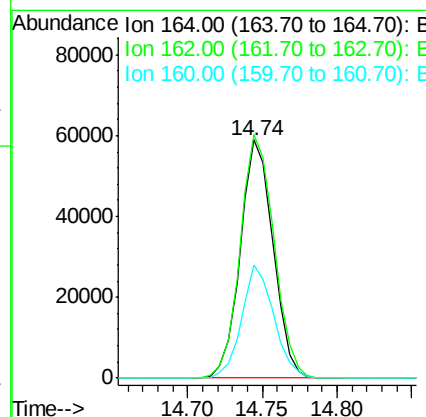
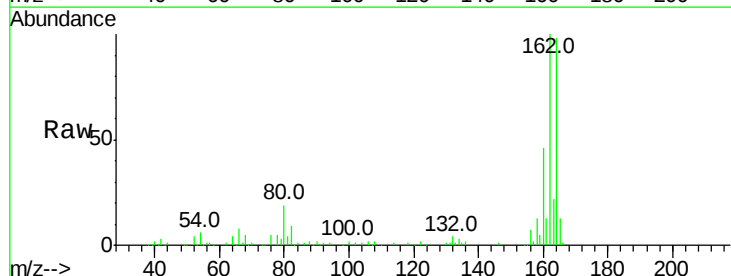
Instrument :
BNA_G
ClientSampleId :
TW-04

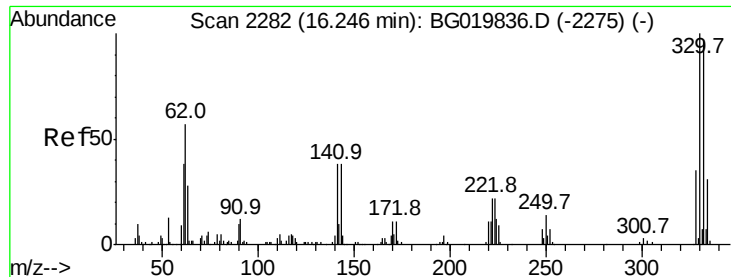
Tot Ion: 82 Resp: 233777
Ion Ratio Lower Upper
82 100
128 40.2 36.7 55.1
54 51.7 33.8 50.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019908.D
Acq: 4 Dec 2015 17:06

Tgt Ion: 164 Resp: 89704
Ion Ratio Lower Upper
164 100
162 102.3 78.8 118.2
160 47.3 36.4 54.6

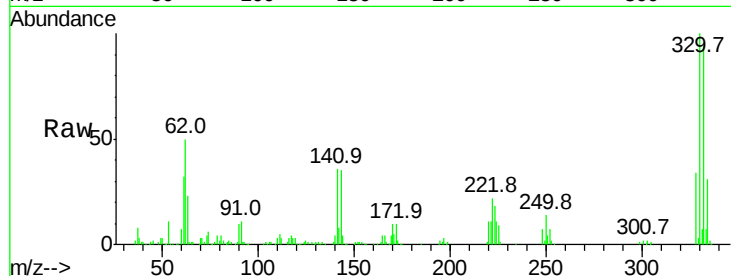




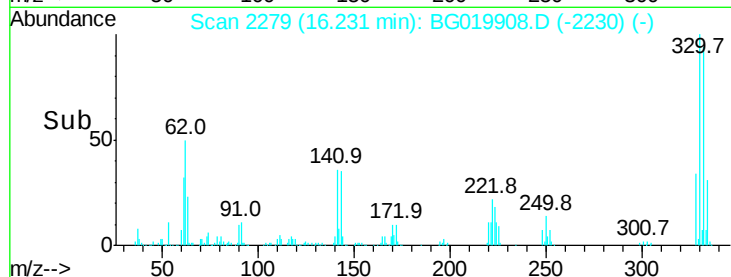
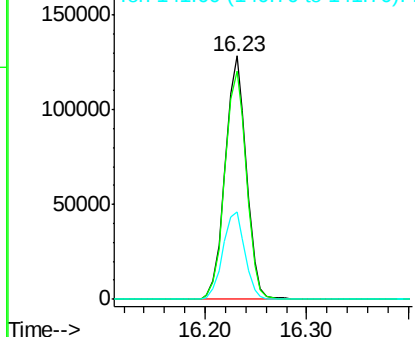
#41
 2,4,6-Tribromophenol
 Concen: 135.28 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG019908.D
 Acq: 4 Dec 2015 17:06

Instrument :
 BNA_G
 ClientSampleId :
 TW-04

Tot Ion:330 Resp: 185671
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.1 117.1
 141 37.4 28.2 42.2

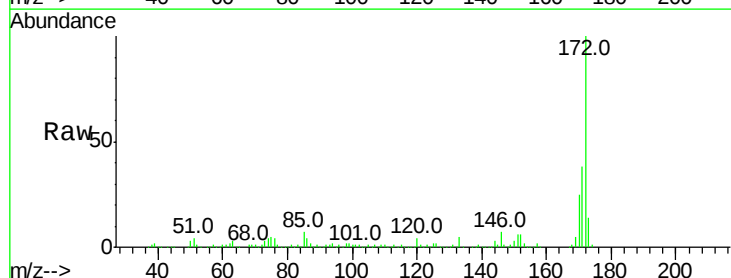


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

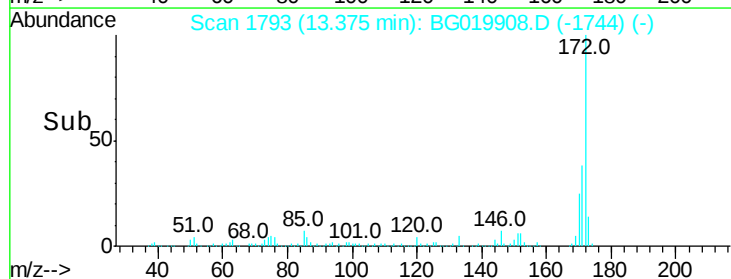
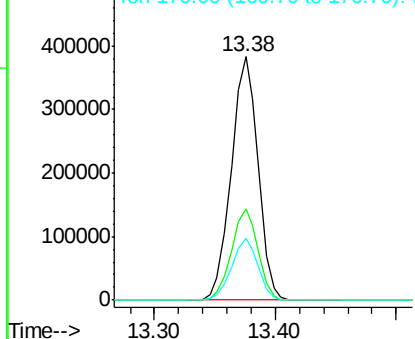


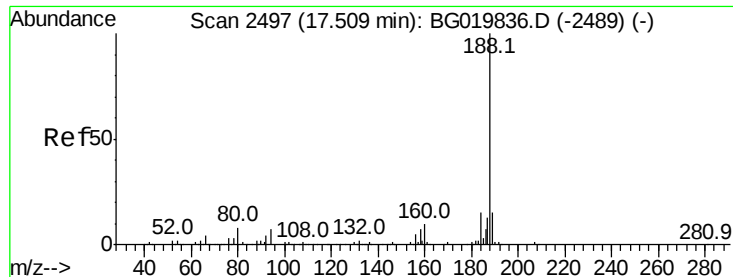
#44
 2-Fluorobiphenyl
 Concen: 89.42 ng
 RT: 13.38 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG019908.D
 Acq: 4 Dec 2015 17:06

Tgt Ion:172 Resp: 587486
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.0 43.6
 170 25.4 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: 17.49 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BG019908.D

Acq: 4 Dec 2015 17:06

Instrument :

BNA_G

ClientSampleId :

TW-04

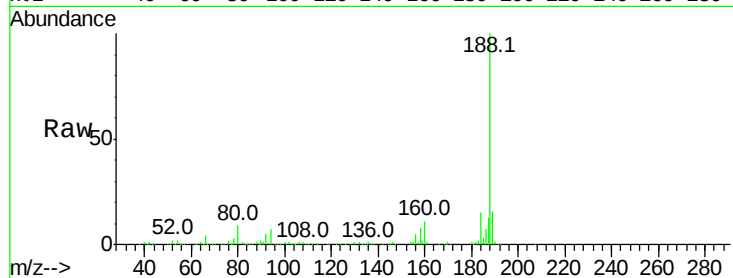
Tot Ion:188 Resp: 219323

Ion Ratio Lower Upper

188 100

94 7.4 7.7 11.5#

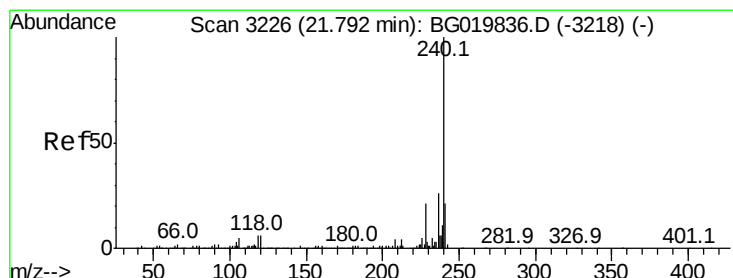
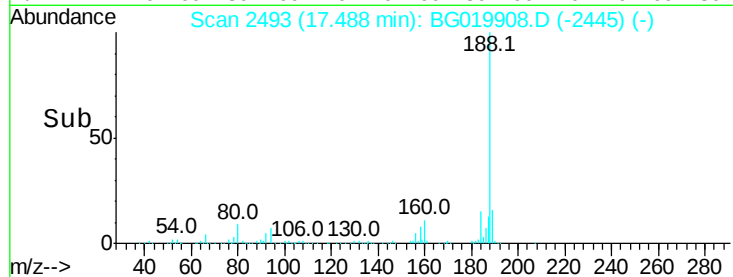
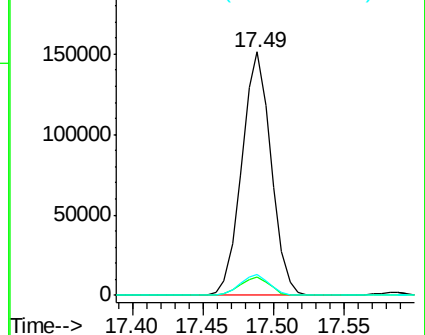
80 8.8 7.8 11.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.03 min

Lab File: BG019908.D

Acq: 4 Dec 2015 17:06

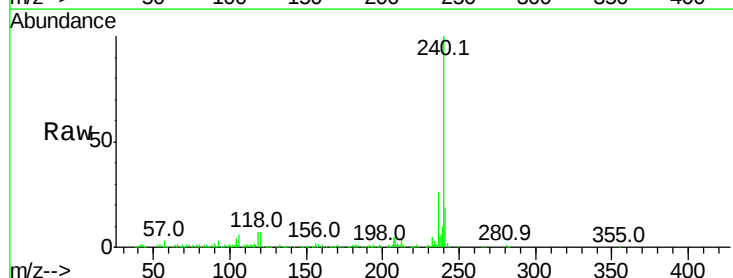
Tgt Ion:240 Resp: 265938

Ion Ratio Lower Upper

240 100

120 7.3 7.4 11.0#

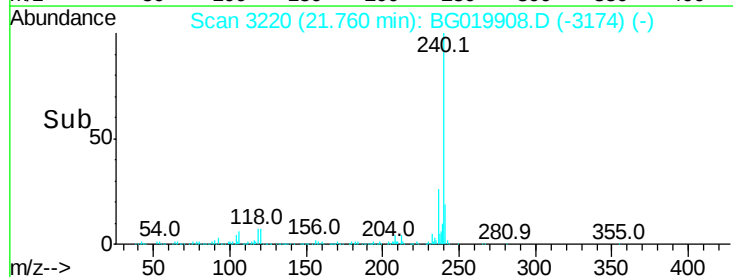
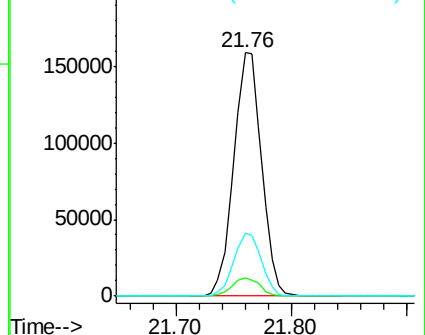
236 25.7 20.7 31.1

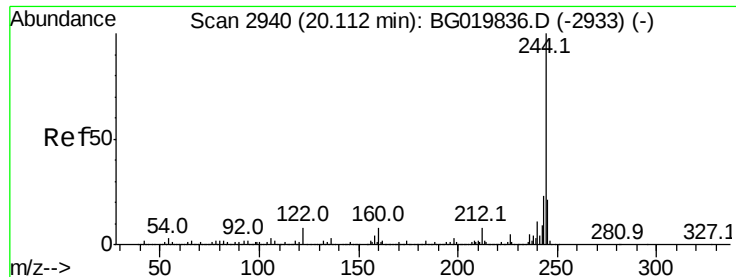


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.02 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG019908.D

Acq: 4 Dec 2015 17:06

Instrument :

BNA_G

ClientSampleId :

TW-04

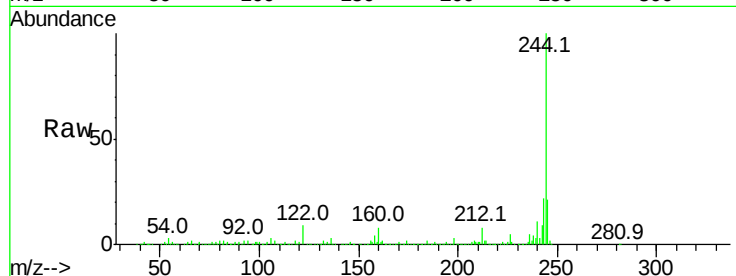
Tot Ion:244 Resp: 872453

Ion Ratio Lower Upper

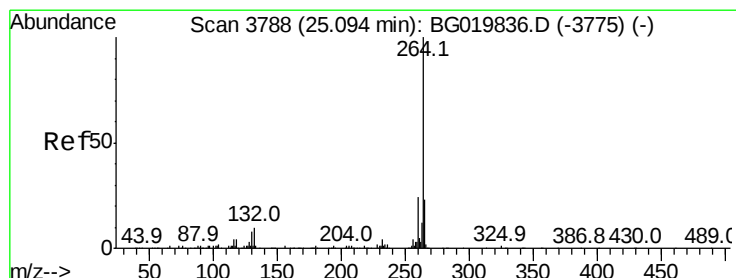
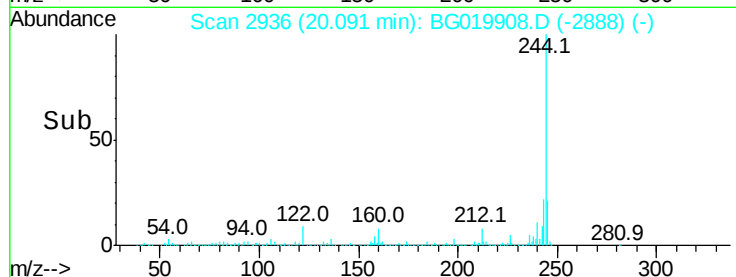
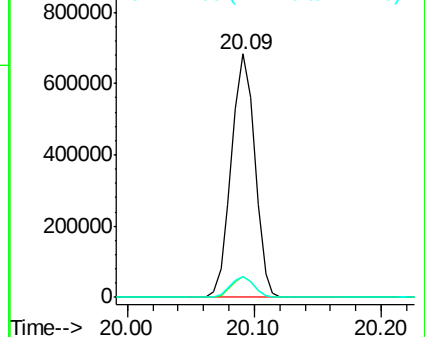
244 100

212 8.3 6.9 10.3

122 8.5 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: 25.05 min Scan# 3780

Delta R.T. -0.04 min

Lab File: BG019908.D

Acq: 4 Dec 2015 17:06

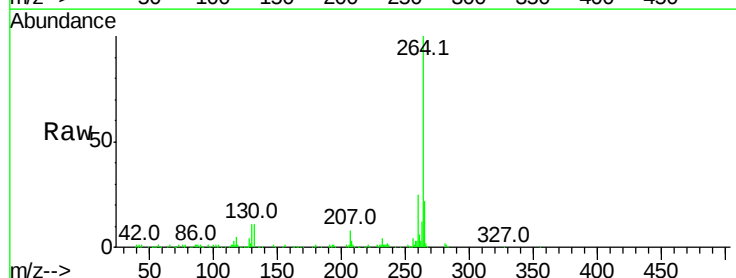
Tgt Ion:264 Resp: 251387

Ion Ratio Lower Upper

264 100

260 24.5 18.5 27.7

265 21.5 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

