

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
 Data File : BG019952.D
 Acq On : 5 Dec 2015 21:31
 Operator : UM/NP
 Sample : G4630-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-18

Quant Time: Dec 07 03:01:20 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	8.11	152	34686	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	145375	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	103973	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	244836	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	303662	20.00	ng	-0.03
86) Perylene-d12	25.04	264	287812	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	125998	65.65	ng	-0.01
7) Phenol-d6	7.26	99	114577	39.54	ng	-0.02
23) Nitrobenzene-d5	9.28	82	295852	103.86	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	204192	128.35	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	682494	89.63	ng	-0.02
78) Terphenyl-d14	20.09	244	1051288	84.44	ng	-0.02

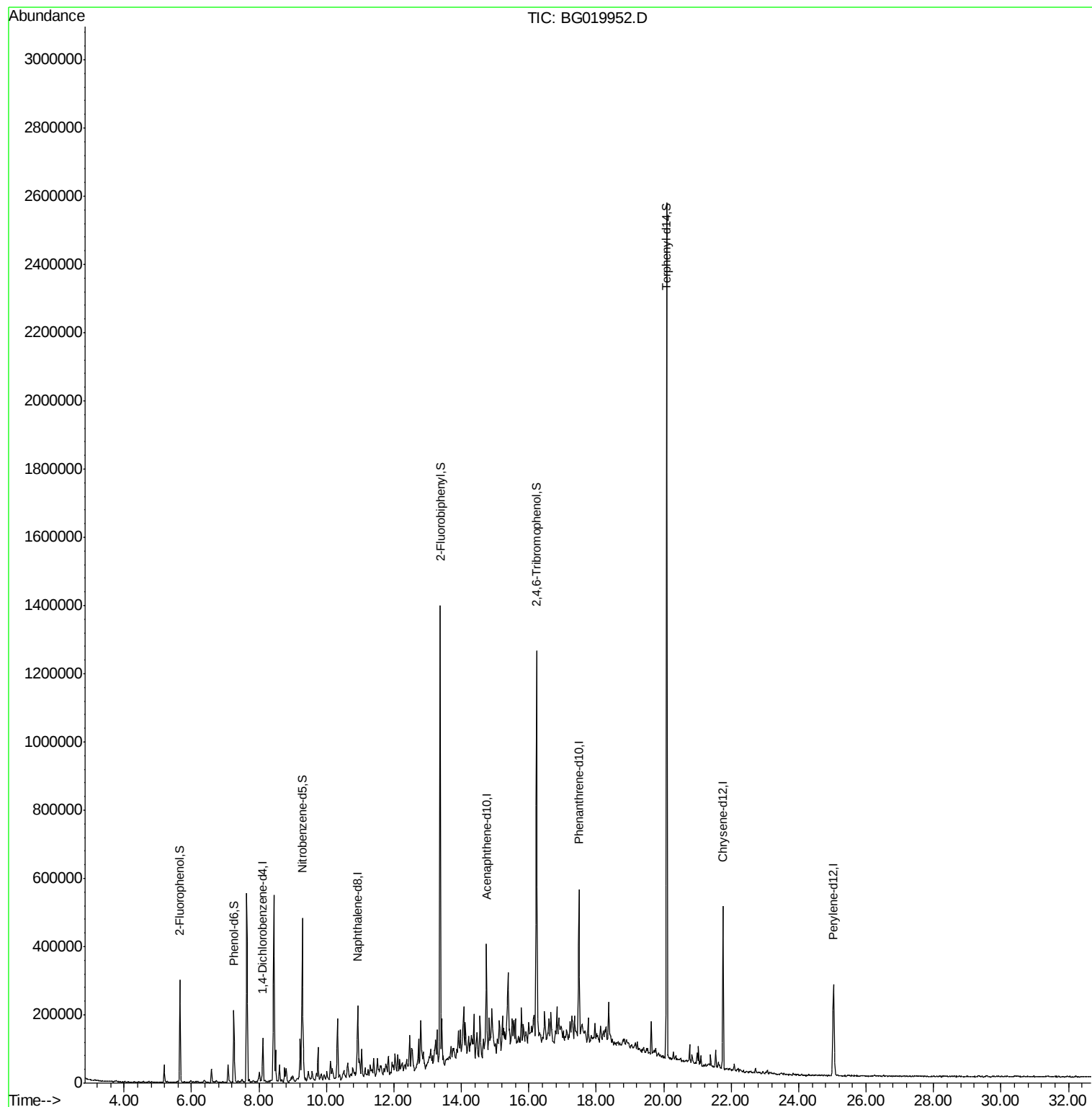
Target Compounds Qvalue

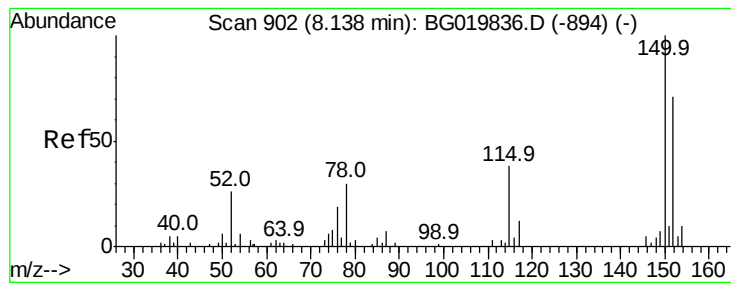
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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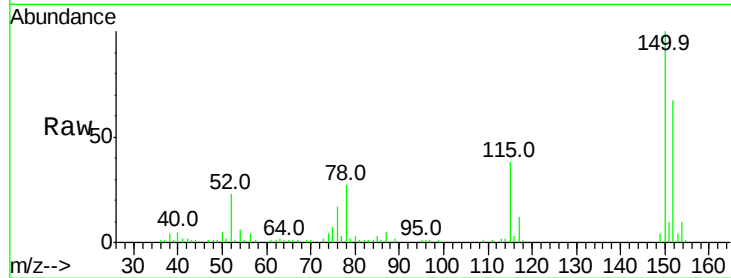


#1

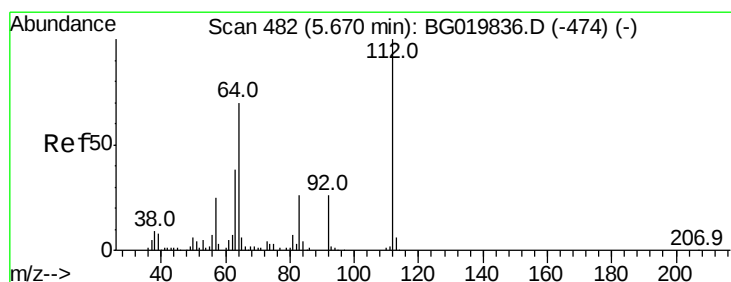
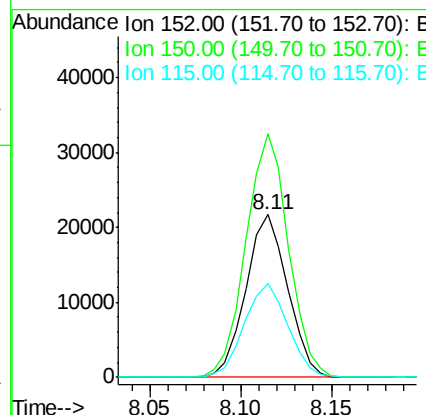
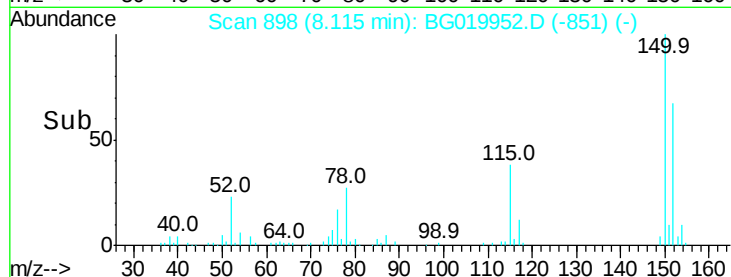
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BG019952.D
 Acq: 5 Dec 2015 21:31

Instrument :
 BNA_G
 ClientSampleId :
 MW-18

Tot Ion:152 Resp: 34686
 Ion Ratio Lower Upper
 152 100
 150 149.9 115.0 172.4
 115 57.5 43.9 65.9



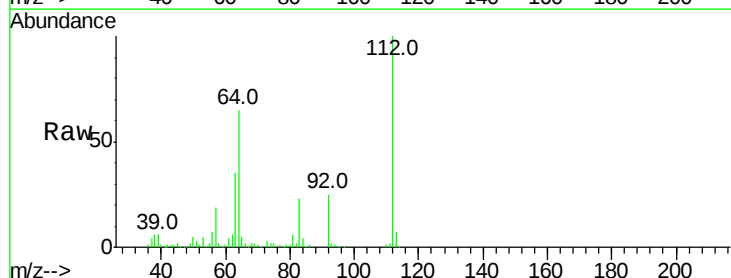
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



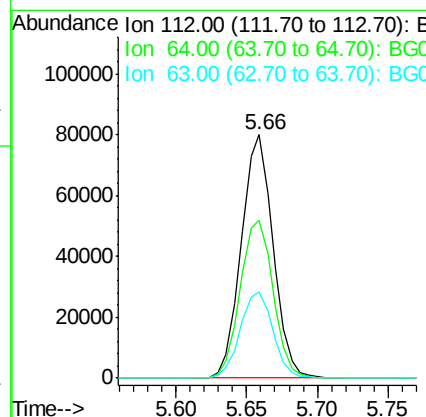
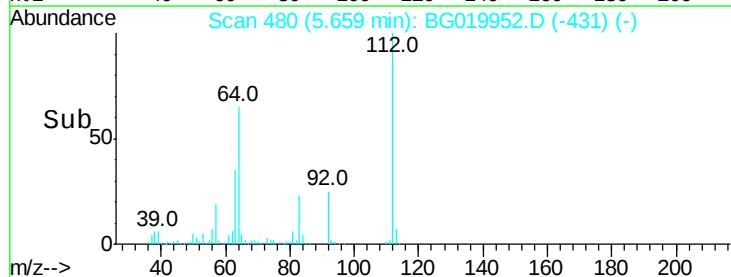
#5

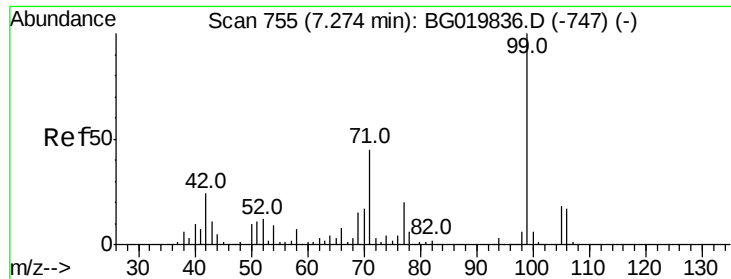
2-Fluorophenol
 Concen: 65.65 ng
 RT: 5.66 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG019952.D
 Acq: 5 Dec 2015 21:31

Tgt Ion:112 Resp: 125998
 Ion Ratio Lower Upper
 112 100
 64 64.6 43.7 65.5
 63 35.4 24.0 36.0



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: 39.54 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019952.D

Acq: 5 Dec 2015 21:31

Instrument :

BNA_G

ClientSampleId :

MW-18

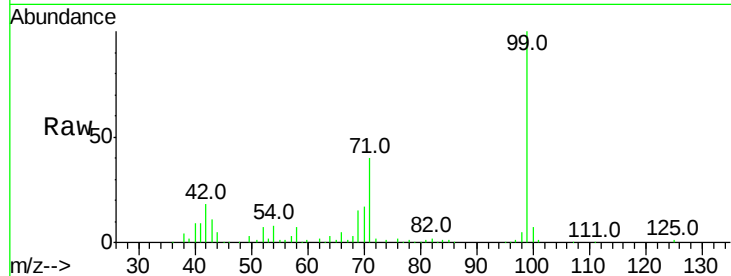
Tot Ion: 99 Resp: 114577

Ion Ratio Lower Upper

99 100

42 18.3 11.5 17.3#

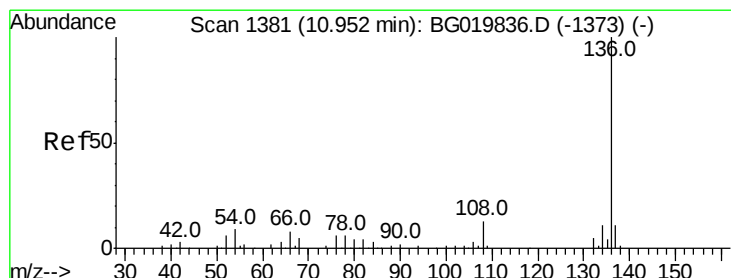
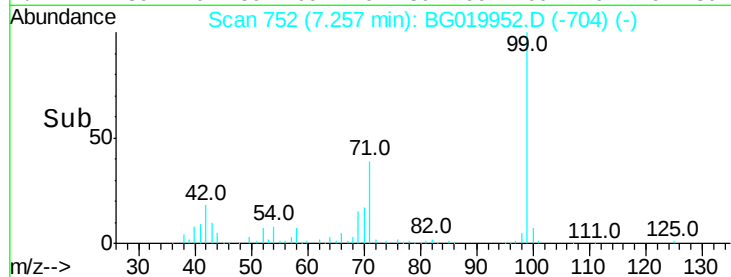
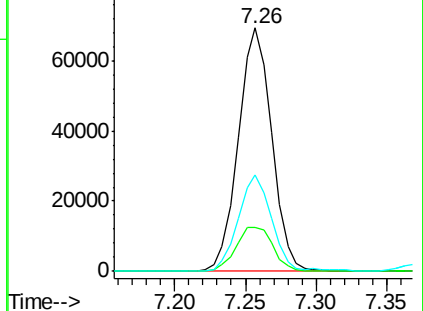
71 39.6 22.6 34.0#



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: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG019952.D

Acq: 5 Dec 2015 21:31

Tgt Ion: 136 Resp: 145375

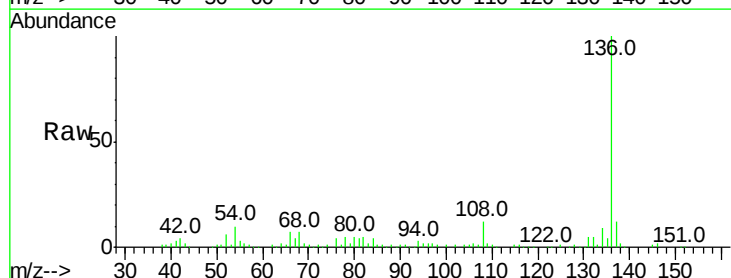
Ion Ratio Lower Upper

136 100

137 11.6 8.6 12.8

54 9.9 5.4 8.2#

68 6.9 5.3 7.9

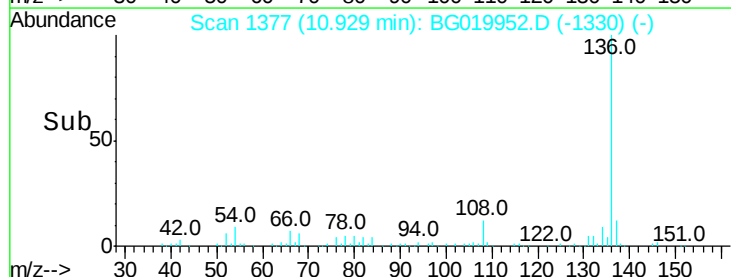
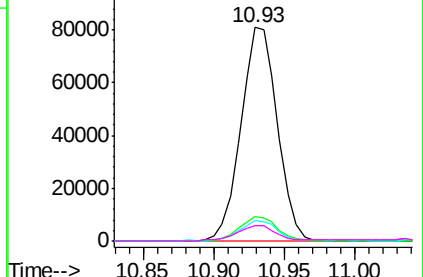


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

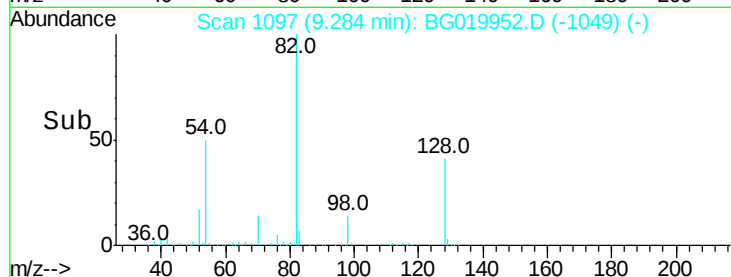
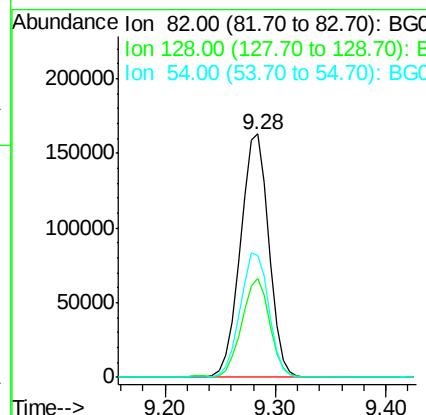
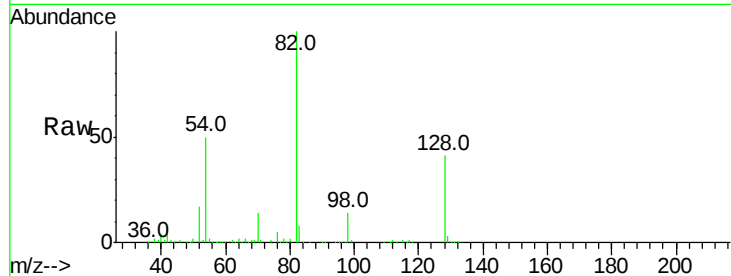




#23
Nitrobenzene-d5
Concen: 103.86 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

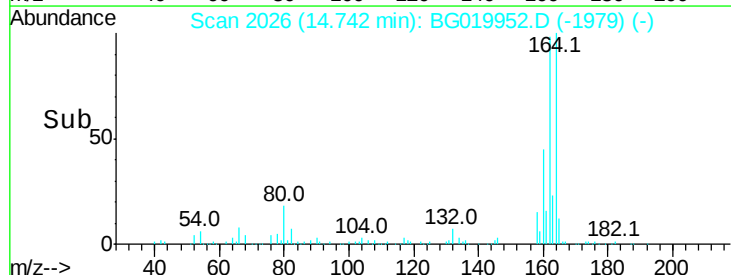
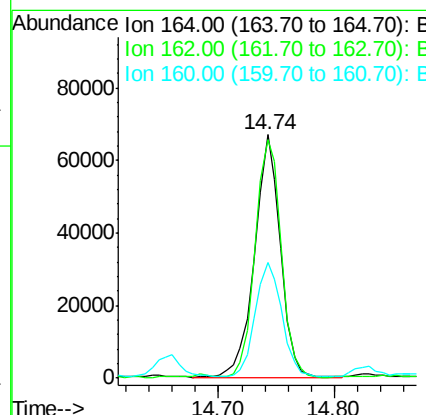
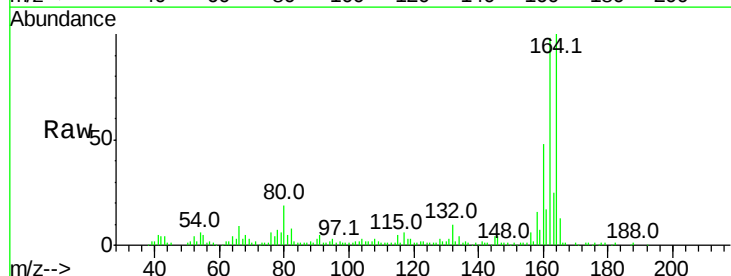
Instrument :
BNA_G
ClientSampled :
MW-18

Tot Ion	82	Resp	295852
Ion Ratio	Lower	Upper	
82	100		
128	40.7	36.7	55.1
54	50.0	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: BG019952.D
Acq: 5 Dec 2015 21:31

Tgt Ion	164	Resp	103973
Ion Ratio	Lower	Upper	
164	100		
162	98.1	78.8	118.2
160	47.5	36.4	54.6

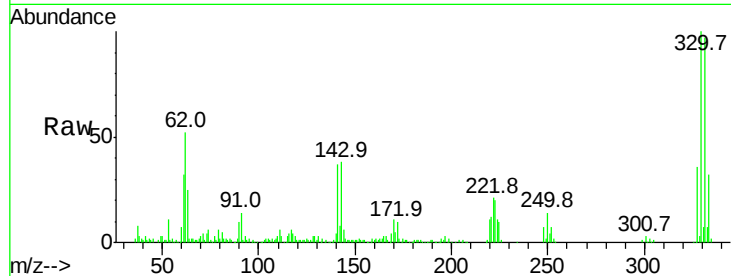




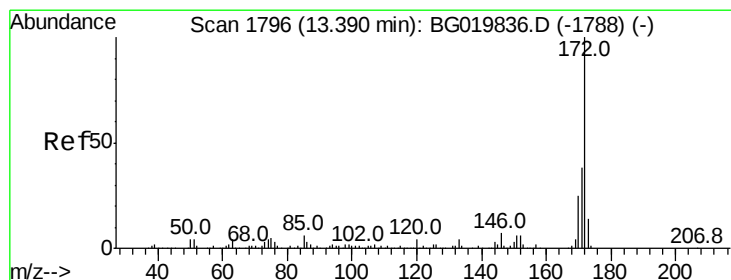
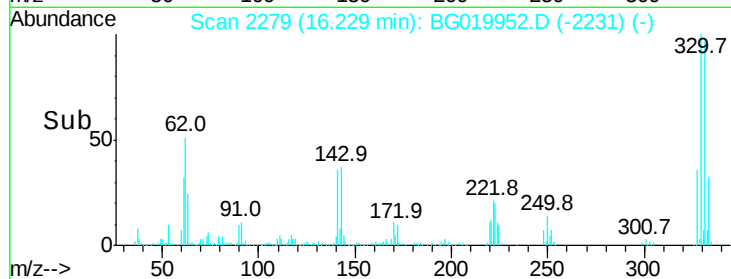
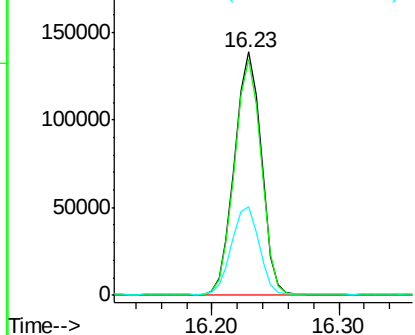
#41
 2,4,6-Tribromophenol
 Concen: 128.35 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019952.D
 Acq: 5 Dec 2015 21:31

Instrument :
 BNA_G
 ClientSampleId :
 MW-18

Tot Ion:330 Resp: 204192
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.1 117.1
 141 37.3 28.2 42.2

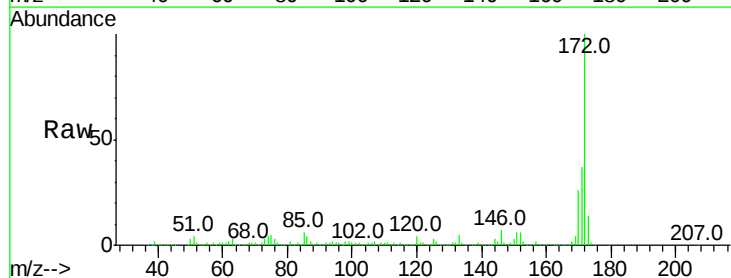


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

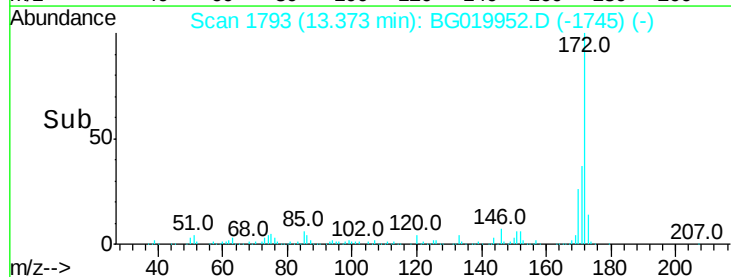
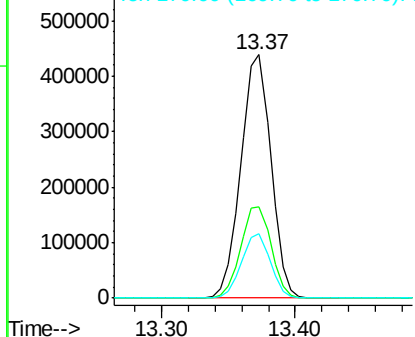


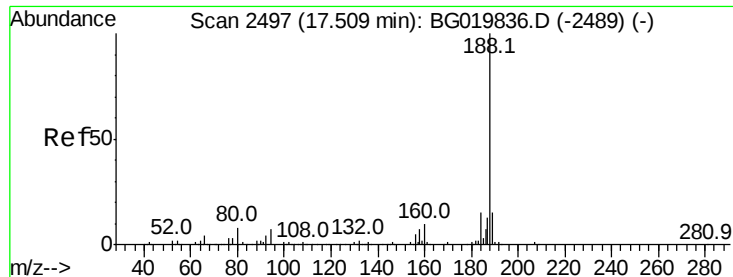
#44
 2-Fluorobiphenyl
 Concen: 89.63 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019952.D
 Acq: 5 Dec 2015 21:31

Tgt Ion:172 Resp: 682494
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.0 43.6
 170 26.5 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

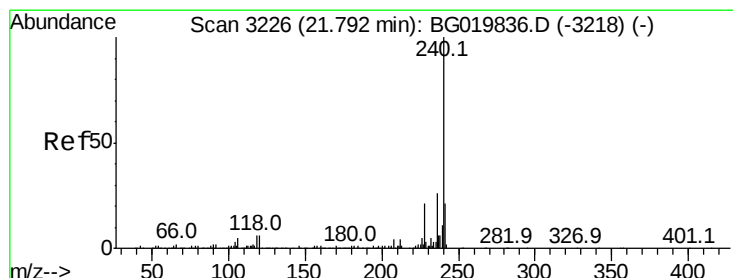
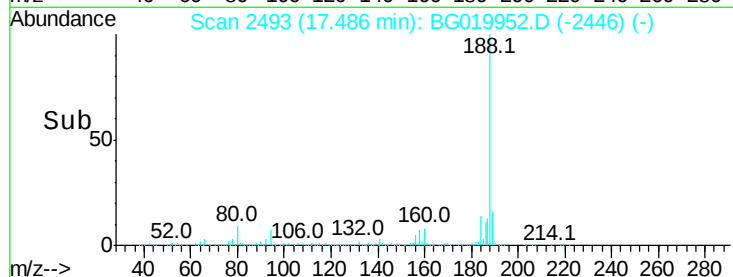
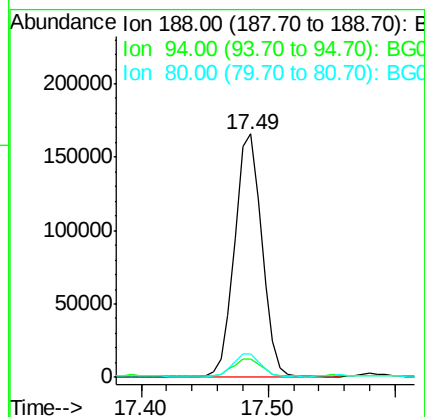
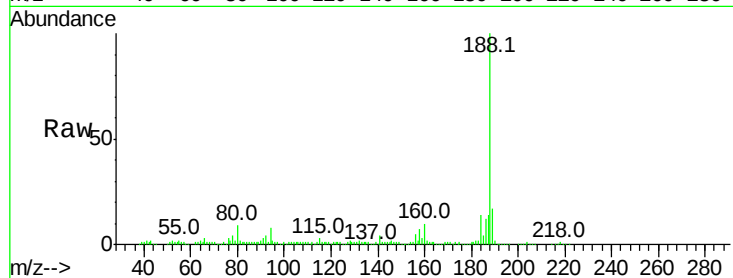




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

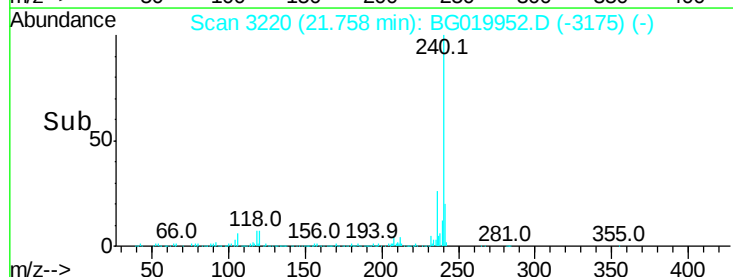
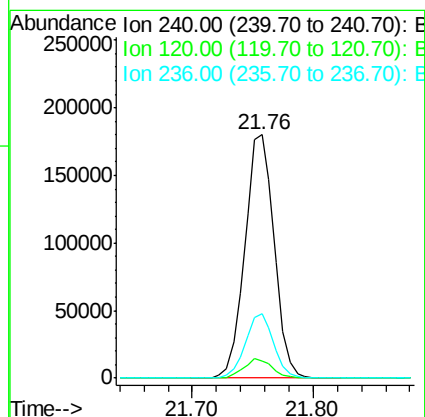
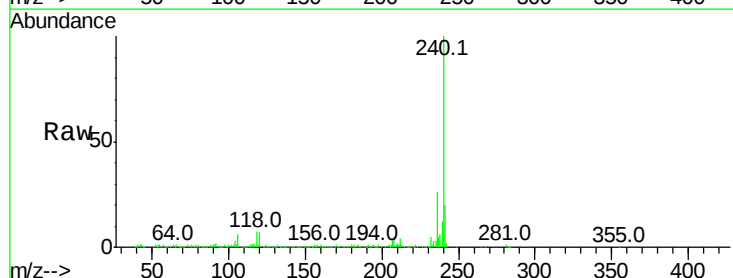
Instrument :
BNA_G
ClientSampleId :
MW-18

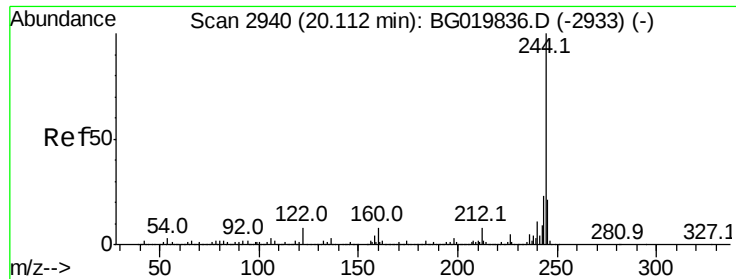
Tot Ion:188 Resp: 244836
Ion Ratio Lower Upper
188 100
94 7.5 7.7 11.5#
80 9.5 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.03 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Tgt Ion:240 Resp: 303662
Ion Ratio Lower Upper
240 100
120 7.3 7.4 11.0#
236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 84.44 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG019952.D

Acq: 5 Dec 2015 21:31

Instrument :

BNA_G

ClientSampleId :

MW-18

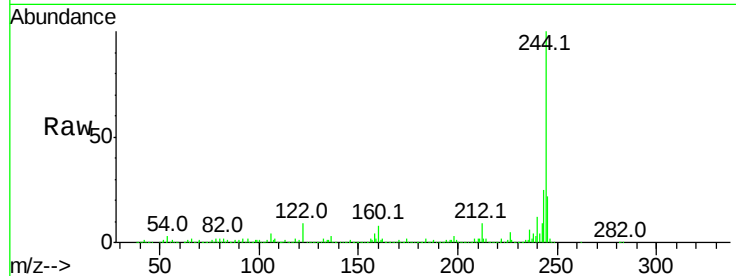
Tot Ion:244 Resp: 1051288

Ion Ratio Lower Upper

244 100

212 9.0 6.9 10.3

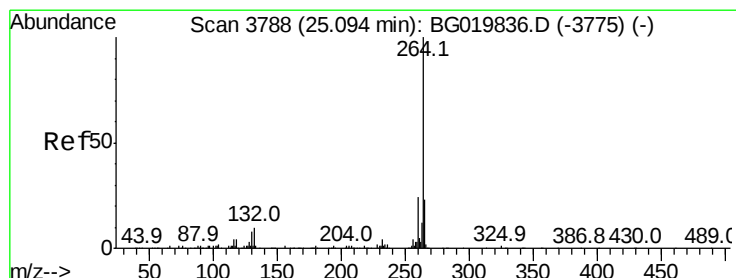
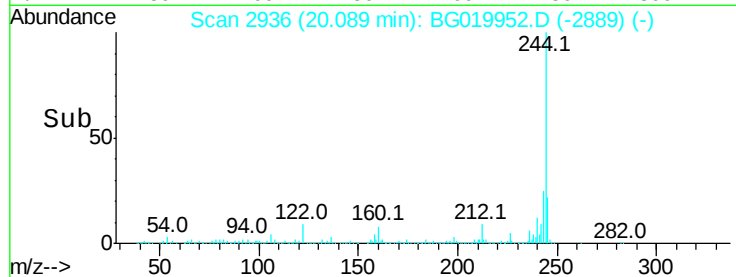
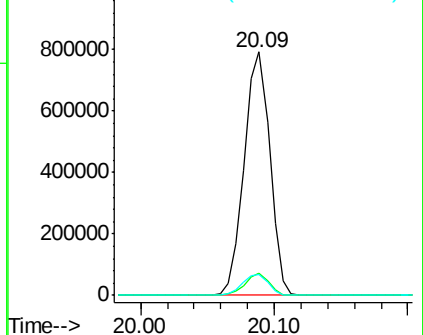
122 8.8 10.2 15.2#



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: 25.04 min Scan# 3778

Delta R.T. -0.06 min

Lab File: BG019952.D

Acq: 5 Dec 2015 21:31

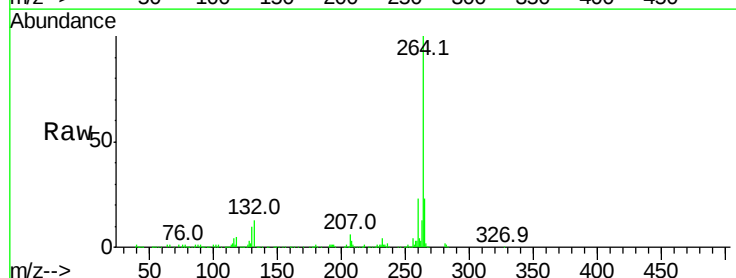
Tgt Ion:264 Resp: 287812

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 22.5 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

