

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019915.D
 Acq On : 4 Dec 2015 21:43
 Operator : UM/NP
 Sample : G4630-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-10

Quant Time: Dec 05 00:38:39 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	30653	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	129999	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	92774	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	230478	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	285603	20.00	ng	-0.03
86) Perylene-d12	25.05	264	271075	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	126146	74.38	ng	-0.01
7) Phenol-d6	7.26	99	121235	47.34	ng	-0.01
23) Nitrobenzene-d5	9.28	82	271607	106.63	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	213068	150.10	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	637381	93.81	ng	-0.02
78) Terphenyl-d14	20.09	244	1028074	87.80	ng	-0.02

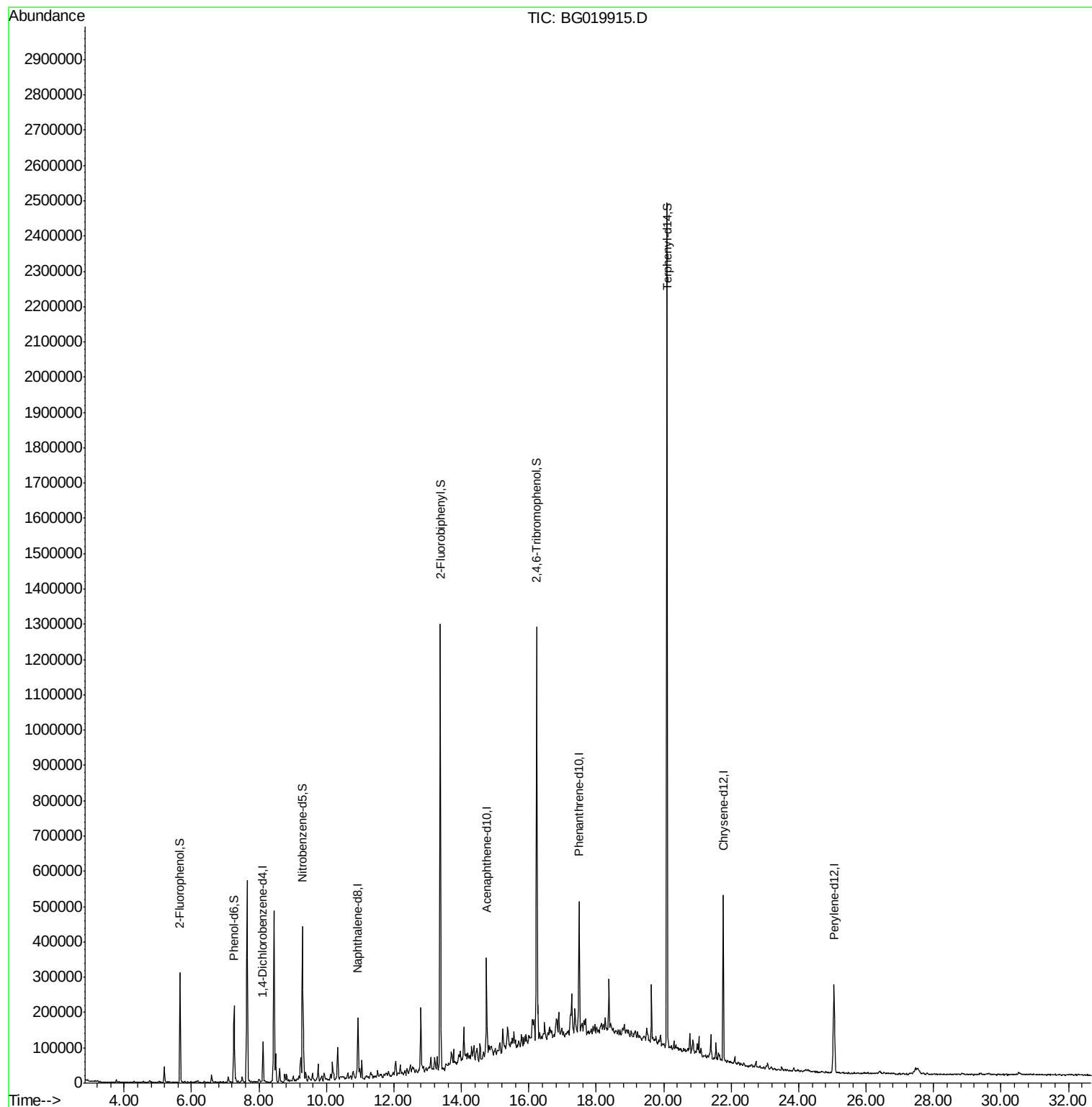
Target Compounds Qvalue

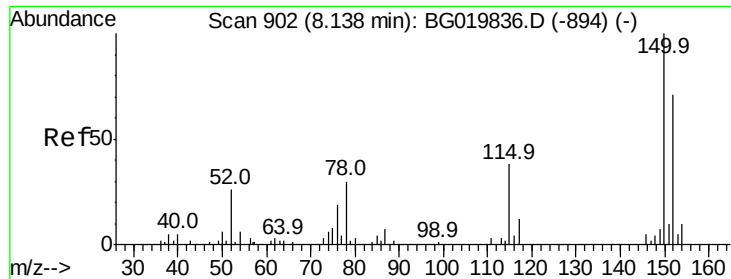
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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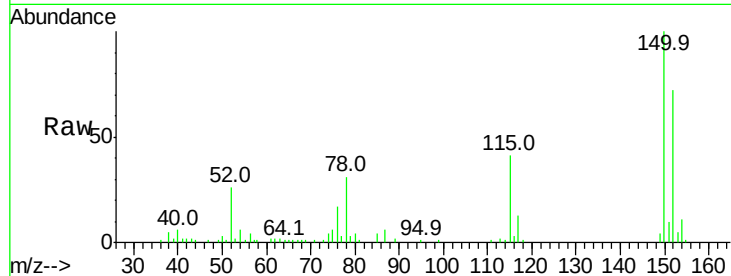


#1

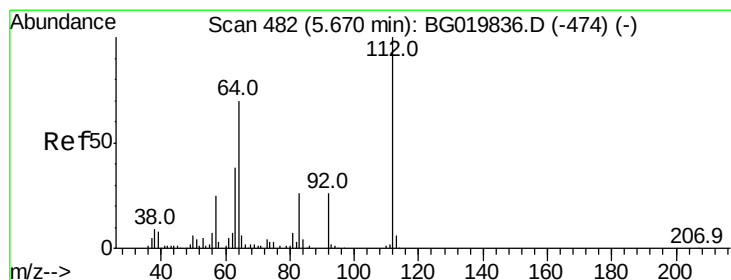
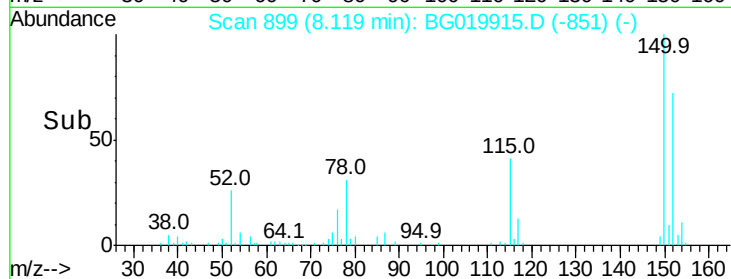
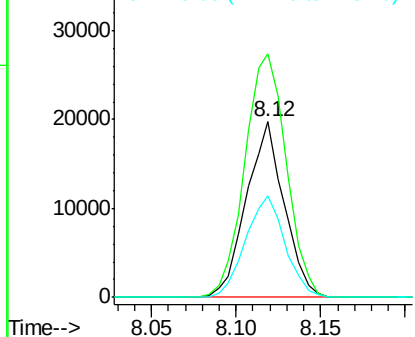
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG019915.D
Acq: 4 Dec 2015 21:43

Instrument :
BNA_G
ClientSampleId :
MW-10

Tot Ion:152 Resp: 30653
Ion Ratio Lower Upper
152 100
150 138.9 115.0 172.4
115 57.6 43.9 65.9



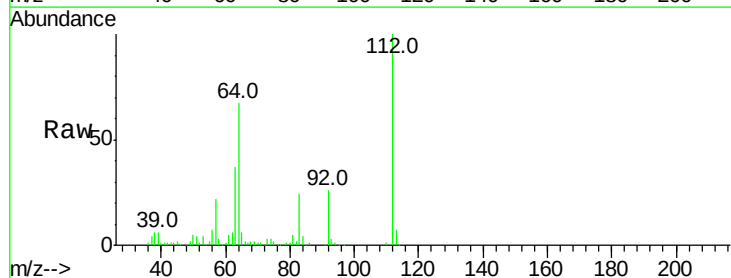
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



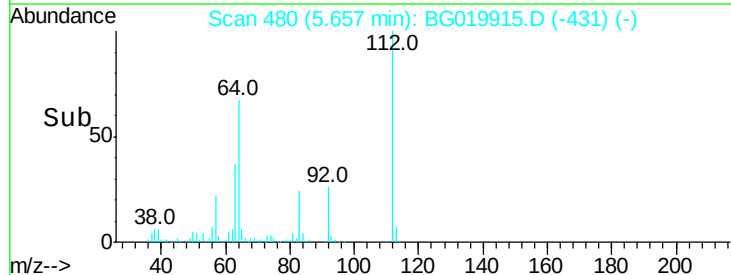
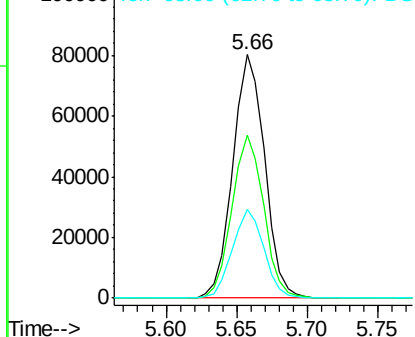
#5

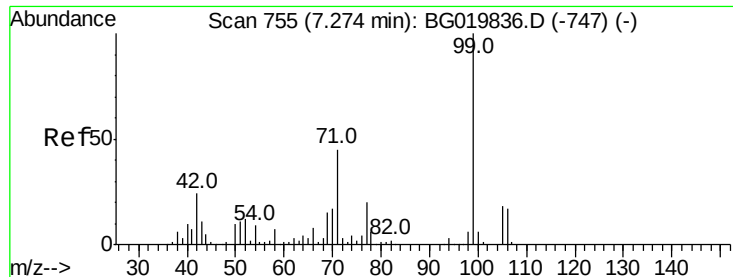
2-Fluorophenol
Concen: 74.38 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019915.D
Acq: 4 Dec 2015 21:43

Tgt Ion:112 Resp: 126146
Ion Ratio Lower Upper
112 100
64 66.8 43.7 65.5#
63 36.7 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: 47.34 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019915.D

Acq: 4 Dec 2015 21:43

Instrument :

BNA_G

ClientSampled :

MW-10

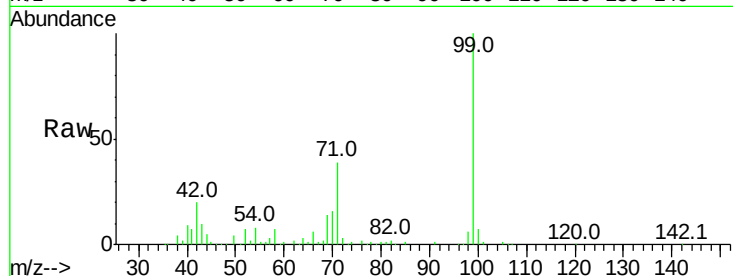
Tot Ion: 99 Resp: 121235

Ion Ratio Lower Upper

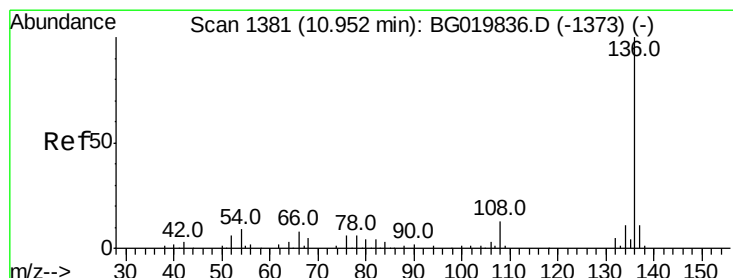
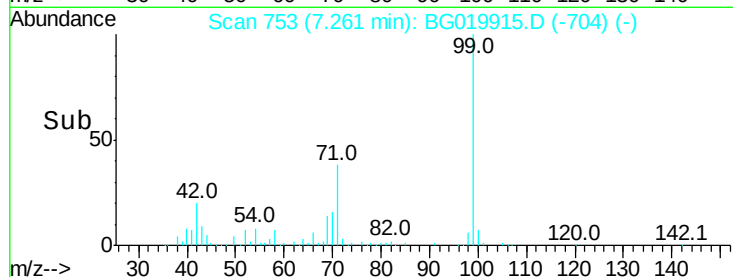
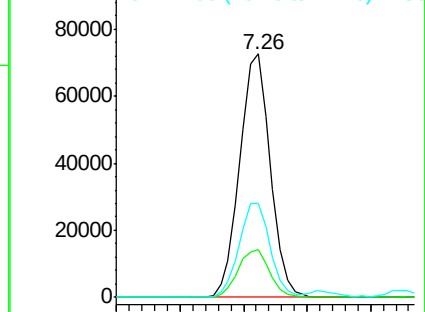
99 100

42 19.6 11.5 17.3#

71 38.7 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# 1378

Delta R.T. -0.02 min

Lab File: BG019915.D

Acq: 4 Dec 2015 21:43

Tgt Ion: 136 Resp: 129999

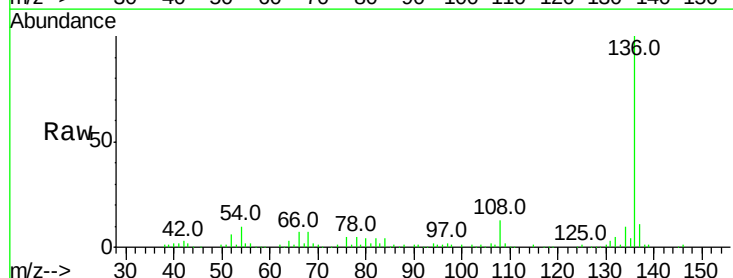
Ion Ratio Lower Upper

136 100

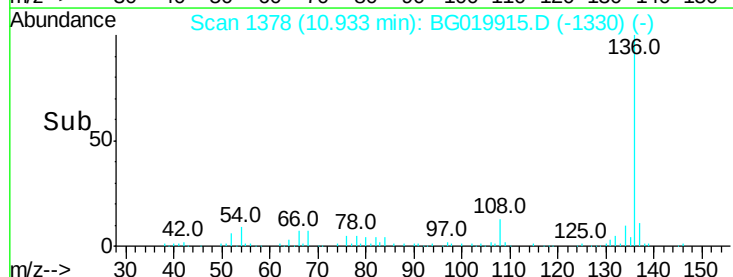
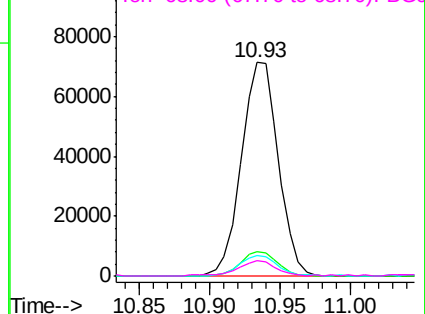
137 11.4 8.6 12.8

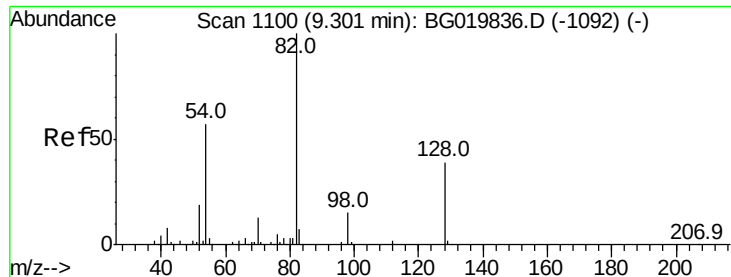
54 9.6 5.4 8.2#

68 7.3 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

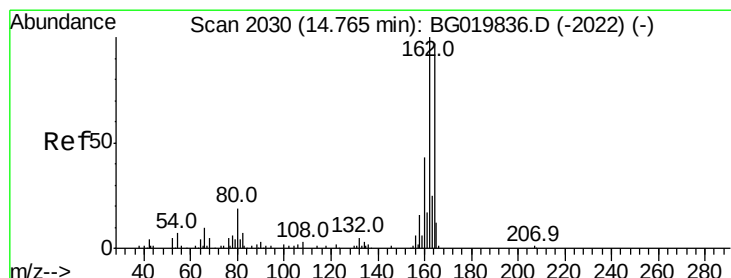
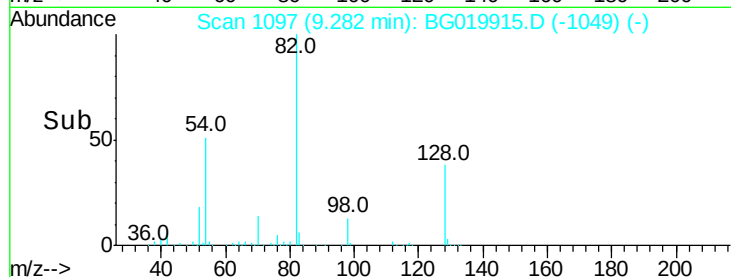
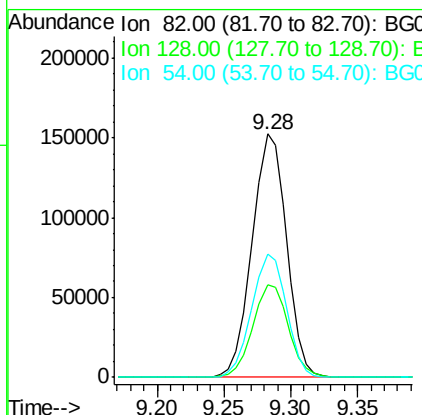
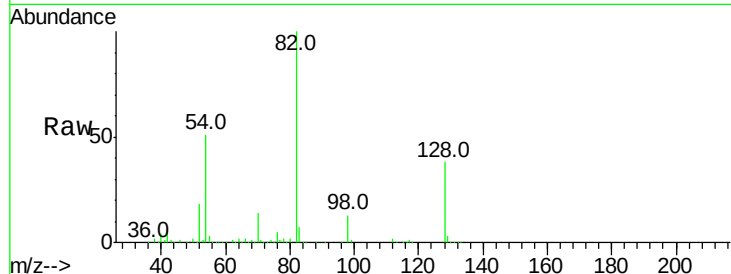




#23
Nitrobenzene-d5
Concen: 106.63 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019915.D
Acq: 4 Dec 2015 21:43

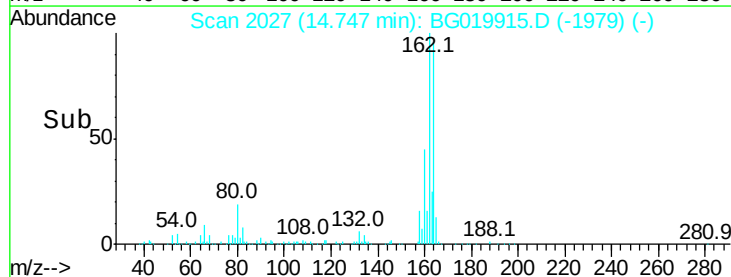
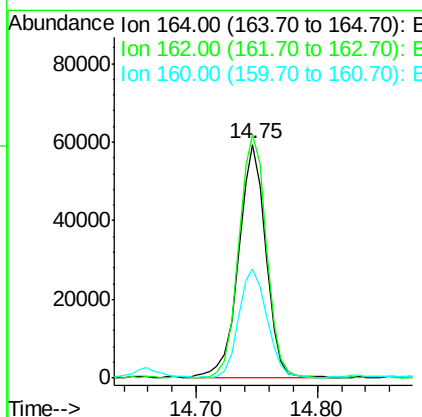
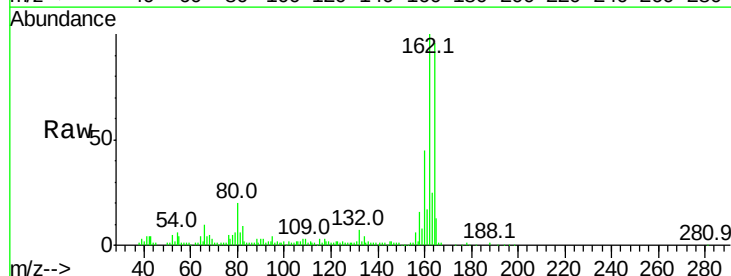
Instrument :
BNA_G
ClientSampleId :
MW-10

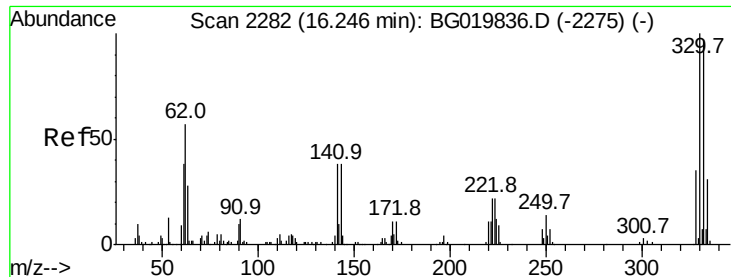
Tot Ion	82	Resp	271607
Ion Ratio	Lower	Upper	
82	100		
128	38.2	36.7	55.1
54	50.6	33.8	50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019915.D
Acq: 4 Dec 2015 21:43

Tgt Ion	164	Resp	92774
Ion Ratio	Lower	Upper	
164	100		
162	104.3	78.8	118.2
160	46.8	36.4	54.6

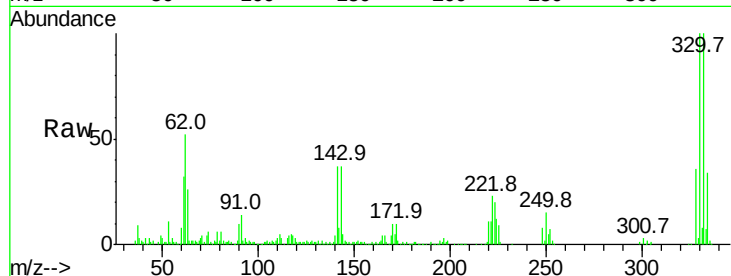




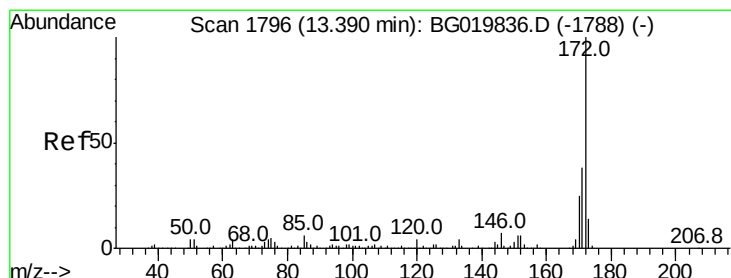
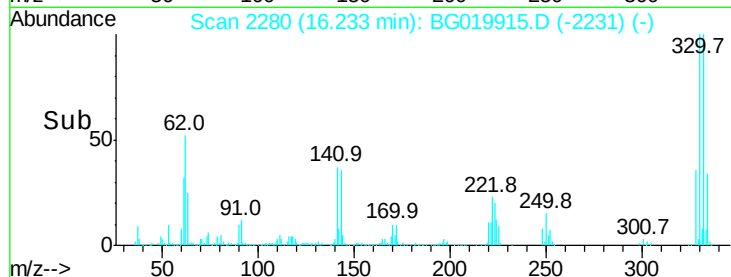
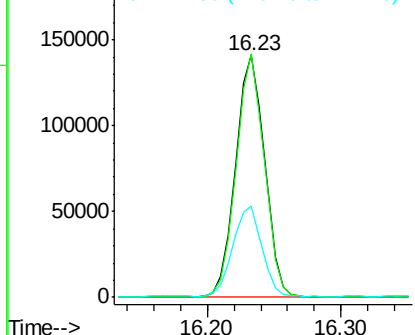
#41
 2,4,6-Tribromophenol
 Concen: 150.10 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019915.D
 Acq: 4 Dec 2015 21:43

Instrument :
 BNA_G
 ClientSampled :
 MW-10

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.1	117.1
141	37.5	28.2	42.2

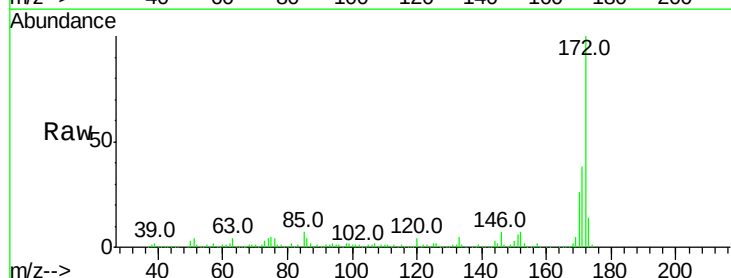


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

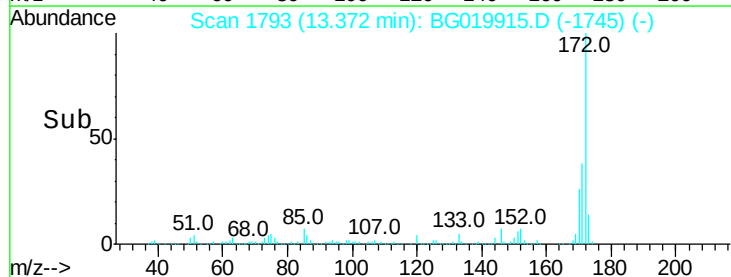
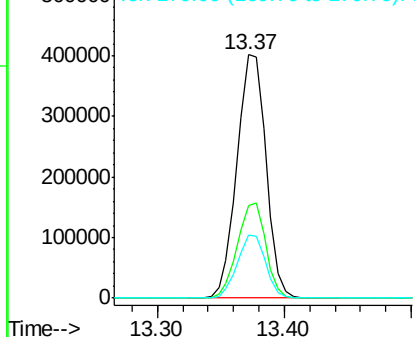


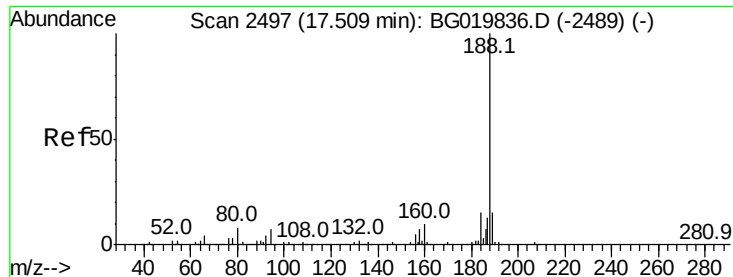
#44
 2-Fluorobiphenyl
 Concen: 93.81 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019915.D
 Acq: 4 Dec 2015 21:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.0	43.6
170	25.8	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

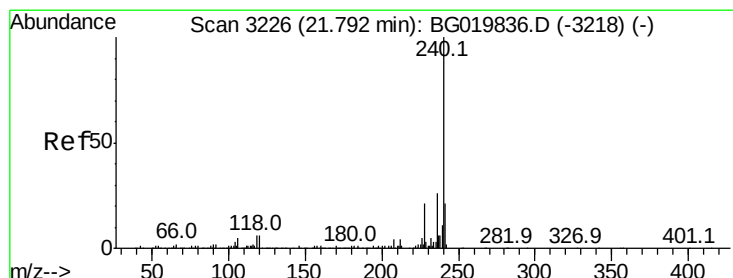
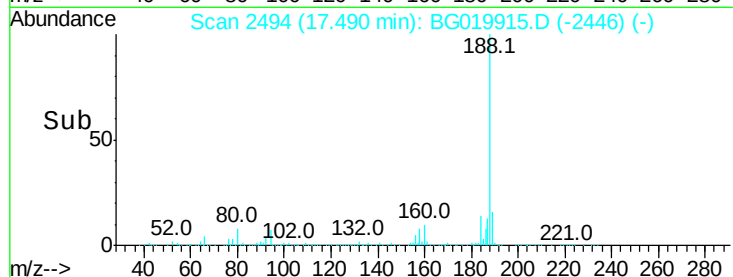
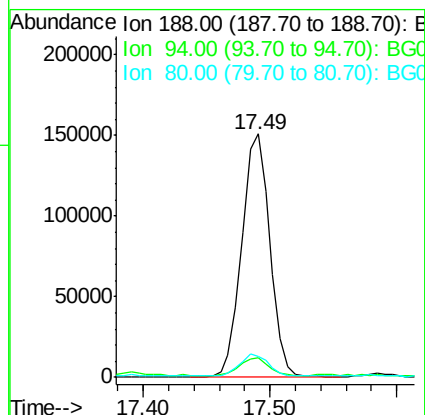
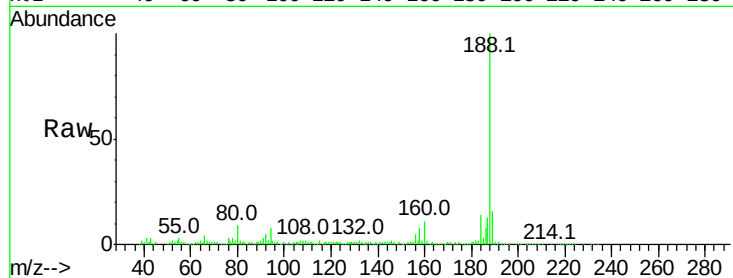




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BG019915.D
Acq: 4 Dec 2015 21:43

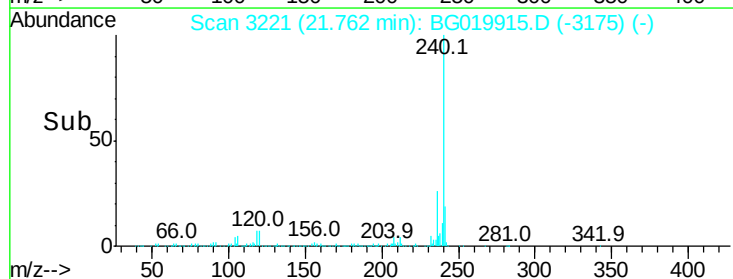
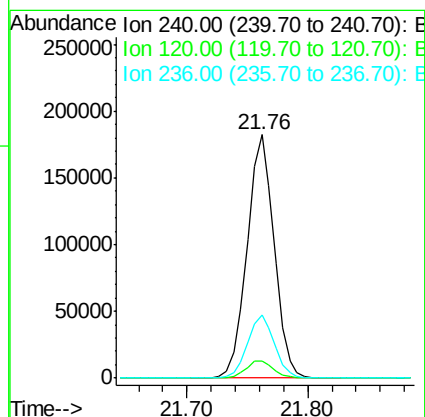
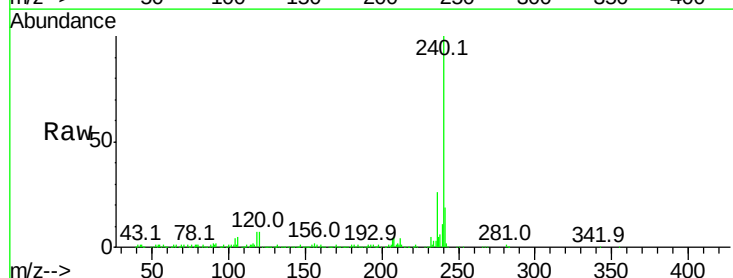
Instrument :
BNA_G
ClientSampleId :
MW-10

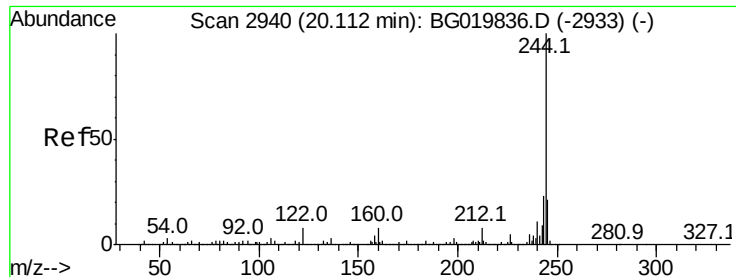
Tot Ion:188 Resp: 230478
Ion Ratio Lower Upper
188 100
94 7.9 7.7 11.5
80 8.6 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.03 min
Lab File: BG019915.D
Acq: 4 Dec 2015 21:43

Tgt Ion:240 Resp: 285603
Ion Ratio Lower Upper
240 100
120 6.9 7.4 11.0#
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 87.80 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG019915.D

Acq: 4 Dec 2015 21:43

Instrument :

BNA_G

ClientSampleId :

MW-10

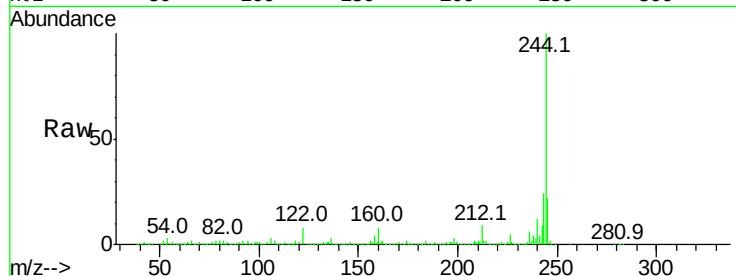
Tot Ion:244 Resp: 1028074

Ion Ratio Lower Upper

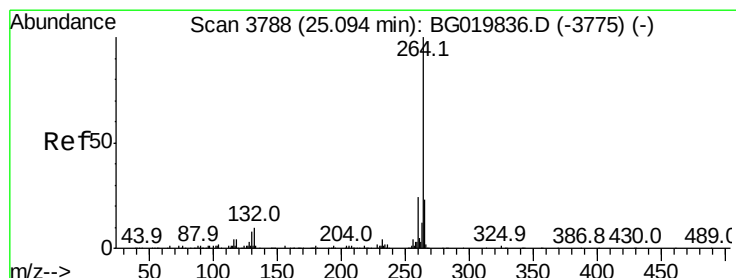
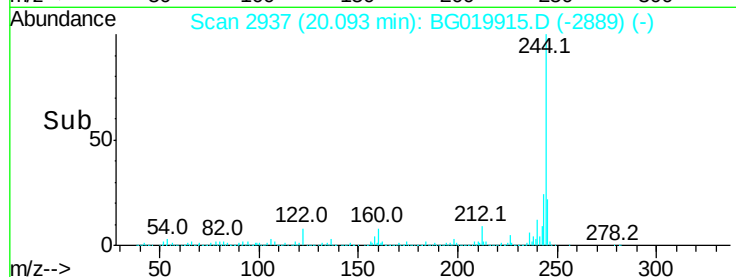
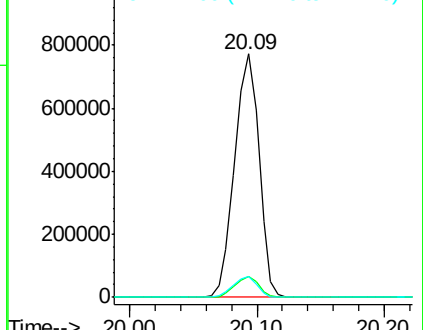
244 100

212 8.6 6.9 10.3

122 8.4 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. -0.05 min

Lab File: BG019915.D

Acq: 4 Dec 2015 21:43

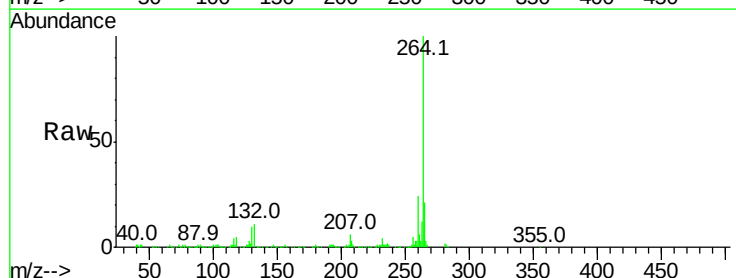
Tgt Ion:264 Resp: 271075

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 21.0 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

