

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
 Data File : BM009491.D
 Acq On : 01 Apr 2017 01:32
 Operator : SJ/MA
 Sample : I2503-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GW-1

Quant Time: Apr 01 03:29:16 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	117958	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	458912	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	282261	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	706831	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	941588	20.00	ng	-0.01
86) Perylene-d12	23.74	264	884739	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	565501	79.91	ng	-0.01
7) Phenol-d6	7.00	99	490641	50.84	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1112797	90.92	ng	-0.02
41) 2,4,6-Tribromophenol	15.99	330	565463	161.26	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	2195785	93.74	ng	-0.01
78) Terphenyl-d14	19.86	244	2694008	59.79	ng	-0.01

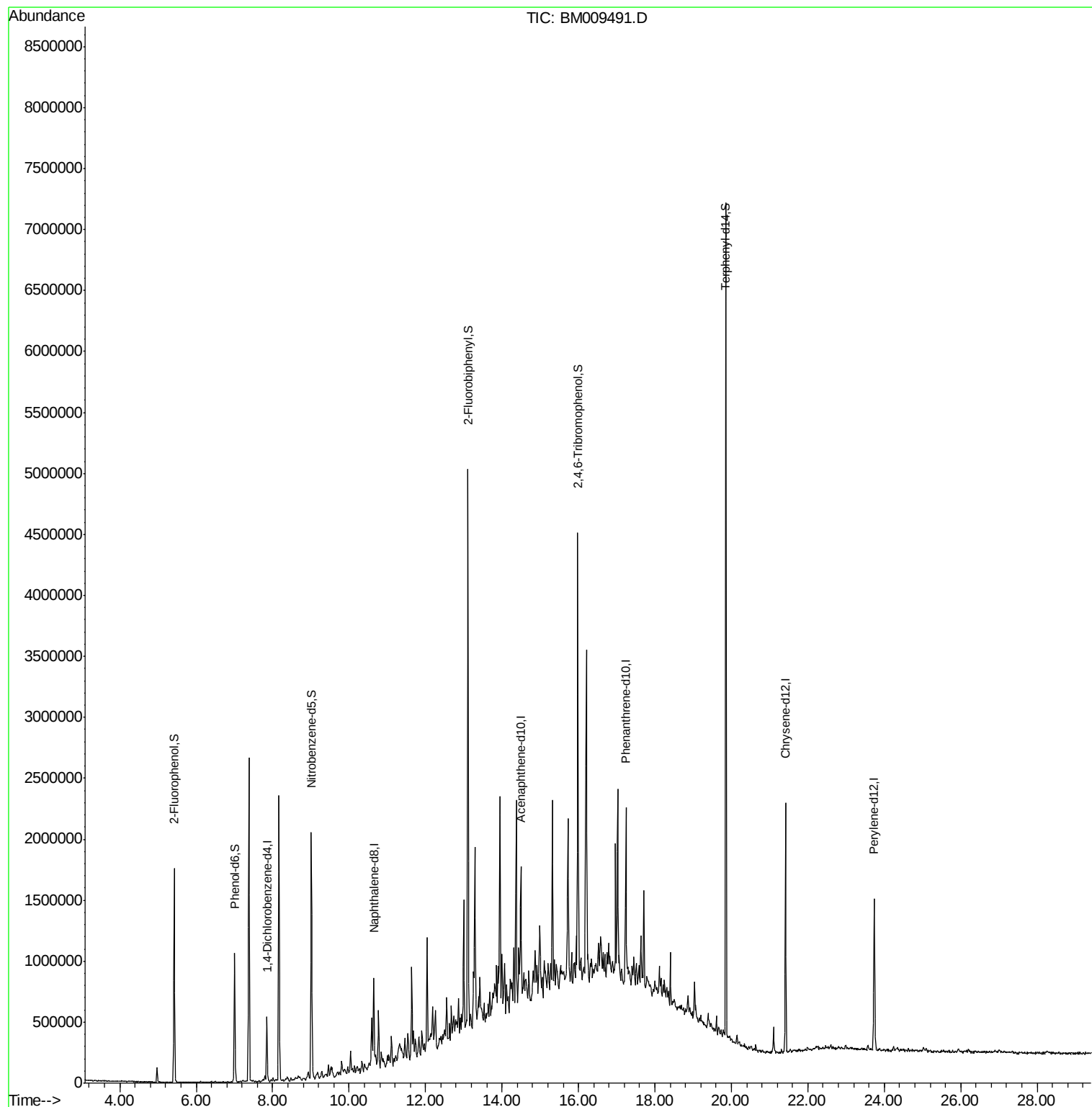
Target Compounds Qvalue

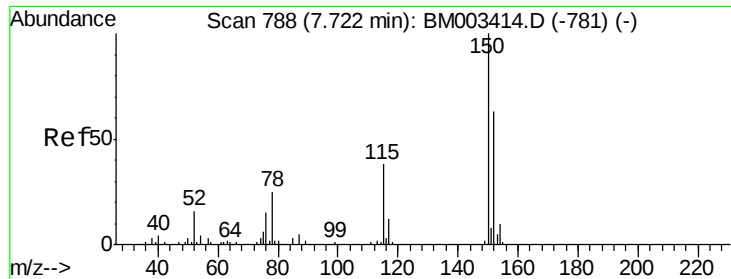
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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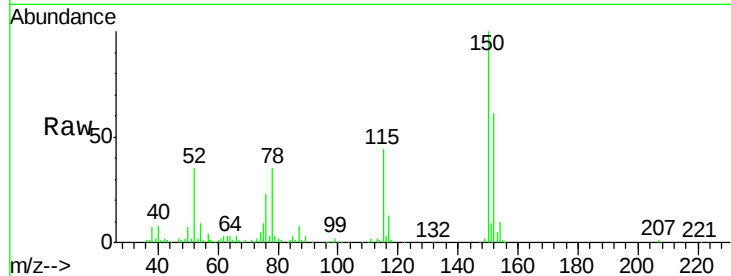


#1

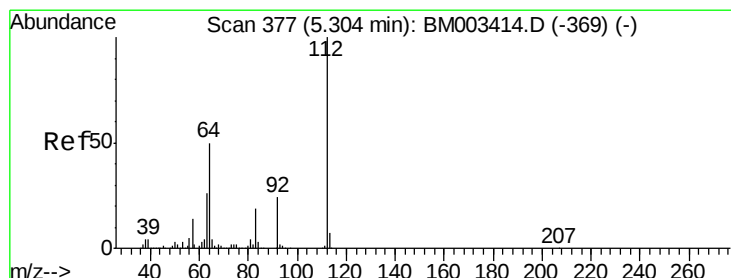
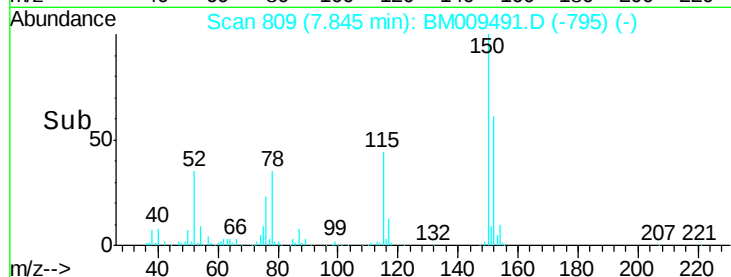
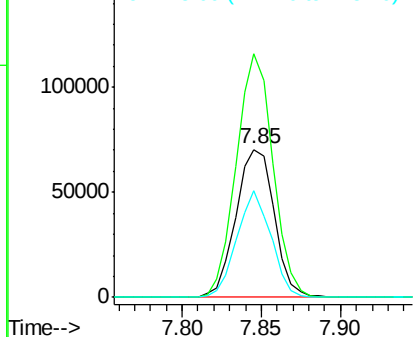
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.85 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BM009491.D
 Acq: 01 Apr 2017 01:32

Instrument :
 BNA_M
 ClientSampleId :
 GW-1

Tot Ion:152 Resp: 117958
 Ion Ratio Lower Upper
 152 100
 150 164.9 119.5 179.3
 115 72.5 43.0 64.4#



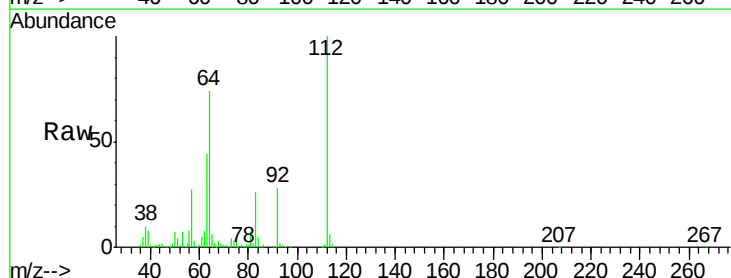
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



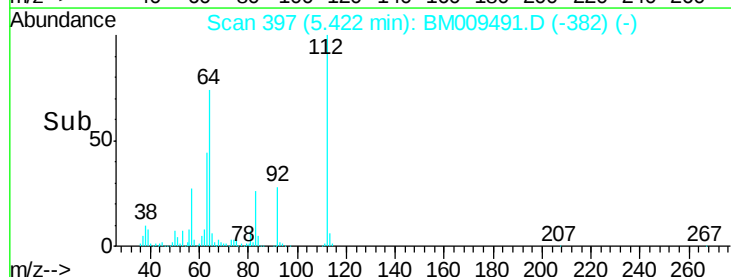
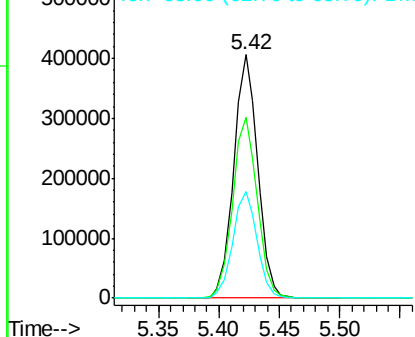
#5

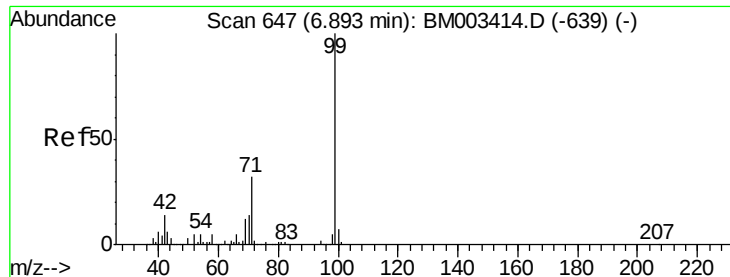
2-Fluorophenol
 Concen: 79.91 ng
 RT: 5.42 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BM009491.D
 Acq: 01 Apr 2017 01:32

Tgt Ion:112 Resp: 565501
 Ion Ratio Lower Upper
 112 100
 64 74.4 38.6 57.8#
 63 43.7 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BM0
 Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 50.84 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009491.D

Acq: 01 Apr 2017 01:32

Instrument :

BNA_M

ClientSampleId :

GW-1

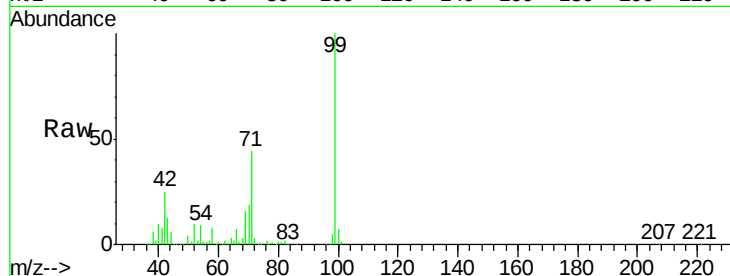
Tot Ion: 99 Resp: 490641

Ion Ratio Lower Upper

99 100

42 25.5 11.0 16.4#

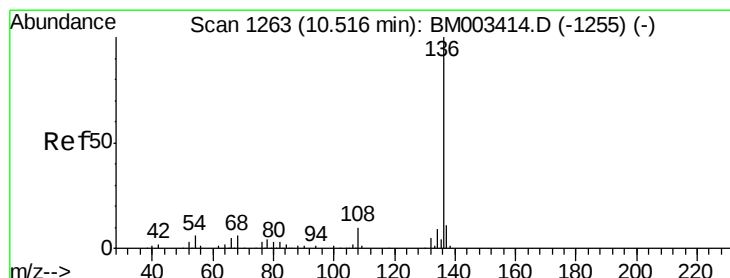
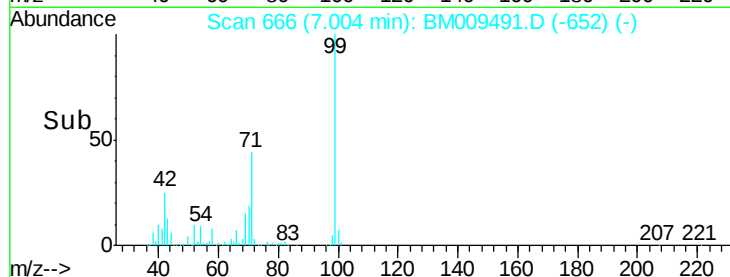
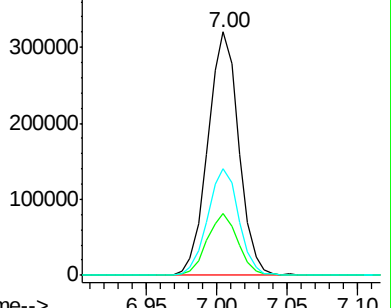
71 43.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BM009491.D

Acq: 01 Apr 2017 01:32

Tgt Ion: 136 Resp: 458912

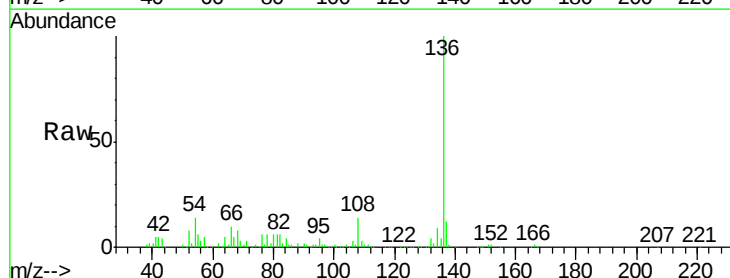
Ion Ratio Lower Upper

136 100

137 12.0 8.7 13.1

54 13.6 4.6 6.8#

68 7.8 3.7 5.5#

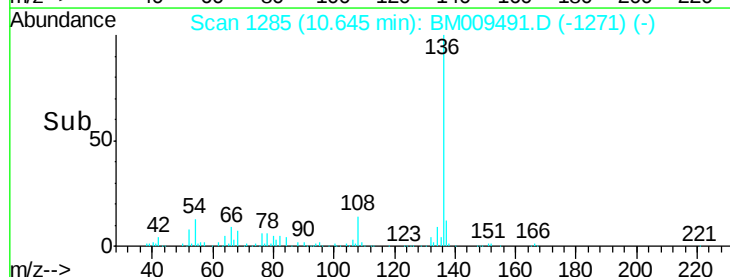
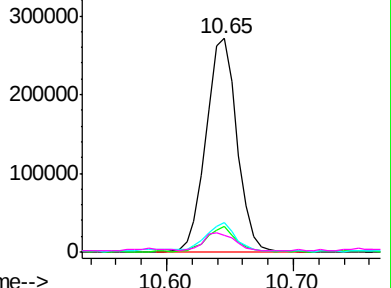


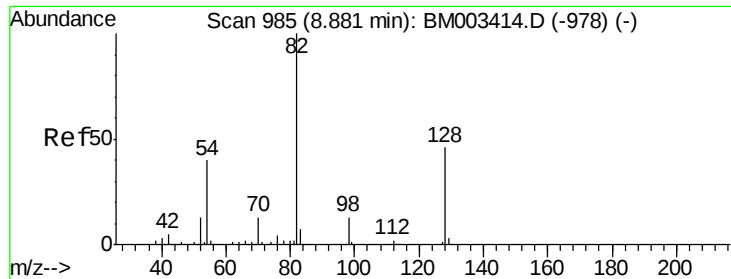
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

Ion 137.00 (136.70 to 137.70): BM003414.D (-1255) (-)

Ion 54.00 (53.70 to 54.70): BM003414.D (-1255) (-)

Ion 68.00 (67.70 to 68.70): BM003414.D (-1255) (-)

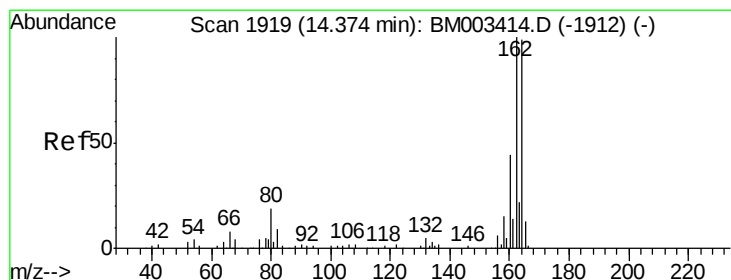
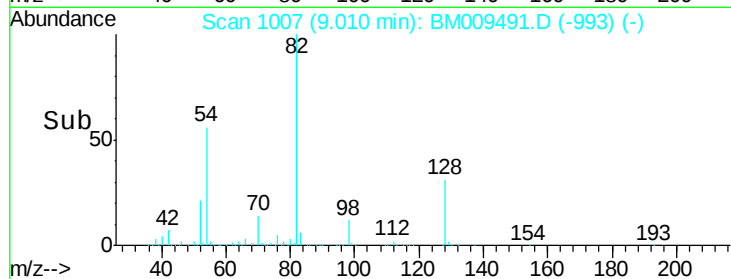
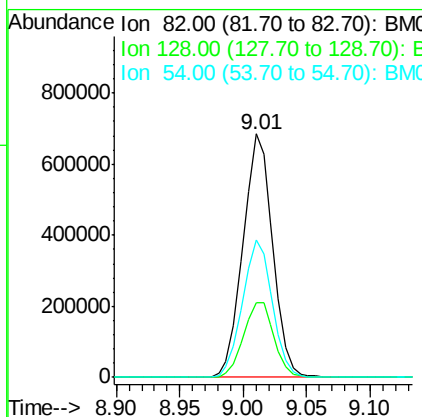
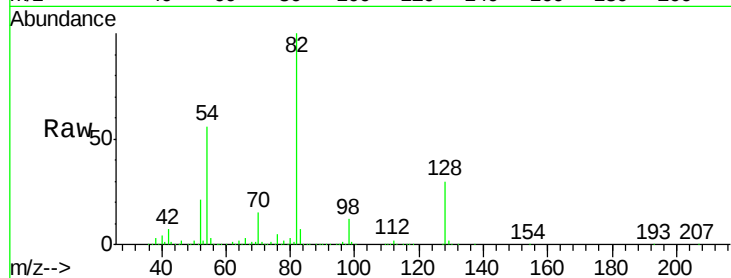




#23
 Nitrobenzene-d5
 Concen: 90.92 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009491.D
 Acq: 01 Apr 2017 01:32

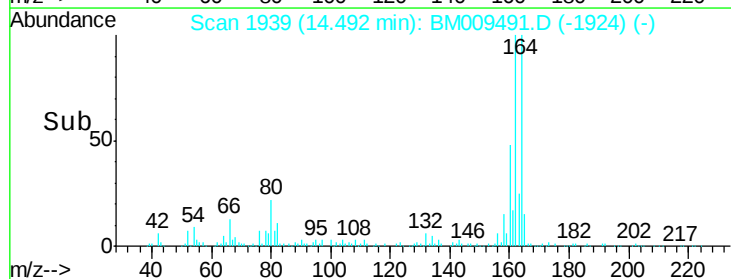
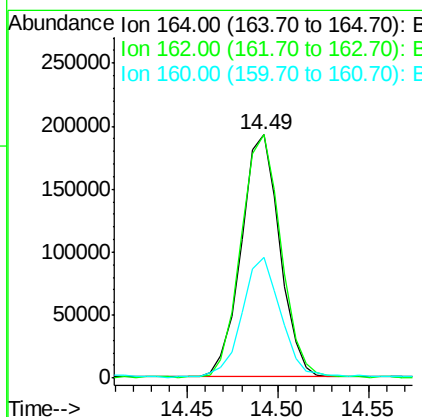
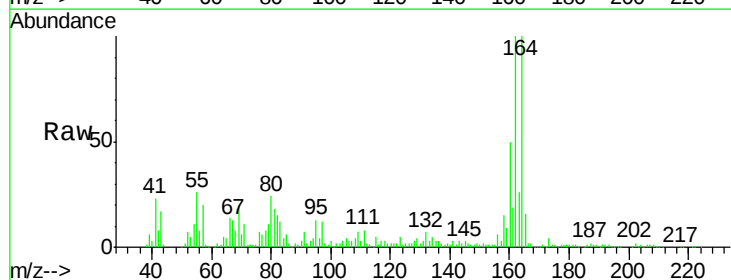
Instrument :
 BNA_M
 ClientSampled :
 GW-1

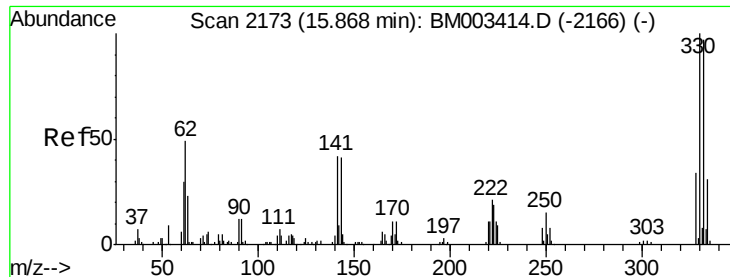
Tot Ion: 82 Resp: 1112797
 Ion Ratio Lower Upper
 82 100
 128 30.5 32.8 49.2#
 54 56.4 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BM009491.D
 Acq: 01 Apr 2017 01:32

Tgt Ion:164 Resp: 282261
 Ion Ratio Lower Upper
 164 100
 162 100.0 82.4 123.6
 160 49.7 35.8 53.6

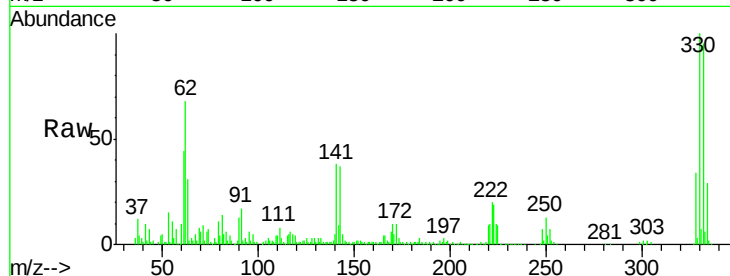




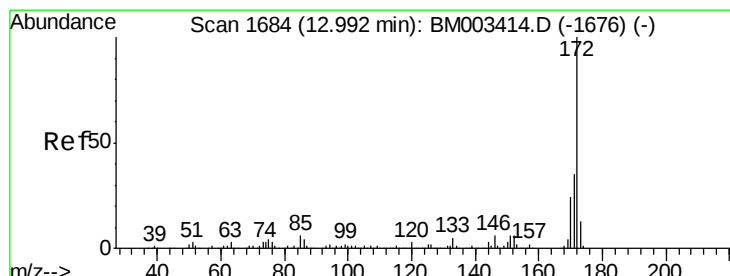
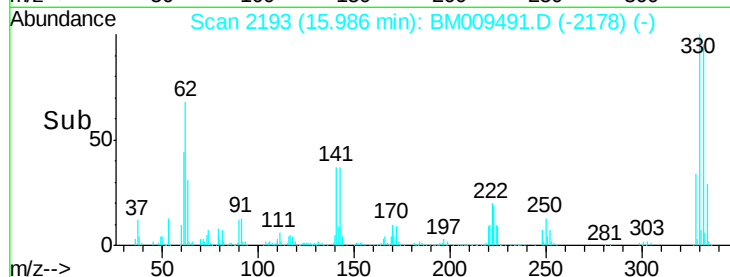
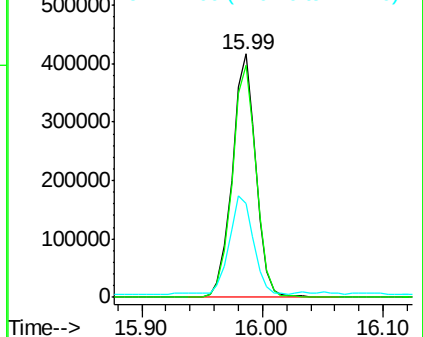
#41
 2,4,6-Tribromophenol
 Concen: 161.26 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009491.D
 Acq: 01 Apr 2017 01:32

Instrument :
 BNA_M
 ClientSampled :
 GW-1

Tot Ion:330 Resp: 565463
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 41.1 0.0 0.0#

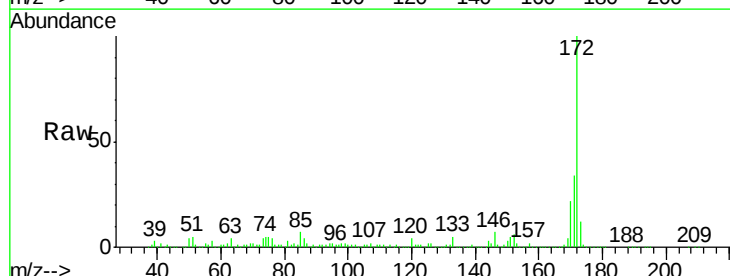


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

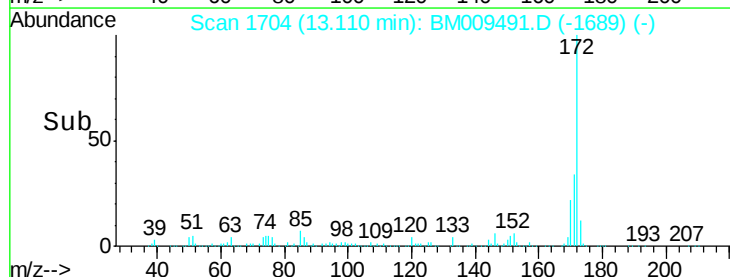
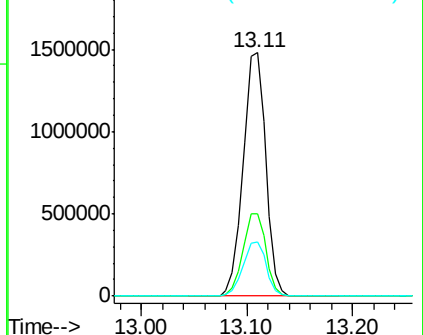


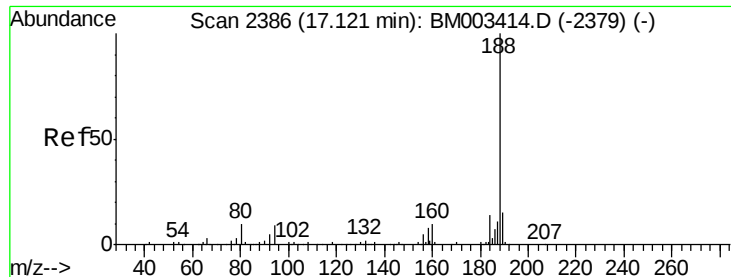
#44
 2-Fluorobiphenyl
 Concen: 93.74 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM009491.D
 Acq: 01 Apr 2017 01:32

Tgt Ion:172 Resp: 2195785
 Ion Ratio Lower Upper
 172 100
 171 33.6 28.5 42.7
 170 22.1 18.8 28.2



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

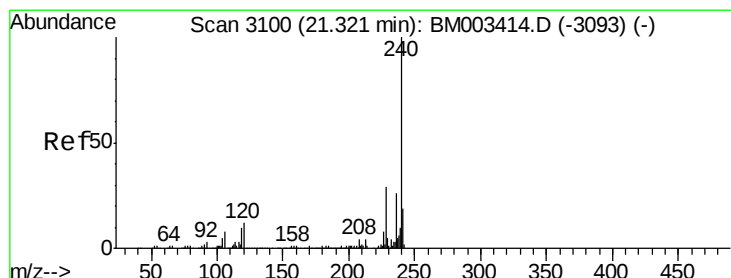
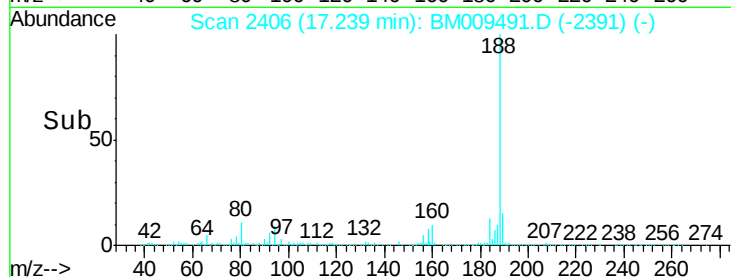
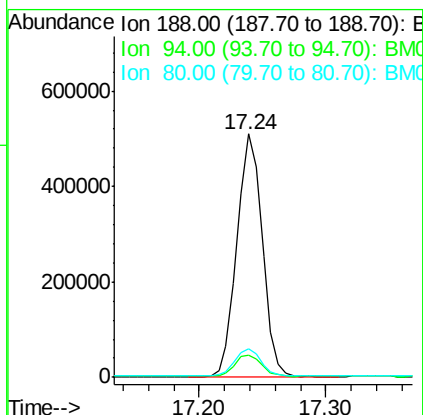
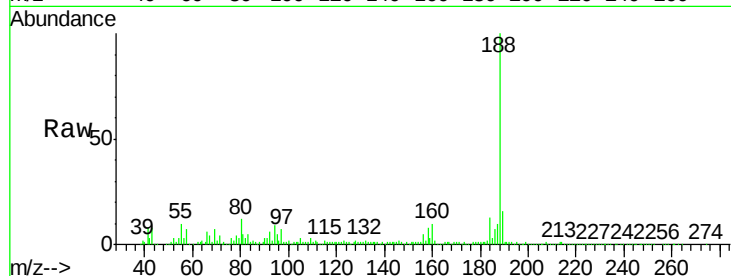




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009491.D
Acq: 01 Apr 2017 01:32

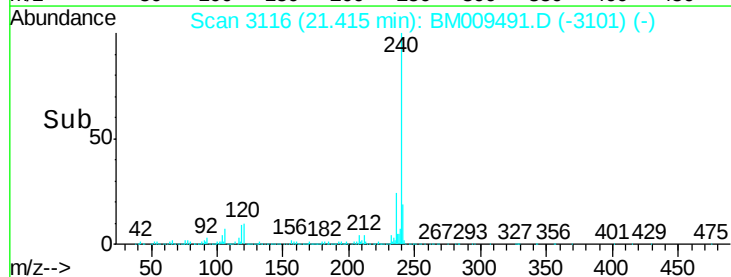
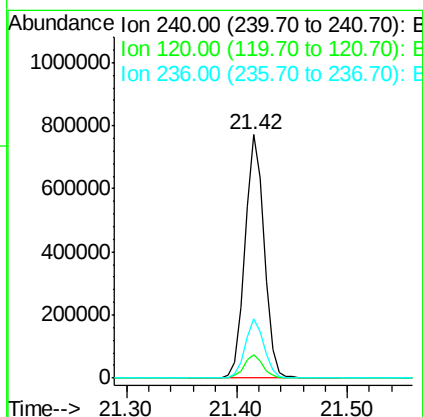
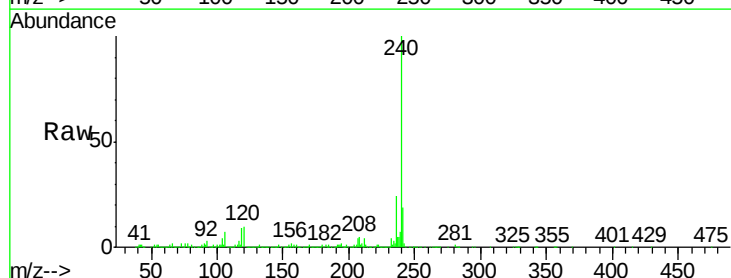
Instrument :
BNA_M
ClientSampleId :
GW-1

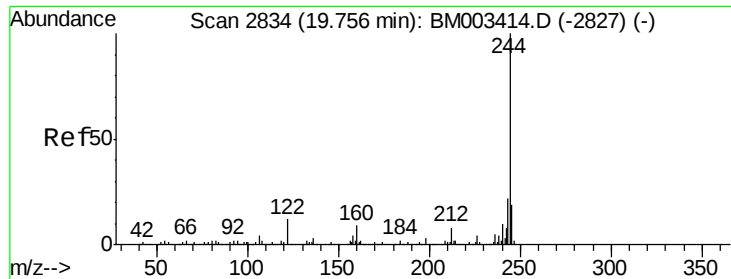
Tot Ion:188 Resp: 706831
Ion Ratio Lower Upper
188 100
94 9.2 8.7 13.1
80 11.9 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009491.D
Acq: 01 Apr 2017 01:32

Tgt Ion:240 Resp: 941588
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 24.3 20.0 30.0

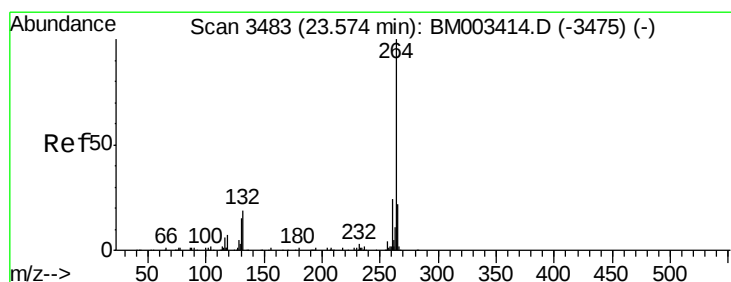
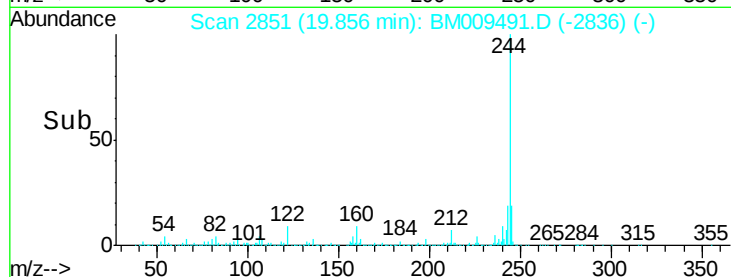
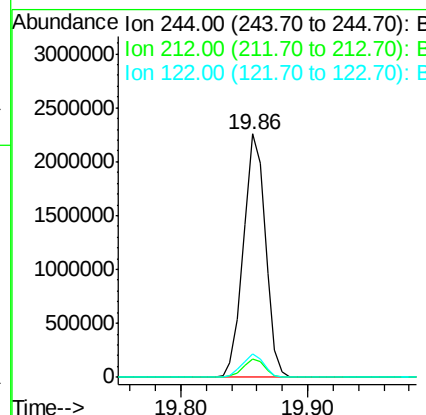
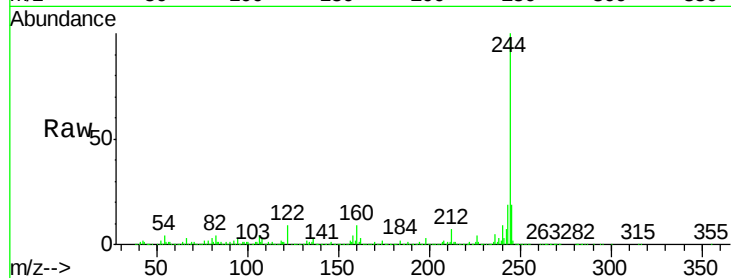




#78
 Terphenyl-d14
 Concen: 59.79 ng
 RT: 19.86 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BM009491.D
 Acq: 01 Apr 2017 01:32

Instrument :
 BNA_M
 ClientSampleId :
 GW-1

Tot Ion:244 Resp: 2694008
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.9 7.3#
 122 9.4 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.74 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM009491.D
 Acq: 01 Apr 2017 01:32

Tgt Ion:264 Resp: 884739
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.9 17.3 25.9

