

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
 Data File : BM009490.D
 Acq On : 01 Apr 2017 00:56
 Operator : SJ/MA
 Sample : I2474-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 49B-9-11

Quant Time: Apr 01 02:15:45 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	106811	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	406456	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	233974	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	559853	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	779802	20.00	ng	-0.01
86) Perylene-d12	23.74	264	749164	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	414279	64.65	ng	-0.01
7) Phenol-d6	7.00	99	358756	41.06	ng	-0.02
23) Nitrobenzene-d5	9.01	82	956522	88.23	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	370609	127.50	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1743529	89.79	ng	-0.02
78) Terphenyl-d14	19.86	244	2335506	62.58	ng	-0.01

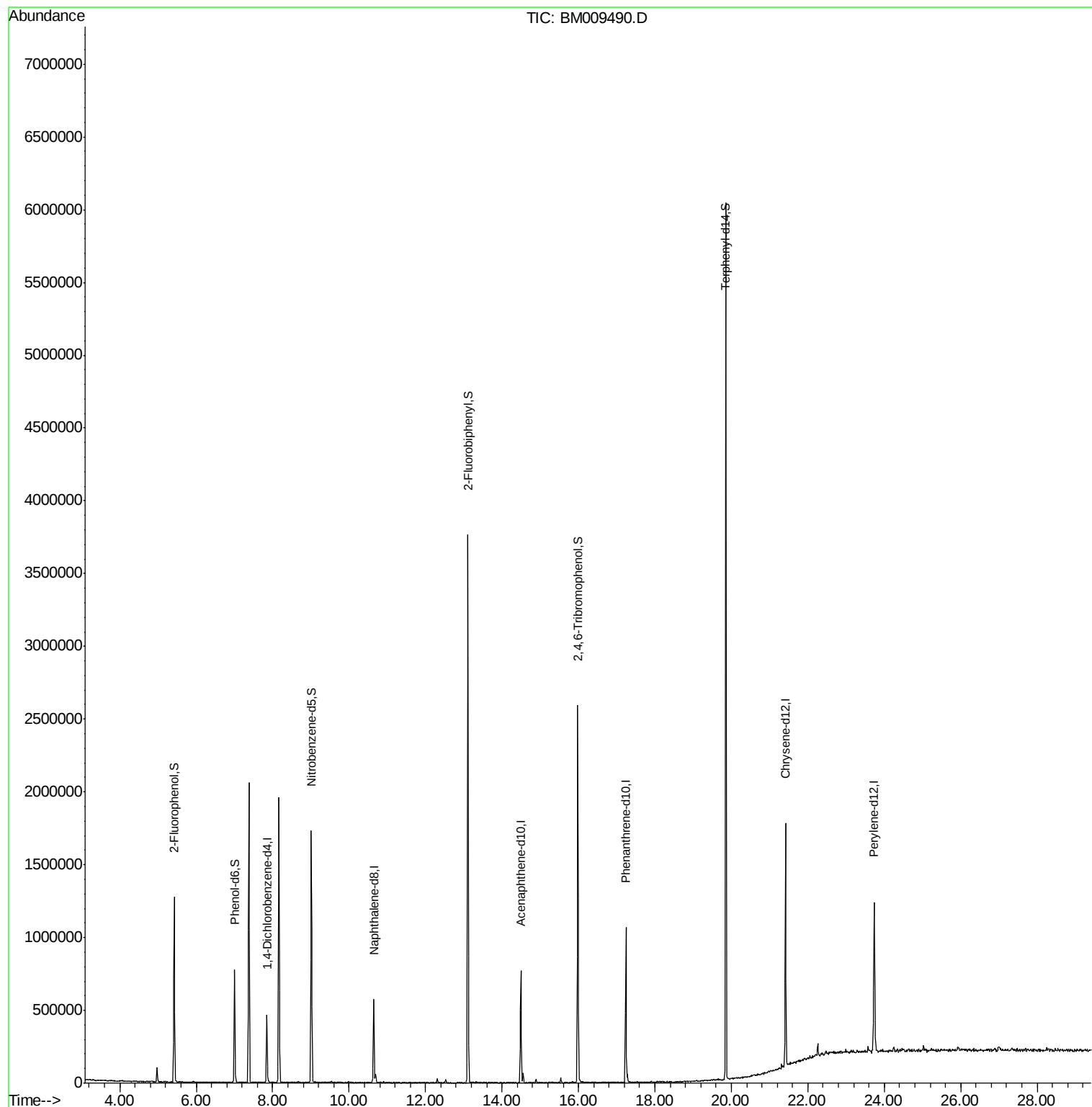
Target Compounds Qvalue

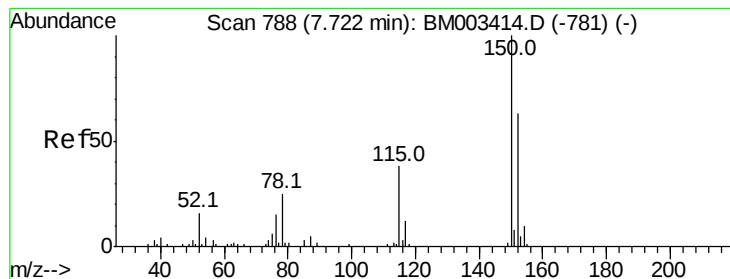
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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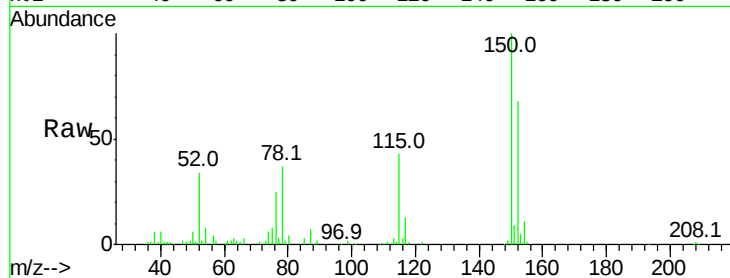


#1

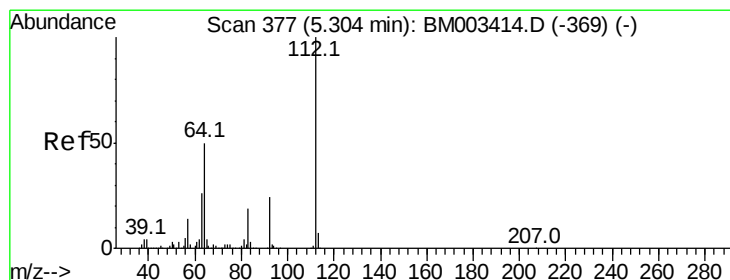
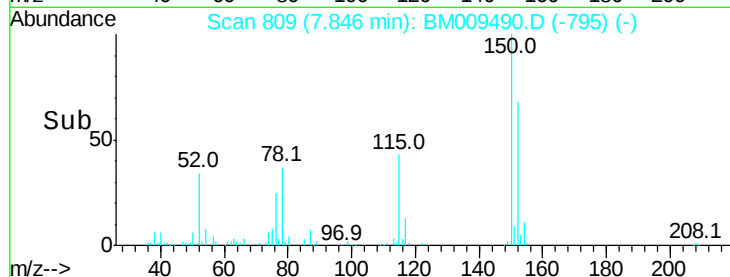
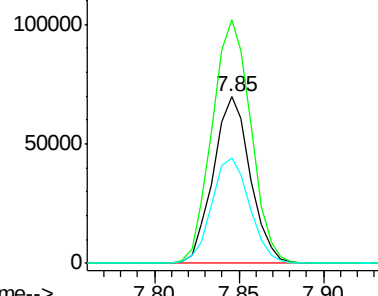
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009490.D
Acq: 01 Apr 2017 00:56

Instrument :
BNA_M
ClientSampleId :
49B-9-11

Tot Ion:152 Resp: 106811
Ion Ratio Lower Upper
152 100
150 146.0 119.5 179.3
115 63.1 43.0 64.4



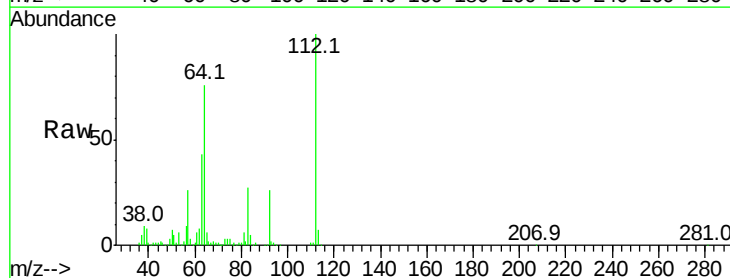
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



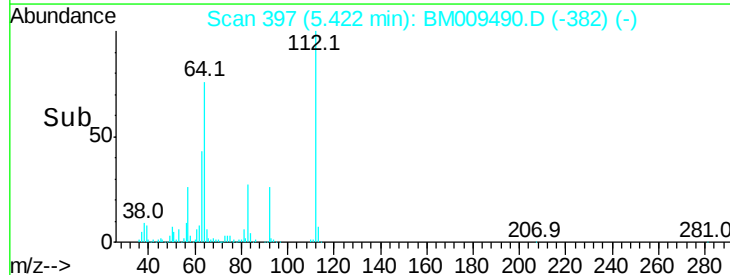
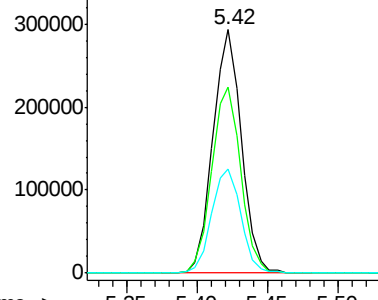
#5

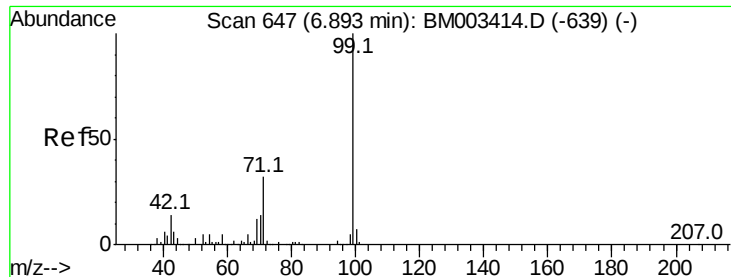
2-Fluorophenol
Concen: 64.65 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009490.D
Acq: 01 Apr 2017 00:56

Tgt Ion:112 Resp: 414279
Ion Ratio Lower Upper
112 100
64 76.5 38.6 57.8#
63 42.8 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: 41.06 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009490.D

Acq: 01 Apr 2017 00:56

Instrument :

BNA_M

ClientSampleId :

49B-9-11

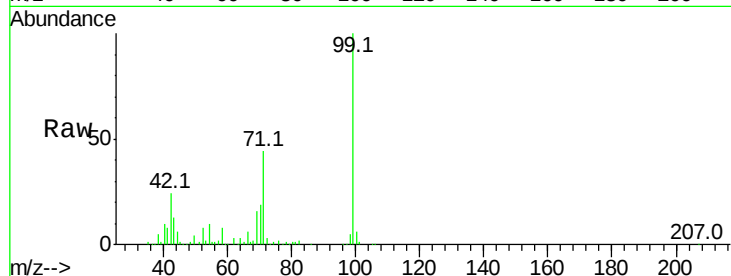
Tot Ion: 99 Resp: 358756

Ion Ratio Lower Upper

99 100

42 24.4 11.0 16.4#

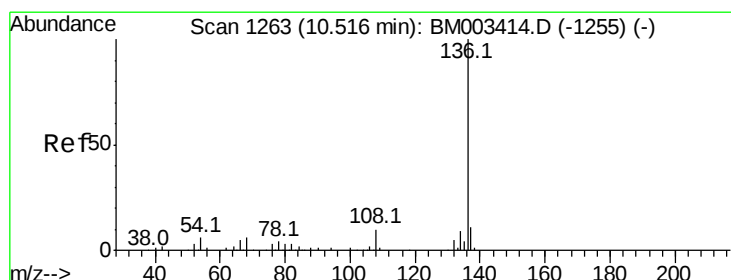
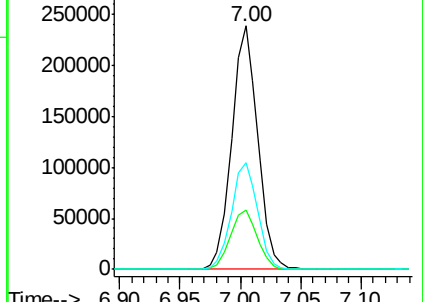
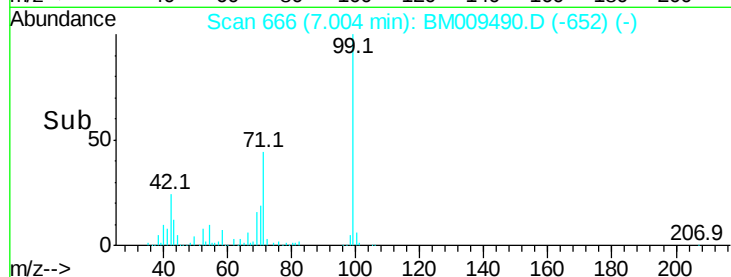
71 43.9 23.4 35.2#



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: BM009490.D

Acq: 01 Apr 2017 00:56

Tgt Ion: 136 Resp: 406456

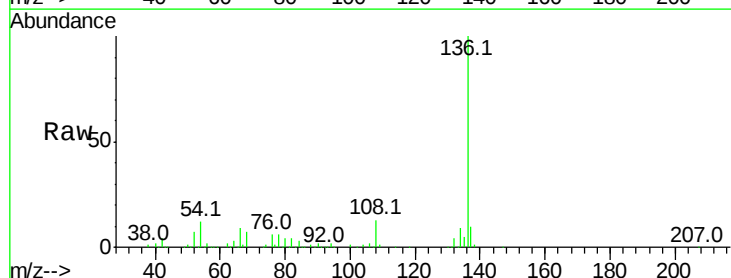
Ion Ratio Lower Upper

136 100

137 9.5 8.7 13.1

54 12.0 4.6 6.8#

68 7.1 3.7 5.5#

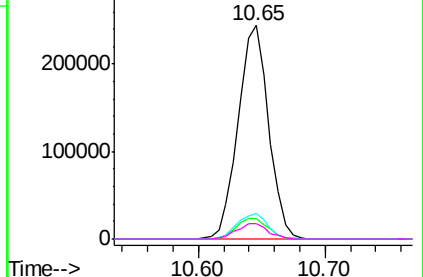
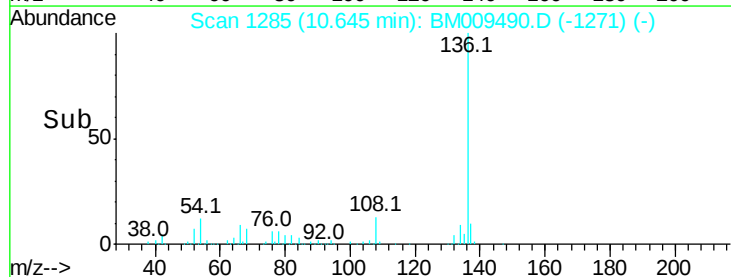


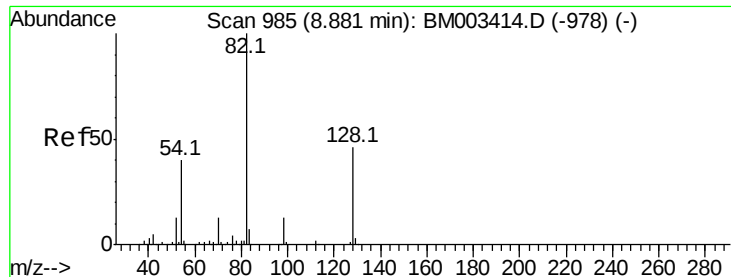
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

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) (-)

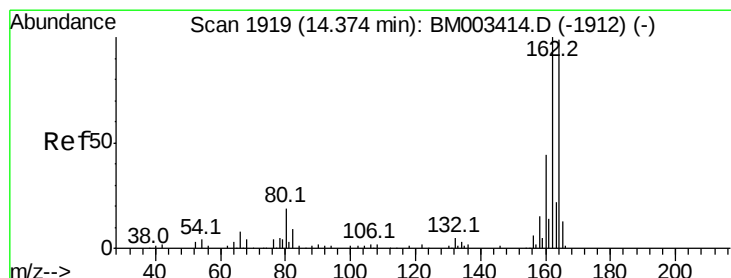
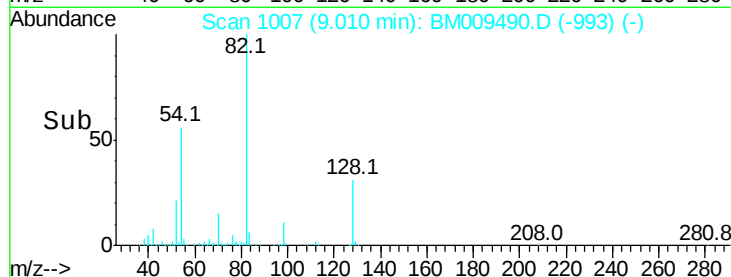
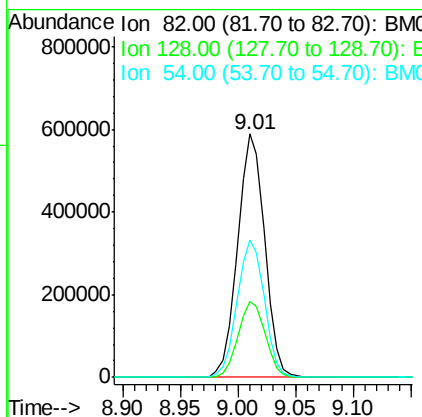
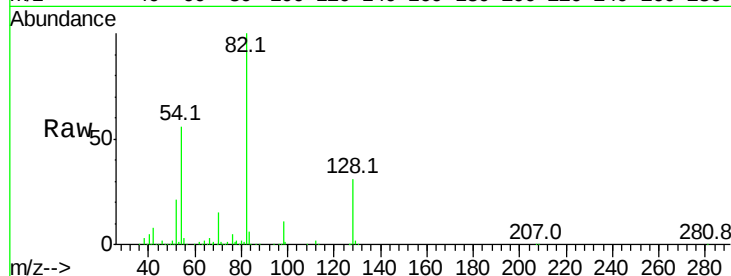




#23
Nitrobenzene-d5
Concen: 88.23 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BM009490.D
Acq: 01 Apr 2017 00:56

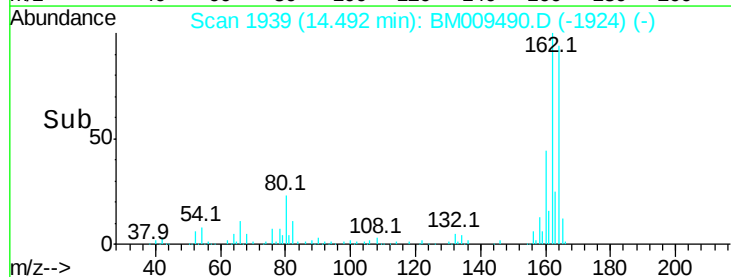
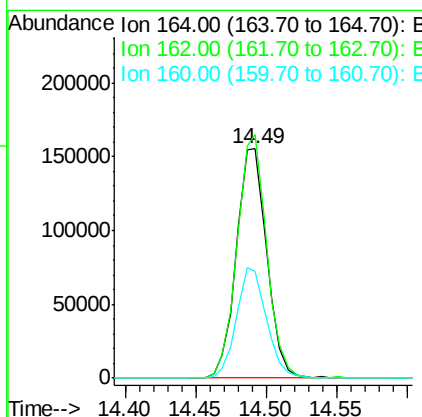
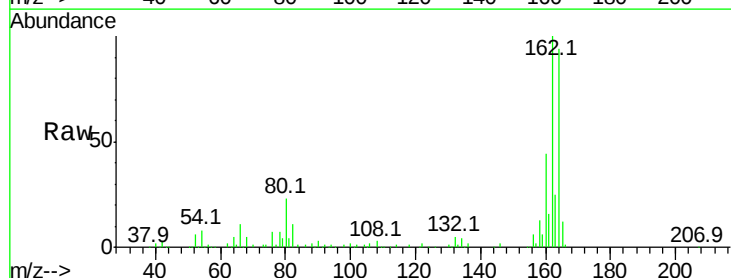
Instrument :
BNA_M
ClientSampleId :
49B-9-11

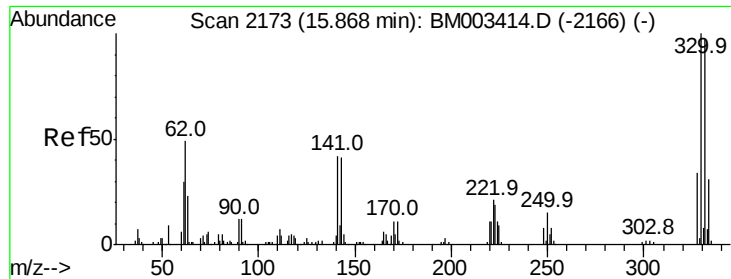
Tot Ion: 82 Resp: 956522
Ion Ratio Lower Upper
82 100
128 31.1 32.8 49.2#
54 56.4 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM009490.D
Acq: 01 Apr 2017 00:56

Tgt Ion:164 Resp: 233974
Ion Ratio Lower Upper
164 100
162 106.1 82.4 123.6
160 46.8 35.8 53.6

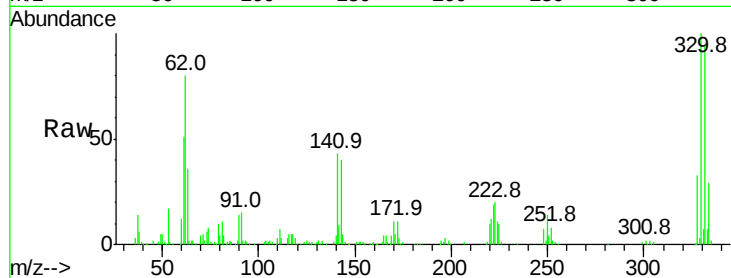




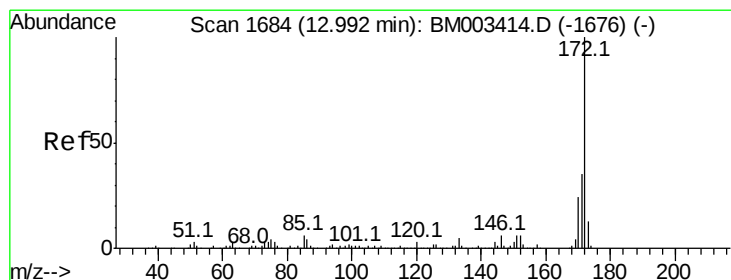
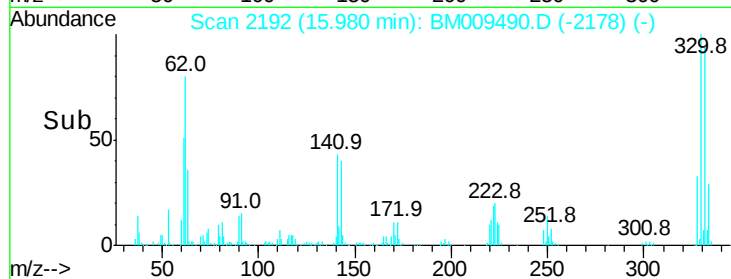
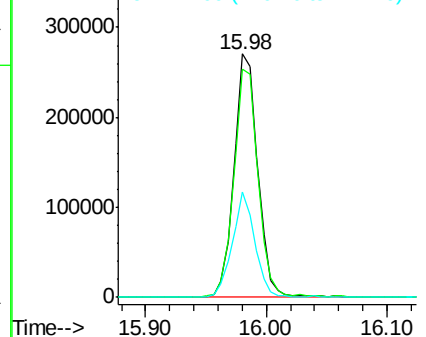
#41
 2,4,6-Tribromophenol
 Concen: 127.50 ng
 RT: 15.98 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BM009490.D
 Acq: 01 Apr 2017 00:56

Instrument :
 BNA_M
 ClientSampleId :
 49B-9-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	41.3	0.0	0.0#

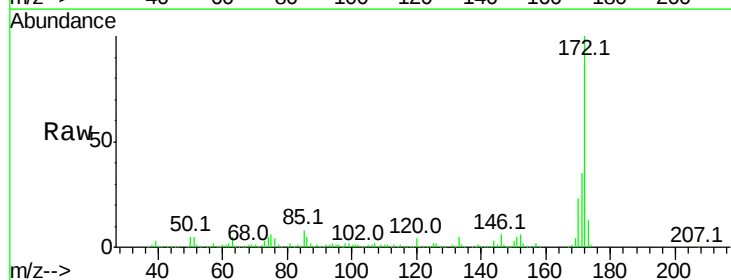


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

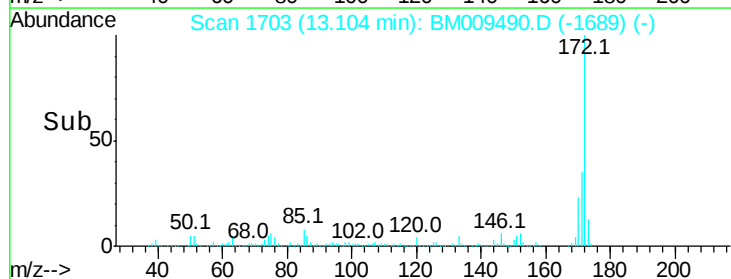
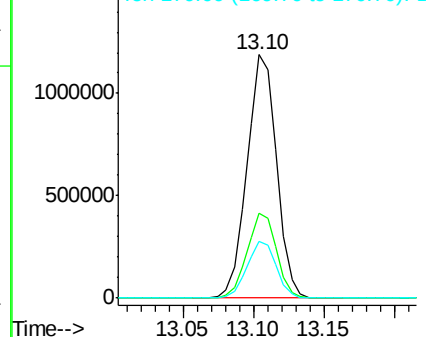


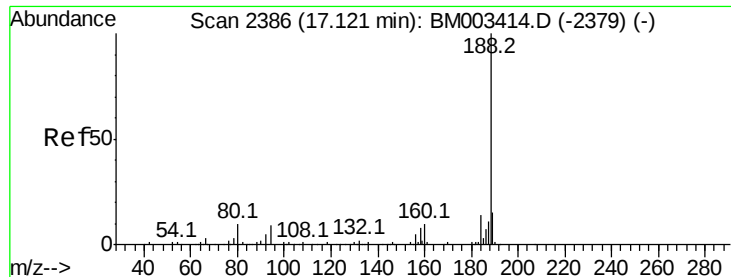
#44
 2-Fluorobiphenyl
 Concen: 89.79 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009490.D
 Acq: 01 Apr 2017 00:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.1	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: BM009490.D

Acq: 01 Apr 2017 00:56

Instrument :

BNA_M

ClientSampleId :

49B-9-11

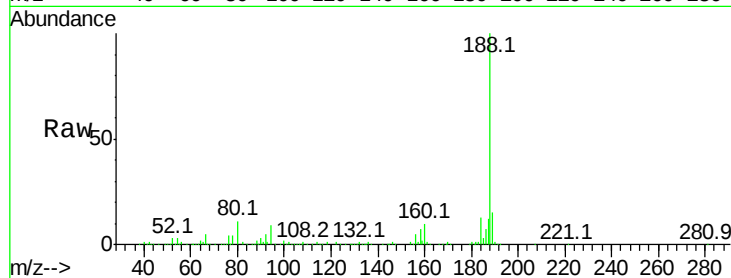
Tot Ion:188 Resp: 559853

Ion Ratio Lower Upper

188 100

94 9.3 8.7 13.1

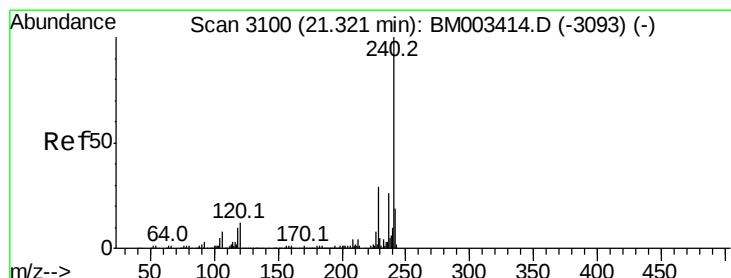
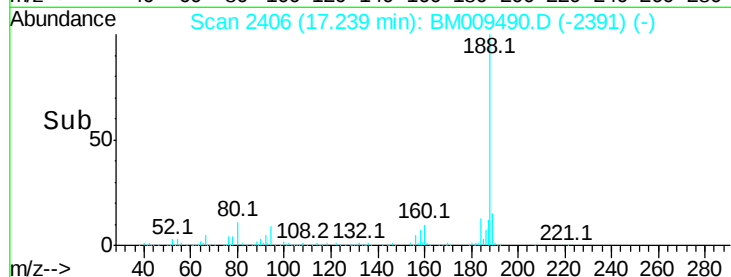
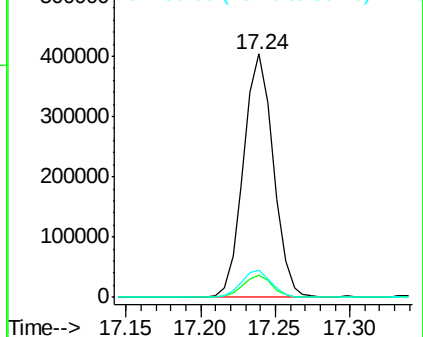
80 11.3 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009490.D

Acq: 01 Apr 2017 00:56

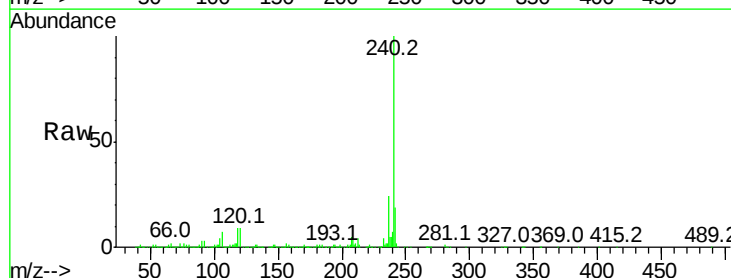
Tgt Ion:240 Resp: 779802

Ion Ratio Lower Upper

240 100

120 8.8 8.2 12.2

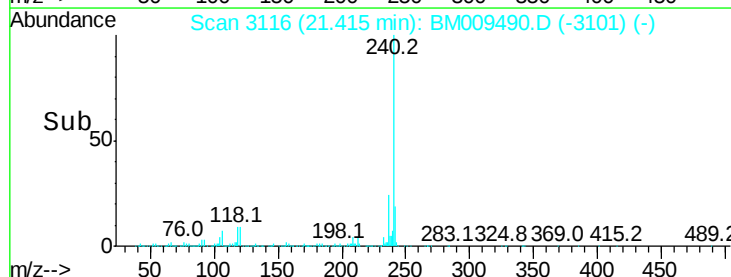
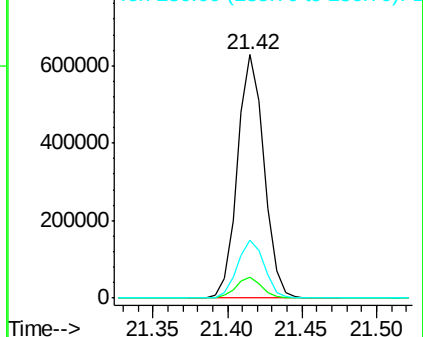
236 24.0 20.0 30.0

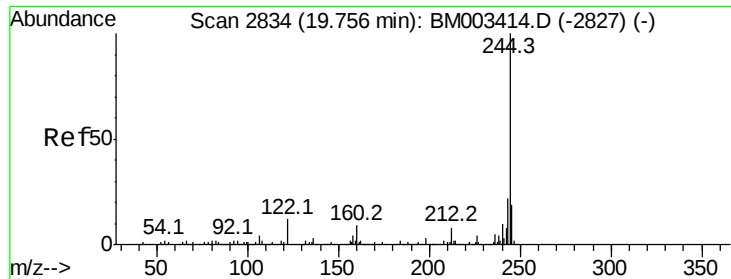


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 62.58 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009490.D

Acq: 01 Apr 2017 00:56

Instrument :

BNA_M

ClientSampleId :

49B-9-11

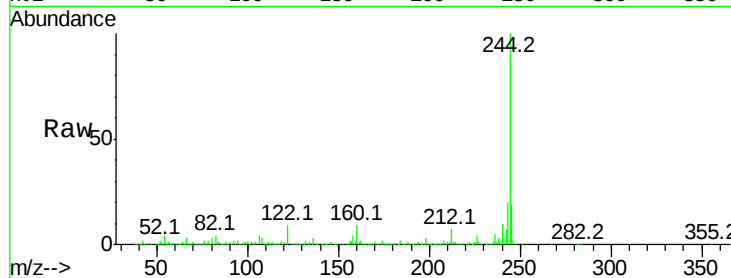
Tot Ion:244 Resp: 2335506

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

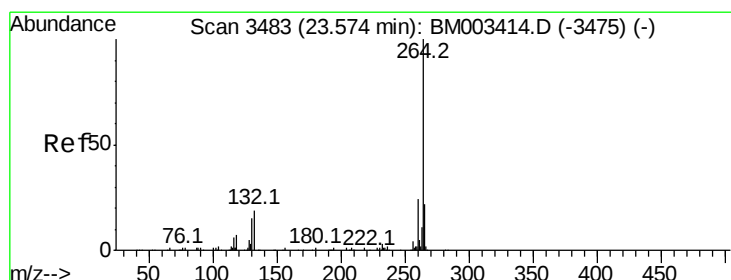
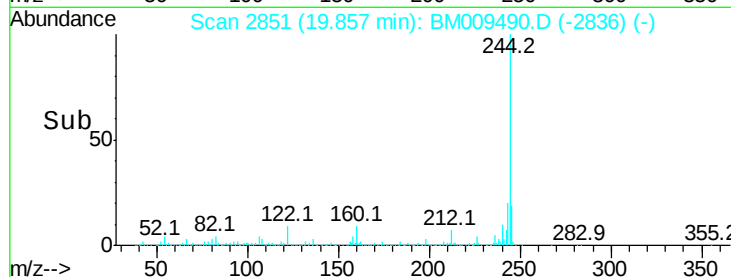
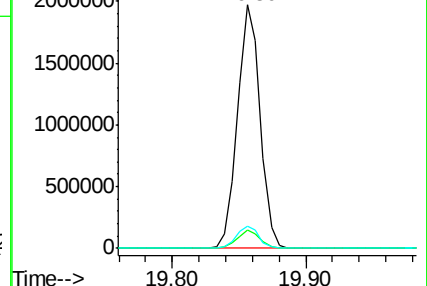
122 9.1 6.2 9.4



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: 23.74 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM009490.D

Acq: 01 Apr 2017 00:56

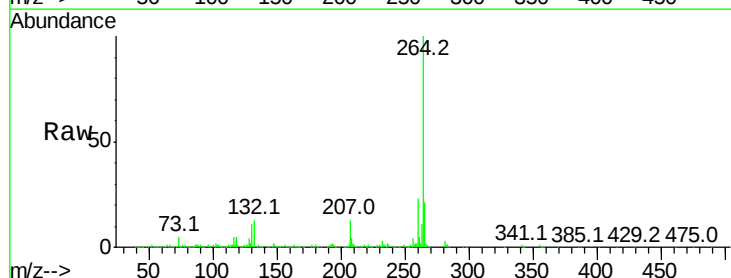
Tgt Ion:264 Resp: 749164

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 21.4 17.3 25.9



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

