

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040517\
 Data File : BM009532.D
 Acq On : 04 Apr 2017 16:39
 Operator : SJ/MA
 Sample : PB98027BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BL

Quant Time: Apr 05 02:15:27 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	115081	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	450038	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	252819	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	611175	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	785815	20.00	ng	-0.01
86) Perylene-d12	23.74	264	721448	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1024836	148.44	ng	-0.01
7) Phenol-d6	7.00	99	1387903	147.41	ng	-0.02
23) Nitrobenzene-d5	9.01	82	977109	81.41	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	436380	138.94	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1759401	83.85	ng	-0.02
78) Terphenyl-d14	19.86	244	2824087	75.10	ng	-0.01

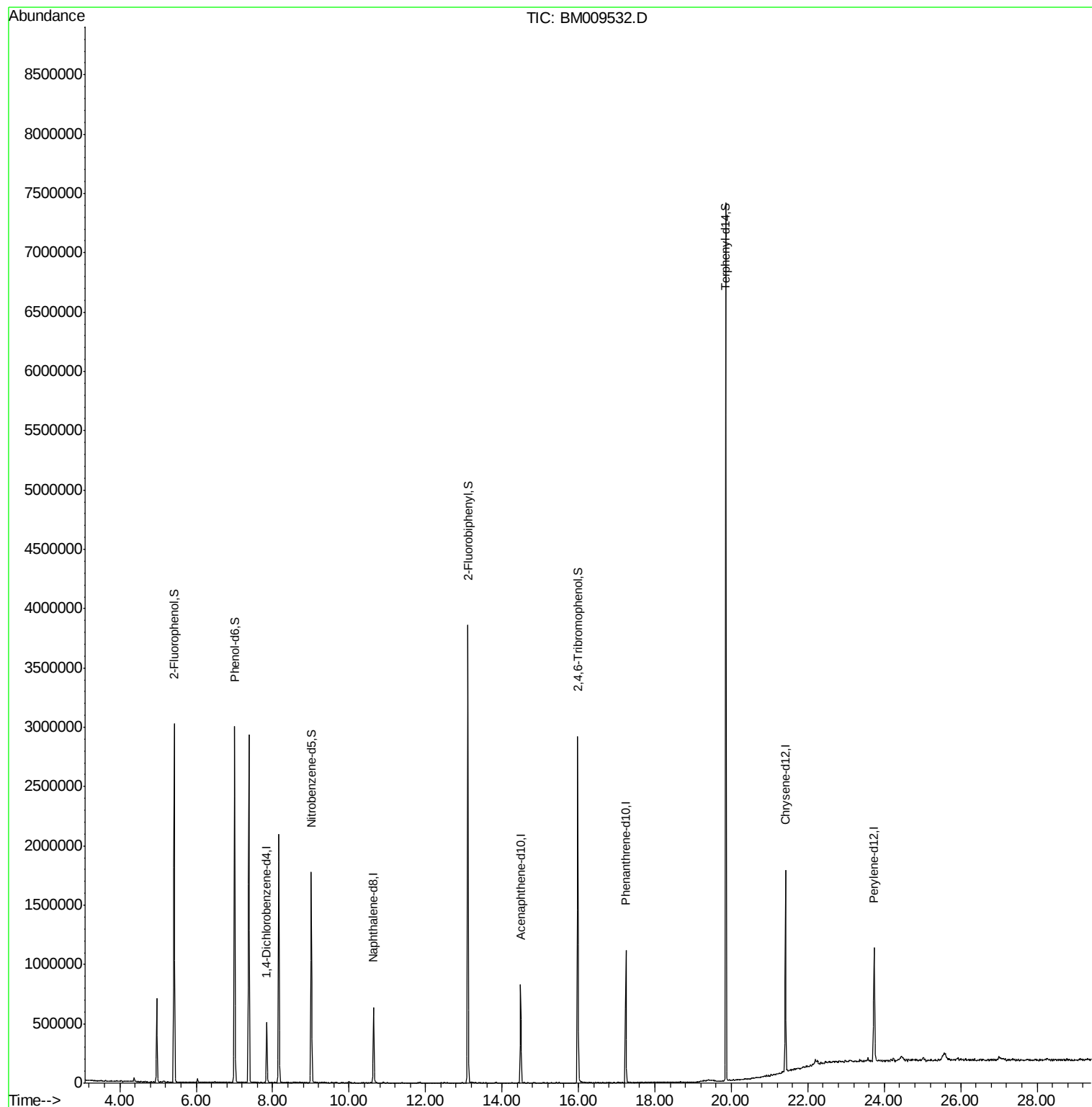
Target Compounds	Qvalue
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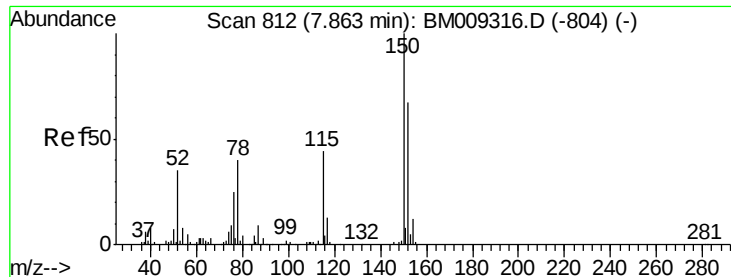
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 31 12:10:26 2017
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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: BM009532.D

Acq: 04 Apr 2017 16:39

Instrument :

BNA_M

ClientSampled :

PB98027BL

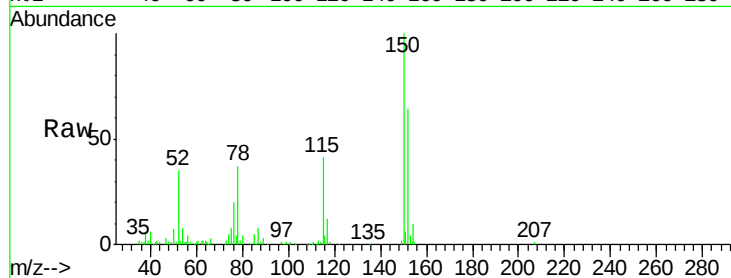
Tgt Ion:152 Resp: 115081

Ion Ratio Lower Upper

152 100

150 155.1 119.5 179.3

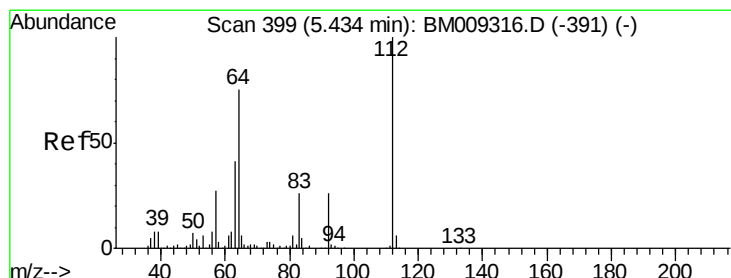
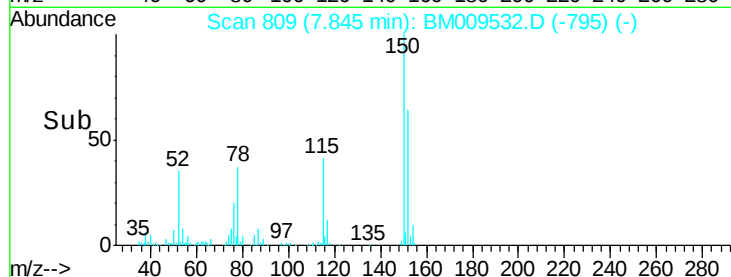
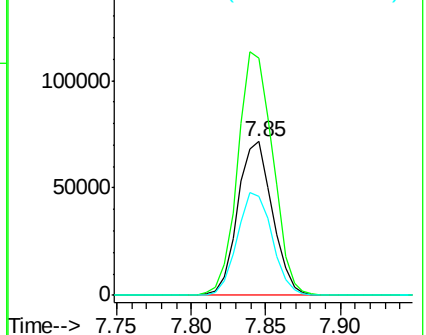
115 64.2 43.0 64.4



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: 148.44 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009532.D

Acq: 04 Apr 2017 16:39

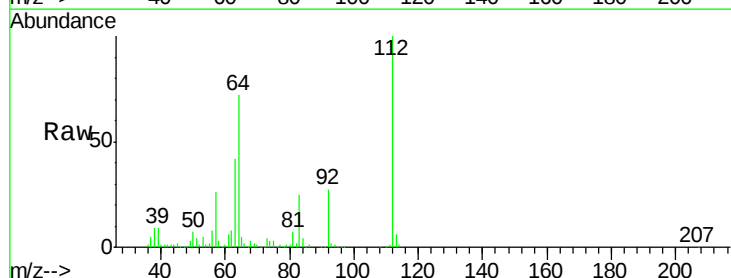
Tgt Ion:112 Resp: 1024836

Ion Ratio Lower Upper

112 100

64 72.5 38.6 57.8#

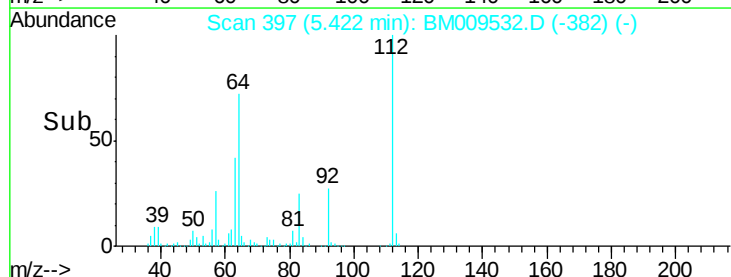
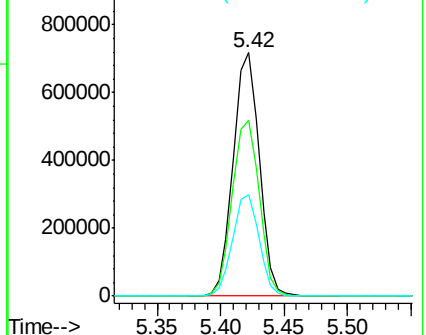
63 41.5 19.3 28.9#

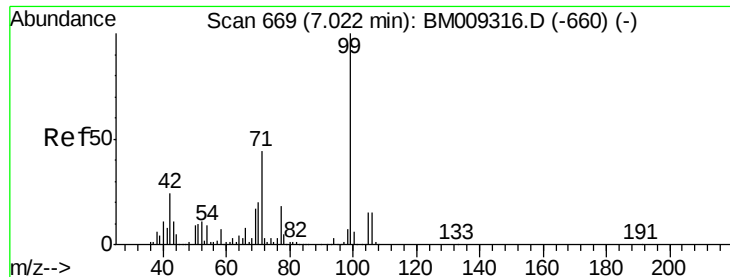


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 147.41 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009532.D

Acq: 04 Apr 2017 16:39

Instrument :

BNA_M

ClientSampleId :

PB98027BL

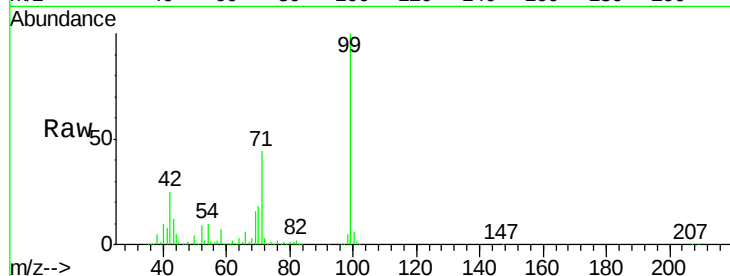
Tgt Ion: 99 Resp: 1387903

Ion Ratio Lower Upper

99 100

42 24.9 11.0 16.4#

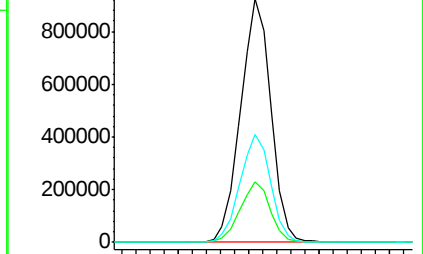
71 44.3 23.4 35.2#



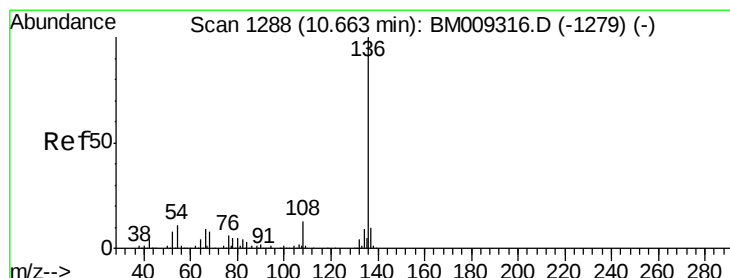
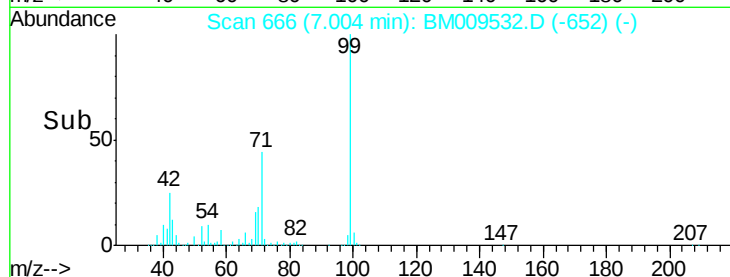
Abundance Ion 99.00 (98.70 to 99.70): BM009316.D (-660) (-)

Ion 42.00 (41.70 to 42.70): BM009316.D (-660) (-)

Ion 71.00 (70.70 to 71.70): BM009316.D (-660) (-)



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BM009532.D

Acq: 04 Apr 2017 16:39

Tgt Ion: 136 Resp: 450038

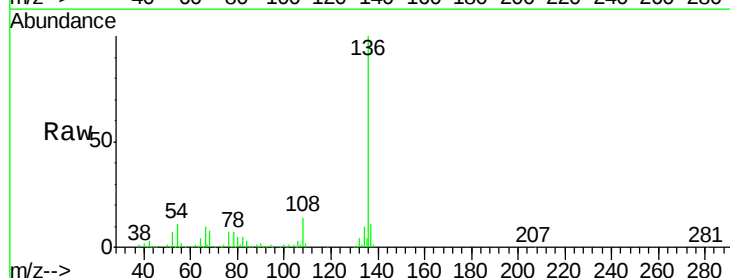
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 11.3 4.6 6.8#

68 8.3 3.7 5.5#

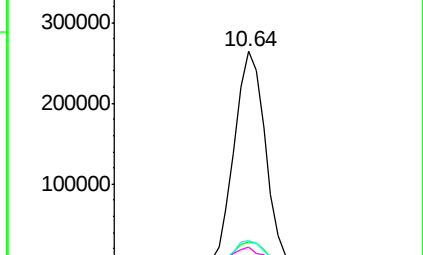


Abundance Ion 136.00 (135.70 to 136.70): BM009316.D (-1279) (-)

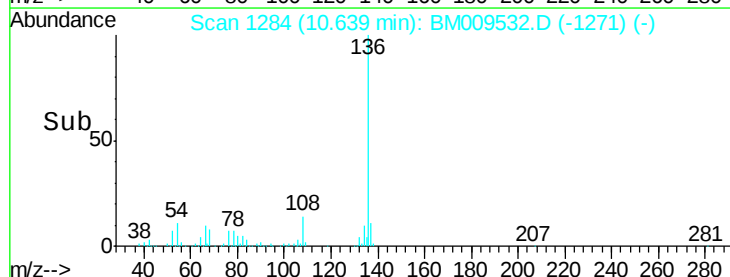
Ion 137.00 (136.70 to 137.70): BM009316.D (-1279) (-)

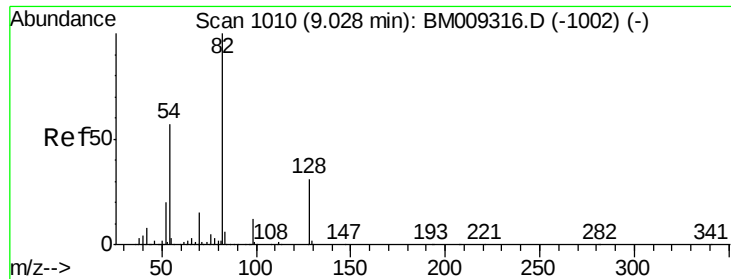
Ion 54.00 (53.70 to 54.70): BM009316.D (-1279) (-)

Ion 68.00 (67.70 to 68.70): BM009316.D (-1279) (-)



Time-->

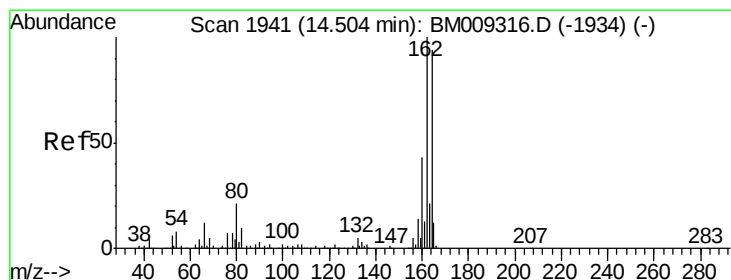
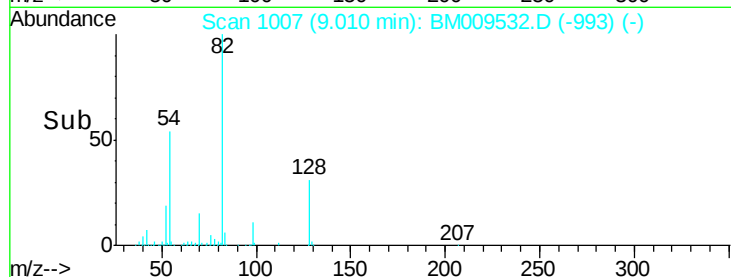
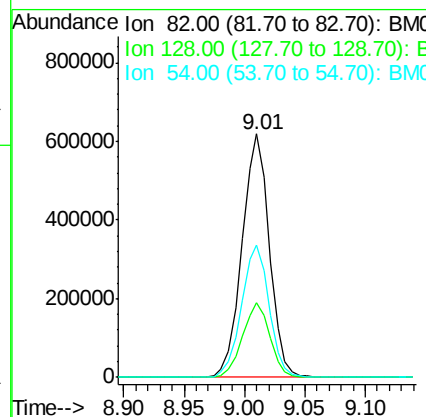
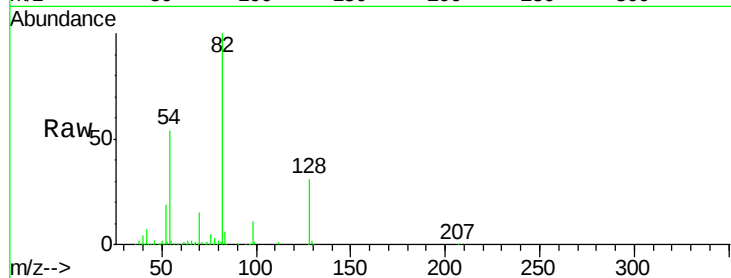




#23
 Nitrobenzene-d5
 Concen: 81.41 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009532.D
 Acq: 04 Apr 2017 16:39

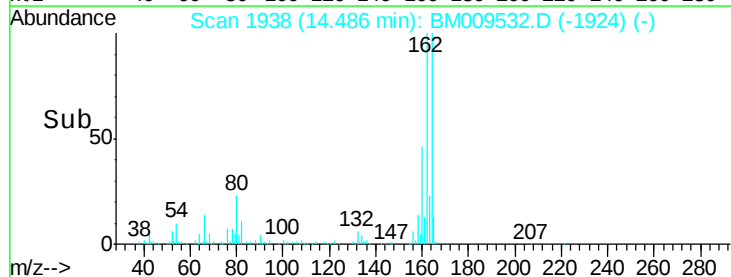
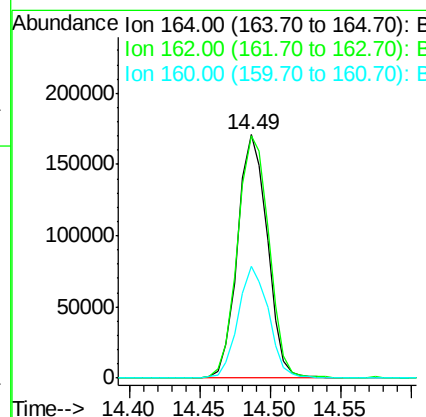
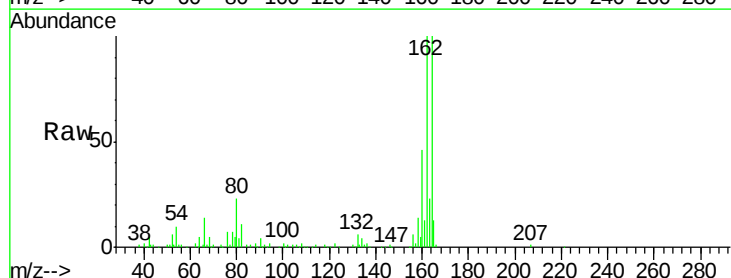
Instrument :
 BNA_M
 ClientSampleId :
 PB98027BL

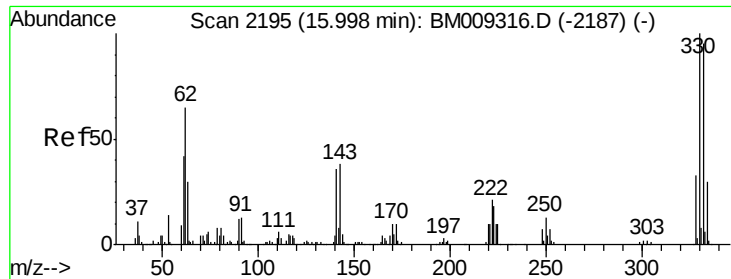
Tgt Ion	Ratio	Lower	Upper
82	100		
128	30.9	32.8	49.2#
54	54.5	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BM009532.D
 Acq: 04 Apr 2017 16:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.4	123.6
160	46.0	35.8	53.6

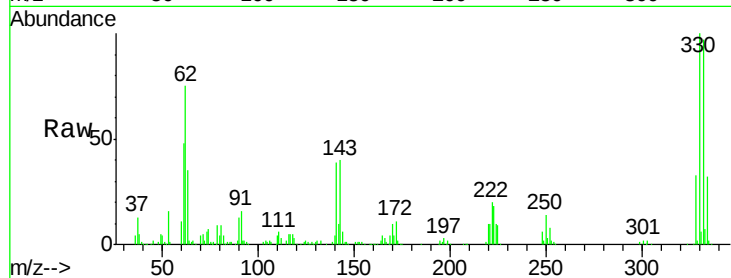




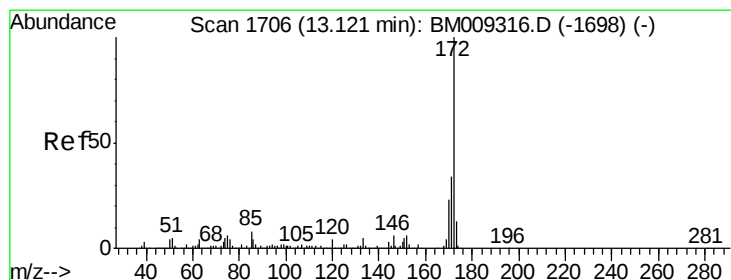
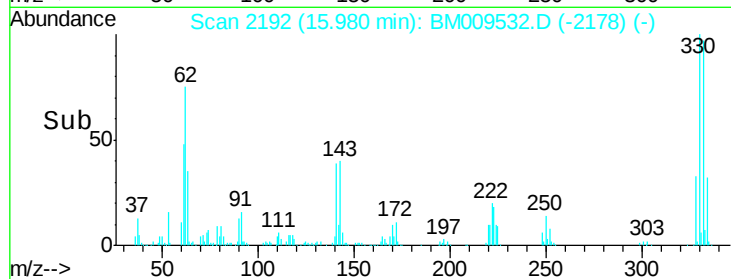
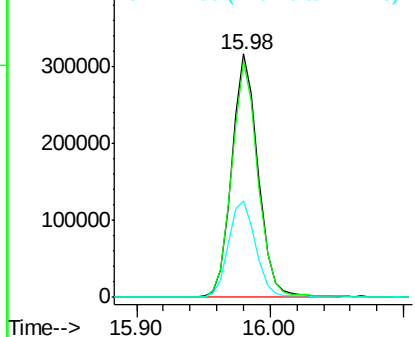
#41
 2,4,6-Tribromophenol
 Concen: 138.94 ng
 RT: 15.98 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BM009532.D
 Acq: 04 Apr 2017 16:39

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BL

Tgt Ion:330 Resp: 436380
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 41.2 0.0 0.0#

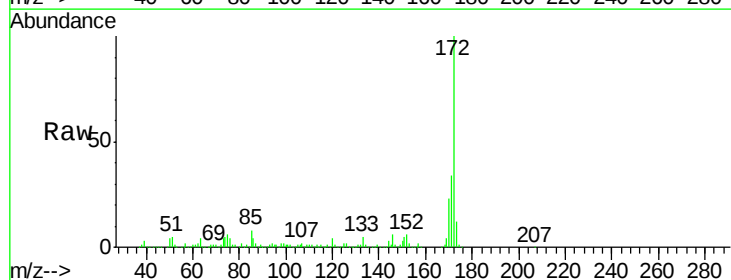


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

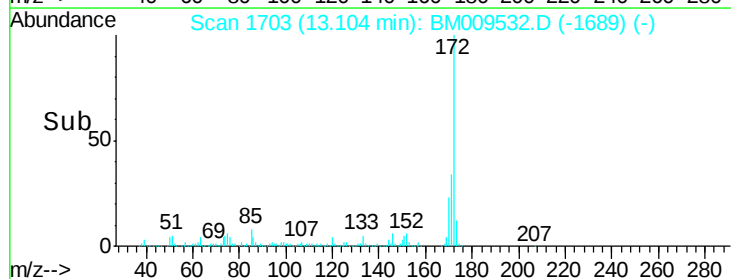
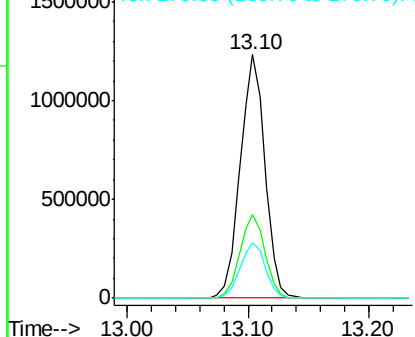


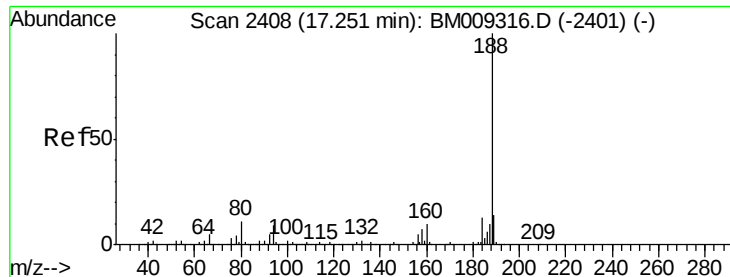
#44
 2-Fluorobiphenyl
 Concen: 83.85 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009532.D
 Acq: 04 Apr 2017 16:39

Tgt Ion:172 Resp: 1759401
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.5 42.7
 170 22.7 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

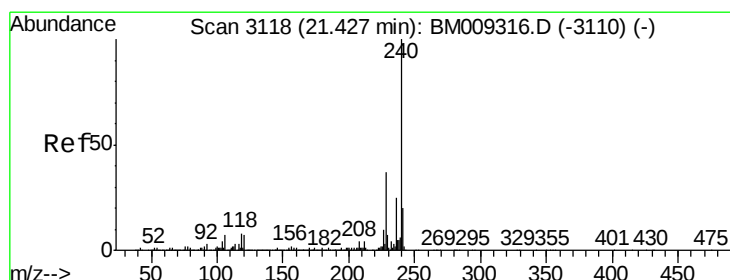
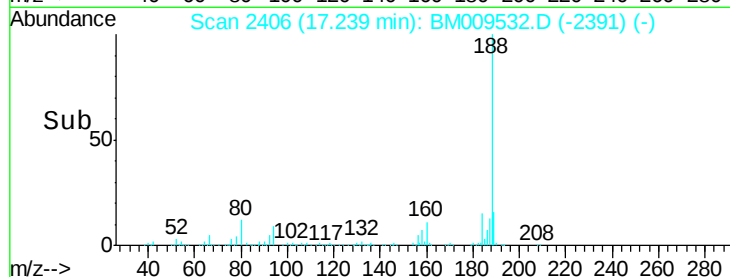
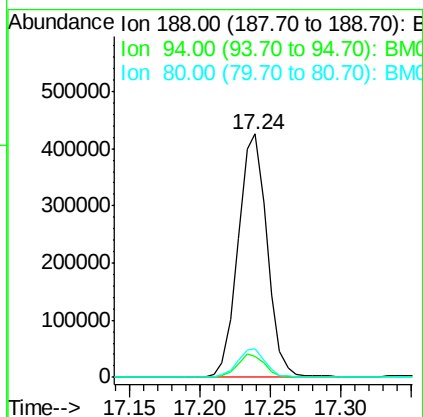
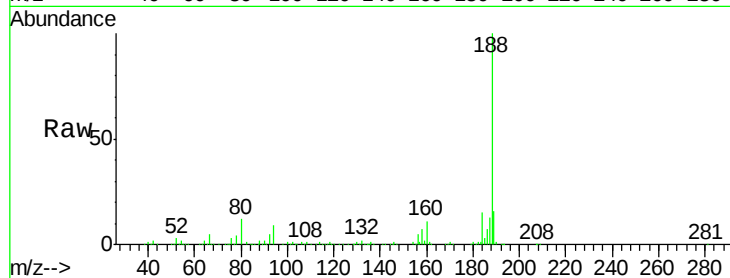




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009532.D
Acq: 04 Apr 2017 16:39

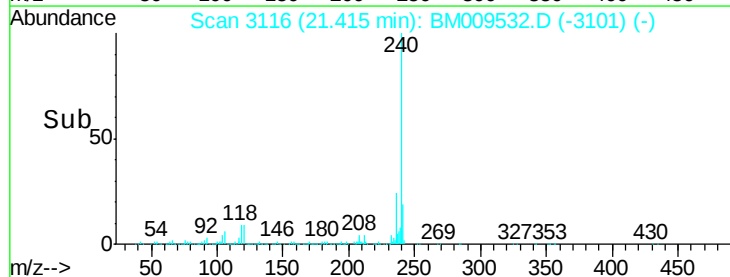
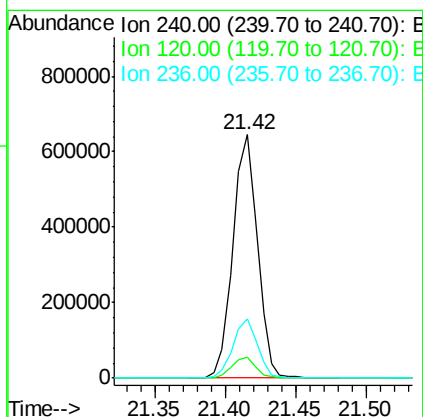
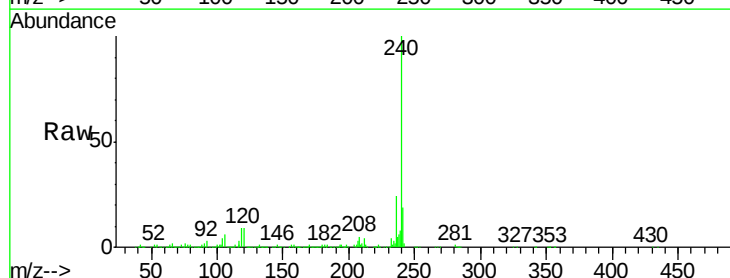
Instrument :
BNA_M
ClientSampled :
PB98027BL

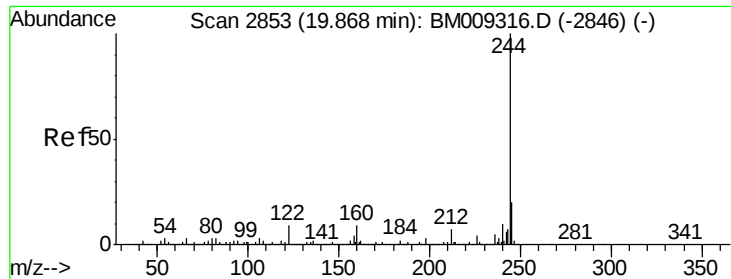
Tgt Ion:188 Resp: 611175
Ion Ratio Lower Upper
188 100
94 8.7 8.7 13.1#
80 12.0 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009532.D
Acq: 04 Apr 2017 16:39

Tgt Ion:240 Resp: 785815
Ion Ratio Lower Upper
240 100
120 8.8 8.2 12.2
236 24.1 20.0 30.0





#78

Terphenyl-d14

Concen: 75.10 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009532.D

Acq: 04 Apr 2017 16:39

Instrument :

BNA_M

ClientSampleId :

PB98027BL

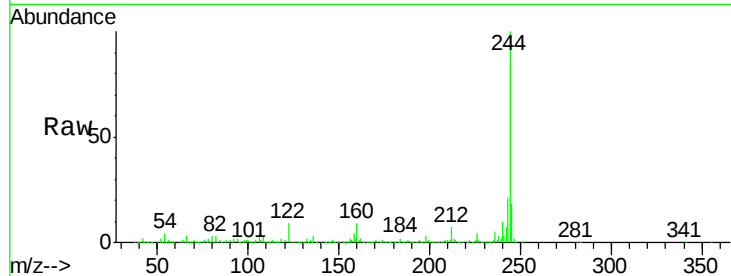
Tgt Ion:244 Resp: 2824087

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

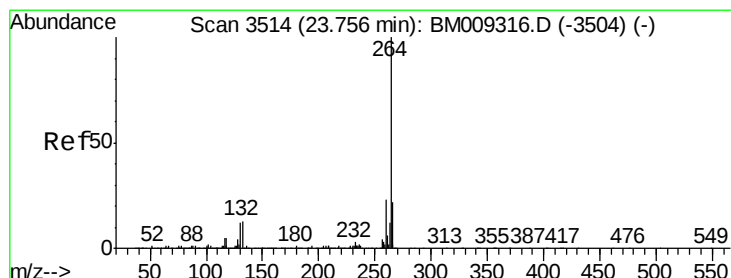
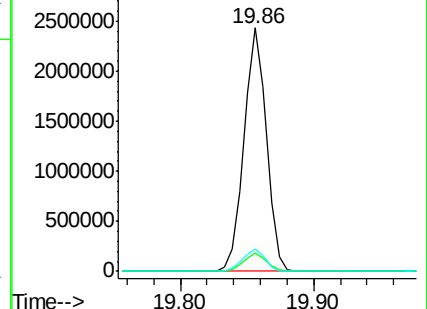
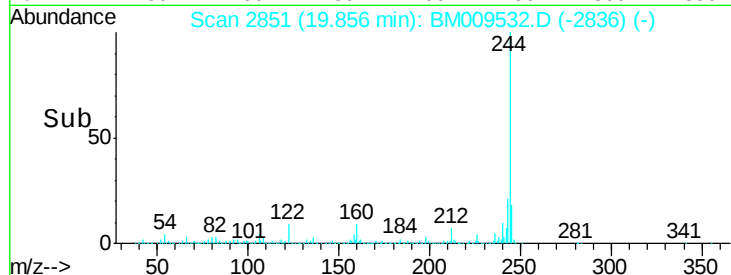
122 9.3 6.2 9.4



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: BM009532.D

Acq: 04 Apr 2017 16:39

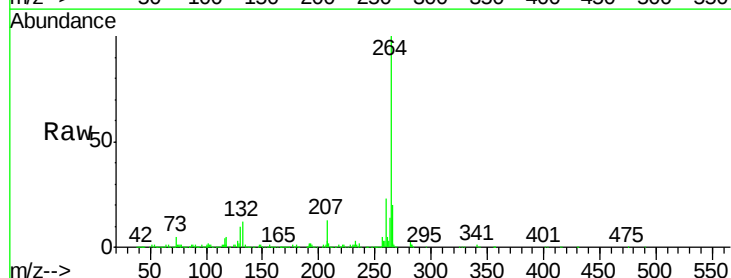
Tgt Ion:264 Resp: 721448

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

265 19.7 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

