

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009516.D
 Acq On : 04 Apr 2017 00:41
 Operator : SJ/MA
 Sample : I2507-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)

Quant Time: Apr 04 01:24:19 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

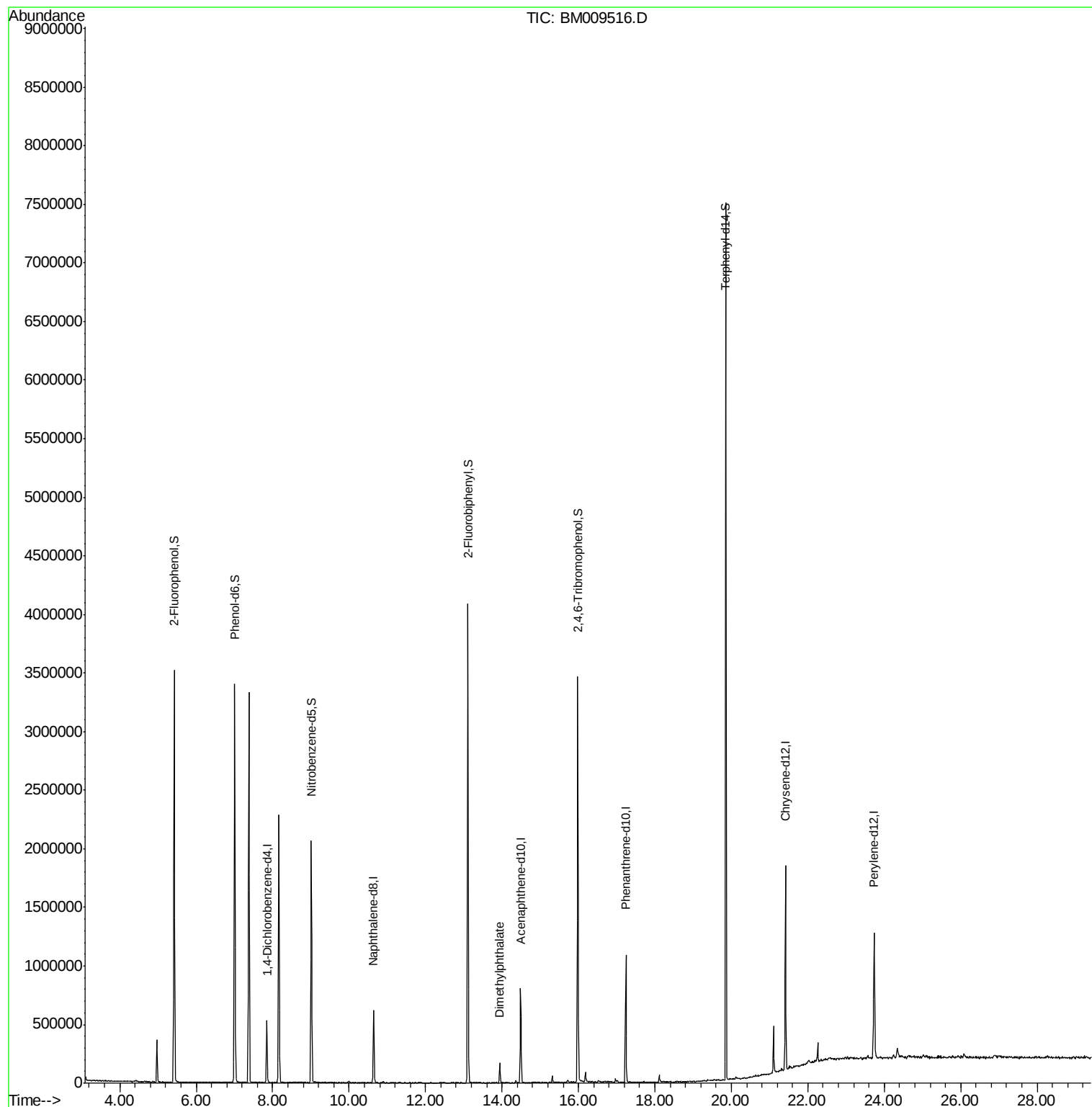
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	119593	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	427829	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	245371	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	592248	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	801530	20.00	ng	-0.01
86) Perylene-d12	23.74	264	781608	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1141692	159.12	ng	-0.01
7) Phenol-d6	7.01	99	1635723	167.18	ng	-0.01
23) Nitrobenzene-d5	9.01	82	1130816	99.10	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	500594	164.22	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1891702	92.90	ng	-0.02
78) Terphenyl-d14	19.86	244	2920542	76.14	ng	-0.01
Target Compounds						
49) Dimethylphthalate	13.94	163	99691	5.29	ng	Qvalue # 98

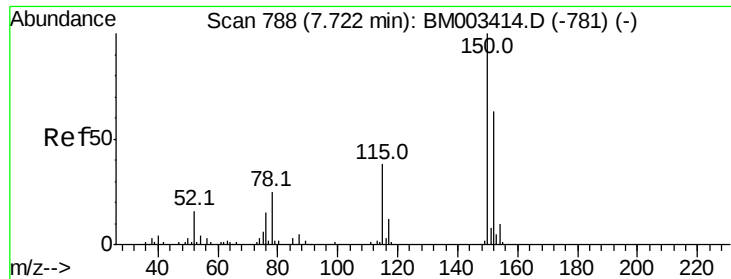
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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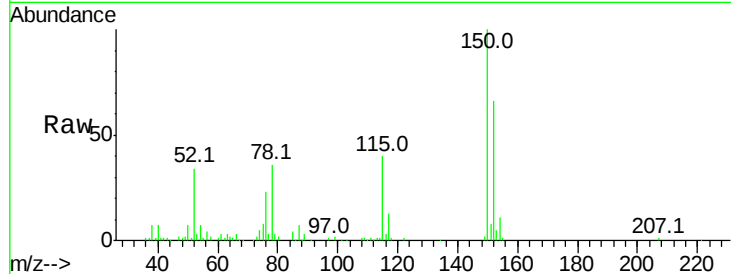


#1

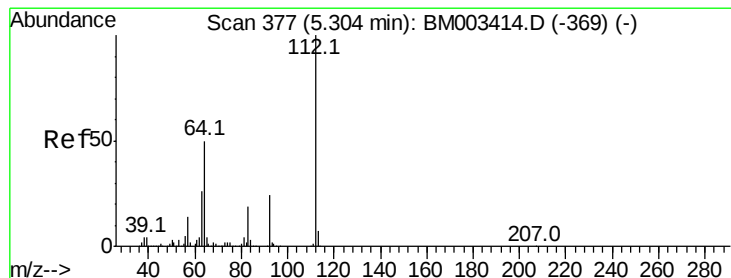
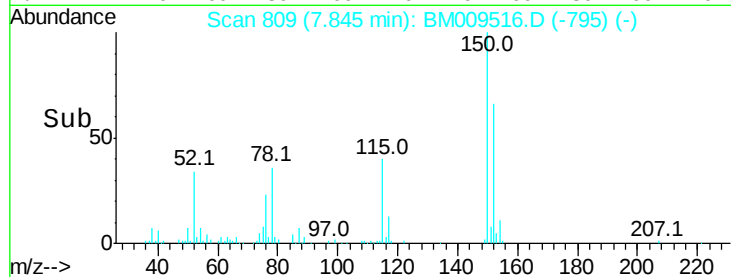
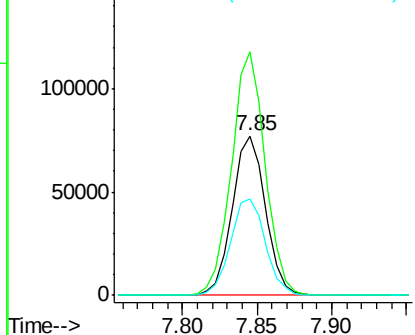
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009516.D
Acq: 04 Apr 2017 00:41

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)

Tot Ion:152 Resp: 119593
Ion Ratio Lower Upper
152 100
150 152.5 119.5 179.3
115 60.4 43.0 64.4



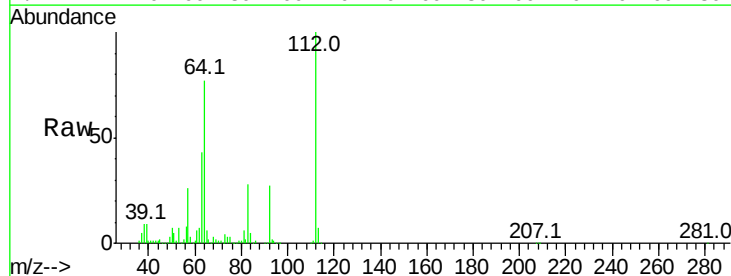
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



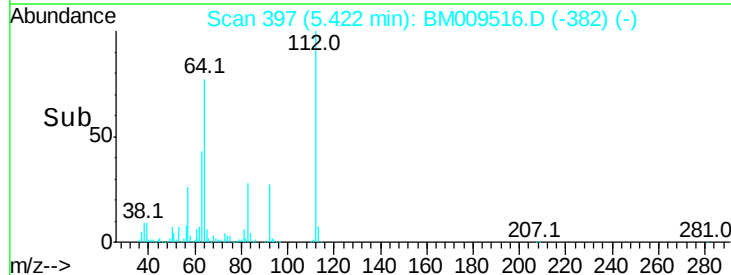
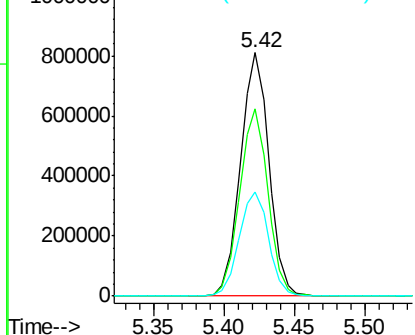
#5

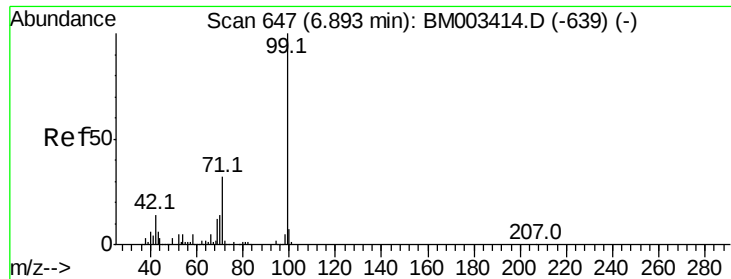
2-Fluorophenol
Concen: 159.12 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009516.D
Acq: 04 Apr 2017 00:41

Tgt Ion:112 Resp: 1141692
Ion Ratio Lower Upper
112 100
64 76.8 38.6 57.8#
63 42.9 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: 167.18 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009516.D

Acq: 04 Apr 2017 00:41

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)

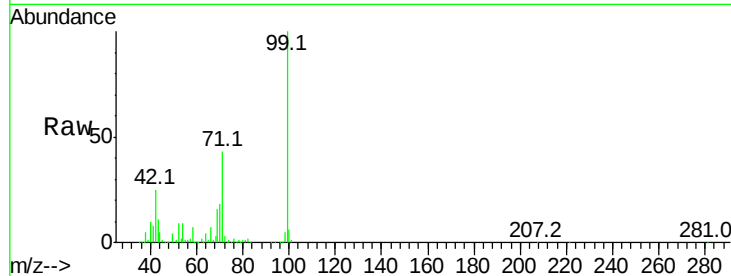
Tot Ion: 99 Resp: 1635723

Ion Ratio Lower Upper

99 100

42 24.7 11.0 16.4#

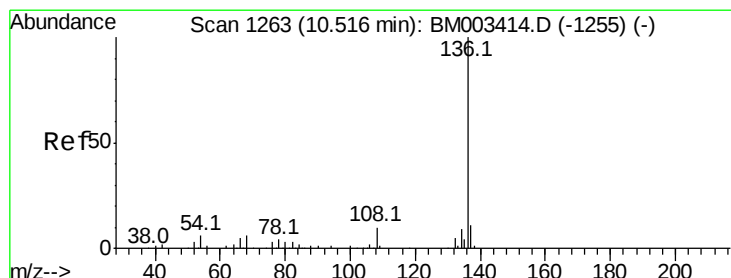
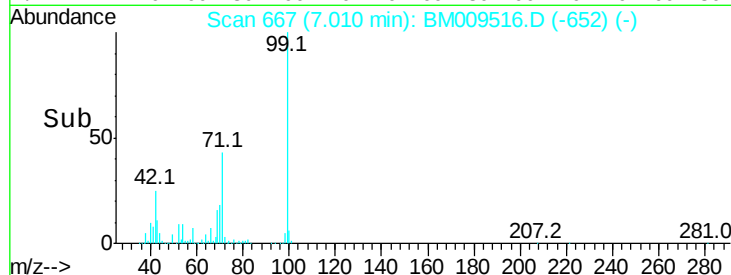
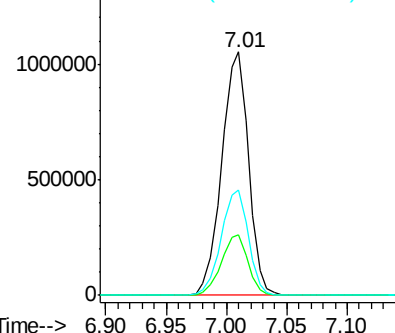
71 43.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009516.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009516.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009516.D (-652) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BM009516.D

Acq: 04 Apr 2017 00:41

Tgt Ion: 136 Resp: 427829

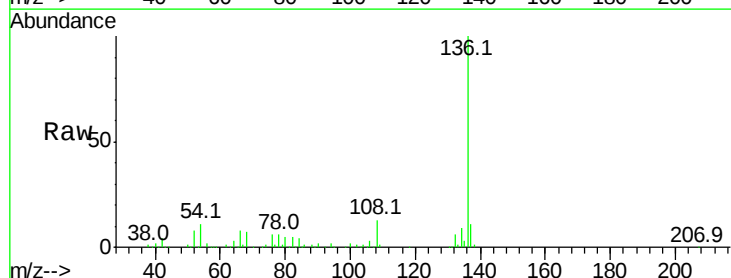
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.0 4.6 6.8#

68 7.2 3.7 5.5#

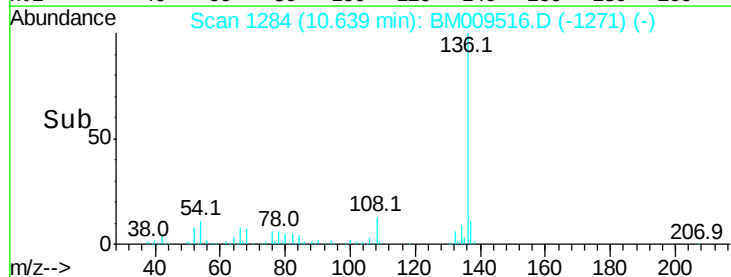
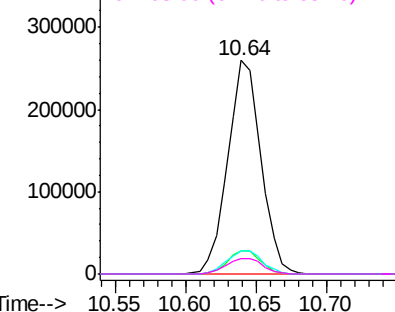


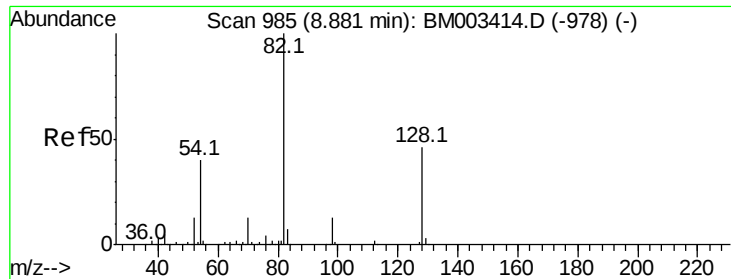
Abundance Ion 136.00 (135.70 to 136.70): BM009516.D (-1271) (-)

Ion 137.00 (136.70 to 137.70): BM009516.D (-1271) (-)

Ion 54.00 (53.70 to 54.70): BM009516.D (-1271) (-)

Ion 68.00 (67.70 to 68.70): BM009516.D (-1271) (-)

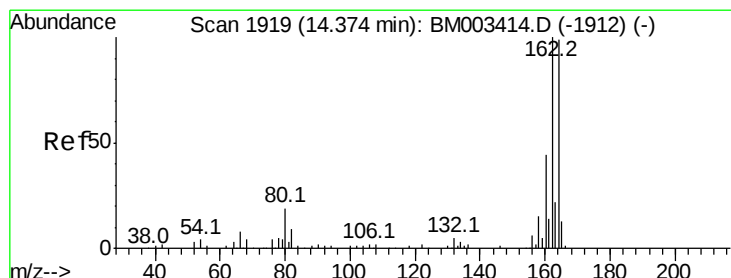
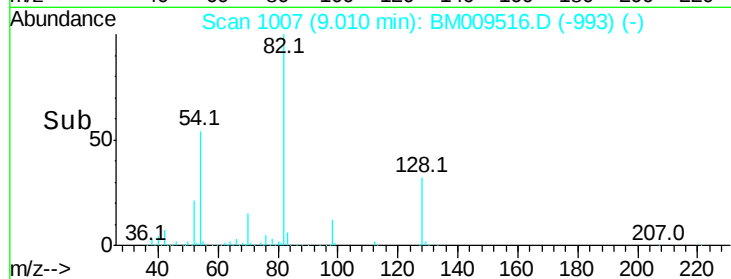
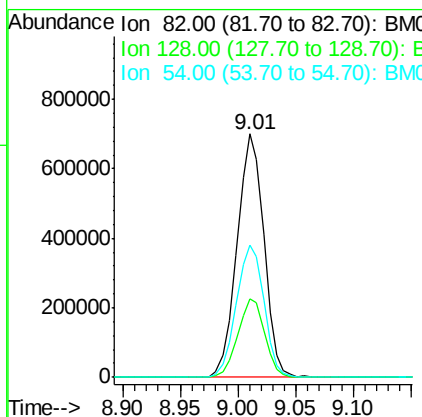
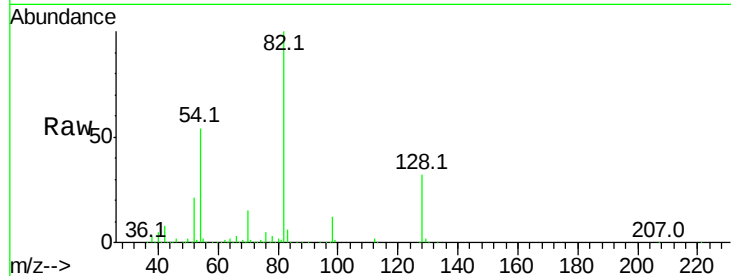




#23
Nitrobenzene-d5
Concen: 99.10 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BM009516.D
Acq: 04 Apr 2017 00:41

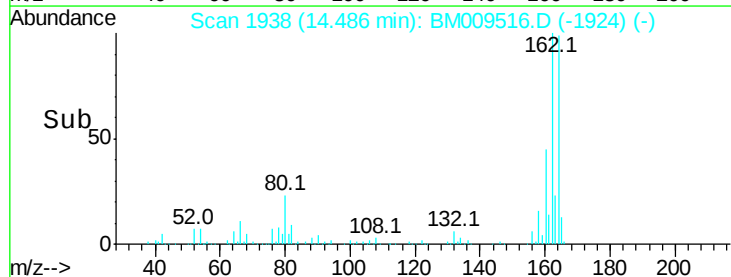
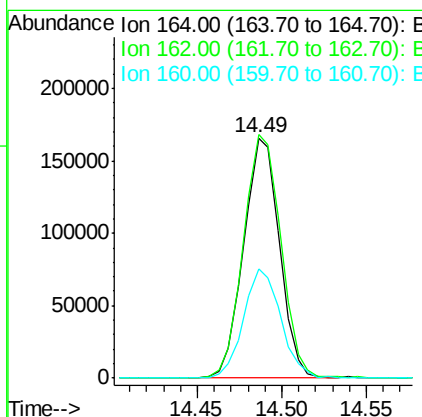
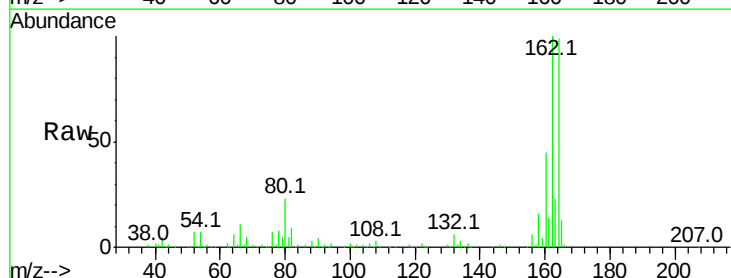
Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)

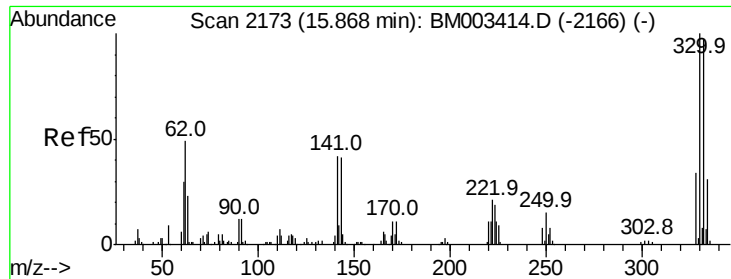
Tot Ion: 82 Resp: 1130816
Ion Ratio Lower Upper
82 100
128 32.5 32.8 49.2#
54 54.4 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BM009516.D
Acq: 04 Apr 2017 00:41

Tgt Ion: 164 Resp: 245371
Ion Ratio Lower Upper
164 100
162 101.4 82.4 123.6
160 45.5 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 164.22 ng

RT: 15.98 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BM009516.D

Acq: 04 Apr 2017 00:41

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)

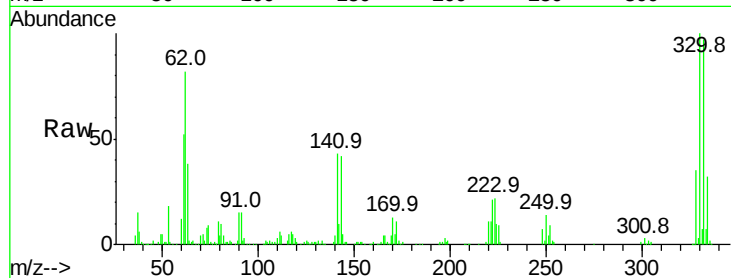
Tot Ion:330 Resp: 500594

Ion Ratio Lower Upper

330 100

332 94.8 0.0 0.0#

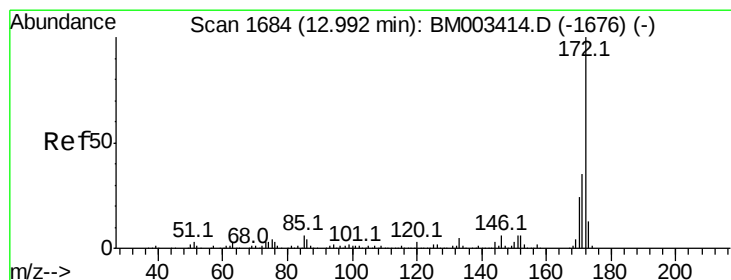
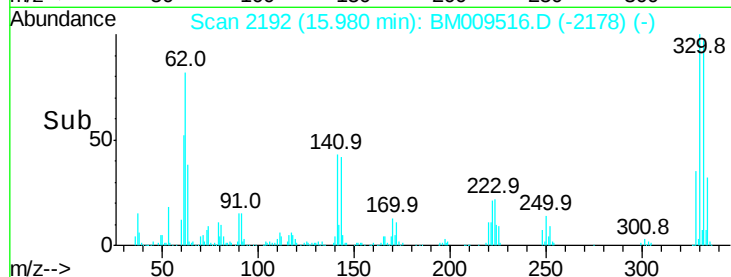
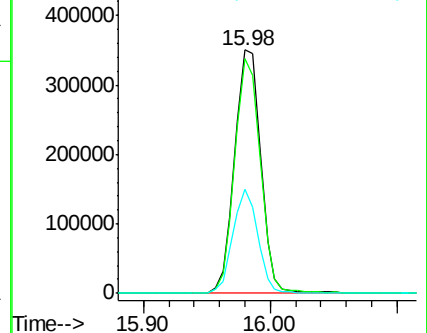
141 41.1 0.0 0.0#



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: 92.90 ng

RT: 13.10 min Scan# 1703

Delta R.T. -0.02 min

Lab File: BM009516.D

Acq: 04 Apr 2017 00:41

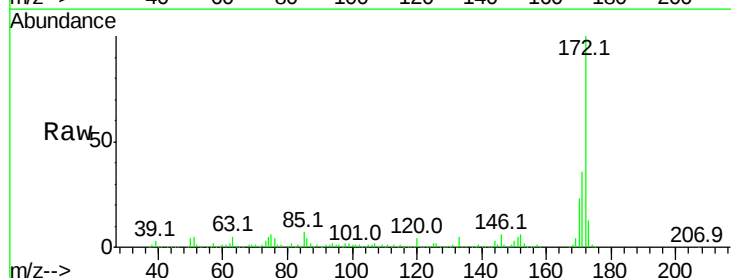
Tgt Ion:172 Resp: 1891702

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

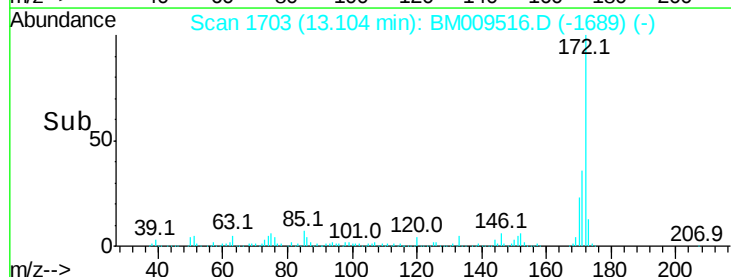
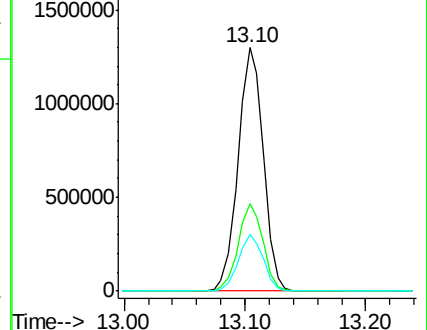
170 23.1 18.8 28.2

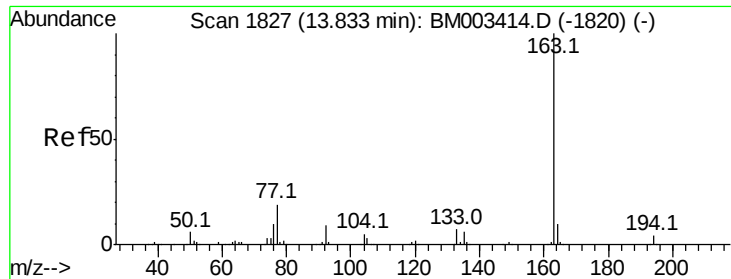


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.29 ng

RT: 13.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BM009516.D

Acq: 04 Apr 2017 00:41

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)

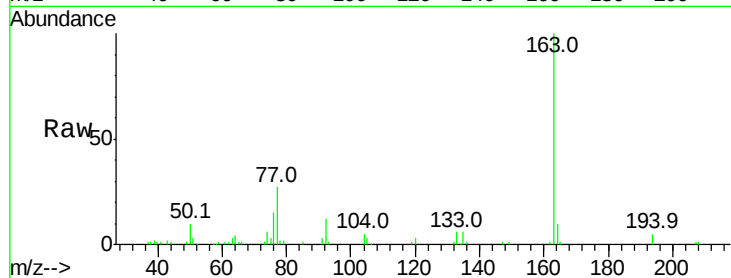
Tot Ion:163 Resp: 99691

Ion Ratio Lower Upper

163 100

194 5.4 2.7 4.1#

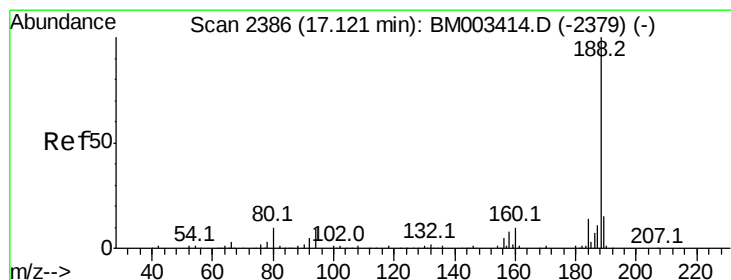
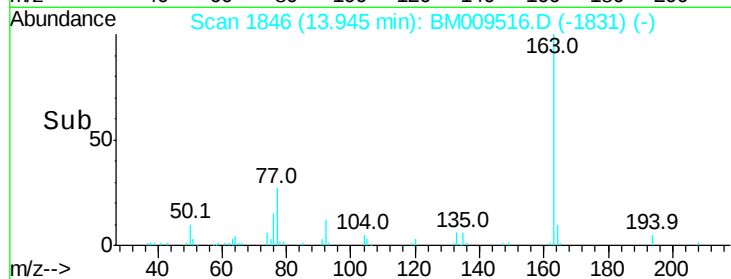
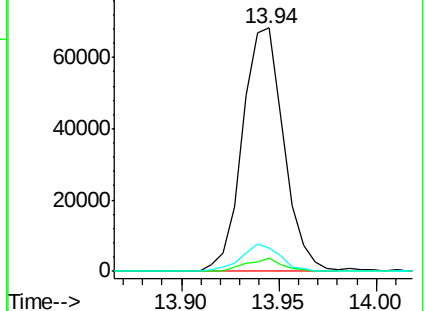
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM009516.D

Acq: 04 Apr 2017 00:41

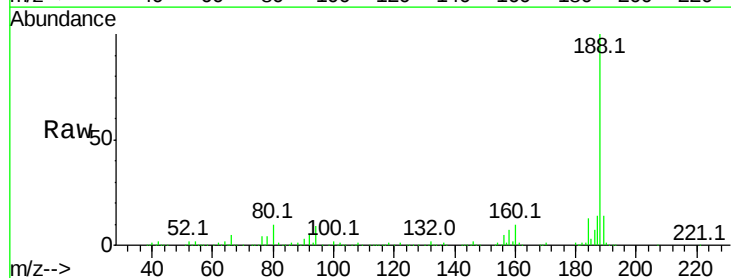
Tgt Ion:188 Resp: 592248

Ion Ratio Lower Upper

188 100

94 8.9 8.7 13.1

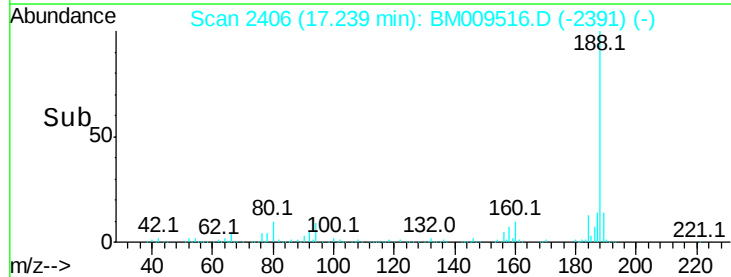
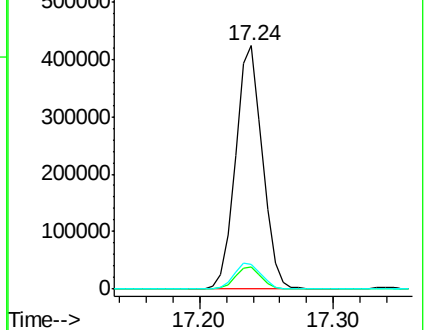
80 10.0 9.3 13.9

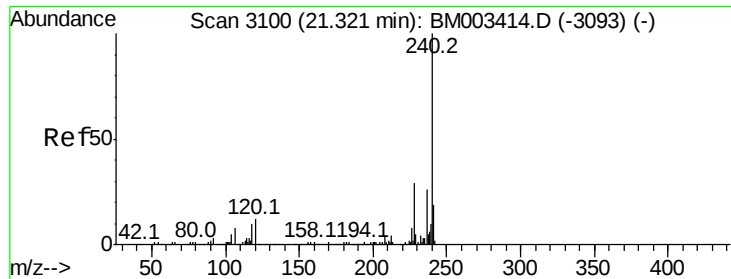


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009516.D

Acq: 04 Apr 2017 00:41

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)

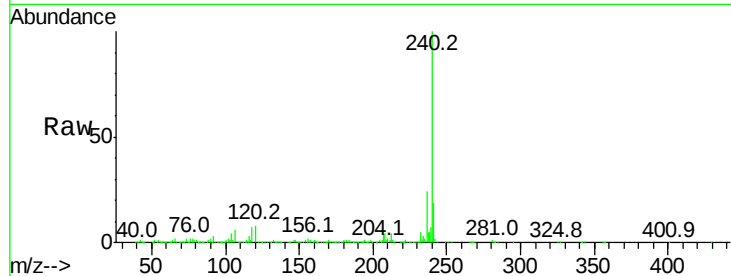
Tot Ion:240 Resp: 801530

Ion Ratio Lower Upper

240 100

120 7.9 8.2 12.2#

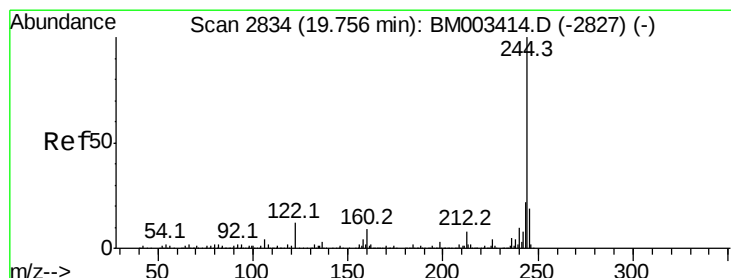
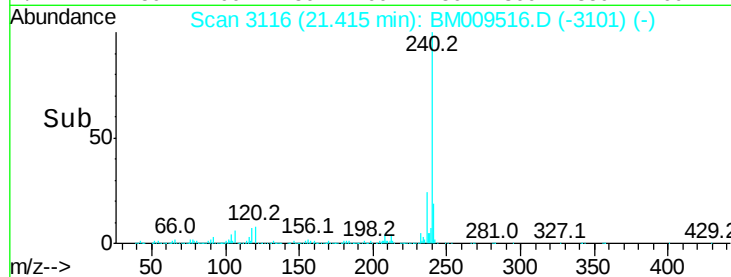
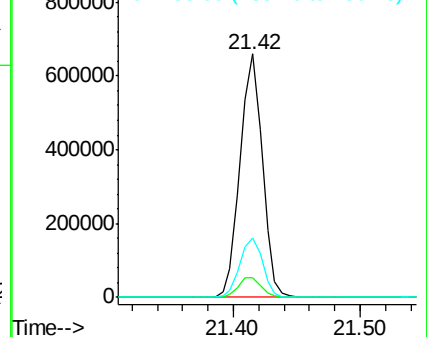
236 24.1 20.0 30.0



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: 76.14 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009516.D

Acq: 04 Apr 2017 00:41

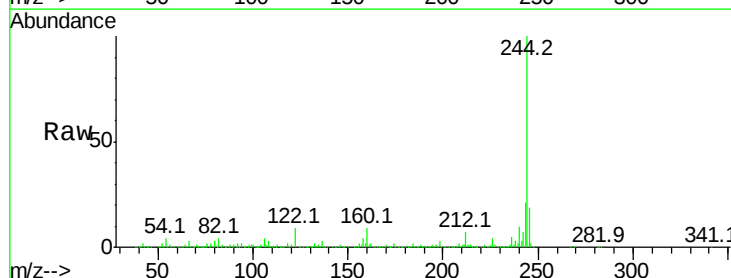
Tgt Ion:244 Resp: 2920542

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

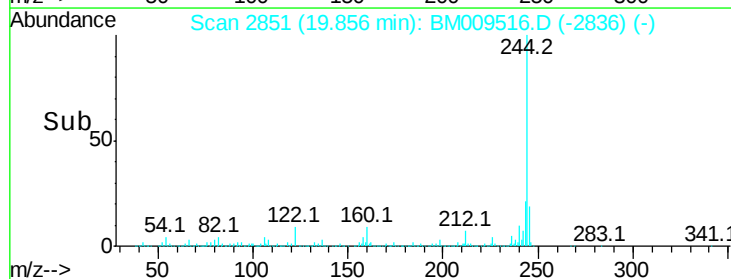
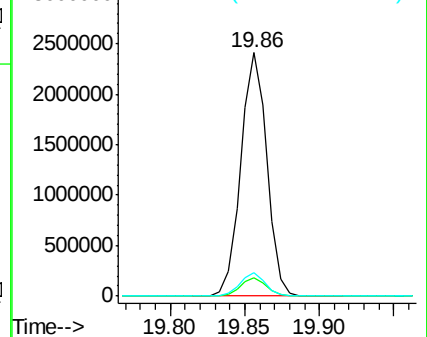
122 9.4 6.2 9.4#

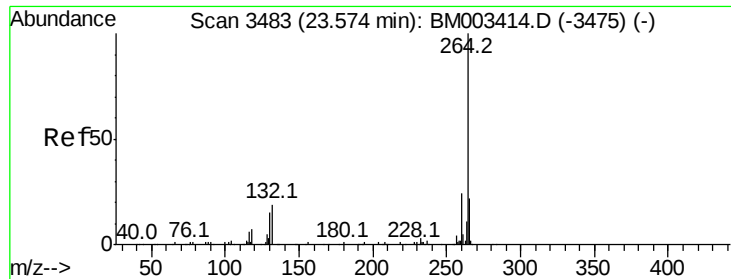


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009516.D
Acq: 04 Apr 2017 00:41

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.6	27.8
265	20.6	17.3	25.9

