

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
 Data File : BM009476.D
 Acq On : 31 Mar 2017 16:36
 Operator : SJ/MA
 Sample : PB97966TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97966TB

Quant Time: Mar 31 22:58:49 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	115668	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	417914	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	237577	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	559307	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	759373	20.00	ng	-0.01
86) Perylene-d12	23.74	264	734237	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1080196	155.66	ng	-0.01
7) Phenol-d6	7.00	99	1458976	154.18	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1003166	90.00	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	438438	148.55	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1807258	91.66	ng	-0.02
78) Terphenyl-d14	19.86	244	2896656	79.71	ng	-0.01

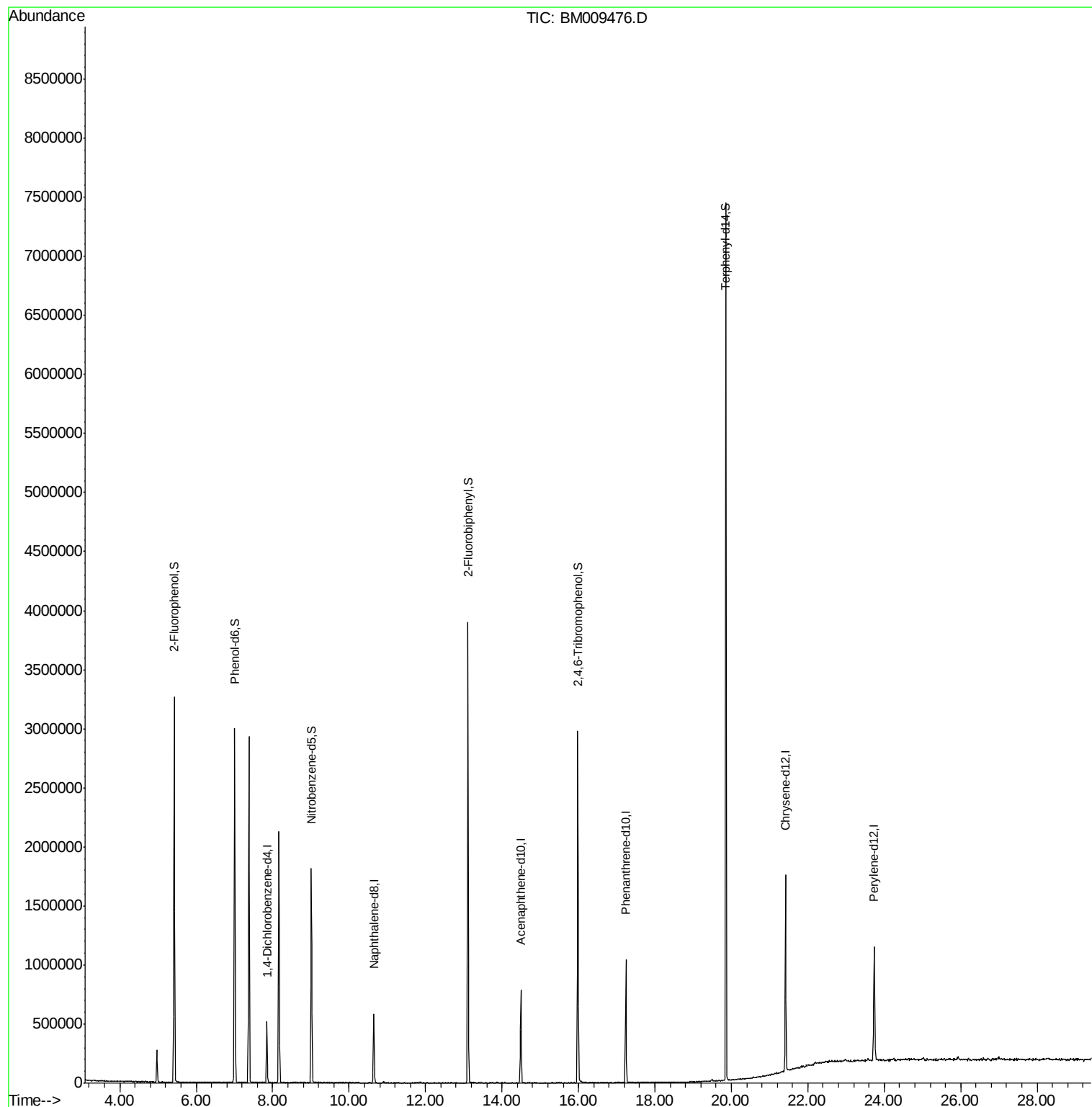
Target Compounds Qvalue

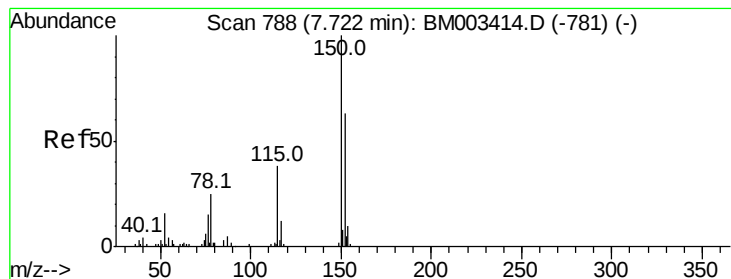
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM009476.D

Acq: 31 Mar 2017 16:36

Instrument :

BNA_M

ClientSampleId :

PB97966TB

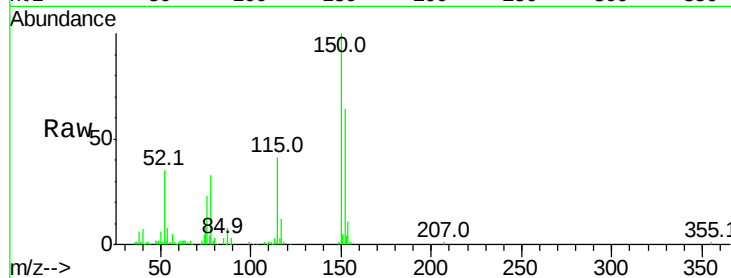
Tot Ion:152 Resp: 115668

Ion Ratio Lower Upper

152 100

150 157.1 119.5 179.3

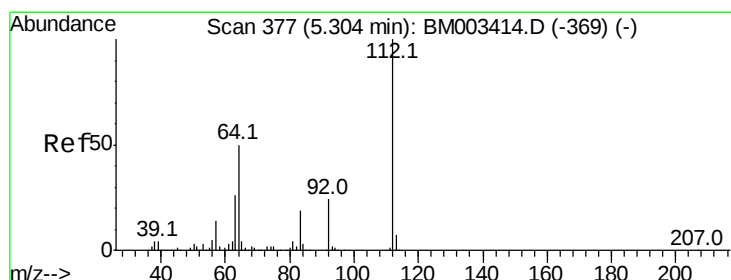
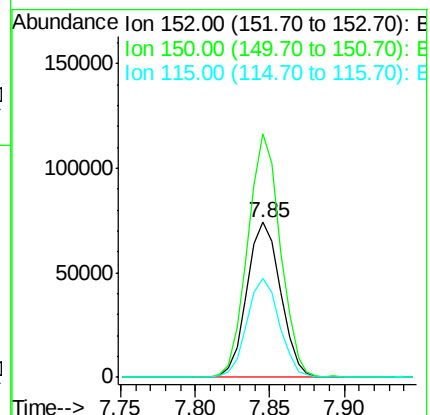
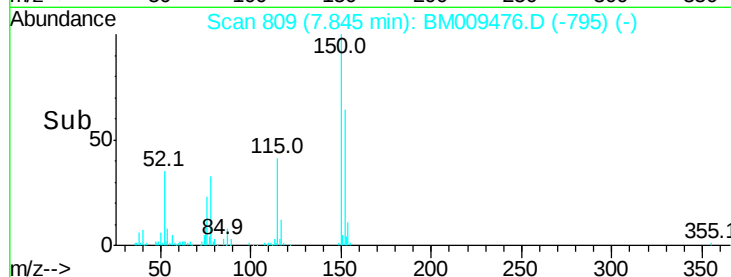
115 64.2 43.0 64.4



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: 155.66 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009476.D

Acq: 31 Mar 2017 16:36

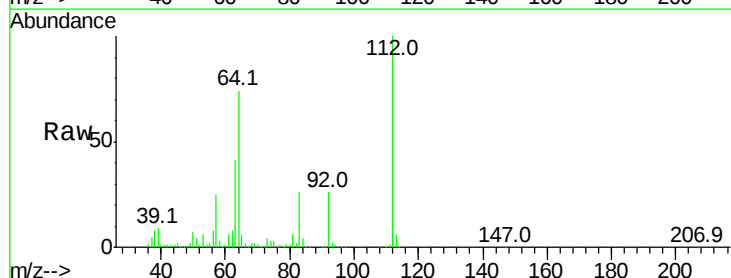
Tgt Ion:112 Resp: 1080196

Ion Ratio Lower Upper

112 100

64 73.8 38.6 57.8#

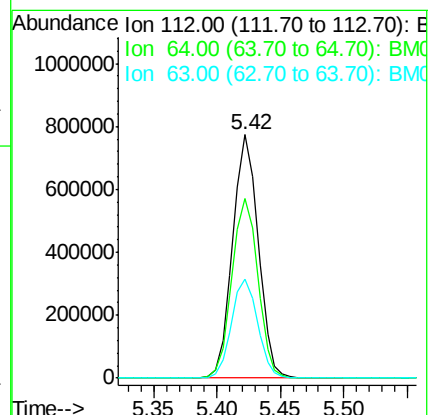
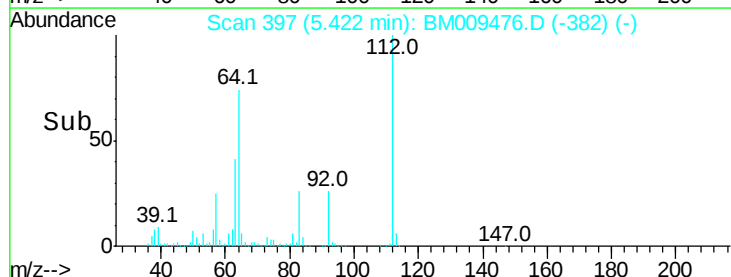
63 40.6 19.3 28.9#

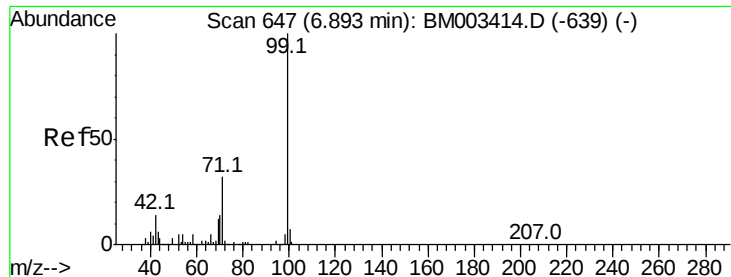


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 154.18 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009476.D

Acq: 31 Mar 2017 16:36

Instrument :

BNA_M

ClientSampleId :

PB97966TB

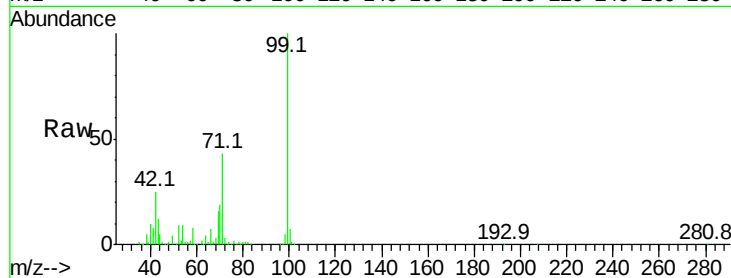
Tot Ion: 99 Resp: 1458976

Ion Ratio Lower Upper

99 100

42 24.6 11.0 16.4#

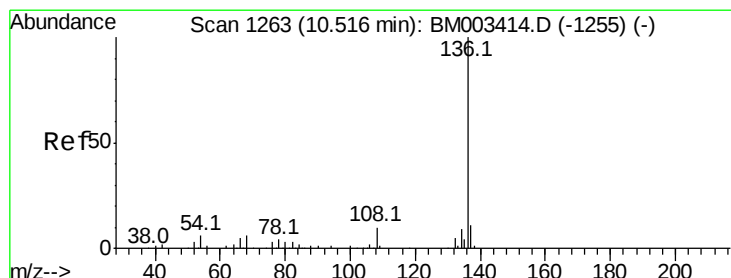
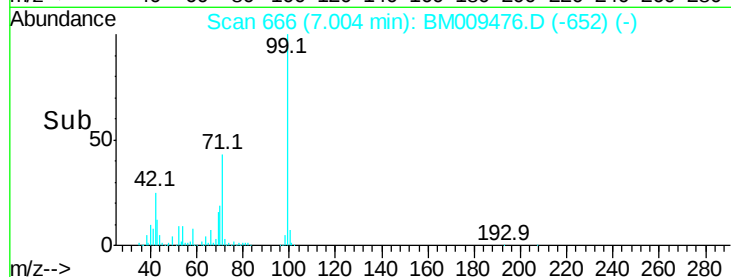
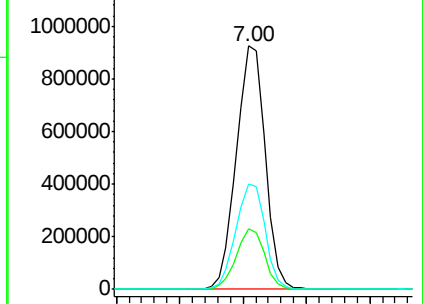
71 43.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009476.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM009476.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM009476.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BM009476.D

Acq: 31 Mar 2017 16:36

Tgt Ion: 136 Resp: 417914

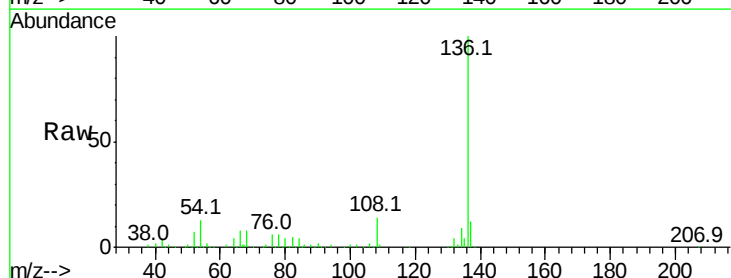
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 13.1 4.6 6.8#

68 7.7 3.7 5.5#

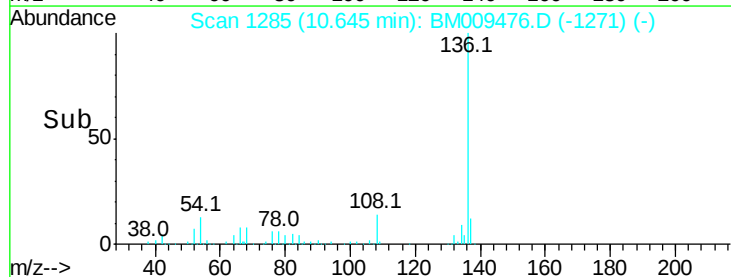
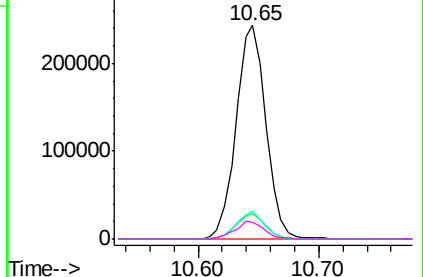


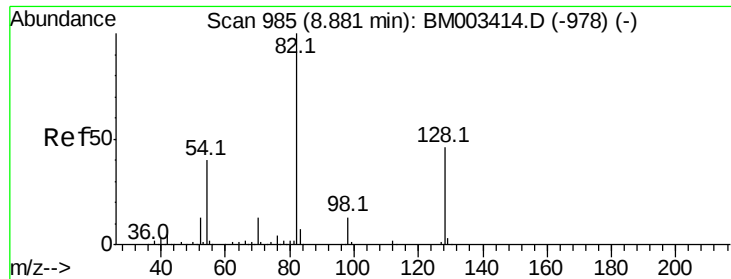
Abundance Ion 136.00 (135.70 to 136.70): BM009476.D (-1271) (-)

Ion 137.00 (136.70 to 137.70): BM009476.D (-1271) (-)

Ion 54.00 (53.70 to 54.70): BM009476.D (-1271) (-)

Ion 68.00 (67.70 to 68.70): BM009476.D (-1271) (-)

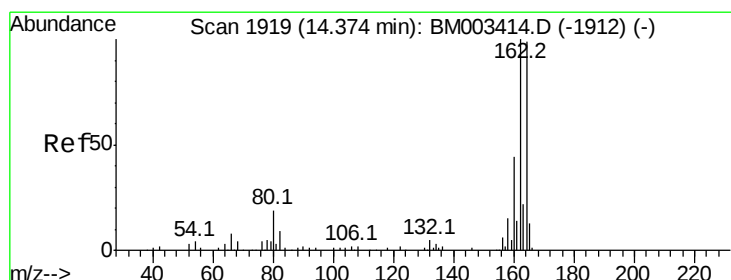
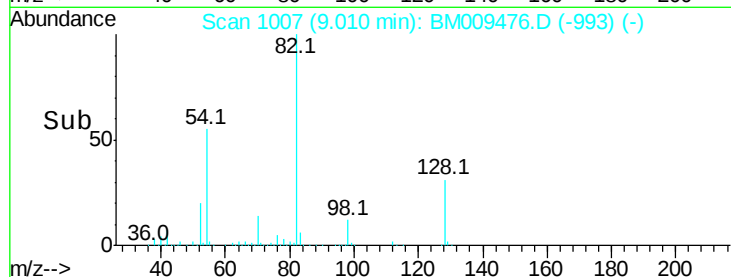
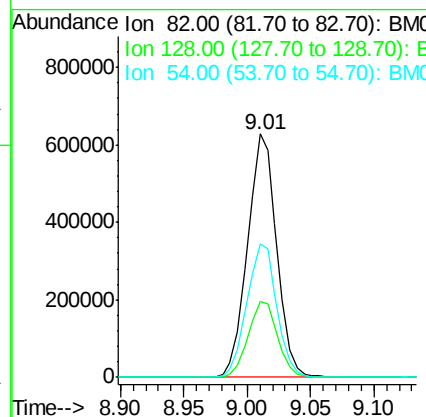
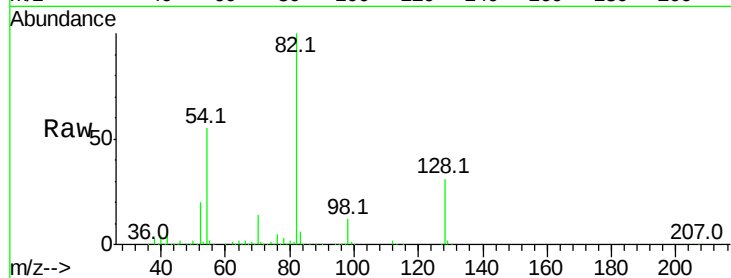




#23
Nitrobenzene-d5
Concen: 90.00 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BM009476.D
Acq: 31 Mar 2017 16:36

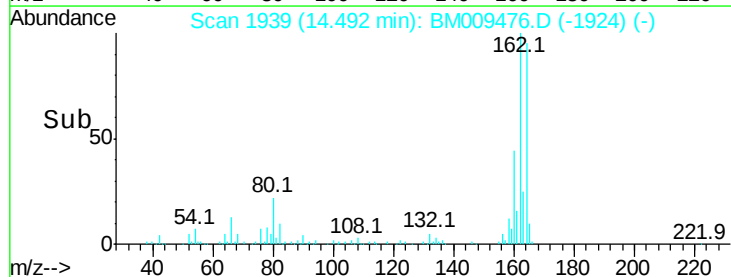
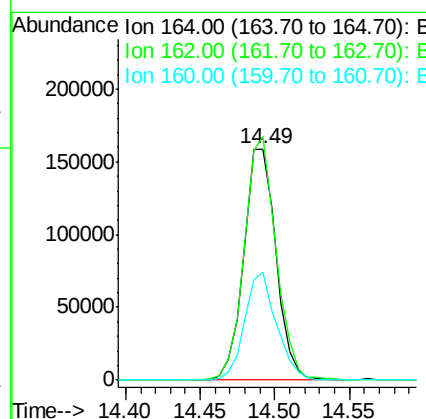
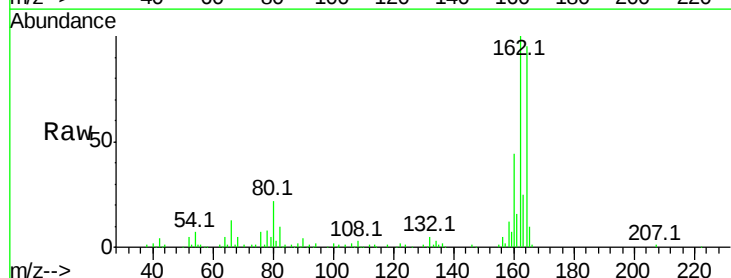
Instrument :
BNA_M
ClientSampleId :
PB97966TB

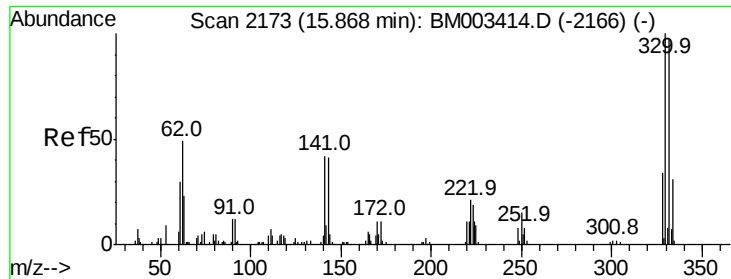
Tot Ion: 82 Resp: 1003166
Ion Ratio Lower Upper
82 100
128 31.1 32.8 49.2#
54 55.1 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM009476.D
Acq: 31 Mar 2017 16:36

Tgt Ion:164 Resp: 237577
Ion Ratio Lower Upper
164 100
162 105.3 82.4 123.6
160 46.6 35.8 53.6

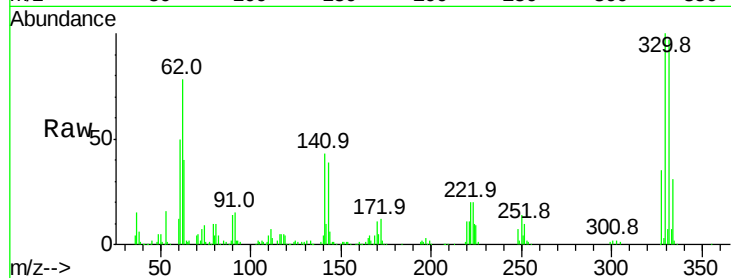




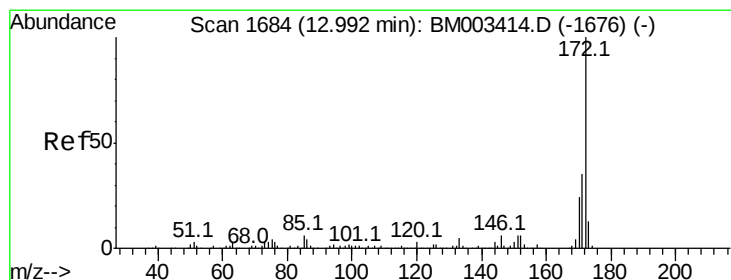
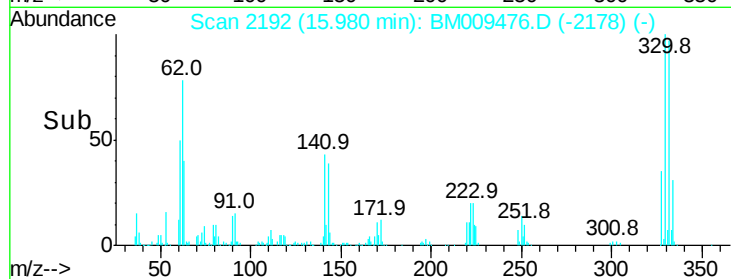
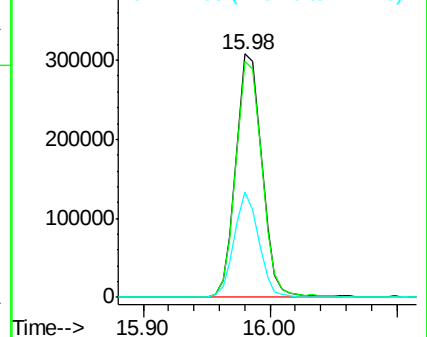
#41
 2,4,6-Tribromophenol
 Concen: 148.55 ng
 RT: 15.98 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BM009476.D
 Acq: 31 Mar 2017 16:36

Instrument :
 BNA_M
 ClientSampleId :
 PB97966TB

Tot Ion:330 Resp: 438438
 Ion Ratio Lower Upper
 330 100
 332 97.7 0.0 0.0#
 141 41.1 0.0 0.0#

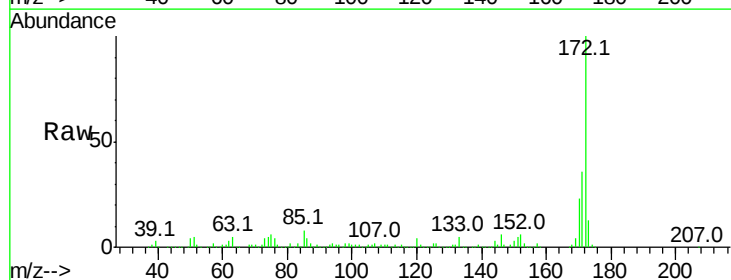


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

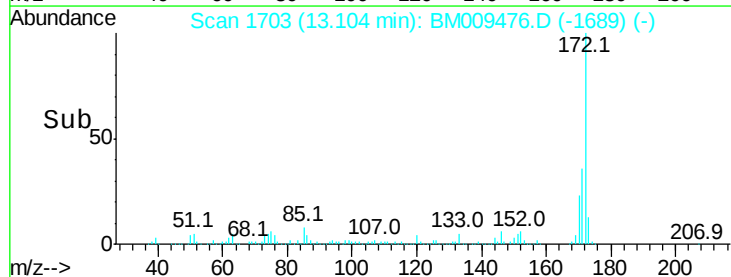
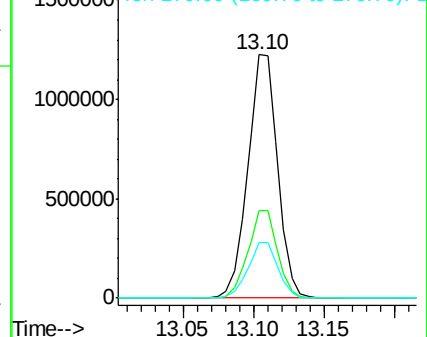


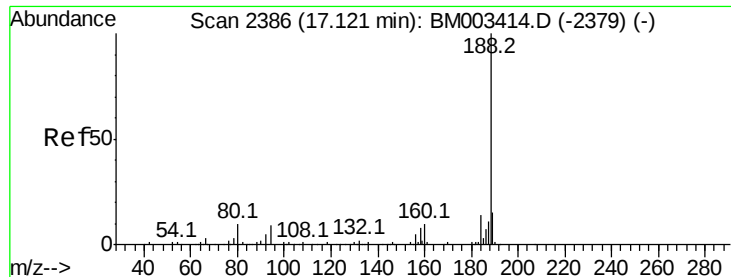
#44
 2-Fluorobiphenyl
 Concen: 91.66 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009476.D
 Acq: 31 Mar 2017 16:36

Tgt Ion:172 Resp: 1807258
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 22.8 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: BM009476.D

Acq: 31 Mar 2017 16:36

Instrument :

BNA_M

ClientSampled :

PB97966TB

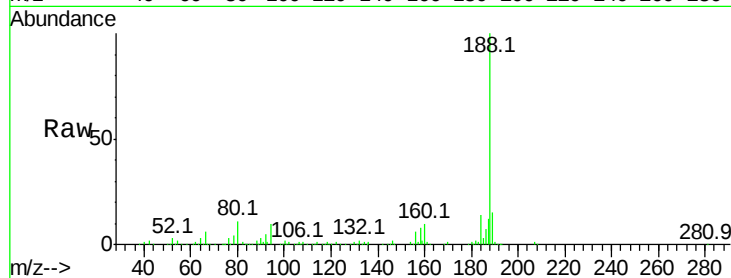
Tot Ion:188 Resp: 559307

Ion Ratio Lower Upper

188 100

94 9.7 8.7 13.1

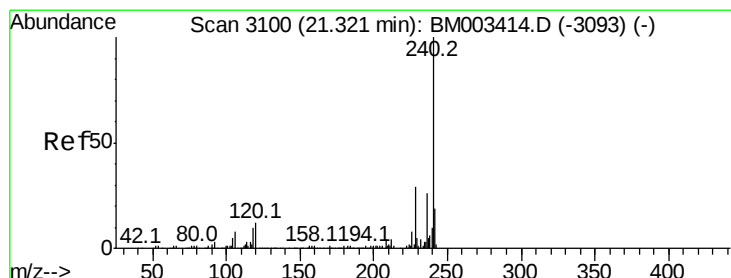
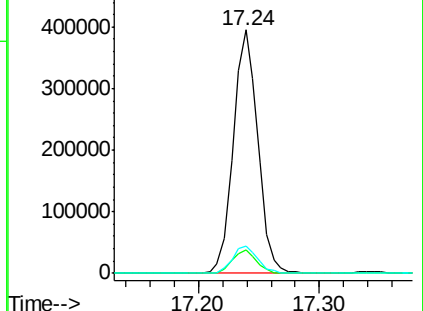
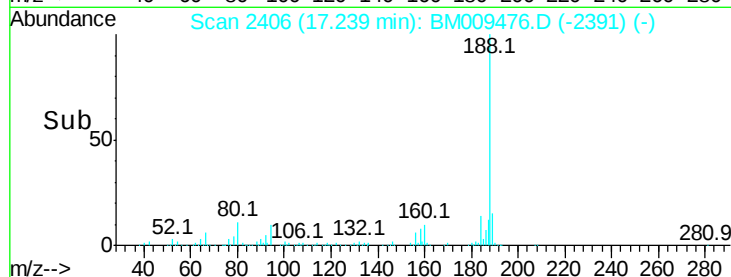
80 11.4 9.3 13.9



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: BM009476.D

Acq: 31 Mar 2017 16:36

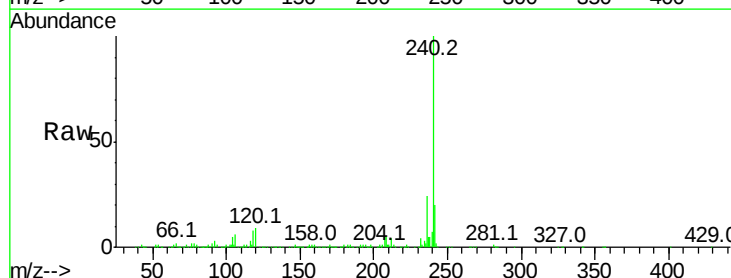
Tgt Ion:240 Resp: 759373

Ion Ratio Lower Upper

240 100

120 9.1 8.2 12.2

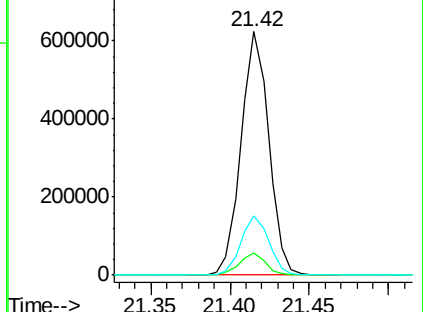
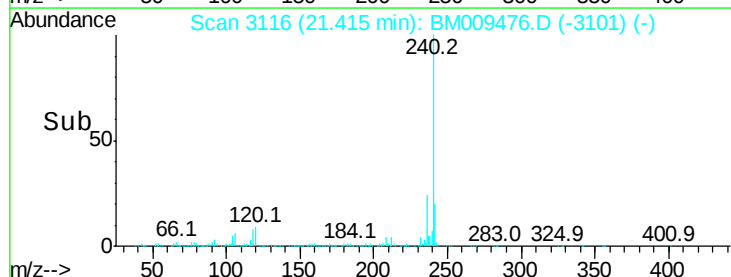
236 24.3 20.0 30.0

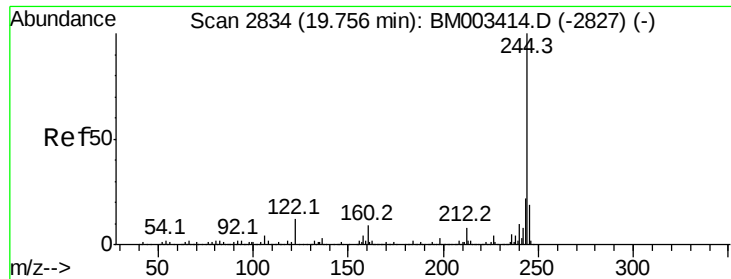


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



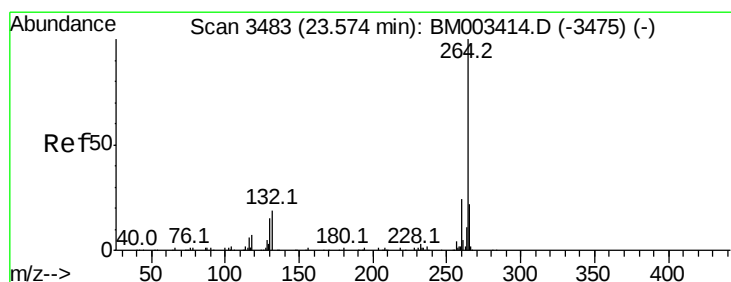
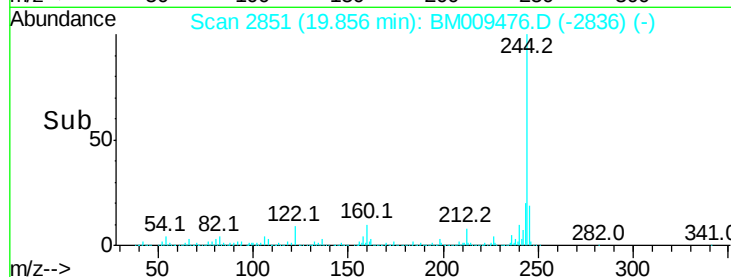
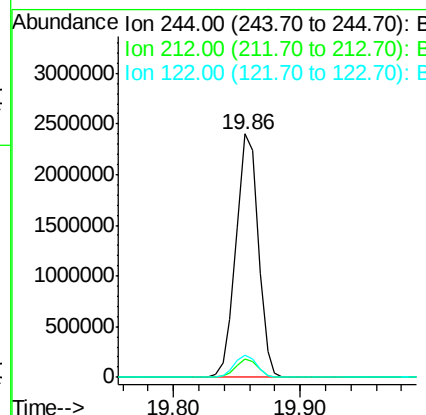
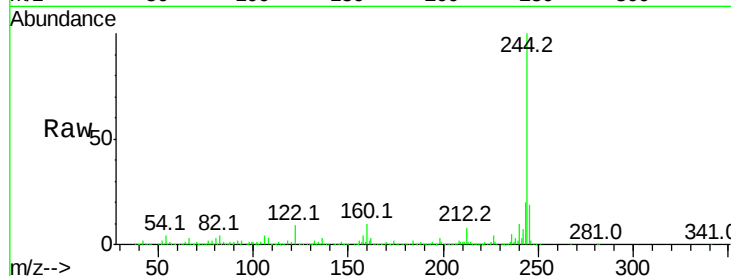


#78
 Terphenyl-d14
 Concen: 79.71 ng
 RT: 19.86 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BM009476.D
 Acq: 31 Mar 2017 16:36

Instrument :
 BNA_M
 ClientSampleId :
 PB97966TB

Tot Ion:244 Resp: 2896656

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	9.2	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: BM009476.D
 Acq: 31 Mar 2017 16:36

Tgt Ion:264 Resp: 734237

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	27.8
265	20.3	17.3	25.9

