

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

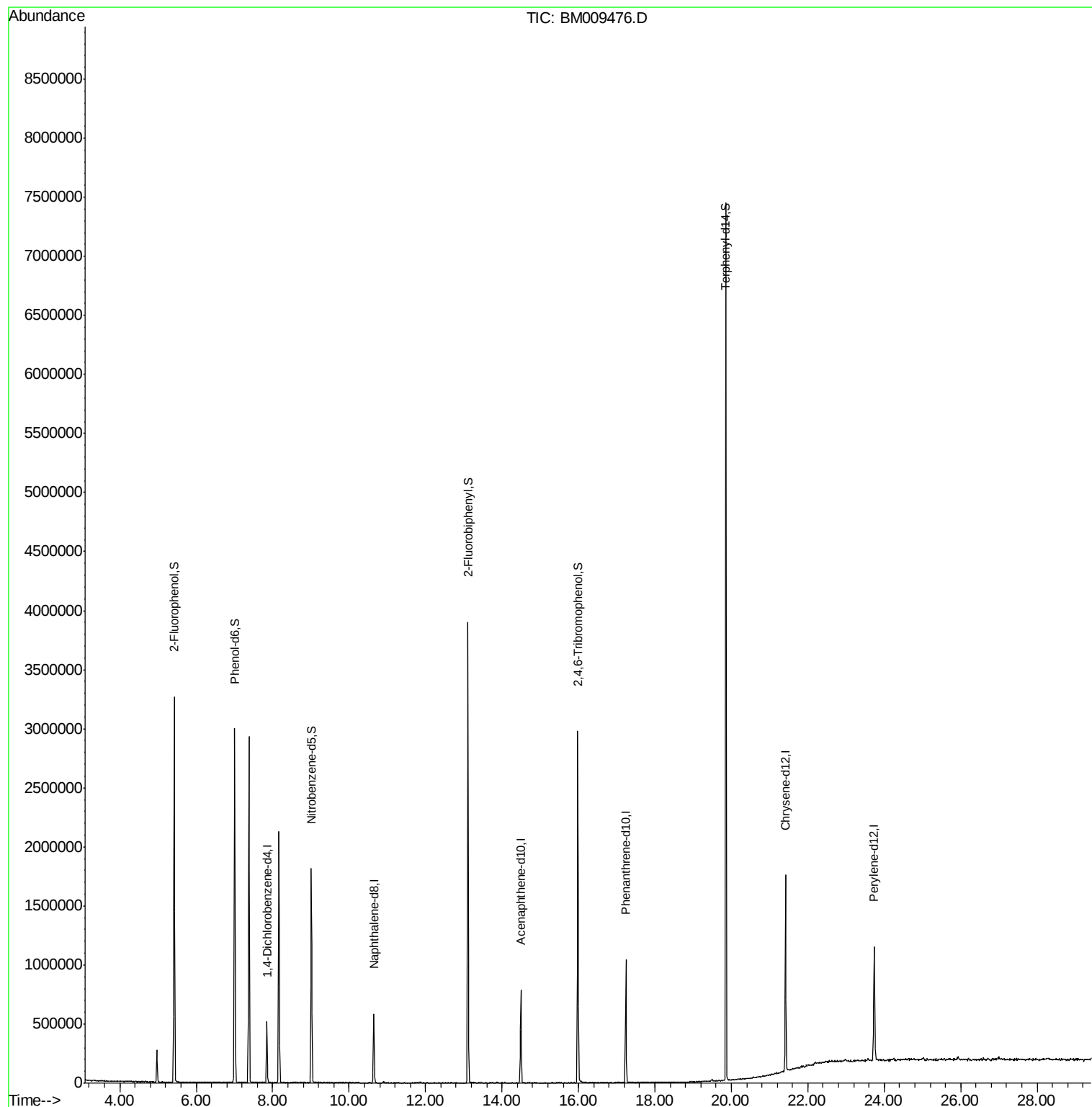
Target Compounds Qvalue

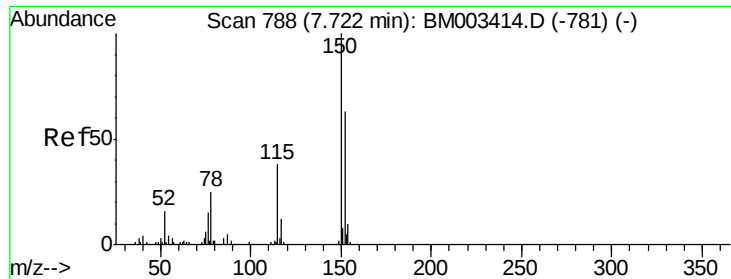
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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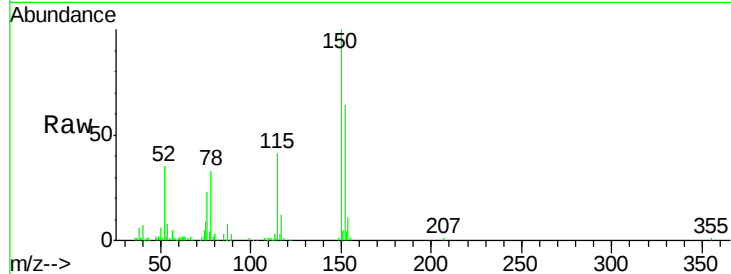


#1

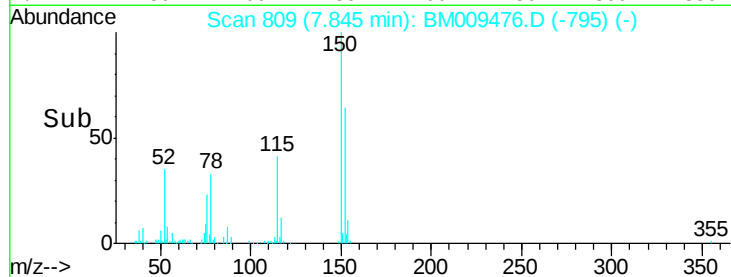
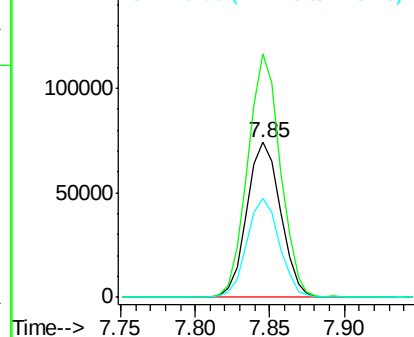
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009476.D
Acq: 31 Mar 2017 16:36

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



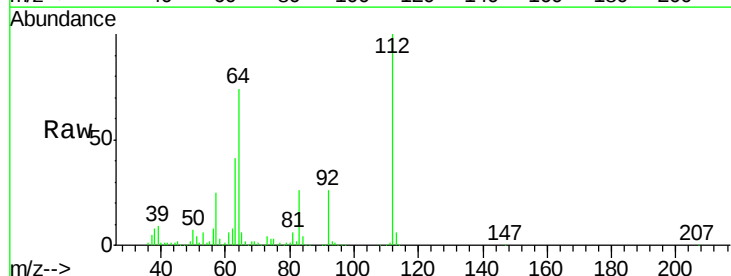
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



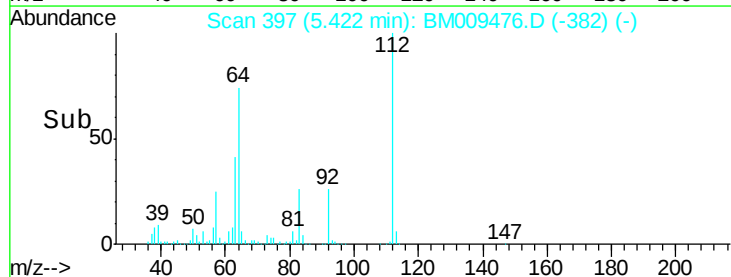
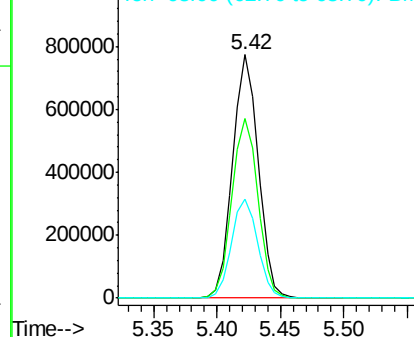
#5

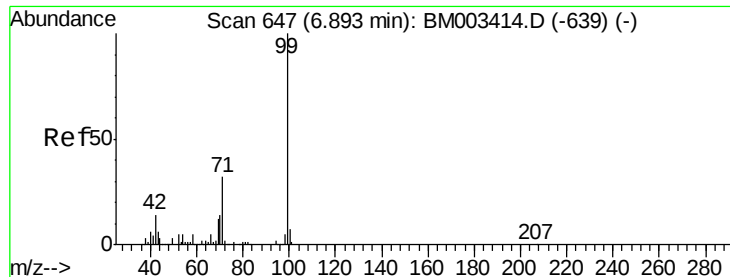
2-Fluorophenol
Concen: 155.66 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009476.D
Acq: 31 Mar 2017 16:36

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

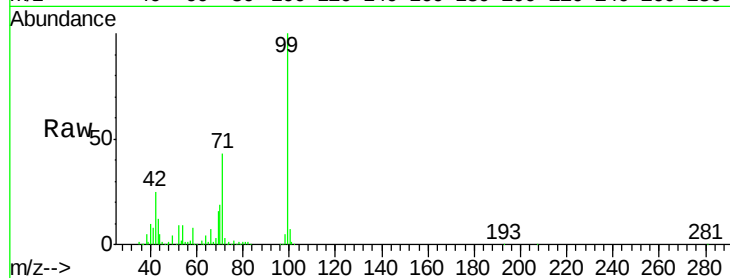
Tot Ion: 99 Resp: 1458976

Ion Ratio Lower Upper

99 100

42 24.6 11.0 16.4#

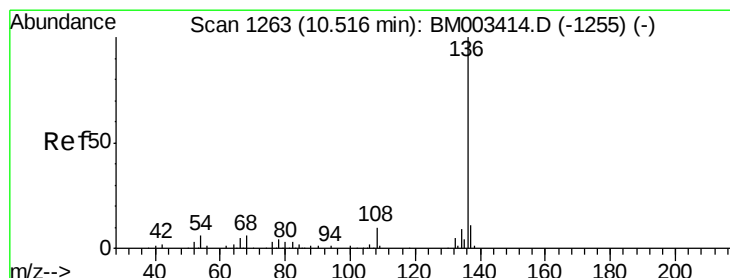
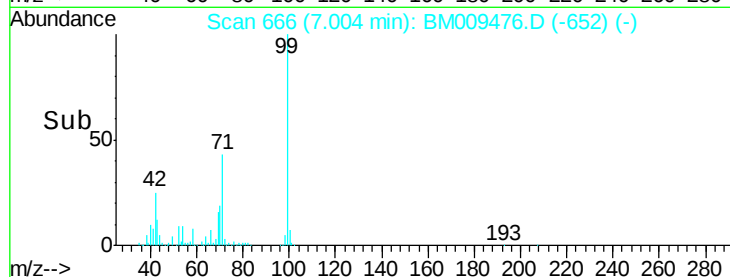
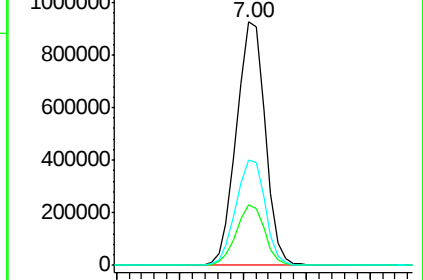
71 43.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009476.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009476.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009476.D (-652) (-)



#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

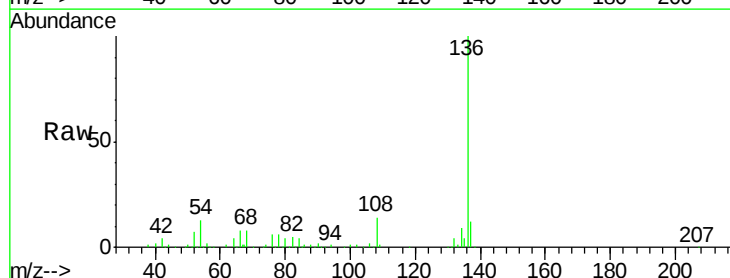
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 13.1 4.6 6.8#

68 7.7 3.7 5.5#

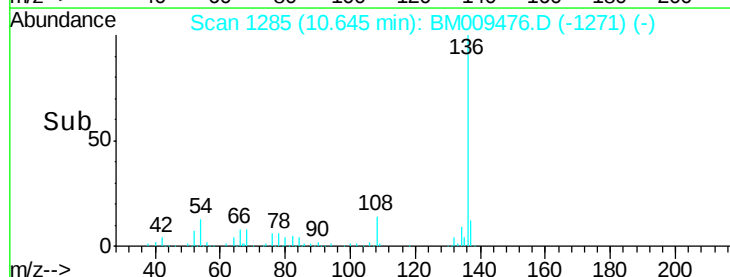
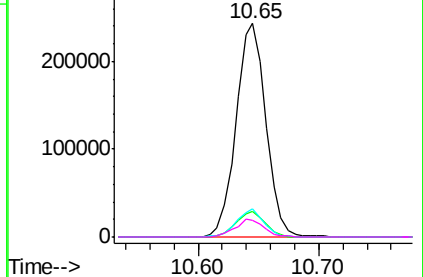


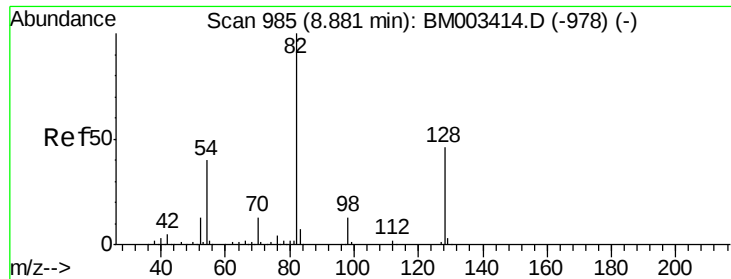
Abundance Ion 136.00 (135.70 to 136.70): BM009476.D (-1271) (-)

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) (-)

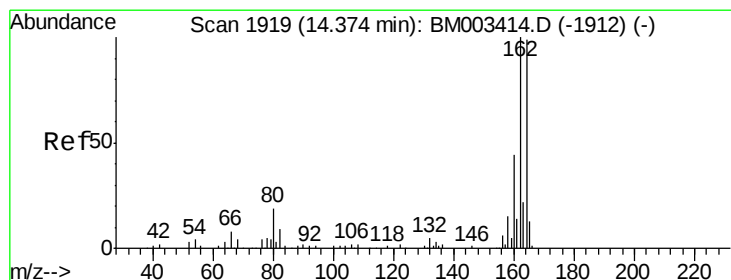
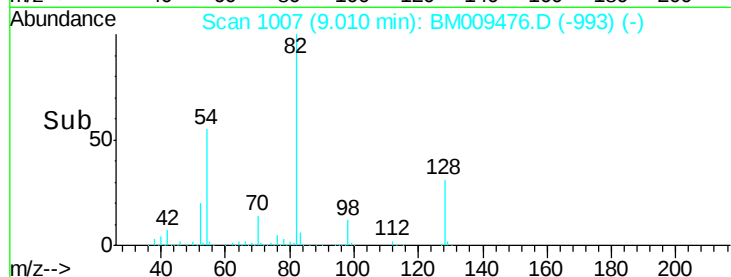
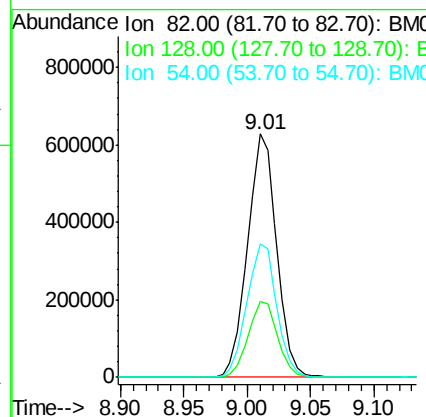
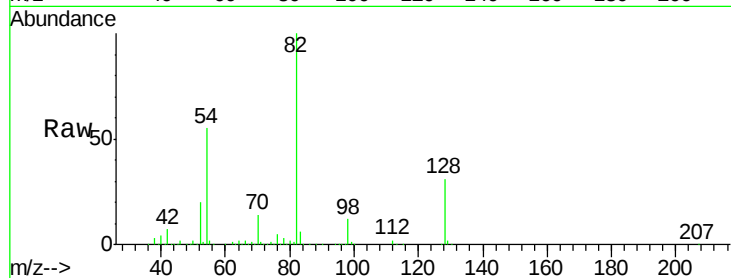




#23
 Nitrobenzene-d5
 Concen: 90.00 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009476.D
 Acq: 31 Mar 2017 16:36

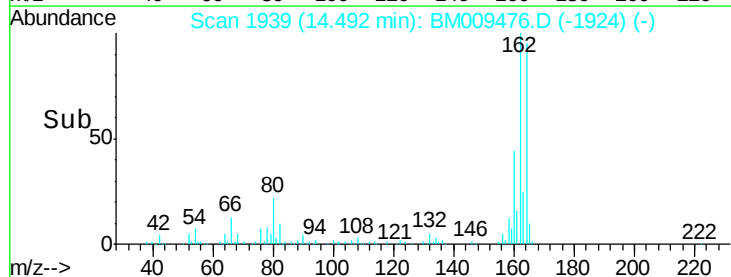
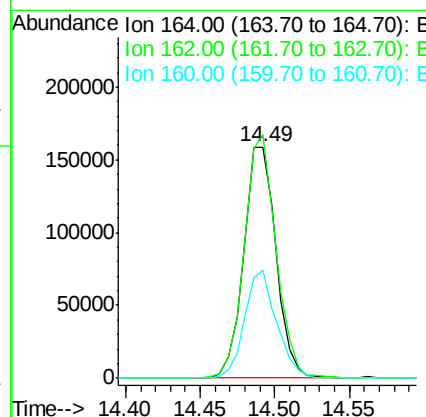
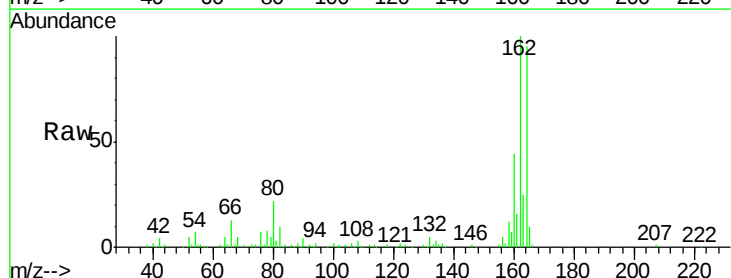
Instrument :
 BNA_M
 ClientSampleId :
 PB97966TB

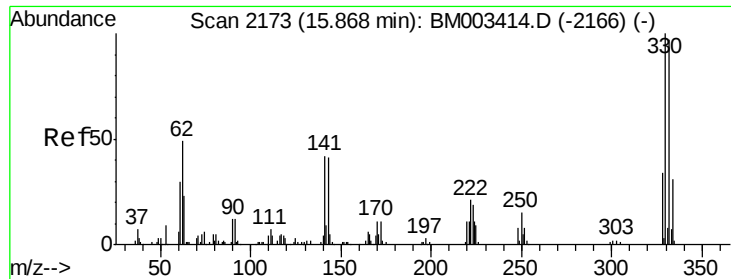
Tot Ion: 82 Resp: 1003166
 Ion Ratio Lower Upper
 82 100
 128 31.1 32.8 49.2#
 54 55.1 40.6 60.8



#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

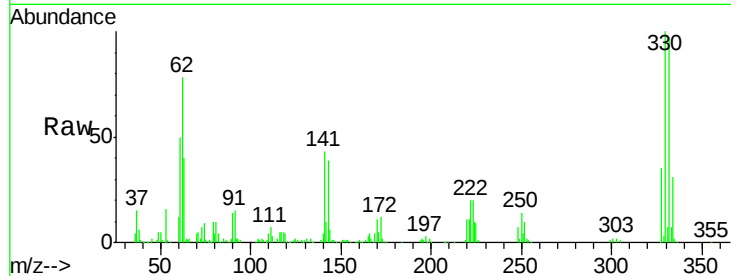




#41
 2,4,6-Tribromophenol
 Concen: 148.55 ng
 RT: 15.98 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BM009476.D
 Acq: 31 Mar 2017 16:36

Instrument :
 BNA_M
 ClientSampleId :
 PB97966TB

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

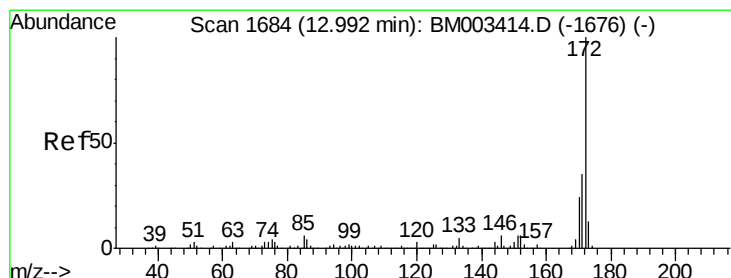
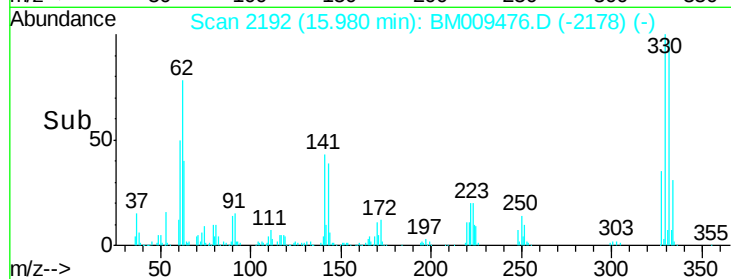
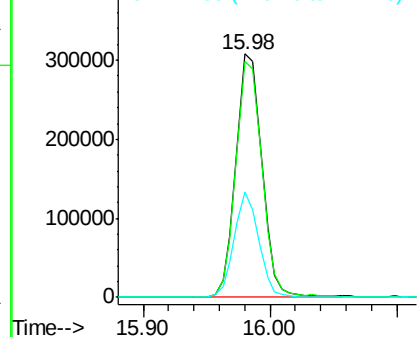


Abundance

Ion 329.80 (329.50 to 330.50): E

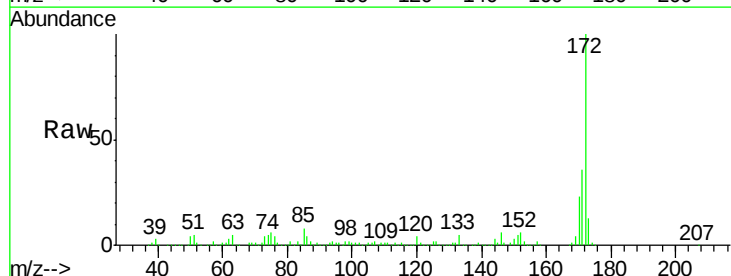
Ion 331.80 (331.50 to 332.50): E

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	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	22.8	18.8	28.2

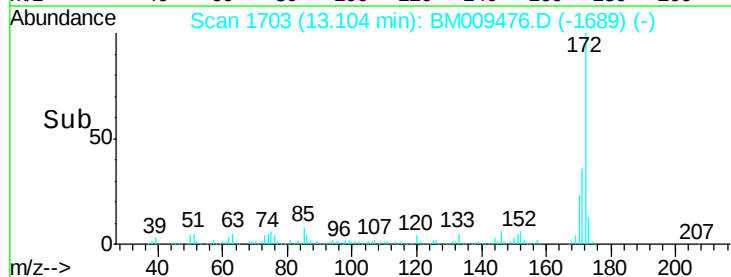
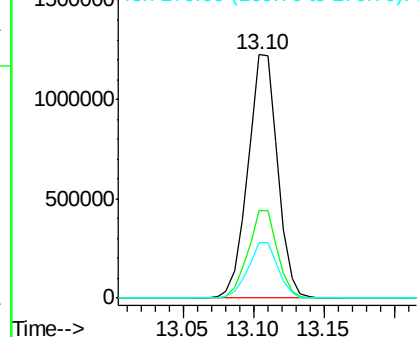


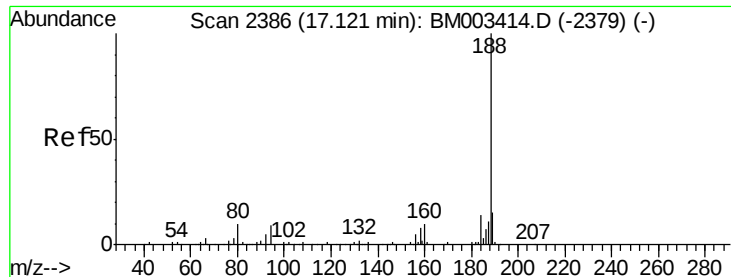
Abundance

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

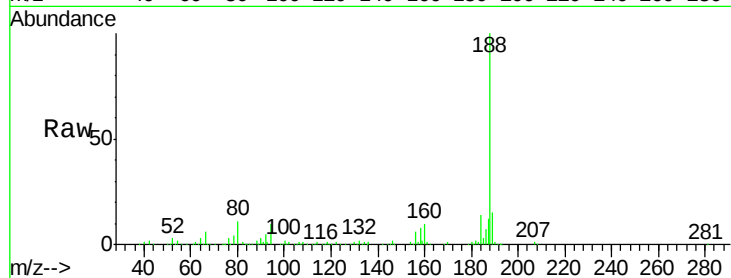
Tot Ion:188 Resp: 559307

Ion Ratio Lower Upper

188 100

94 9.7 8.7 13.1

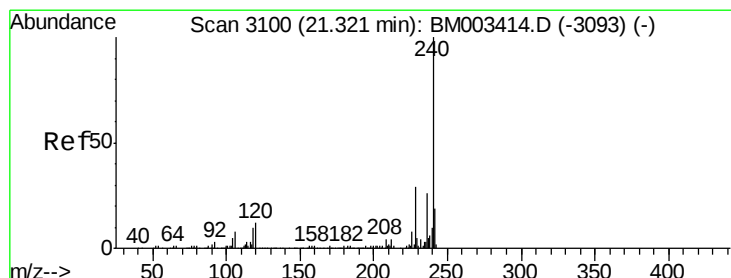
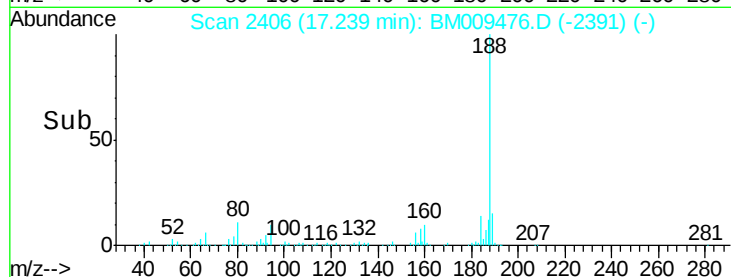
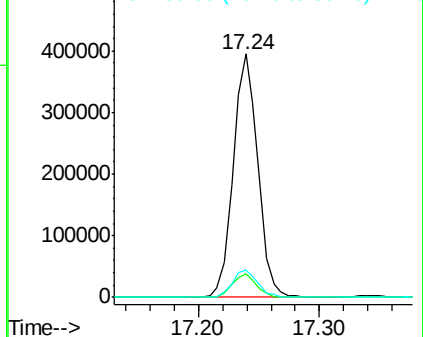
80 11.4 9.3 13.9



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

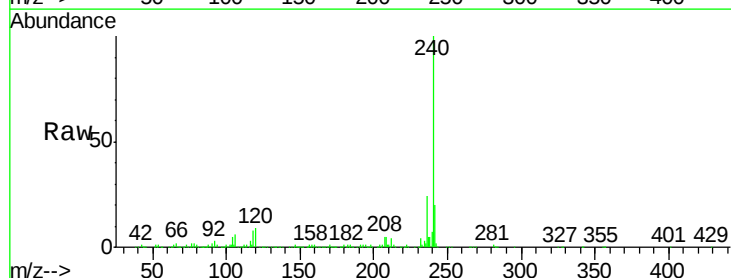
Tgt Ion:240 Resp: 759373

Ion Ratio Lower Upper

240 100

120 9.1 8.2 12.2

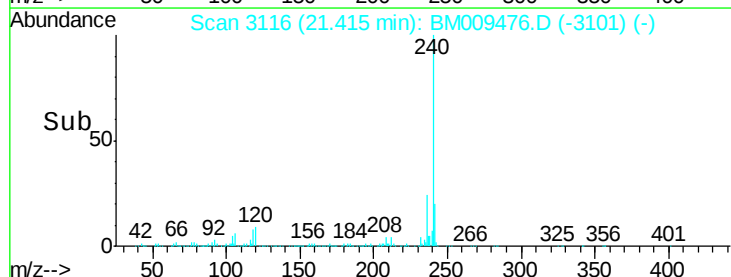
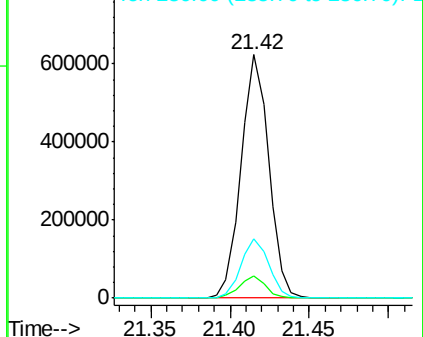
236 24.3 20.0 30.0

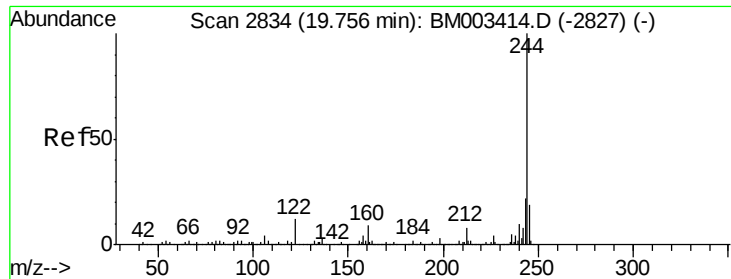


Abundance Ion 240.00 (239.70 to 240.70): E

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

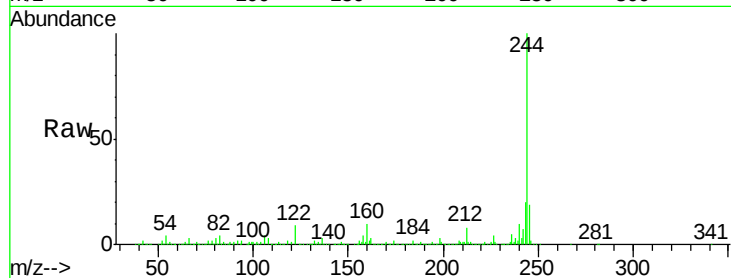
Tot Ion:244 Resp: 2896656

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

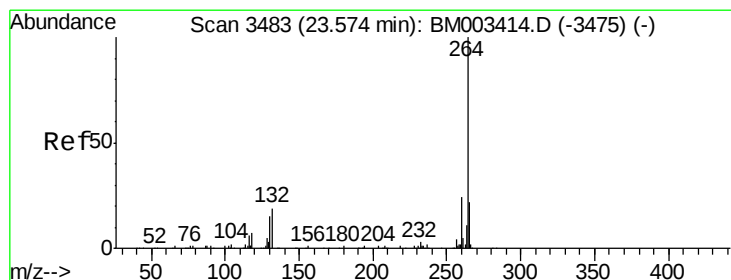
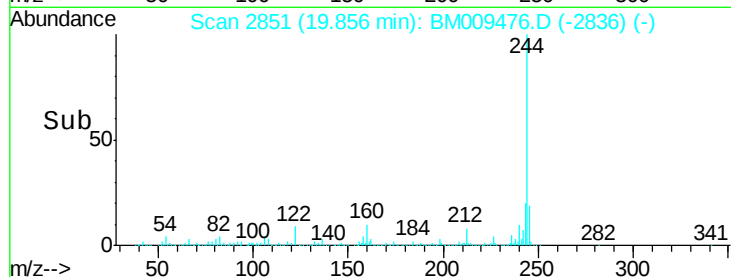
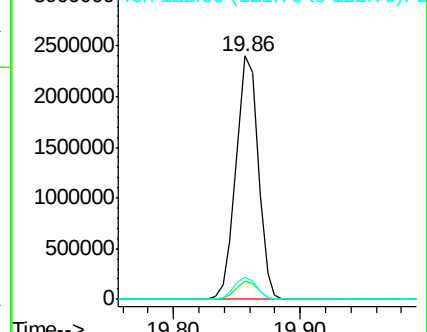
122 9.2 6.2 9.4



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: BM009476.D

Acq: 31 Mar 2017 16:36

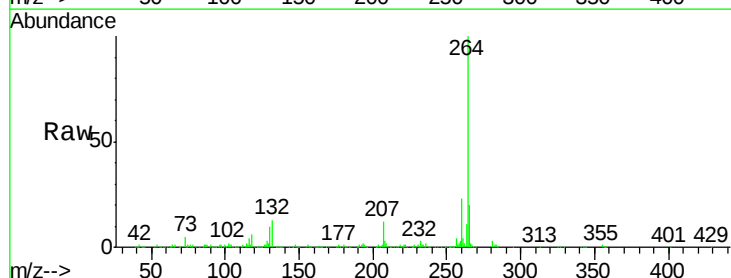
Tgt Ion:264 Resp: 734237

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

265 20.3 17.3 25.9



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

