

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
 Data File : BM009452.D
 Acq On : 30 Mar 2017 15:57
 Operator : SJ/MA
 Sample : PB97931BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BL

Quant Time: Mar 31 08:45:32 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	109577	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	389338	20.00	ng	-0.01
38) Acenaphthene-d10	14.50	164	207446	20.00	ng	0.00
63) Phenanthrene-d10	17.25	188	507764	20.00	ng	0.00
75) Chrysene-d12	21.42	240	700266	20.00	ng	0.00
86) Perylene-d12	23.74	264	619056	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	600084	91.28	ng	0.00
7) Phenol-d6	7.01	99	793310	88.49	ng	-0.01
23) Nitrobenzene-d5	9.02	82	838309	80.73	ng	0.00
41) 2,4,6-Tribromophenol	15.99	330	220387	85.52	ng	-0.01
44) 2-Fluorobiphenyl	13.12	172	1505787	87.46	ng	0.00
78) Terphenyl-d14	19.86	244	2360988	70.45	ng	0.00

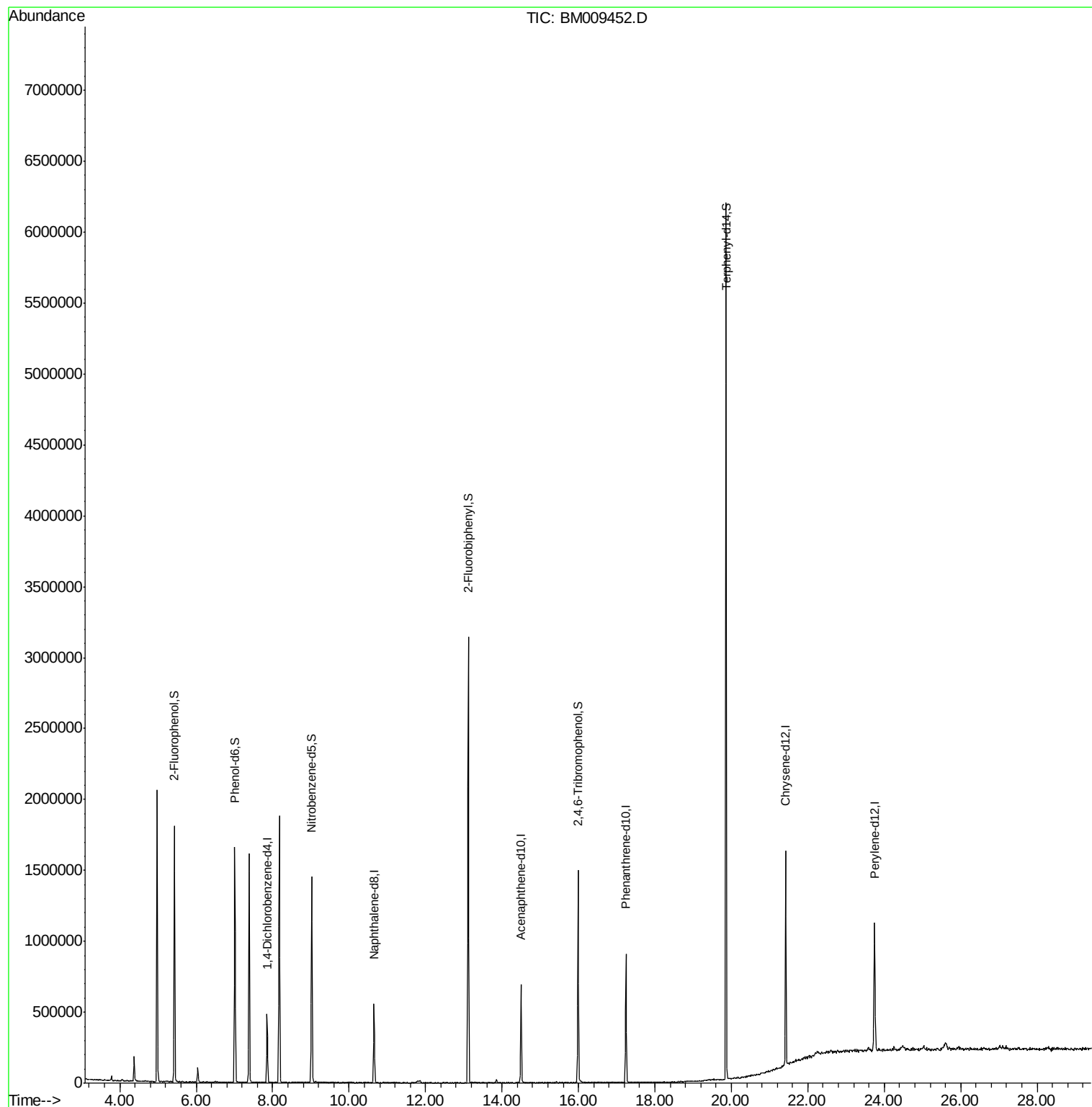
Target Compounds Qvalue

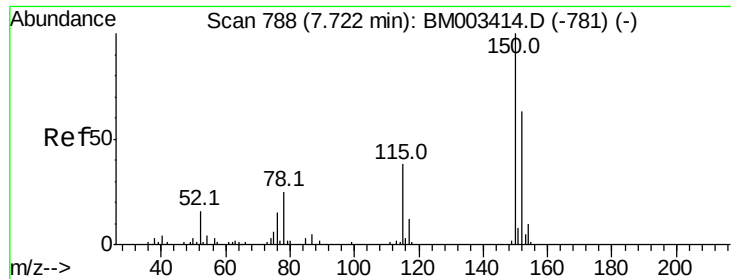
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BM009452.D

Acq: 30 Mar 2017 15:57

Instrument :

BNA_M

ClientSampleId :

PB97931BL

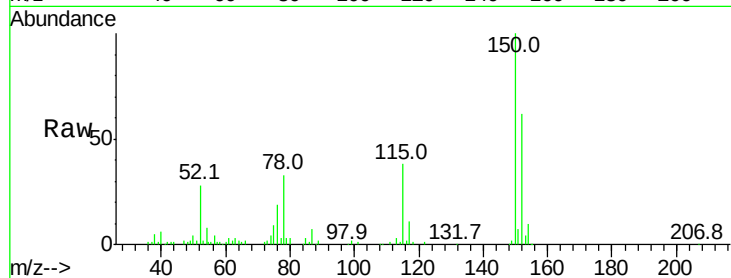
Tot Ion:152 Resp: 109577

Ion Ratio Lower Upper

152 100

150 160.3 119.5 179.3

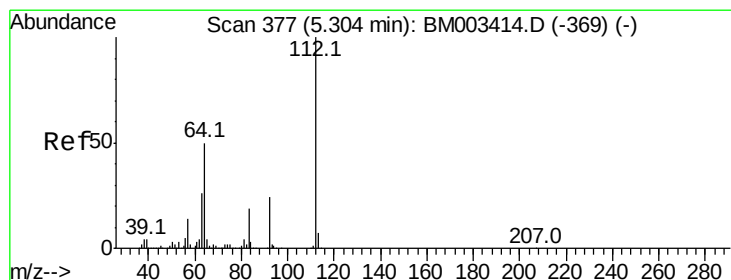
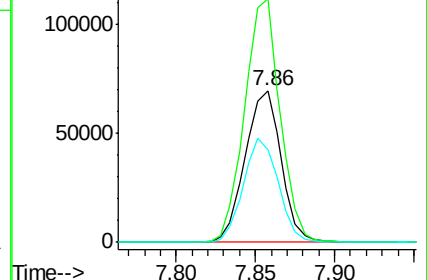
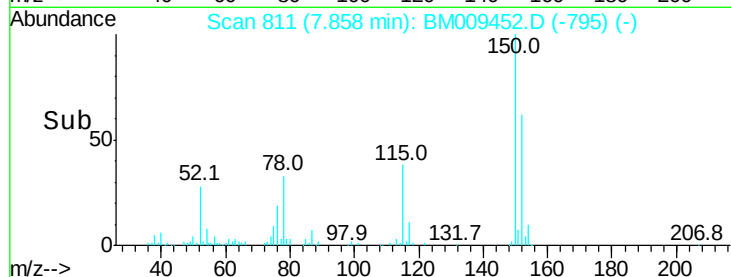
115 60.9 43.0 64.4



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: 91.28 ng

RT: 5.43 min Scan# 398

Delta R.T. -0.00 min

Lab File: BM009452.D

Acq: 30 Mar 2017 15:57

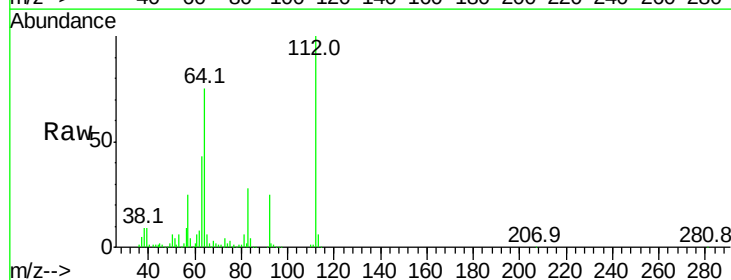
Tgt Ion:112 Resp: 600084

Ion Ratio Lower Upper

112 100

64 75.1 38.6 57.8#

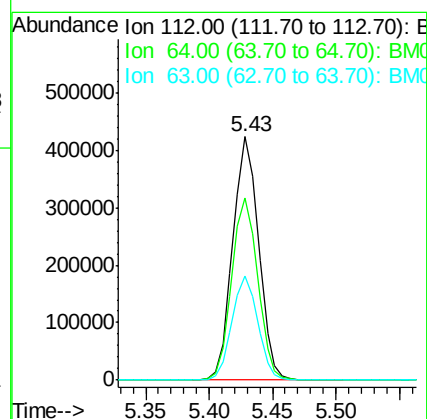
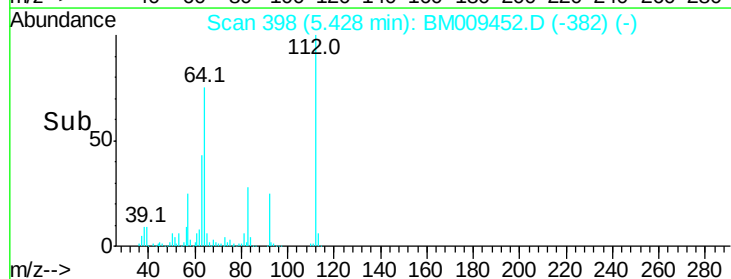
63 42.9 19.3 28.9#

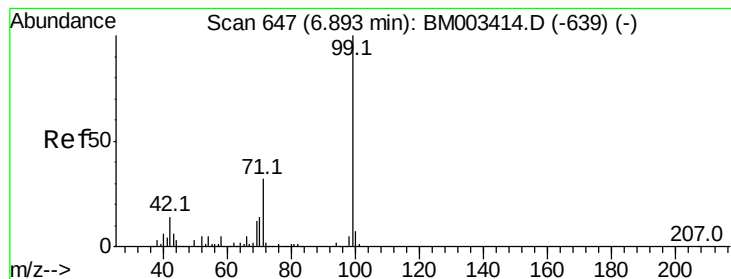


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 88.49 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009452.D

Acq: 30 Mar 2017 15:57

Instrument :

BNA_M

ClientSampleId :

PB97931BL

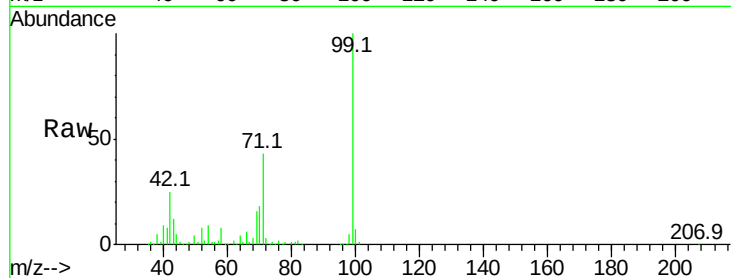
Tot Ion: 99 Resp: 793310

Ion Ratio Lower Upper

99 100

42 24.8 11.0 16.4#

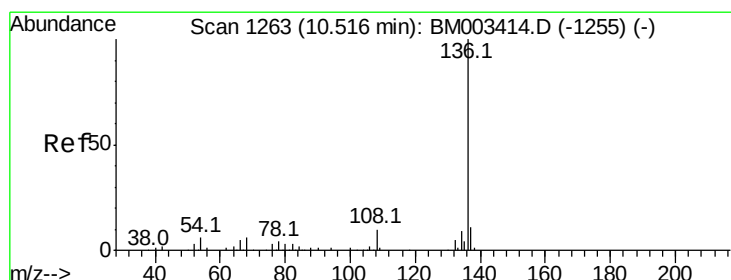
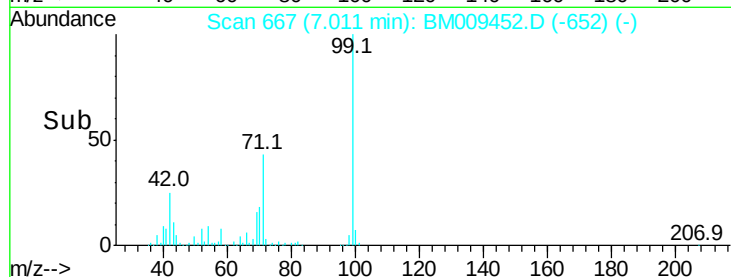
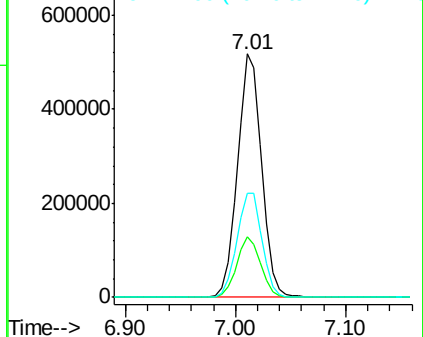
71 42.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009452.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009452.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009452.D (-652) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BM009452.D

Acq: 30 Mar 2017 15:57

Tgt Ion: 136 Resp: 389338

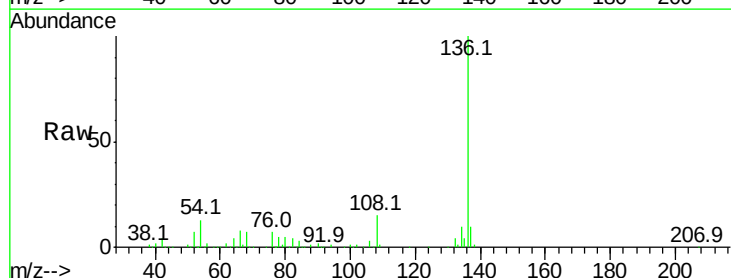
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 12.5 4.6 6.8#

68 7.1 3.7 5.5#

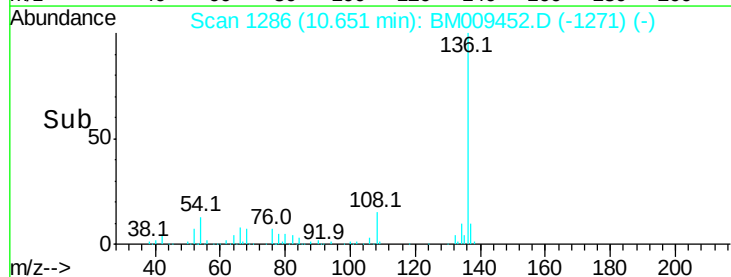
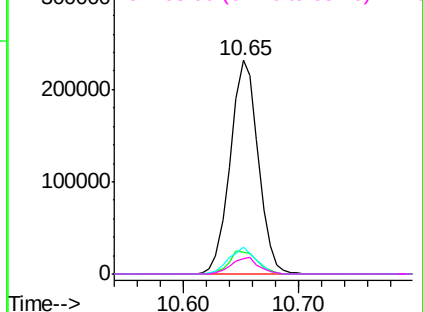


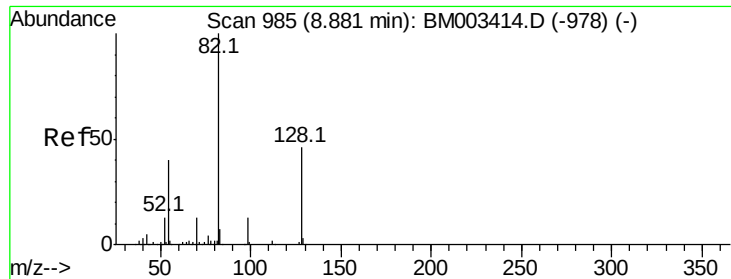
Abundance Ion 136.00 (135.70 to 136.70): BM009452.D (-1271) (-)

Ion 137.00 (136.70 to 137.70): BM009452.D (-1271) (-)

Ion 54.00 (53.70 to 54.70): BM009452.D (-1271) (-)

Ion 68.00 (67.70 to 68.70): BM009452.D (-1271) (-)

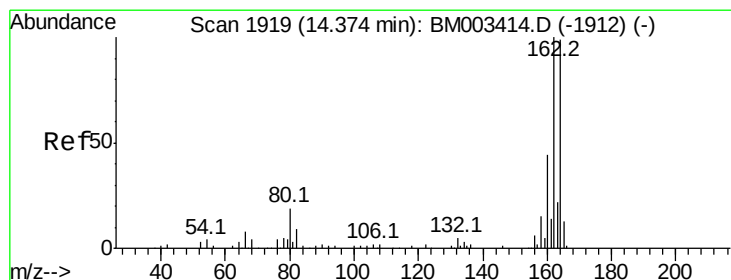
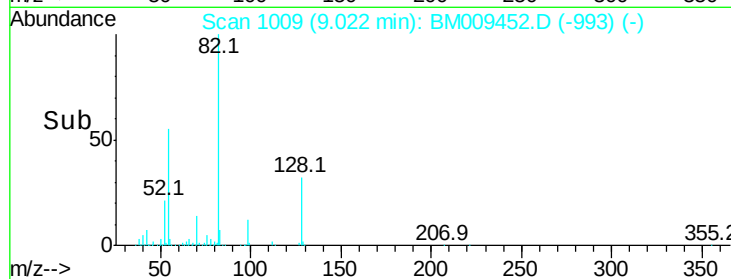
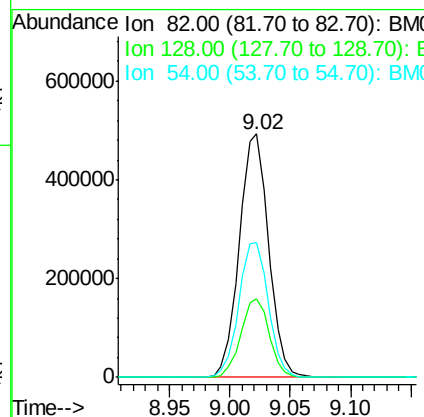
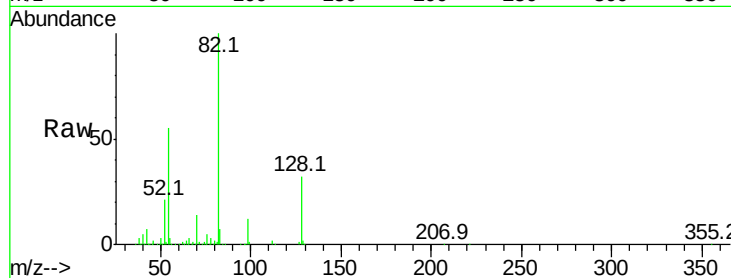




#23
 Nitrobenzene-d5
 Concen: 80.73 ng
 RT: 9.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BM009452.D
 Acq: 30 Mar 2017 15:57

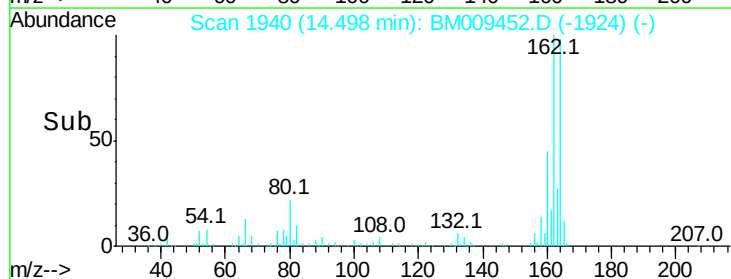
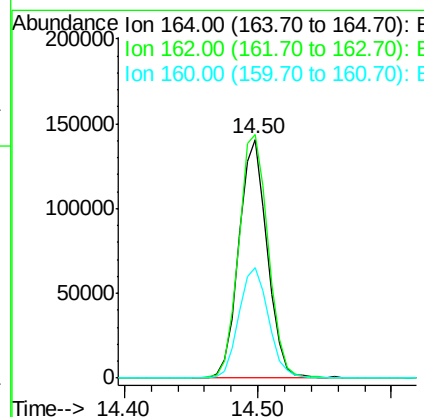
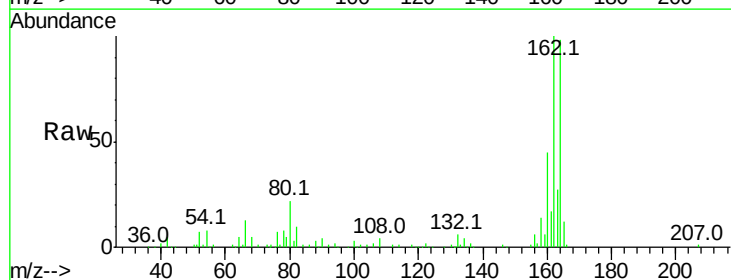
Instrument :
 BNA_M
 ClientSampleId :
 PB97931BL

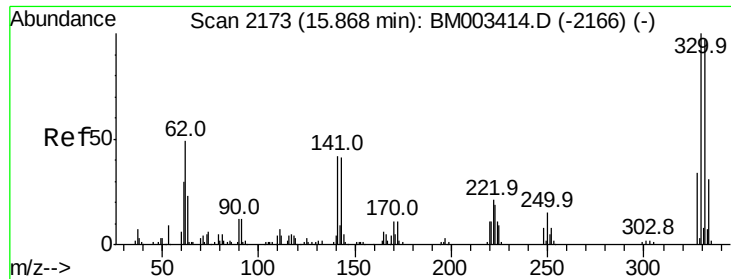
Tot Ion: 82 Resp: 838309
 Ion Ratio Lower Upper
 82 100
 128 32.4 32.8 49.2#
 54 55.5 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.50 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BM009452.D
 Acq: 30 Mar 2017 15:57

Tgt Ion: 164 Resp: 207446
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.4 123.6
 160 46.4 35.8 53.6

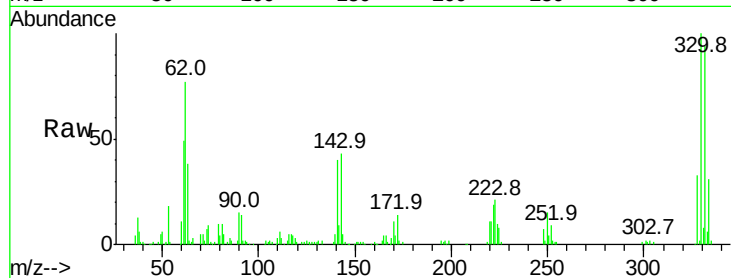




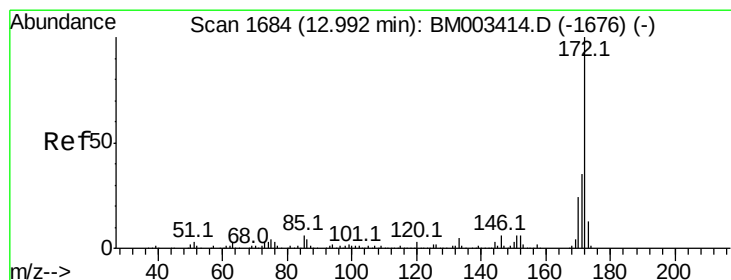
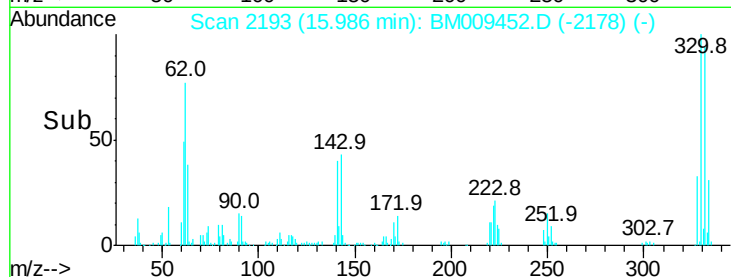
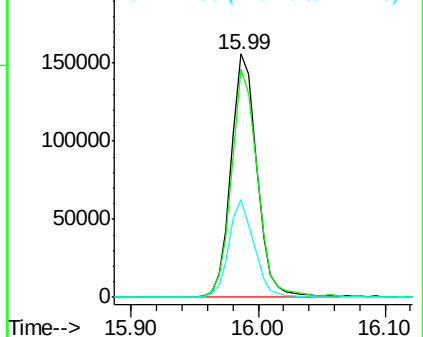
#41
 2,4,6-Tribromophenol
 Concen: 85.52 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009452.D
 Acq: 30 Mar 2017 15:57

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	0.0	0.0#
141	39.5	0.0	0.0#

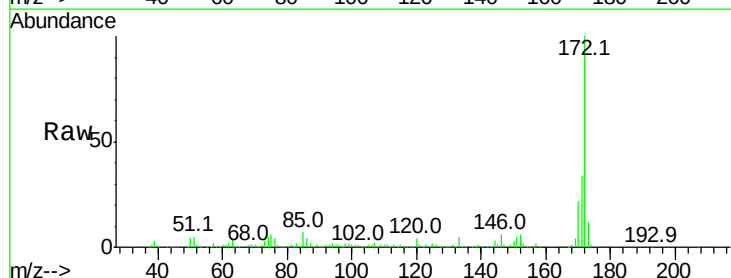


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

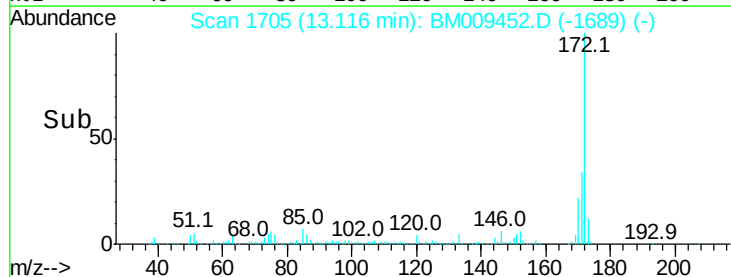
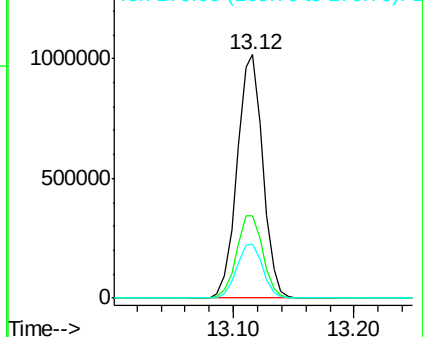


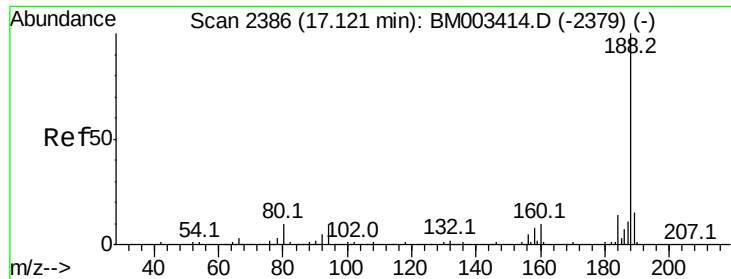
#44
 2-Fluorobiphenyl
 Concen: 87.46 ng
 RT: 13.12 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM009452.D
 Acq: 30 Mar 2017 15:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.5	42.7
170	22.5	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

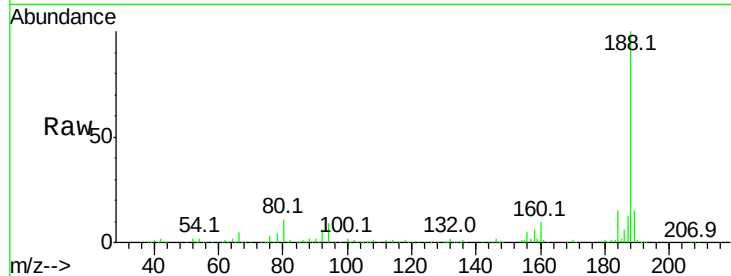




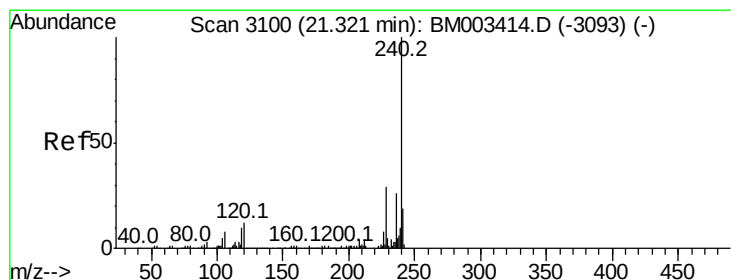
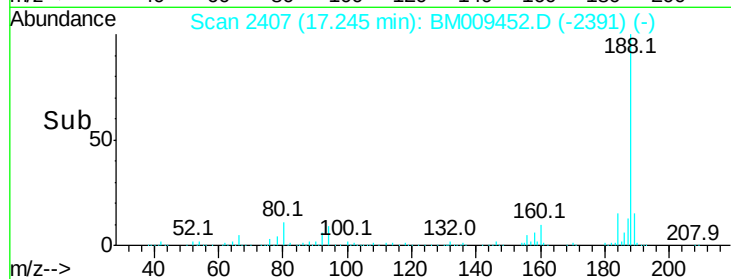
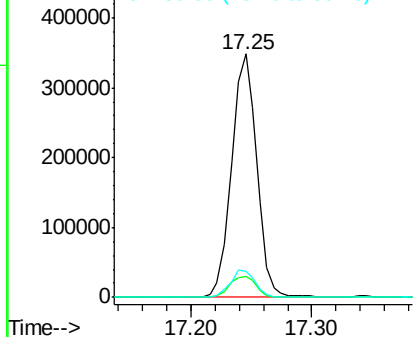
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.25 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM009452.D
Acq: 30 Mar 2017 15:57

Instrument :
BNA_M
ClientSampleId :
PB97931BL

Tot Ion:188 Resp: 507764
Ion Ratio Lower Upper
188 100
94 8.5 8.7 13.1#
80 10.6 9.3 13.9

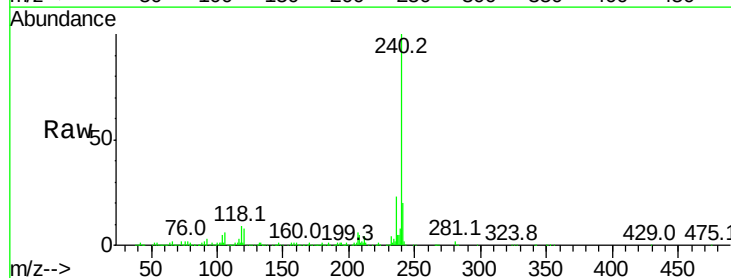


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

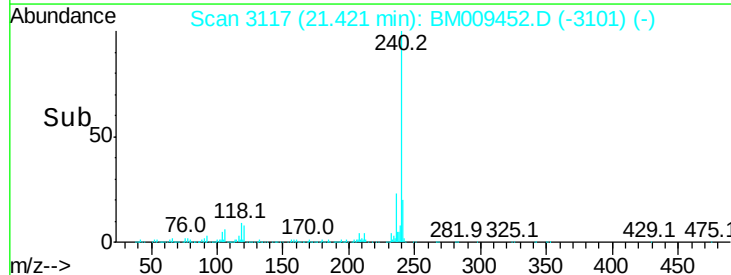
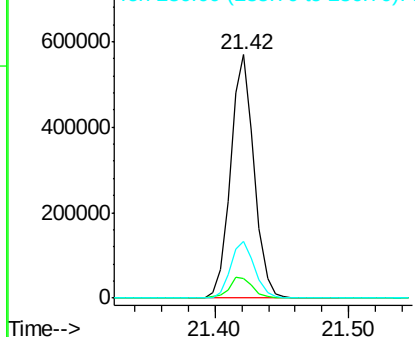


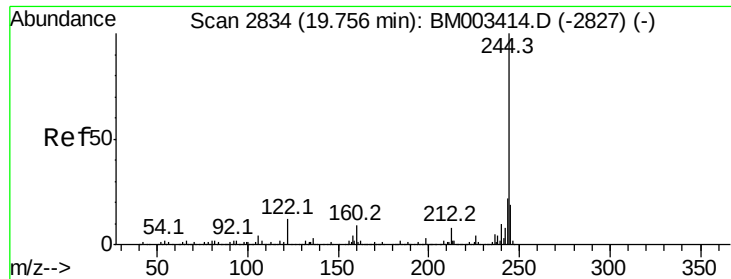
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM009452.D
Acq: 30 Mar 2017 15:57

Tgt Ion:240 Resp: 700266
Ion Ratio Lower Upper
240 100
120 8.3 8.2 12.2
236 23.2 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: 70.45 ng

RT: 19.86 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM009452.D

Acq: 30 Mar 2017 15:57

Instrument :

BNA_M

ClientSampleId :

PB97931BL

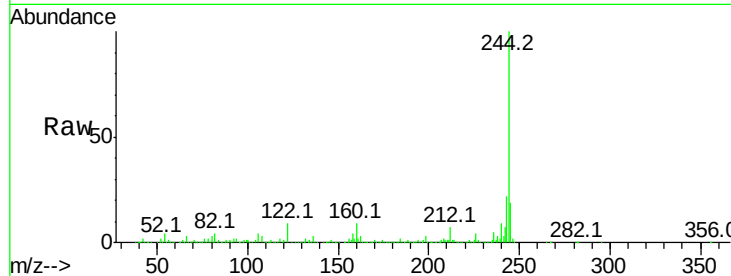
Tot Ion:244 Resp: 2360988

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

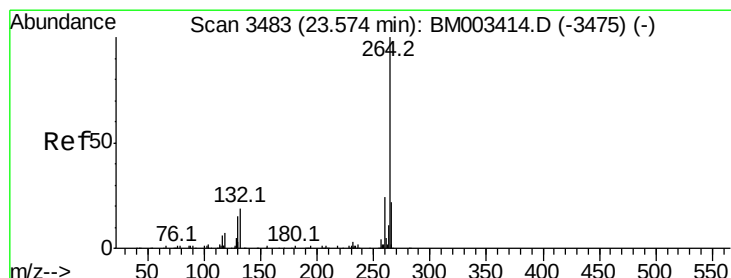
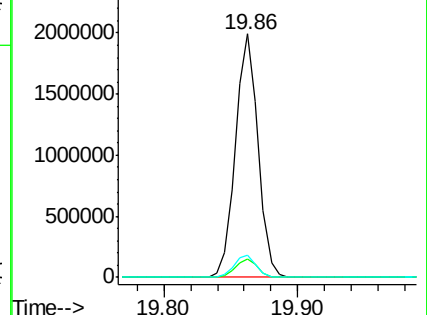
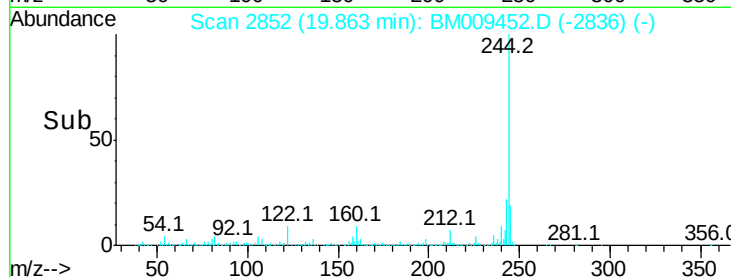
122 9.3 6.2 9.4



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# 3512

Delta R.T. -0.01 min

Lab File: BM009452.D

Acq: 30 Mar 2017 15:57

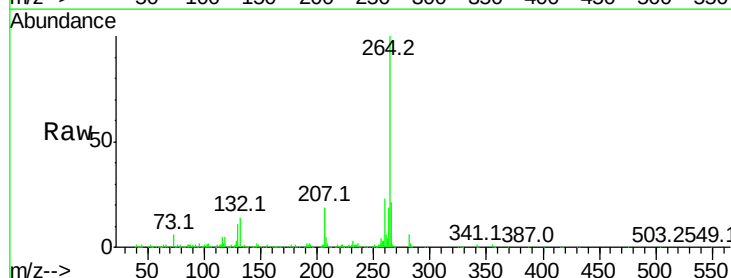
Tgt Ion:264 Resp: 619056

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.1 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

