

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
 Data File : BM009460.D
 Acq On : 30 Mar 2017 20:45
 Operator : SJ/MA
 Sample : PB97933BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97933BL

Quant Time: Mar 31 08:52:28 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	7.85	152	99276	20.00	ng	-0.01
21) Naphthalene-d8	10.65	136	373769	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	204826	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	481589	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	676557	20.00	ng	-0.01
86) Perylene-d12	23.74	264	674842	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	861063	144.57	ng	0.00
7) Phenol-d6	7.01	99	1176016	144.80	ng	-0.01
23) Nitrobenzene-d5	9.02	82	814198	81.67	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	350200	137.63	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	1454599	85.57	ng	-0.01
78) Terphenyl-d14	19.86	244	2373876	73.32	ng	0.00

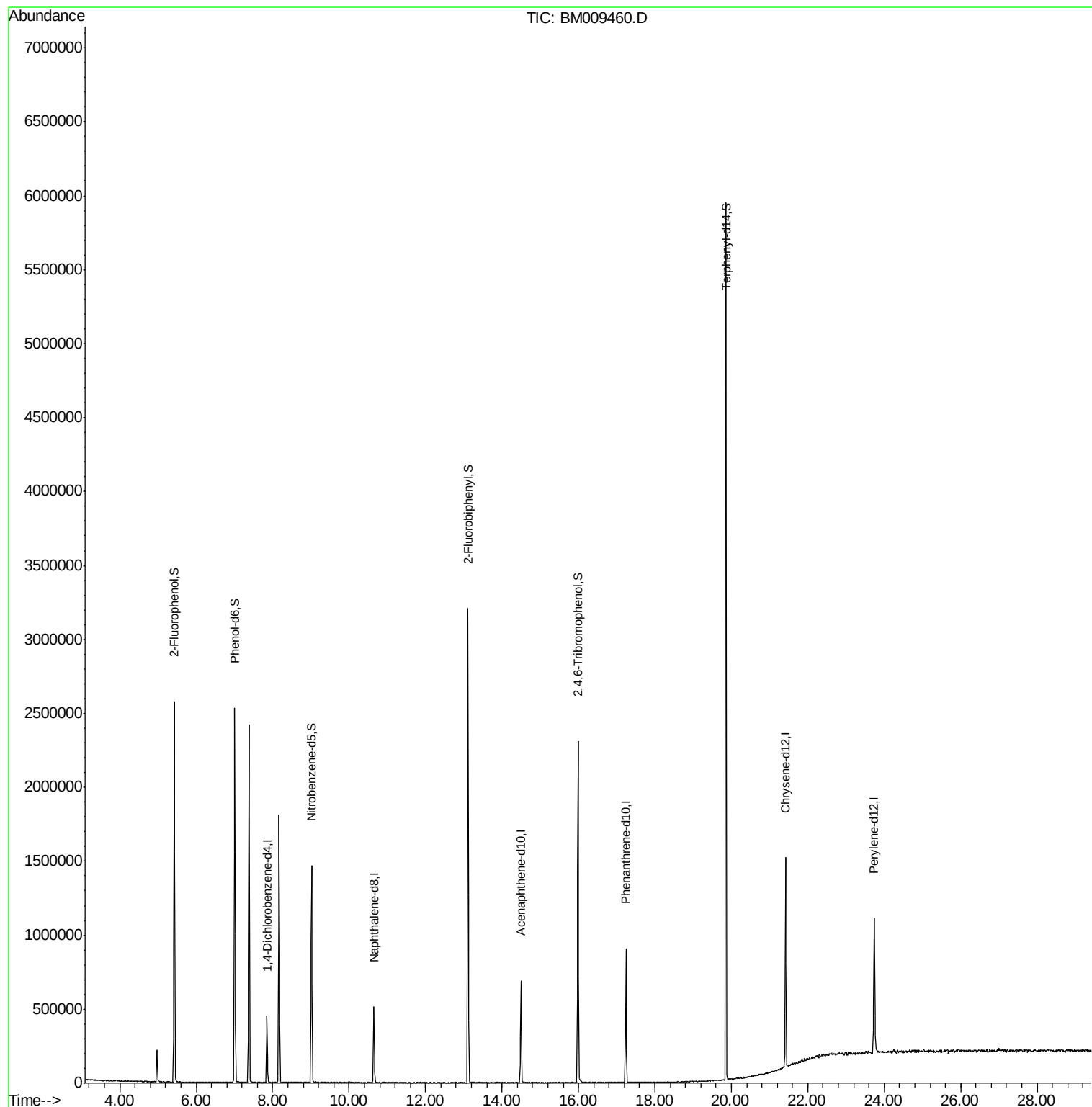
Target Compounds Qvalue

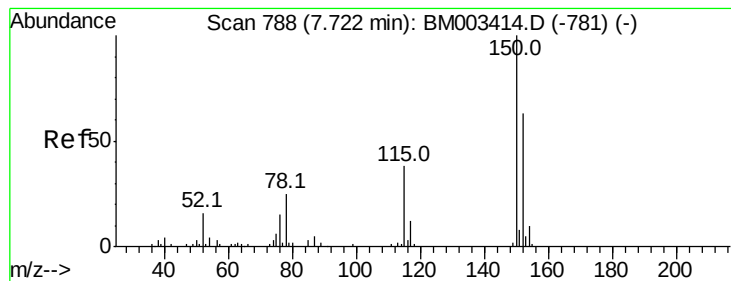
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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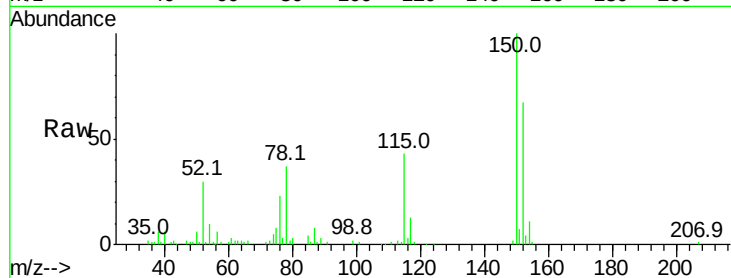


#1

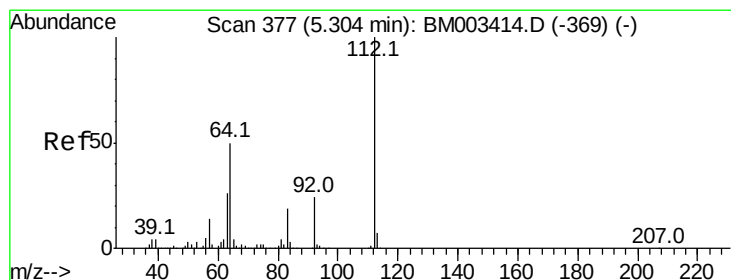
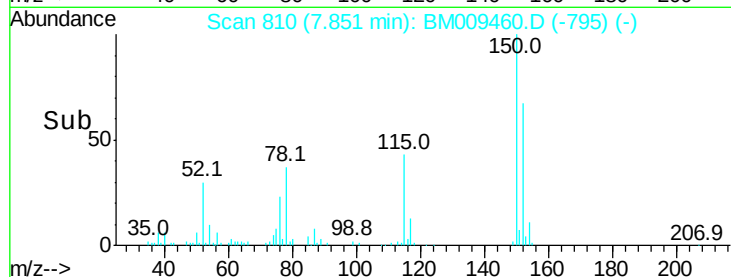
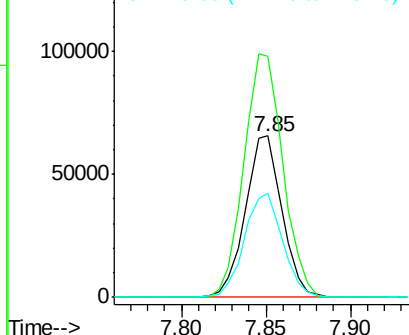
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BM009460.D
Acq: 30 Mar 2017 20:45

Instrument :
BNA_M
ClientSampled :
PB97933BL

Tot Ion:152 Resp: 99276
Ion Ratio Lower Upper
152 100
150 149.3 119.5 179.3
115 64.1 43.0 64.4



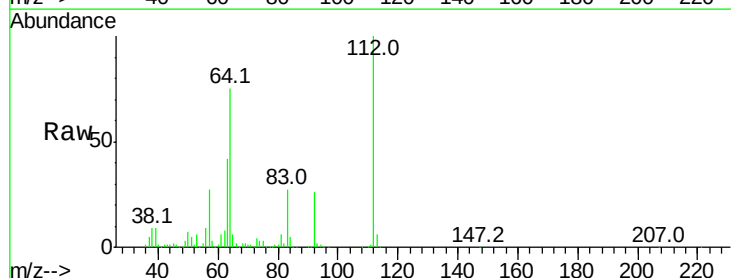
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



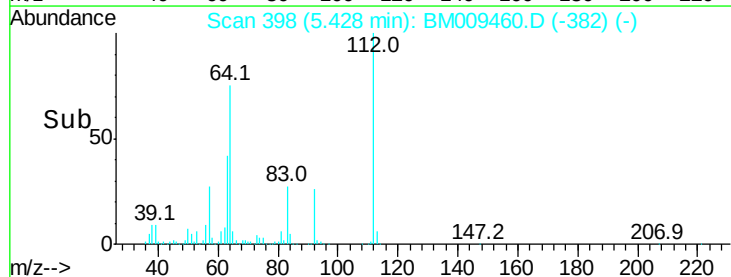
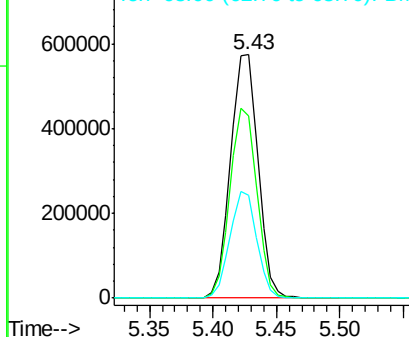
#5

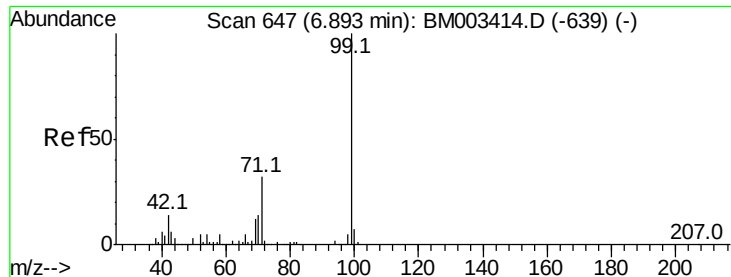
2-Fluorophenol
Concen: 144.57 ng
RT: 5.43 min Scan# 398
Delta R.T. -0.01 min
Lab File: BM009460.D
Acq: 30 Mar 2017 20:45

Tgt Ion:112 Resp: 861063
Ion Ratio Lower Upper
112 100
64 74.8 38.6 57.8#
63 42.0 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: 144.80 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009460.D

Acq: 30 Mar 2017 20:45

Instrument :

BNA_M

ClientSampleId :

PB97933BL

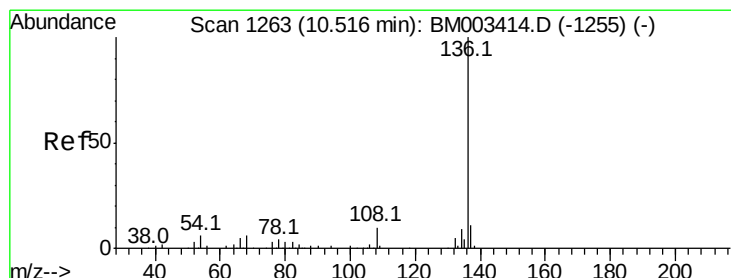
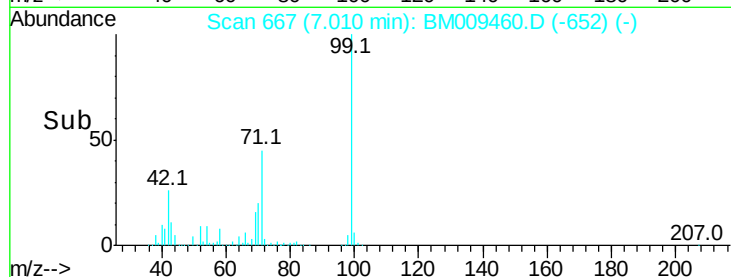
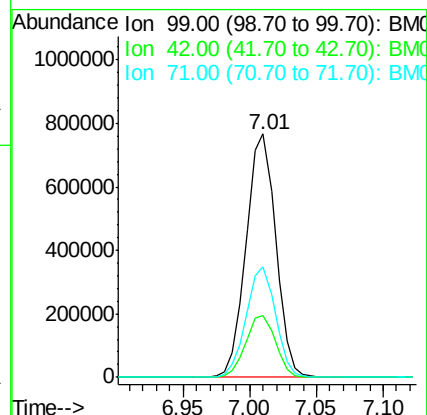
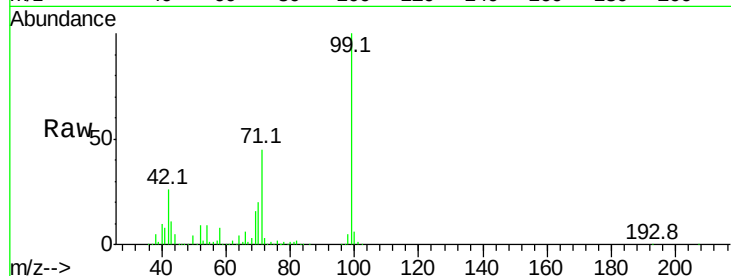
Tot Ion: 99 Resp: 1176016

Ion Ratio Lower Upper

99 100

42 25.6 11.0 16.4#

71 45.5 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BM009460.D

Acq: 30 Mar 2017 20:45

Tgt Ion: 136 Resp: 373769

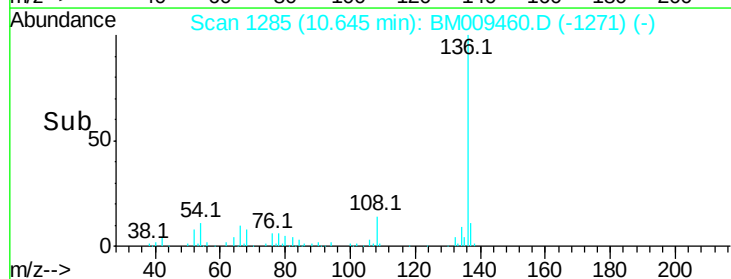
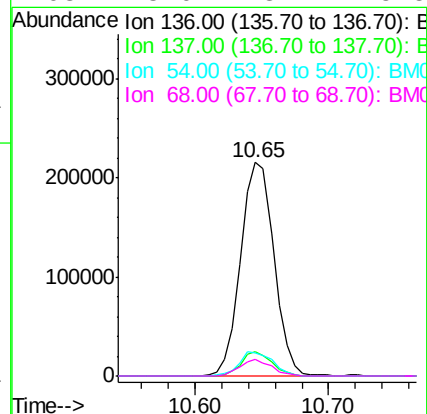
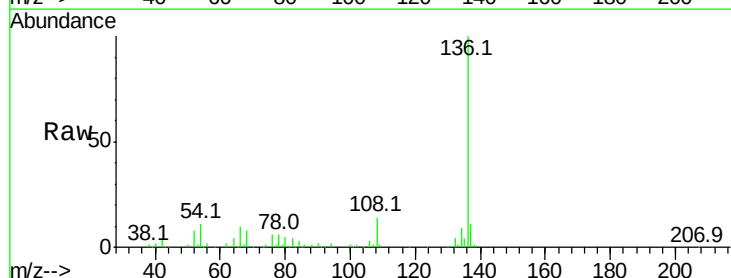
Ion Ratio Lower Upper

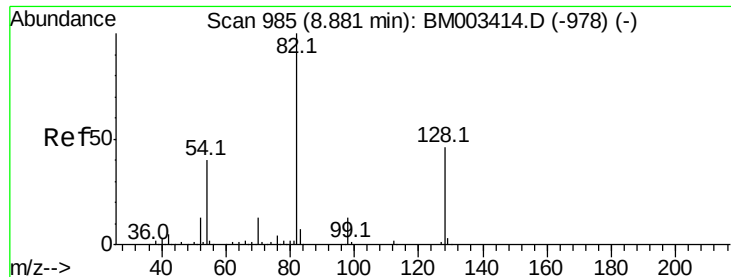
136 100

137 11.3 8.7 13.1

54 10.6 4.6 6.8#

68 8.0 3.7 5.5#

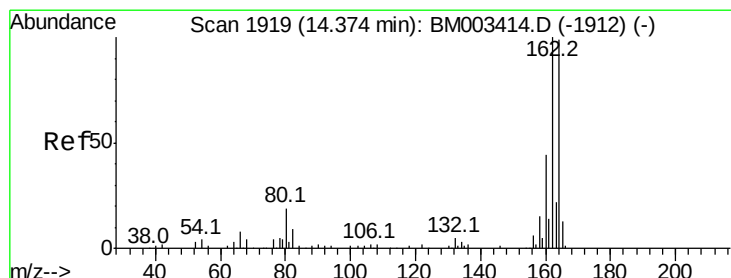
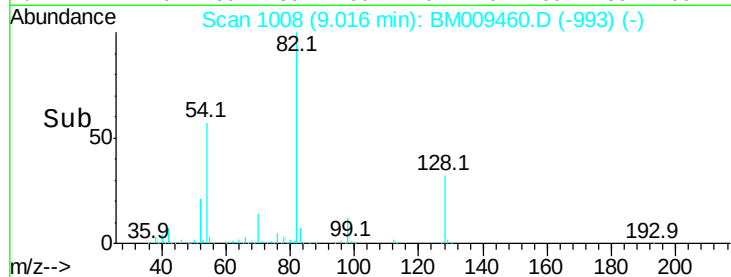
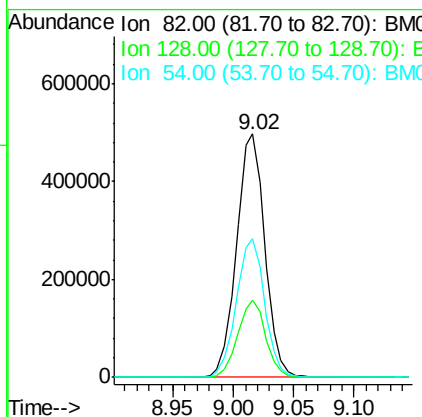
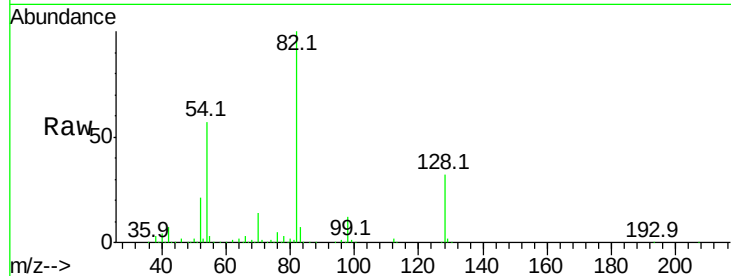




#23
 Nitrobenzene-d5
 Concen: 81.67 ng
 RT: 9.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BM009460.D
 Acq: 30 Mar 2017 20:45

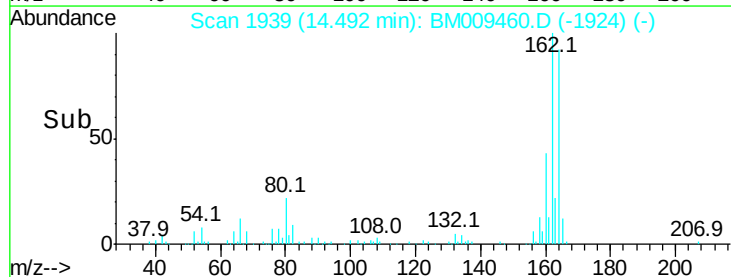
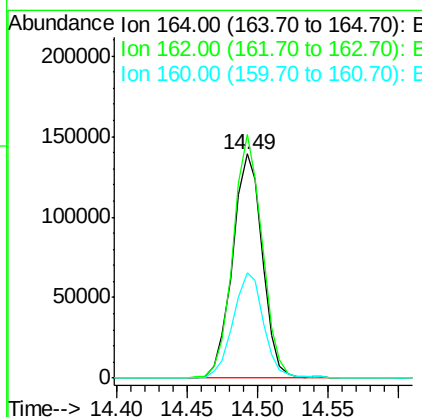
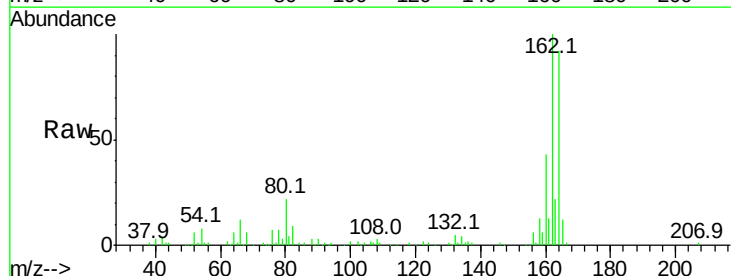
Instrument :
 BNA_M
 ClientSampleId :
 PB97933BL

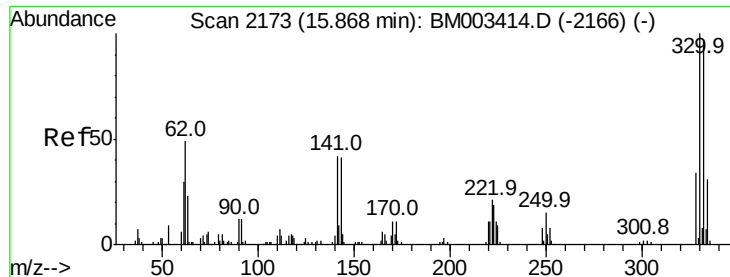
Tot Ion: 82 Resp: 814198
 Ion Ratio Lower Upper
 82 100
 128 31.6 32.8 49.2#
 54 56.9 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BM009460.D
 Acq: 30 Mar 2017 20:45

Tgt Ion: 164 Resp: 204826
 Ion Ratio Lower Upper
 164 100
 162 108.7 82.4 123.6
 160 47.0 35.8 53.6

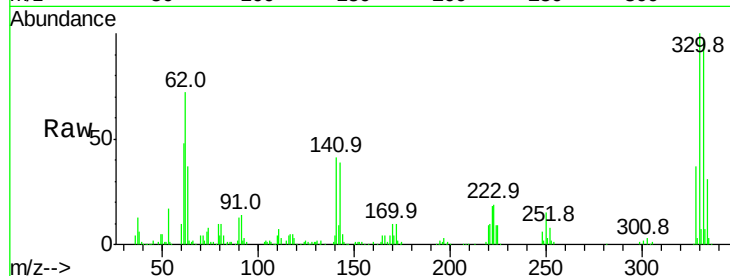




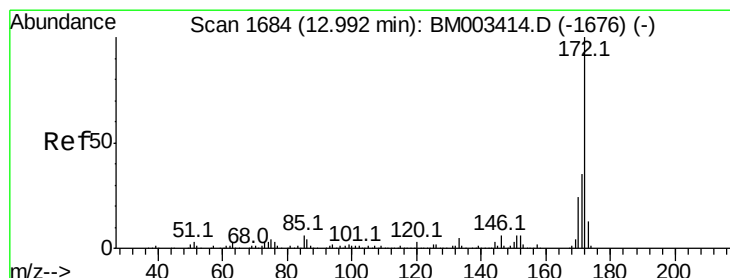
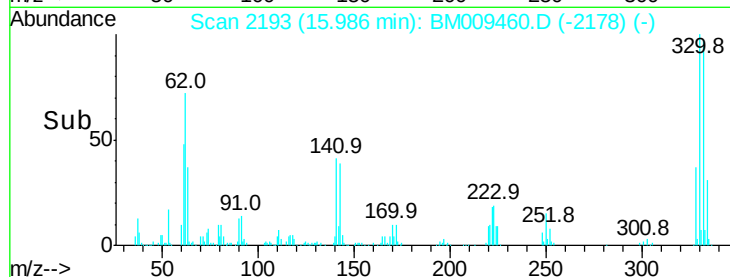
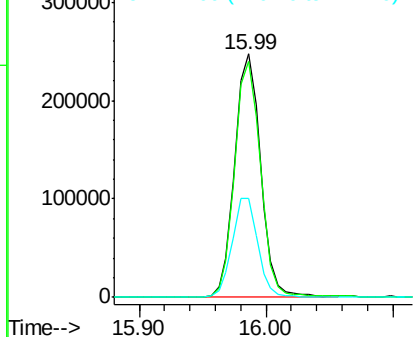
#41
 2,4,6-Tribromophenol
 Concen: 137.63 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009460.D
 Acq: 30 Mar 2017 20:45

Instrument :
 BNA_M
 ClientSampleId :
 PB97933BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	40.5	0.0	0.0#

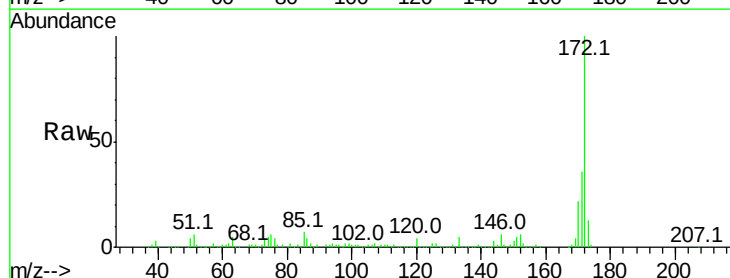


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

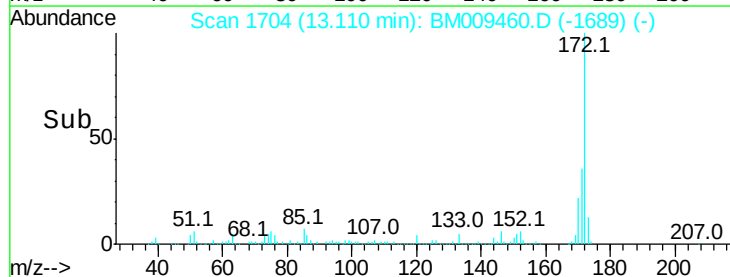
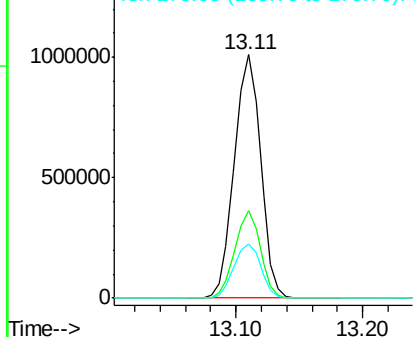


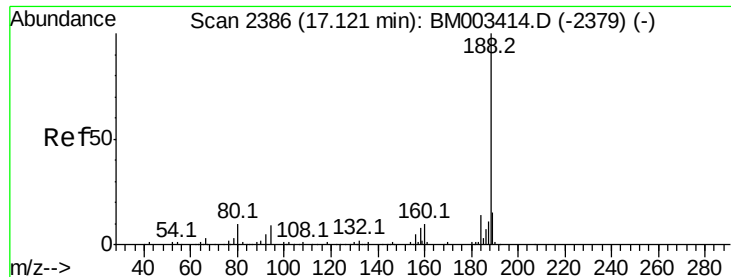
#44
 2-Fluorobiphenyl
 Concen: 85.57 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM009460.D
 Acq: 30 Mar 2017 20:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	22.3	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: BM009460.D

Acq: 30 Mar 2017 20:45

Instrument :

BNA_M

ClientSampleId :

PB97933BL

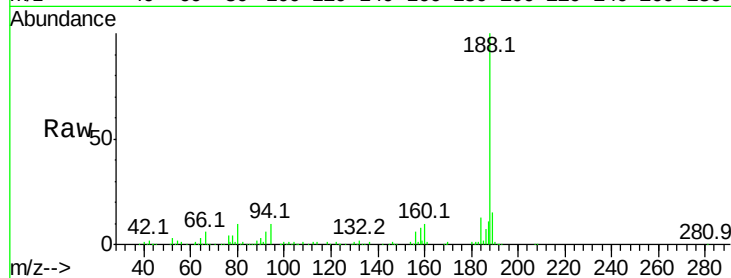
Tot Ion:188 Resp: 481589

Ion Ratio Lower Upper

188 100

94 9.9 8.7 13.1

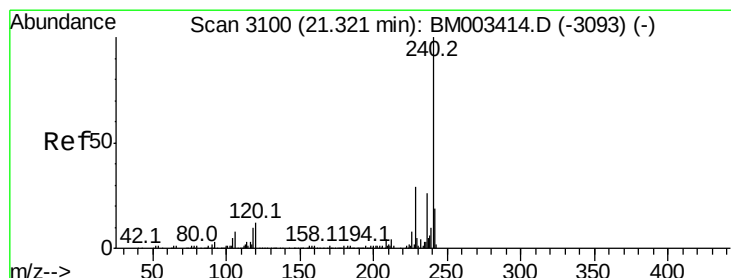
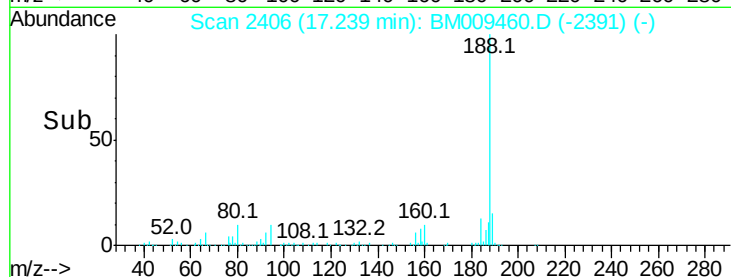
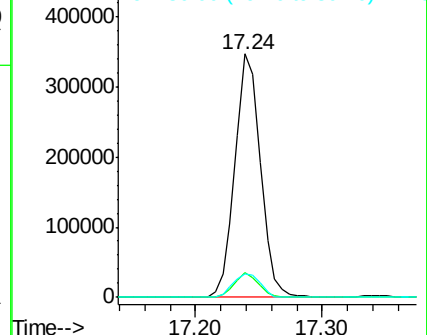
80 9.7 9.3 13.9



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: BM009460.D

Acq: 30 Mar 2017 20:45

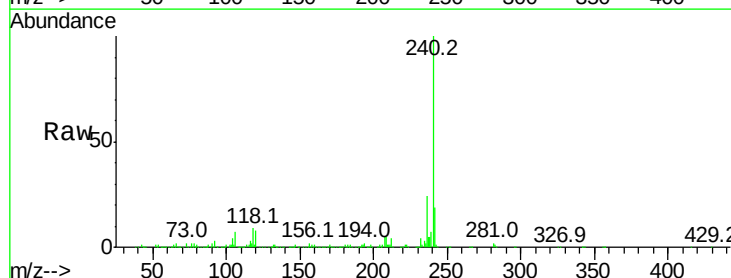
Tgt Ion:240 Resp: 676557

Ion Ratio Lower Upper

240 100

120 8.0 8.2 12.2#

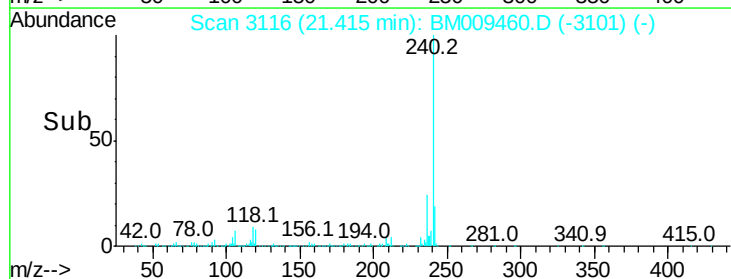
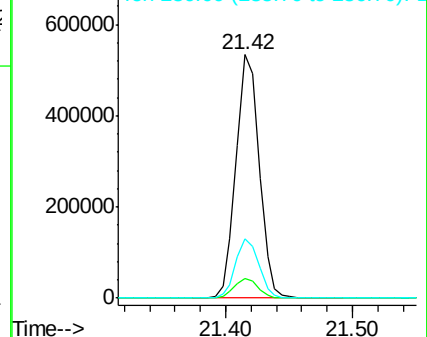
236 24.5 20.0 30.0

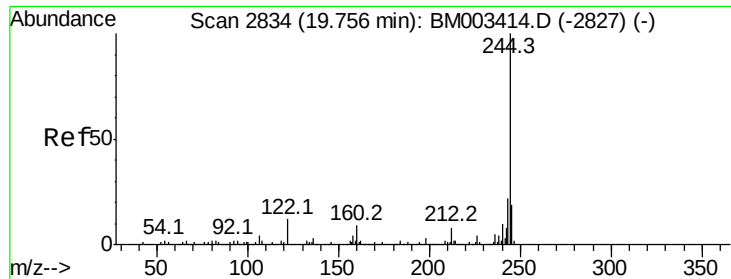


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.32 ng

RT: 19.86 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM009460.D

Acq: 30 Mar 2017 20:45

Instrument :

BNA_M

ClientSampleId :

PB97933BL

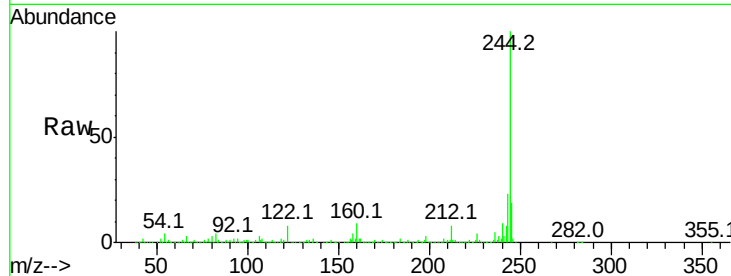
Tot Ion:244 Resp: 2373876

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

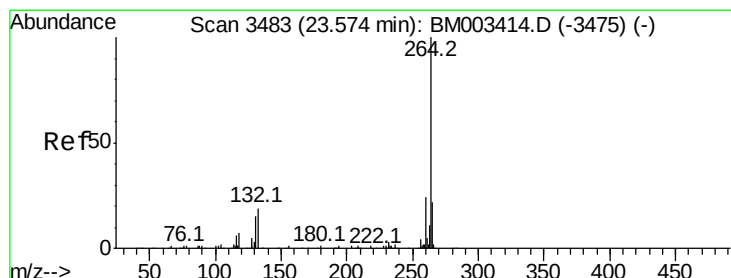
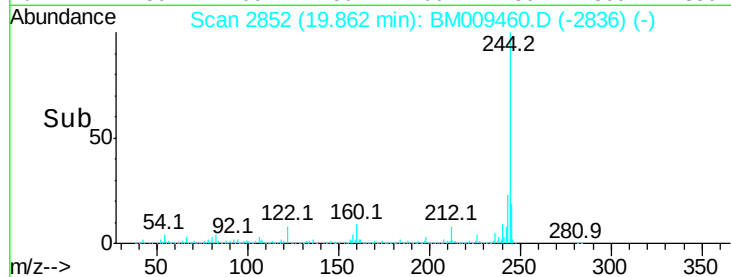
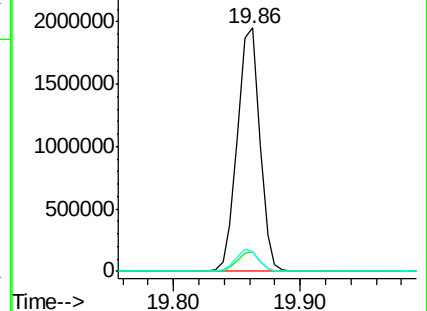
122 8.0 6.2 9.4



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: BM009460.D

Acq: 30 Mar 2017 20:45

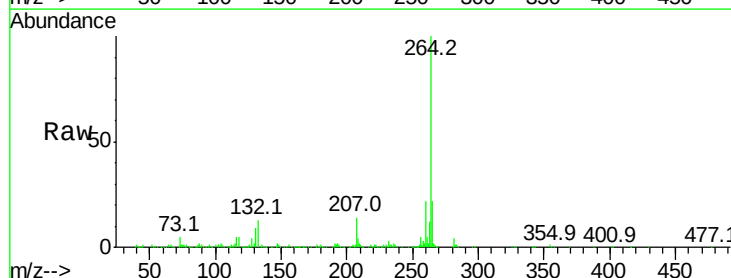
Tgt Ion:264 Resp: 674842

Ion Ratio Lower Upper

264 100

260 21.8 18.6 27.8

265 21.7 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

