

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120915\
 Data File : BM003450.D
 Acq On : 10 Dec 2015 13:42
 Operator : UM/IZ
 Sample : G4690-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 10 15:11:28 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	76989	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	337014	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	185477	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	382360	20.00	ng	0.00
75) Chrysene-d12	21.32	240	369185	20.00	ng	0.00
86) Perylene-d12	23.57	264	351317	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	300018	69.28	ng	0.00
7) Phenol-d6	6.89	99	253349	42.13	ng	0.00
23) Nitrobenzene-d5	8.88	82	508793	93.61	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	255367	137.86	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1251293	91.91	ng	0.00
78) Terphenyl-d14	19.76	244	1287238	82.23	ng	0.00

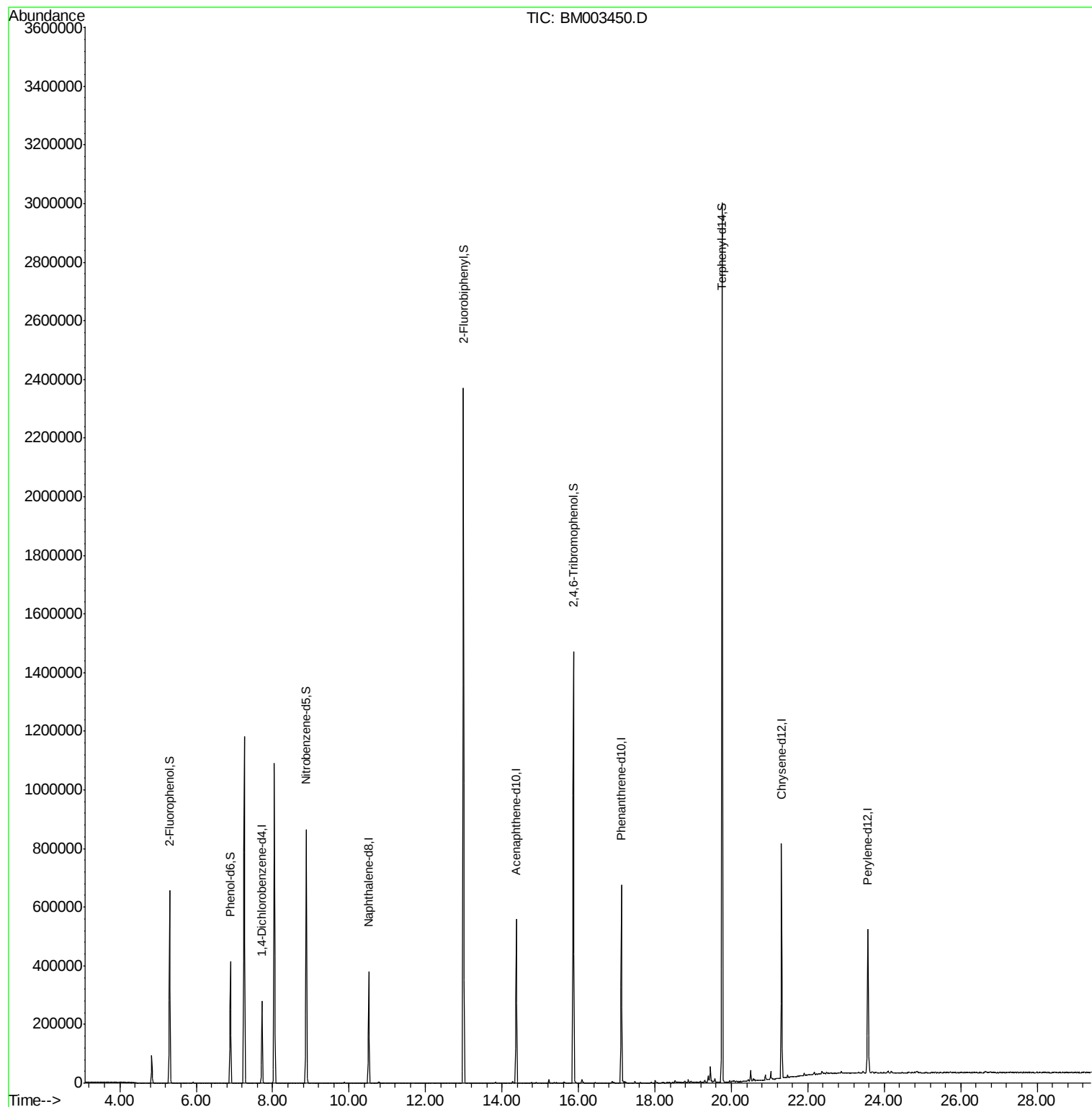
Target Compounds Qvalue

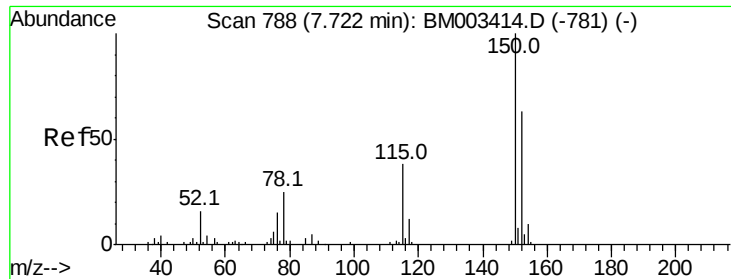
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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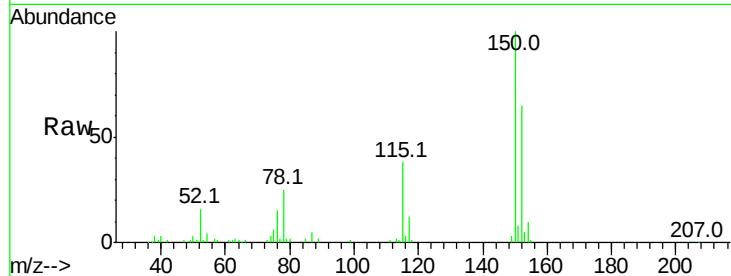


#1

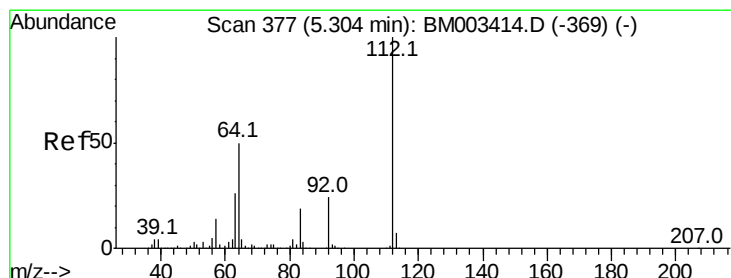
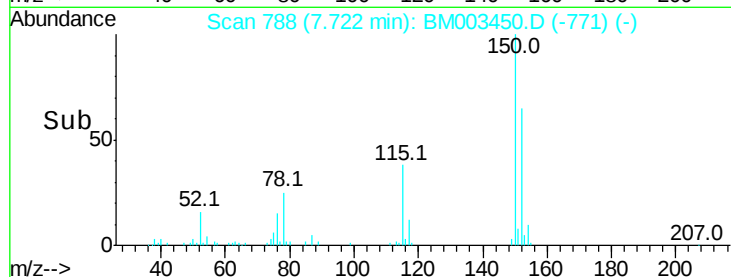
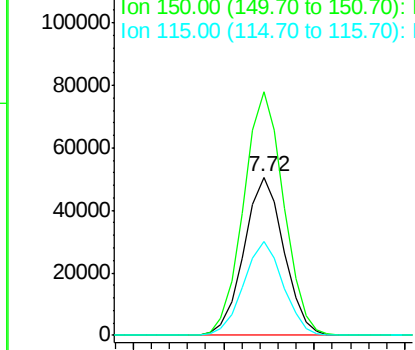
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003450.D
Acq: 10 Dec 2015 13:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 76989
Ion Ratio Lower Upper
152 100
150 153.8 119.5 179.3
115 59.1 43.0 64.4



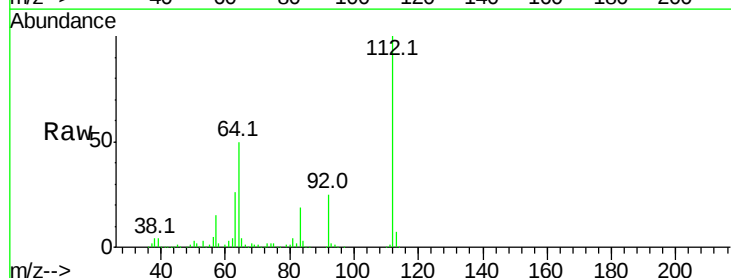
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



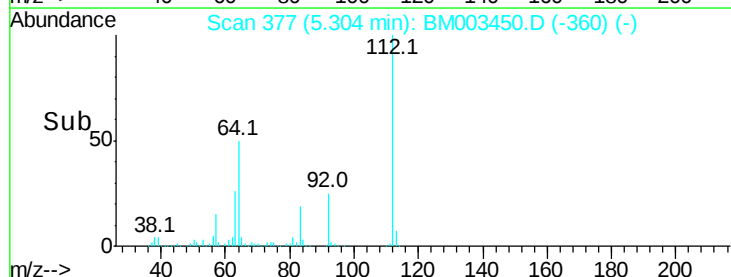
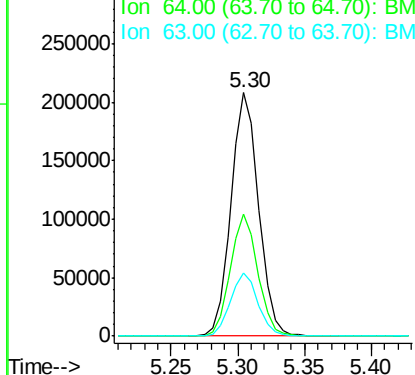
#5

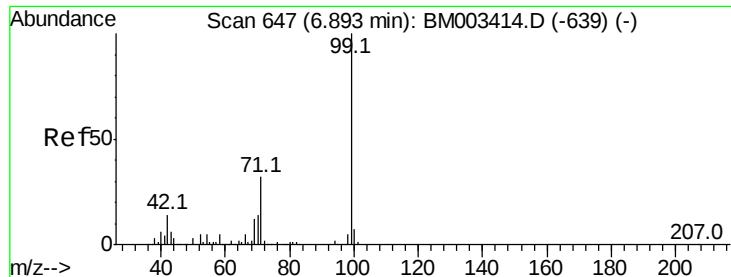
2-Fluorophenol
Concen: 69.28 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003450.D
Acq: 10 Dec 2015 13:42

Tgt Ion:112 Resp: 300018
Ion Ratio Lower Upper
112 100
64 50.2 38.6 57.8
63 25.9 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: 42.13 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM003450.D

Acq: 10 Dec 2015 13:42

Instrument :

BNA_M

ClientSampleId :

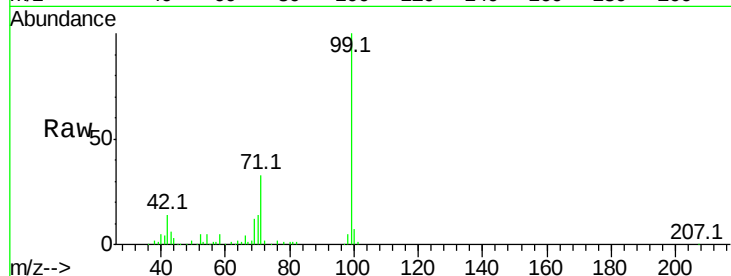
Tot Ion: 99 Resp: 253349

Ion Ratio Lower Upper

99 100

42 13.6 11.0 16.4

71 32.9 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)

6.89

200000

150000

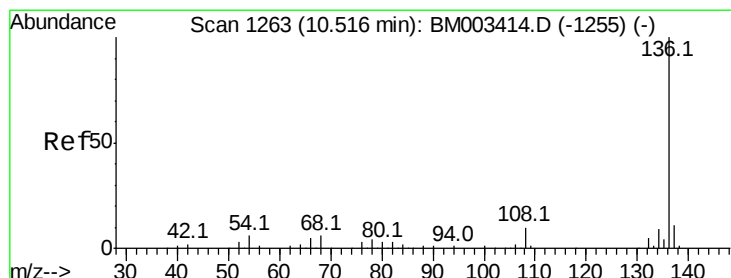
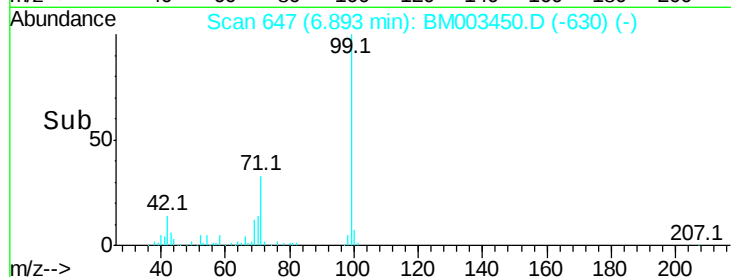
100000

50000

0

6.80 6.85 6.90 6.95 7.00

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.52 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BM003450.D

Acq: 10 Dec 2015 13:42

Tgt Ion: 136 Resp: 337014

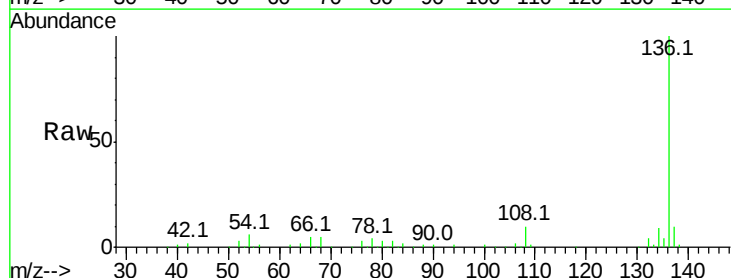
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 5.7 4.6 6.8

68 5.4 3.7 5.5



Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

Ion 137.00 (136.70 to 137.70): BM003414.D (-1255) (-)

Ion 54.00 (53.70 to 54.70): BM003414.D (-1255) (-)

Ion 68.00 (67.70 to 68.70): BM003414.D (-1255) (-)

10.52

300000

250000

200000

150000

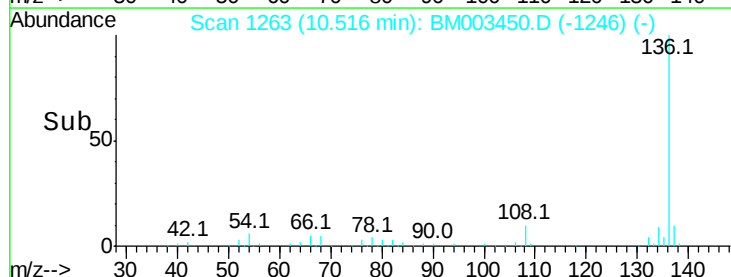
100000

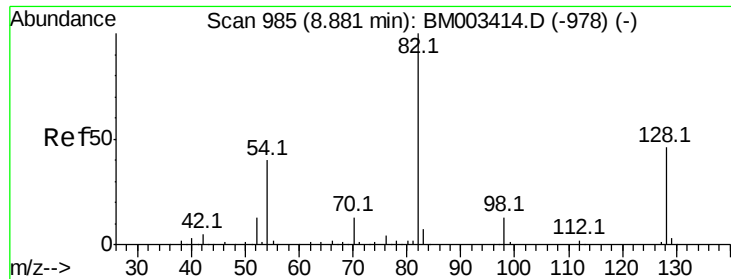
50000

0

10.50 10.55 10.60

Time-->

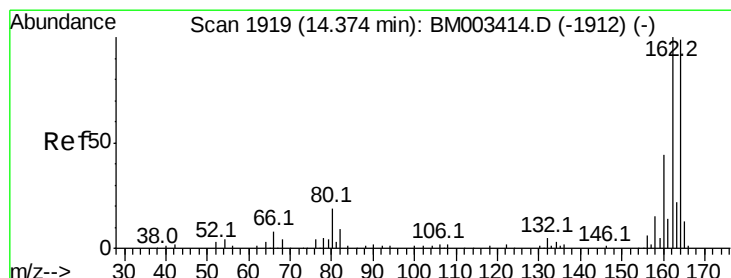
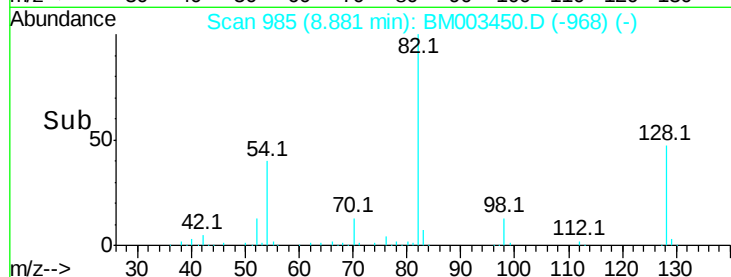
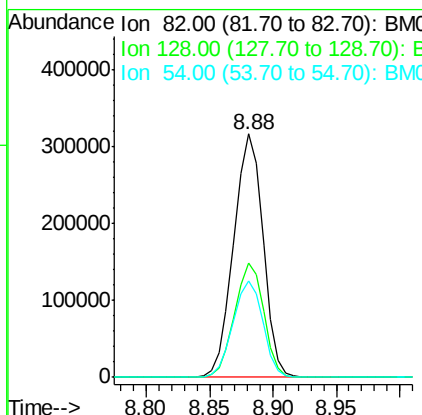
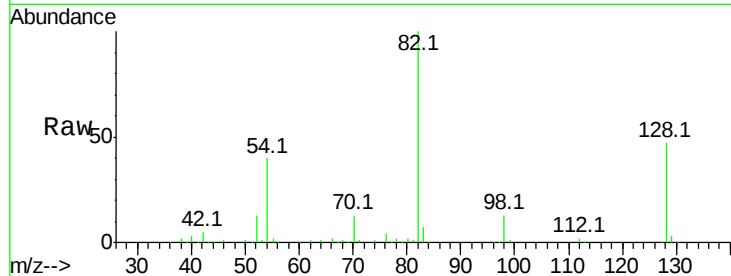




#23
 Nitrobenzene-d5
 Concen: 93.61 ng
 RT: 8.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BM003450.D
 Acq: 10 Dec 2015 13:42

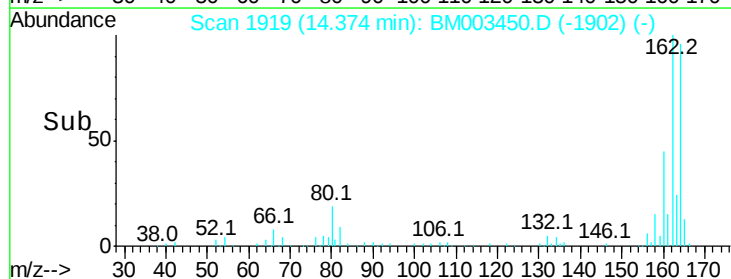
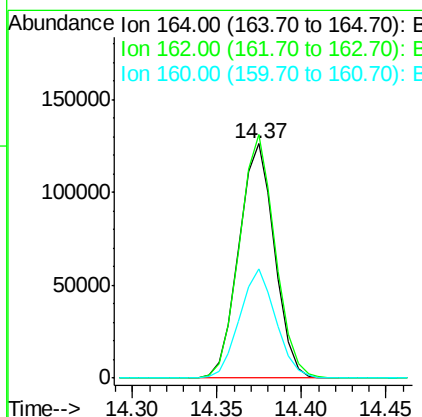
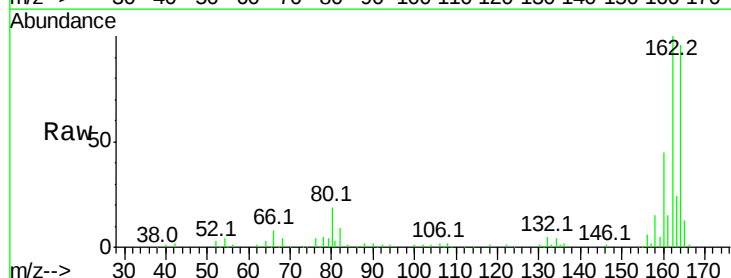
Instrument :
 BNA_M
 ClientSampled :

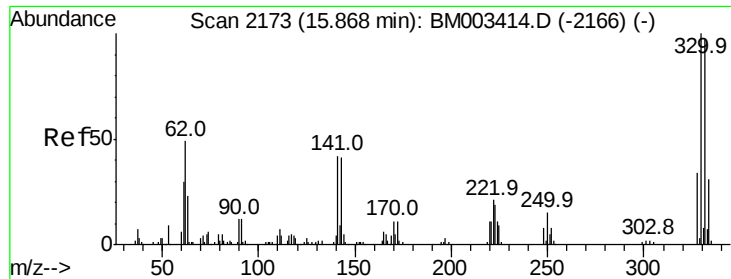
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	32.8	49.2
54	39.8	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.37 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BM003450.D
 Acq: 10 Dec 2015 13:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.4	123.6
160	46.4	35.8	53.6

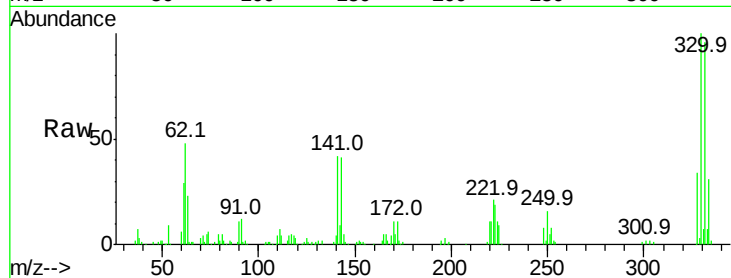




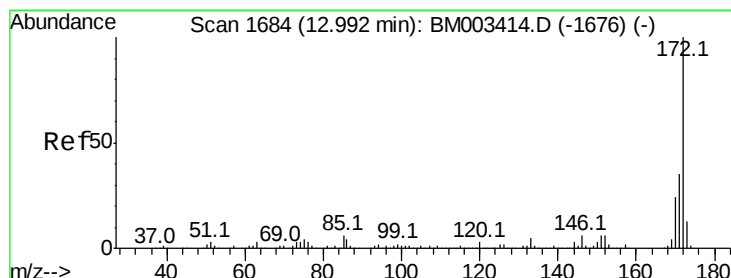
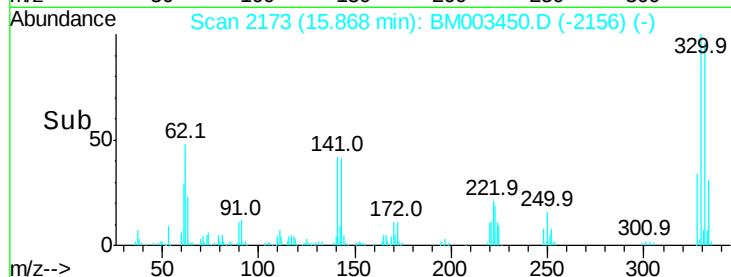
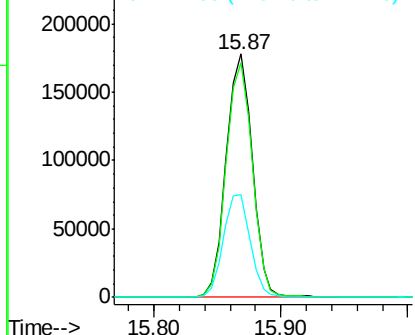
#41
 2,4,6-Tribromophenol
 Concen: 137.86 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BM003450.D
 Acq: 10 Dec 2015 13:42

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	43.4	0.0	0.0#

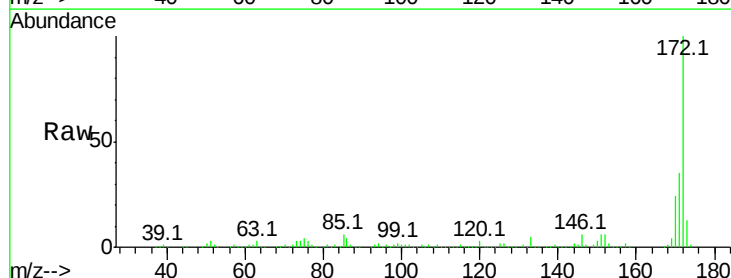


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

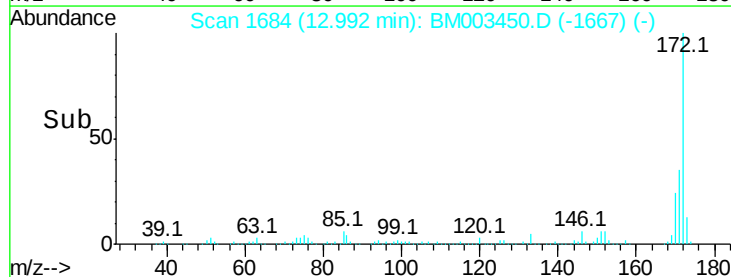
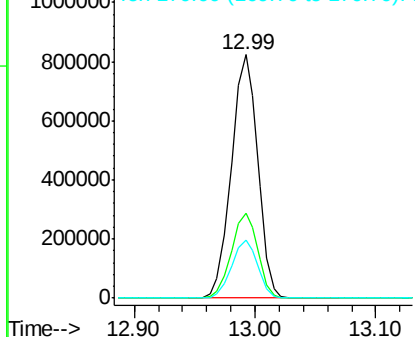


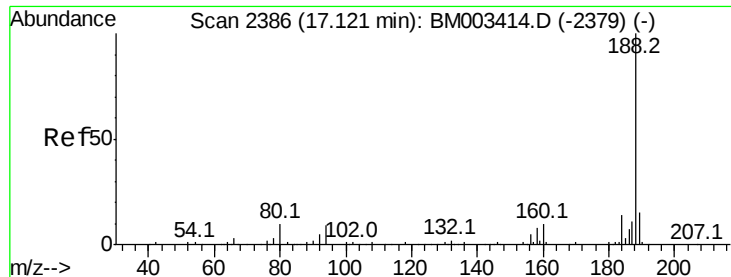
#44
 2-Fluorobiphenyl
 Concen: 91.91 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM003450.D
 Acq: 10 Dec 2015 13:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.9	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: 17.12 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BM003450.D

Acq: 10 Dec 2015 13:42

Instrument :

BNA_M

ClientSampleId :

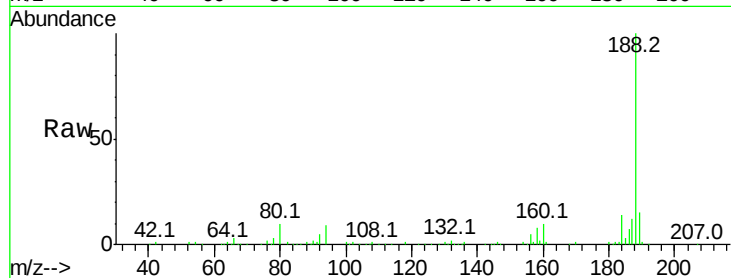
Tot Ion:188 Resp: 382360

Ion Ratio Lower Upper

188 100

94 8.7 8.7 13.1

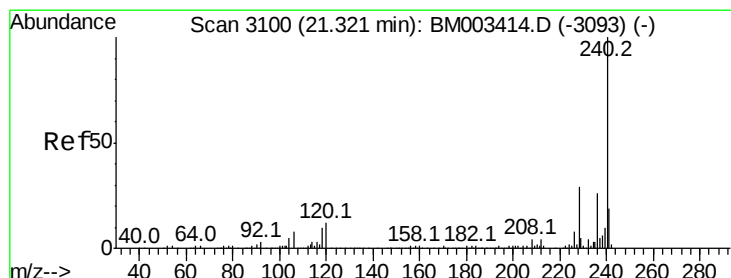
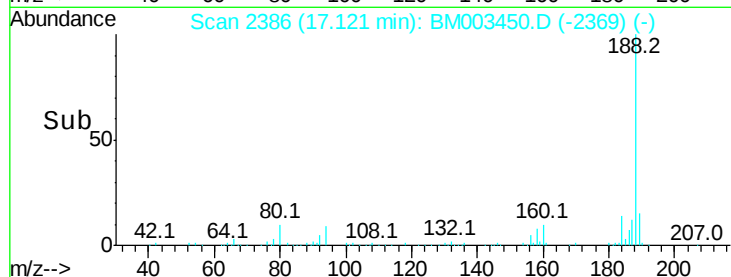
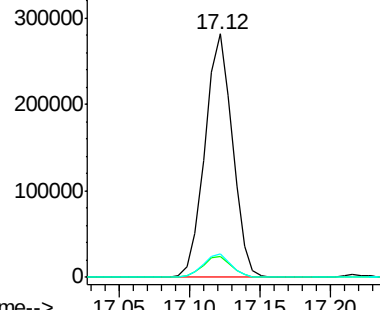
80 9.6 9.3 13.9



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: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM003450.D

Acq: 10 Dec 2015 13:42

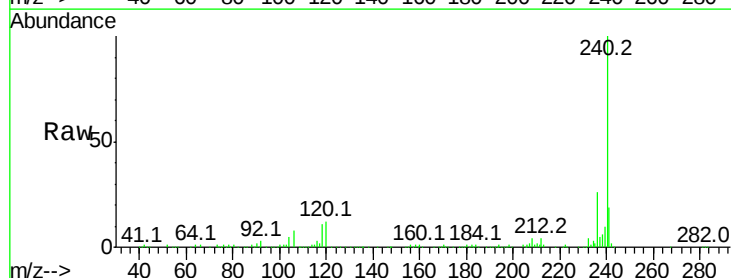
Tgt Ion:240 Resp: 369185

Ion Ratio Lower Upper

240 100

120 11.8 8.2 12.2

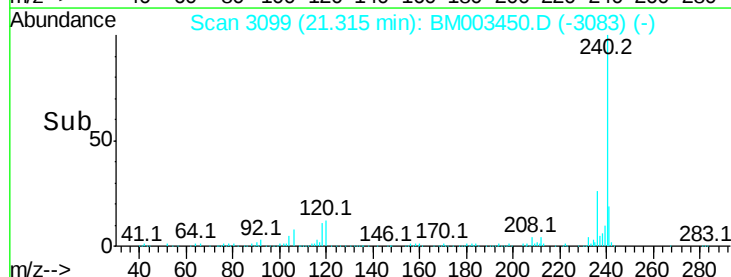
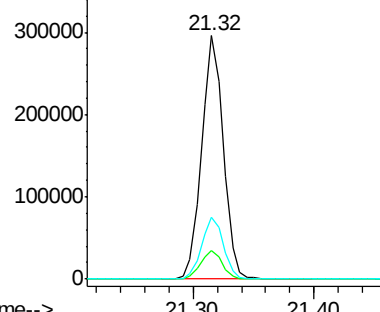
236 25.6 20.0 30.0

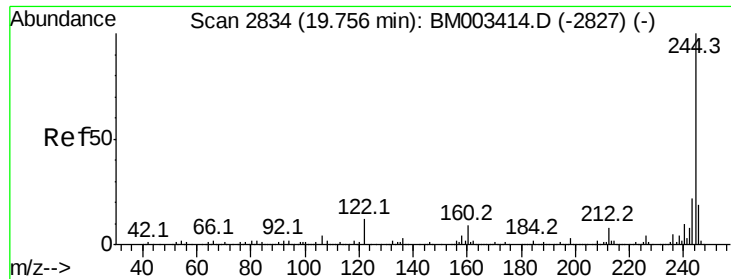


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.23 ng

RT: 19.76 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM003450.D

Acq: 10 Dec 2015 13:42

Instrument :

BNA_M

ClientSampled :

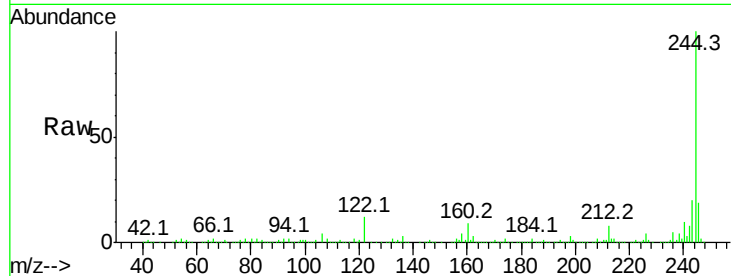
Tot Ion:244 Resp: 1287238

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

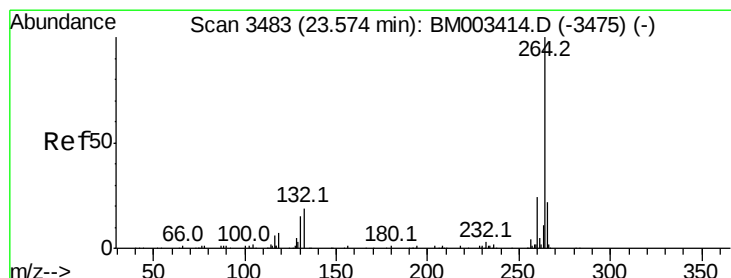
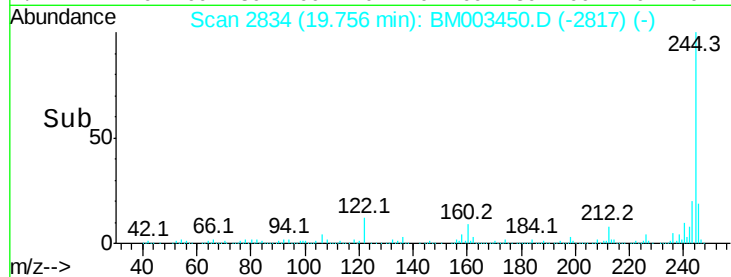
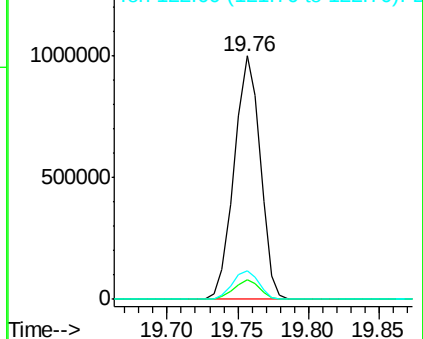
122 11.7 6.2 9.4#



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: 23.57 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM003450.D

Acq: 10 Dec 2015 13:42

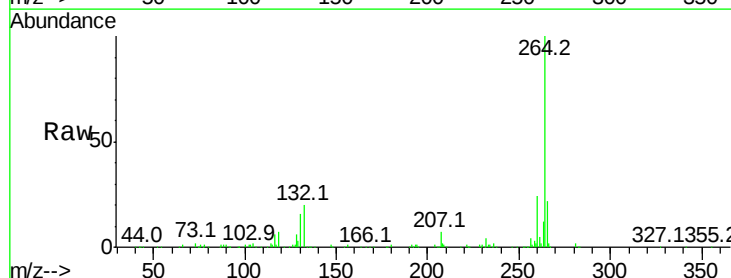
Tgt Ion:264 Resp: 351317

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 21.8 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

