

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
 Data File : BM003430.D
 Acq On : 10 Dec 2015 01:43
 Operator : UM/IZ
 Sample : PB87153BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87153BL

Quant Time: Dec 10 02:21:28 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	71121	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	296387	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	164668	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	346717	20.00	ng	0.00
75) Chrysene-d12	21.31	240	331021	20.00	ng	-0.01
86) Perylene-d12	23.57	264	314910	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	434046	108.50	ng	0.00
7) Phenol-d6	6.89	99	568495	102.34	ng	0.00
23) Nitrobenzene-d5	8.88	82	324951	67.98	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	165621	100.71	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	813175	67.28	ng	0.00
78) Terphenyl-d14	19.76	244	907246	64.63	ng	0.00

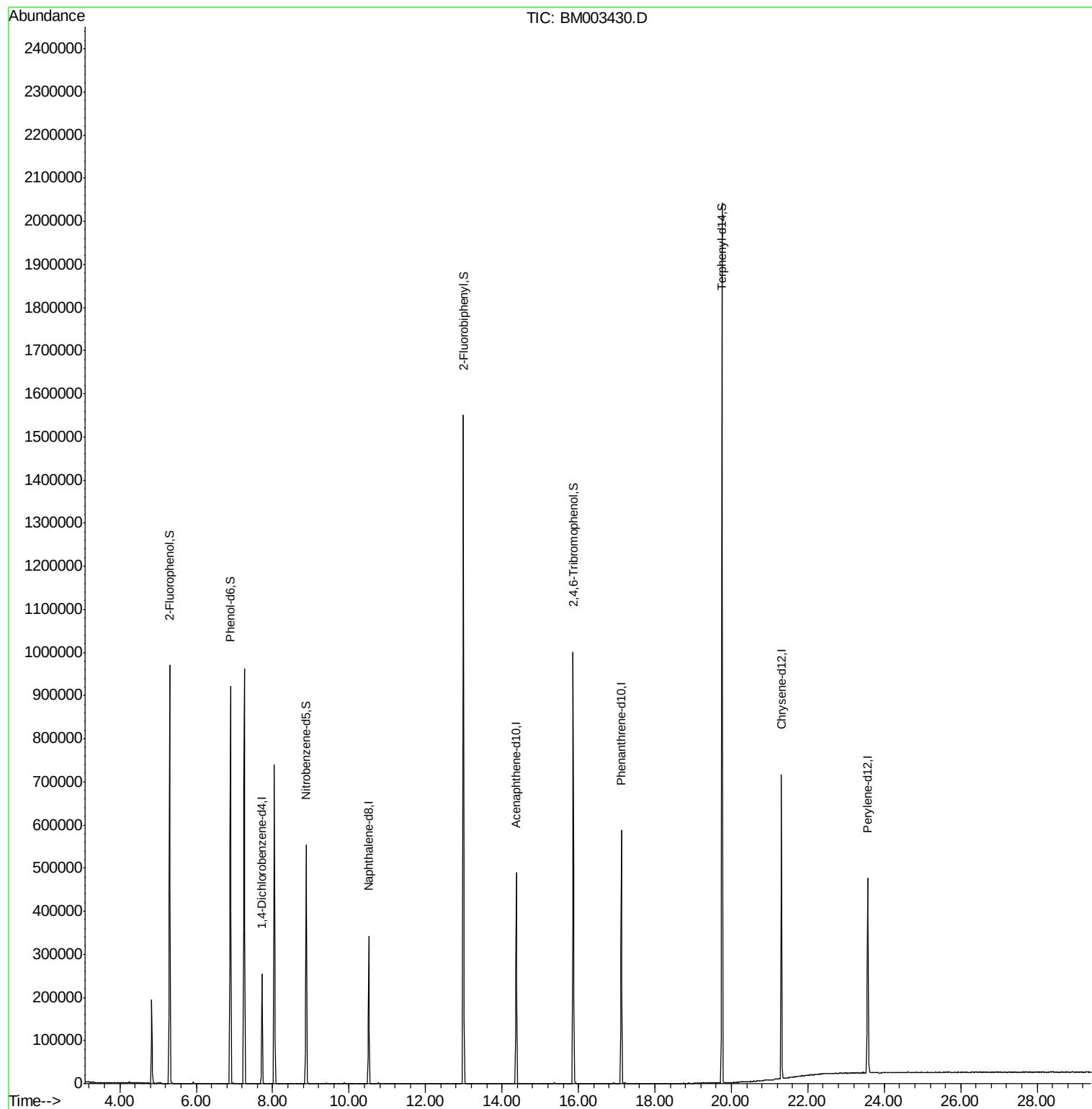
Target Compounds	Qvalue
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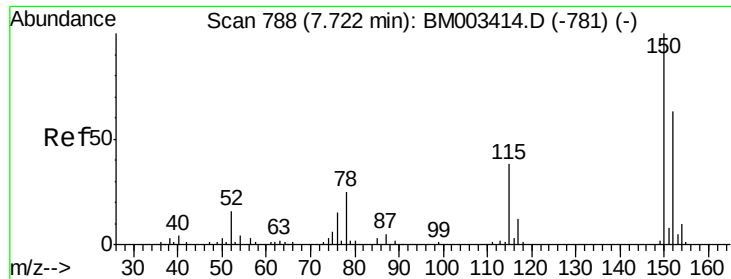
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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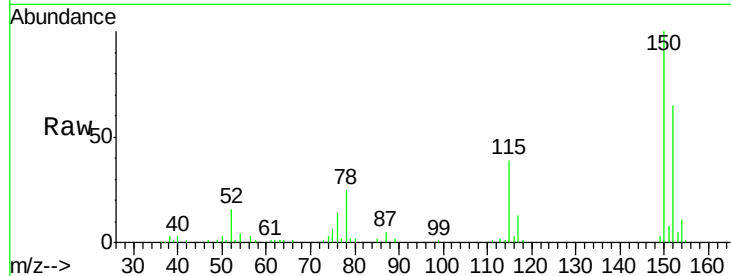




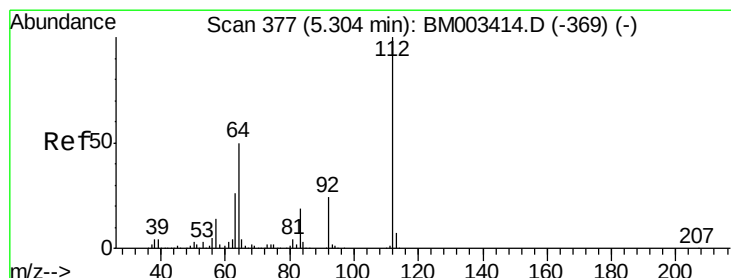
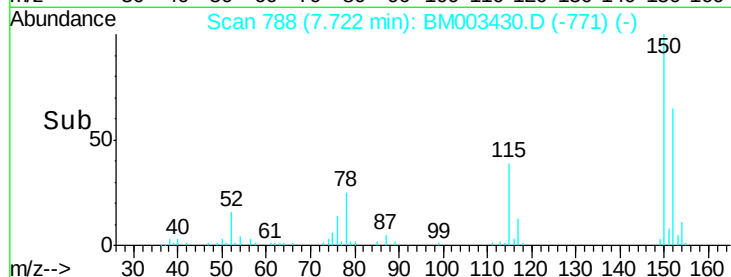
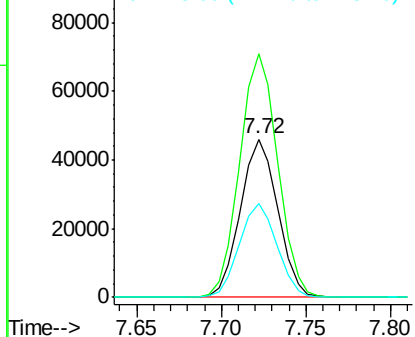
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BM003430.D
 Acq: 10 Dec 2015 01:43

Instrument :
 BNA_M
 ClientSampleId :
 PB87153BL

Tgt Ion:152 Resp: 71121
 Ion Ratio Lower Upper
 152 100
 150 154.2 119.5 179.3
 115 59.5 43.0 64.4

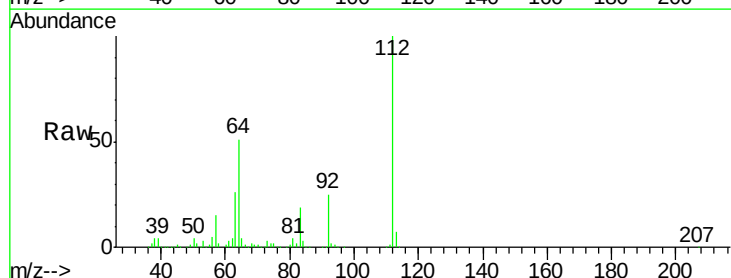


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

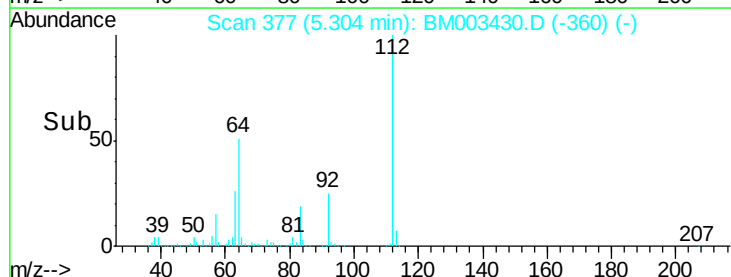
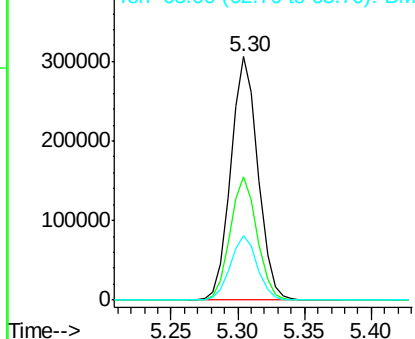


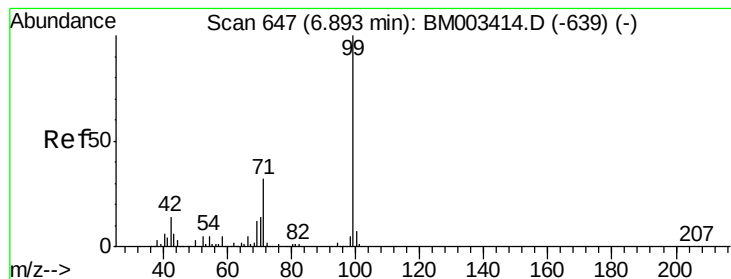
#5
 2-Fluorophenol
 Concen: 108.50 ng
 RT: 5.30 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: BM003430.D
 Acq: 10 Dec 2015 01:43

Tgt Ion:112 Resp: 434046
 Ion Ratio Lower Upper
 112 100
 64 50.6 38.6 57.8
 63 26.3 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: 102.34 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM003430.D

Acq: 10 Dec 2015 01:43

Instrument :

BNA_M

ClientSampleId :

PB87153BL

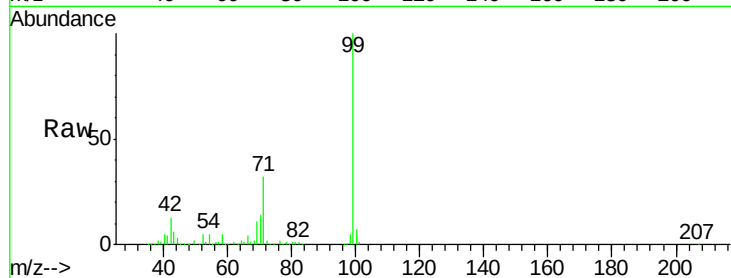
Tgt Ion: 99 Resp: 568495

Ion Ratio Lower Upper

99 100

42 13.3 11.0 16.4

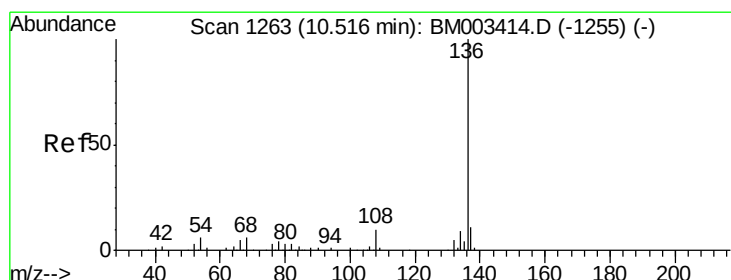
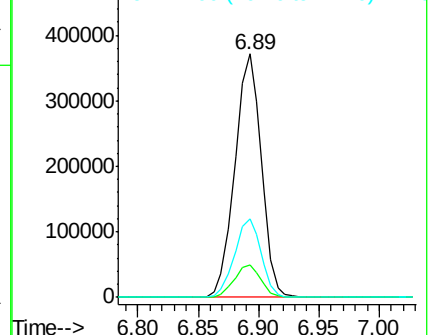
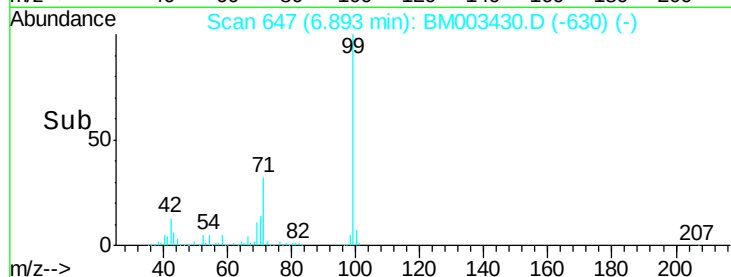
71 32.3 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003430.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM003430.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM003430.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM003430.D

Acq: 10 Dec 2015 01:43

Tgt Ion: 136 Resp: 296387

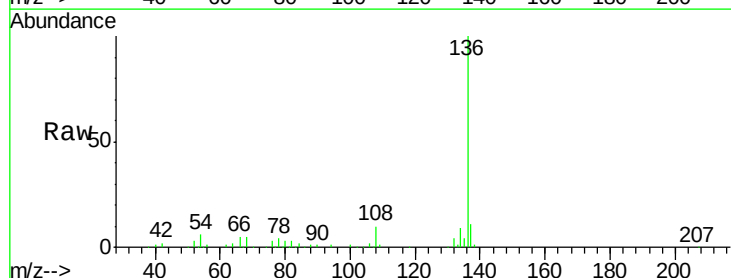
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.0 4.6 6.8

68 5.4 3.7 5.5

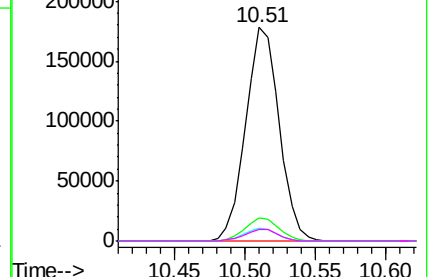
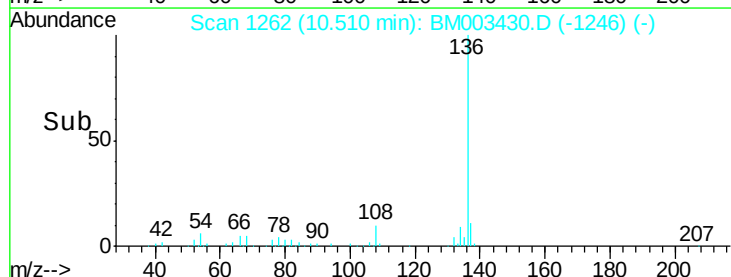


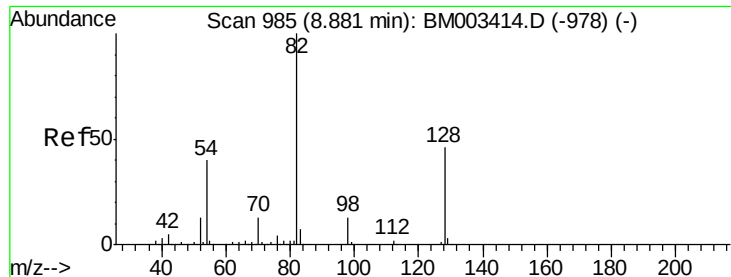
Abundance Ion 136.00 (135.70 to 136.70): BM003430.D (-1246) (-)

Ion 137.00 (136.70 to 137.70): BM003430.D (-1246) (-)

Ion 54.00 (53.70 to 54.70): BM003430.D (-1246) (-)

Ion 68.00 (67.70 to 68.70): BM003430.D (-1246) (-)

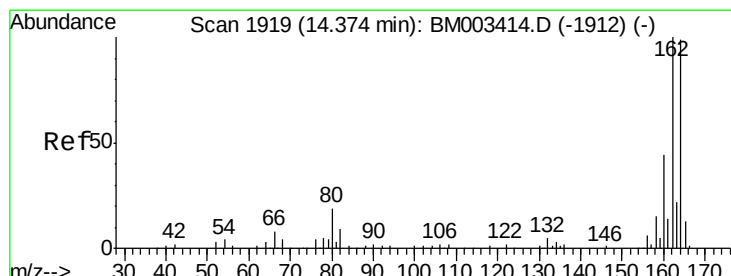
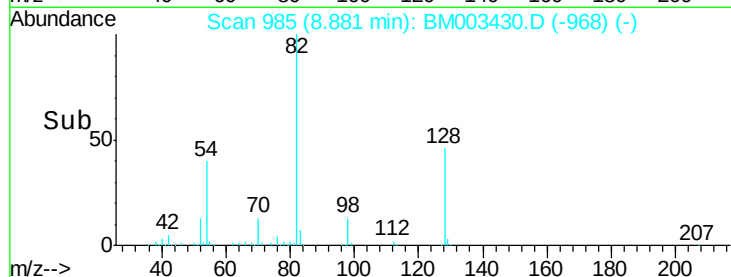
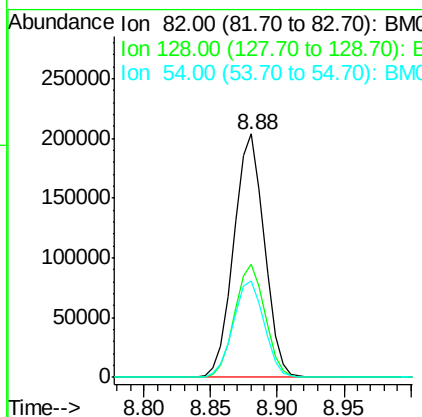
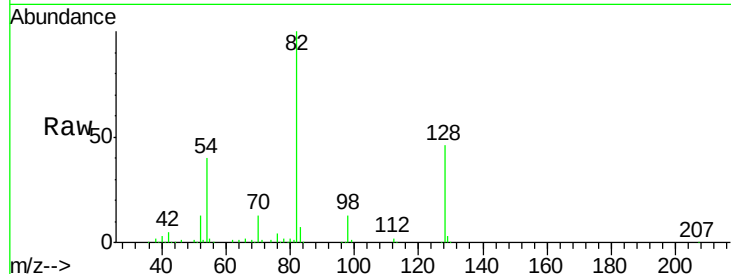




#23
 Nitrobenzene-d5
 Concen: 67.98 ng
 RT: 8.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BM003430.D
 Acq: 10 Dec 2015 01:43

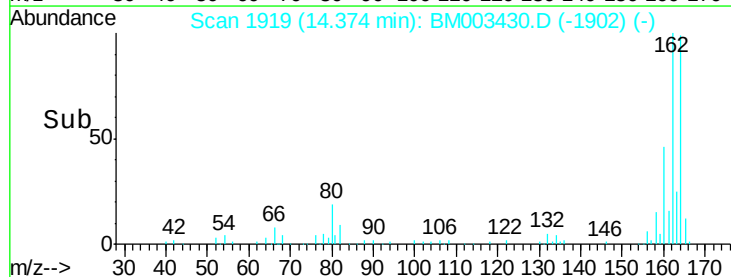
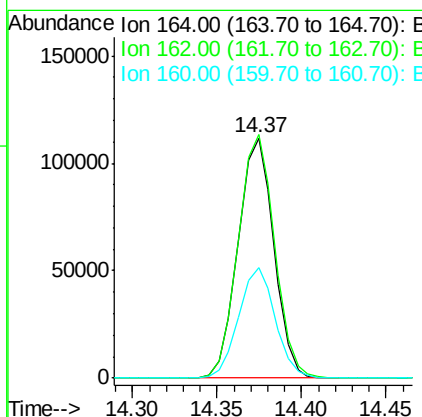
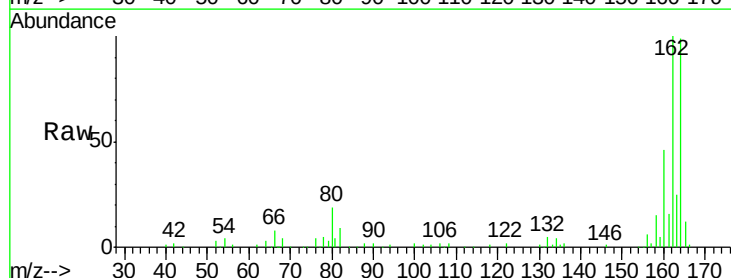
Instrument :
 BNA_M
 ClientSampleId :
 PB87153BL

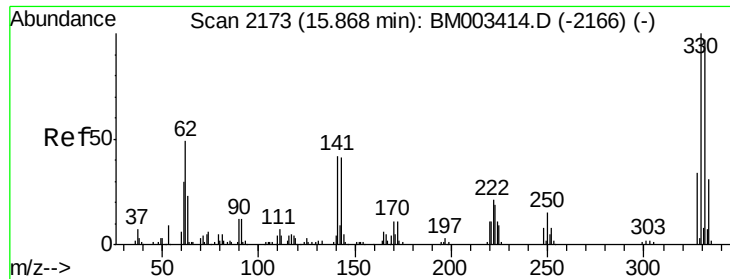
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.4	32.8	49.2
54	39.7	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.37 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BM003430.D
 Acq: 10 Dec 2015 01:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.4	123.6
160	46.2	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 100.71 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM003430.D

Acq: 10 Dec 2015 01:43

Instrument :

BNA_M

ClientSampleId :

PB87153BL

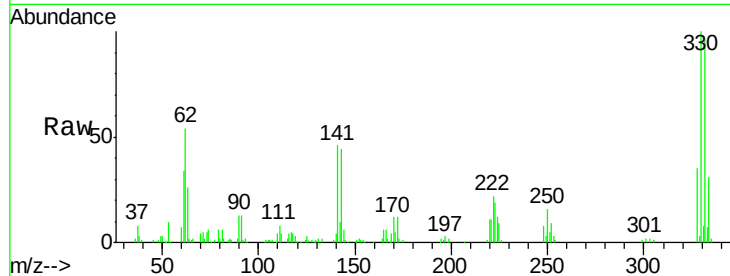
Tgt Ion:330 Resp: 165621

Ion Ratio Lower Upper

330 100

332 95.9 0.0 0.0#

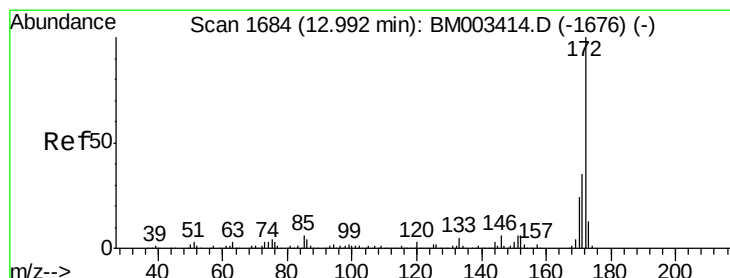
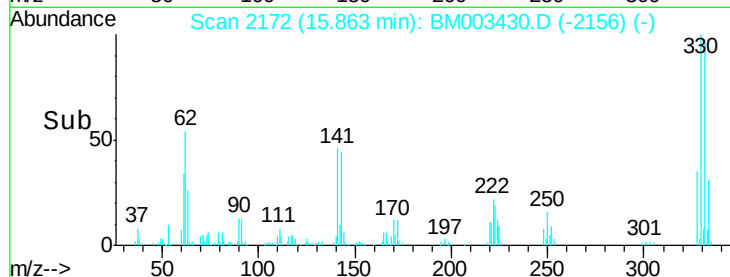
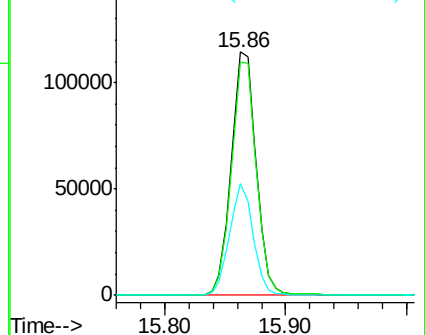
141 43.1 0.0 0.0#



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: 67.28 ng

RT: 12.99 min Scan# 1684

Delta R.T. 0.00 min

Lab File: BM003430.D

Acq: 10 Dec 2015 01:43

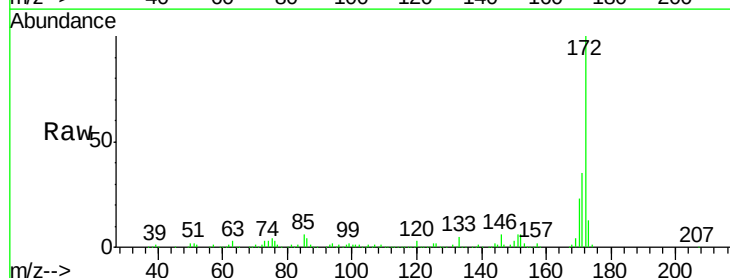
Tgt Ion:172 Resp: 813175

Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

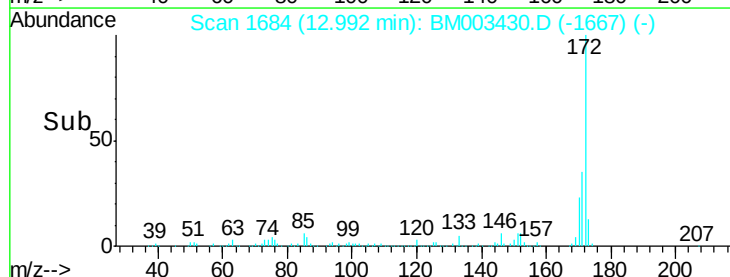
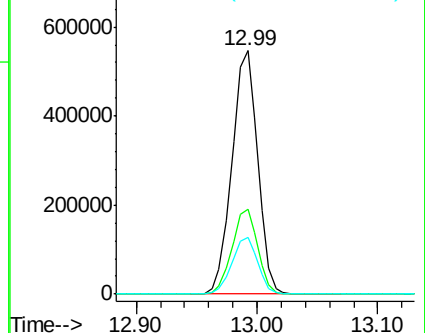
170 23.4 18.8 28.2

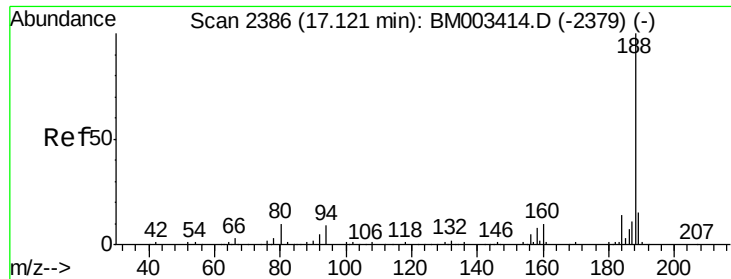


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

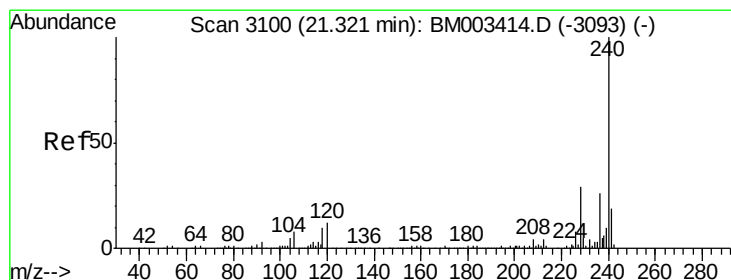
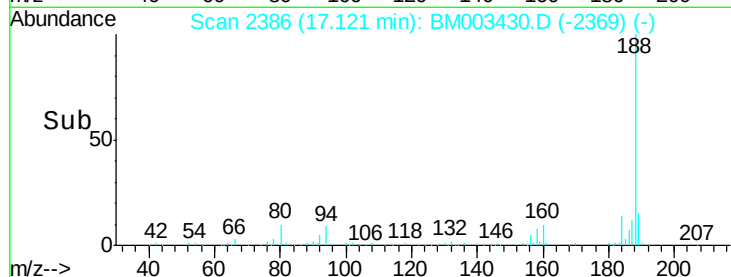
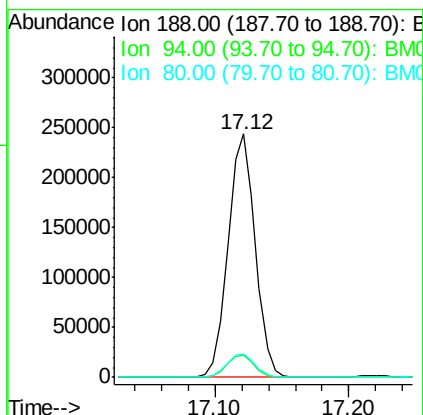
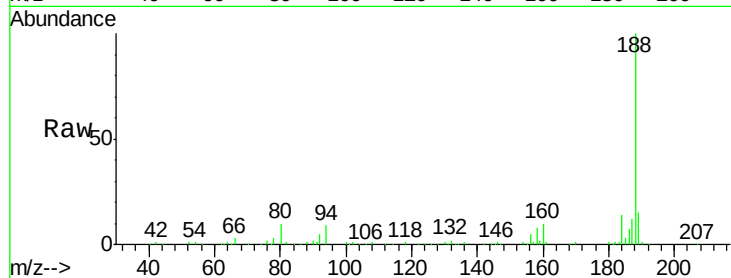




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM003430.D
Acq: 10 Dec 2015 01:43

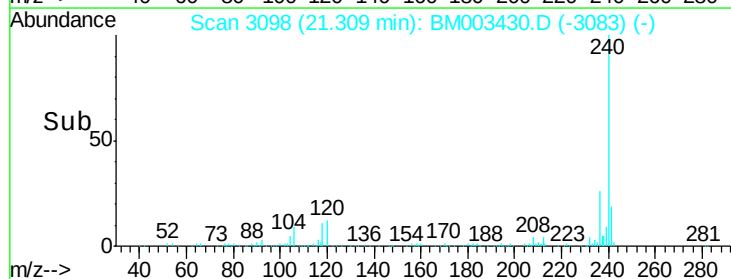
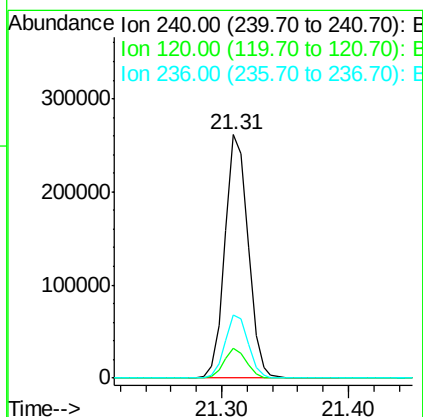
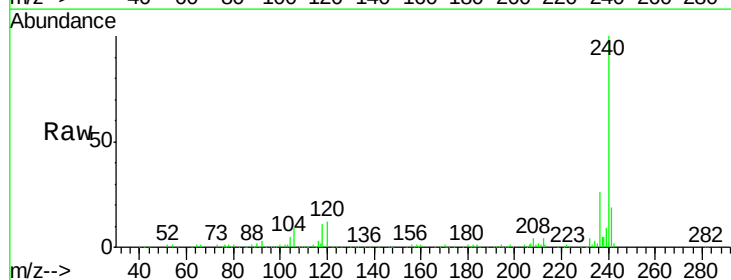
Instrument :
BNA_M
ClientSampleId :
PB87153BL

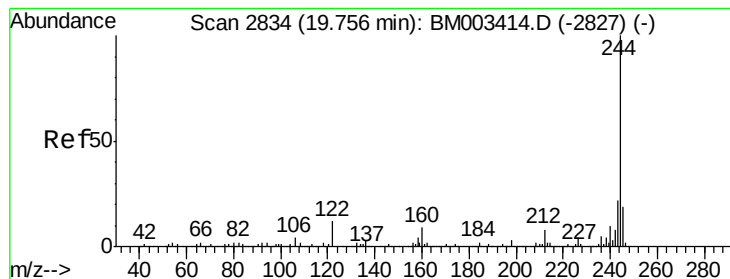
Tgt Ion:188 Resp: 346717
Ion Ratio Lower Upper
188 100
94 9.0 8.7 13.1
80 9.6 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM003430.D
Acq: 10 Dec 2015 01:43

Tgt Ion:240 Resp: 331021
Ion Ratio Lower Upper
240 100
120 12.4 8.2 12.2#
236 26.0 20.0 30.0





#78

Terphenyl-d14

Concen: 64.63 ng

RT: 19.76 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM003430.D

Acq: 10 Dec 2015 01:43

Instrument :

BNA_M

ClientSampleId :

PB87153BL

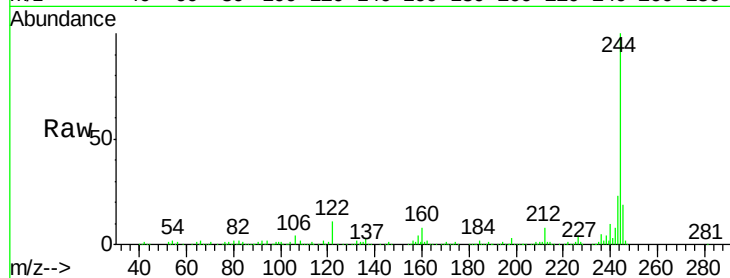
Tgt Ion:244 Resp: 907246

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

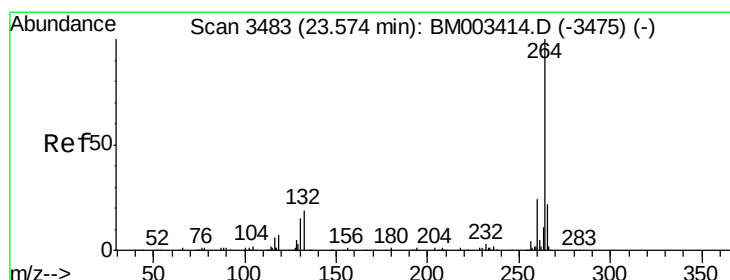
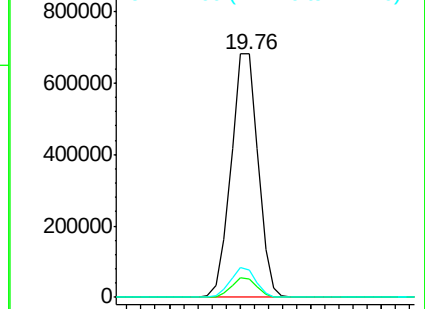
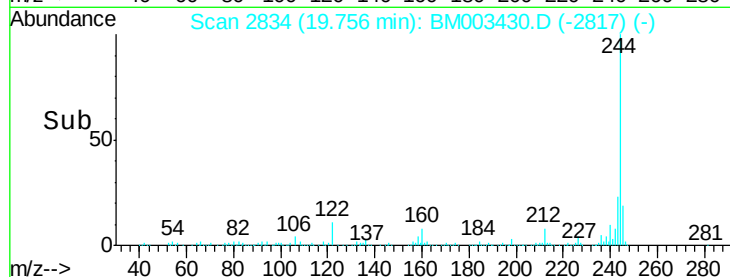
122 11.3 6.2 9.4#



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: 23.57 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM003430.D

Acq: 10 Dec 2015 01:43

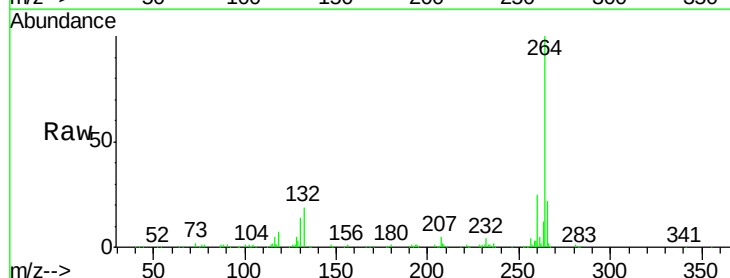
Tgt Ion:264 Resp: 314910

Ion Ratio Lower Upper

264 100

260 24.6 18.6 27.8

265 21.5 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

