

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
 Data File : BM003816.D
 Acq On : 25 Dec 2015 14:45
 Operator : UM/SJ
 Sample : G4956-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 22:59:20 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

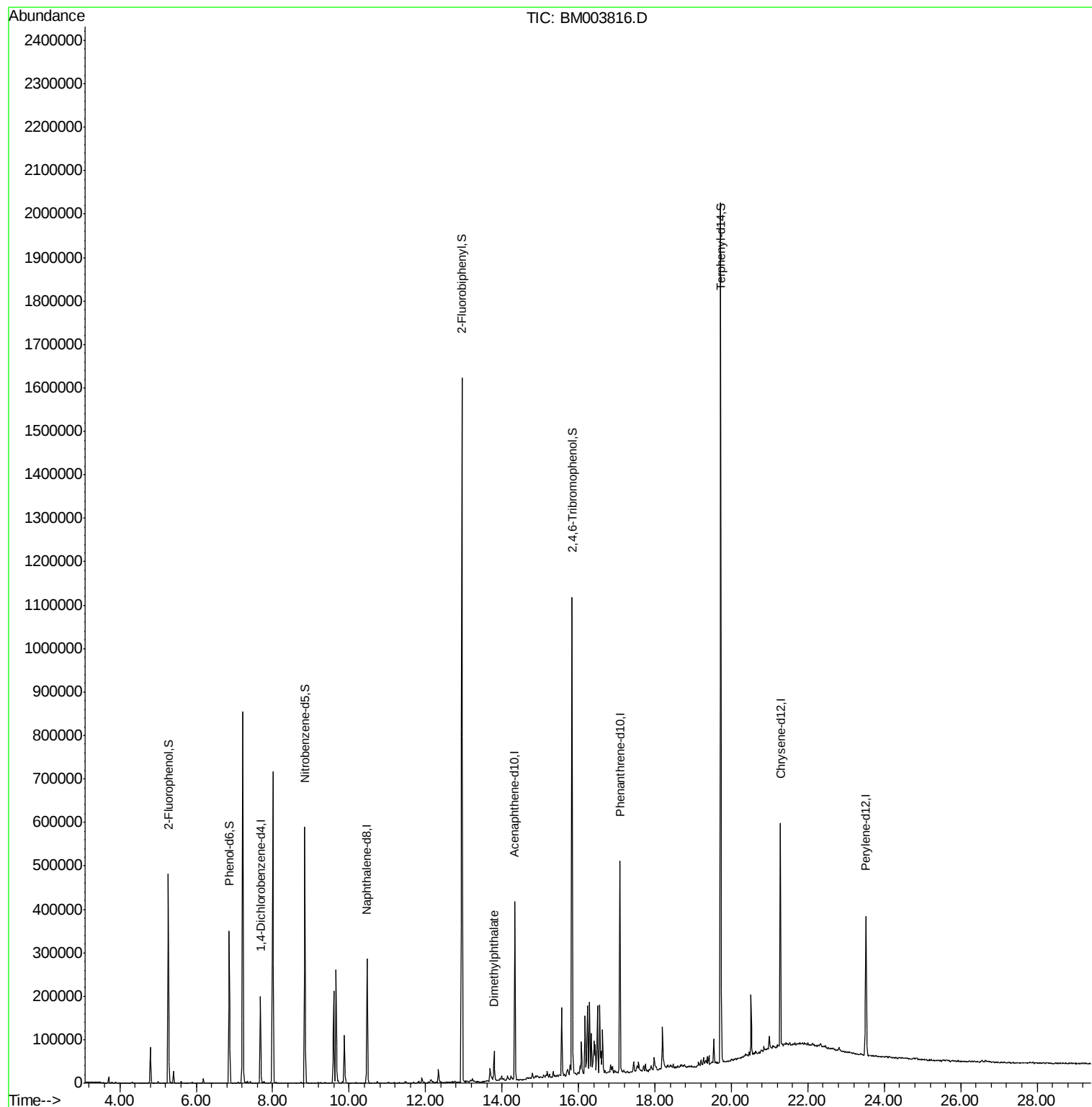
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	54150	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	239857	20.00	ng	-0.05
38) Acenaphthene-d10	14.33	164	135284	20.00	ng	-0.04
63) Phenanthrene-d10	17.09	188	282534	20.00	ng	-0.04
75) Chrysene-d12	21.29	240	240467	20.00	ng	-0.04
86) Perylene-d12	23.52	264	221709	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	222949	73.20	ng	-0.03
7) Phenol-d6	6.86	99	210185	49.70	ng	-0.03
23) Nitrobenzene-d5	8.84	82	358497	92.67	ng	-0.04
41) 2,4,6-Tribromophenol	15.83	330	188077	139.21	ng	-0.04
44) 2-Fluorobiphenyl	12.95	172	842148	84.81	ng	-0.04
78) Terphenyl-d14	19.72	244	846034	82.97	ng	-0.04
Target Compounds						Qvalue
49) Dimethylphthalate	13.79	163	43085	3.86	ng	100

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

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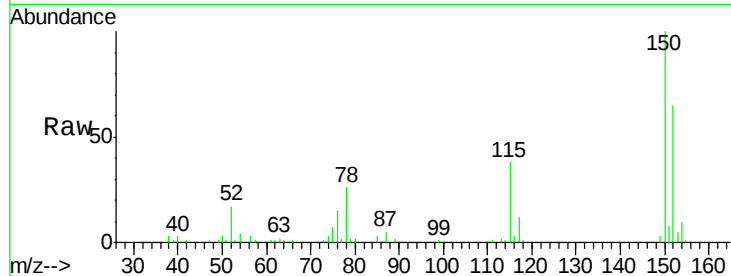


#1

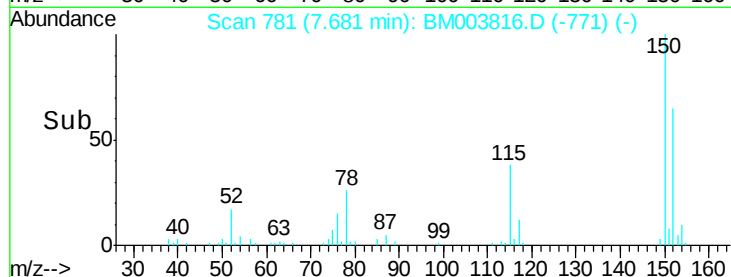
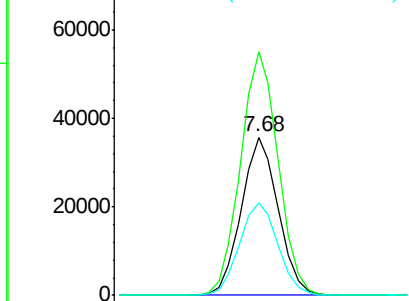
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM003816.D
Acq: 25 Dec 2015 14:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	119.5	179.3
115	58.8	43.0	64.4



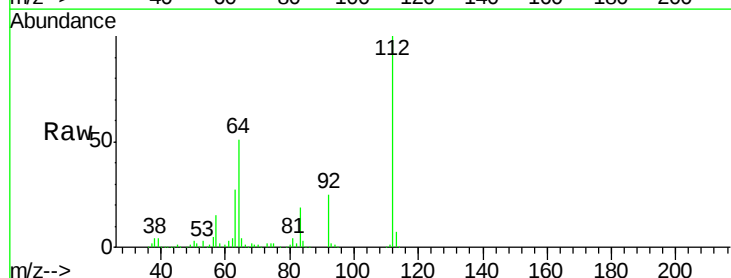
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



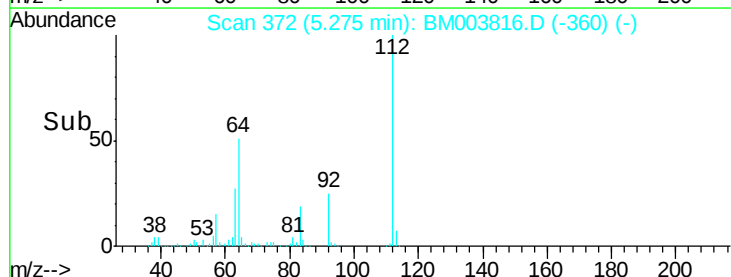
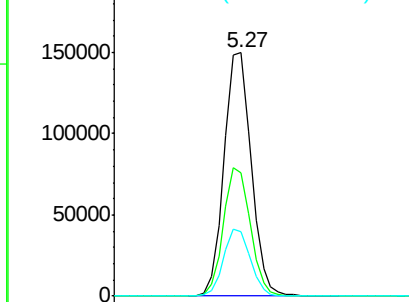
#5

2-Fluorophenol
Concen: 73.20 ng
RT: 5.27 min Scan# 372
Delta R.T. -0.03 min
Lab File: BM003816.D
Acq: 25 Dec 2015 14:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.9	38.6	57.8
63	26.6	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: 49.70 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.03 min

Lab File: BM003816.D

Acq: 25 Dec 2015 14:45

Instrument :

BNA_M

ClientSampleId :

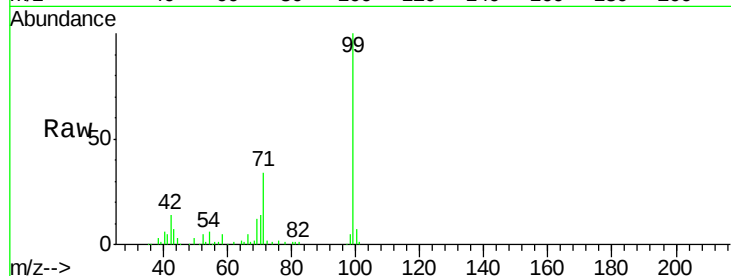
Tot Ion: 99 Resp: 210185

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.4

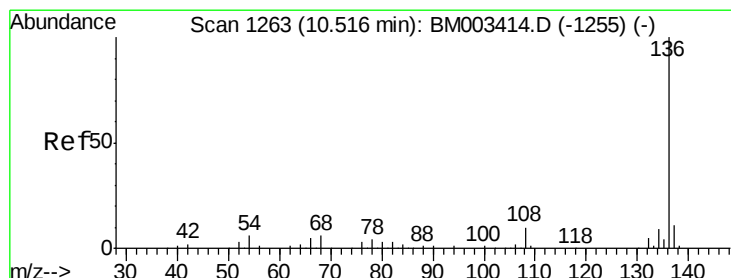
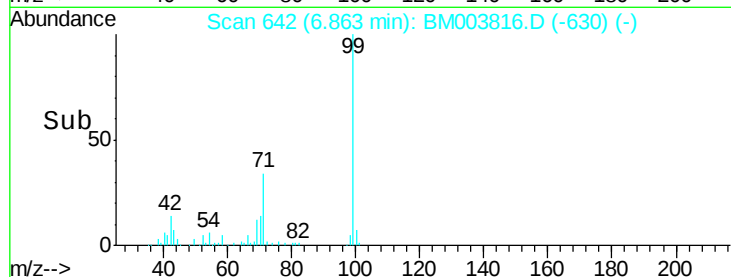
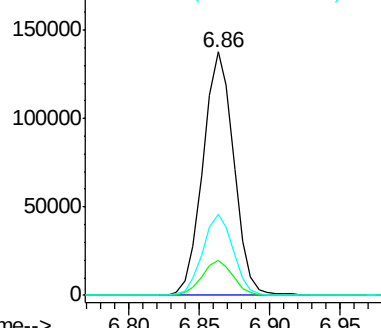
71 33.5 23.4 35.2



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) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1255

Delta R.T. -0.05 min

Lab File: BM003816.D

Acq: 25 Dec 2015 14:45

Tgt Ion: 136 Resp: 239857

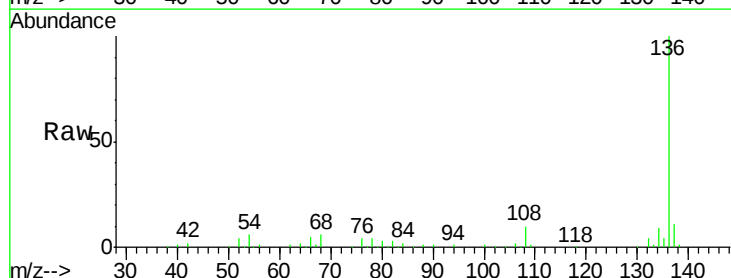
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.2 4.6 6.8

68 5.8 3.7 5.5#

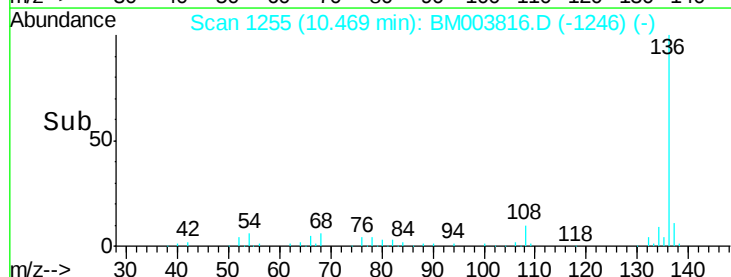
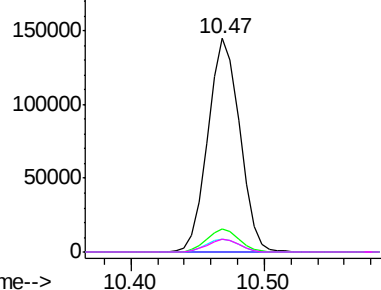


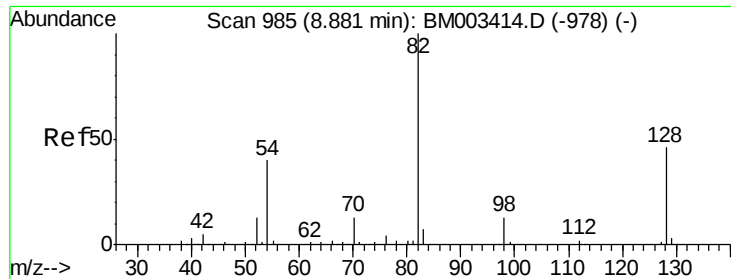
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

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) (-)

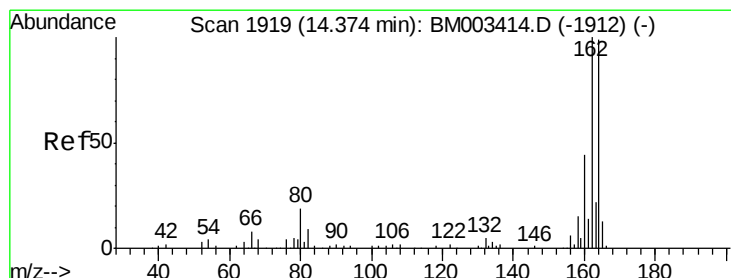
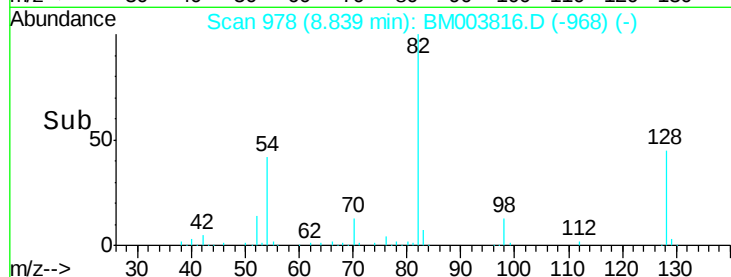
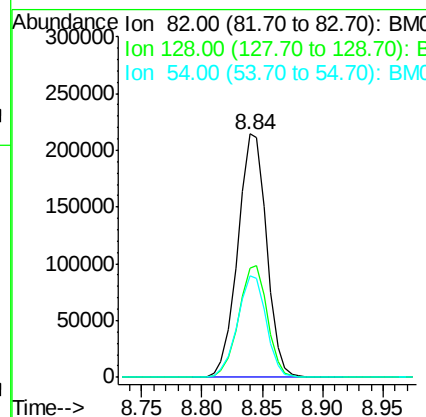
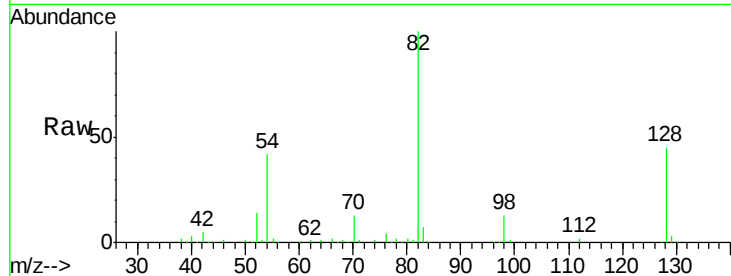




#23
Nitrobenzene-d5
Concen: 92.67 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.04 min
Lab File: BM003816.D
Acq: 25 Dec 2015 14:45

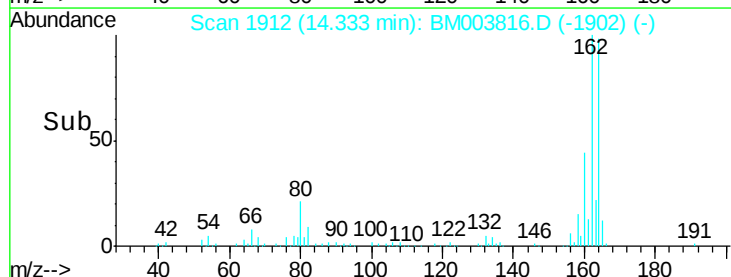
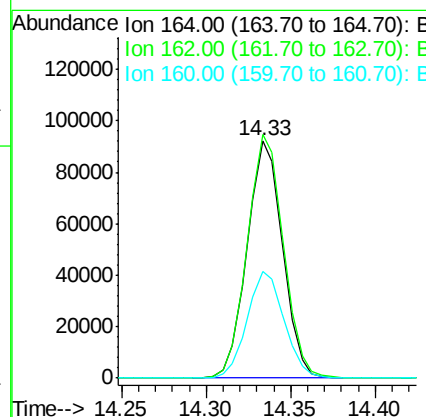
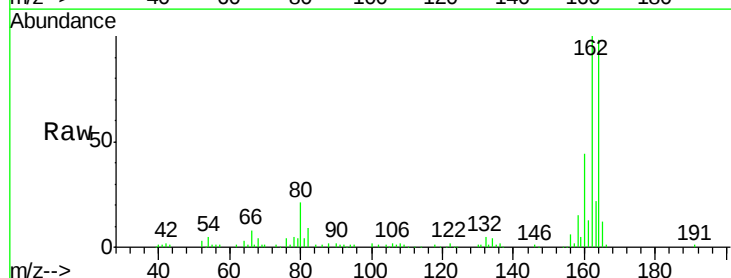
Instrument :
BNA_M
ClientSampleId :

Tot Ion	82	Resp	358497
Ion Ratio	100	Lower	Upper
128	45.1	32.8	49.2
54	41.5	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.04 min
Lab File: BM003816.D
Acq: 25 Dec 2015 14:45

Tgt Ion	164	Resp	135284
Ion Ratio	100	Lower	Upper
162	102.4	82.4	123.6
160	44.8	35.8	53.6

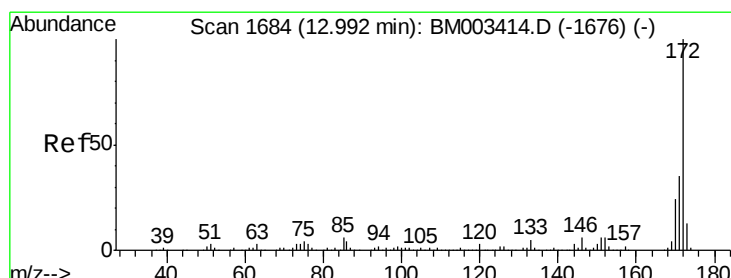
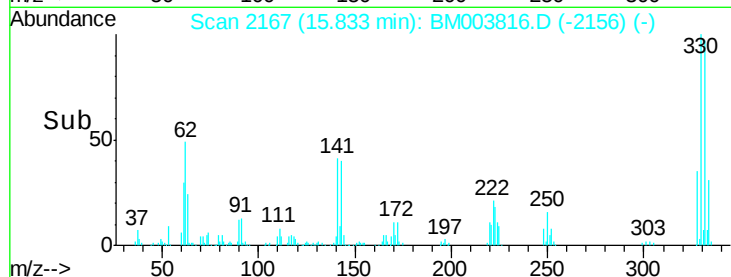
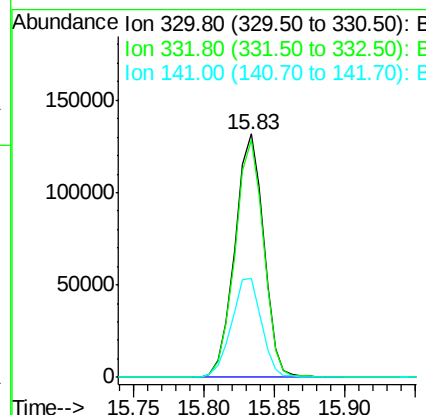
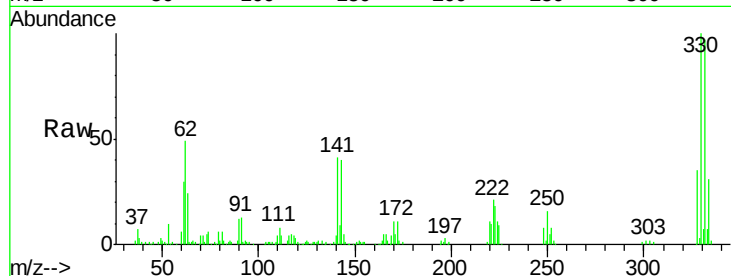




#41
 2,4,6-Tribromophenol
 Concen: 139.21 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.04 min
 Lab File: BM003816.D
 Acq: 25 Dec 2015 14:45

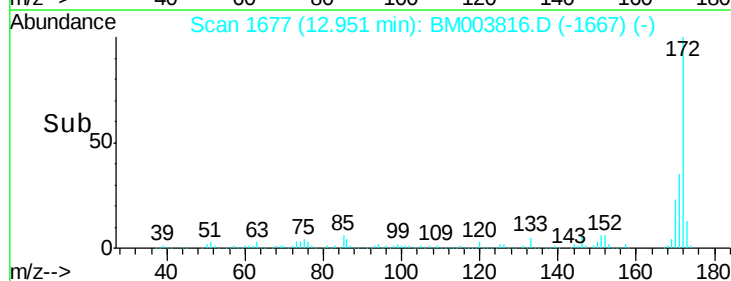
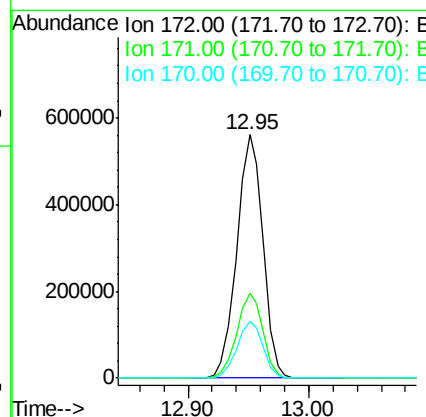
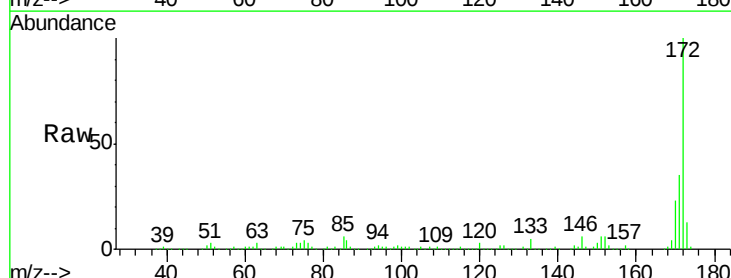
Instrument :
 BNA_M
 ClientSampleId :

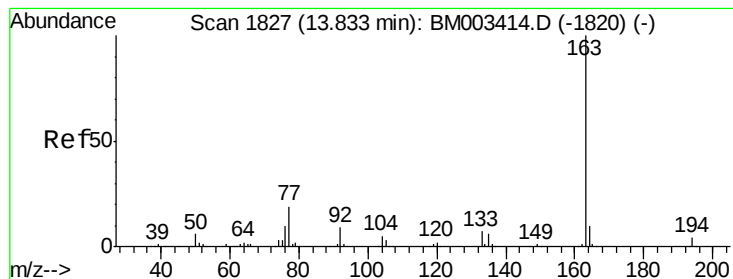
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	42.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 84.81 ng
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.04 min
 Lab File: BM003816.D
 Acq: 25 Dec 2015 14:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.5	18.8	28.2





#49

Dimethylphthalate

Concen: 3.86 ng

RT: 13.79 min Scan# 1820

Delta R.T. -0.04 min

Lab File: BM003816.D

Acq: 25 Dec 2015 14:45

Instrument :

BNA_M

ClientSampleId :

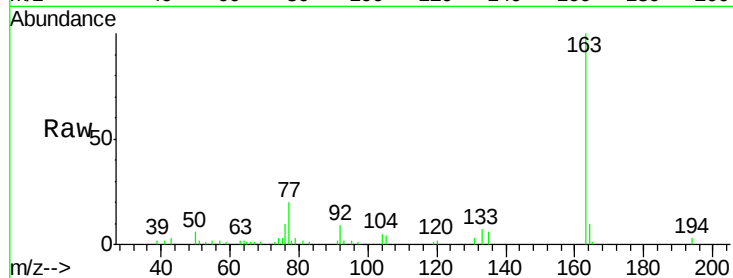
Tot Ion:163 Resp: 43085

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

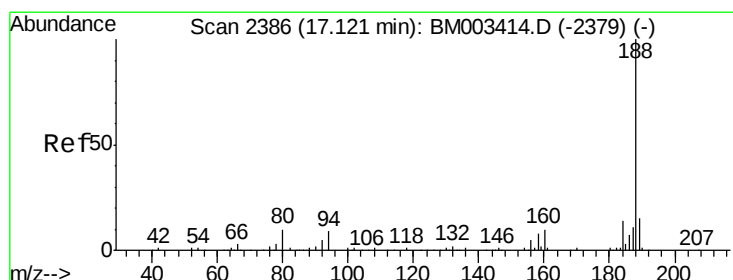
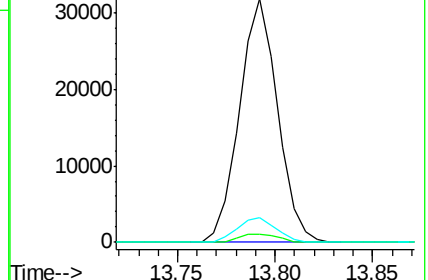
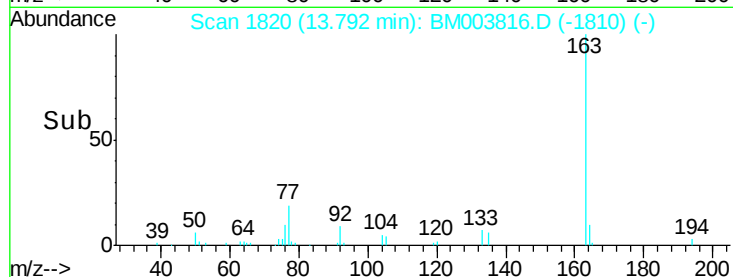
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.09 min Scan# 2380

Delta R.T. -0.04 min

Lab File: BM003816.D

Acq: 25 Dec 2015 14:45

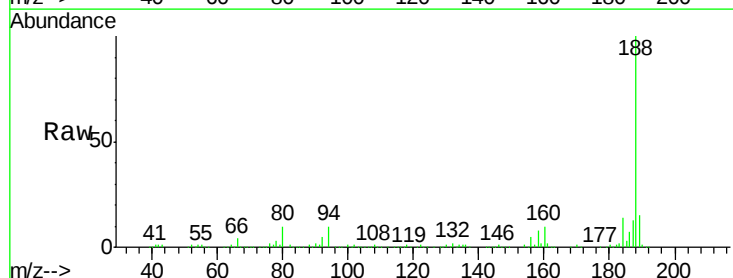
Tgt Ion:188 Resp: 282534

Ion Ratio Lower Upper

188 100

94 9.6 8.7 13.1

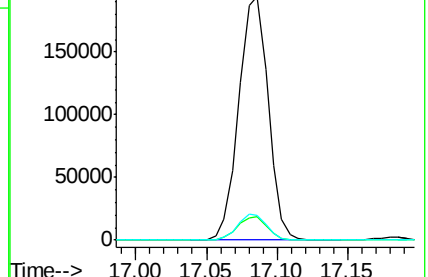
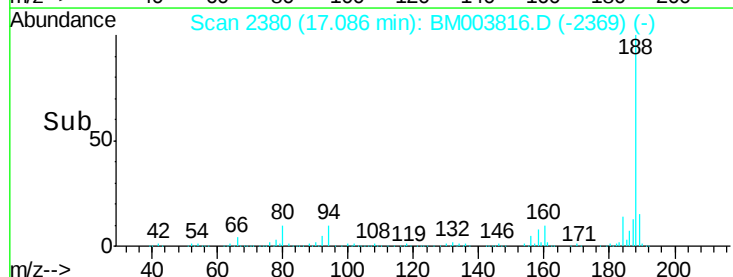
80 10.0 9.3 13.9

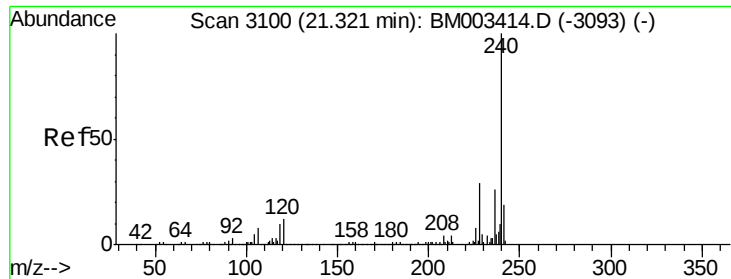


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.29 min Scan# 3094

Delta R.T. -0.04 min

Lab File: BM003816.D

Acq: 25 Dec 2015 14:45

Instrument :

BNA_M

ClientSampleId :

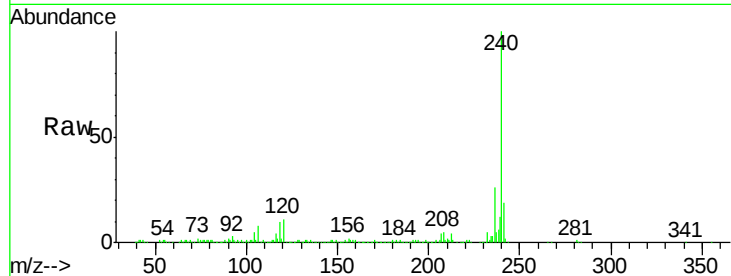
Tot Ion:240 Resp: 240467

Ion Ratio Lower Upper

240 100

120 11.3 8.2 12.2

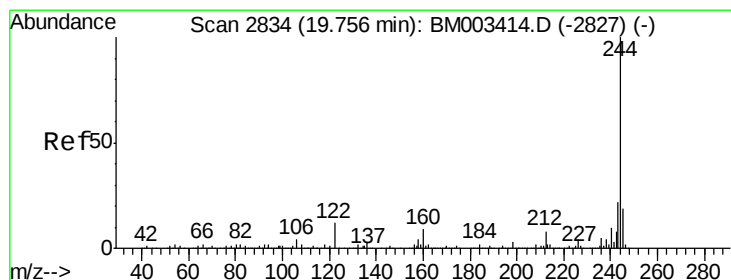
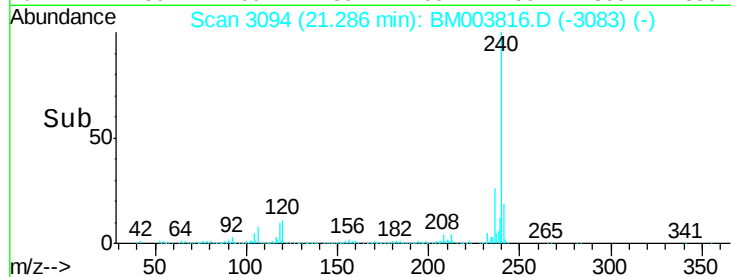
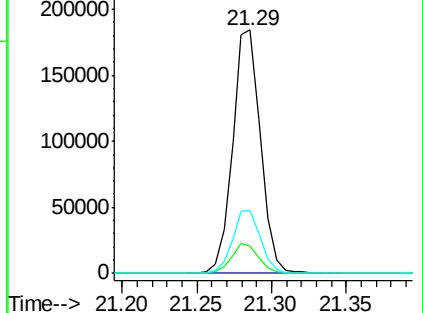
236 26.1 20.0 30.0



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: 82.97 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.04 min

Lab File: BM003816.D

Acq: 25 Dec 2015 14:45

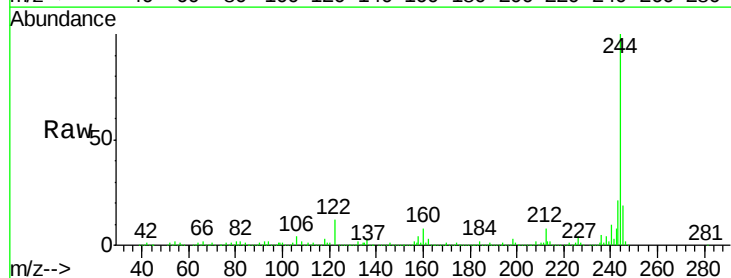
Tgt Ion:244 Resp: 846034

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

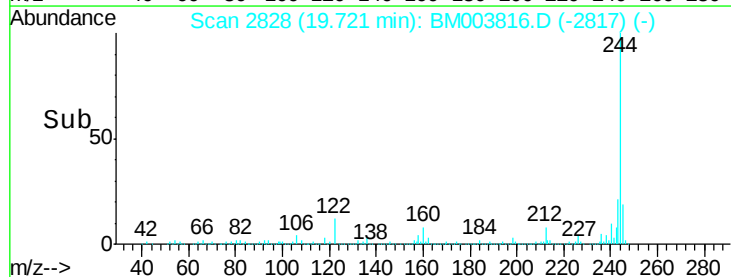
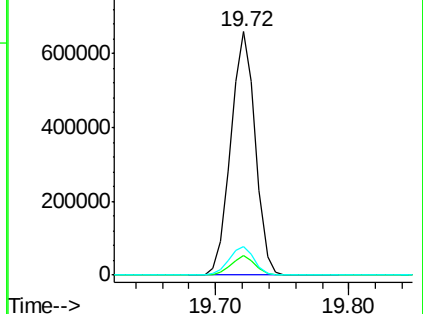
122 11.8 6.2 9.4#

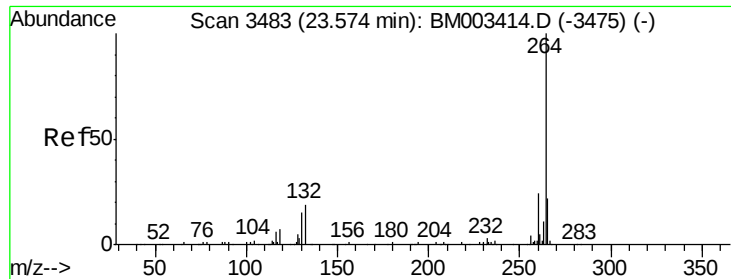


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.52 min Scan# 3474
Delta R.T. -0.05 min
Lab File: BM003816.D
Acq: 25 Dec 2015 14:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.6	17.3	25.9

