

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
 Data File : BM003803.D
 Acq On : 25 Dec 2015 06:53
 Operator : UM/SJ
 Sample : G4952-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 22:55:46 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

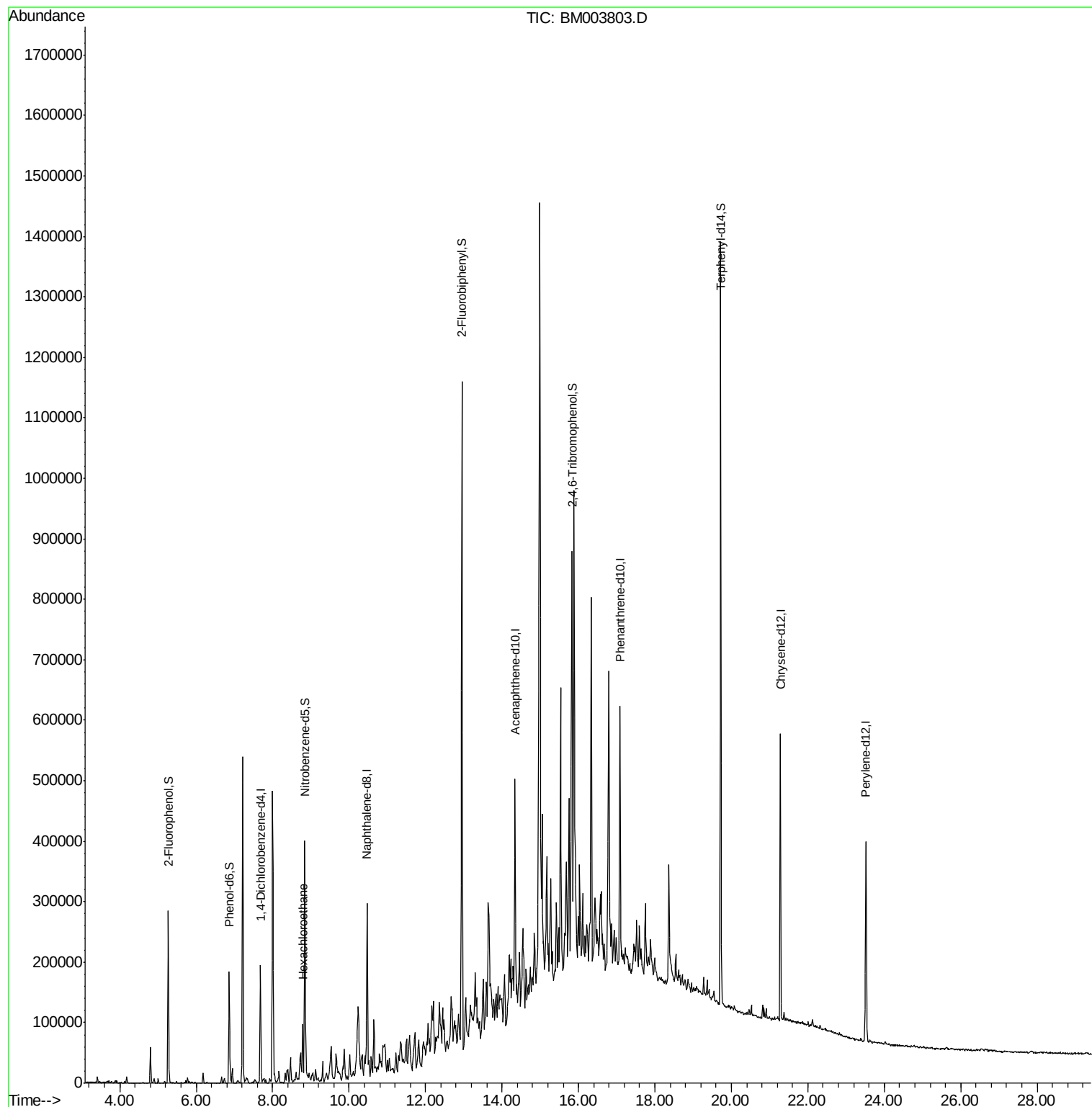
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	52620	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	226055	20.00	ng	-0.05
38) Acenaphthene-d10	14.34	164	132033	20.00	ng	-0.04
63) Phenanthrene-d10	17.09	188	222196	20.00	ng	-0.04
75) Chrysene-d12	21.29	240	227662	20.00	ng	-0.04
86) Perylene-d12	23.52	264	224551	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	128609	43.45	ng	-0.03
7) Phenol-d6	6.86	99	111518	27.13	ng	-0.03
23) Nitrobenzene-d5	8.84	82	239048	65.57	ng	-0.04
41) 2,4,6-Tribromophenol	15.83	330	110785	84.02	ng	-0.04
44) 2-Fluorobiphenyl	12.95	172	552227	56.98	ng	-0.04
78) Terphenyl-d14	19.72	244	512767	53.12	ng	-0.04
Target Compounds						
18) Hexachloroethane	8.78	117	10421	7.14	ng	Qvalue # 1

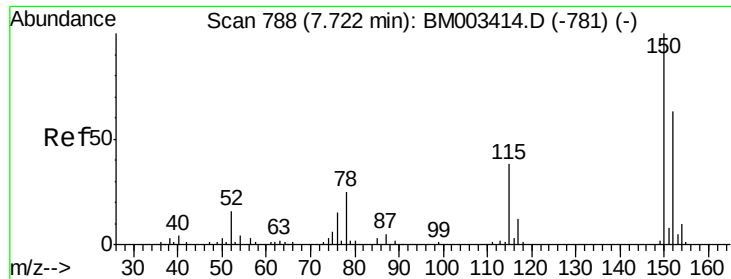
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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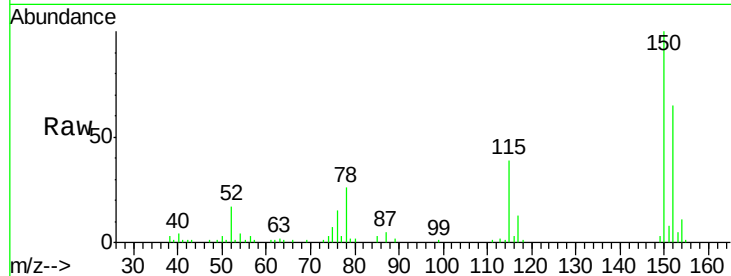




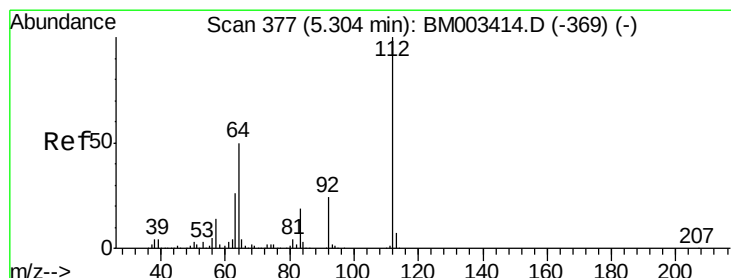
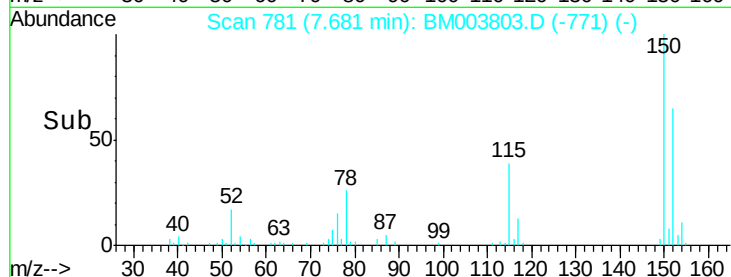
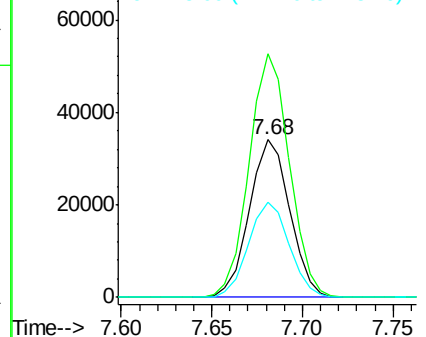
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.68 min Scan# 781
 Delta R.T. -0.04 min
 Lab File: BM003803.D
 Acq: 25 Dec 2015 06:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:152 Resp: 52620
 Ion Ratio Lower Upper
 152 100
 150 154.7 119.5 179.3
 115 60.3 43.0 64.4

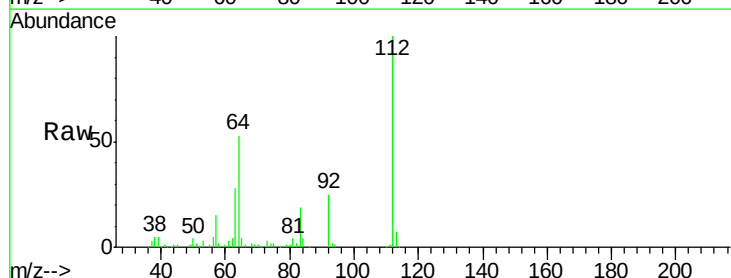


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

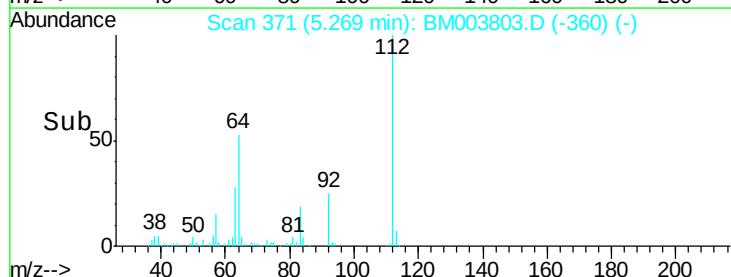
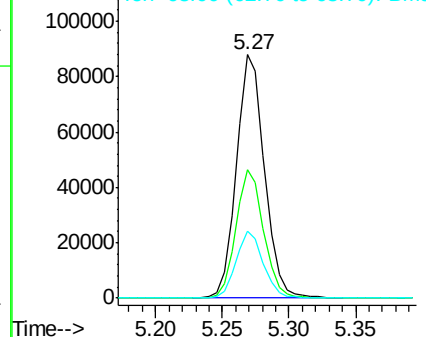


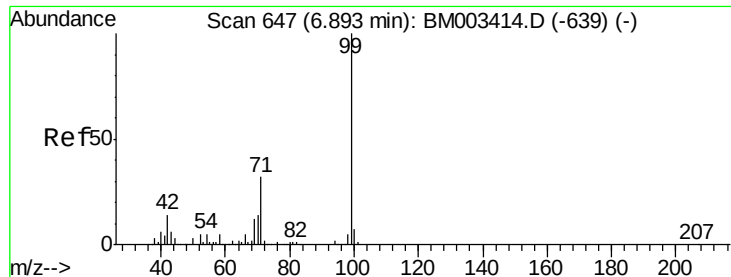
#5
 2-Fluorophenol
 Concen: 43.45 ng
 RT: 5.27 min Scan# 371
 Delta R.T. -0.03 min
 Lab File: BM003803.D
 Acq: 25 Dec 2015 06:53

Tgt Ion:112 Resp: 128609
 Ion Ratio Lower Upper
 112 100
 64 52.6 38.6 57.8
 63 27.5 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: 27.13 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.03 min

Lab File: BM003803.D

Acq: 25 Dec 2015 06:53

Instrument :

BNA_M

ClientSampled :

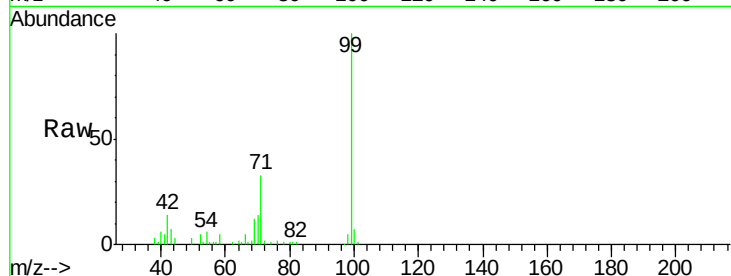
Tot Ion: 99 Resp: 111518

Ion Ratio Lower Upper

99 100

42 14.5 11.0 16.4

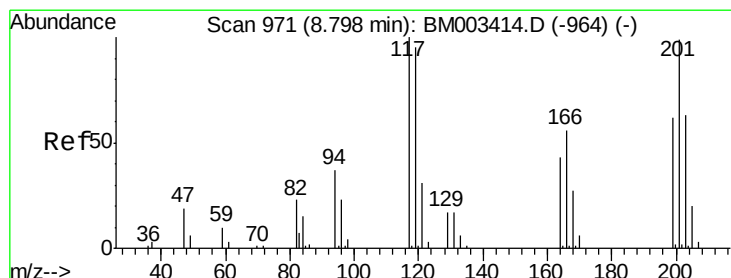
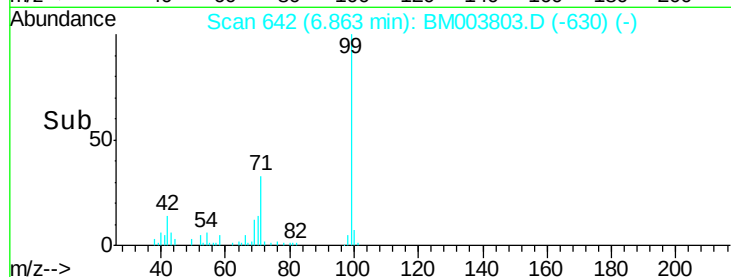
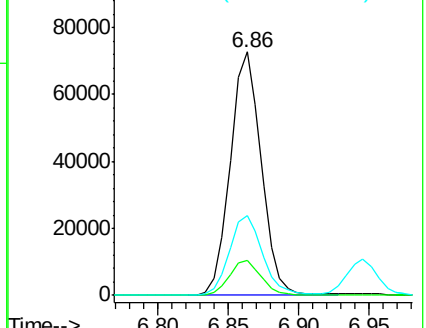
71 32.8 23.4 35.2



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) (-)



#18

Hexachloroethane

Concen: 7.14 ng

RT: 8.78 min Scan# 968

Delta R.T. -0.02 min

Lab File: BM003803.D

Acq: 25 Dec 2015 06:53

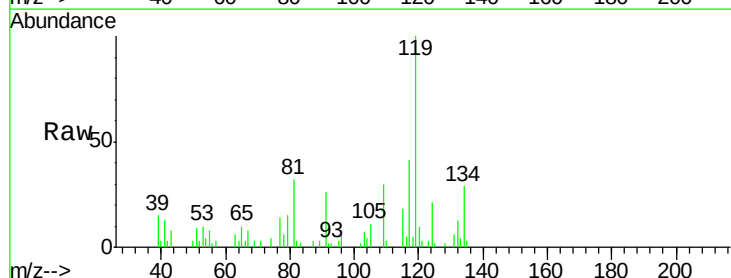
Tgt Ion: 117 Resp: 10421

Ion Ratio Lower Upper

117 100

119 241.3 79.2 118.8#

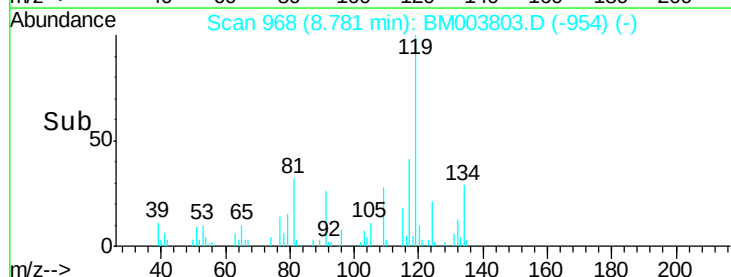
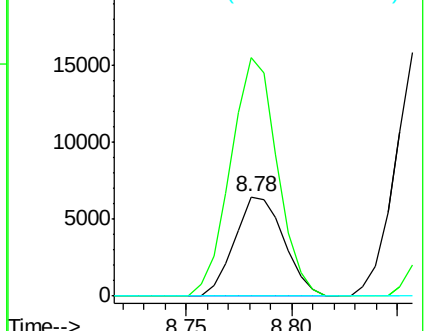
201 0.0 69.8 104.6#

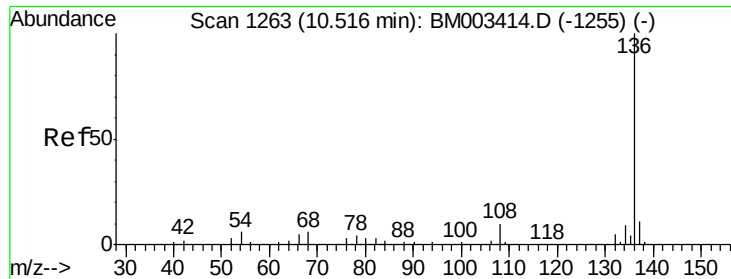


Abundance Ion 117.00 (116.70 to 117.70): BM003414.D (-964) (-)

Ion 119.00 (118.70 to 119.70): BM003414.D (-964) (-)

Ion 201.00 (200.70 to 201.70): BM003414.D (-964) (-)

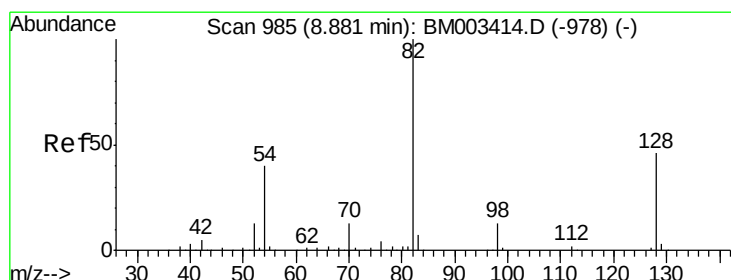
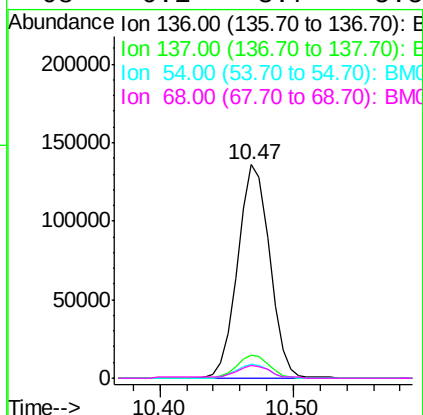
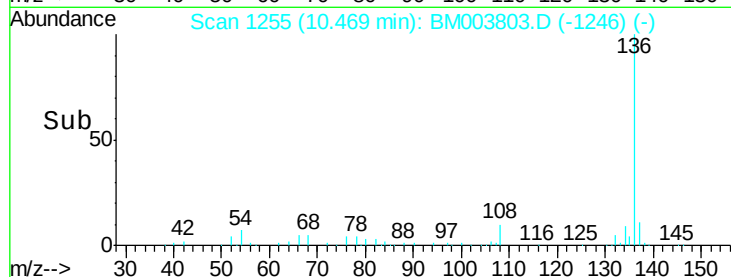
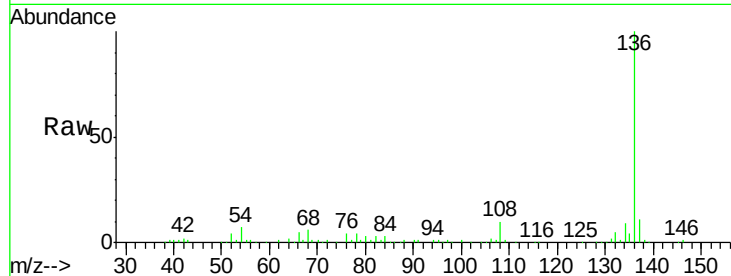




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.05 min
Lab File: BM003803.D
Acq: 25 Dec 2015 06:53

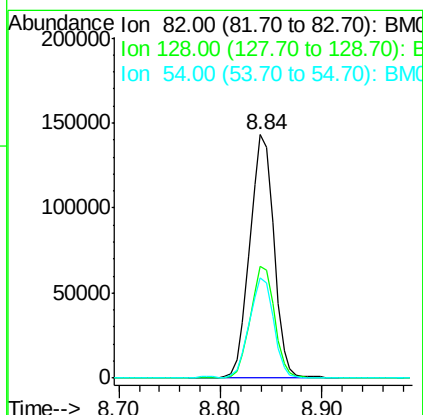
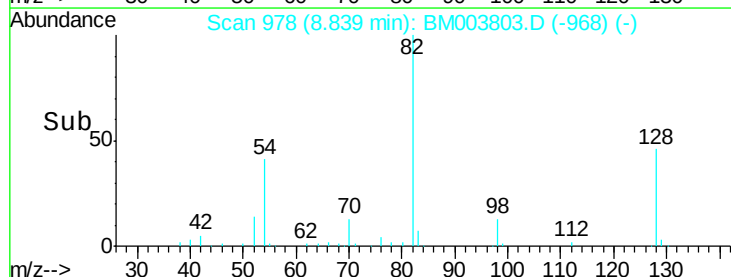
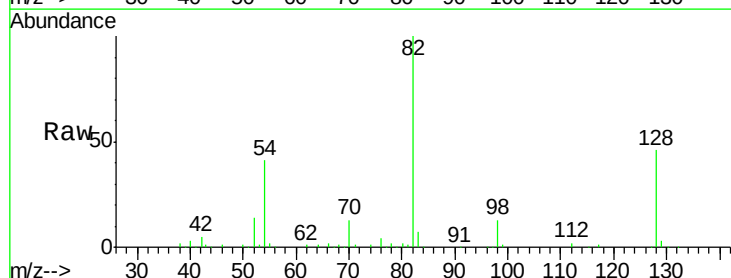
Instrument :
BNA_M
ClientSampleId :

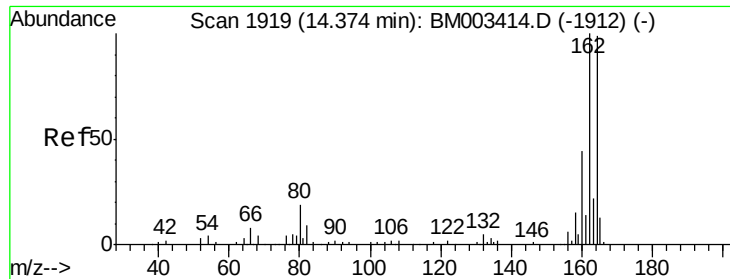
Tot Ion:	136	Resp:	226055
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.6	4.6	6.8
68	6.1	3.7	5.5



#23
Nitrobenzene-d5
Concen: 65.57 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.04 min
Lab File: BM003803.D
Acq: 25 Dec 2015 06:53

Tgt Ion:	82	Resp:	239048
Ion	Ratio	Lower	Upper
82	100		
128	45.8	32.8	49.2
54	41.2	40.6	60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.34 min Scan# 1913

Delta R.T. -0.04 min

Lab File: BM003803.D

Acq: 25 Dec 2015 06:53

Instrument :

BNA_M

ClientSampleId :

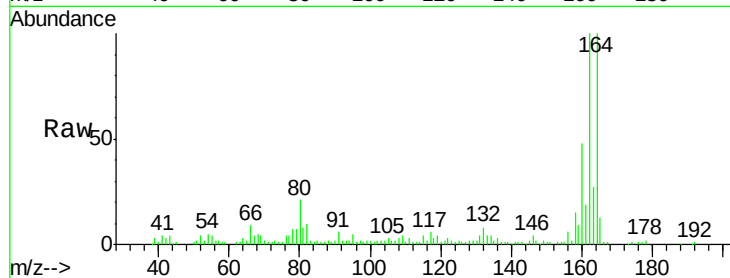
Tot Ion:164 Resp: 132033

Ion Ratio Lower Upper

164 100

162 99.7 82.4 123.6

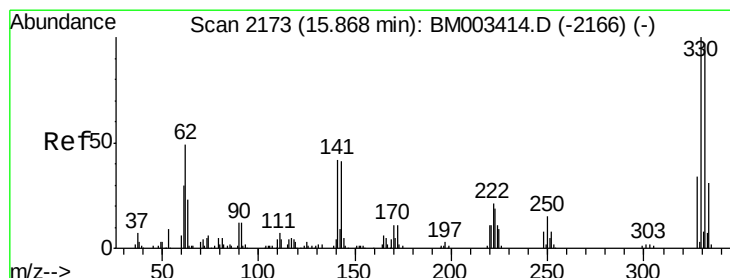
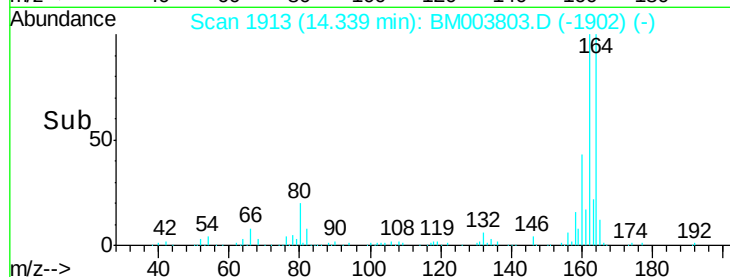
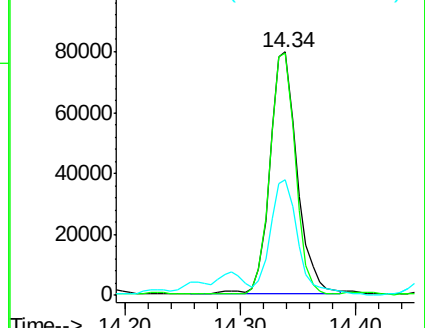
160 47.6 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 84.02 ng

RT: 15.83 min Scan# 2167

Delta R.T. -0.04 min

Lab File: BM003803.D

Acq: 25 Dec 2015 06:53

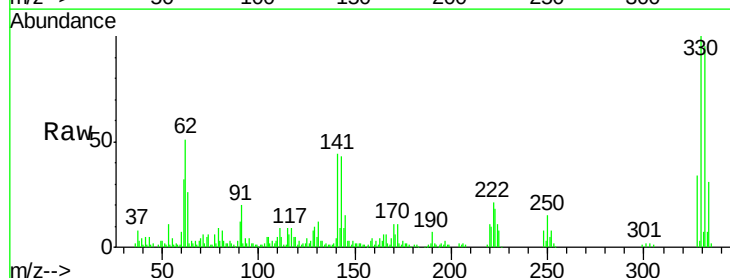
Tgt Ion:330 Resp: 110785

Ion Ratio Lower Upper

330 100

332 96.1 0.0 0.0#

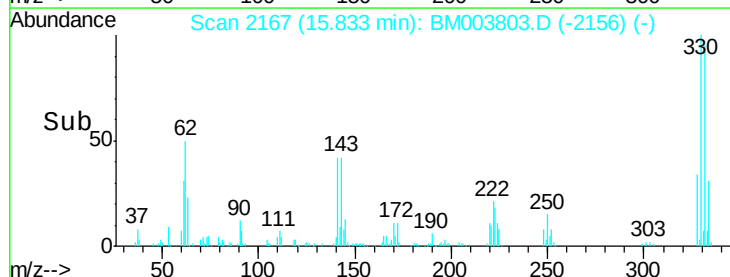
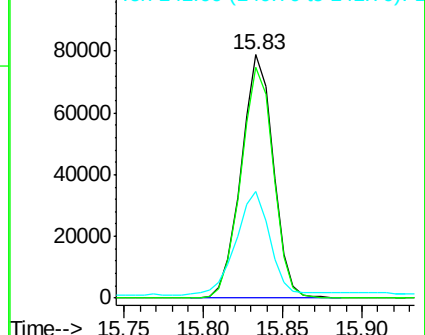
141 44.6 0.0 0.0#

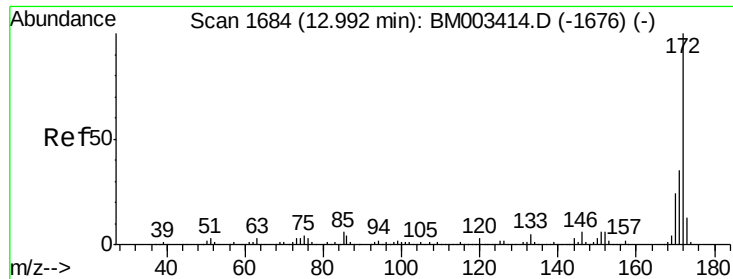


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

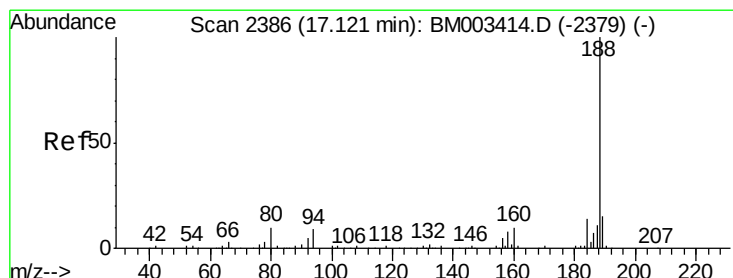
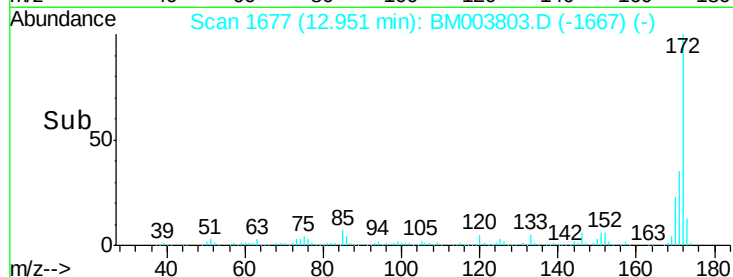
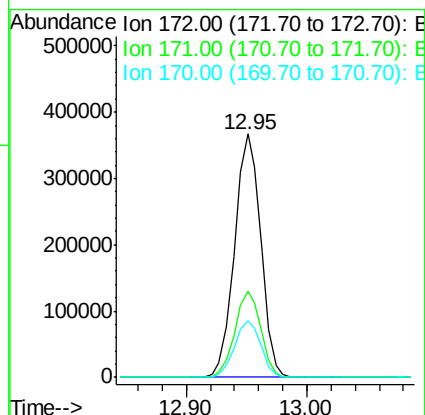
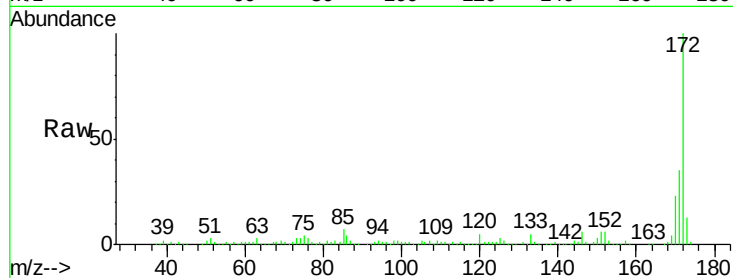




#44
 2-Fluorobiphenyl
 Concen: 56.98 ng
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.04 min
 Lab File: BM003803.D
 Acq: 25 Dec 2015 06:53

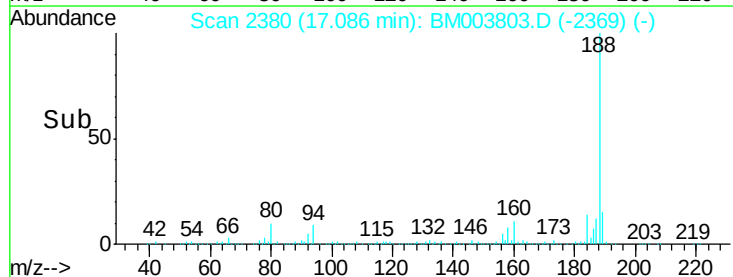
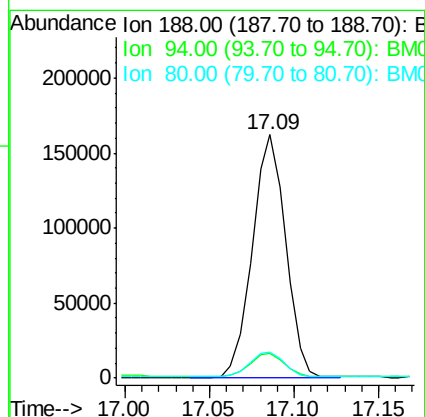
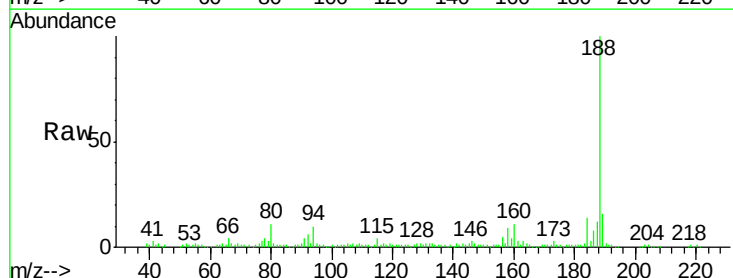
Instrument :
 BNA_M
 ClientSampleId :

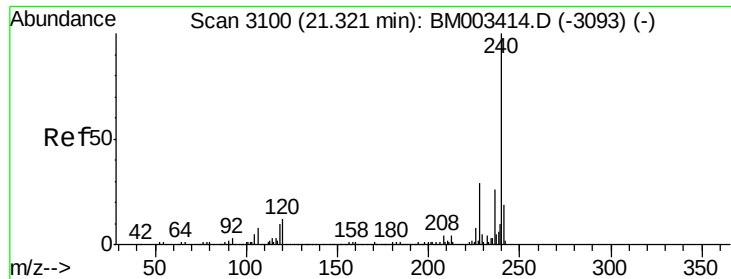
Tot Ion:172 Resp: 552227
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.4 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.09 min Scan# 2380
 Delta R.T. -0.04 min
 Lab File: BM003803.D
 Acq: 25 Dec 2015 06:53

Tgt Ion:188 Resp: 222196
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.7 13.1
 80 10.6 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.04 min

Lab File: BM003803.D

Acq: 25 Dec 2015 06:53

Instrument :

BNA_M

ClientSampleId :

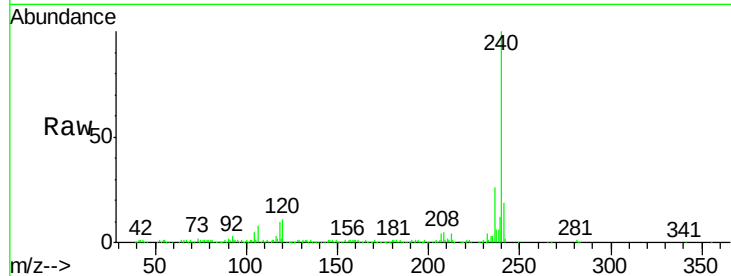
Tot Ion:240 Resp: 227662

Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.2

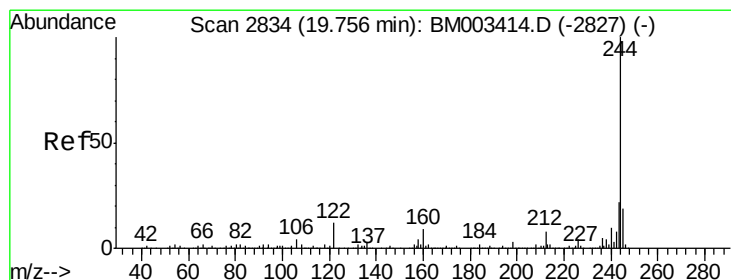
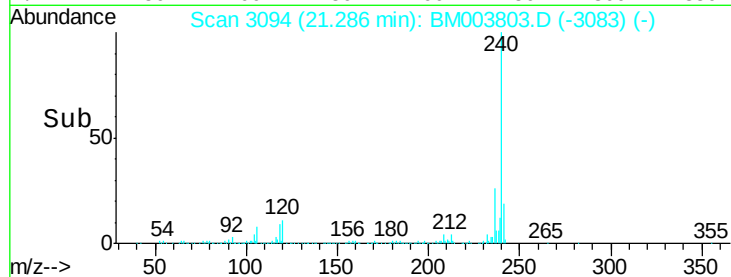
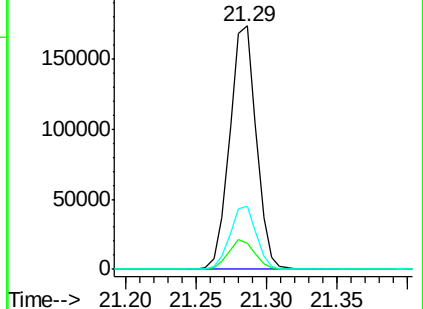
236 26.0 20.0 30.0



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: 53.12 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.04 min

Lab File: BM003803.D

Acq: 25 Dec 2015 06:53

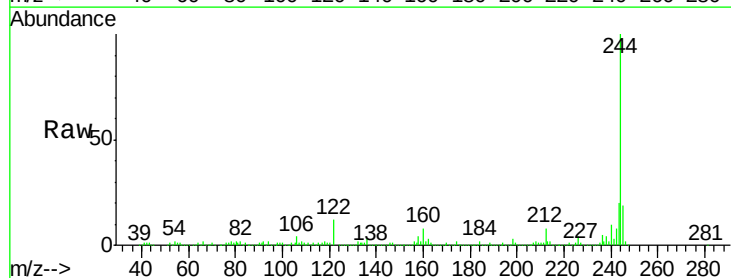
Tgt Ion:244 Resp: 512767

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

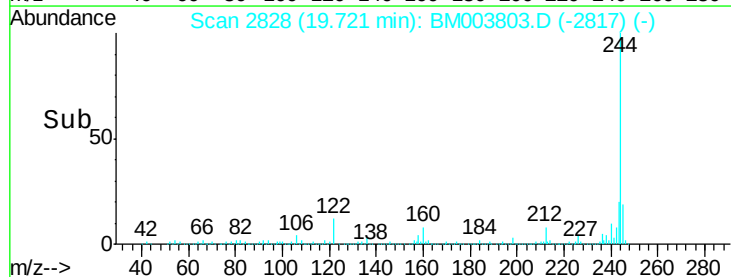
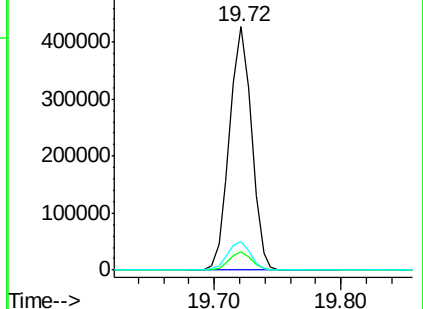
122 11.8 6.2 9.4#

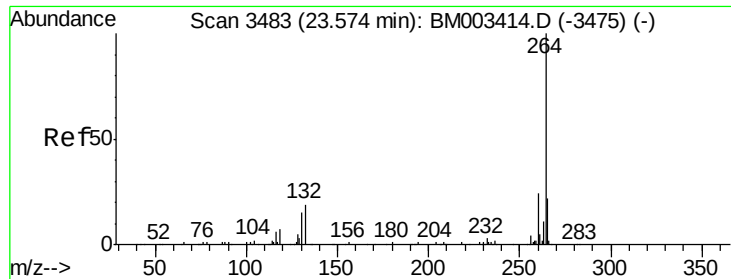


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

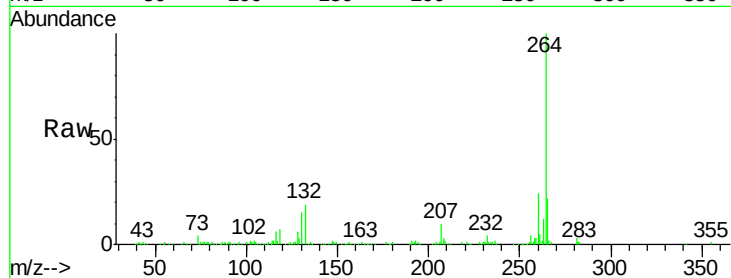




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.52 min Scan# 3474
Delta R.T. -0.05 min
Lab File: BM003803.D
Acq: 25 Dec 2015 06:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.6	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

