

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120915\
 Data File : BM003452.D
 Acq On : 10 Dec 2015 14:55
 Operator : UM/IZ
 Sample : G4690-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 10 16:30:09 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	78534	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	340904	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	187419	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	386323	20.00	ng	0.00
75) Chrysene-d12	21.32	240	384169	20.00	ng	0.00
86) Perylene-d12	23.57	264	376365	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	301705	68.30	ng	0.00
7) Phenol-d6	6.89	99	247012	40.27	ng	0.00
23) Nitrobenzene-d5	8.88	82	542999	98.76	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	265011	141.59	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1297701	94.34	ng	0.00
78) Terphenyl-d14	19.76	244	1297078	79.62	ng	0.00

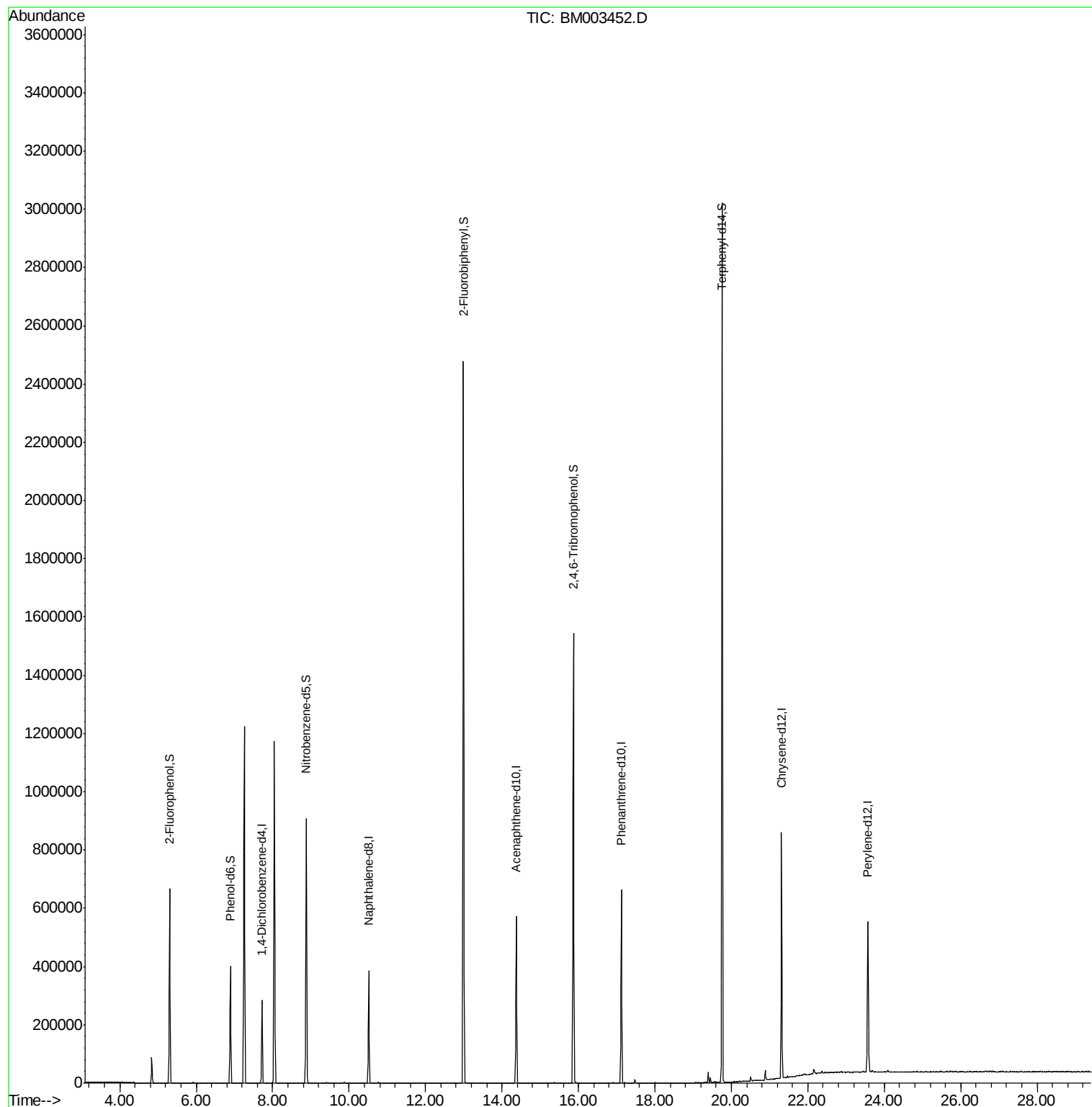
Target Compounds Qvalue

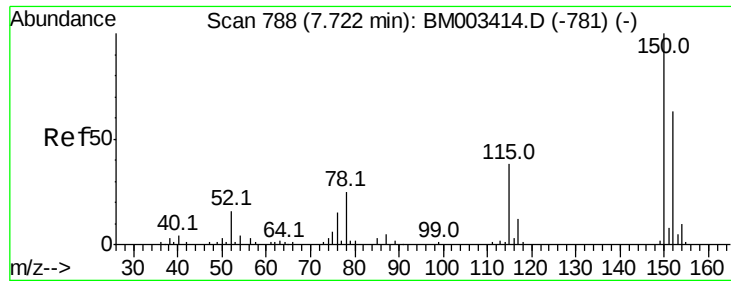
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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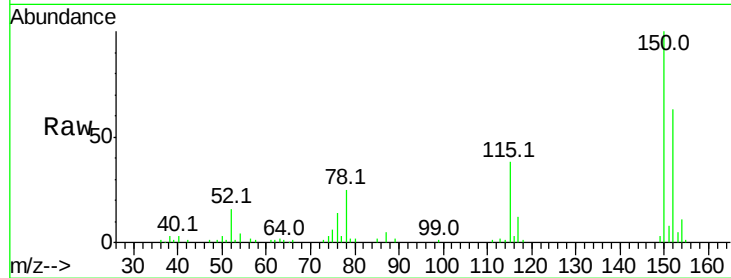


#1

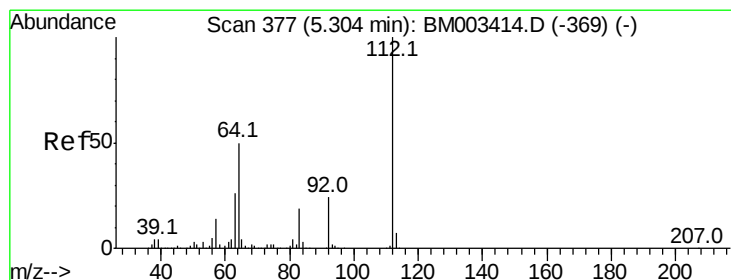
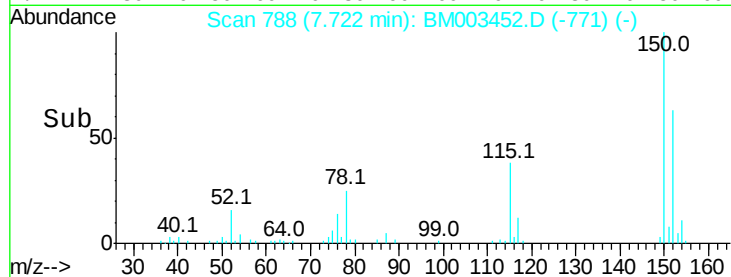
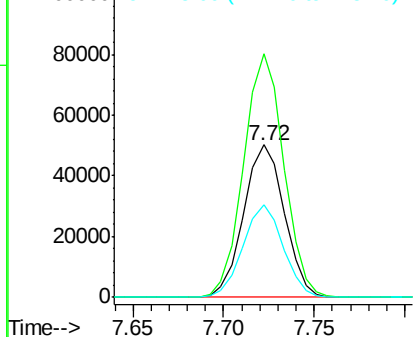
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003452.D
Acq: 10 Dec 2015 14:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 78534
Ion Ratio Lower Upper
152 100
150 159.6 119.5 179.3
115 60.5 43.0 64.4



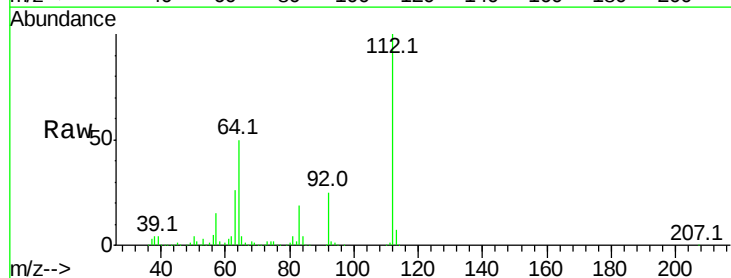
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



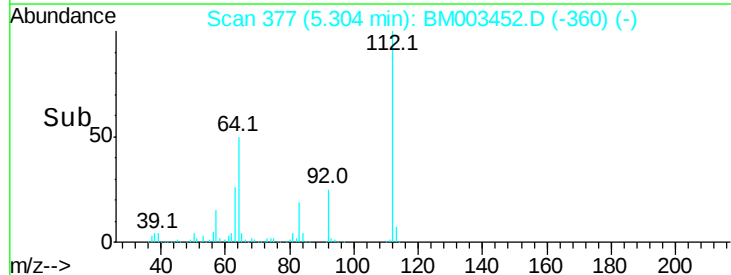
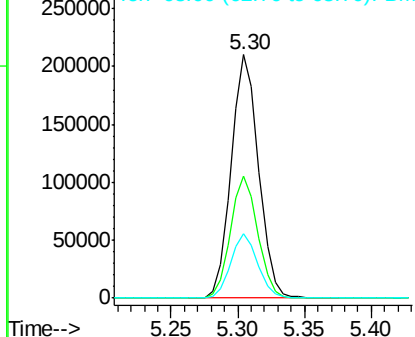
#5

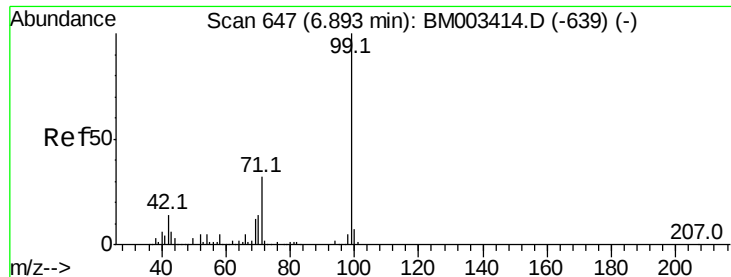
2-Fluorophenol
Concen: 68.30 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003452.D
Acq: 10 Dec 2015 14:55

Tgt Ion:112 Resp: 301705
Ion Ratio Lower Upper
112 100
64 50.2 38.6 57.8
63 26.4 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: 40.27 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM003452.D

Acq: 10 Dec 2015 14:55

Instrument :

BNA_M

ClientSampleId :

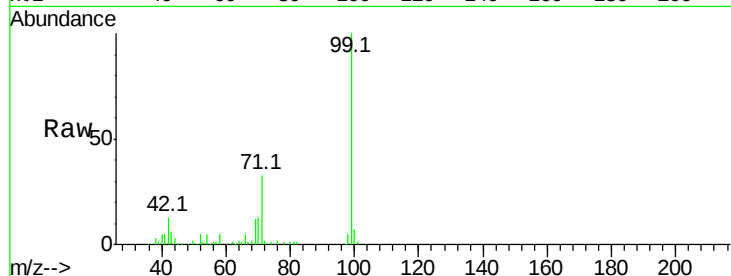
Tot Ion: 99 Resp: 247012

Ion Ratio Lower Upper

99 100

42 13.2 11.0 16.4

71 32.6 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

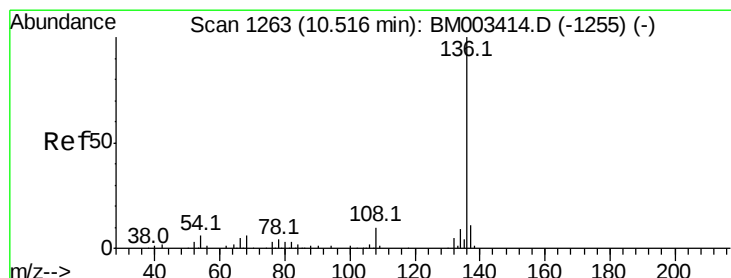
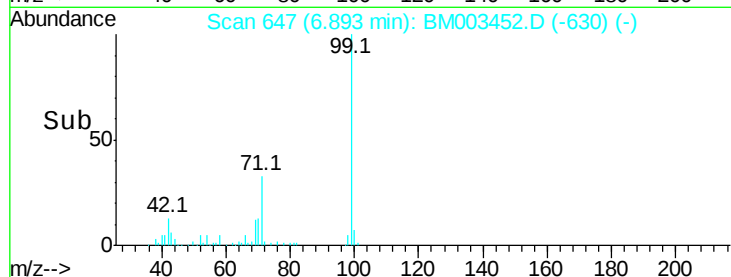
150000

100000

50000

0

Time--> 6.80 6.85 6.90 6.95 7.00



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM003452.D

Acq: 10 Dec 2015 14:55

Tgt Ion: 136 Resp: 340904

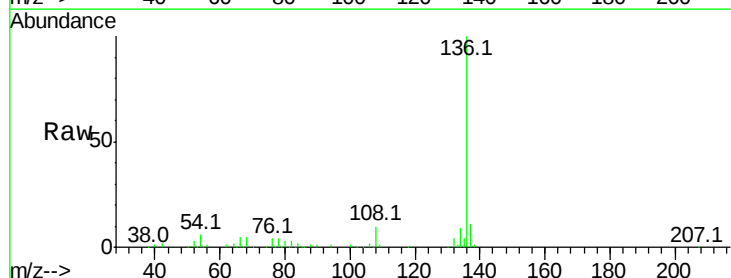
Ion Ratio Lower Upper

136 100

137 10.9 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): 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) (-)

10.51

300000

250000

200000

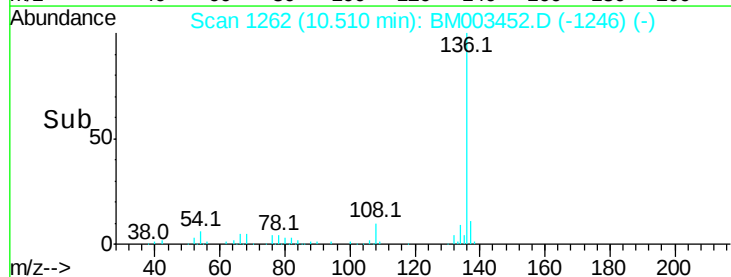
150000

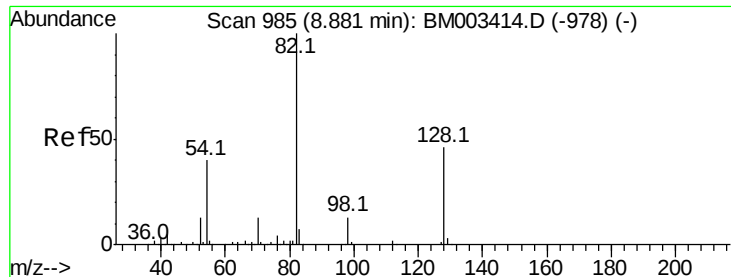
100000

50000

0

Time--> 10.50 10.60

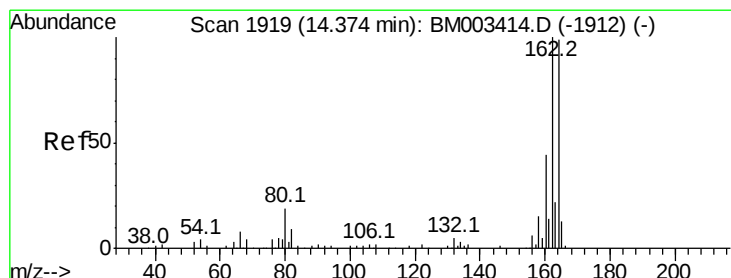
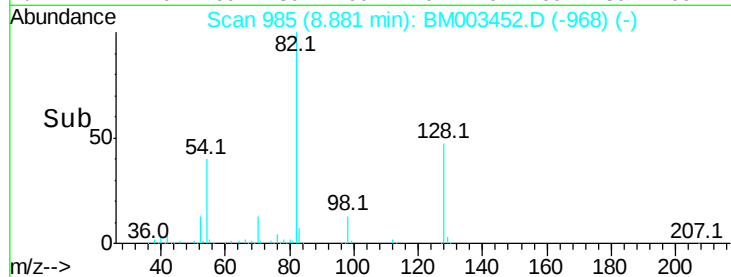
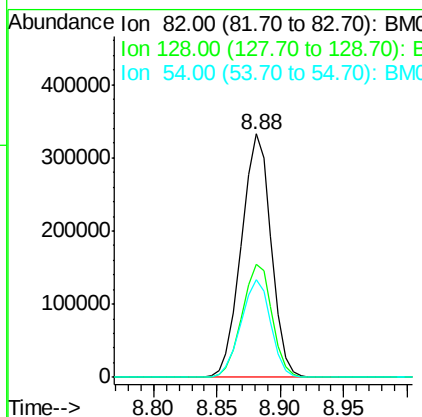
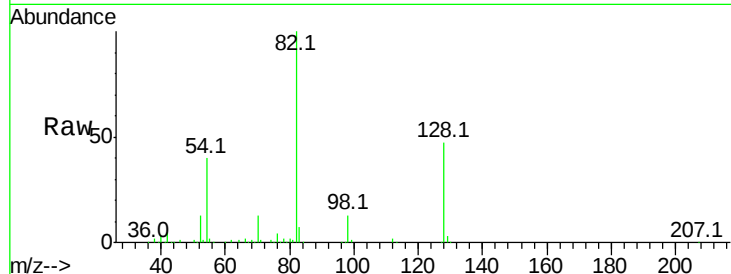




#23
 Nitrobenzene-d5
 Concen: 98.76 ng
 RT: 8.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BM003452.D
 Acq: 10 Dec 2015 14:55

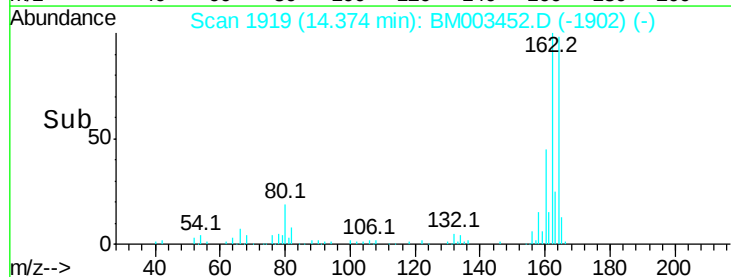
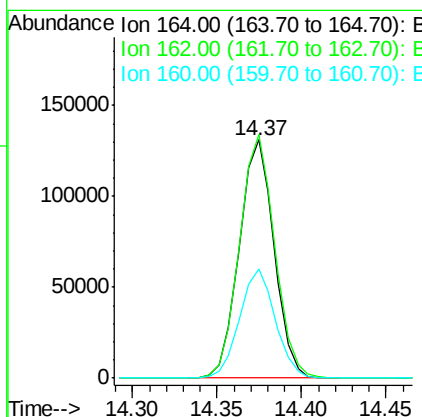
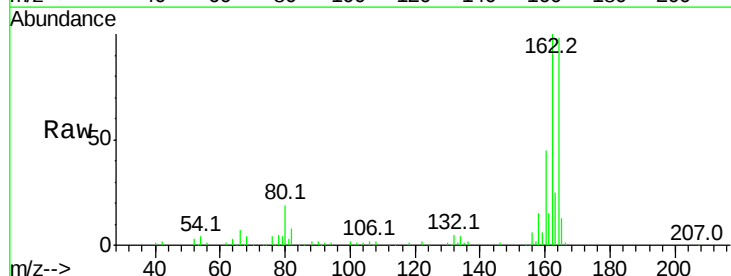
Instrument :
 BNA_M
 ClientSampled :

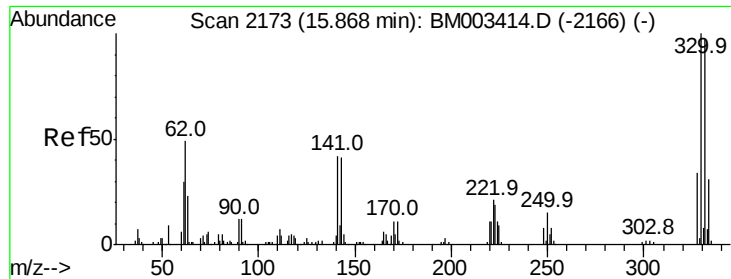
Tot Ion	82	Resp	542999
Ion	Ratio	Lower	Upper
82	100		
128	46.5	32.8	49.2
54	40.1	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.37 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BM003452.D
 Acq: 10 Dec 2015 14:55

Tgt Ion	164	Resp	187419
Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.4	123.6
160	45.8	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 141.59 ng

RT: 15.87 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BM003452.D

Acq: 10 Dec 2015 14:55

Instrument :

BNA_M

ClientSampled :

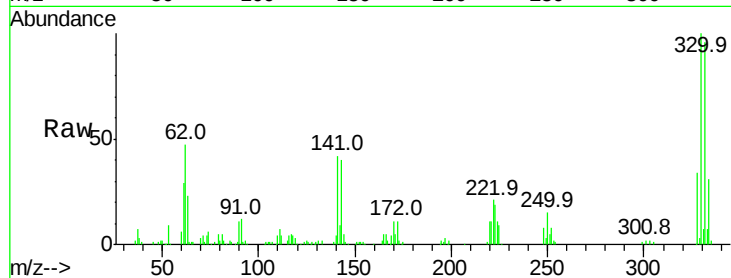
Tot Ion:330 Resp: 265011

Ion Ratio Lower Upper

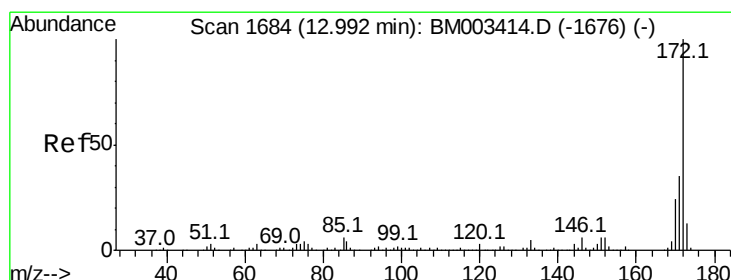
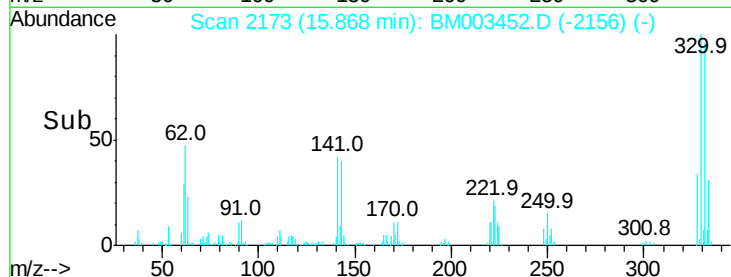
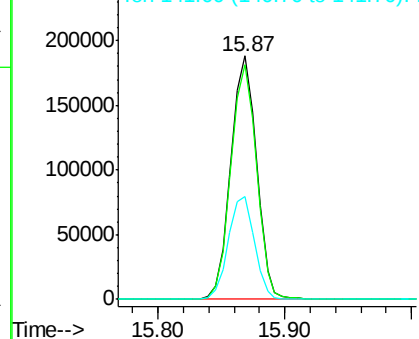
330 100

332 96.2 0.0 0.0#

141 42.9 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: 94.34 ng

RT: 12.99 min Scan# 1684

Delta R.T. 0.00 min

Lab File: BM003452.D

Acq: 10 Dec 2015 14:55

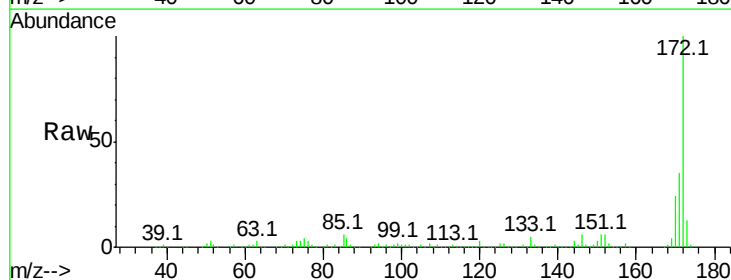
Tgt Ion:172 Resp: 1297701

Ion Ratio Lower Upper

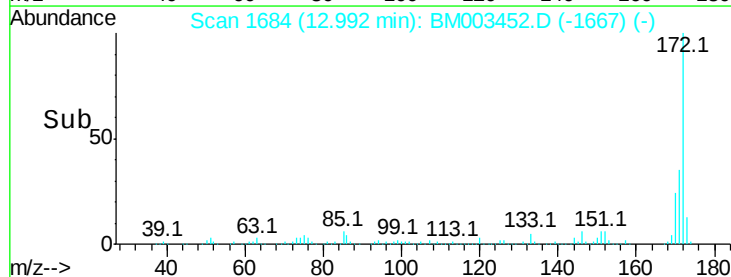
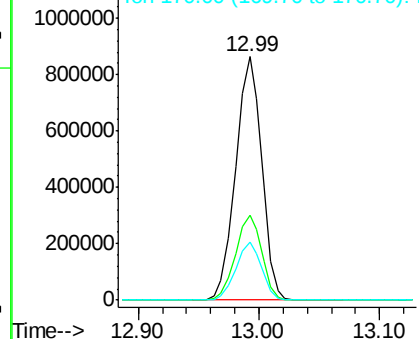
172 100

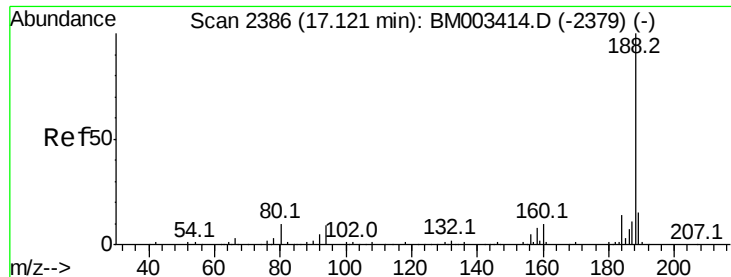
171 35.1 28.5 42.7

170 23.7 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

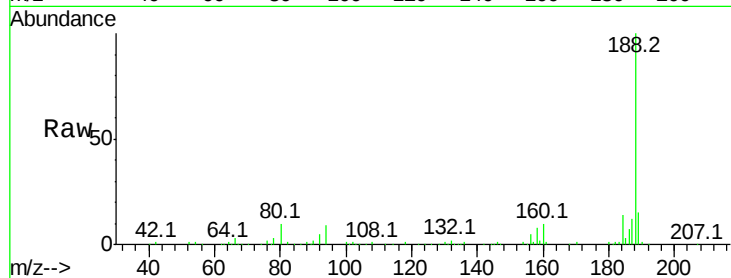




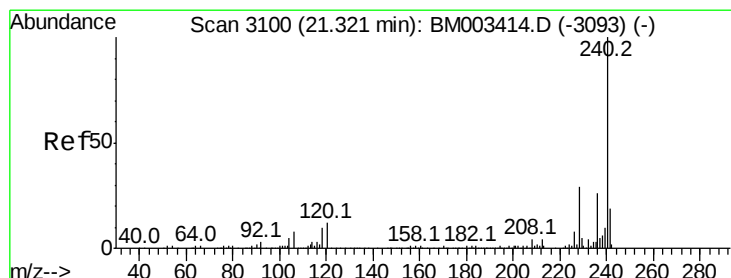
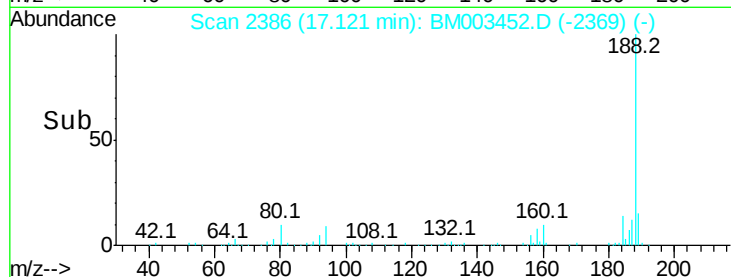
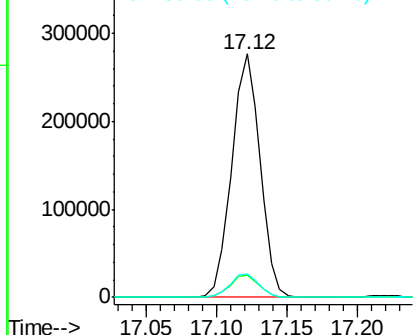
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM003452.D
Acq: 10 Dec 2015 14:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 386323
Ion Ratio Lower Upper
188 100
94 9.2 8.7 13.1
80 9.5 9.3 13.9

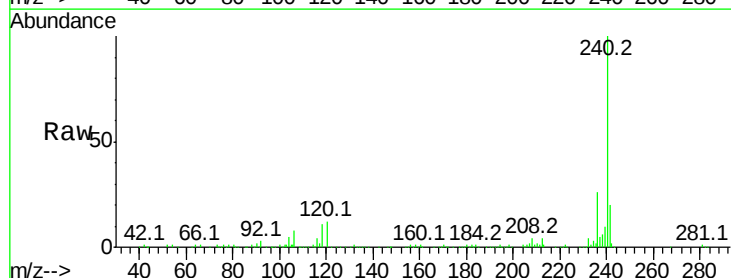


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

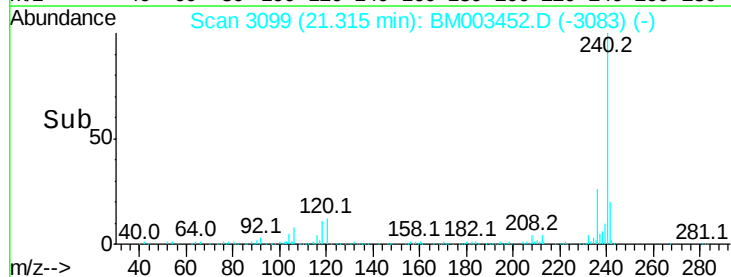
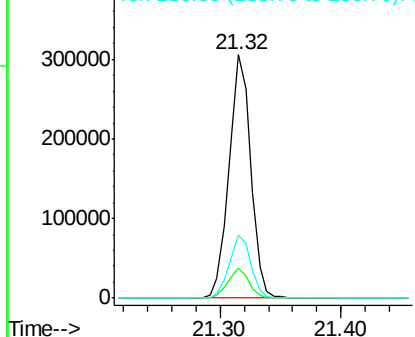


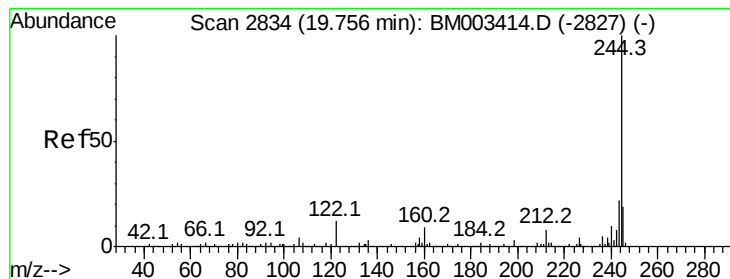
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM003452.D
Acq: 10 Dec 2015 14:55

Tgt Ion:240 Resp: 384169
Ion Ratio Lower Upper
240 100
120 12.1 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: 79.62 ng

RT: 19.76 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM003452.D

Acq: 10 Dec 2015 14:55

Instrument :

BNA_M

ClientSampled :

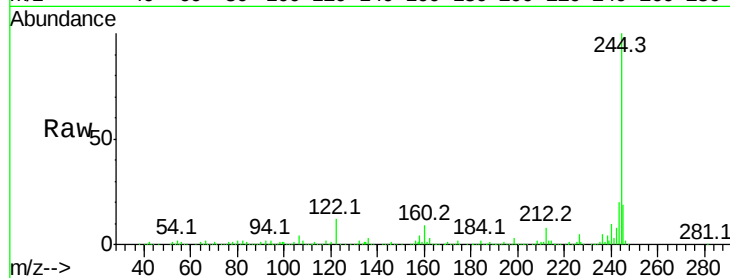
Tot Ion:244 Resp: 1297078

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

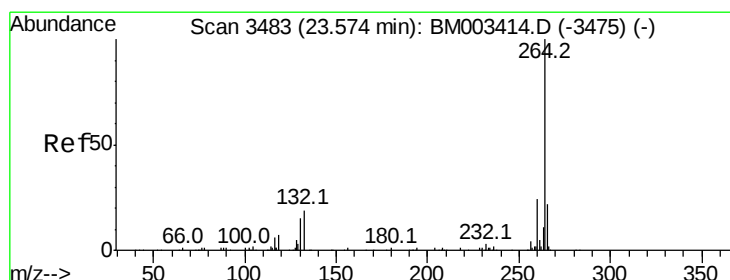
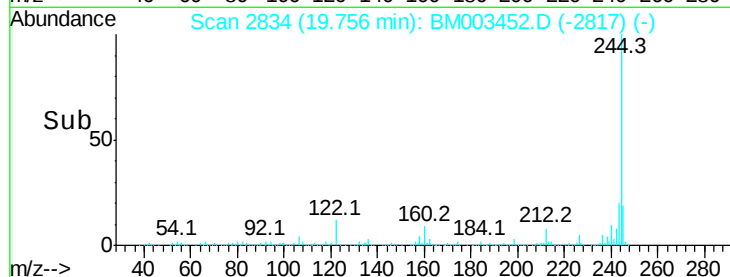
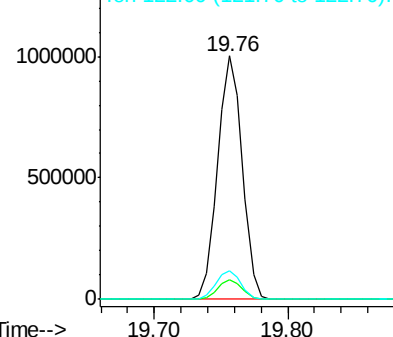
122 11.8 6.2 9.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 23.57 min Scan# 3483

Delta R.T. 0.00 min

Lab File: BM003452.D

Acq: 10 Dec 2015 14:55

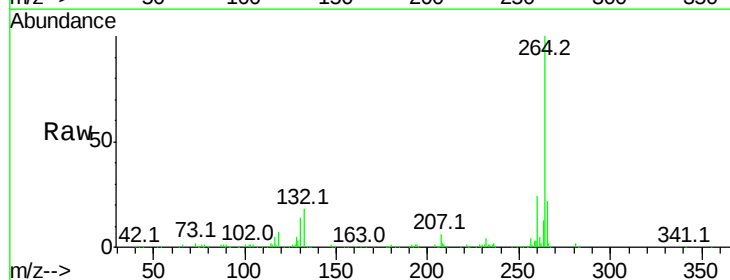
Tgt Ion:264 Resp: 376365

Ion Ratio Lower Upper

264 100

260 24.2 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

