

Data Path : S:\HPCHEM1\BNA_M\DATA\BM022916\
 Data File : BM004484.D
 Acq On : 01 Mar 2016 00:12
 Operator : SJ/UM
 Sample : PB88423BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB88423BL

Quant Time: Mar 01 06:01:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 00:52:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	19154	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	71428	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	37028	5.00	ng	0.00
19) Phenanthrene-d10	17.04	188	74598	5.00	ng	0.02
26) Chrysene-d12	21.25	240	79505	5.00	ng	0.01
35) Perylene-d12	23.45	264	75995	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	31746	7.13	ng	-0.02
5) Phenol-d6	6.81	99	36156	7.19	ng	0.00
8) Nitrobenzene-d5	8.79	82	14154	3.89	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	9239	6.49	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	49023	4.32	ng	0.00
29) Terphenyl-d14	19.67	244	44886	4.39	ng	0.00

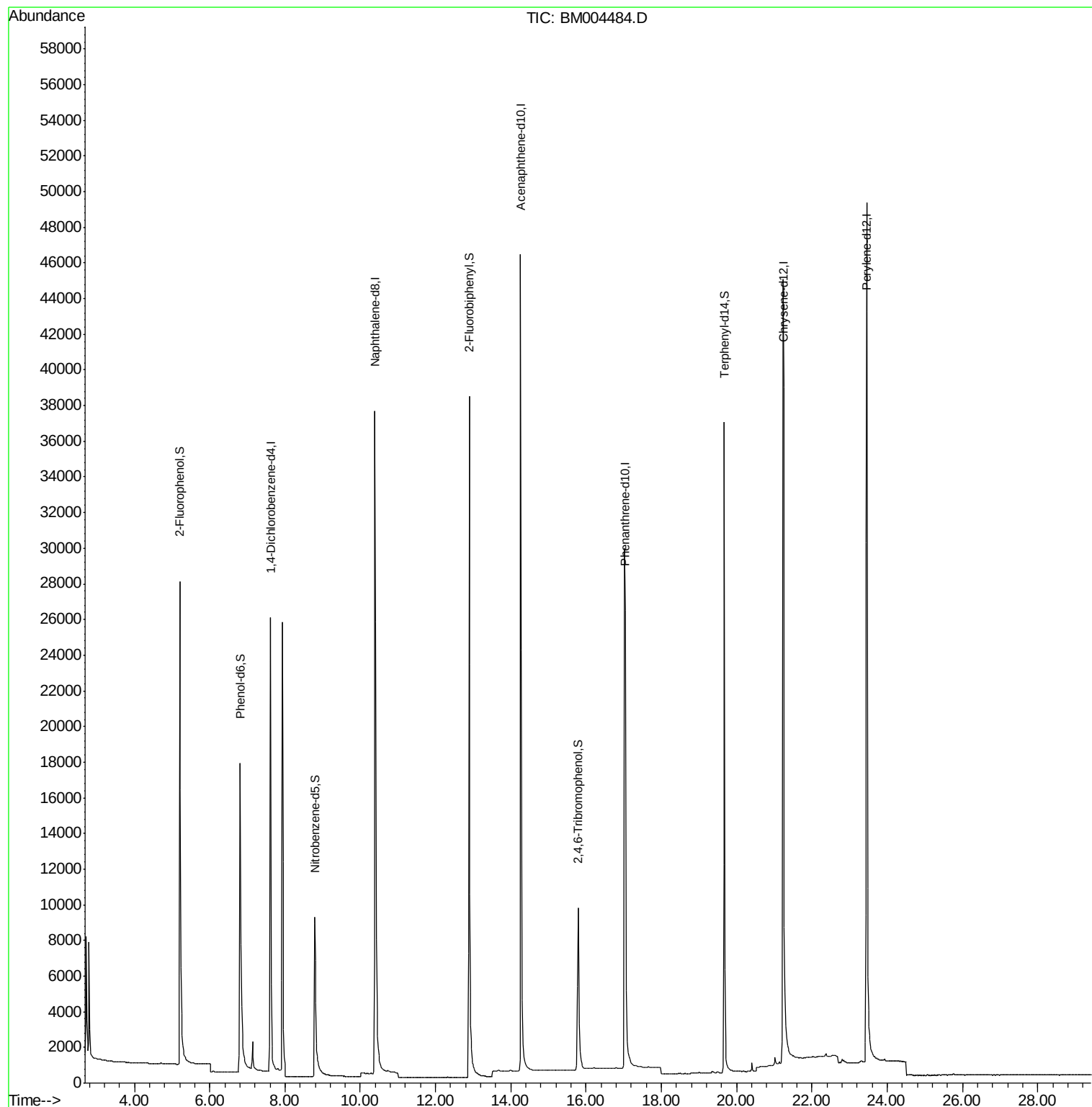
Target Compounds	Qvalue
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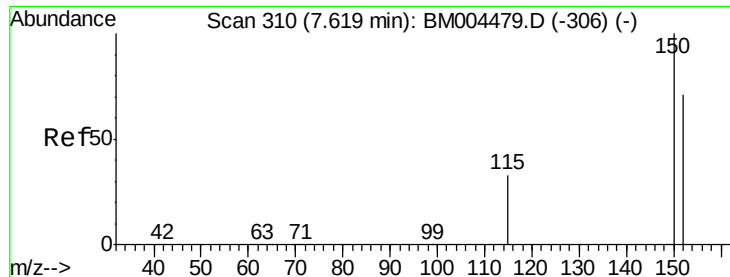
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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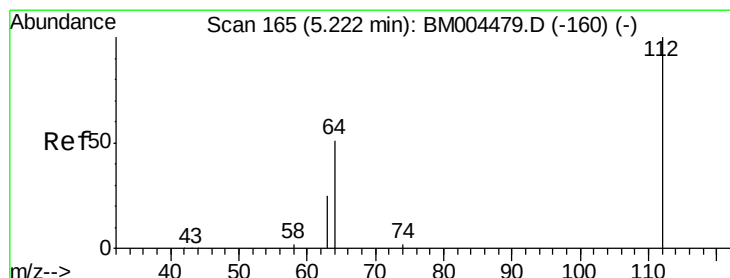
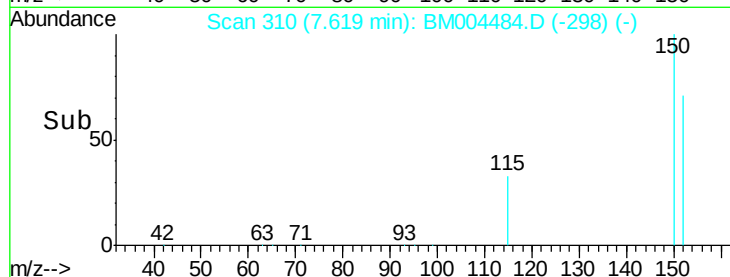
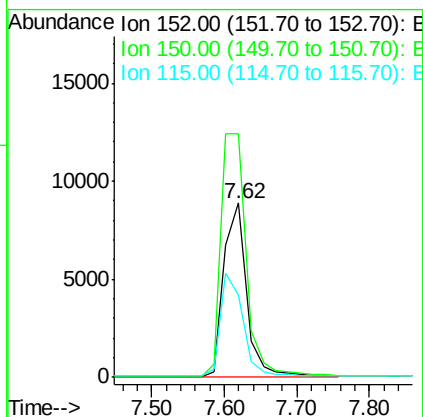
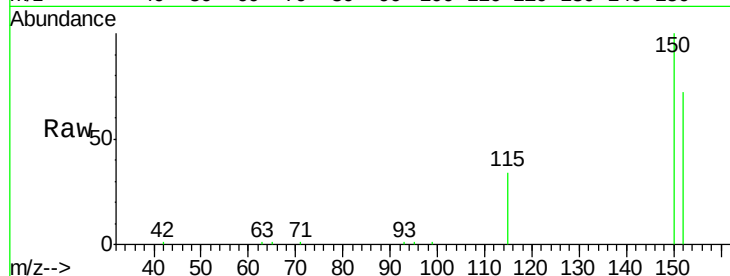




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.62 min Scan# 310
 Delta R.T. 0.00 min
 Lab File: BM004484.D
 Acq: 01 Mar 2016 00:12

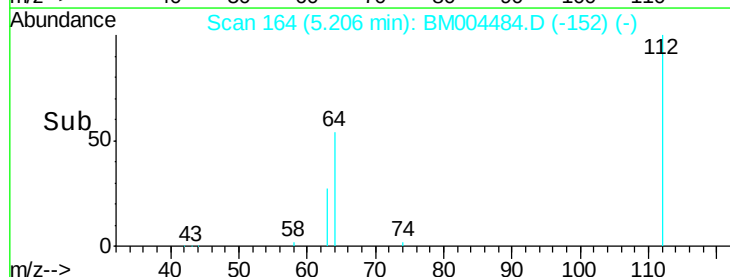
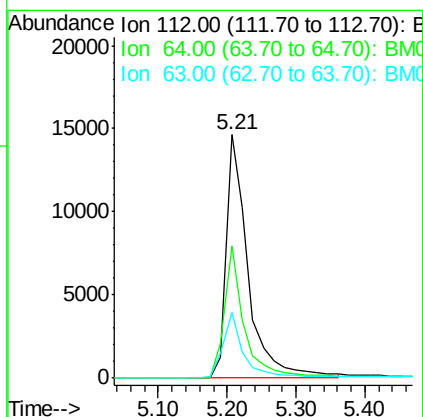
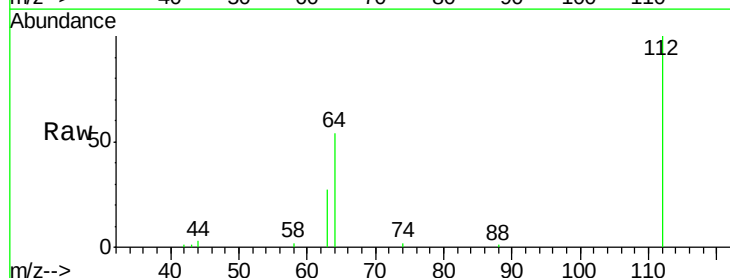
Instrument :
 BNA_M
 ClientSampleId :
 PB88423BL

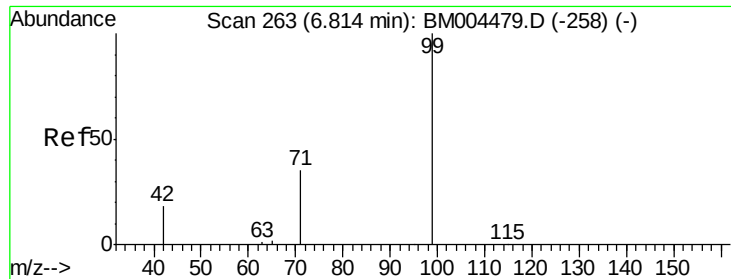
Tgt Ion:152 Resp: 19154
 Ion Ratio Lower Upper
 152 100
 150 139.8 111.9 167.9
 115 47.0 37.7 56.5



#4
 2-Fluorophenol
 Concen: 7.13 ng
 RT: 5.21 min Scan# 164
 Delta R.T. -0.02 min
 Lab File: BM004484.D
 Acq: 01 Mar 2016 00:12

Tgt Ion:112 Resp: 31746
 Ion Ratio Lower Upper
 112 100
 64 49.0 39.6 59.4
 63 24.7 20.0 30.0





#5

Phenol-d6

Concen: 7.19 ng

RT: 6.81 min Scan# 263

Delta R.T. 0.00 min

Lab File: BM004484.D

Acq: 01 Mar 2016 00:12

Instrument :

BNA_M

ClientSampleId :

PB88423BL

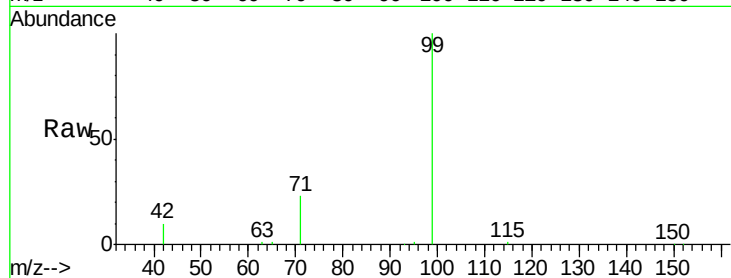
Tgt Ion: 99 Resp: 36156

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.2

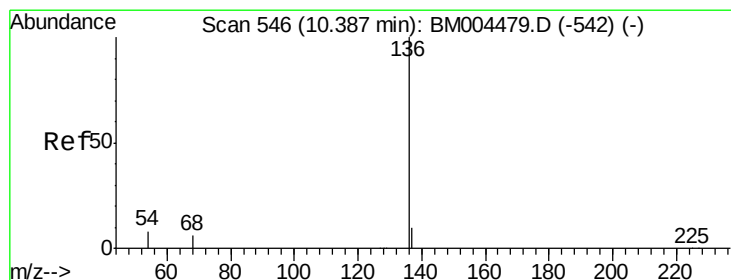
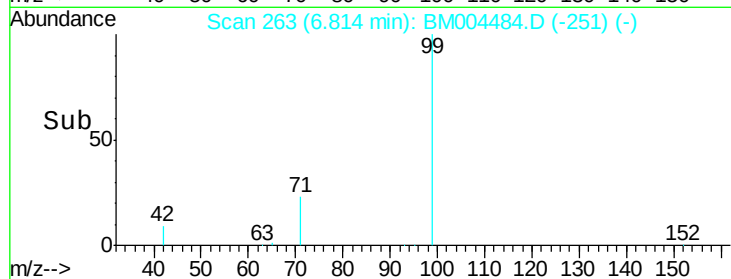
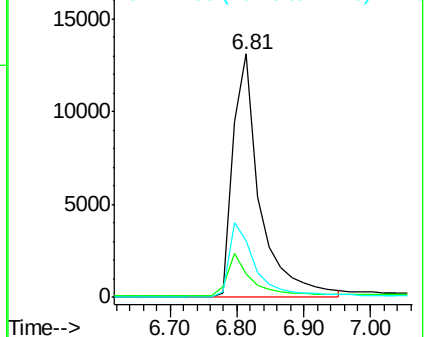
71 29.4 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM004484.D (-251) (-)

Ion 42.00 (41.70 to 42.70): BM004484.D (-251) (-)

Ion 71.00 (70.70 to 71.70): BM004484.D (-251) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. 0.00 min

Lab File: BM004484.D

Acq: 01 Mar 2016 00:12

Tgt Ion: 136 Resp: 71428

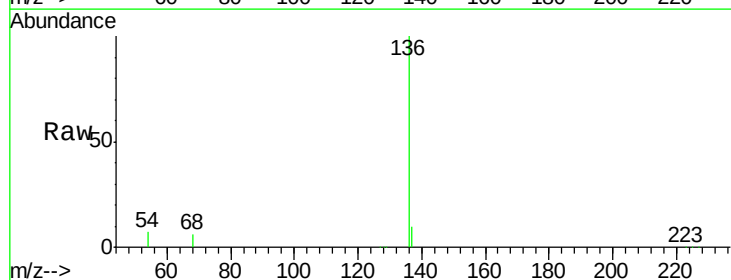
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.2

54 7.3 6.4 9.6

68 5.7 5.0 7.4

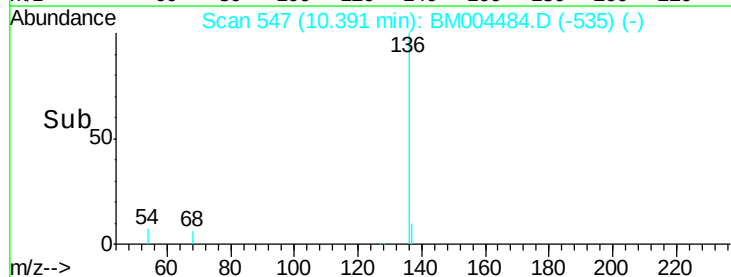
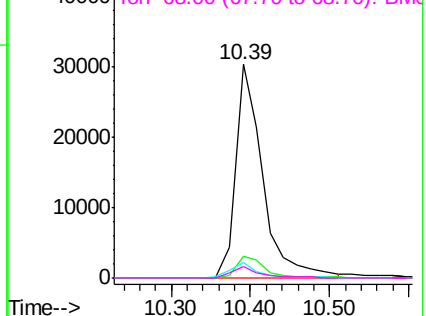


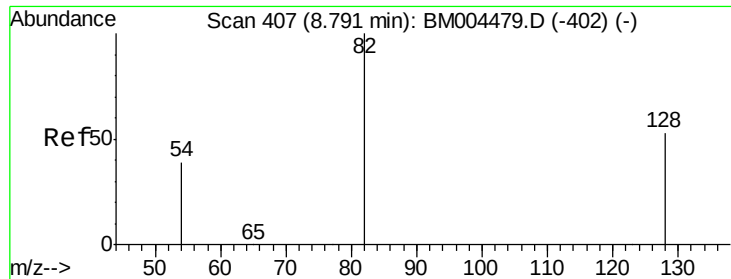
Abundance Ion 136.00 (135.70 to 136.70): BM004484.D (-535) (-)

Ion 137.00 (136.70 to 137.70): BM004484.D (-535) (-)

Ion 54.00 (53.70 to 54.70): BM004484.D (-535) (-)

Ion 68.00 (67.70 to 68.70): BM004484.D (-535) (-)





#8

Nitrobenzene-d5

Concen: 3.89 ng

RT: 8.79 min Scan# 408

Delta R.T. 0.00 min

Lab File: BM004484.D

Acq: 01 Mar 2016 00:12

Instrument :

BNA_M

ClientSampleId :

PB88423BL

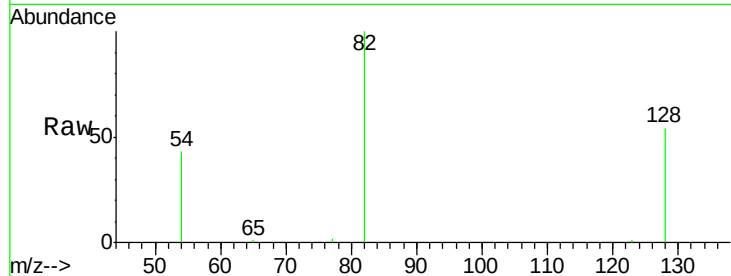
Tgt Ion: 82 Resp: 14154

Ion Ratio Lower Upper

82 100

128 53.8 43.7 65.5

54 43.0 33.5 50.3



Abundance Ion 82.00 (81.70 to 82.70): BM004479.D (-402) (-)

Ion 128.00 (127.70 to 128.70): BM004479.D (-402) (-)

Ion 54.00 (53.70 to 54.70): BM004479.D (-402) (-)

8.79

4000

3000

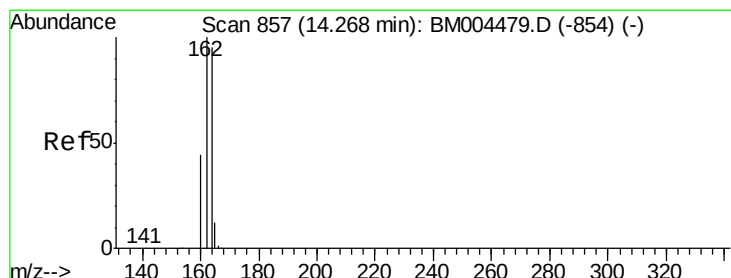
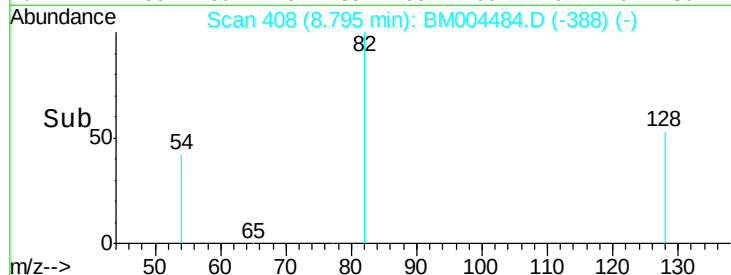
2000

1000

0

8.70 8.80 8.90 9.00

Time-->



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM004484.D

Acq: 01 Mar 2016 00:12

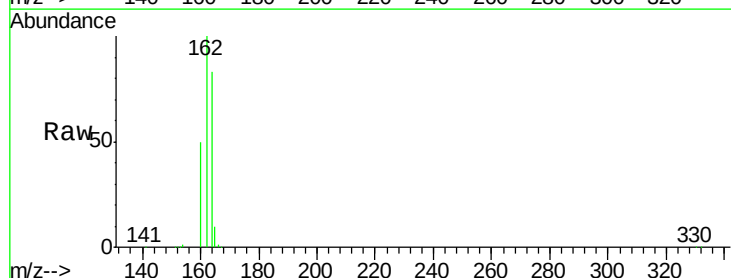
Tgt Ion: 164 Resp: 37028

Ion Ratio Lower Upper

164 100

162 120.5 84.2 126.4

160 59.8 37.4 56.2#



Abundance Ion 164.00 (163.70 to 164.70): BM004479.D (-854) (-)

Ion 162.00 (161.70 to 162.70): BM004479.D (-854) (-)

Ion 160.00 (159.70 to 160.70): BM004479.D (-854) (-)

14.26

25000

20000

15000

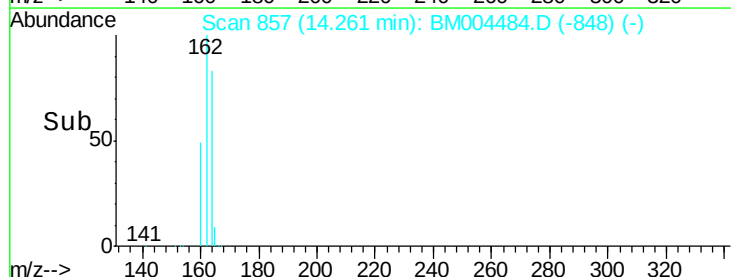
10000

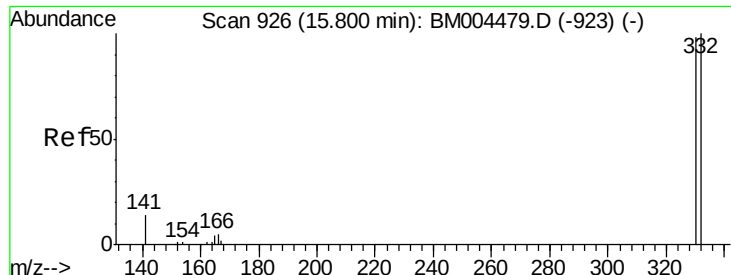
5000

0

14.00 14.20 14.40

Time-->

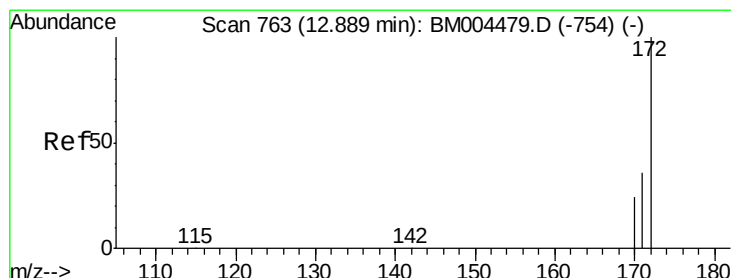
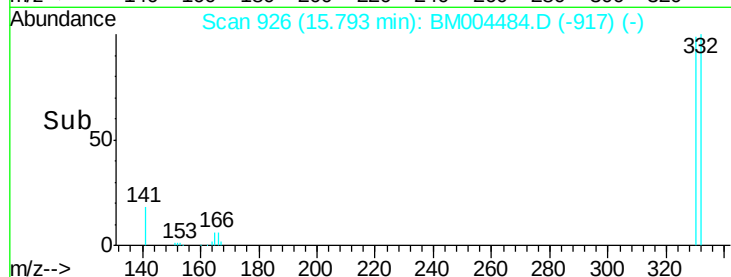
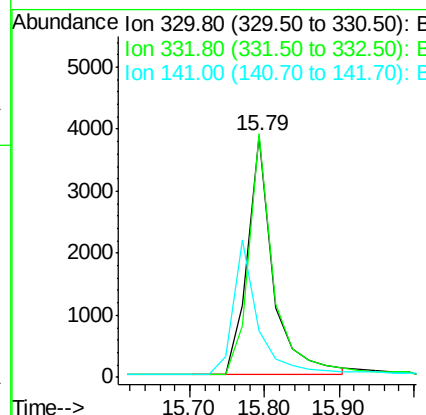
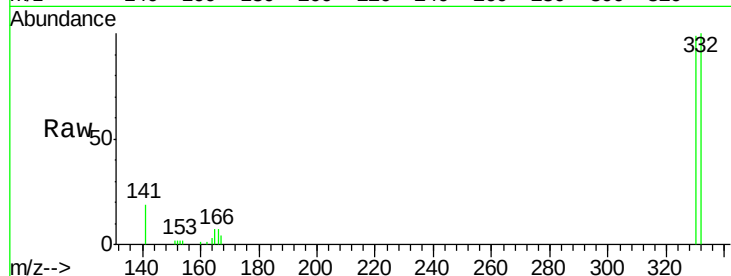




#14
2,4,6-Tribromophenol
Concen: 6.49 ng
RT: 15.79 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM004484.D
Acq: 01 Mar 2016 00:12

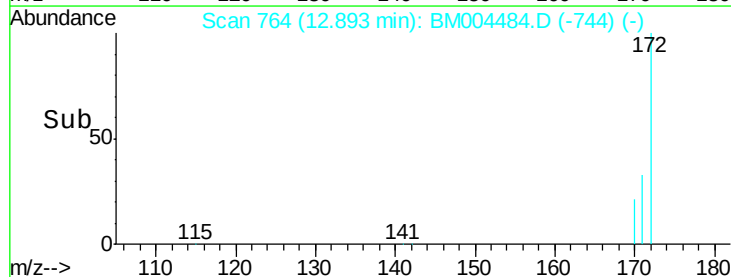
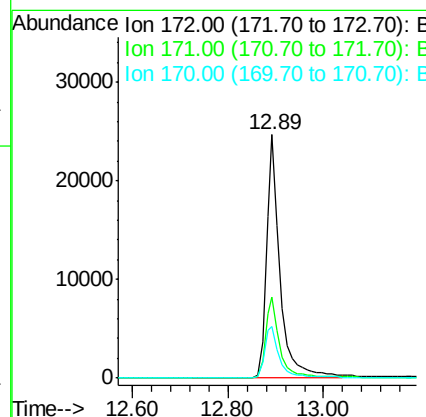
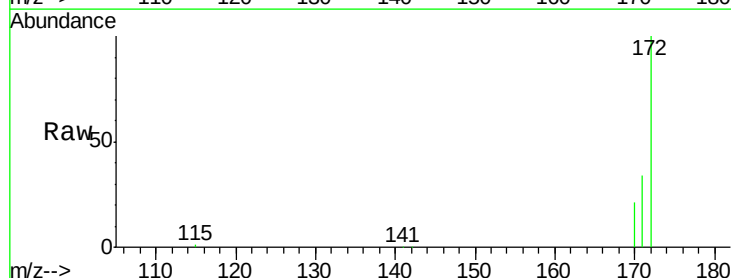
Instrument :
BNA_M
ClientSampled :
PB88423BL

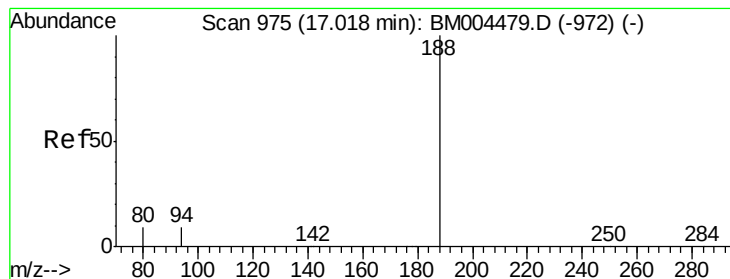
Tgt Ion:330 Resp: 9239
Ion Ratio Lower Upper
330 100
332 96.2 76.1 114.1
141 0.0 0.0 0.0



#15
2-Fluorobiphenyl
Concen: 4.32 ng
RT: 12.89 min Scan# 764
Delta R.T. 0.00 min
Lab File: BM004484.D
Acq: 01 Mar 2016 00:12

Tgt Ion:172 Resp: 49023
Ion Ratio Lower Upper
172 100
171 33.5 29.2 43.8
170 21.4 19.7 29.5





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.04 min Scan# 976

Delta R.T. 0.02 min

Lab File: BM004484.D

Acq: 01 Mar 2016 00:12

Instrument :

BNA_M

ClientSampleId :

PB88423BL

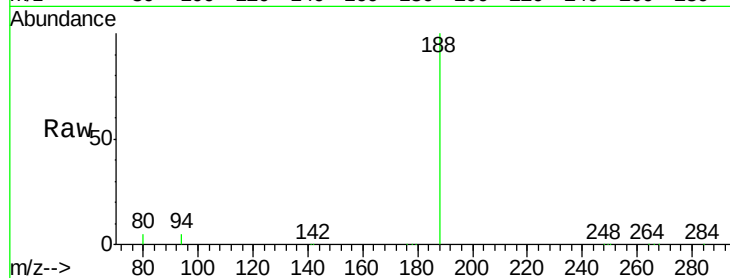
Tgt Ion:188 Resp: 74598

Ion Ratio Lower Upper

188 100

94 4.8 7.4 11.0#

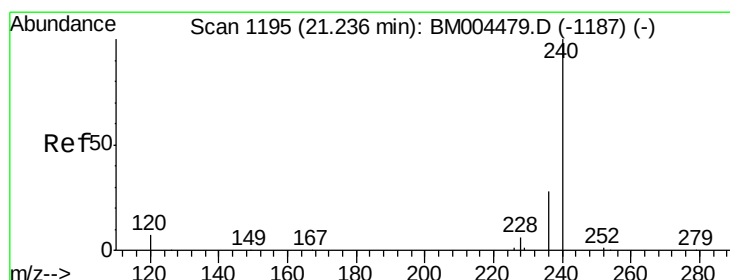
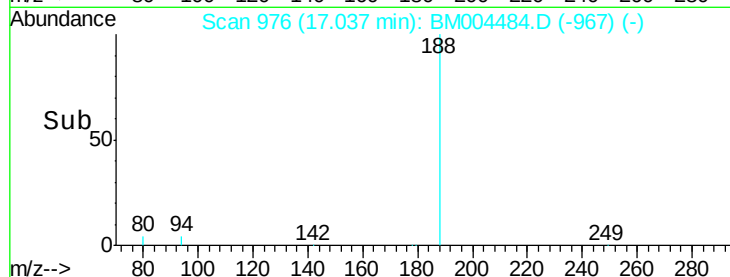
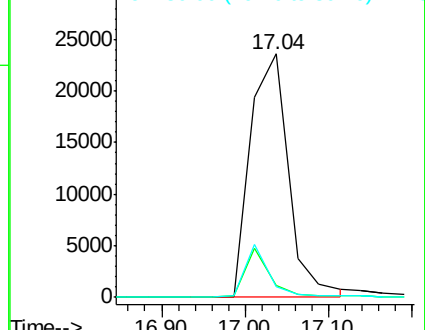
80 4.5 6.9 10.3#



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BM004484.D

Acq: 01 Mar 2016 00:12

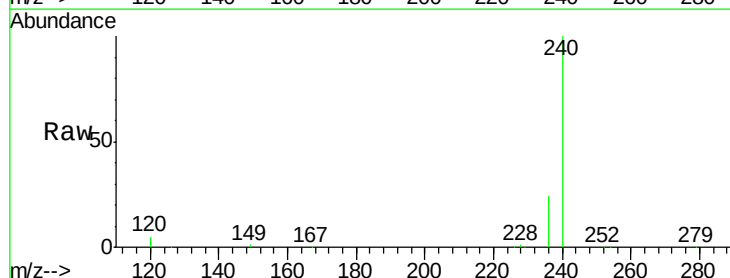
Tgt Ion:240 Resp: 79505

Ion Ratio Lower Upper

240 100

120 4.6 6.1 9.1#

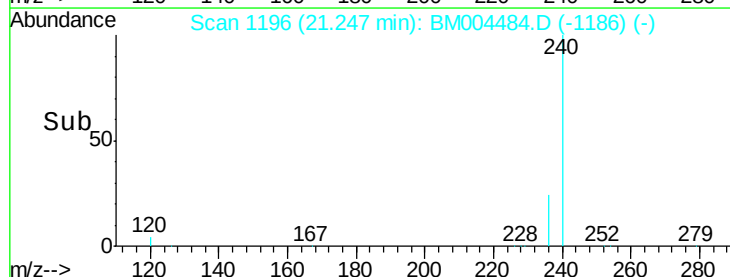
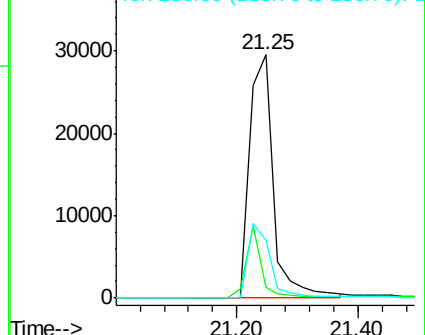
236 23.8 22.6 34.0

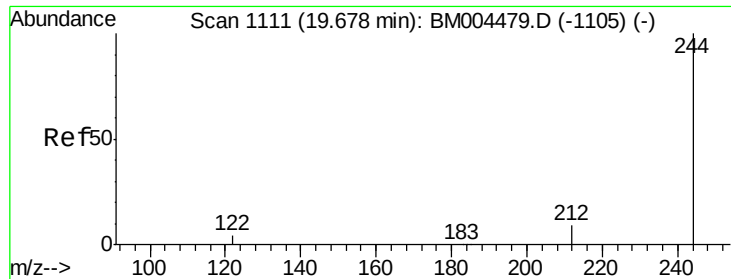


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 4.39 ng

RT: 19.67 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM004484.D

Acq: 01 Mar 2016 00:12

Instrument :

BNA_M

ClientSampleId :

PB88423BL

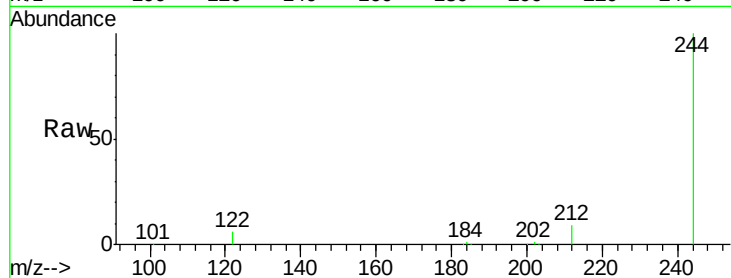
Tgt Ion:244 Resp: 44886

Ion Ratio Lower Upper

244 100

212 9.4 7.5 11.3

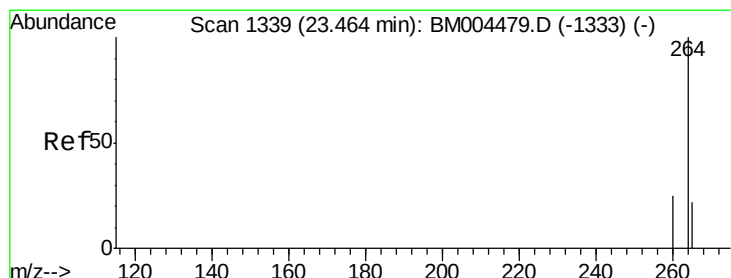
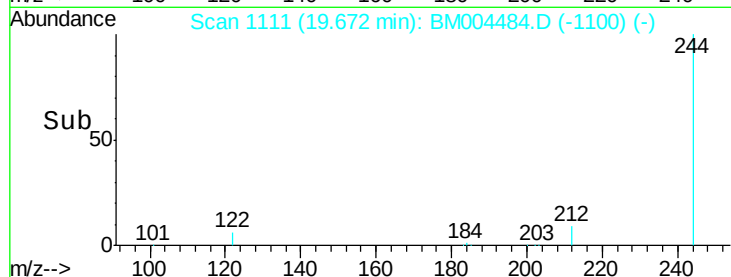
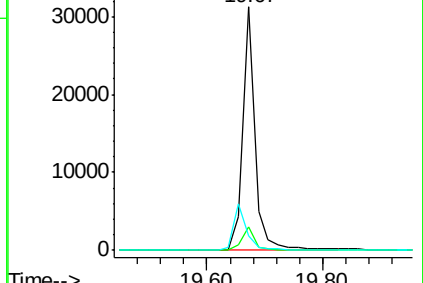
122 5.8 4.2 6.2



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



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.45 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BM004484.D

Acq: 01 Mar 2016 00:12

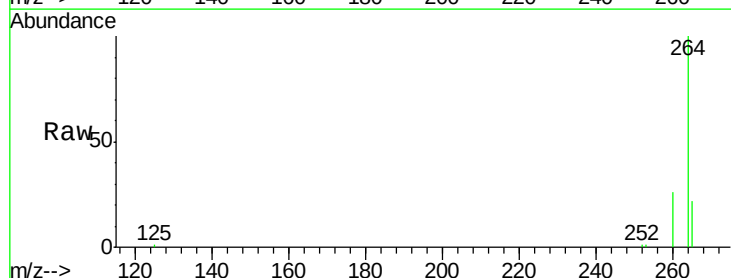
Tgt Ion:264 Resp: 75995

Ion Ratio Lower Upper

264 100

260 26.3 19.8 29.6

265 22.0 18.9 28.3



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

