

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030116\
 Data File : BM004513.D
 Acq On : 02 Mar 2016 10:46
 Operator : SJ/UM
 Sample : PB88423BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB88423BL

Quant Time: Mar 02 16:23:02 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 14:46:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	20922	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	75030	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	36913	5.00	ng	0.00
19) Phenanthrene-d10	17.03	188	71559	5.00	ng	0.02
26) Chrysene-d12	21.23	240	82273	5.00	ng	0.00
35) Perylene-d12	23.46	264	74513	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	32856	7.51	ng	-0.03
5) Phenol-d6	6.80	99	37373	6.46	ng	-0.03
8) Nitrobenzene-d5	8.79	82	13340	3.38	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	6873	5.14	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	48284	4.20	ng	0.00
29) Terphenyl-d14	19.68	244	41593	3.37	ng	0.00

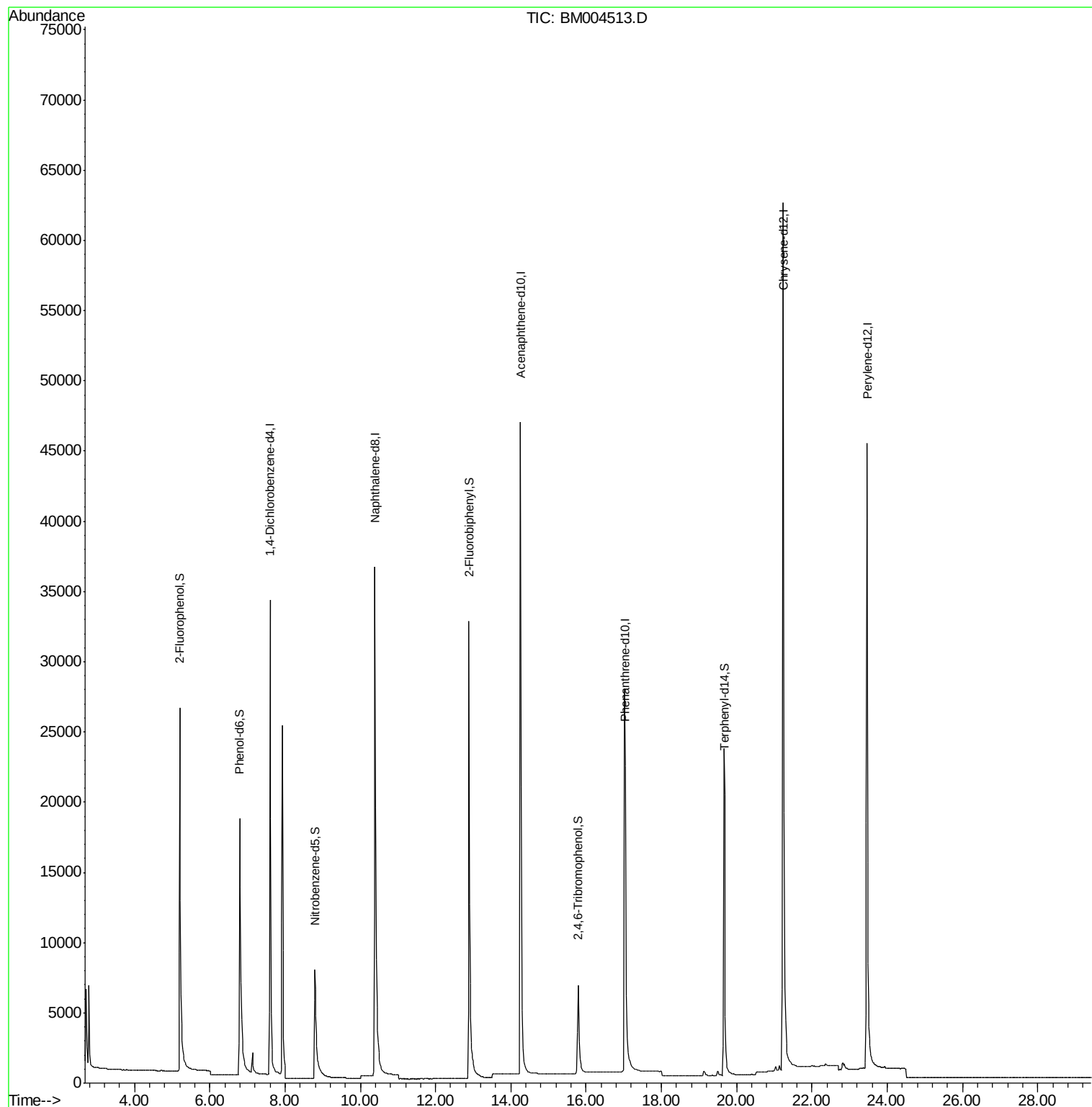
Target Compounds Qvalue

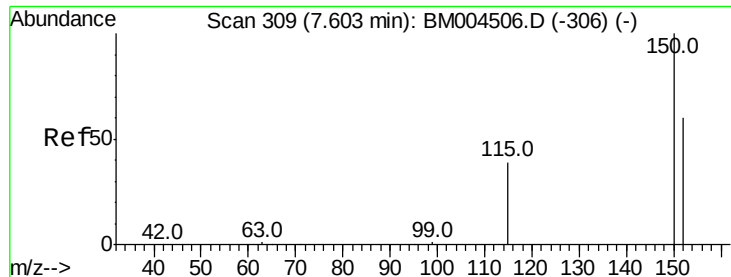
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.60 min Scan# 309

Delta R.T. -0.00 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

Instrument :

BNA_M

ClientSampleId :

PB88423BL

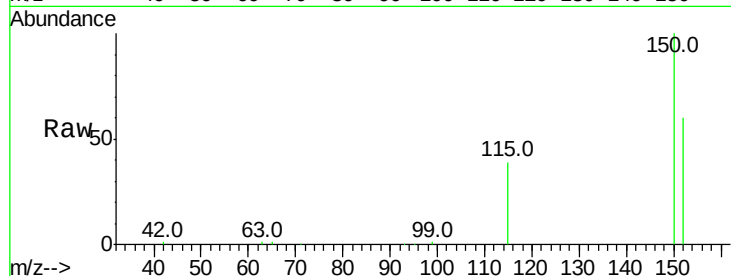
Tot Ion:152 Resp: 20922

Ion Ratio Lower Upper

152 100

150 166.6 134.2 201.2

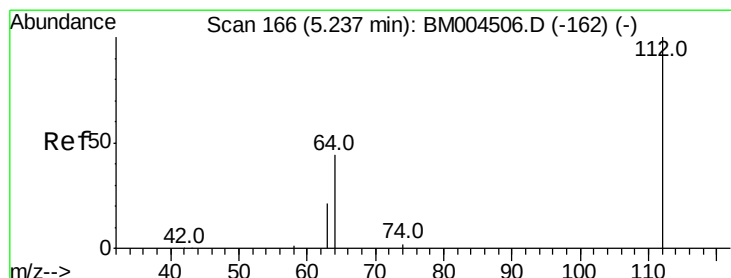
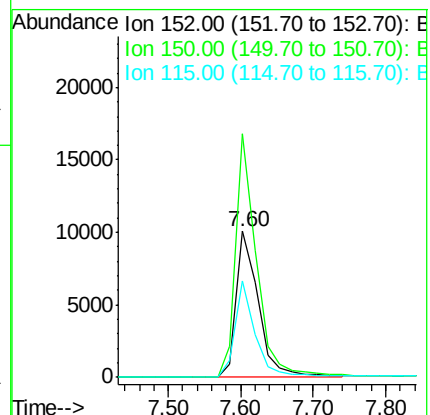
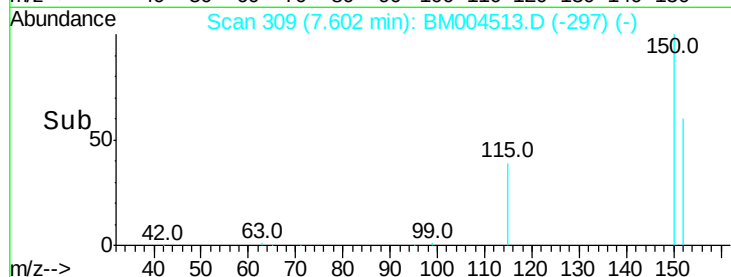
115 65.7 52.2 78.4



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



#4

2-Fluorophenol

Concen: 7.51 ng

RT: 5.21 min Scan# 164

Delta R.T. -0.03 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

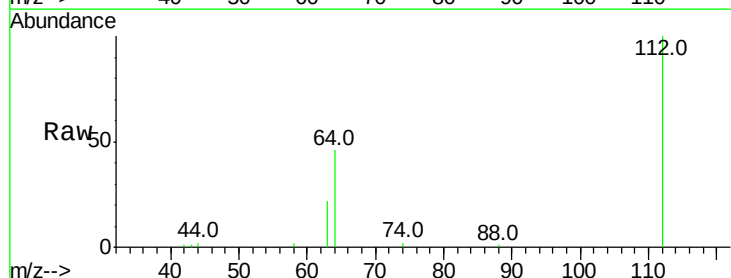
Tgt Ion:112 Resp: 32856

Ion Ratio Lower Upper

112 100

64 49.0 37.0 55.6

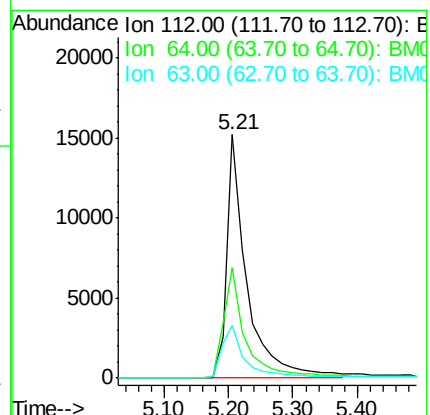
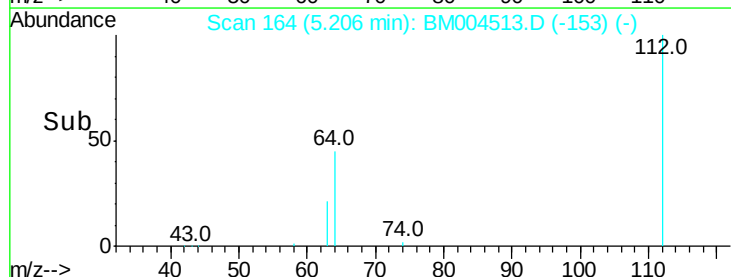
63 24.6 19.0 28.4

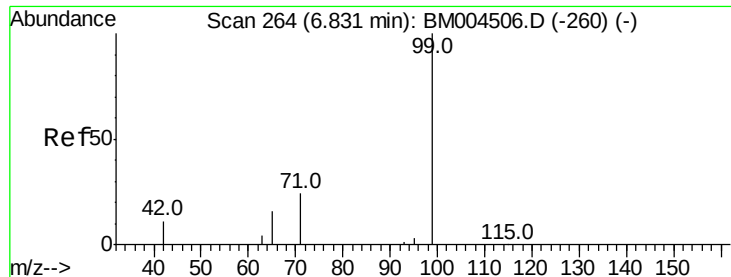


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 6.46 ng

RT: 6.80 min Scan# 262

Delta R.T. -0.03 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

Instrument :

BNA_M

ClientSampleId :

PB88423BL

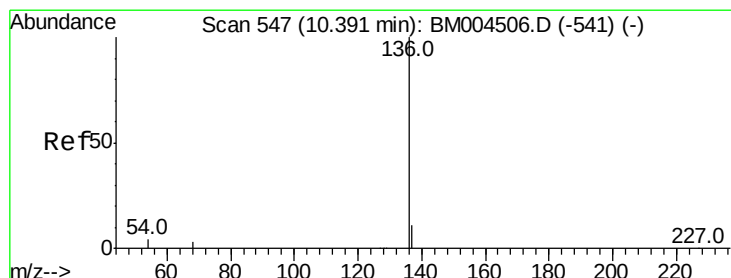
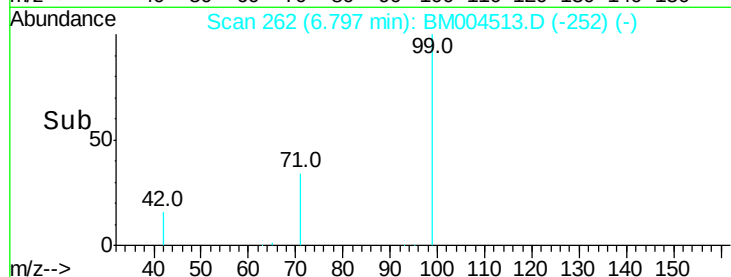
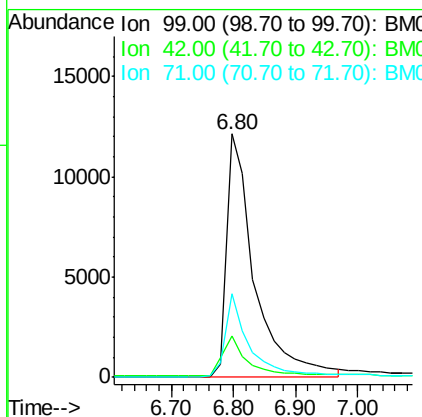
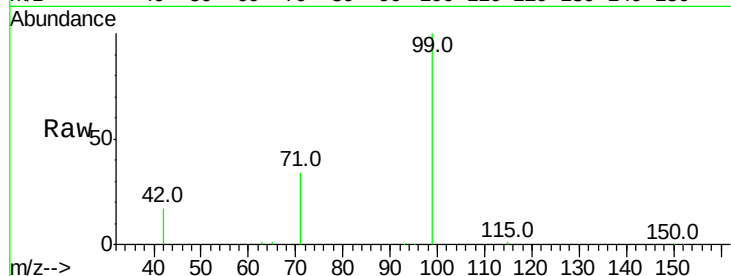
Tot Ion: 99 Resp: 37373

Ion Ratio Lower Upper

99 100

42 14.9 12.2 18.4

71 29.1 23.4 35.2



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. -0.00 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

Tgt Ion: 136 Resp: 75030

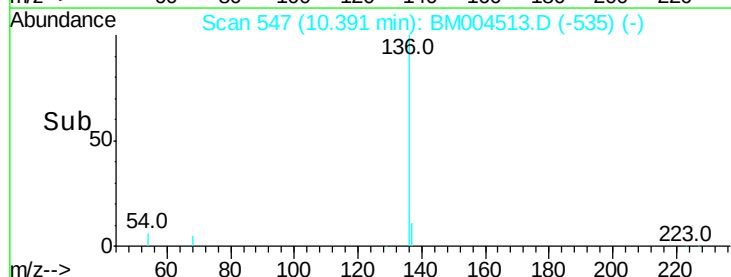
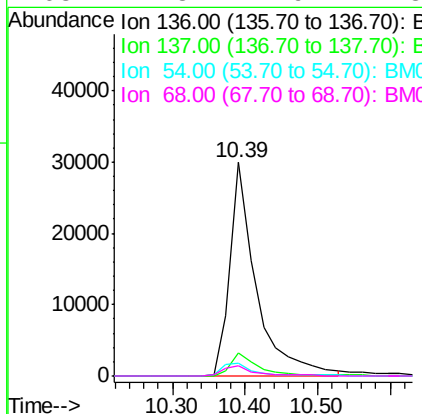
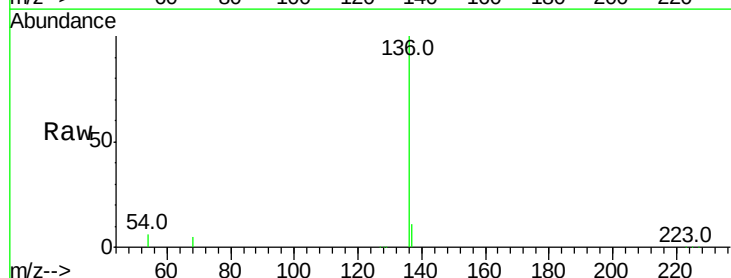
Ion Ratio Lower Upper

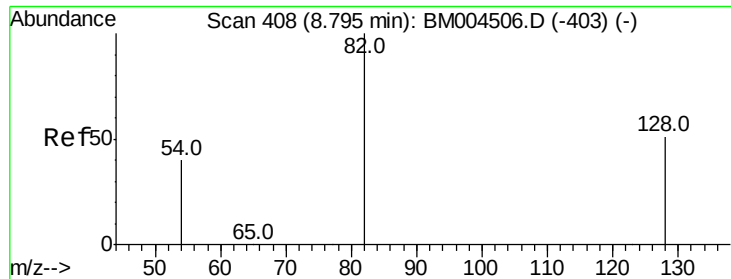
136 100

137 10.9 9.0 13.6

54 5.9 3.3 4.9#

68 4.8 2.9 4.3#





#8

Nitrobenzene-d5

Concen: 3.38 ng

RT: 8.79 min Scan# 408

Delta R.T. -0.00 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

Instrument :

BNA_M

ClientSampleId :

PB88423BL

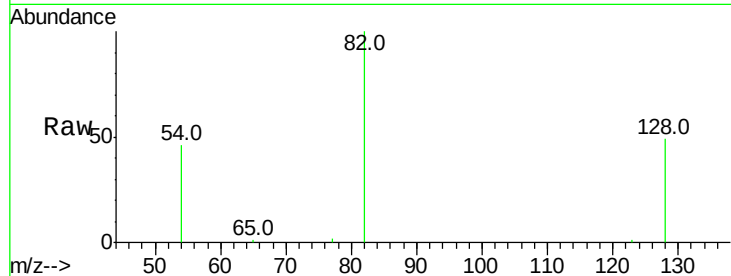
Tot Ion: 82 Resp: 13340

Ion Ratio Lower Upper

82 100

128 48.6 41.9 62.9

54 45.5 34.2 51.2

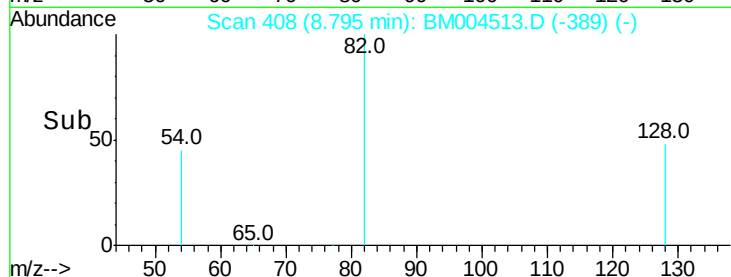


Abundance Ion 82.00 (81.70 to 82.70): BM004513.D (-389) (-)

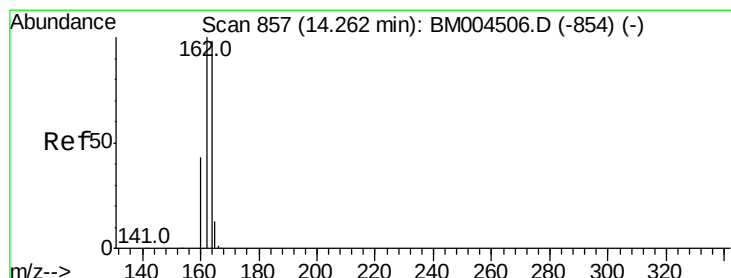
Ion 128.00 (127.70 to 128.70): BM004513.D (-389) (-)

Ion 54.00 (53.70 to 54.70): BM004513.D (-389) (-)

Time-->



Time-->



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

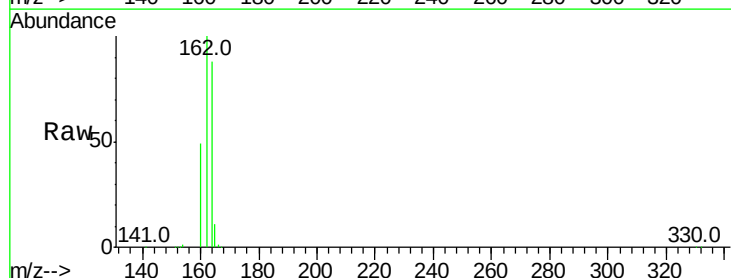
Tgt Ion: 164 Resp: 36913

Ion Ratio Lower Upper

164 100

162 113.1 81.6 122.4

160 55.8 34.9 52.3#

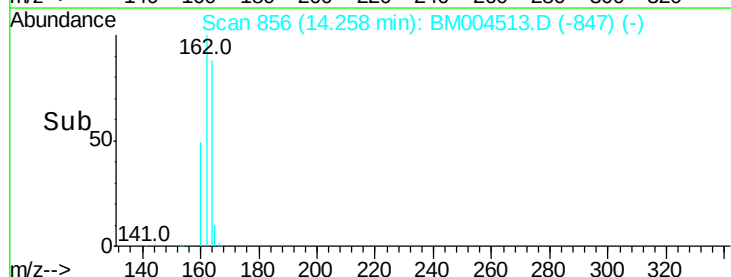


Abundance Ion 164.00 (163.70 to 164.70): BM004513.D (-847) (-)

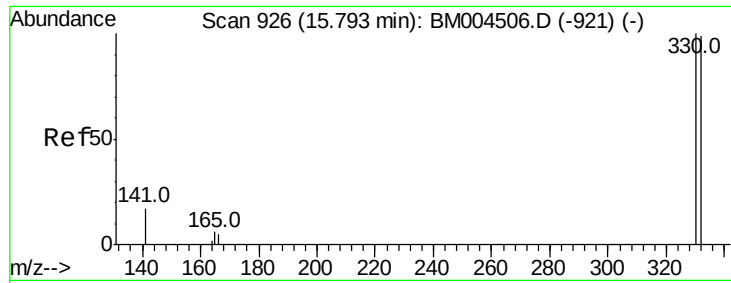
Ion 162.00 (161.70 to 162.70): BM004513.D (-847) (-)

Ion 160.00 (159.70 to 160.70): BM004513.D (-847) (-)

Time-->



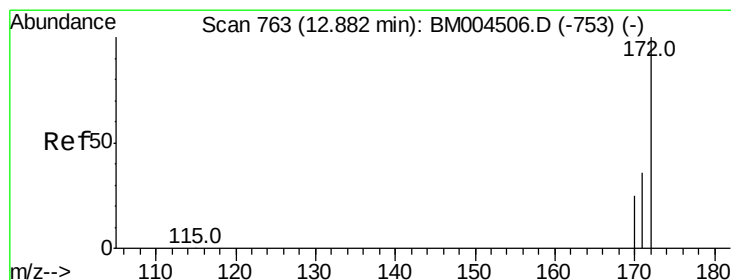
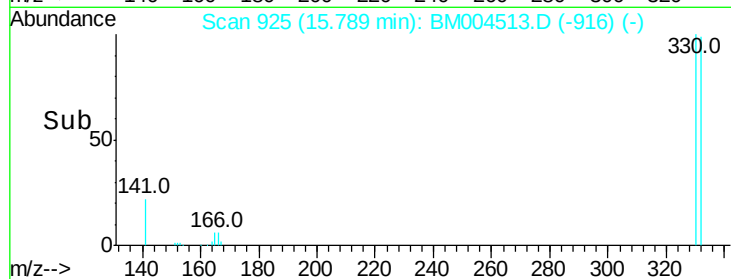
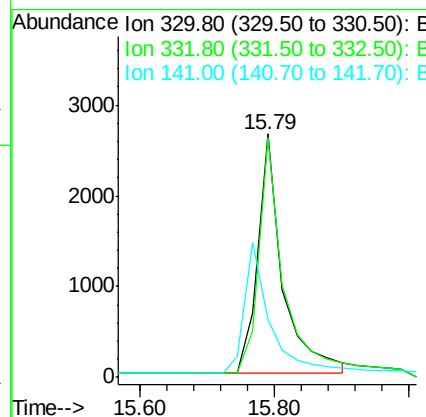
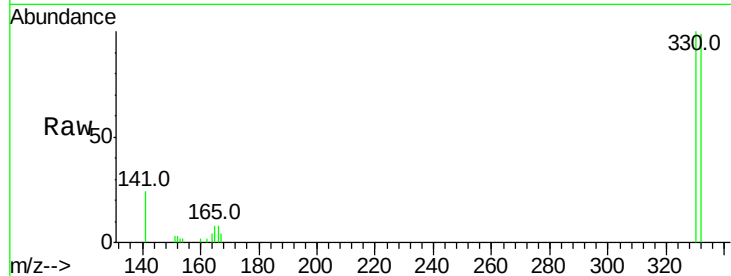
Time-->



#14
2,4,6-Tribromophenol
Concen: 5.14 ng
RT: 15.79 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

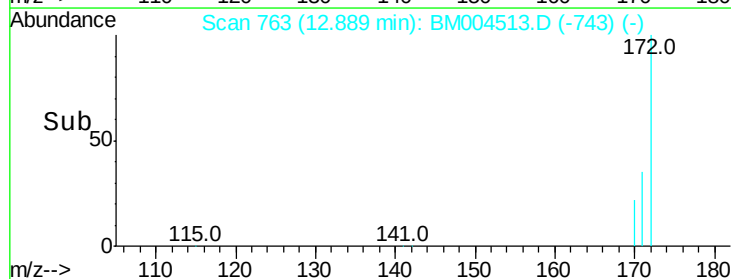
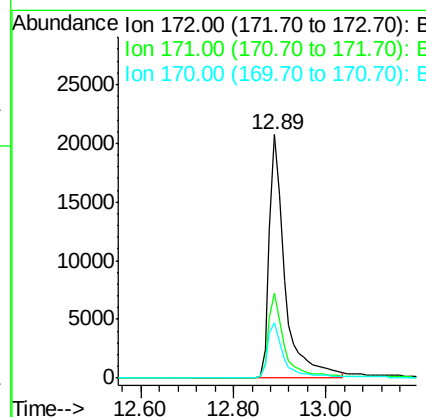
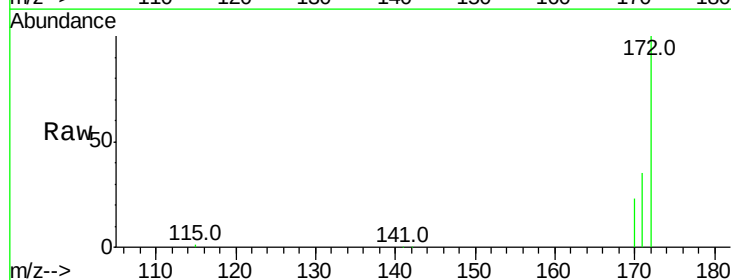
Instrument :
BNA_M
ClientSampleId :
PB88423BL

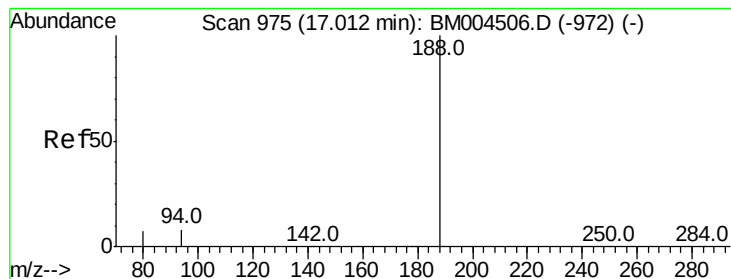
Tot Ion:330 Resp: 6873
Ion Ratio Lower Upper
330 100
332 96.5 76.6 114.8
141 0.0 0.0 0.0



#15
2-Fluorobiphenyl
Concen: 4.20 ng
RT: 12.89 min Scan# 763
Delta R.T. 0.01 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion:172 Resp: 48284
Ion Ratio Lower Upper
172 100
171 34.7 29.5 44.3
170 22.6 20.2 30.2





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.03 min Scan# 975

Delta R.T. 0.02 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

Instrument :

BNA_M

ClientSampleId :

PB88423BL

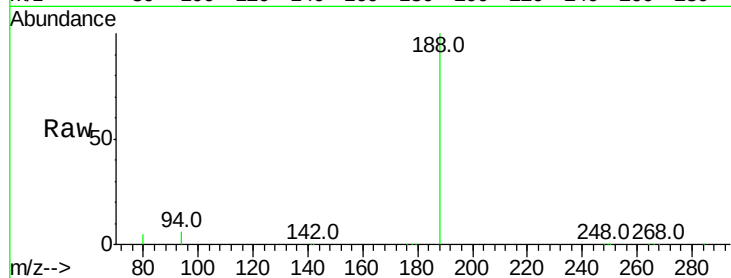
Tot Ion:188 Resp: 71559

Ion Ratio Lower Upper

188 100

94 5.5 6.3 9.5#

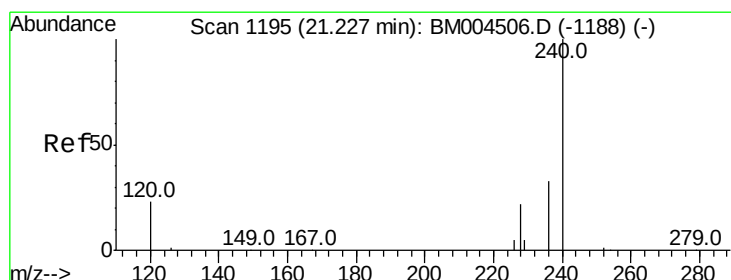
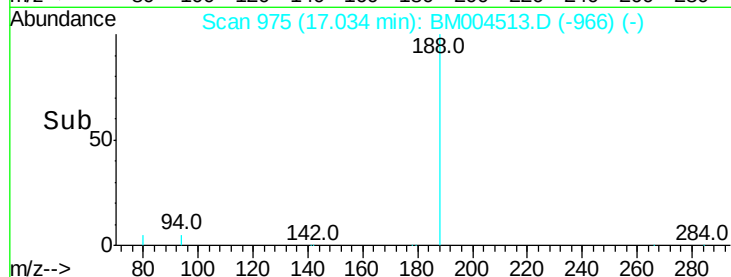
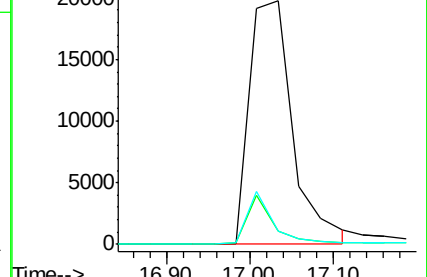
80 5.4 5.9 8.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.23 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

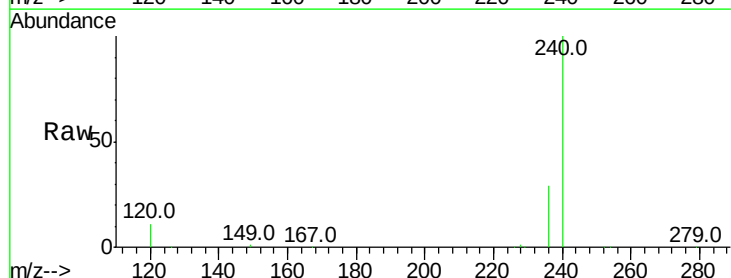
Tgt Ion:240 Resp: 82273

Ion Ratio Lower Upper

240 100

120 10.7 18.9 28.3#

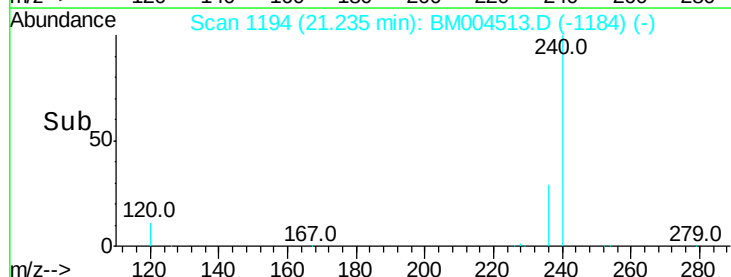
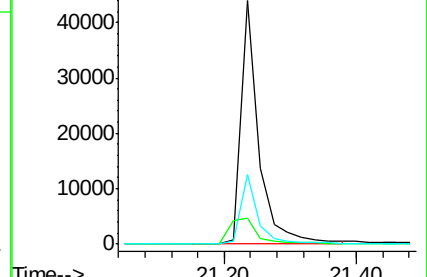
236 28.8 26.4 39.6

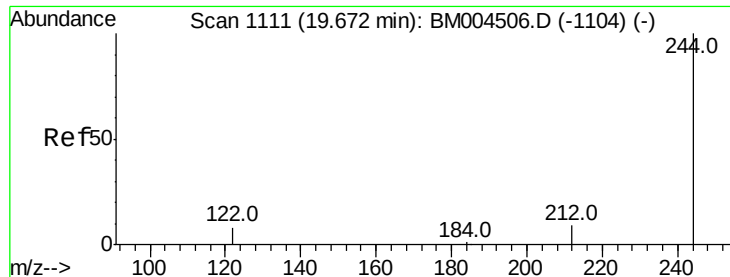


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 3.37 ng

RT: 19.68 min Scan# 1110

Delta R.T. 0.01 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

Instrument :

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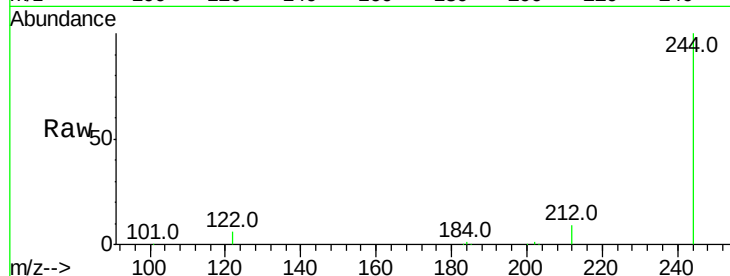
Tot Ion:244 Resp: 41593

Ion Ratio Lower Upper

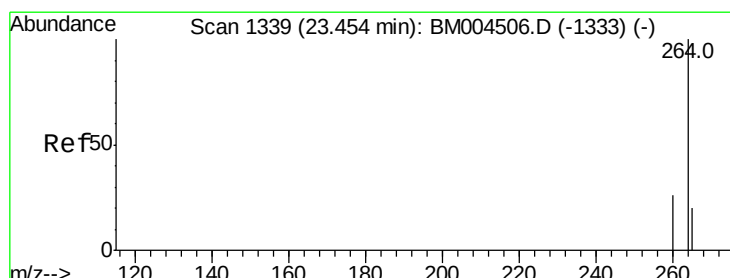
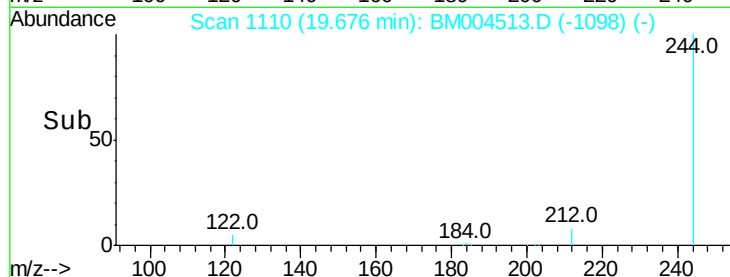
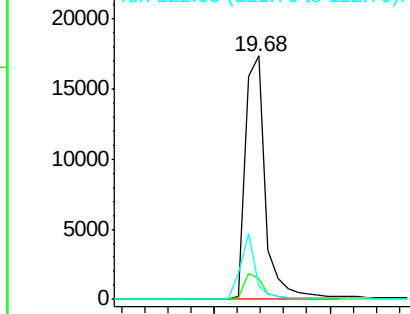
244 100

212 8.6 7.8 11.6

122 5.7 7.0 10.4#



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



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.46 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

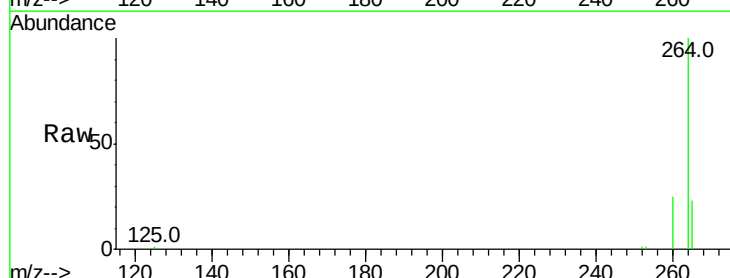
Tgt Ion:264 Resp: 74513

Ion Ratio Lower Upper

264 100

260 24.8 21.2 31.8

265 22.8 17.4 26.0



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

