

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010816\
 Data File : BM003928.D
 Acq On : 08 Jan 2016 18:34
 Operator : SJ/UM
 Sample : H1018-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OUTFALL001-160105

Quant Time: Jan 09 00:58:42 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM010216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 13:33:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	42283	5.00	ng	0.00
7) Naphthalene-d8	10.46	136	173684	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	84476	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	204170	5.00	ng	0.00
26) Chrysene-d12	21.27	240	120829	5.00	ng	0.00
35) Perylene-d12	23.51	264	94424	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	19421	2.24	ng	0.00
5) Phenol-d6	6.85	99	12813	1.21	ng	0.00
8) Nitrobenzene-d5	8.84	82	29559	3.46	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	13765	5.50	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	113214	4.16	ng	0.00
29) Terphenyl-d14	19.71	244	85736	4.38	ng	-0.02

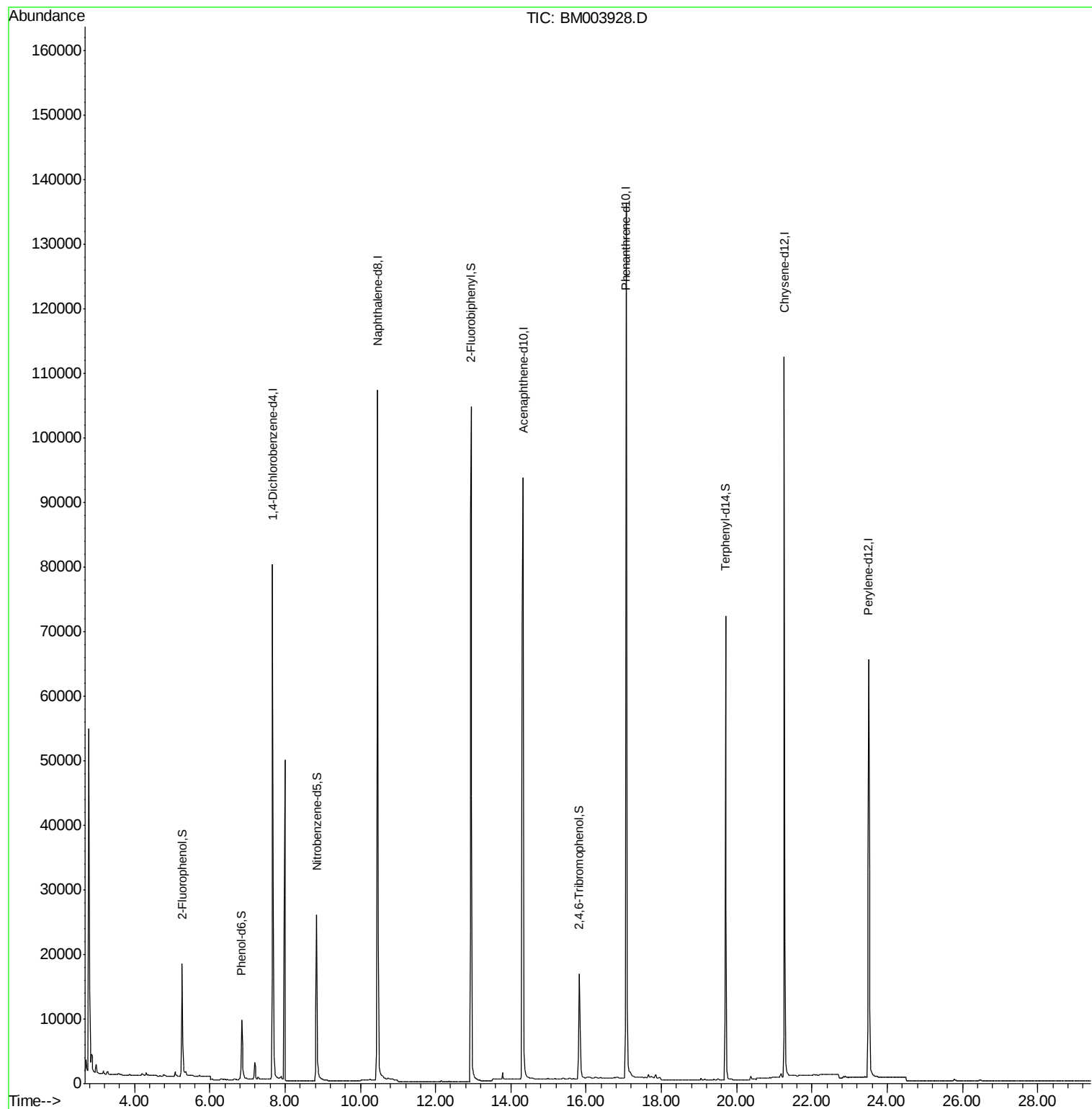
Target Compounds Qvalue

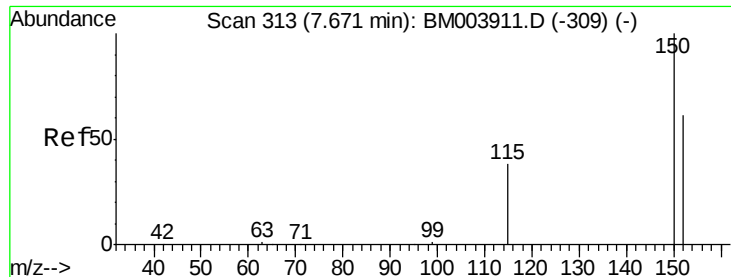
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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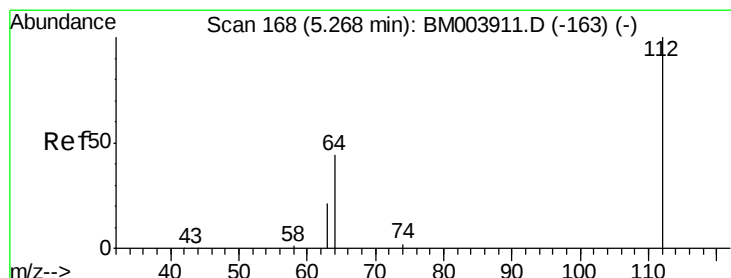
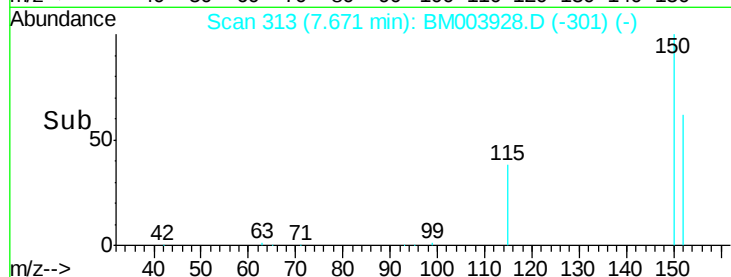
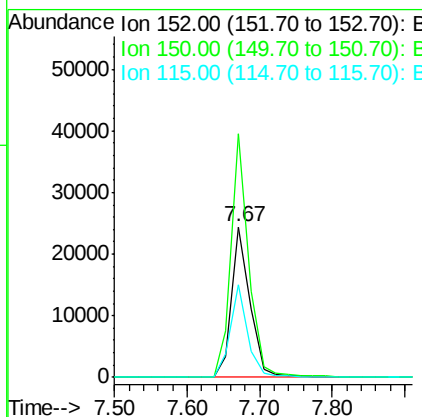
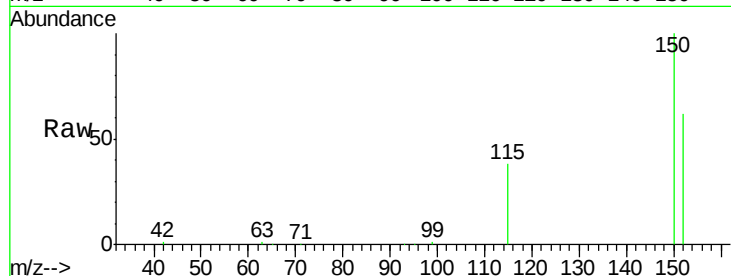


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. 0.00 min
Lab File: BM003928.D
Acq: 08 Jan 2016 18:34

Instrument :
BNA_M
ClientSampleId :
OUTFALL001-160105

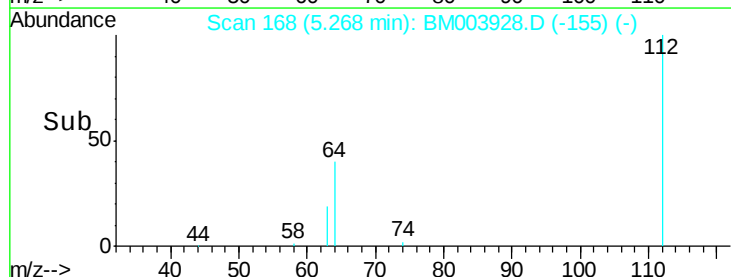
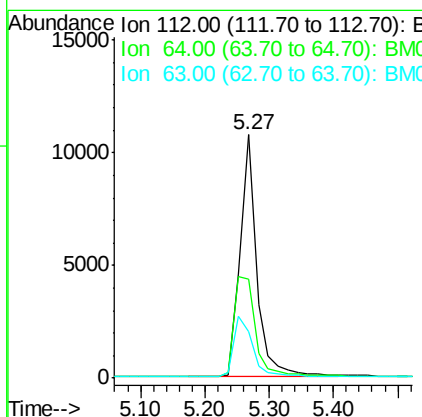
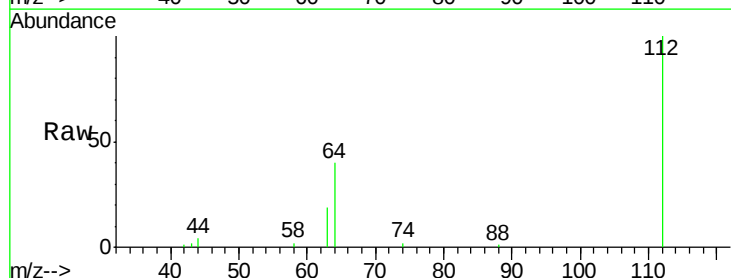
Tot Ion:152 Resp: 42283
Ion Ratio Lower Upper
152 100
150 161.7 122.9 184.3
115 61.1 44.4 66.6

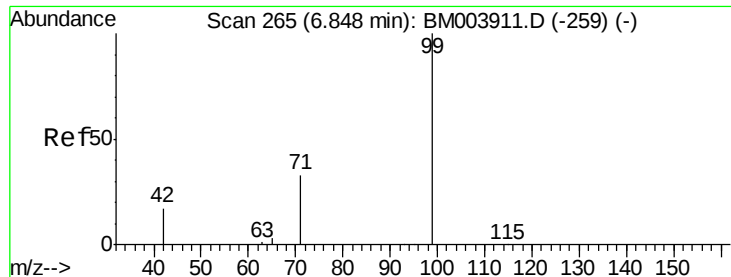


#4

2-Fluorophenol
Concen: 2.24 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM003928.D
Acq: 08 Jan 2016 18:34

Tgt Ion:112 Resp: 19421
Ion Ratio Lower Upper
112 100
64 52.9 41.8 62.8
63 28.0 22.1 33.1





#5

Phenol-d6

Concen: 1.21 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM003928.D

Acq: 08 Jan 2016 18:34

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-160105

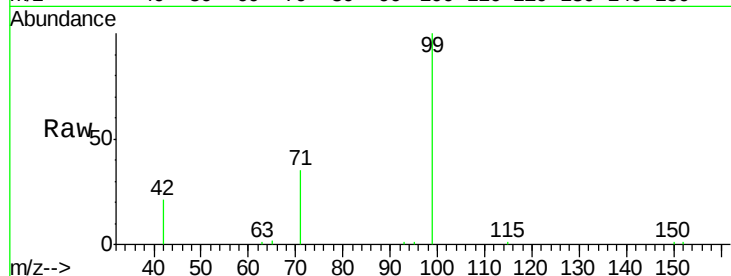
Tot Ion: 99 Resp: 12813

Ion Ratio Lower Upper

99 100

42 19.5 16.2 24.2

71 31.2 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003928.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM003928.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM003928.D (-253) (-)

6.85

8000

6000

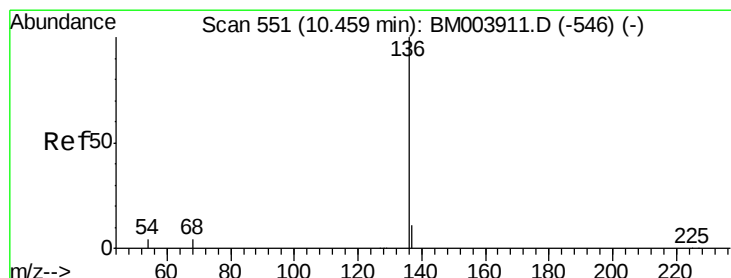
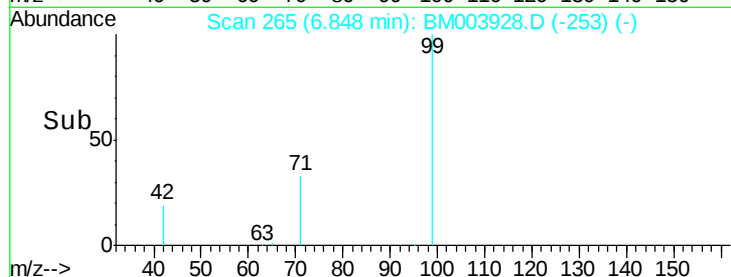
4000

2000

0

6.70 6.80 6.90 7.00

Time-->



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM003928.D

Acq: 08 Jan 2016 18:34

Tgt Ion: 136 Resp: 173684

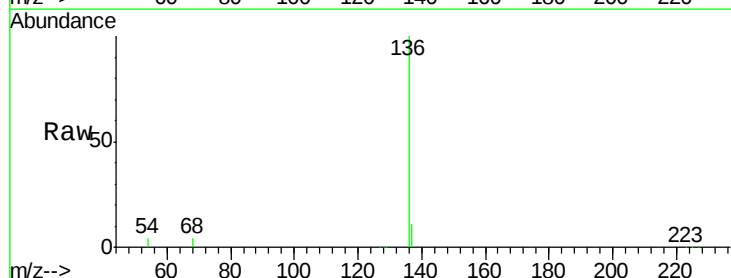
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 4.5 2.8 4.2#

68 3.7 2.5 3.7



Abundance Ion 136.00 (135.70 to 136.70): BM003928.D (-539) (-)

Ion 137.00 (136.70 to 137.70): BM003928.D (-539) (-)

Ion 54.00 (53.70 to 54.70): BM003928.D (-539) (-)

Ion 68.00 (67.70 to 68.70): BM003928.D (-539) (-)

10.46

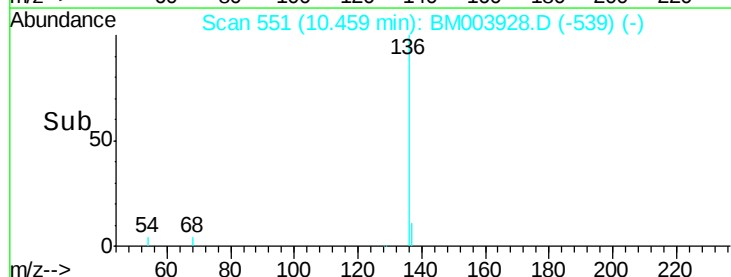
100000

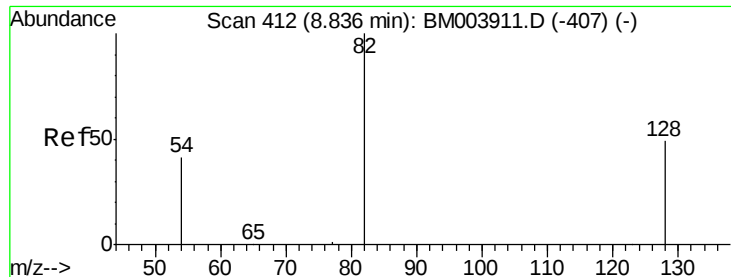
50000

0

10.40 10.60

Time-->





#8

Nitrobenzene-d5

Concen: 3.46 ng

RT: 8.84 min Scan# 412

Delta R.T. 0.00 min

Lab File: BM003928.D

Acq: 08 Jan 2016 18:34

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-160105

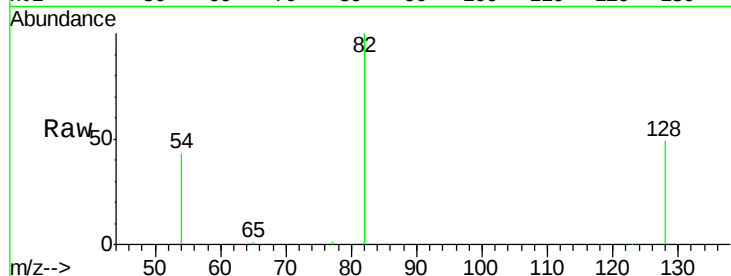
Tot Ion: 82 Resp: 29559

Ion Ratio Lower Upper

82 100

128 49.0 39.1 58.7

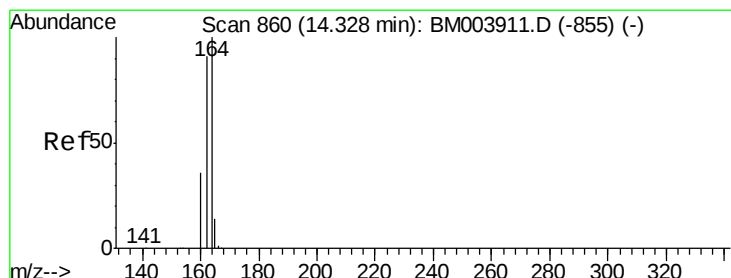
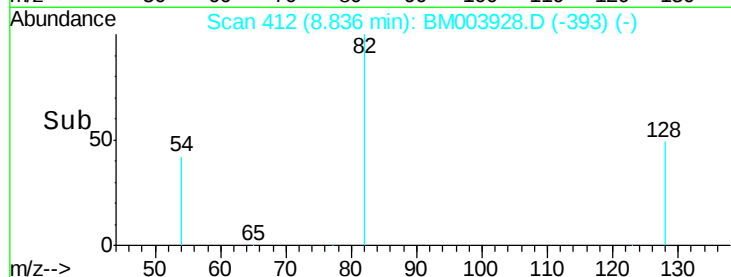
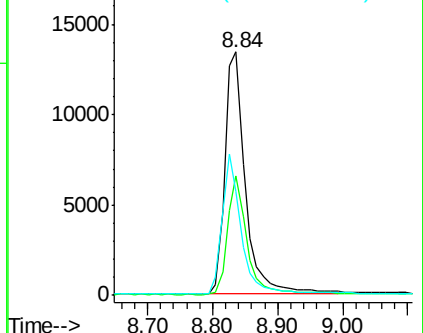
54 42.6 34.8 52.2



Abundance Ion 82.00 (81.70 to 82.70): BM003911.D (-407) (-)

Ion 128.00 (127.70 to 128.70): BM003911.D (-407) (-)

Ion 54.00 (53.70 to 54.70): BM003911.D (-407) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM003928.D

Acq: 08 Jan 2016 18:34

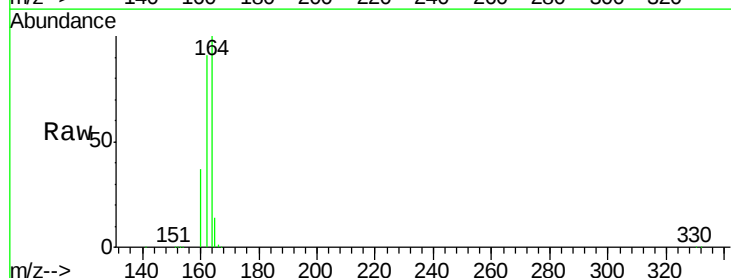
Tgt Ion: 164 Resp: 84476

Ion Ratio Lower Upper

164 100

162 90.8 86.0 129.0

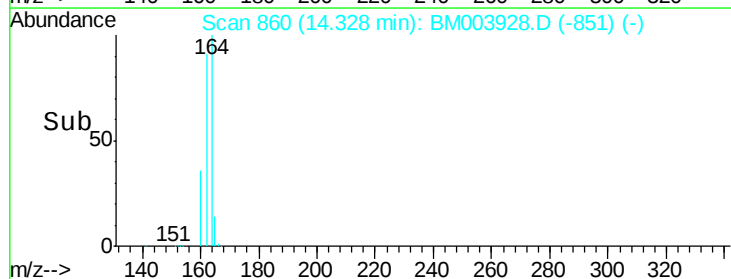
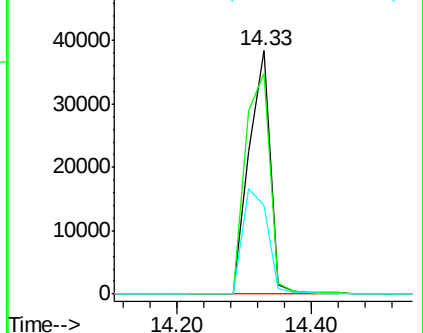
160 36.5 40.3 60.5#

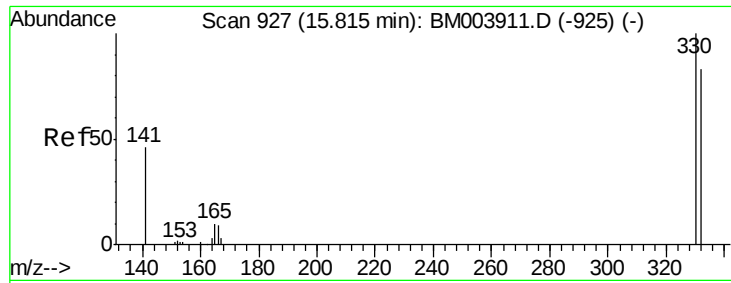


Abundance Ion 164.00 (163.70 to 164.70): BM003911.D (-855) (-)

Ion 162.00 (161.70 to 162.70): BM003911.D (-855) (-)

Ion 160.00 (159.70 to 160.70): BM003911.D (-855) (-)

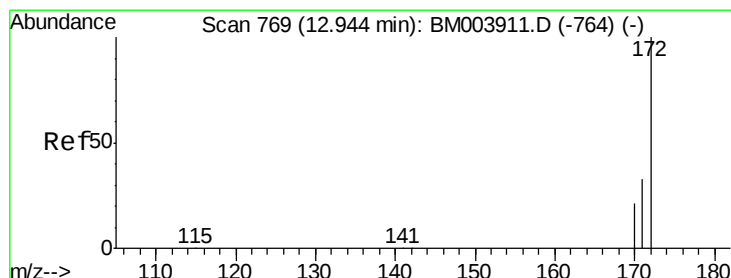
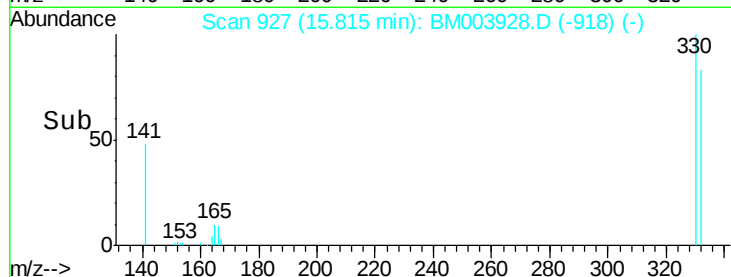
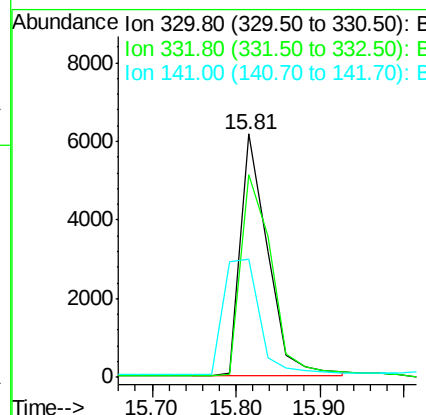
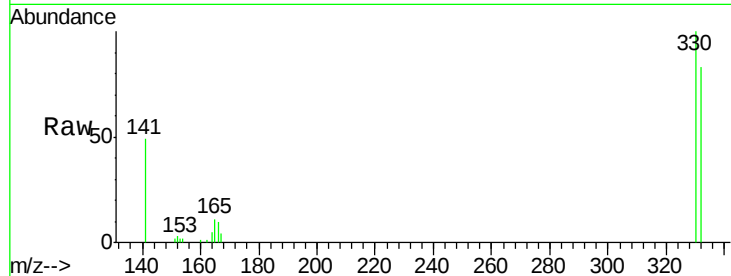




#14
 2,4,6-Tribromophenol
 Concen: 5.50 ng
 RT: 15.81 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BM003928.D
 Acq: 08 Jan 2016 18:34

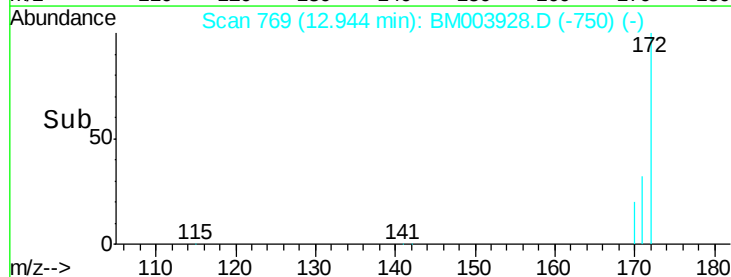
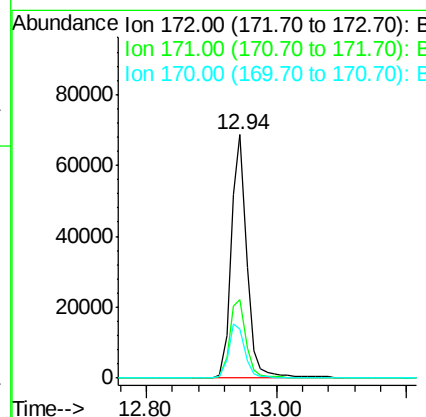
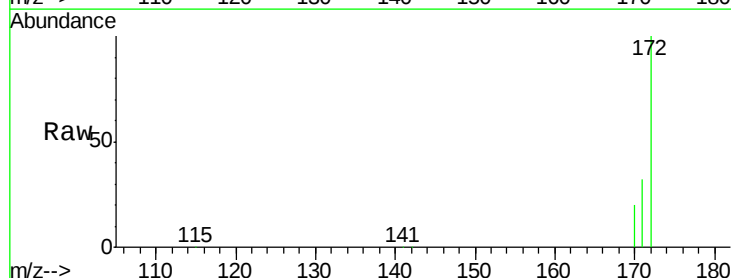
Instrument :
 BNA_M
 ClientSampleId :
 OUTFALL001-160105

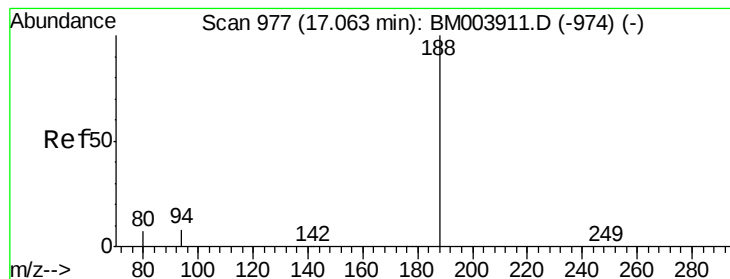
Tot Ion:330 Resp: 13765
 Ion Ratio Lower Upper
 330 100
 332 93.8 79.0 118.4
 141 64.0 0.0 0.0#



#15
 2-Fluorobiphenyl
 Concen: 4.16 ng
 RT: 12.94 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BM003928.D
 Acq: 08 Jan 2016 18:34

Tgt Ion:172 Resp: 113214
 Ion Ratio Lower Upper
 172 100
 171 32.1 27.0 40.6
 170 20.0 17.9 26.9





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM003928.D

Acq: 08 Jan 2016 18:34

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-160105

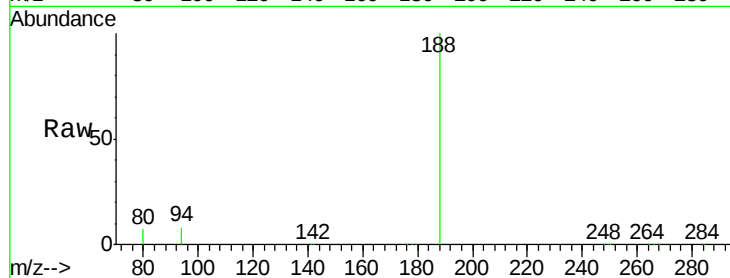
Tot Ion:188 Resp: 204170

Ion Ratio Lower Upper

188 100

94 7.5 20.3 30.5#

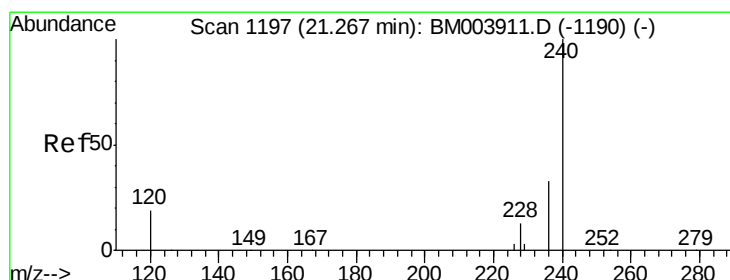
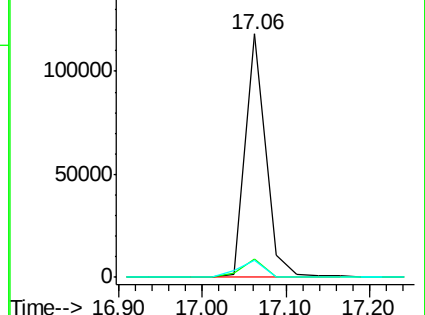
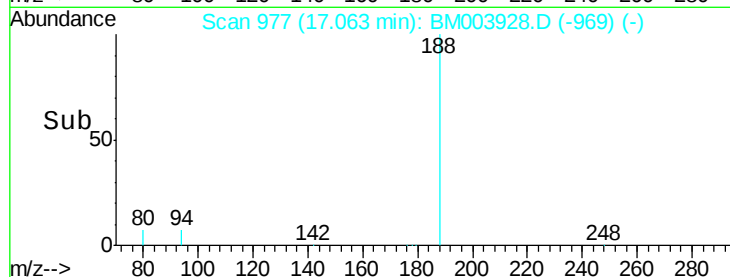
80 6.9 22.2 33.4#



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: 21.27 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM003928.D

Acq: 08 Jan 2016 18:34

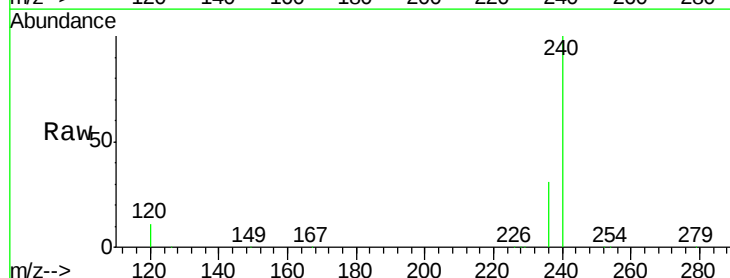
Tgt Ion:240 Resp: 120829

Ion Ratio Lower Upper

240 100

120 11.3 0.9 1.3#

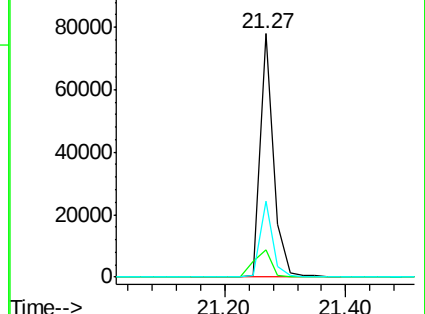
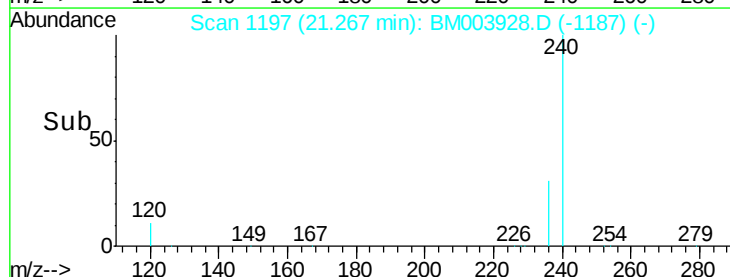
236 31.1 17.3 25.9#

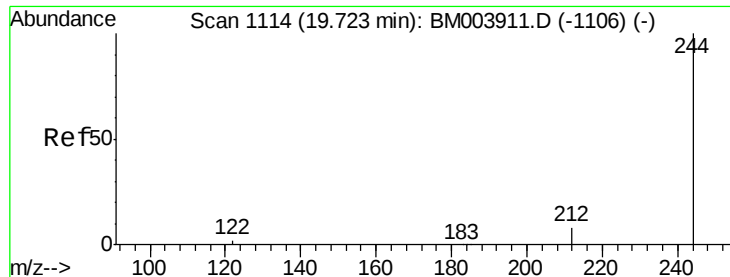


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 4.38 ng

RT: 19.71 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BM003928.D

Acq: 08 Jan 2016 18:34

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-160105

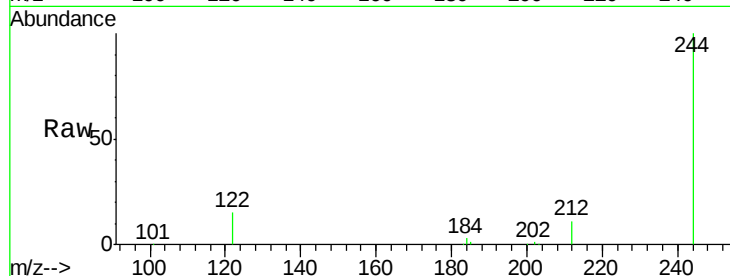
Tot Ion:244 Resp: 85736

Ion Ratio Lower Upper

244 100

212 11.0 7.0 10.6#

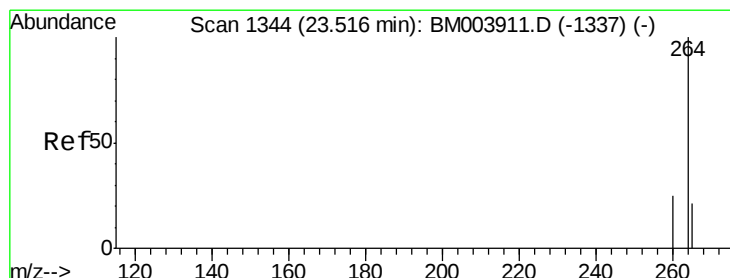
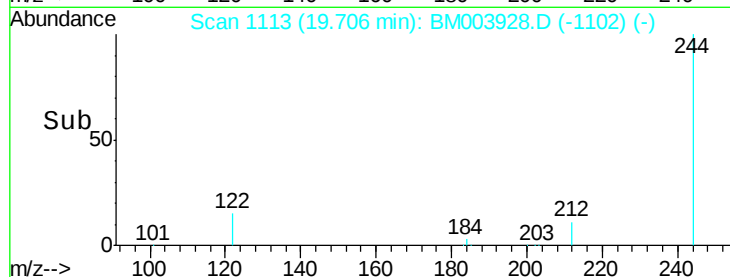
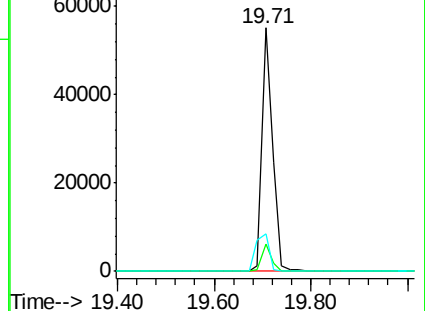
122 15.3 3.0 4.6#



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: 23.51 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM003928.D

Acq: 08 Jan 2016 18:34

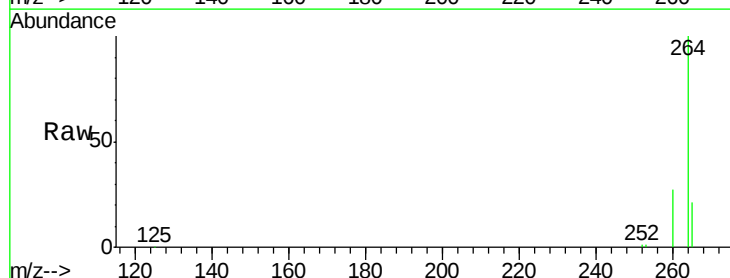
Tgt Ion:264 Resp: 94424

Ion Ratio Lower Upper

264 100

260 26.8 21.2 31.8

265 20.6 16.7 25.1



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

