

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030516\
 Data File : BM004570.D
 Acq On : 05 Mar 2016 23:31
 Operator : SJ/UM
 Sample : H1667-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OUTFALL001-160302

Quant Time: Mar 07 08:03:47 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM030516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 07 07:54:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	22851	5.00	ng	0.00
7) Naphthalene-d8	10.06	136	84689	5.00	ng	0.00
13) Acenaphthene-d10	13.97	164	45234	5.00	ng	0.00
19) Phenanthrene-d10	16.73	188	106540	5.00	ng	0.00
25) Chrysene-d12	20.98	240	96064	5.00	ng	0.00
34) Perylene-d12	23.08	264	90525	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.01	112	12165	2.25	ng	0.00
5) Phenol-d6	6.64	99	7637	1.18	ng	0.02
8) Nitrobenzene-d5	8.48	82	17426	3.85	ng	0.01
14) 2,4,6-Tribromophenol	15.50	330	13273	7.80	ng	0.00
15) 2-Fluorobiphenyl	12.58	172	65584	4.52	ng	0.00
28) Terphenyl-d14	19.41	244	65481	4.52	ng	0.00

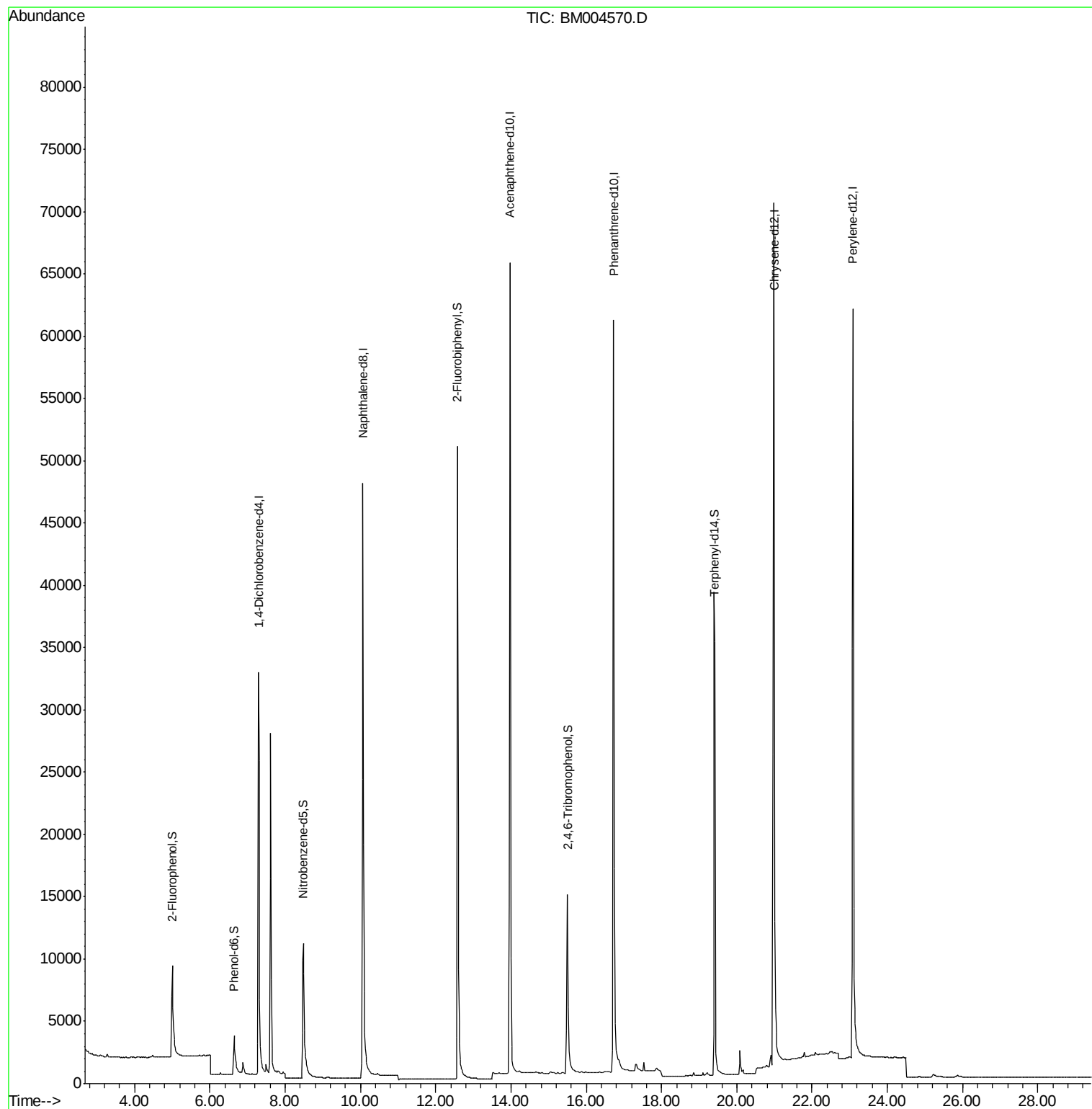
Target Compounds	Qvalue
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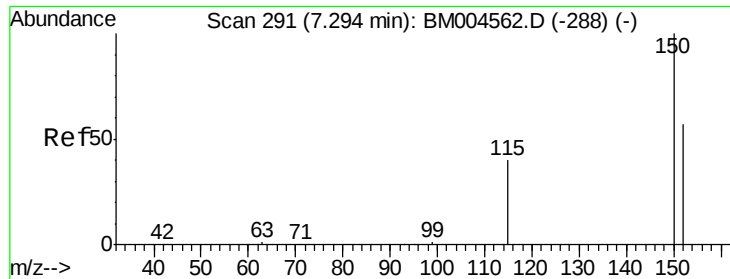
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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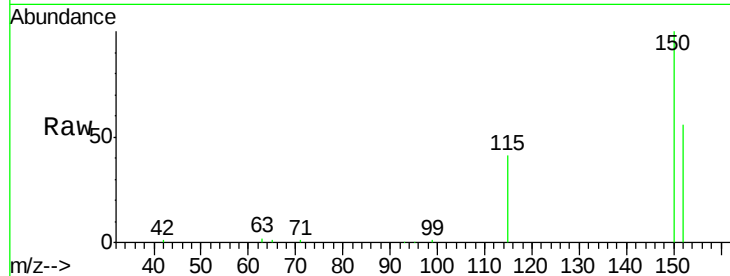


#1

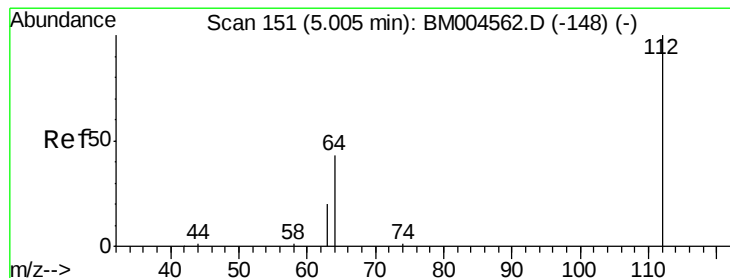
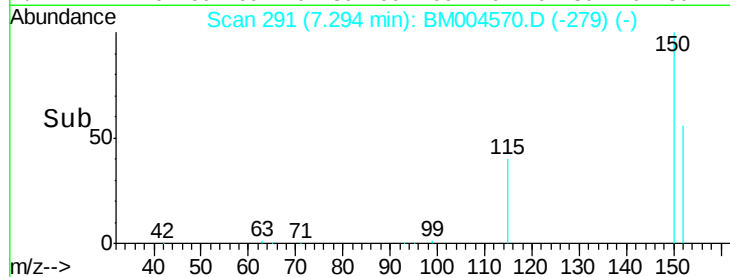
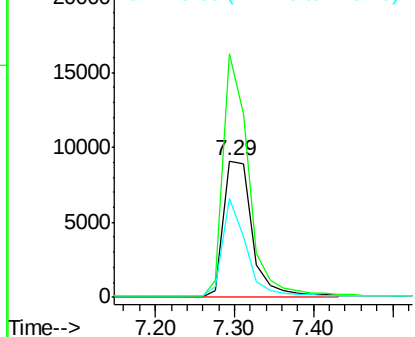
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.29 min Scan# 291
Delta R.T. 0.00 min
Lab File: BM004570.D
Acq: 05 Mar 2016 23:31

Instrument :
BNA_M
ClientSampleId :
OUTFALL001-160302

Tgt Ion:152 Resp: 22851
Ion Ratio Lower Upper
152 100
150 178.5 140.1 210.1
115 72.8 56.1 84.1



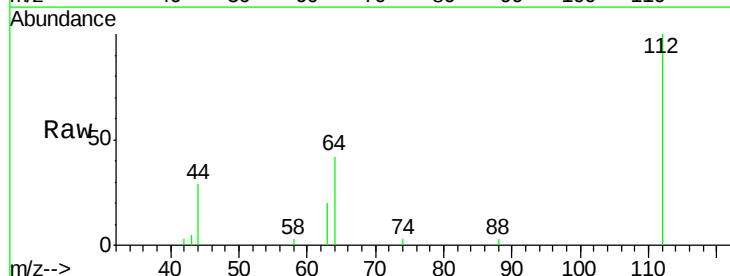
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



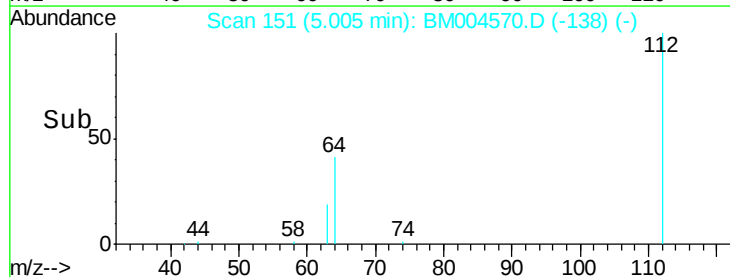
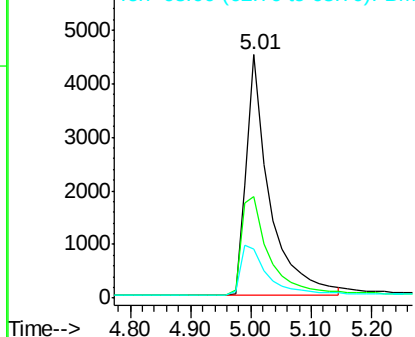
#4

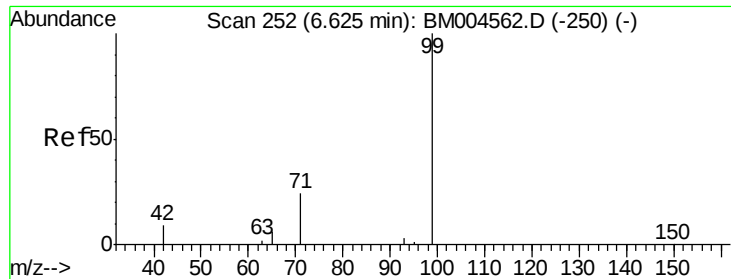
2-Fluorophenol
Concen: 2.25 ng
RT: 5.01 min Scan# 151
Delta R.T. 0.00 min
Lab File: BM004570.D
Acq: 05 Mar 2016 23:31

Tgt Ion:112 Resp: 12165
Ion Ratio Lower Upper
112 100
64 48.4 0.0 0.0#
63 23.6 0.0 0.0#



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: 1.18 ng

RT: 6.64 min Scan# 253

Delta R.T. 0.02 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-160302

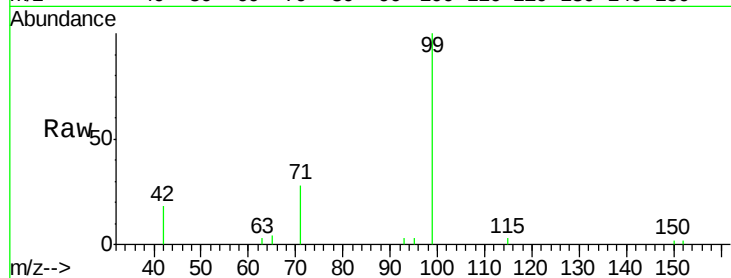
Tgt Ion: 99 Resp: 7637

Ion Ratio Lower Upper

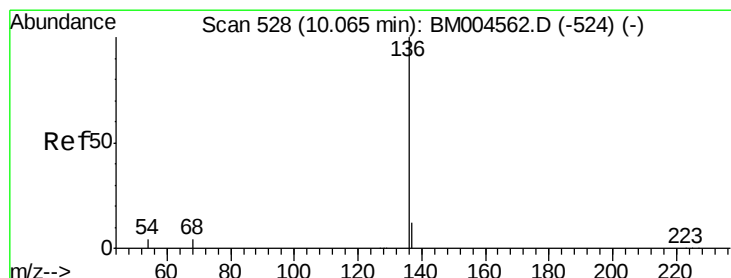
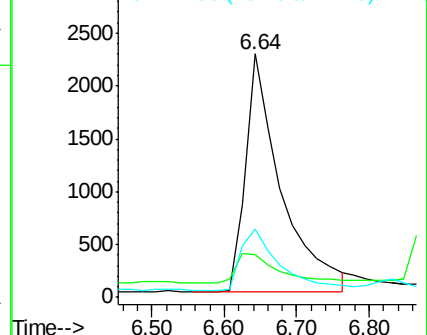
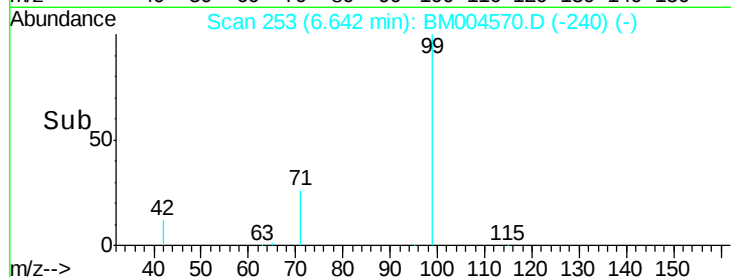
99 100

42 14.4 0.0 0.0#

71 28.3 0.2 0.2#



Abundance Ion 99.00 (98.70 to 99.70): BM004570.D (-240) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.06 min Scan# 528

Delta R.T. 0.00 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

Tgt Ion: 136 Resp: 84689

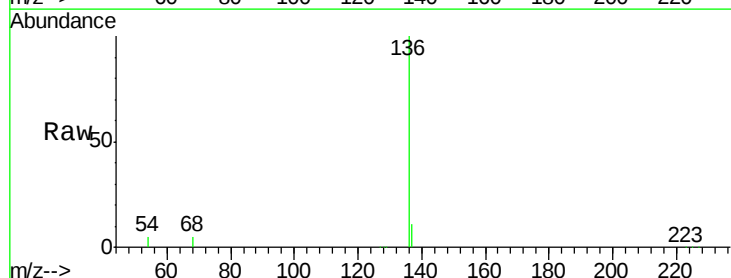
Ion Ratio Lower Upper

136 100

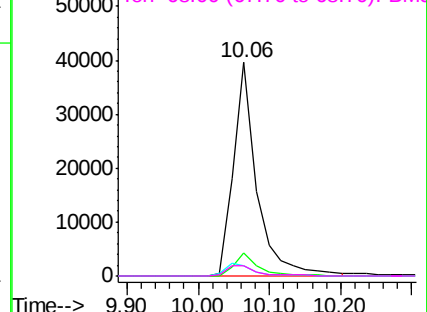
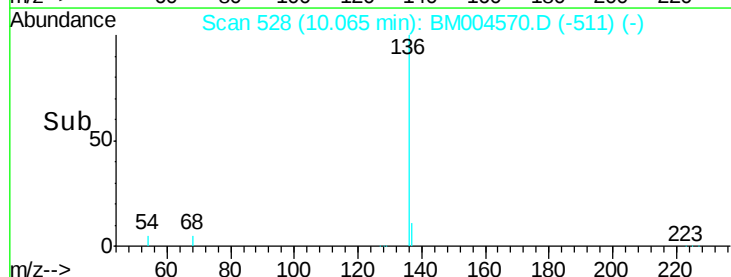
137 11.1 9.2 13.8

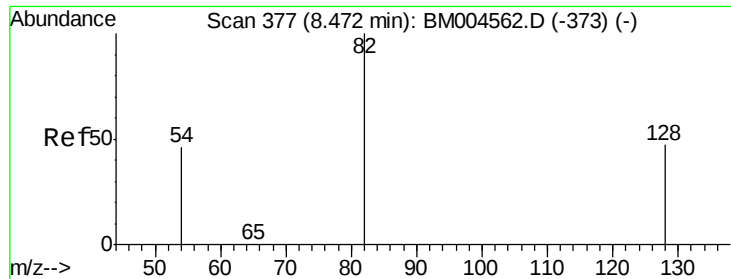
54 5.1 3.0 4.4#

68 4.7 2.9 4.3#



Abundance Ion 136.00 (135.70 to 136.70): BM004570.D (-511) (-)





#8

Nitrobenzene-d5

Concen: 3.85 ng

RT: 8.48 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-160302

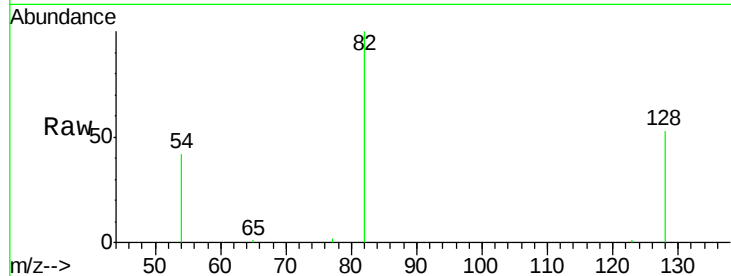
Tgt Ion: 82 Resp: 17426

Ion Ratio Lower Upper

82 100

128 53.4 38.6 58.0

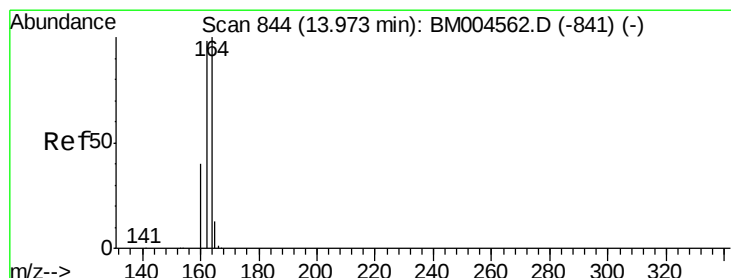
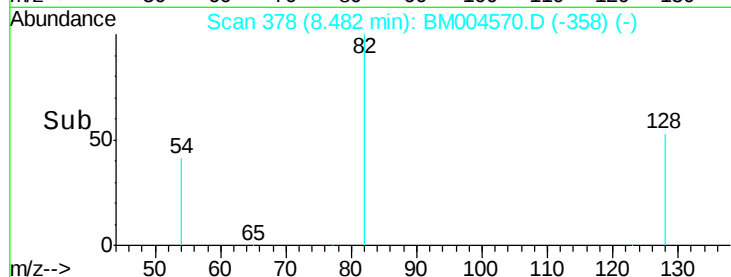
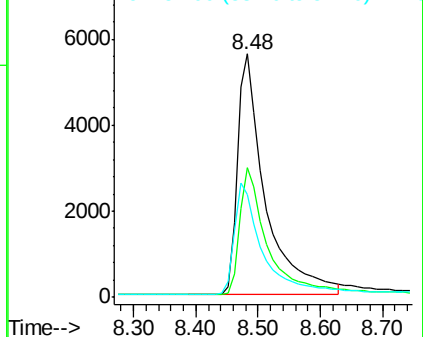
54 42.1 38.5 57.7



Abundance Ion 82.00 (81.70 to 82.70): BM004570.D (-378) (-)

Ion 128.00 (127.70 to 128.70): BM004570.D (-378) (-)

Ion 54.00 (53.70 to 54.70): BM004570.D (-378) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.97 min Scan# 844

Delta R.T. 0.00 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

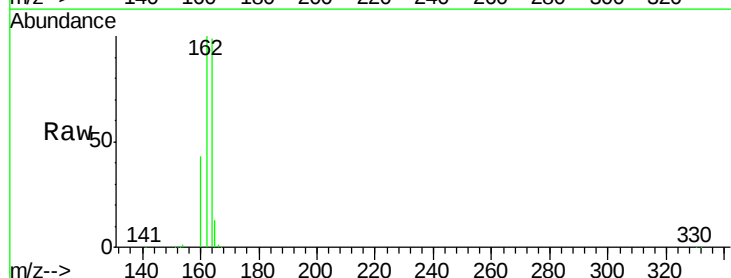
Tgt Ion: 164 Resp: 45234

Ion Ratio Lower Upper

164 100

162 101.5 78.2 117.2

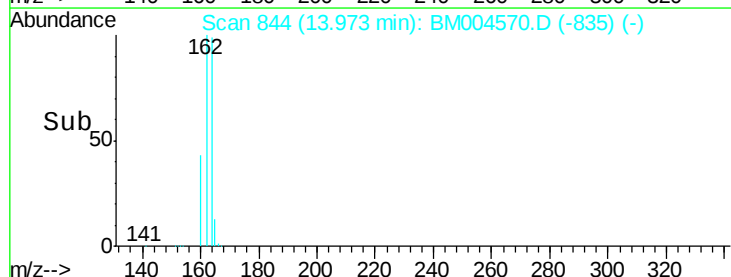
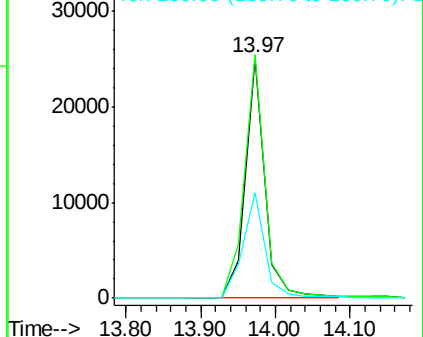
160 43.7 31.9 47.9

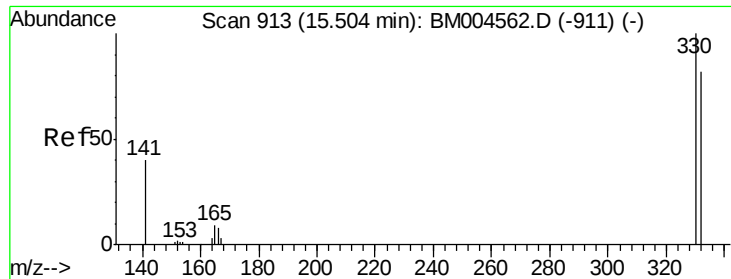


Abundance Ion 164.00 (163.70 to 164.70): BM004570.D (-835) (-)

Ion 162.00 (161.70 to 162.70): BM004570.D (-835) (-)

Ion 160.00 (159.70 to 160.70): BM004570.D (-835) (-)

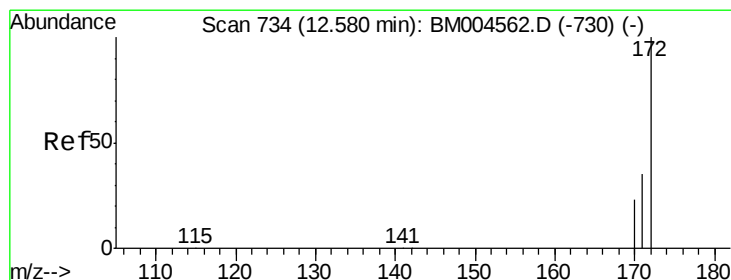
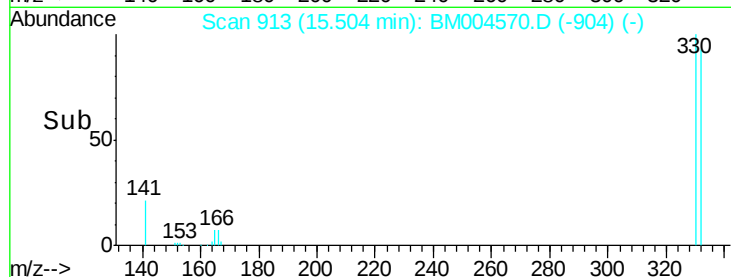
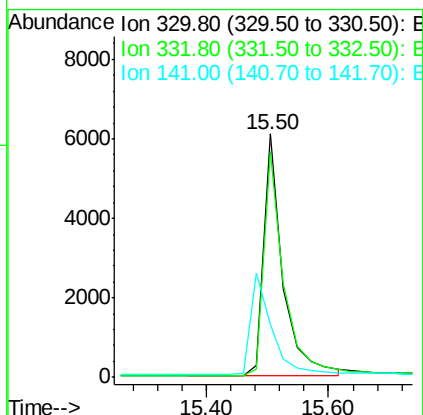
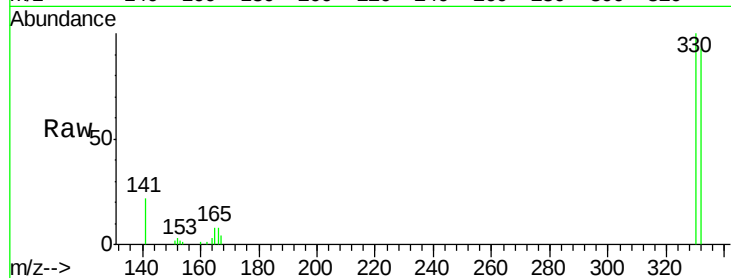




#14
2,4,6-Tribromophenol
Concen: 7.80 ng
RT: 15.50 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM004570.D
Acq: 05 Mar 2016 23:31

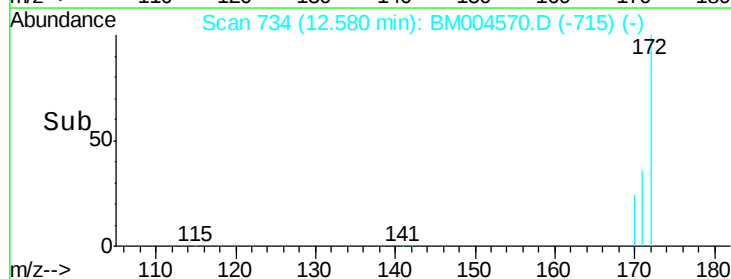
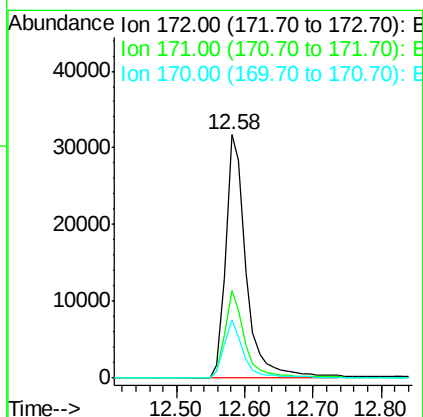
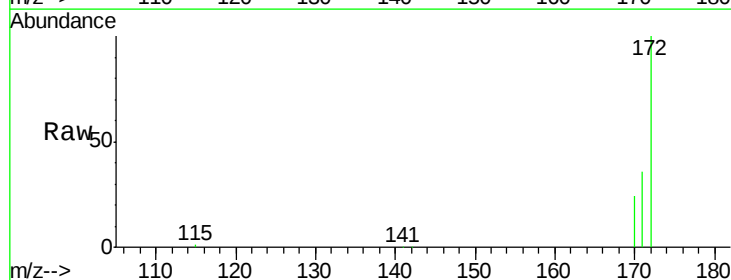
Instrument :
BNA_M
ClientSampleId :
OUTFALL001-160302

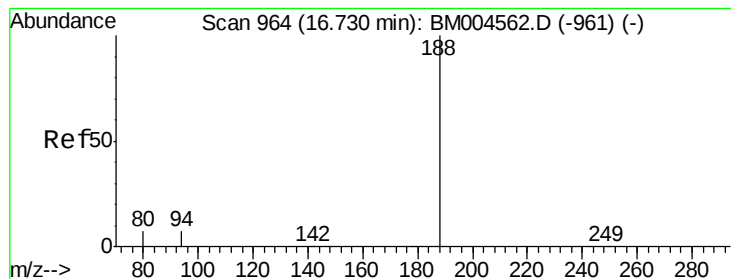
Tgt Ion:330 Resp: 13273
Ion Ratio Lower Upper
330 100
332 96.1 0.0 0.0#
141 0.0 0.0 0.0



#15
2-Fluorobiphenyl
Concen: 4.52 ng
RT: 12.58 min Scan# 734
Delta R.T. 0.00 min
Lab File: BM004570.D
Acq: 05 Mar 2016 23:31

Tgt Ion:172 Resp: 65584
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 24.1 19.1 28.7





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.73 min Scan# 964

Delta R.T. 0.00 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-160302

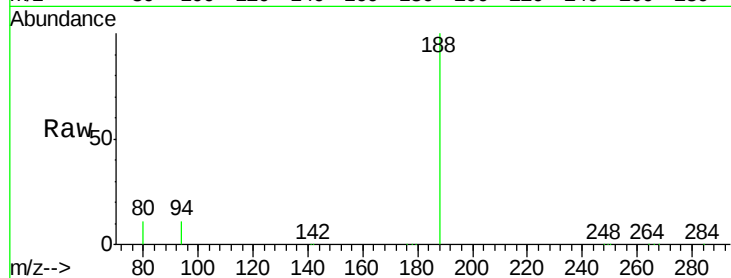
Tgt Ion:188 Resp: 106540

Ion Ratio Lower Upper

188 100

94 11.3 6.0 9.0#

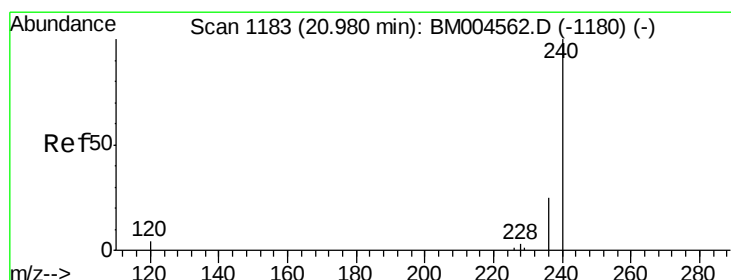
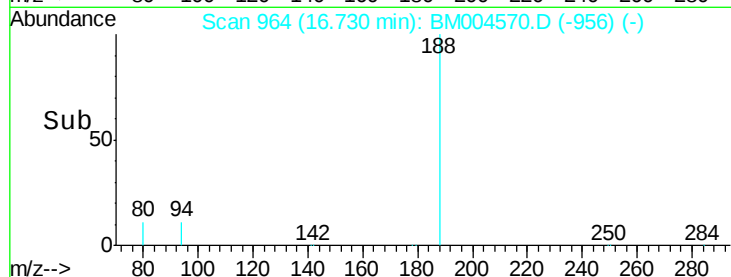
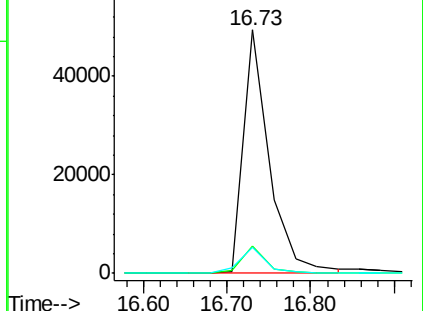
80 10.8 5.3 7.9#



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



#25

Chrysene-d12

Concen: 5.00 ng

RT: 20.98 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

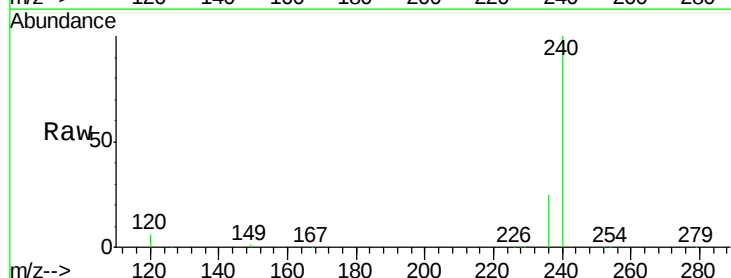
Tgt Ion:240 Resp: 96064

Ion Ratio Lower Upper

240 100

120 6.1 3.5 5.3#

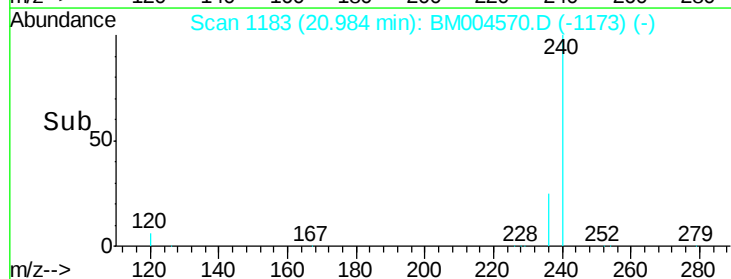
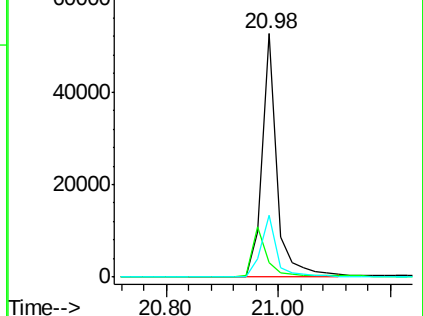
236 25.3 20.3 30.5

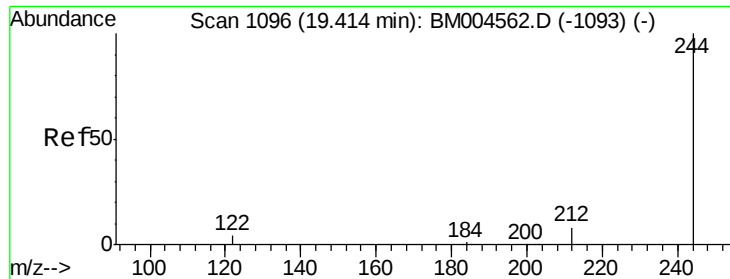


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 4.52 ng

RT: 19.41 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-160302

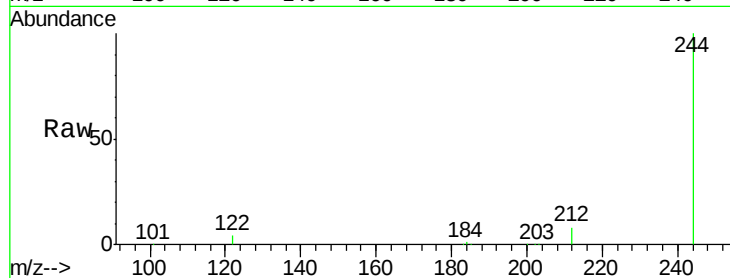
Tgt Ion:244 Resp: 65481

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

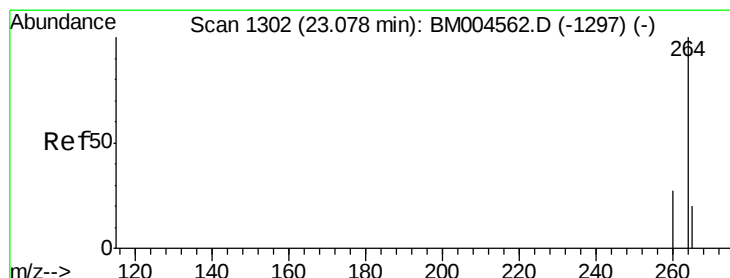
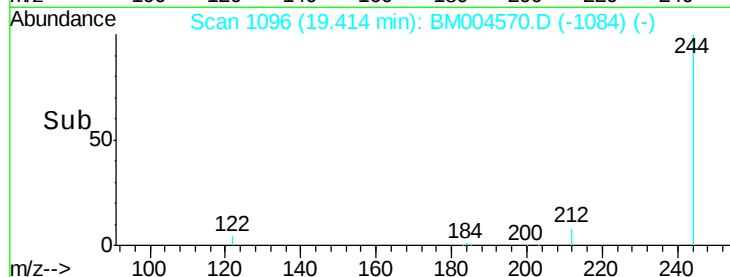
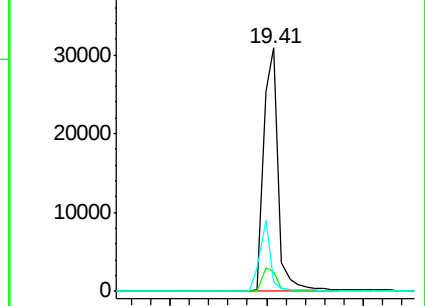
122 3.9 4.2 6.4#



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



#34

Perylene-d12

Concen: 5.00 ng

RT: 23.08 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

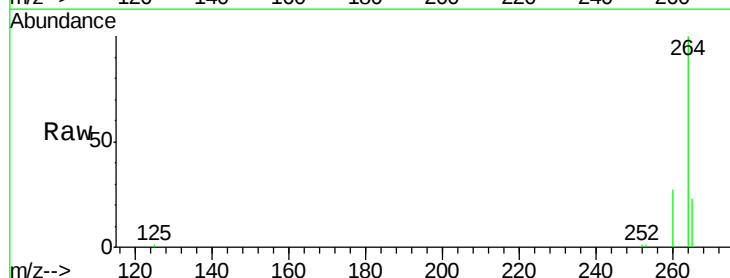
Tgt Ion:264 Resp: 90525

Ion Ratio Lower Upper

264 100

260 26.5 21.4 32.2

265 22.9 17.8 26.8



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

