

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
 Data File : BM003453.D
 Acq On : 10 Dec 2015 15:32
 Operator : UM/IZ
 Sample : G4721-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SES-EFFLUENT-MS3

Quant Time: Dec 10 16:30:21 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

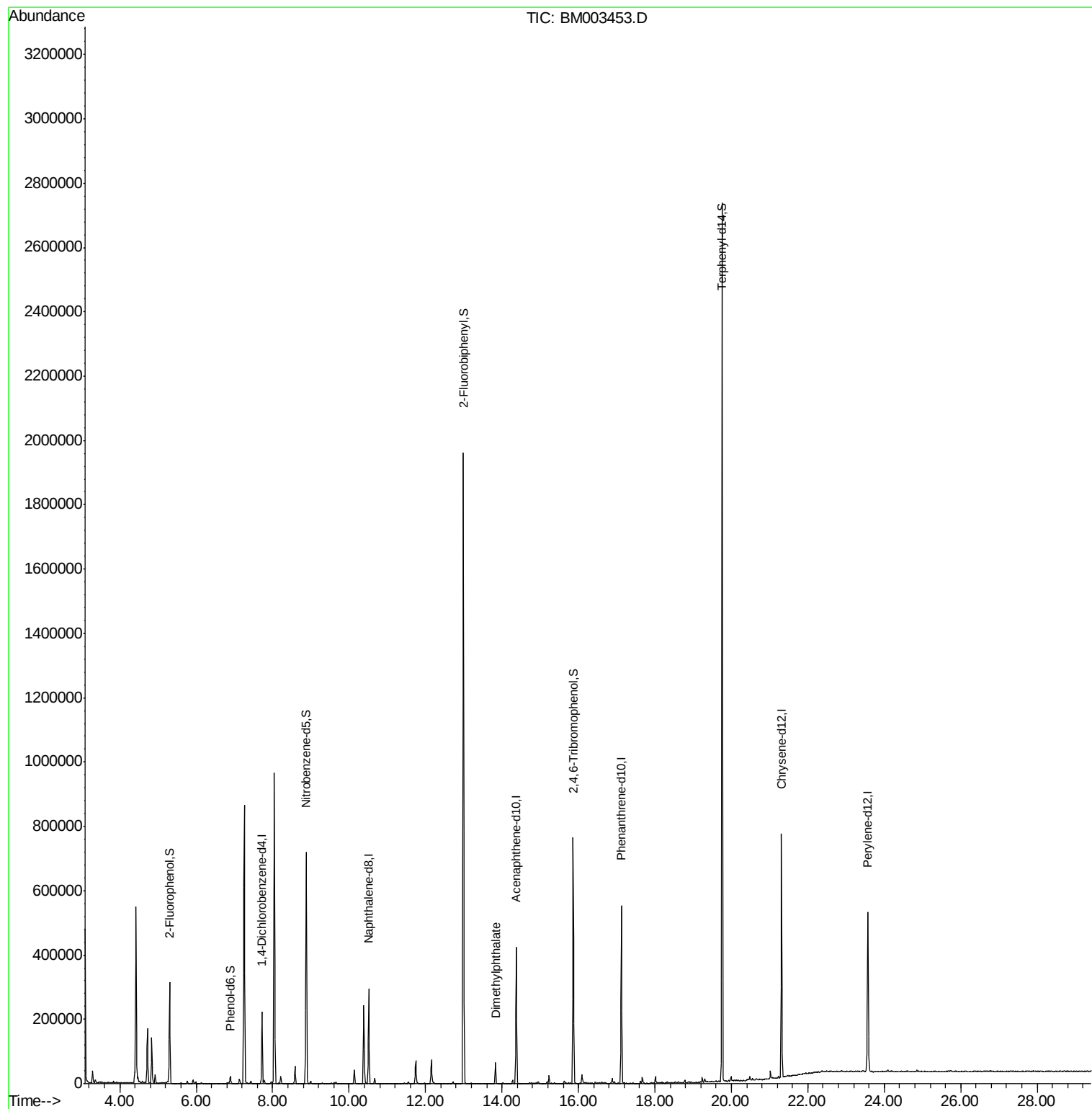
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	61905	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	258824	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	141737	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	315967	20.00	ng	0.00
75) Chrysene-d12	21.32	240	351441	20.00	ng	0.00
86) Perylene-d12	23.57	264	343719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	137998	39.63	ng	0.00
7) Phenol-d6	6.89	99	15568	3.22	ng	0.00
23) Nitrobenzene-d5	8.88	82	430007	103.01	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	128038	90.45	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1036351	99.62	ng	0.00
78) Terphenyl-d14	19.76	244	1170739	78.56	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.83	163	43868	3.76	ng	Qvalue # 99

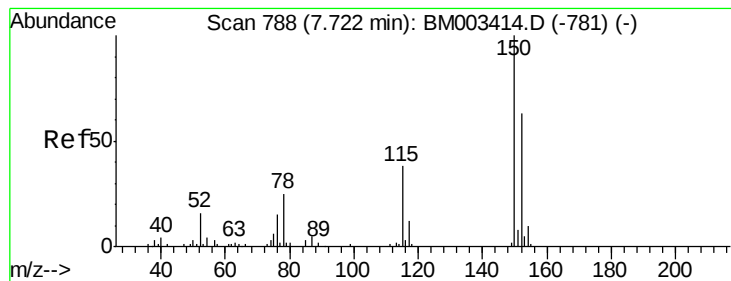
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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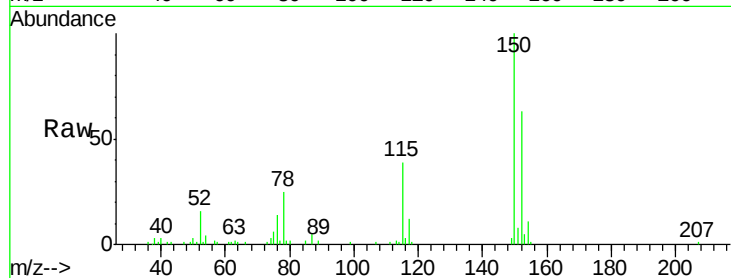


#1

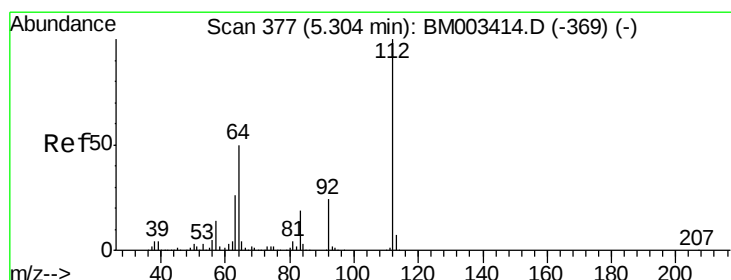
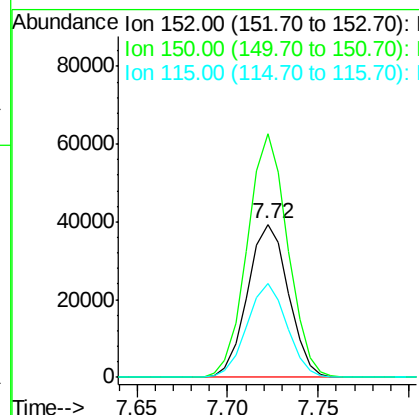
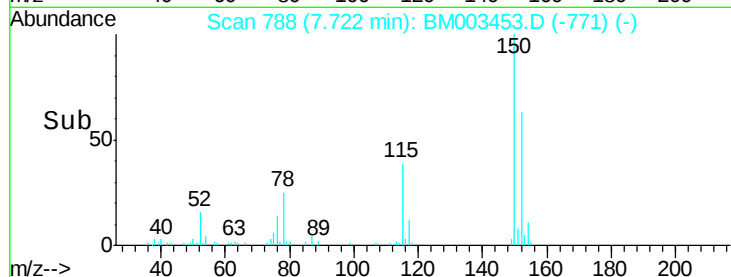
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003453.D
Acq: 10 Dec 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SES-EFFLUENT-MS3

Tgt Ion:152 Resp: 61905
Ion Ratio Lower Upper
152 100
150 158.9 119.5 179.3
115 61.5 43.0 64.4



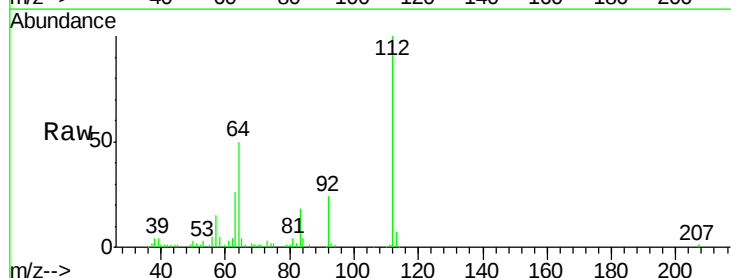
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



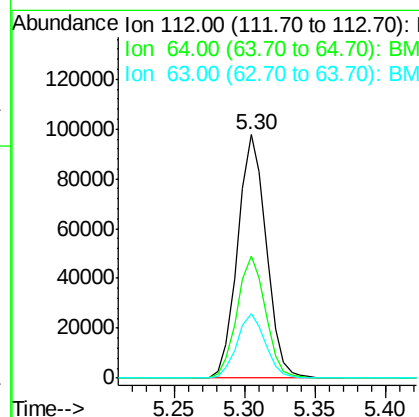
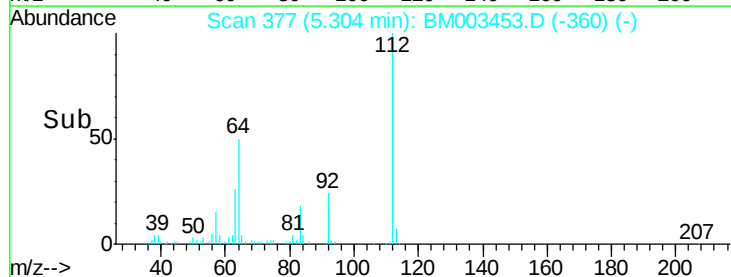
#5

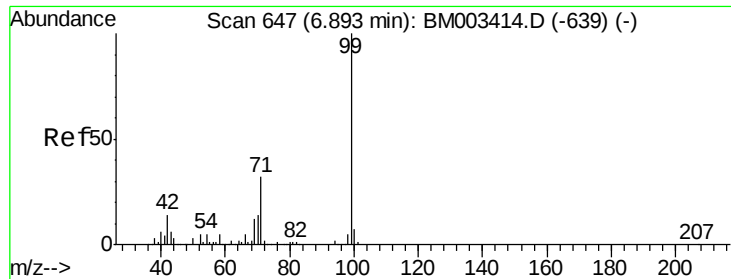
2-Fluorophenol
Concen: 39.63 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003453.D
Acq: 10 Dec 2015 15:32

Tgt Ion:112 Resp: 137998
Ion Ratio Lower Upper
112 100
64 50.1 38.6 57.8
63 26.3 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: 3.22 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM003453.D

Acq: 10 Dec 2015 15:32

Instrument :

BNA_M

ClientSampleId :

SES-EFFLUENT-MS3

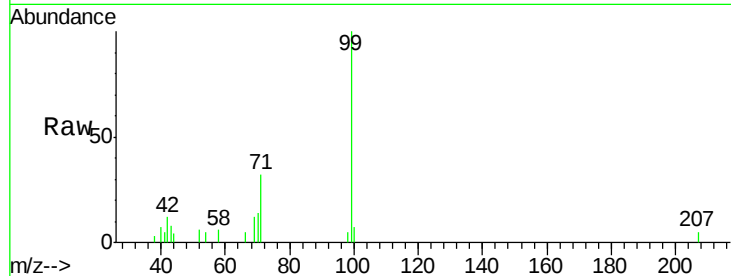
Tgt Ion: 99 Resp: 15568

Ion Ratio Lower Upper

99 100

42 12.3 11.0 16.4

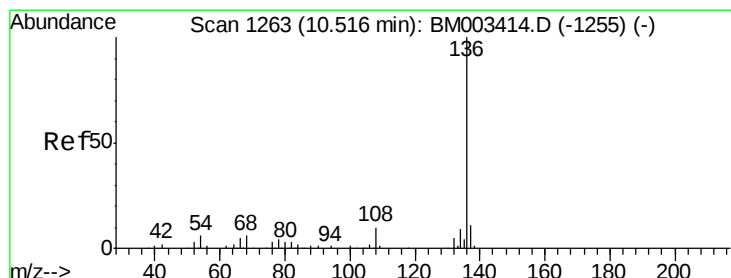
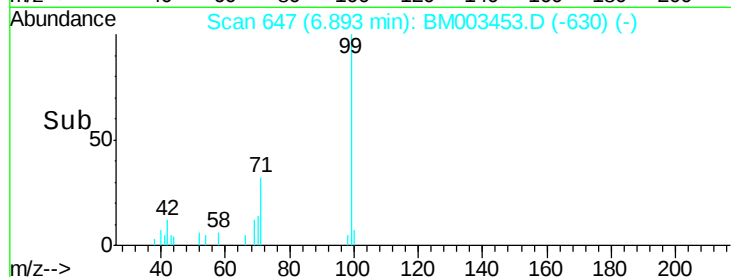
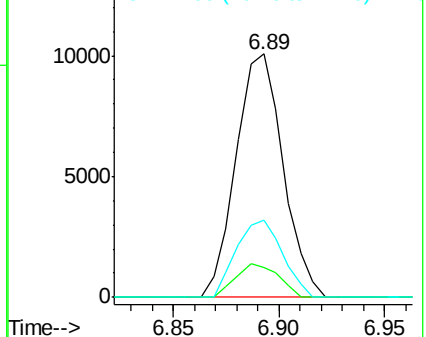
71 31.8 23.4 35.2



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) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM003453.D

Acq: 10 Dec 2015 15:32

Tgt Ion: 136 Resp: 258824

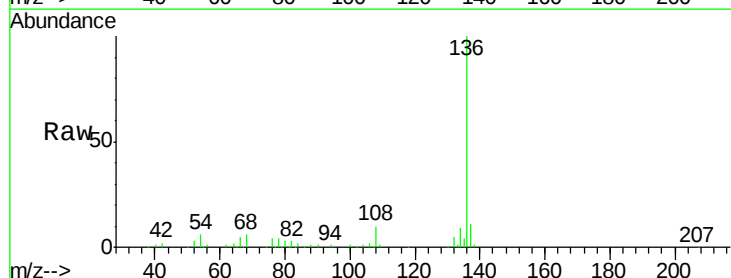
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 5.9 4.6 6.8

68 5.6 3.7 5.5#

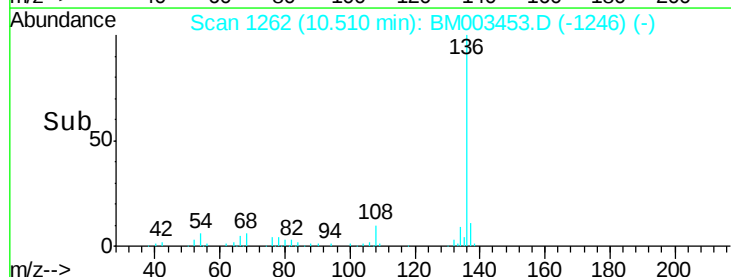
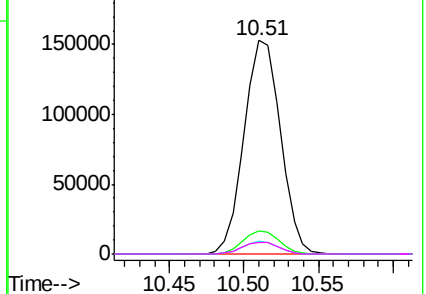


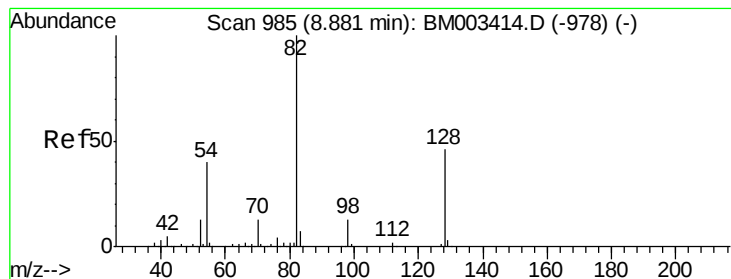
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

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) (-)





#23

Nitrobenzene-d5

Concen: 103.01 ng

RT: 8.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BM003453.D

Acq: 10 Dec 2015 15:32

Instrument :

BNA_M

ClientSampleId :

SES-EFFLUENT-MS3

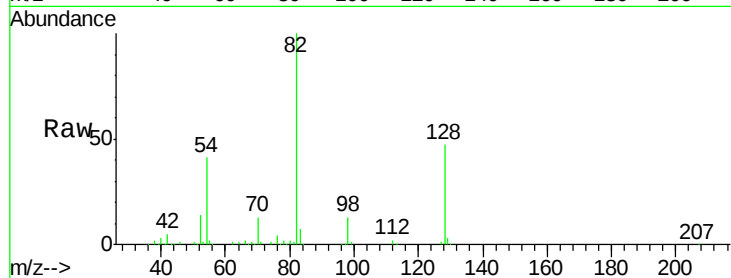
Tgt Ion: 82 Resp: 430007

Ion Ratio Lower Upper

82 100

128 47.3 32.8 49.2

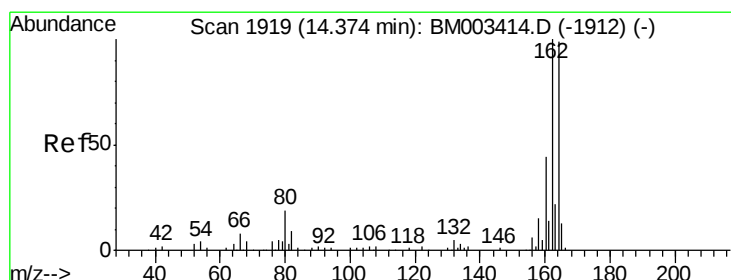
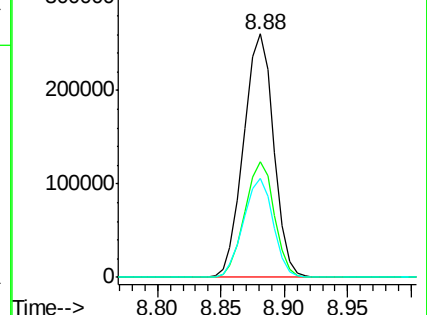
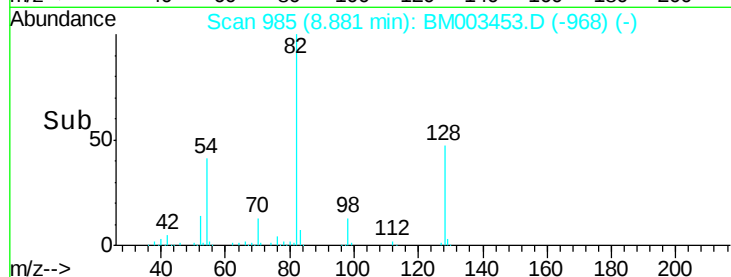
54 40.6 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM003453.D (-968) (-)

Ion 128.00 (127.70 to 128.70): BM003453.D (-968) (-)

Ion 54.00 (53.70 to 54.70): BM003453.D (-968) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BM003453.D

Acq: 10 Dec 2015 15:32

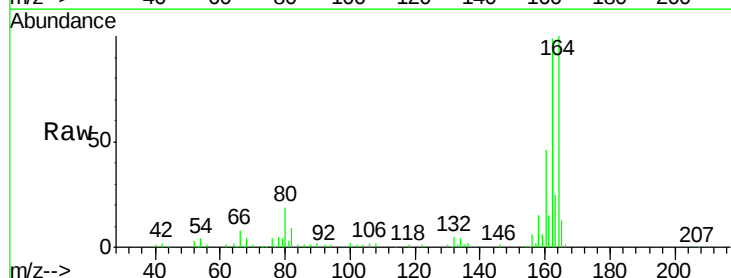
Tgt Ion: 164 Resp: 141737

Ion Ratio Lower Upper

164 100

162 99.4 82.4 123.6

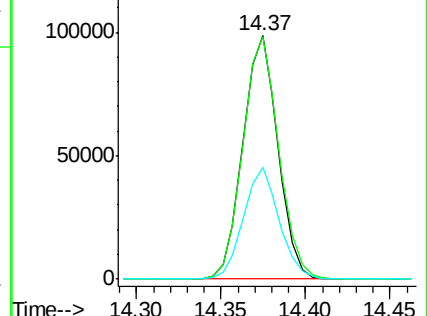
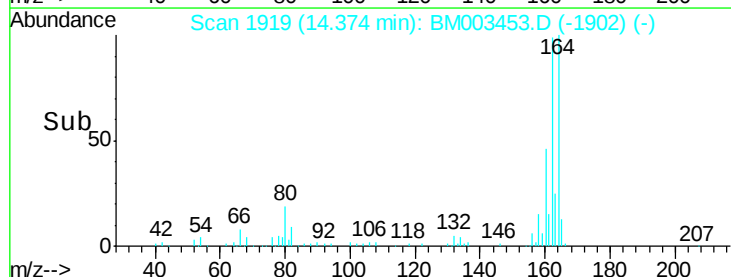
160 45.9 35.8 53.6

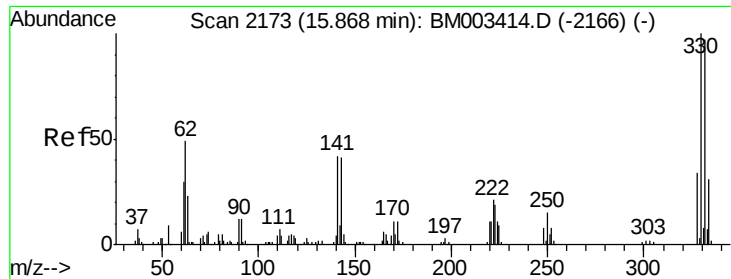


Abundance Ion 164.00 (163.70 to 164.70): BM003453.D (-1902) (-)

Ion 162.00 (161.70 to 162.70): BM003453.D (-1902) (-)

Ion 160.00 (159.70 to 160.70): BM003453.D (-1902) (-)

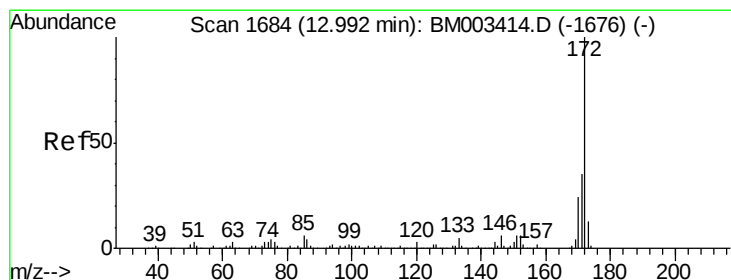
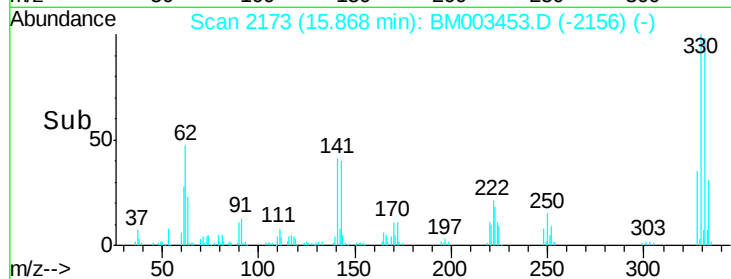
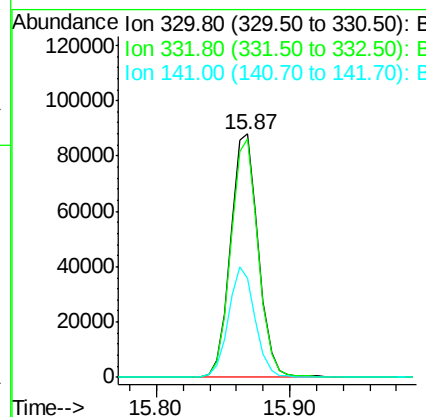
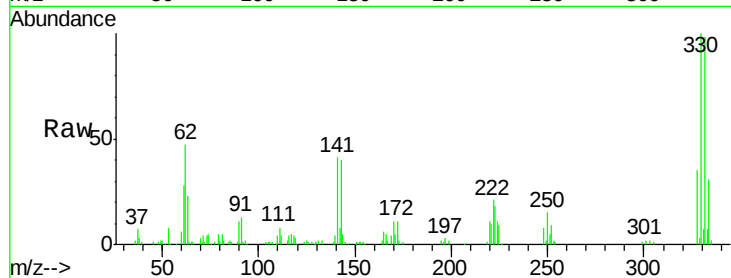




#41
 2,4,6-Tribromophenol
 Concen: 90.45 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BM003453.D
 Acq: 10 Dec 2015 15:32

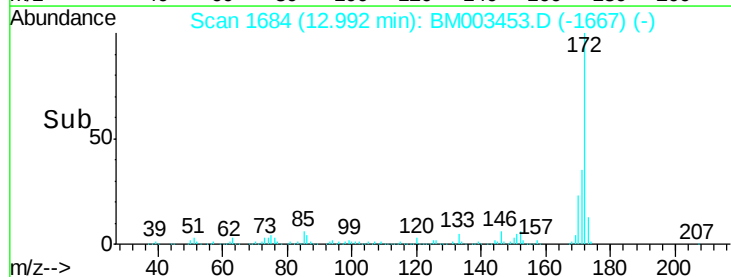
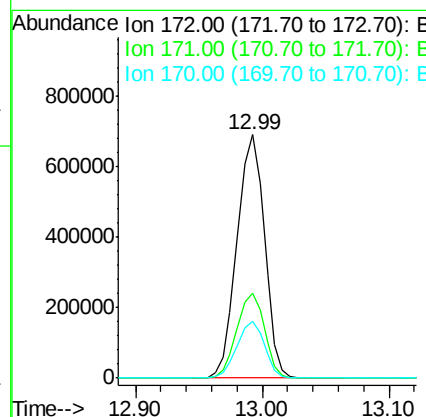
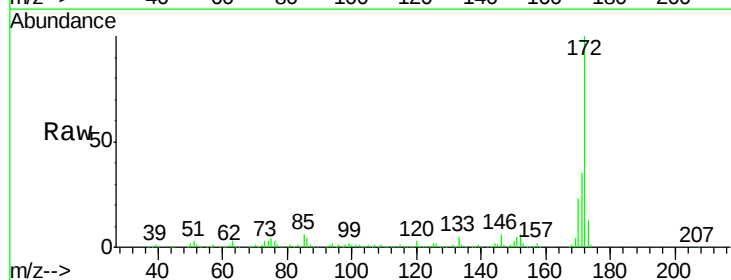
Instrument :
 BNA_M
 ClientSampleId :
 SES-EFFLUENT-MS3

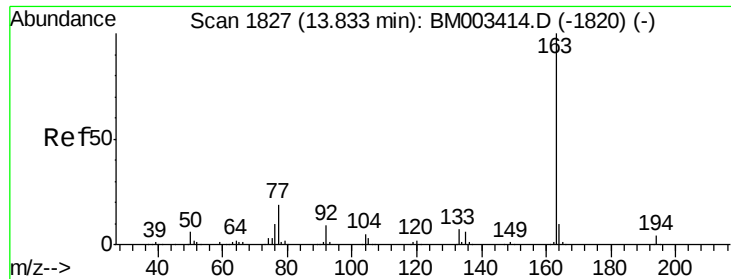
Tgt Ion: 330 Resp: 128038
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 43.5 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 99.62 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM003453.D
 Acq: 10 Dec 2015 15:32

Tgt Ion: 172 Resp: 1036351
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.5 18.8 28.2





#49

Dimethylphthalate

Concen: 3.76 ng

RT: 13.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM003453.D

Acq: 10 Dec 2015 15:32

Instrument :

BNA_M

ClientSampleId :

SES-EFFLUENT-MS3

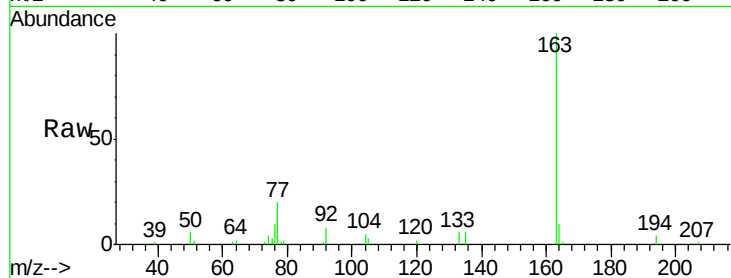
Tgt Ion:163 Resp: 43868

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

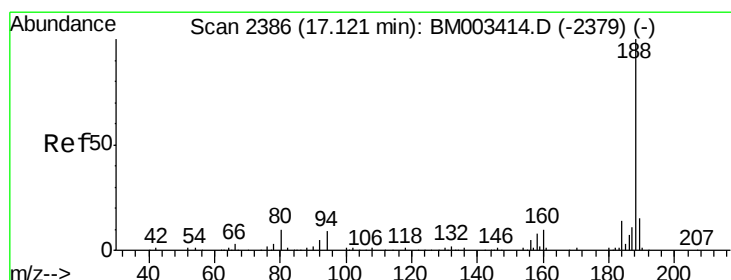
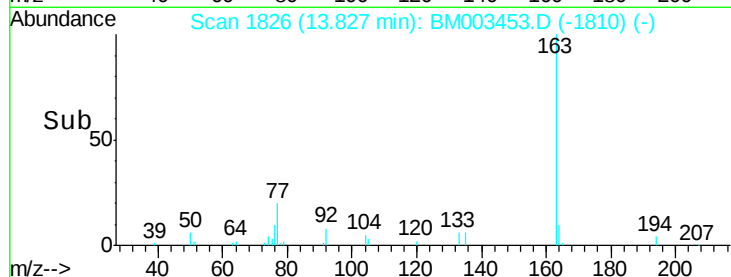
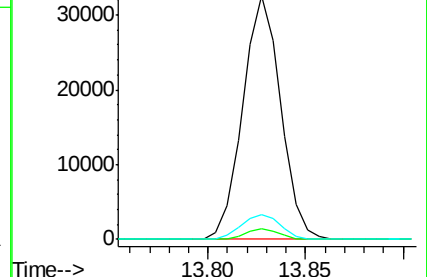
164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.12 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BM003453.D

Acq: 10 Dec 2015 15:32

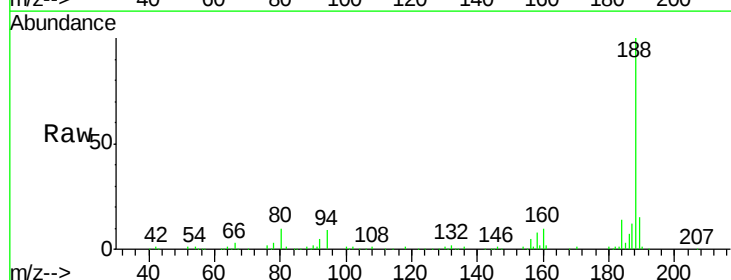
Tgt Ion:188 Resp: 315967

Ion Ratio Lower Upper

188 100

94 9.1 8.7 13.1

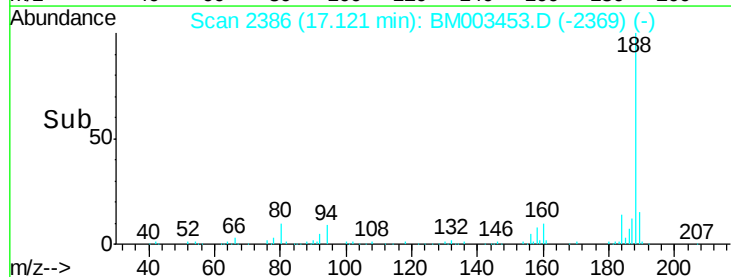
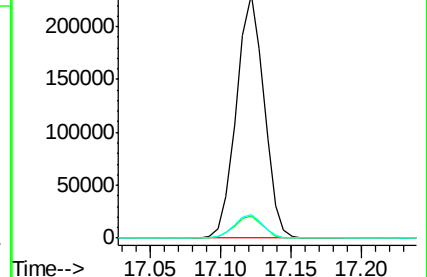
80 9.8 9.3 13.9

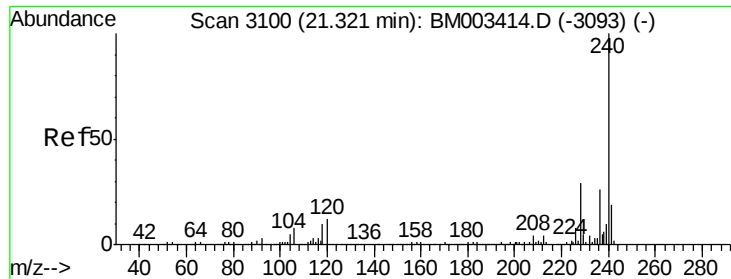


Abundance Ion 188.00 (187.70 to 188.70): E

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: BM003453.D

Acq: 10 Dec 2015 15:32

Instrument :

BNA_M

ClientSampleId :

SES-EFFLUENT-MS3

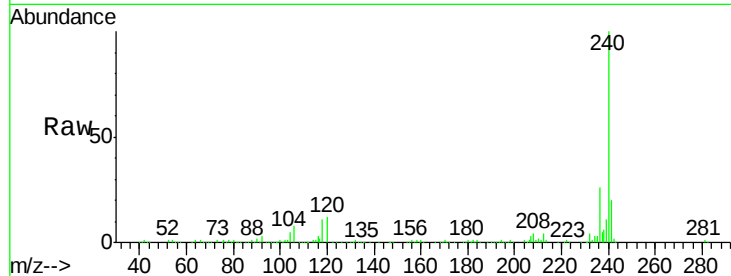
Tgt Ion:240 Resp: 351441

Ion Ratio Lower Upper

240 100

120 11.7 8.2 12.2

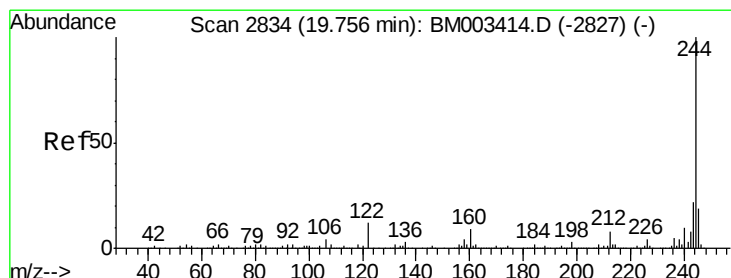
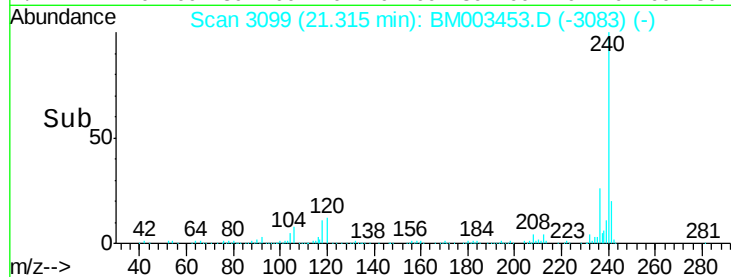
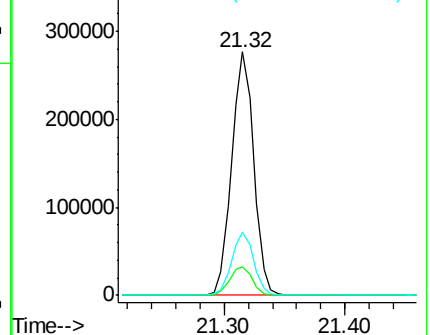
236 26.1 20.0 30.0



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: 78.56 ng

RT: 19.76 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM003453.D

Acq: 10 Dec 2015 15:32

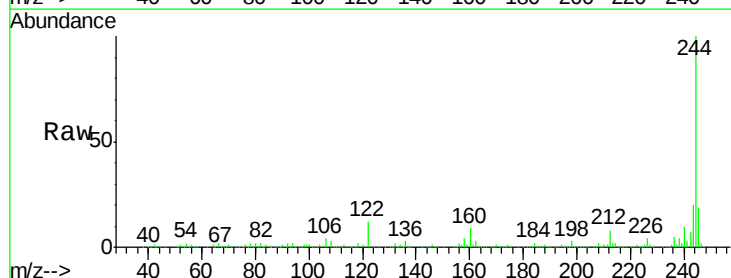
Tgt Ion:244 Resp: 1170739

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

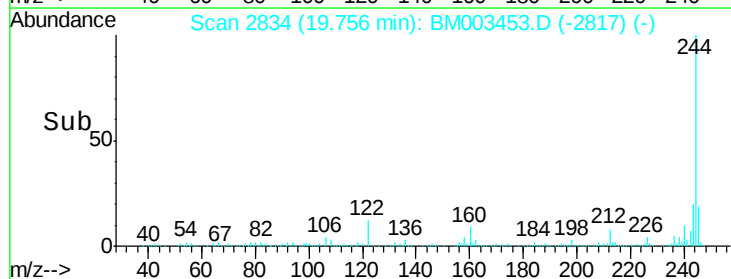
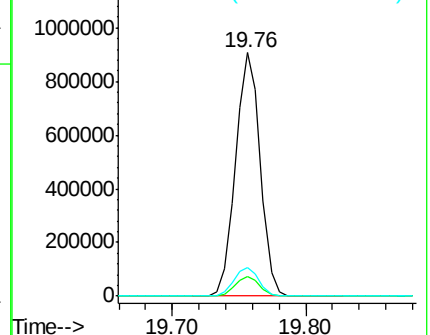
122 11.9 6.2 9.4#

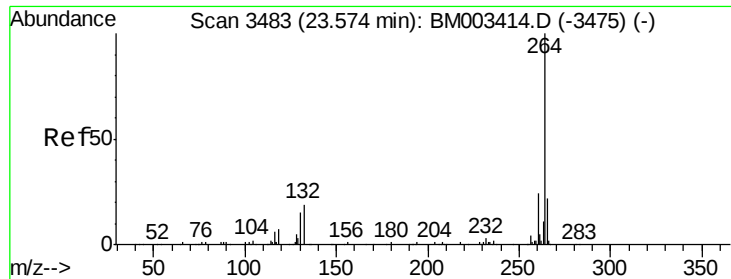


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3482
Delta R.T. -0.01 min
Lab File: BM003453.D
Acq: 10 Dec 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SES-EFFLUENT-MS3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.6	17.3	25.9

