

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
 Data File : BF099488.D
 Acq On : 14 Oct 2017 20:33
 Operator : SJ/JU
 Sample : I5865-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-10

Quant Time: Oct 15 00:22:28 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

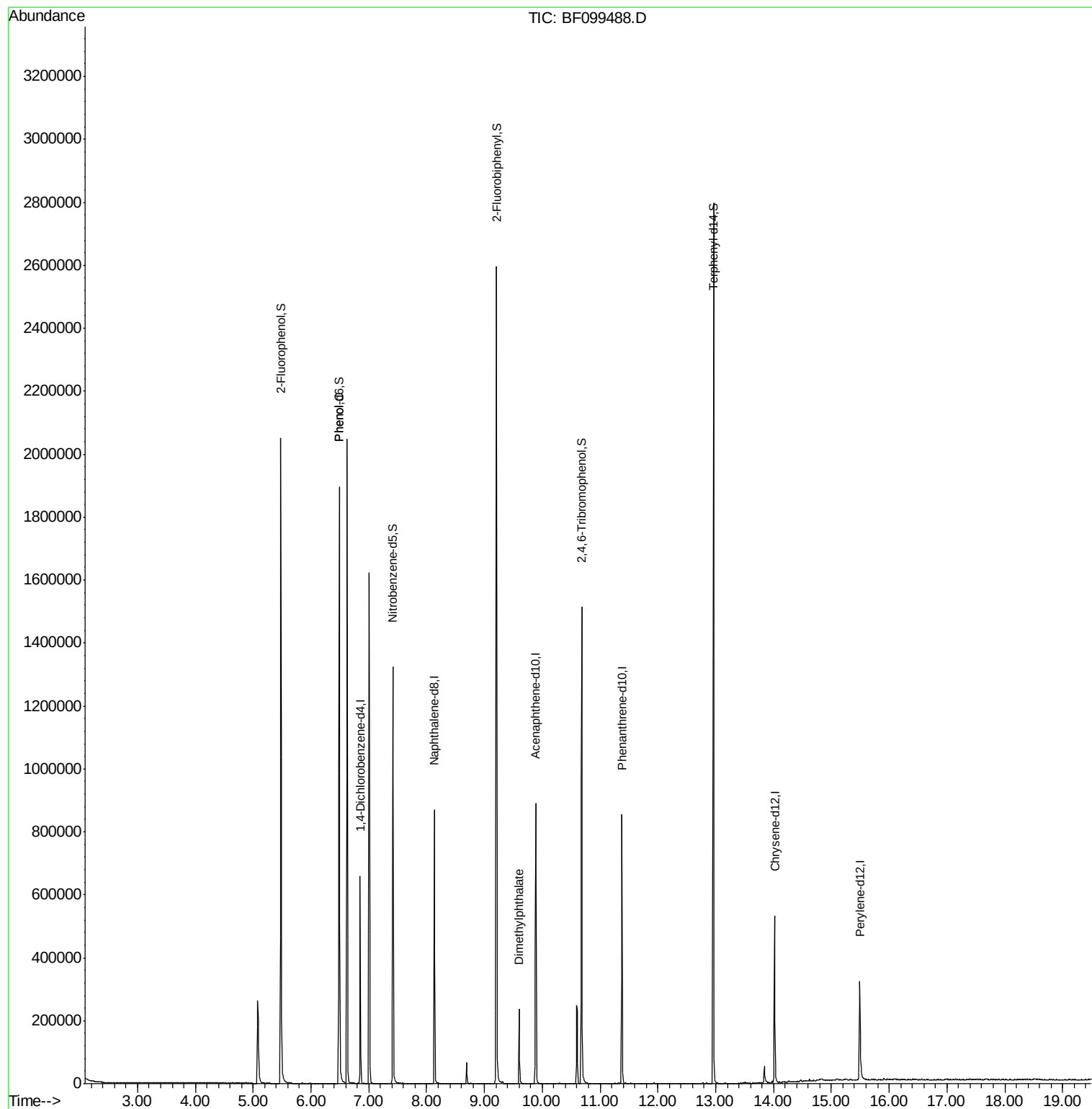
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	93768	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	393644	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	178875	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	312556	20.00	ng	0.00
75) Chrysene-d12	14.02	240	190567	20.00	ng	0.00
86) Perylene-d12	15.49	264	159594	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	614072	104.25	ng	0.00
7) Phenol-d6	6.49	99	745876	102.65	ng	0.00
23) Nitrobenzene-d5	7.42	82	448910	73.13	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	182401	124.62	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	909131	84.85	ng	0.00
78) Terphenyl-d14	12.96	244	943071	112.54	ng	0.00
Target Compounds						
10) Phenol	6.50	94	34363	4.23	ng	84
49) Dimethylphthalate	9.60	163	105812	7.84	ng	98

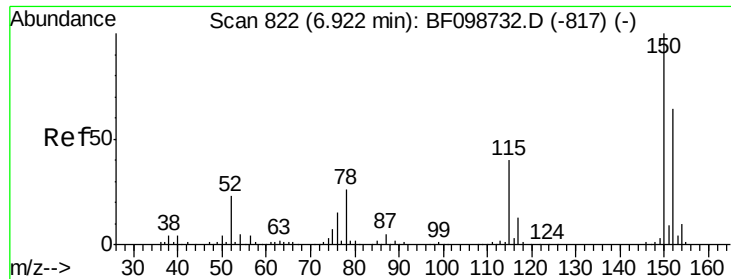
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF099488.D

Acq: 14 Oct 2017 20:33

Instrument :

BNA_F

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CLEANSAND-10

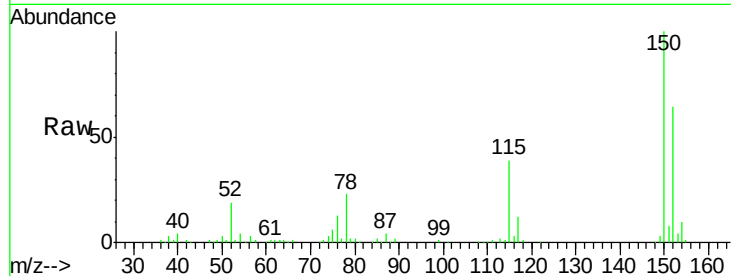
Tgt Ion:152 Resp: 93768

Ion Ratio Lower Upper

152 100

150 156.7 124.6 186.8

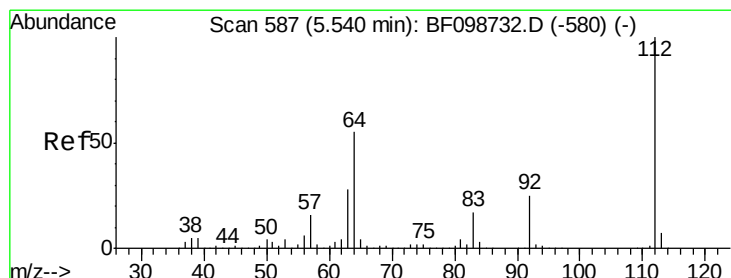
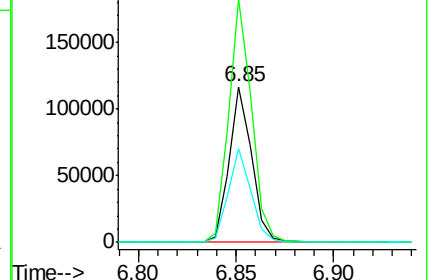
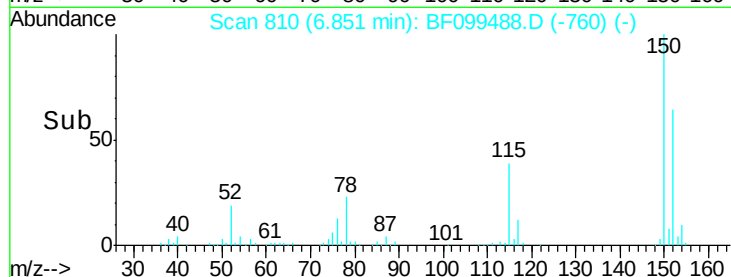
115 60.7 50.1 75.1



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



#5

2-Fluorophenol

Concen: 104.25 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF099488.D

Acq: 14 Oct 2017 20:33

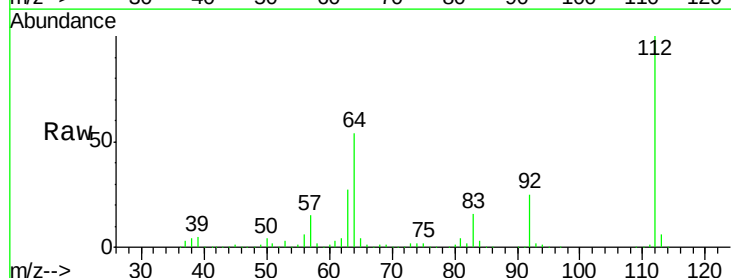
Tgt Ion:112 Resp: 614072

Ion Ratio Lower Upper

112 100

64 54.1 47.9 71.9

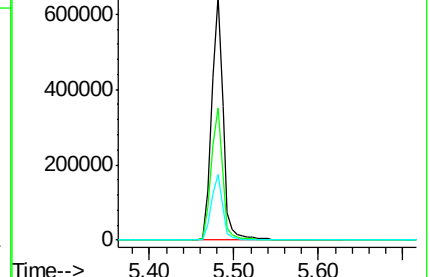
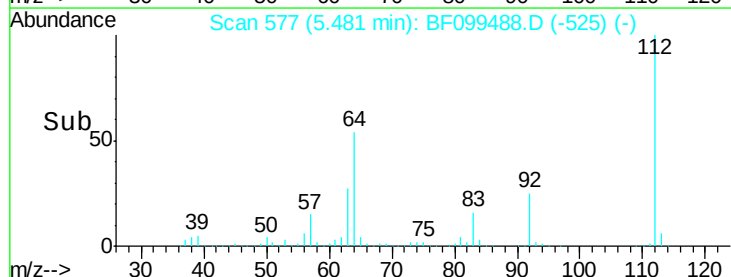
63 26.9 23.7 35.5

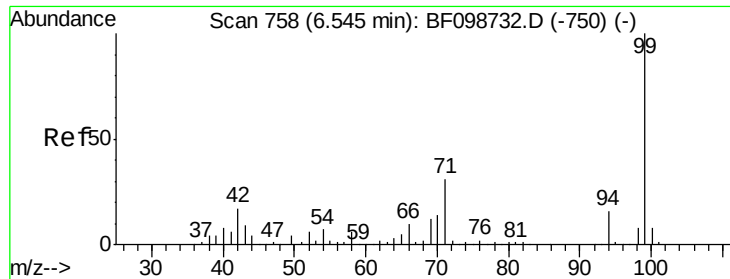


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.65 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF099488.D

Acq: 14 Oct 2017 20:33

Instrument :

BNA_F

ClientSampleId :

CLEANSAND-10

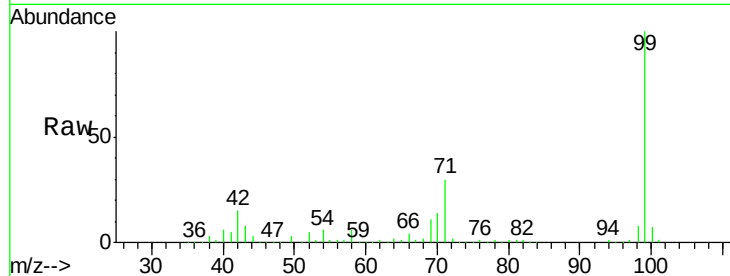
Tgt Ion: 99 Resp: 745876

Ion Ratio Lower Upper

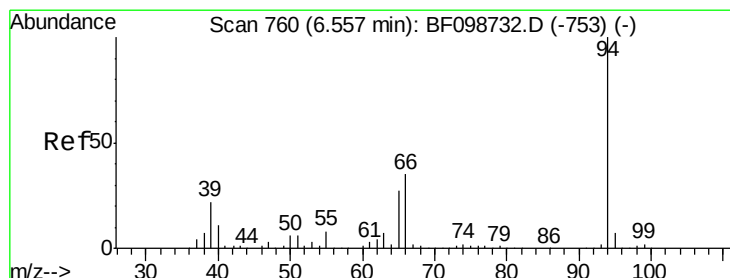
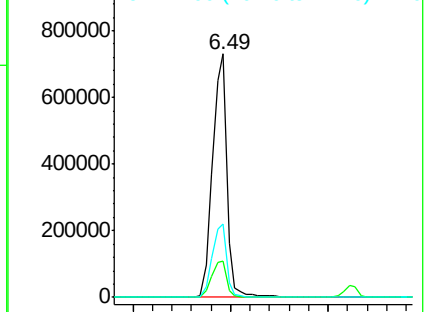
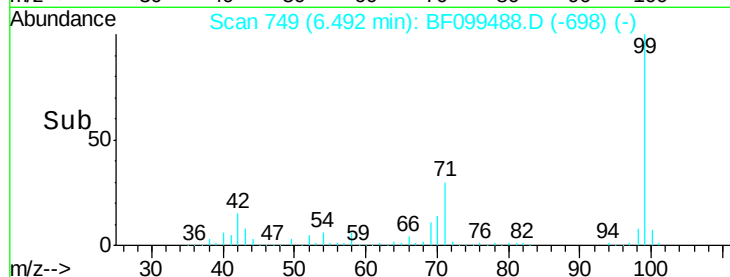
99 100

42 15.0 14.5 21.7

71 30.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 4.23 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF099488.D

Acq: 14 Oct 2017 20:33

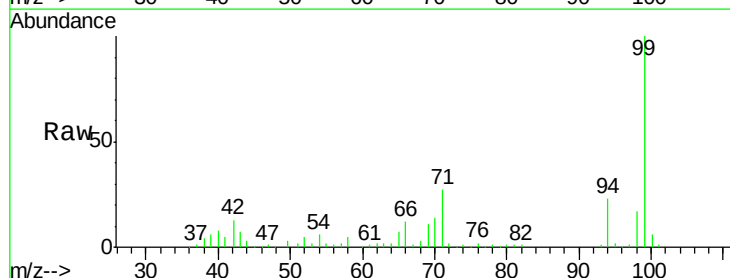
Tgt Ion: 94 Resp: 34363

Ion Ratio Lower Upper

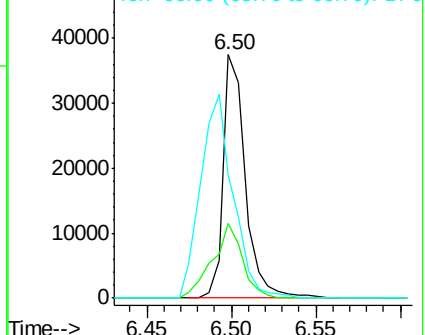
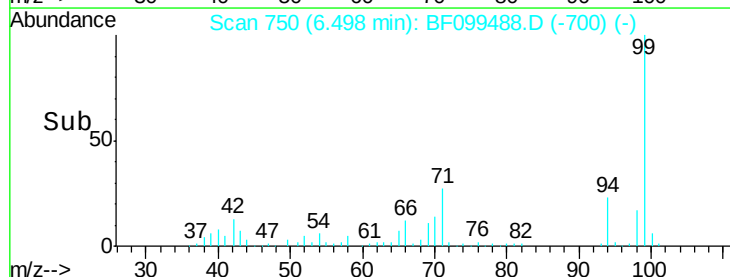
94 100

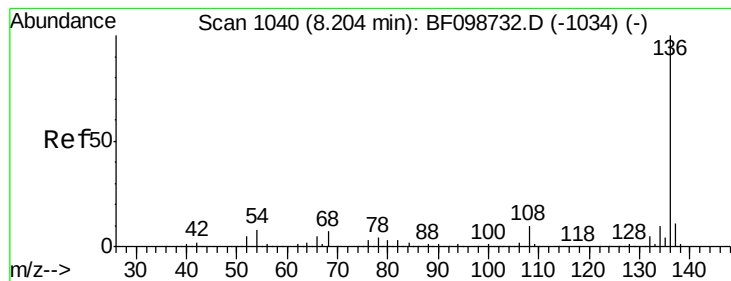
65 30.5 7.9 47.9

66 50.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF099488.D

Acq: 14 Oct 2017 20:33

Instrument :

BNA_F

ClientSampleId :

CLEANSAND-10

Tgt Ion: 136 Resp: 393644

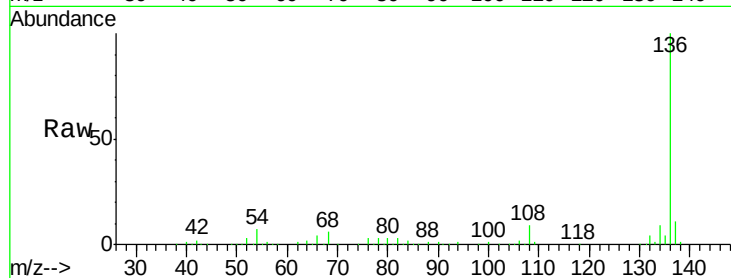
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.7 6.6 9.8

68 5.9 5.0 7.4

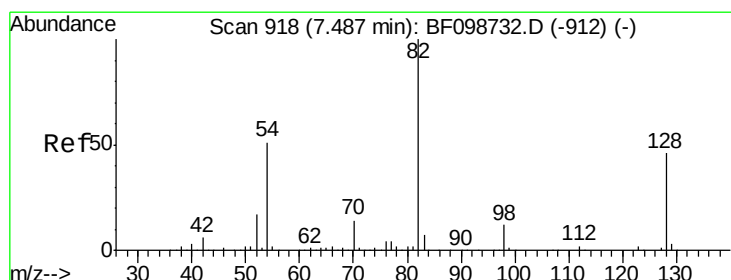
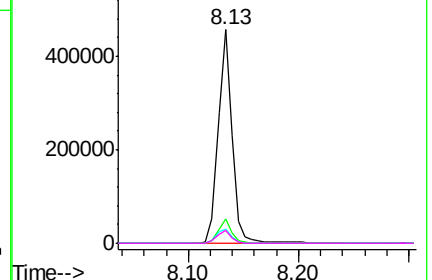
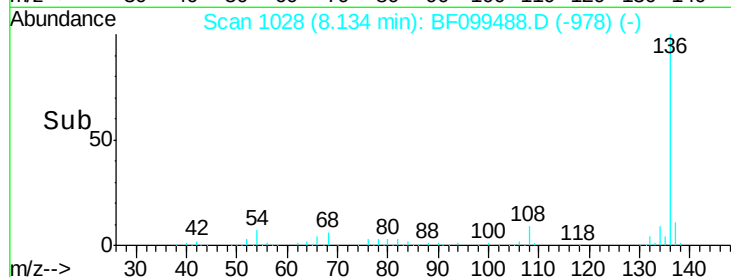


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 73.13 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF099488.D

Acq: 14 Oct 2017 20:33

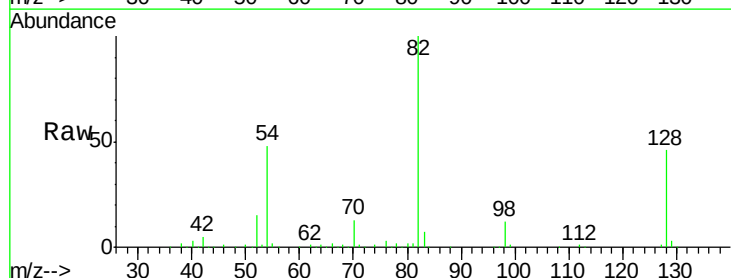
Tgt Ion: 82 Resp: 448910

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

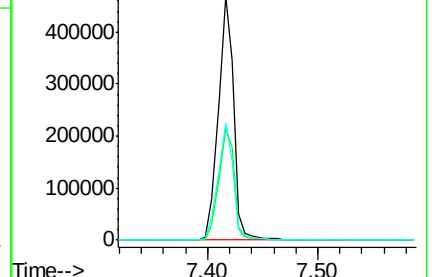
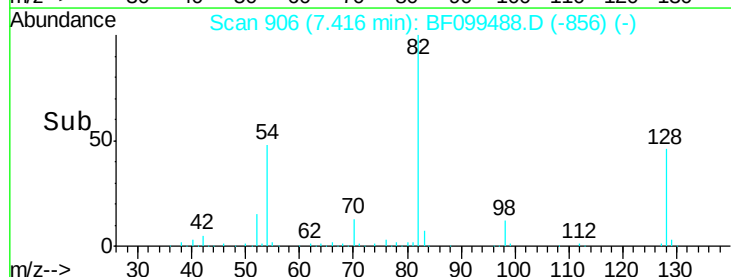
54 47.9 41.4 62.2

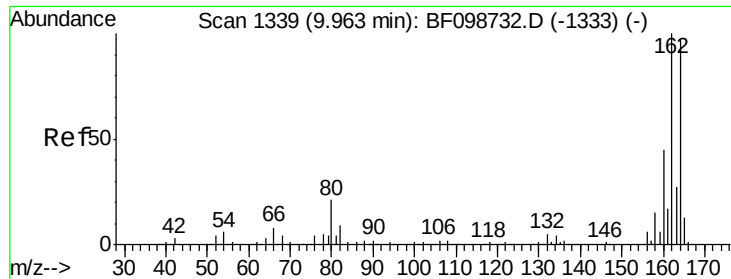


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099488.D

Acq: 14 Oct 2017 20:33

Instrument :

BNA_F

ClientSampleId :

CLEANSAND-10

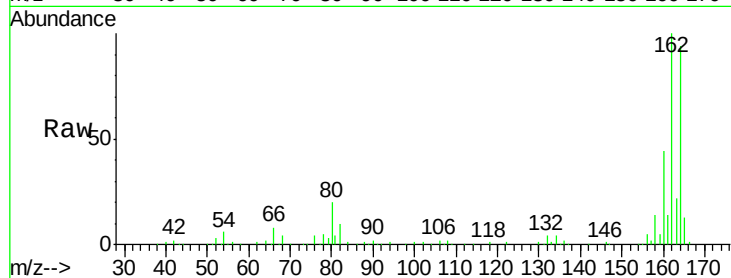
Tgt Ion:164 Resp: 178875

Ion Ratio Lower Upper

164 100

162 106.5 86.1 129.1

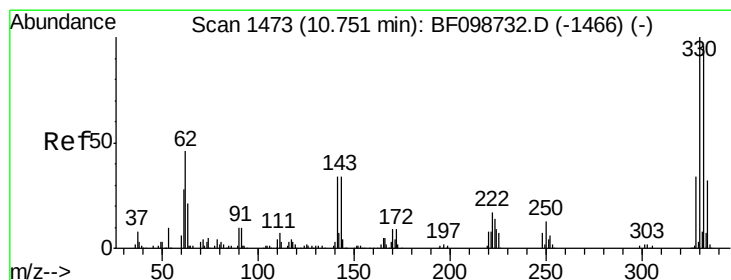
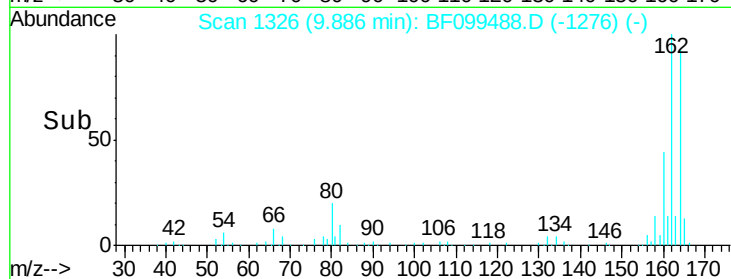
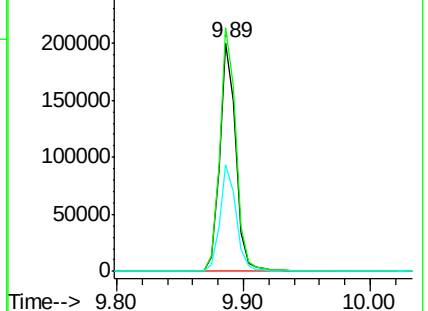
160 46.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 124.62 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF099488.D

Acq: 14 Oct 2017 20:33

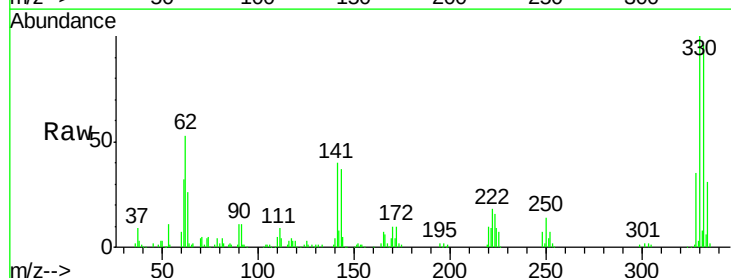
Tgt Ion:330 Resp: 182401

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

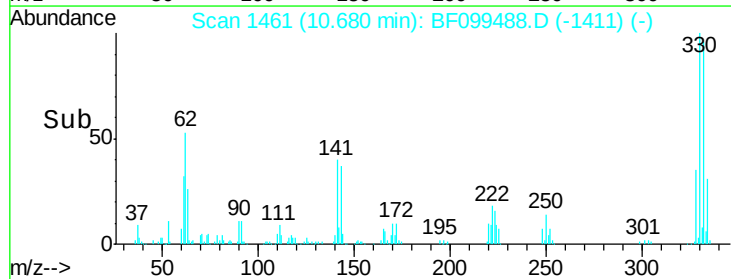
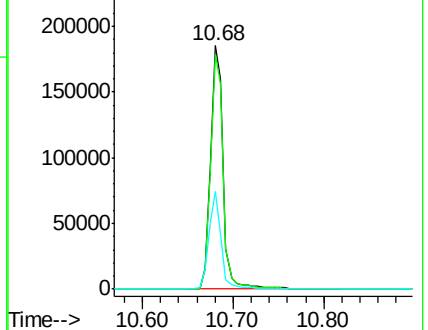
141 38.7 29.9 44.9

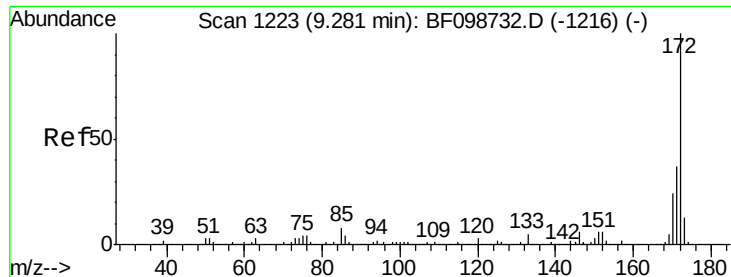


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

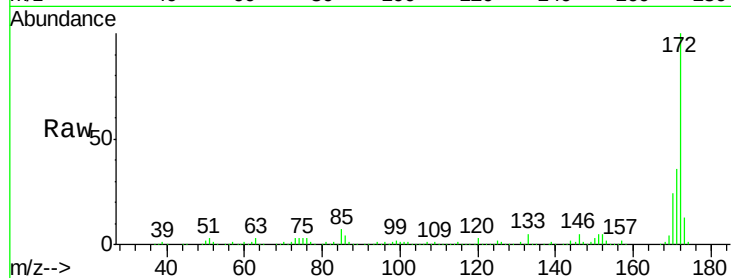




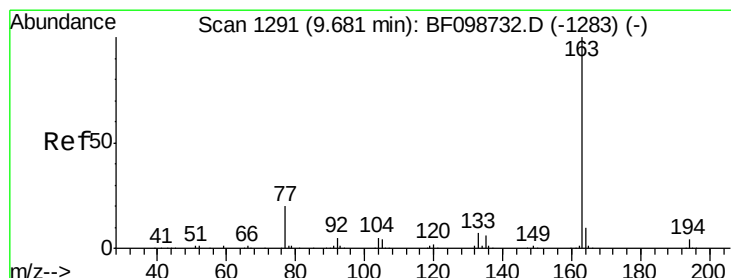
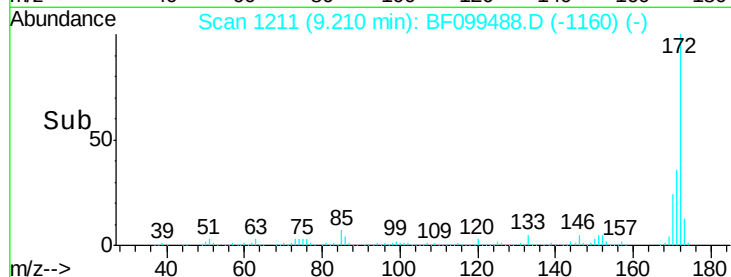
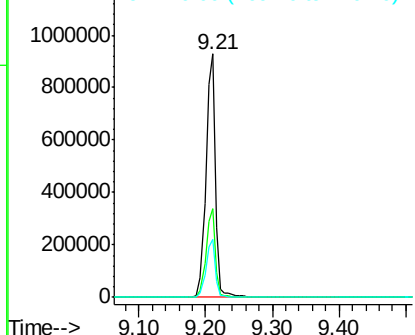
#44
 2-Fluorobiphenyl
 Concen: 84.85 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099488.D
 Acq: 14 Oct 2017 20:33

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-10

Tgt Ion:172 Resp: 909131
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.8 19.6 29.4

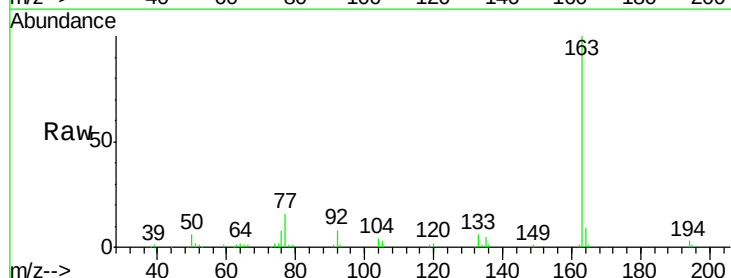


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

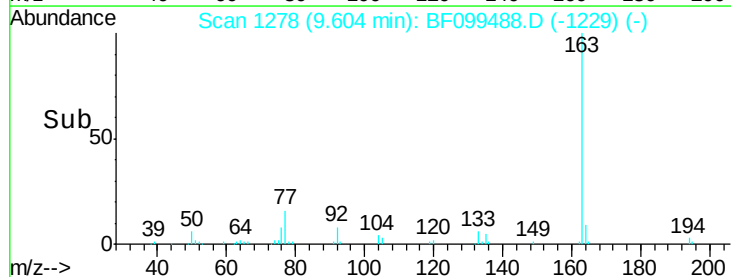
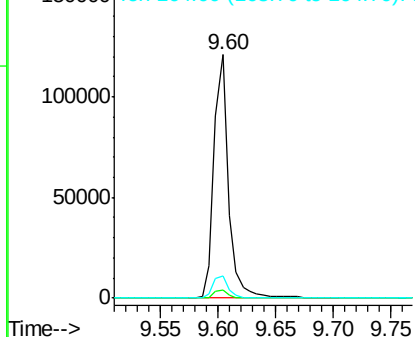


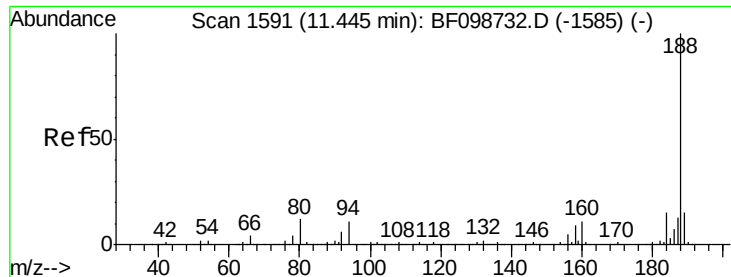
#49
 Dimethylphthalate
 Concen: 7.84 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF099488.D
 Acq: 14 Oct 2017 20:33

Tgt Ion:163 Resp: 105812
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.7 4.1
 164 9.3 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

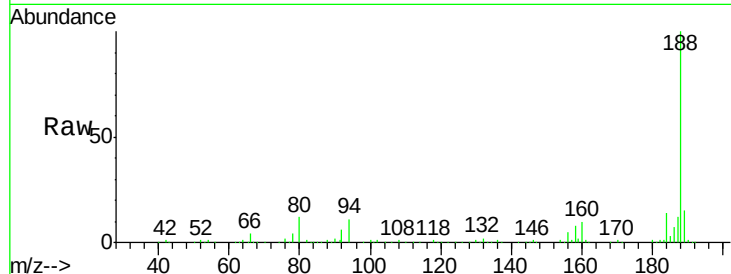




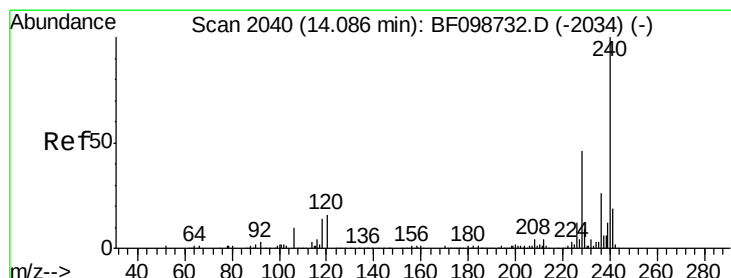
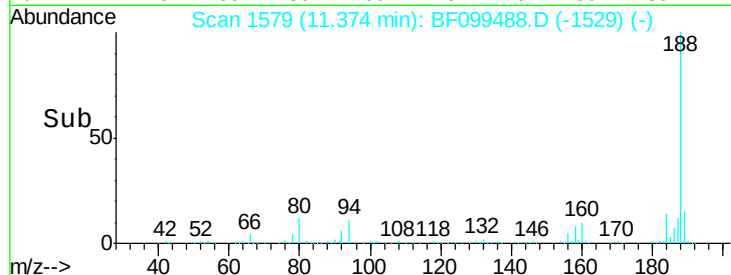
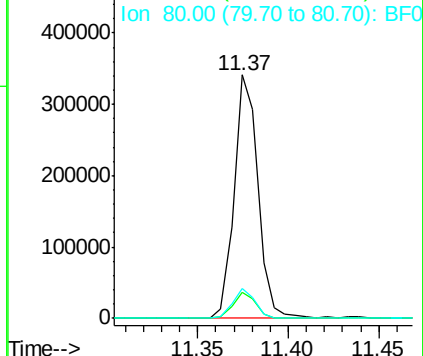
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF099488.D
Acq: 14 Oct 2017 20:33

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-10

Tgt Ion:188 Resp: 312556
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 12.2 9.2 13.8

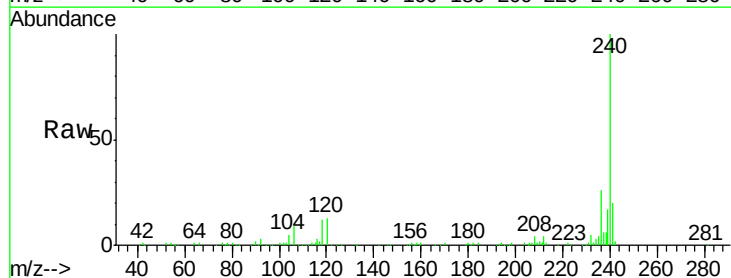


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

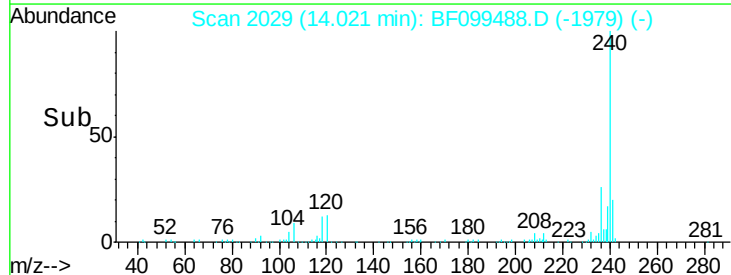
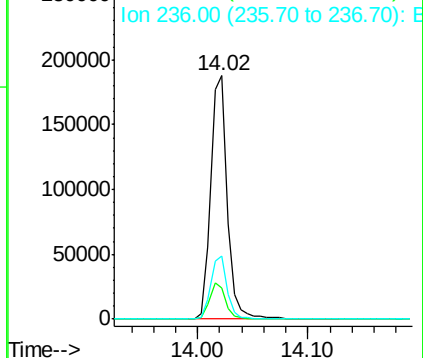


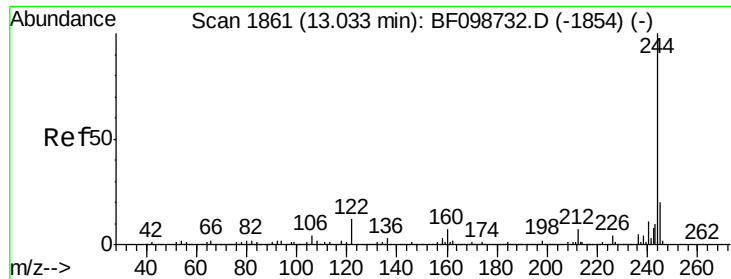
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099488.D
Acq: 14 Oct 2017 20:33

Tgt Ion:240 Resp: 190567
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 25.9 20.7 31.1



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

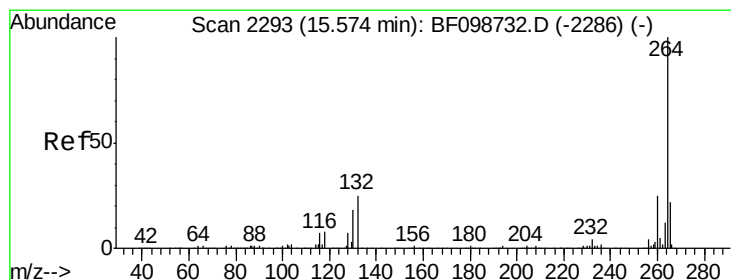
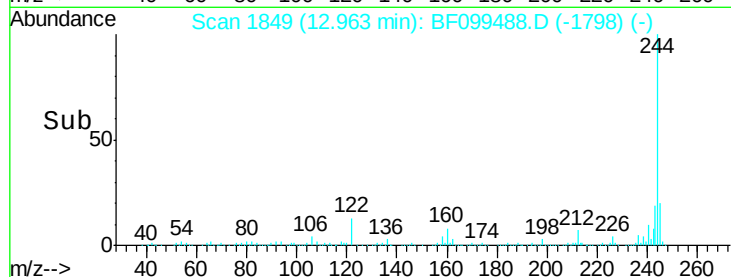
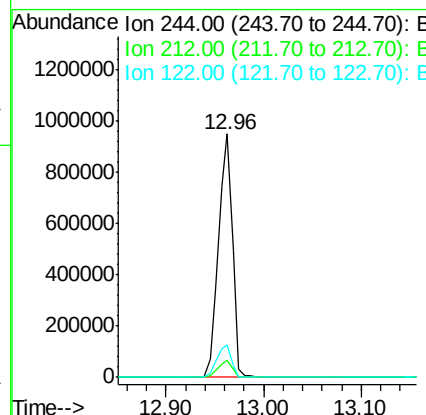
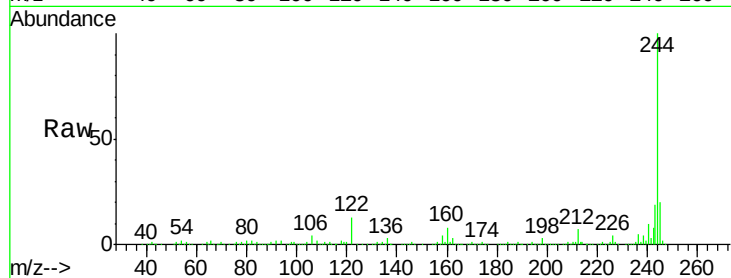




#78
 Terphenyl-d14
 Concen: 112.54 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF099488.D
 Acq: 14 Oct 2017 20:33

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-10

Tgt Ion:244 Resp: 943071
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 13.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF099488.D
 Acq: 14 Oct 2017 20:33

Tgt Ion:264 Resp: 159594
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 21.9 17.5 26.3

