

Data Path : Z:\HPCHEM1\BNA_F\Data\BF011215\
 Data File : BF076824.D
 Acq On : 13 Jan 2015 1:52
 Operator : IZ / TP
 Sample : G1042-08
 Misc : W
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DIN46-WASTE-GRAB-4

Quant Time: Jan 13 03:16:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 12 10:43:48 2015
 Response via : Initial Calibration

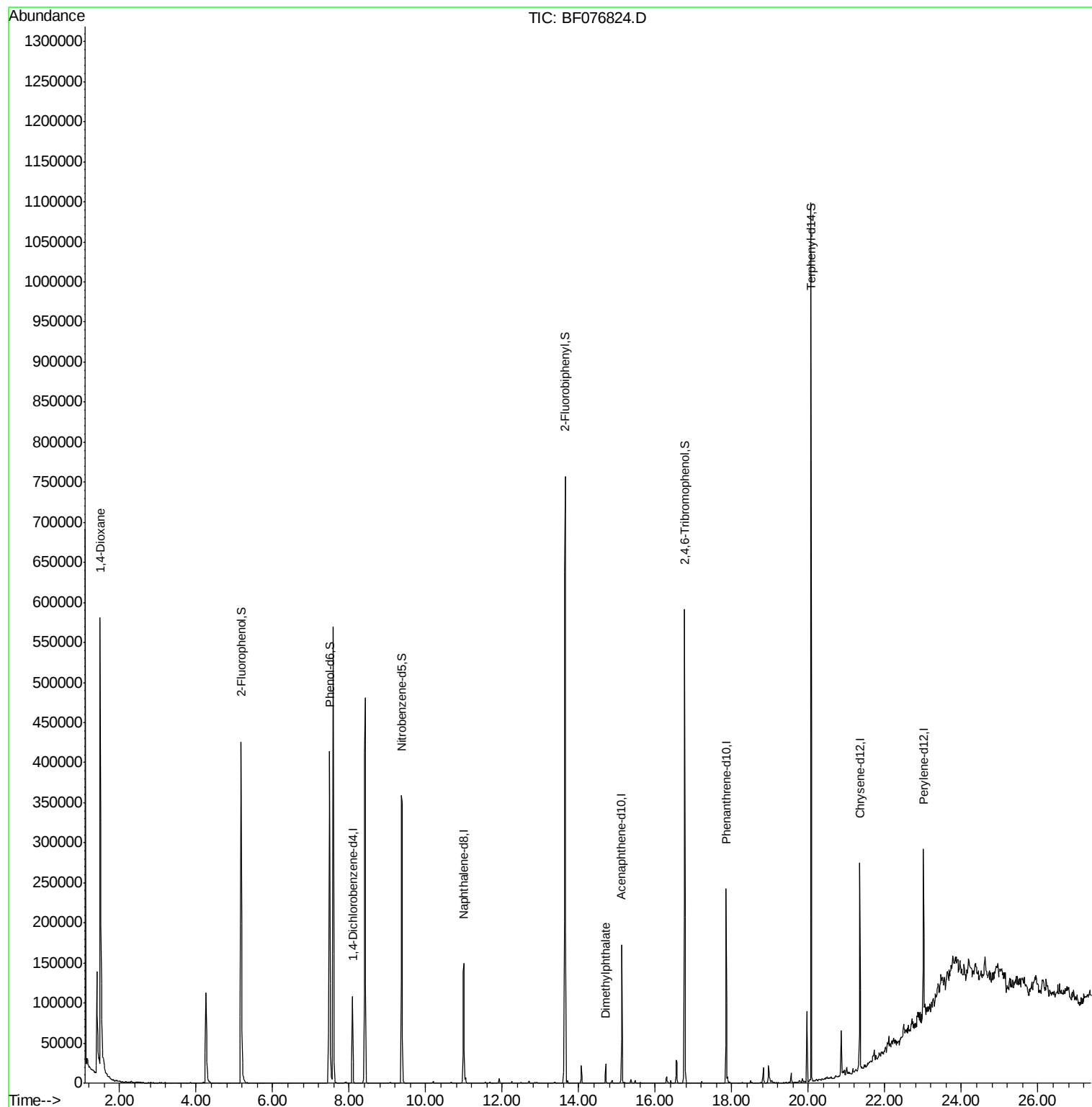
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	30345	20.00	ng	0.01
21) Naphthalene-d8	11.00	136	131859	20.00	ng	0.00
38) Acenaphthene-d10	15.12	164	69129	20.00	ng	-0.01
63) Phenanthrene-d10	17.85	188	113599	20.00	ng	0.00
75) Chrysene-d12	21.34	240	102705	20.00	ng	-0.01
86) Perylene-d12	23.01	264	89402	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	226620	124.62	ng	0.00
7) Phenol-d6	7.49	99	249825	109.12	ng	-0.01
23) Nitrobenzene-d5	9.37	82	212444	89.53	ng	-0.01
41) 2,4,6-Tribromophenol	16.77	330	76088	131.87	ng	-0.01
44) 2-Fluorobiphenyl	13.65	172	431361	91.84	ng	0.00
78) Terphenyl-d14	20.07	244	390102	83.39	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.49	88	25349	32.69	ng	Qvalue # 14
49) Dimethylphthalate	14.70	163	20312	4.04	ng	99

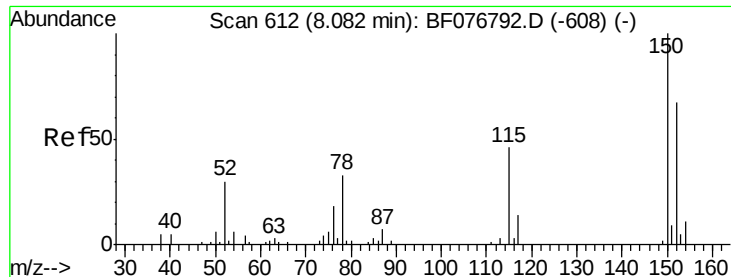
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 12 10:43:48 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF076824.D

Acq: 13 Jan 2015 1:52

Instrument :

BNA_F

ClientSampleId :

DIN46-WASTE-GRAB-4

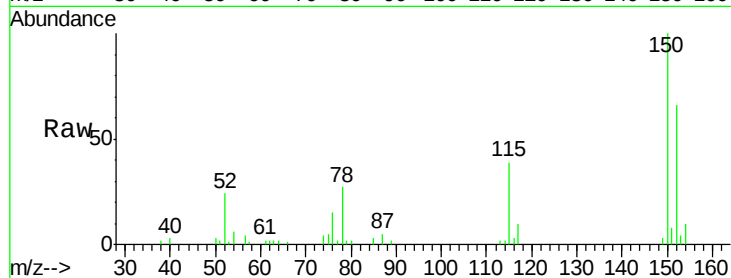
Tgt Ion:152 Resp: 30345

Ion Ratio Lower Upper

152 100

150 151.2 119.5 179.3

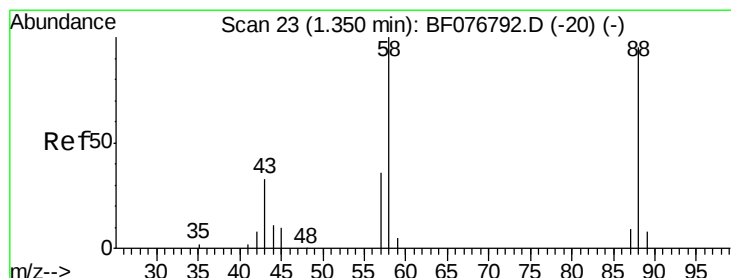
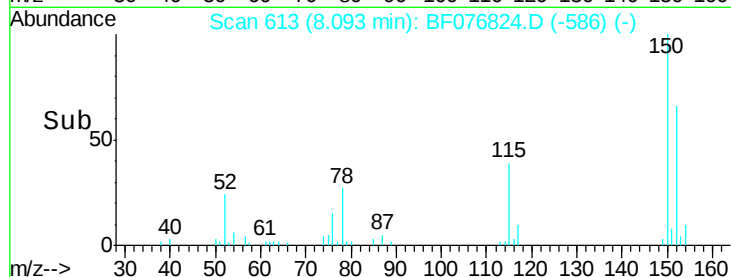
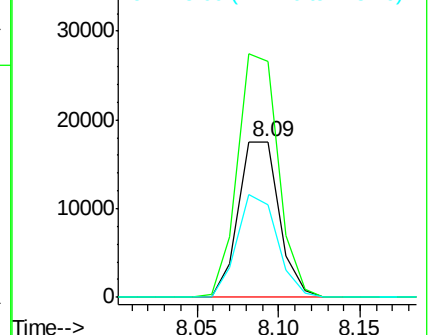
115 59.6 54.6 81.8



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



#2

1,4-Dioxane

Concen: 32.69 ng

RT: 1.49 min Scan# 35

Delta R.T. 0.14 min

Lab File: BF076824.D

Acq: 13 Jan 2015 1:52

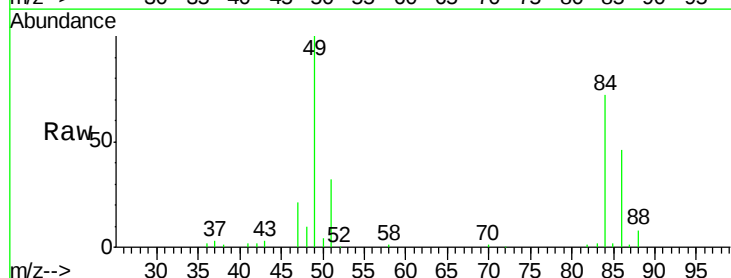
Tgt Ion: 88 Resp: 25349

Ion Ratio Lower Upper

88 100

58 0.0 72.4 108.6#

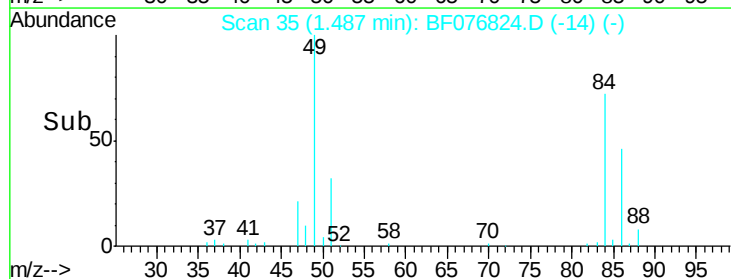
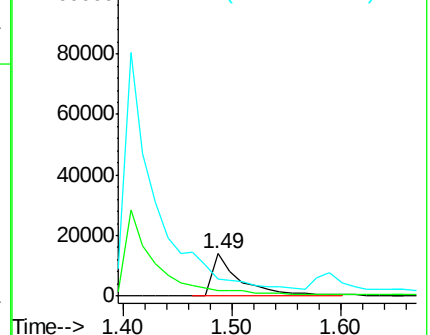
43 0.0 24.0 36.0#

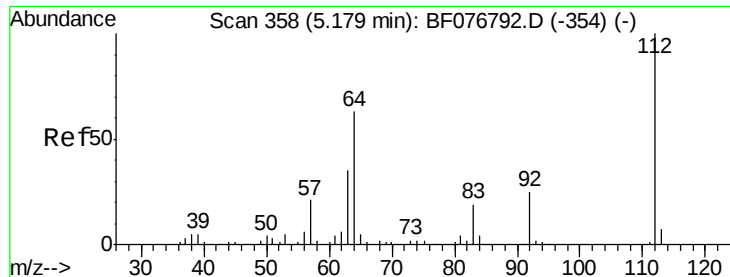


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

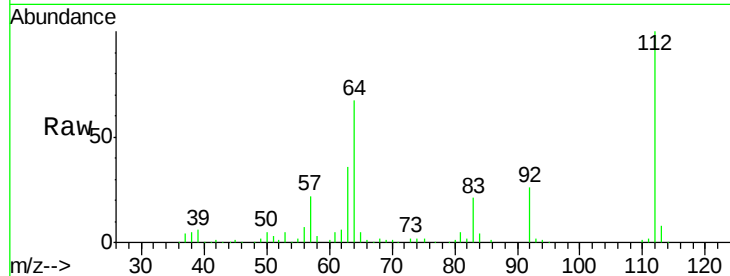




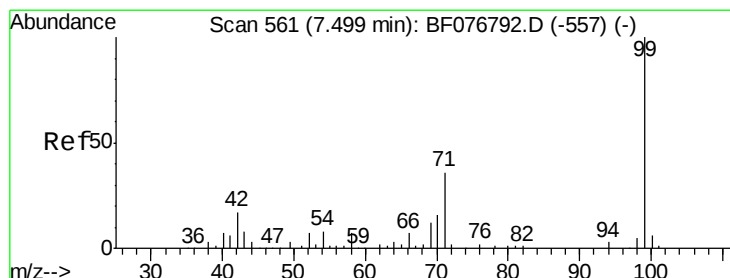
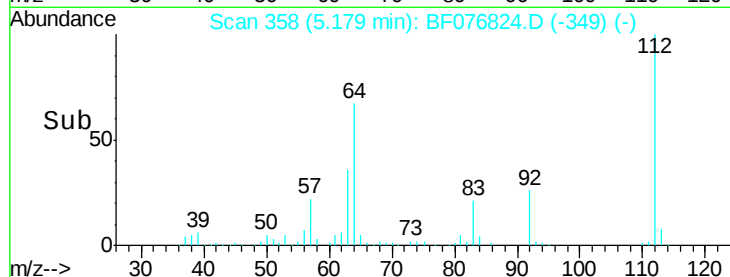
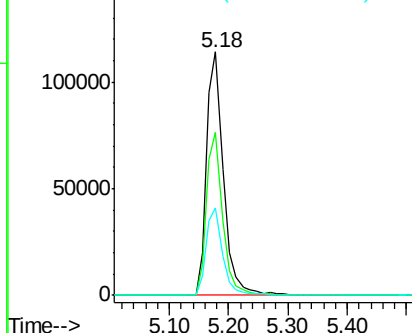
#5
 2-Fluorophenol
 Concen: 124.62 ng
 RT: 5.18 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: BF076824.D
 Acq: 13 Jan 2015 1:52

Instrument :
 BNA_F
 ClientSampleId :
 DIN46-WASTE-GRAB-4

Tgt Ion: 112 Resp: 226620
 Ion Ratio Lower Upper
 112 100
 64 67.1 50.2 75.4
 63 35.9 27.8 41.6

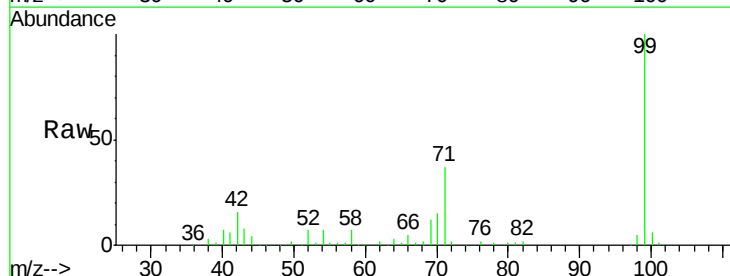


Abundance Ion 112.00 (111.70 to 112.70): BF0
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

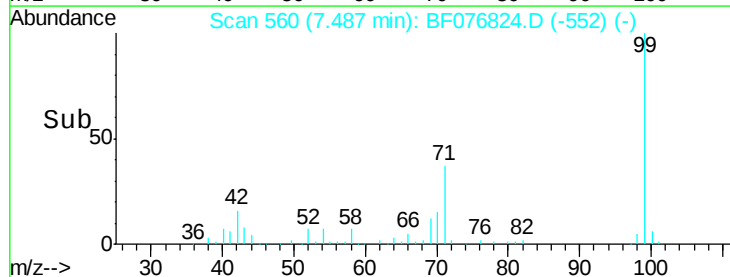
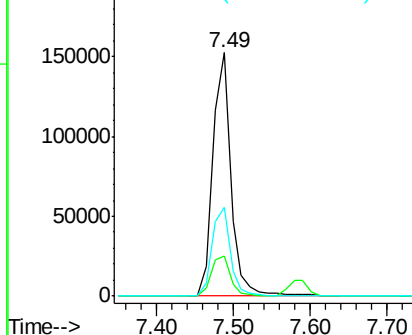


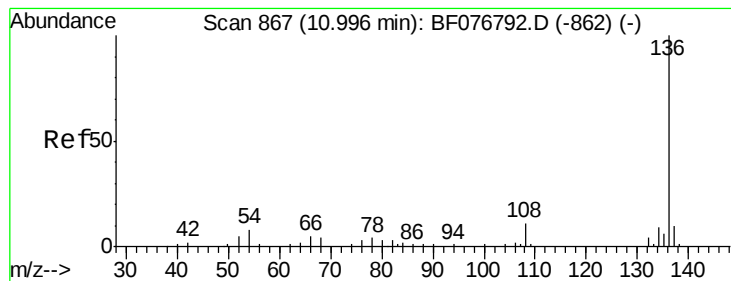
#7
 Phenol-d6
 Concen: 109.12 ng
 RT: 7.49 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF076824.D
 Acq: 13 Jan 2015 1:52

Tgt Ion: 99 Resp: 249825
 Ion Ratio Lower Upper
 99 100
 42 16.3 13.3 19.9
 71 36.5 29.2 43.8



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.00 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF076824.D

Acq: 13 Jan 2015 1:52

Instrument :

BNA_F

ClientSampleId :

DIN46-WASTE-GRAB-4

Tgt Ion: 136 Resp: 131859

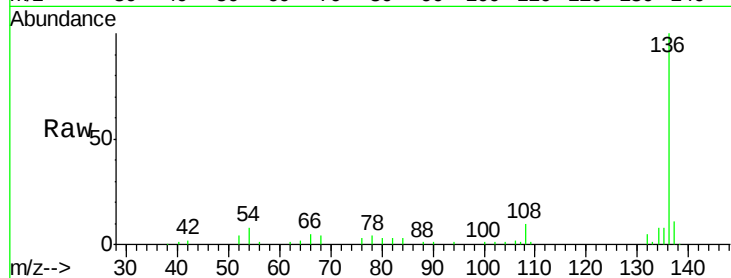
Ion Ratio Lower Upper

136 100

137 11.4 8.1 12.1

54 7.6 6.3 9.5

68 3.9 3.4 5.0

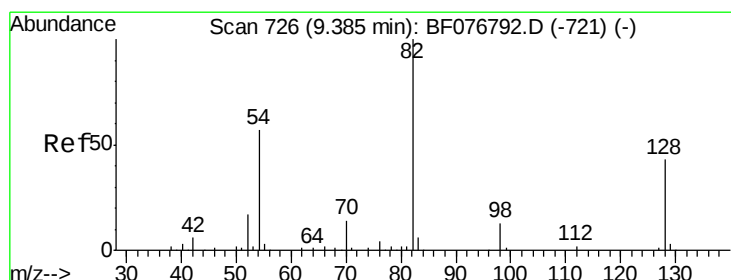
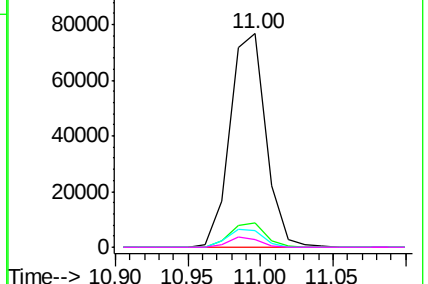
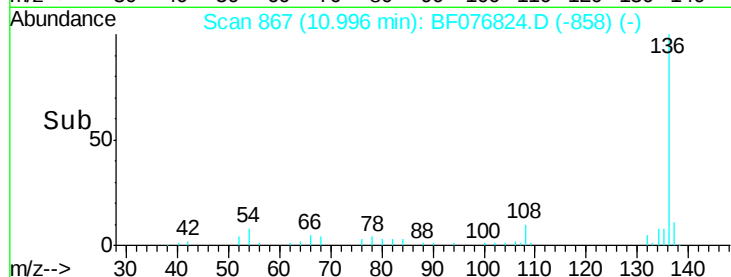


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.53 ng

RT: 9.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF076824.D

Acq: 13 Jan 2015 1:52

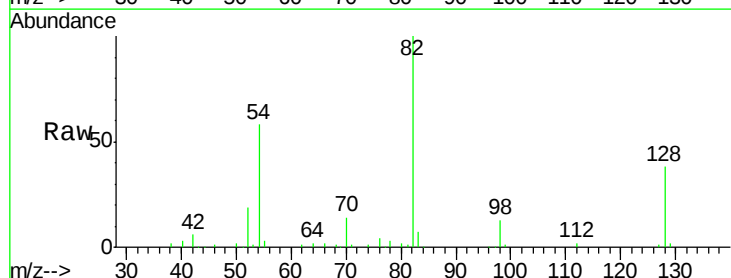
Tgt Ion: 82 Resp: 212444

Ion Ratio Lower Upper

82 100

128 38.4 34.0 51.0

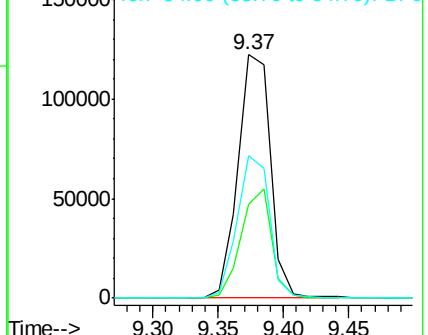
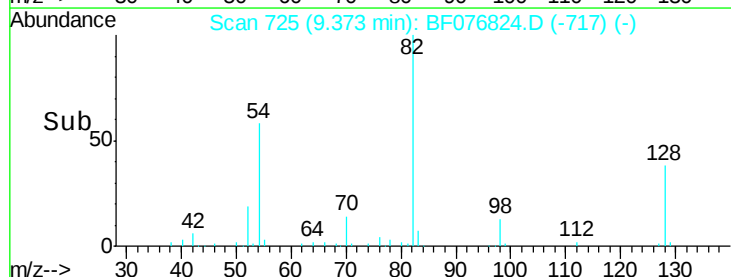
54 58.4 45.6 68.4

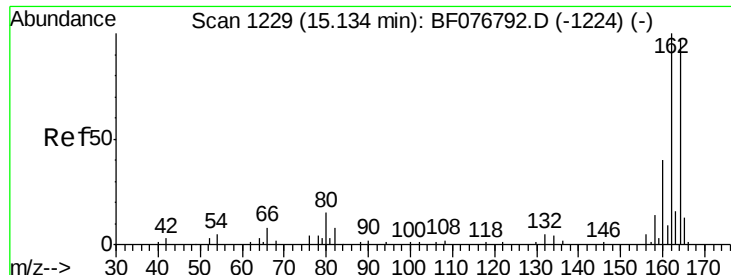


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 15.12 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF076824.D

Acq: 13 Jan 2015 1:52

Instrument :

BNA_F

ClientSampleId :

DIN46-WASTE-GRAB-4

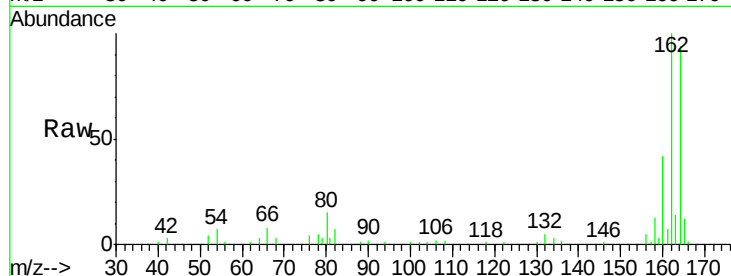
Tgt Ion:164 Resp: 69129

Ion Ratio Lower Upper

164 100

162 106.9 82.5 123.7

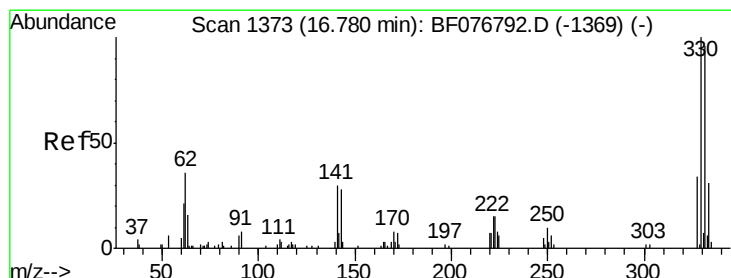
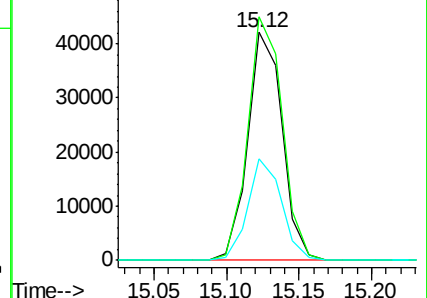
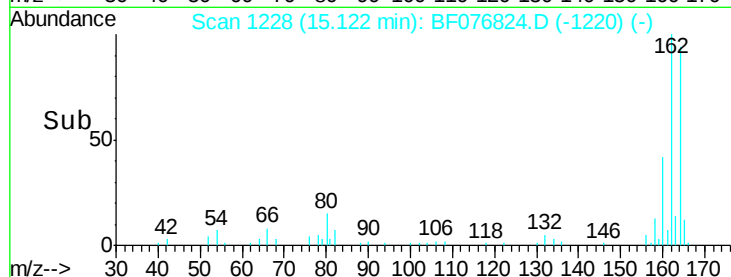
160 44.6 33.1 49.7



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: 131.87 ng

RT: 16.77 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF076824.D

Acq: 13 Jan 2015 1:52

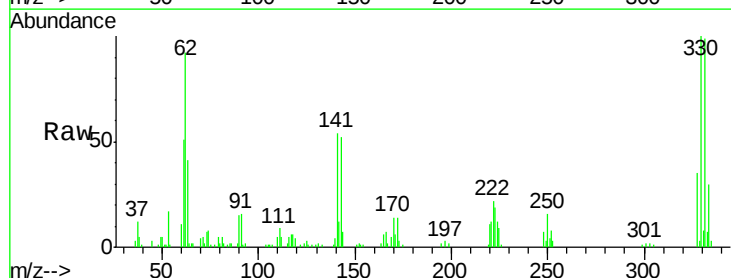
Tgt Ion:330 Resp: 76088

Ion Ratio Lower Upper

330 100

332 98.0 74.8 112.2

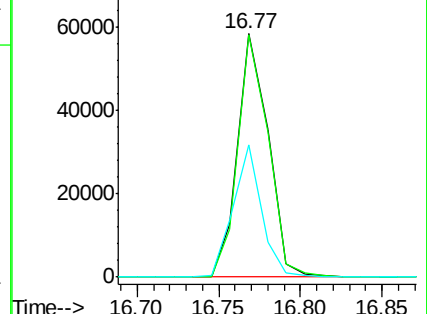
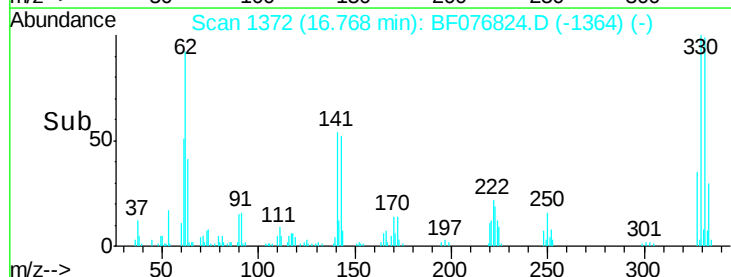
141 50.1 42.4 63.6

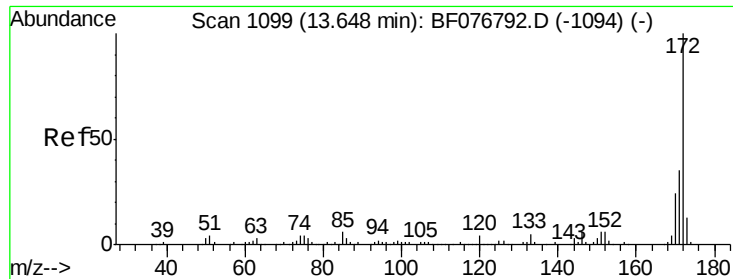


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

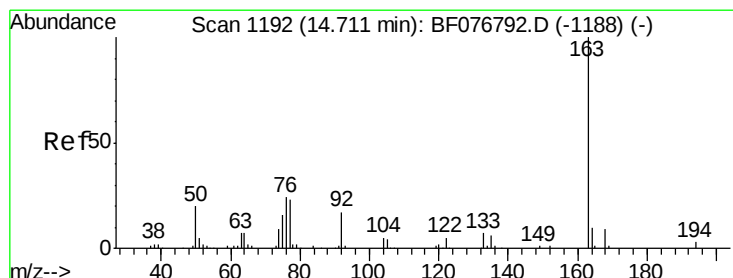
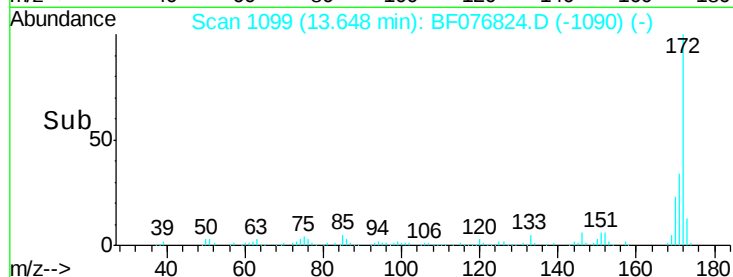
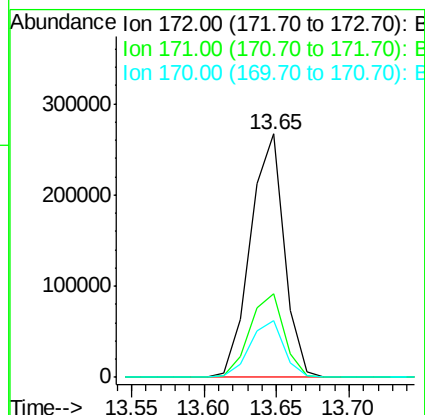
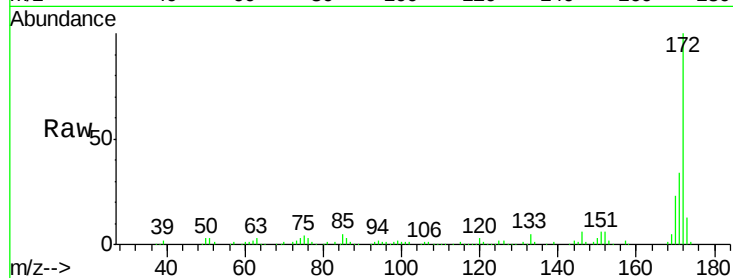




#44
 2-Fluorobiphenyl
 Concen: 91.84 ng
 RT: 13.65 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF076824.D
 Acq: 13 Jan 2015 1:52

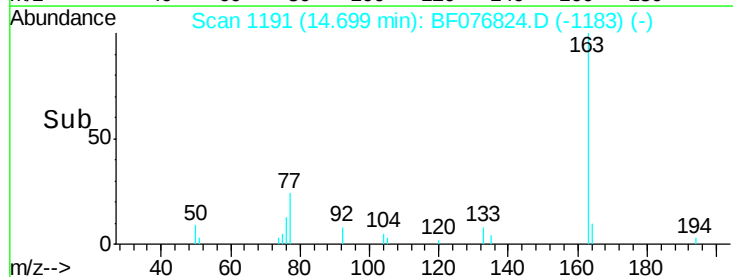
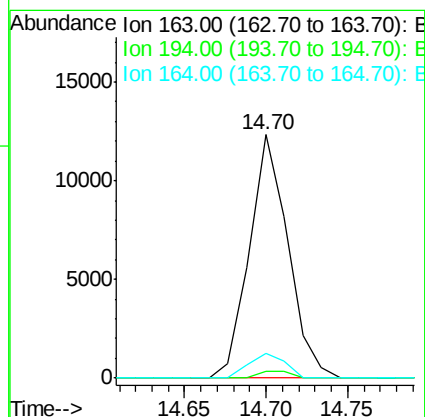
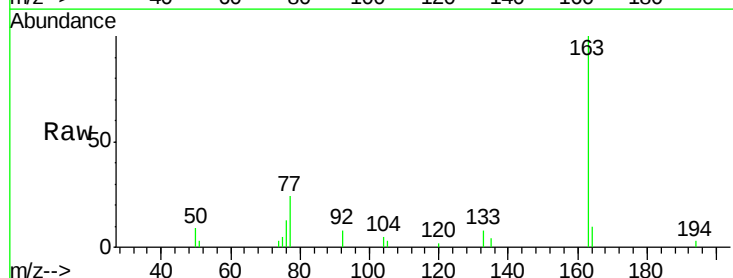
Instrument :
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 DIN46-WASTE-GRAB-4

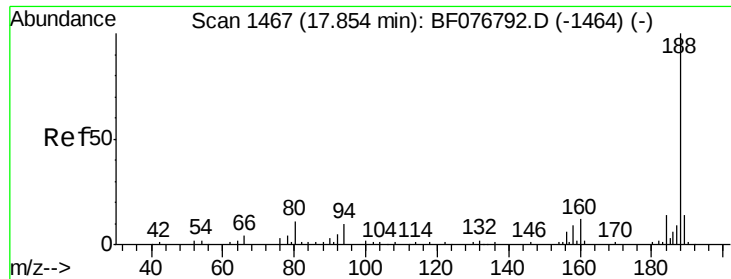
Tgt Ion:172 Resp: 431361
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.8 41.8
 170 23.4 18.8 28.2



#49
 Dimethylphthalate
 Concen: 4.04 ng
 RT: 14.70 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF076824.D
 Acq: 13 Jan 2015 1:52

Tgt Ion:163 Resp: 20312
 Ion Ratio Lower Upper
 163 100
 194 2.8 2.3 3.5
 164 9.9 8.3 12.5

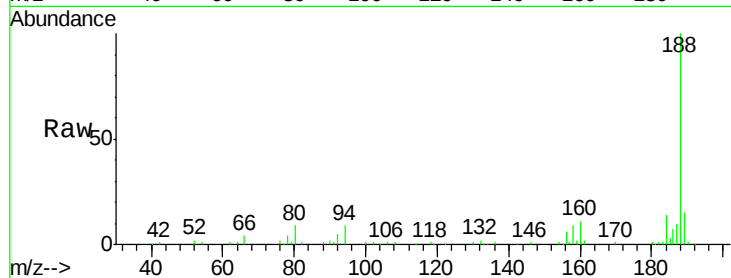




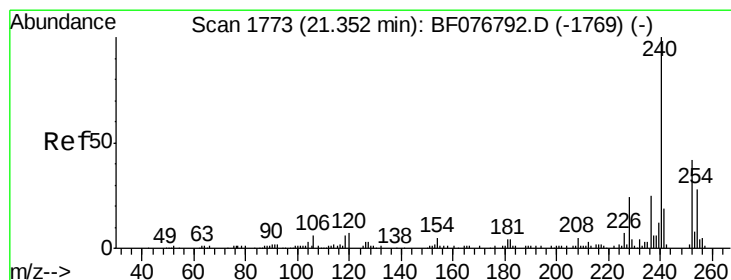
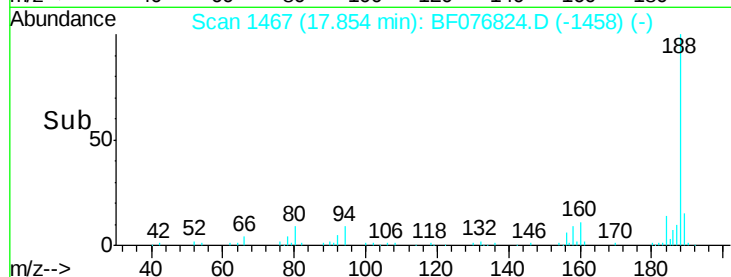
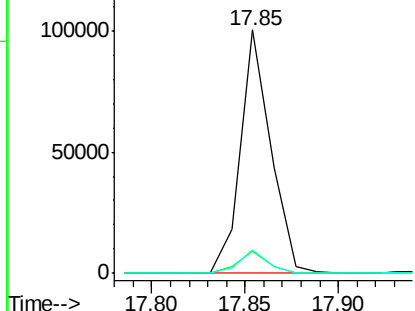
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF076824.D
Acq: 13 Jan 2015 1:52

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-GRAB-4

Tgt Ion:188 Resp: 113599
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.6
80 9.5 8.6 13.0

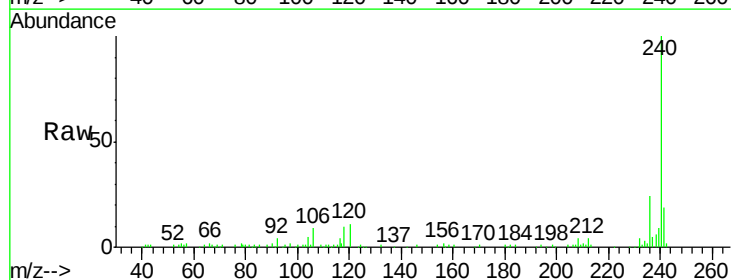


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

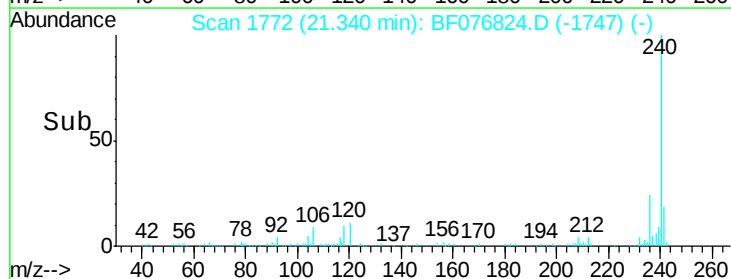
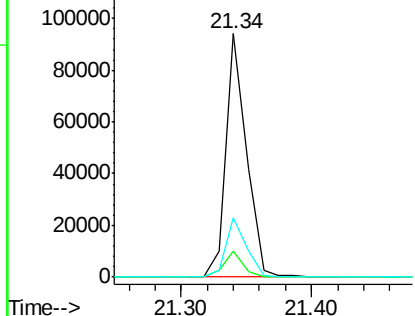


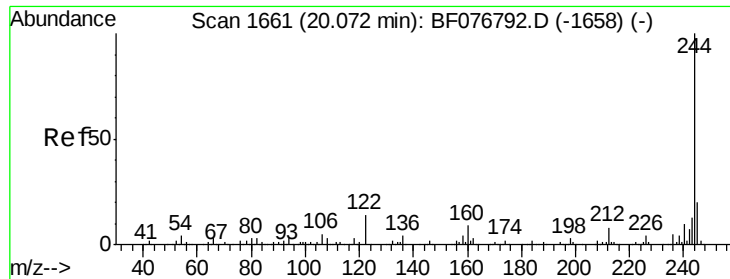
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF076824.D
Acq: 13 Jan 2015 1:52

Tgt Ion:240 Resp: 102705
Ion Ratio Lower Upper
240 100
120 10.8 5.7 8.5#
236 24.3 19.7 29.5



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

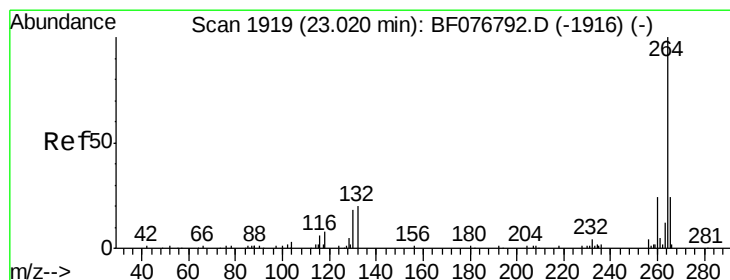
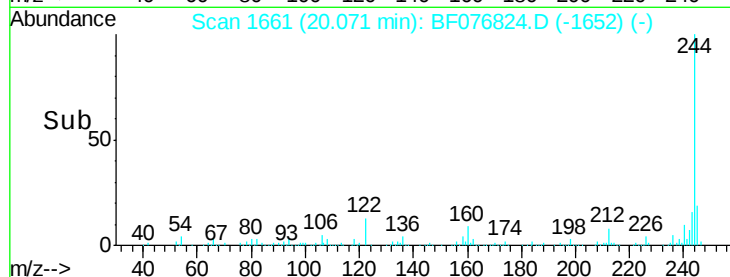
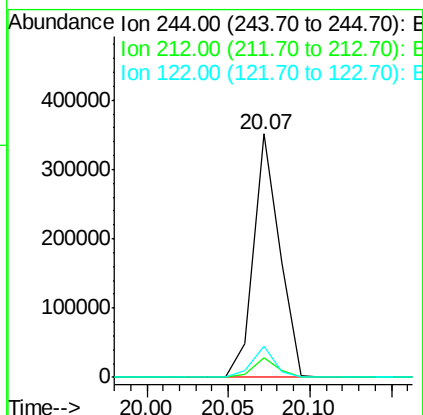
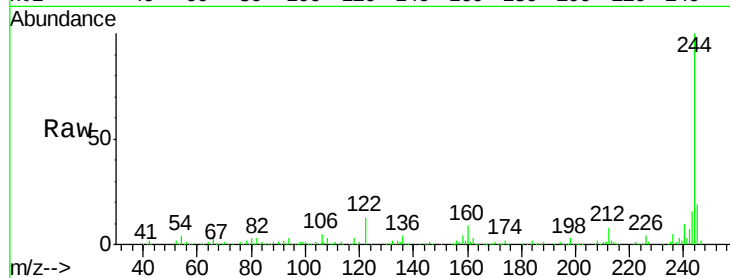




#78
 Terphenyl-d14
 Concen: 83.39 ng
 RT: 20.07 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: BF076824.D
 Acq: 13 Jan 2015 1:52

Instrument :
 BNA_F
 ClientSampleId :
 DIN46-WASTE-GRAB-4

Tgt Ion: 244 Resp: 390102
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 12.8 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.01 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BF076824.D
 Acq: 13 Jan 2015 1:52

Tgt Ion: 264 Resp: 89402
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.4 29.0
 265 20.5 18.9 28.3

