

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098726.D
 Acq On : 23 Sep 2017 5:17
 Operator : SJ/JU
 Sample : I5304-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-116-6(30-40)

Quant Time: Sep 23 06:43:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

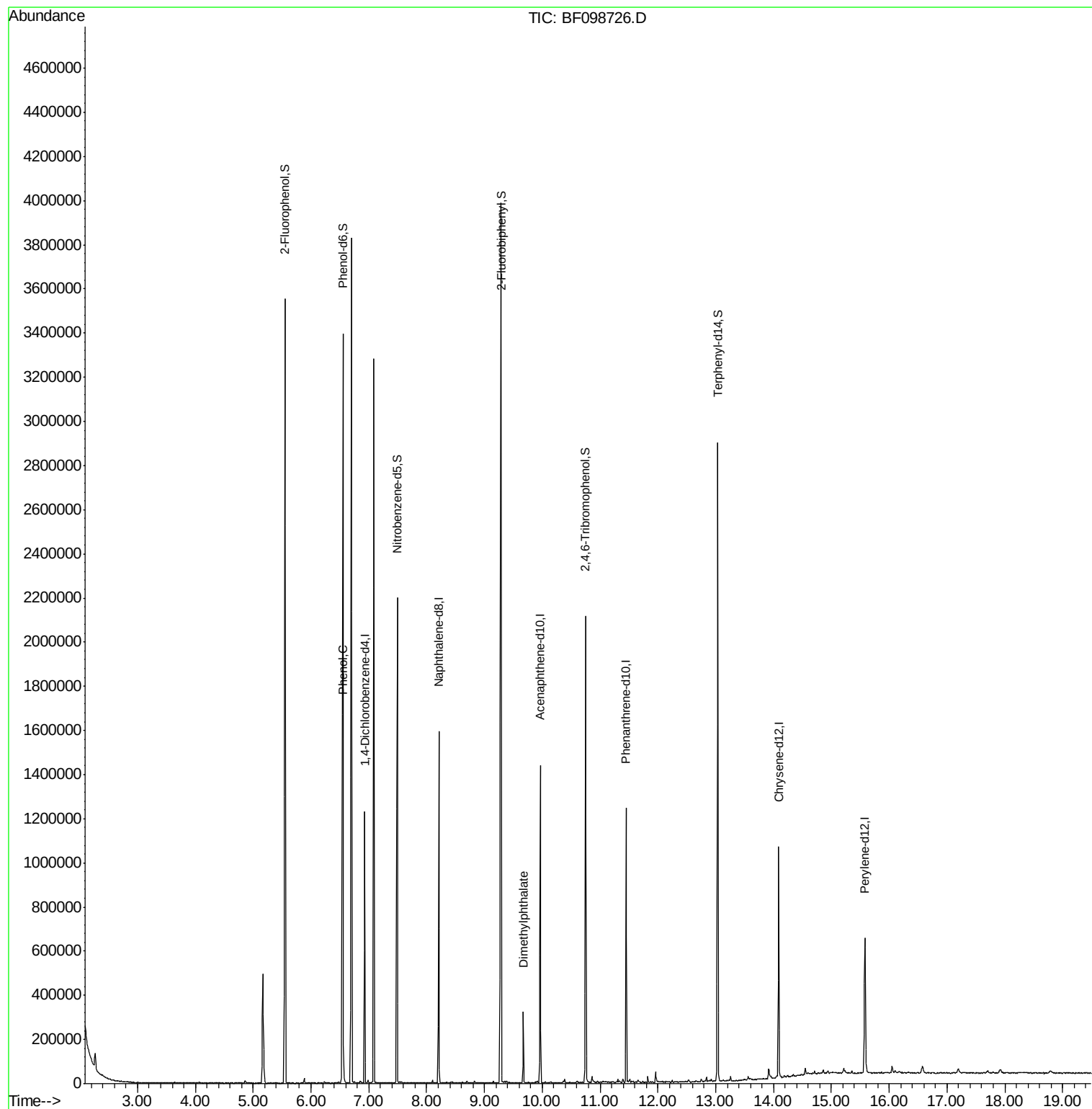
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	159846	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	647217	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	263132	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	382103	20.00	ng	0.00
75) Chrysene-d12	14.09	240	335008	20.00	ng	0.00
86) Perylene-d12	15.58	264	276270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1110910	105.54	ng	0.01
7) Phenol-d6	6.55	99	1319922	103.55	ng	0.00
23) Nitrobenzene-d5	7.49	82	792536	83.06	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	237842	98.84	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1300566	78.65	ng	0.00
78) Terphenyl-d14	13.03	244	896946	57.49	ng	0.00
Target Compounds						
10) Phenol	6.56	94	35798	2.544	ng	93
49) Dimethylphthalate	9.67	163	125873	6.379	ng	98

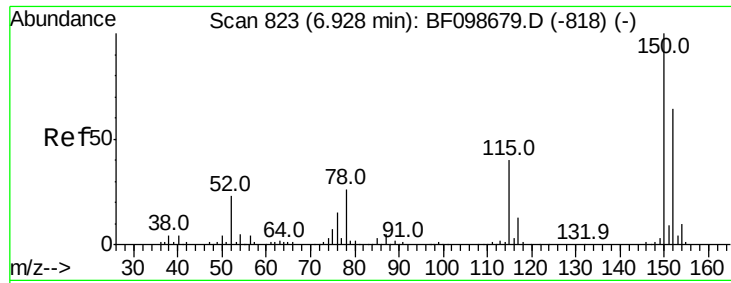
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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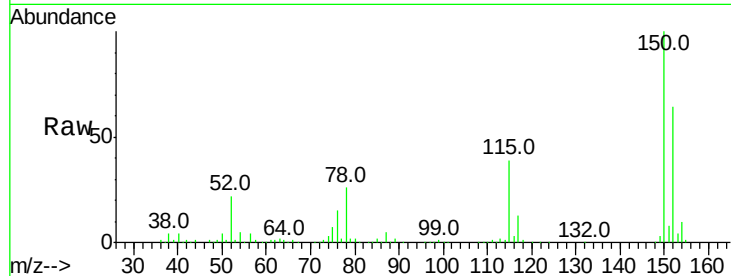


#1

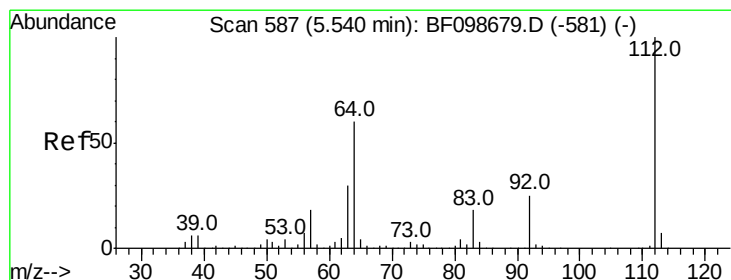
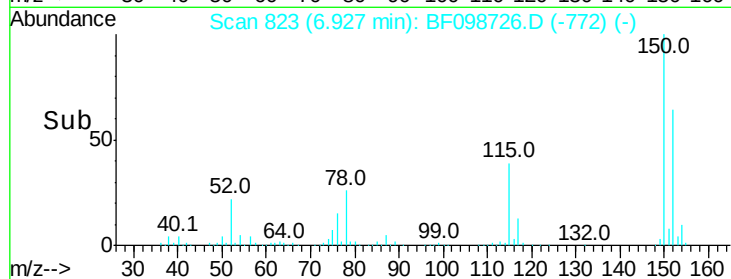
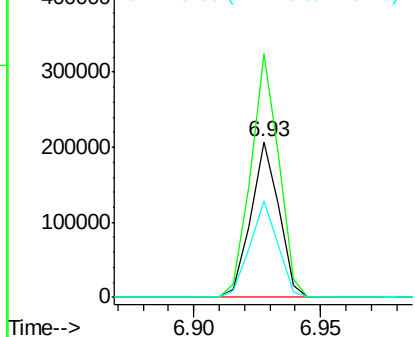
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098726.D
Acq: 23 Sep 2017 5:17

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-6(30-40)

Tot Ion:152 Resp: 159846
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 61.7 50.1 75.1



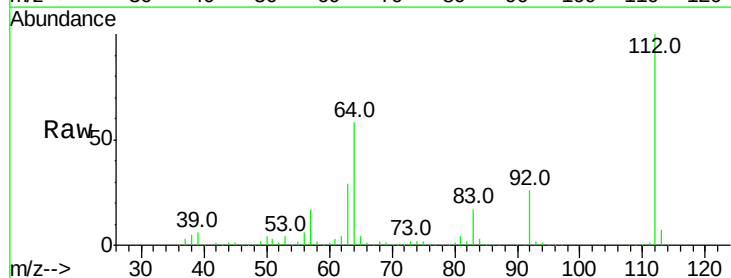
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



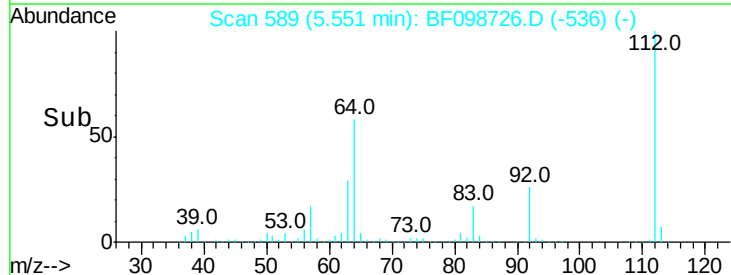
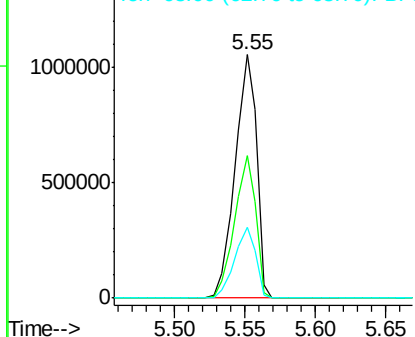
#5

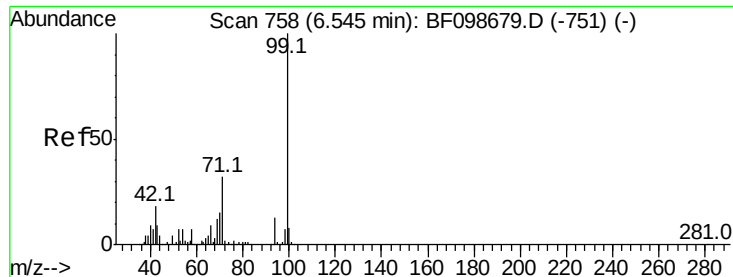
2-Fluorophenol
Concen: 105.535 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF098726.D
Acq: 23 Sep 2017 5:17

Tgt Ion:112 Resp: 1110910
Ion Ratio Lower Upper
112 100
64 58.5 47.9 71.9
63 29.0 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: 103.548 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098726.D

Acq: 23 Sep 2017 5:17

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-116-6(30-40)

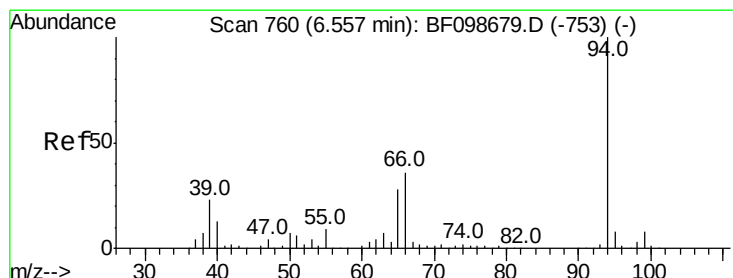
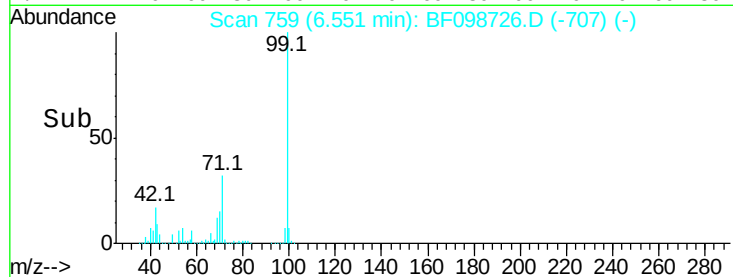
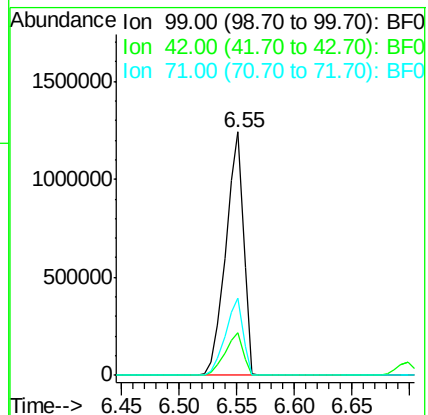
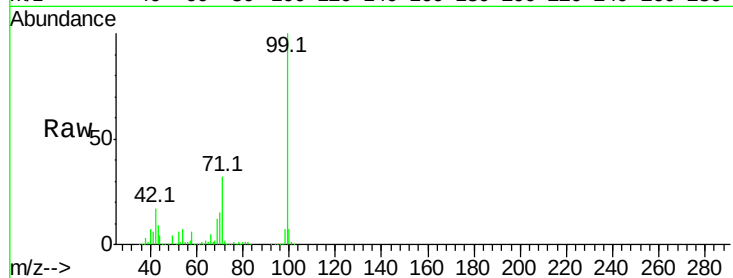
Tot Ion: 99 Resp: 1319922

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

71 31.9 25.4 38.0



#10

Phenol

Concen: 2.544 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF098726.D

Acq: 23 Sep 2017 5:17

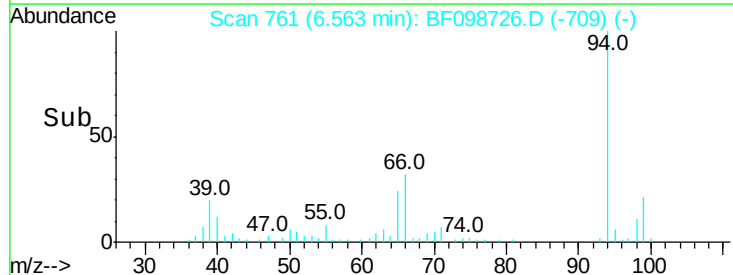
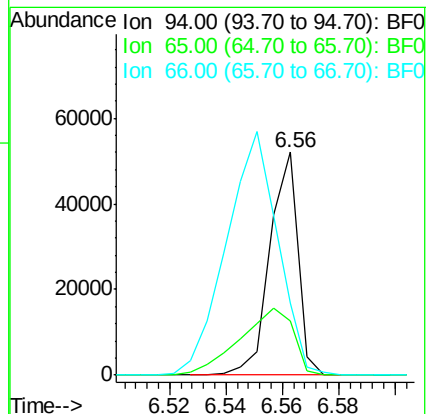
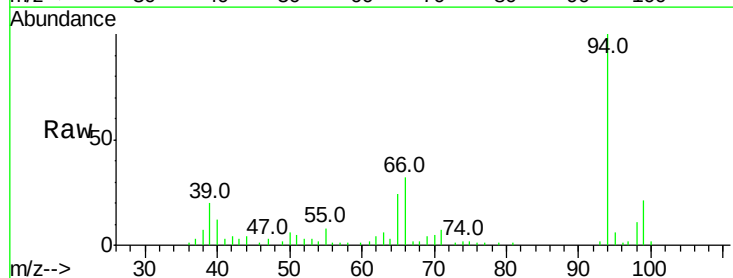
Tgt Ion: 94 Resp: 35798

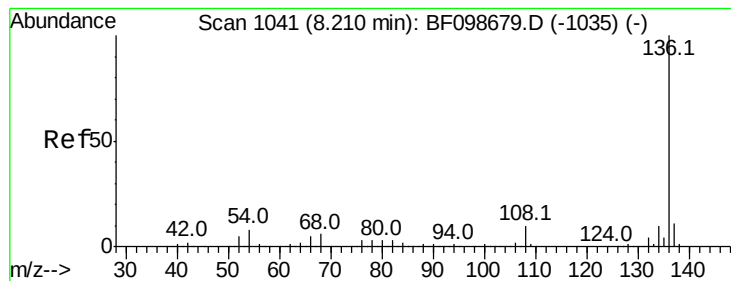
Ion Ratio Lower Upper

94 100

65 24.4 7.9 47.9

66 32.2 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF098726.D

Acq: 23 Sep 2017 5:17

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-116-6(30-40)

Tot Ion:136 Resp: 647217

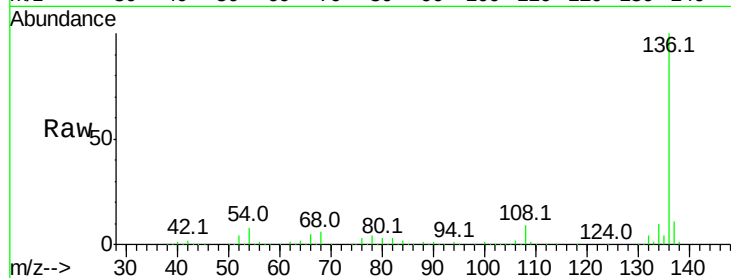
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.0 6.6 9.8

68 5.9 5.0 7.4

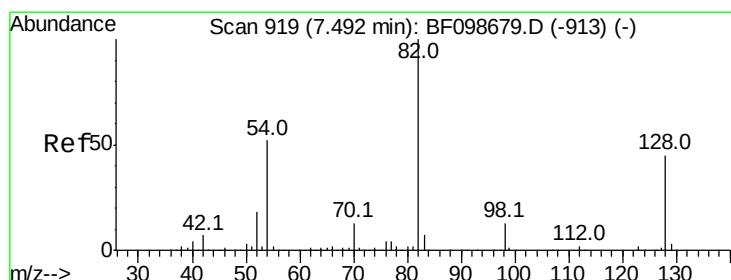
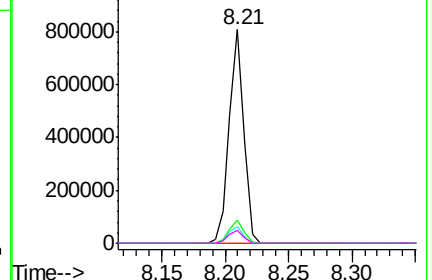
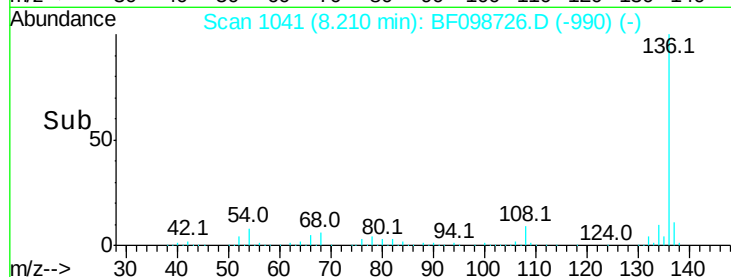


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.061 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF098726.D

Acq: 23 Sep 2017 5:17

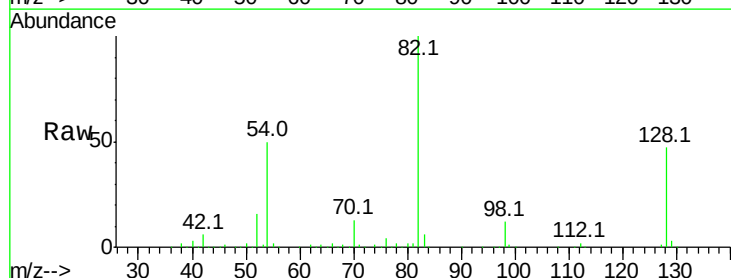
Tgt Ion: 82 Resp: 792536

Ion Ratio Lower Upper

82 100

128 47.4 36.1 54.1

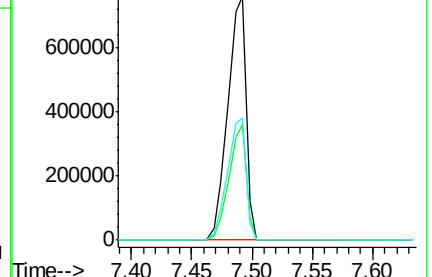
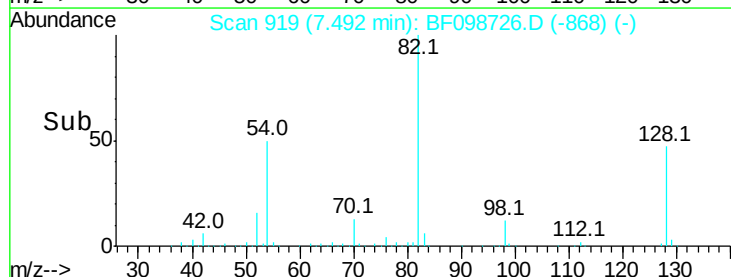
54 50.1 41.4 62.2

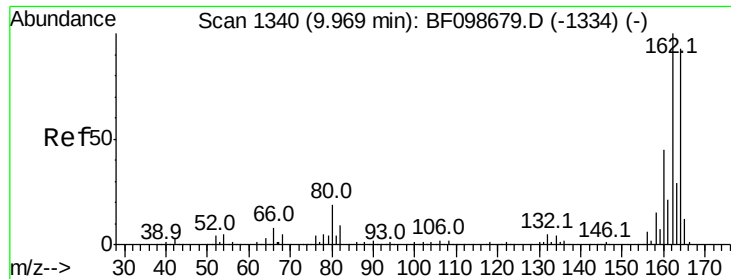


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

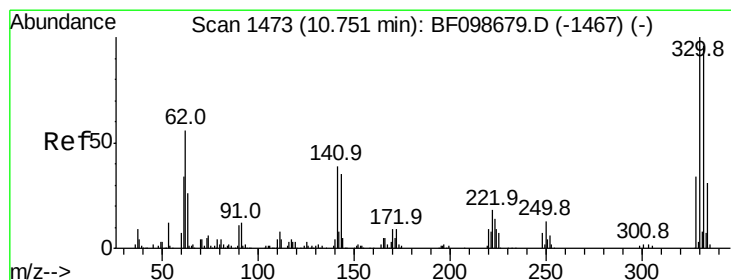
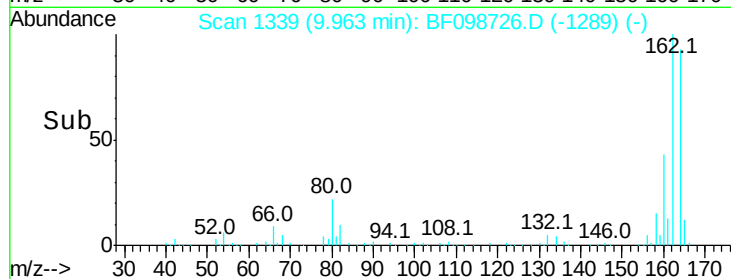
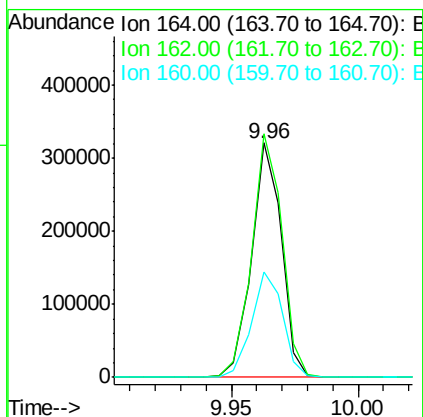
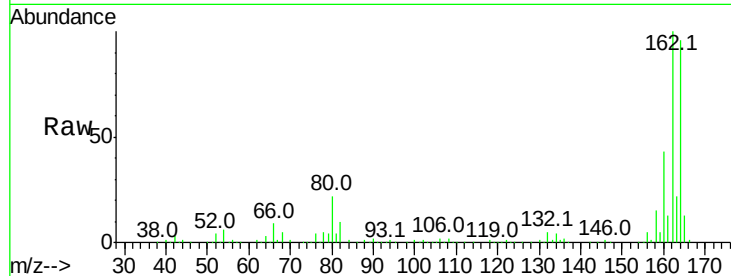




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF098726.D
 Acq: 23 Sep 2017 5:17

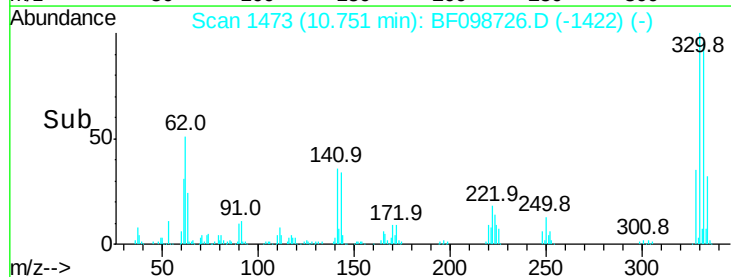
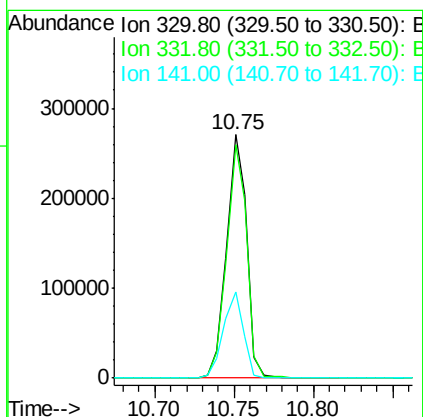
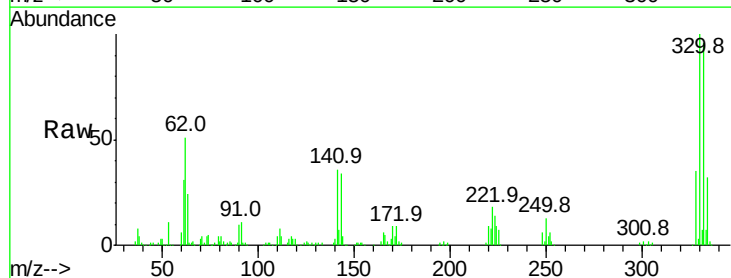
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-116-6(30-40)

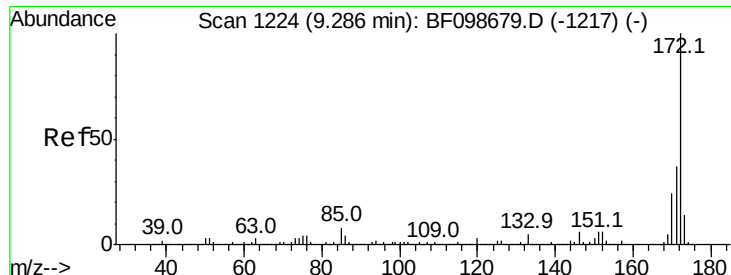
Tot Ion:164 Resp: 263132
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 44.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 98.837 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098726.D
 Acq: 23 Sep 2017 5:17

Tgt Ion:330 Resp: 237842
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 35.4 29.9 44.9

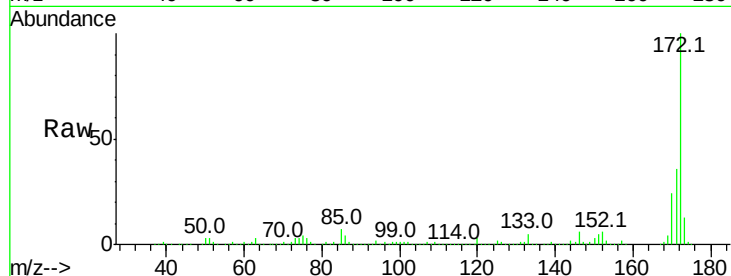




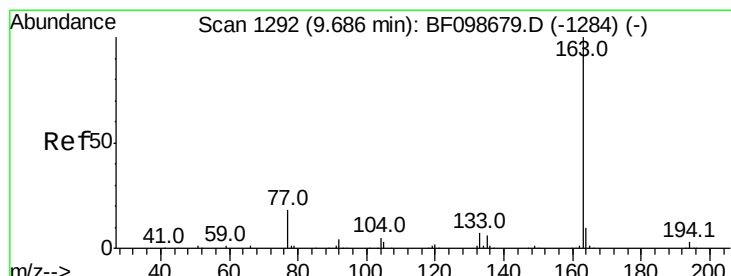
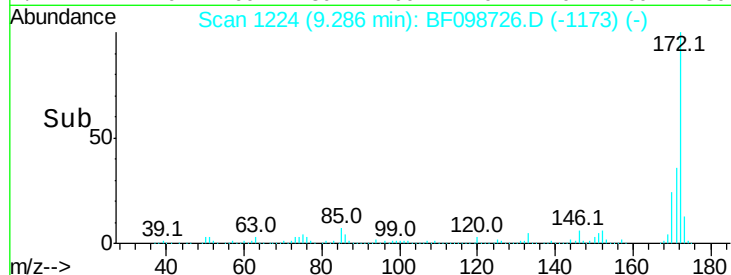
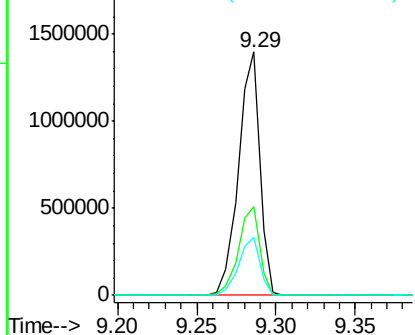
#44
2-Fluorobiphenyl
Concen: 78.651 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF098726.D
Acq: 23 Sep 2017 5:17

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-6(30-40)

Tot Ion:172 Resp: 1300566
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 23.7 19.6 29.4

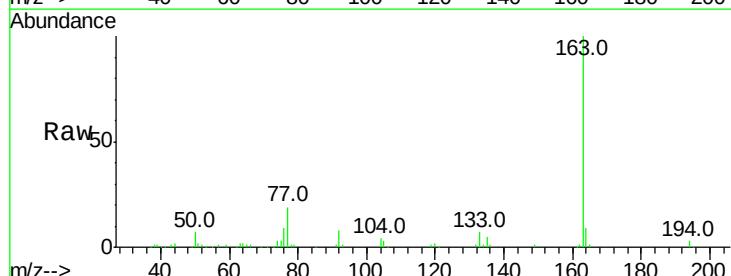


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

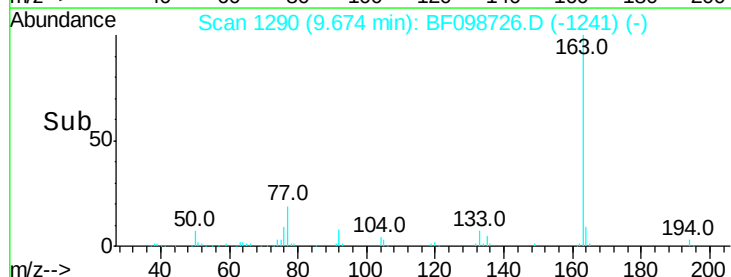
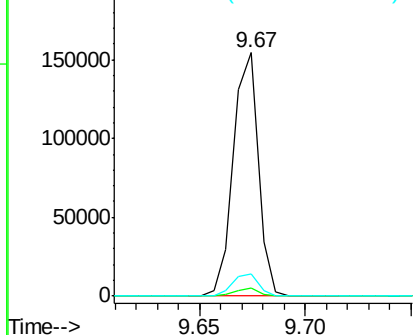


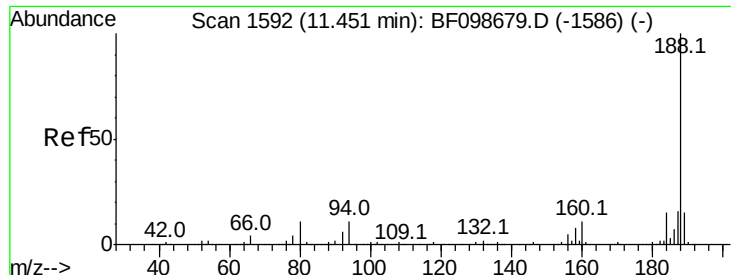
#49
Dimethylphthalate
Concen: 6.379 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF098726.D
Acq: 23 Sep 2017 5:17

Tgt Ion:163 Resp: 125873
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.4 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: 20.000 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF098726.D

Acq: 23 Sep 2017 5:17

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-116-6(30-40)

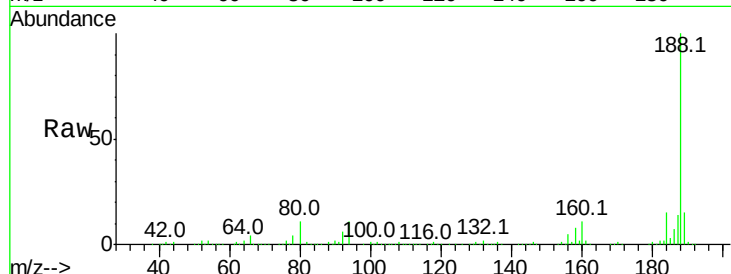
Tot Ion:188 Resp: 382103

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

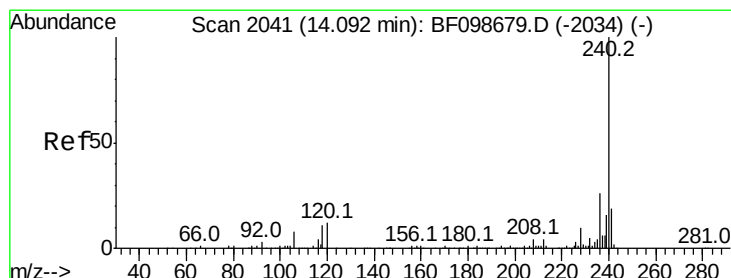
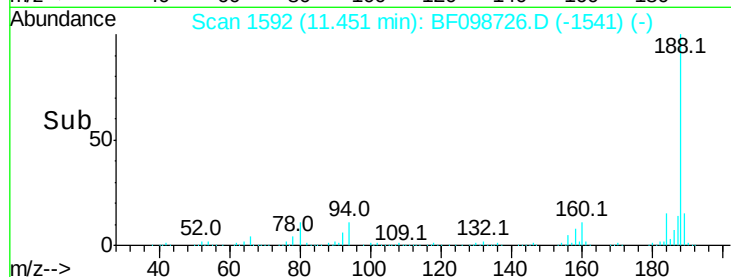
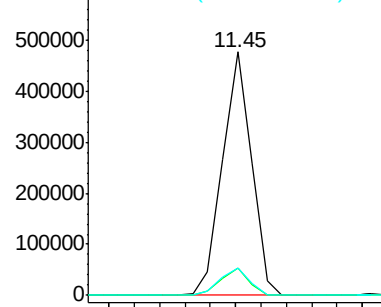
80 11.4 9.2 13.8



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: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF098726.D

Acq: 23 Sep 2017 5:17

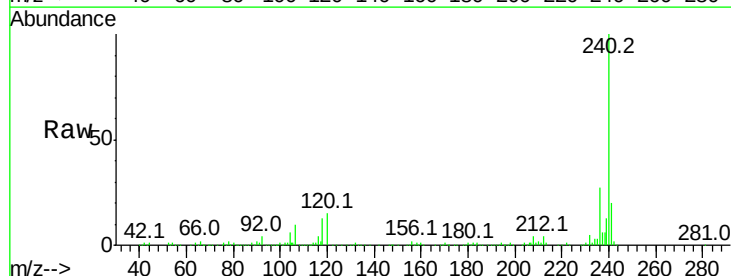
Tgt Ion:240 Resp: 335008

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

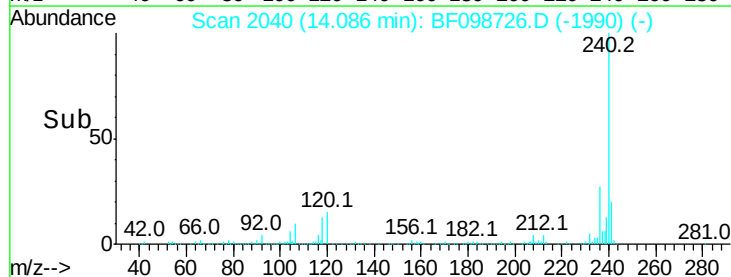
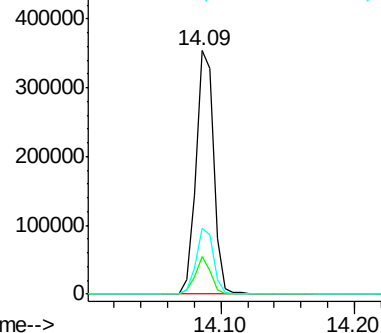
236 26.8 20.7 31.1

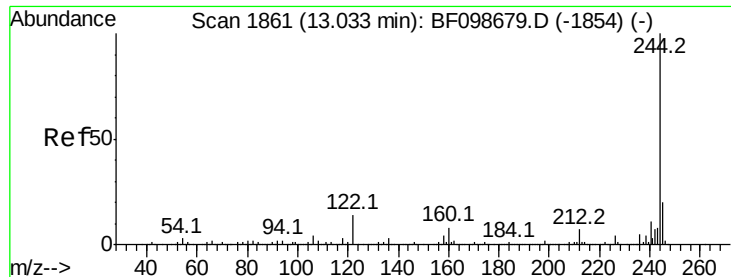


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

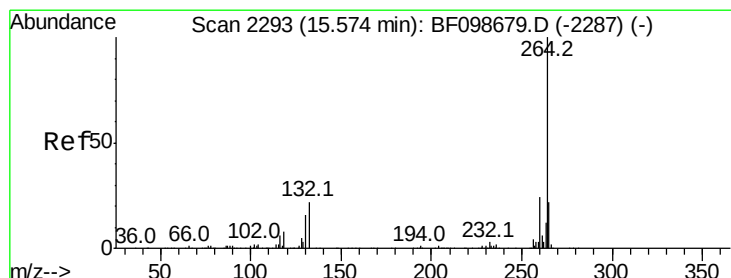
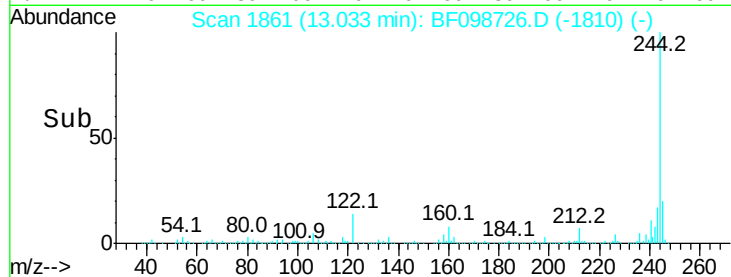
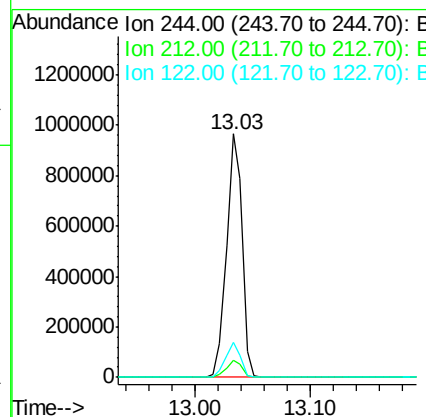
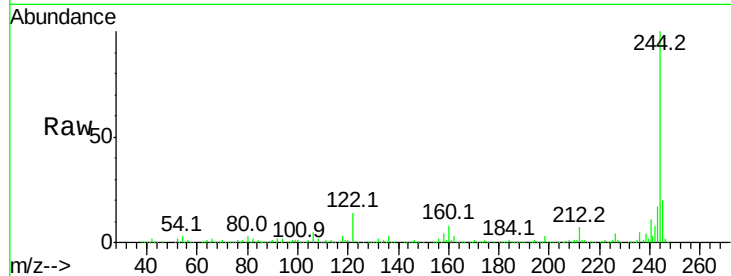




#78
 Terphenyl-d14
 Concen: 57.490 ng
 RT: 13.03 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BF098726.D
 Acq: 23 Sep 2017 5:17

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-116-6(30-40)

Tot Ion:244 Resp: 896946
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF098726.D
 Acq: 23 Sep 2017 5:17

Tgt Ion:264 Resp: 276270
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.7 17.5 26.3

