

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098725.D
 Acq On : 23 Sep 2017 4:49
 Operator : SJ/JU
 Sample : I5304-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-2(5-10)

Quant Time: Sep 23 05:48:35 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

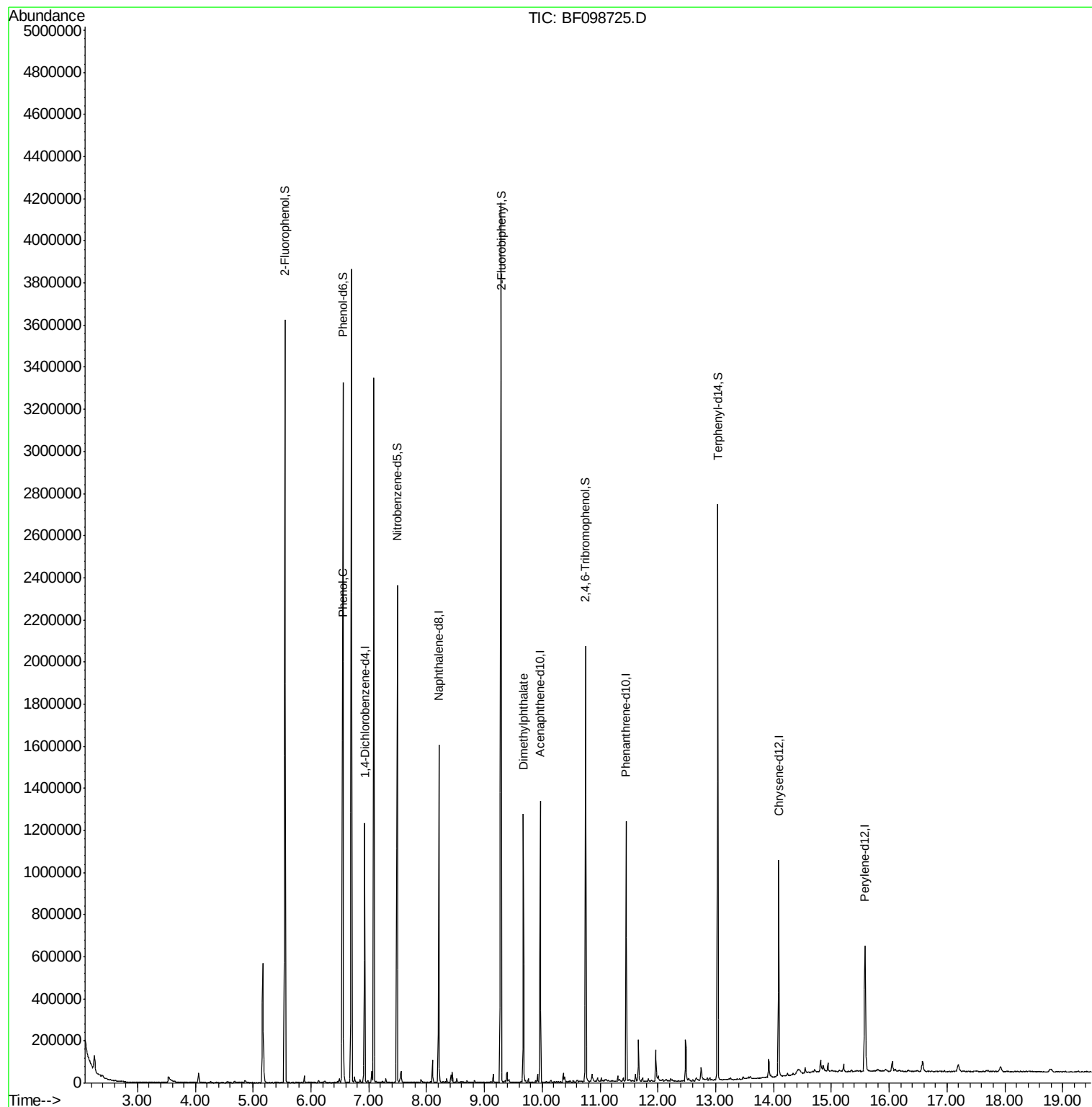
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	162100	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	654591	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	267324	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	377665	20.00	ng	0.00
75) Chrysene-d12	14.09	240	333567	20.00	ng	0.00
86) Perylene-d12	15.59	264	281344	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1117303	104.67	ng	0.01
7) Phenol-d6	6.55	99	1343001	103.89	ng	0.00
23) Nitrobenzene-d5	7.49	82	790646	81.93	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	233970	95.70	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1268691	75.52	ng	0.00
78) Terphenyl-d14	13.03	244	837996	53.94	ng	0.00
Target Compounds						
10) Phenol	6.56	94	33074	2.318	ng	99
49) Dimethylphthalate	9.67	163	447351	22.315	ng	100

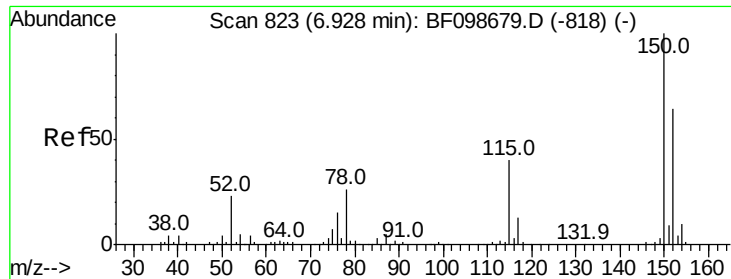
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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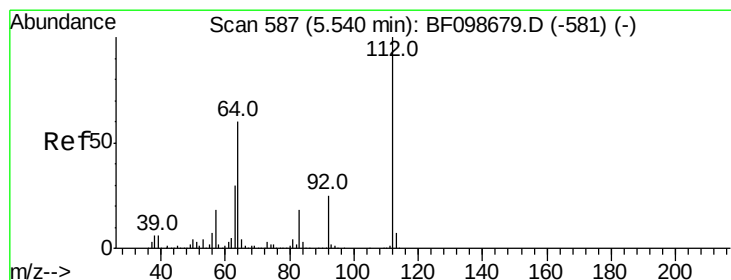
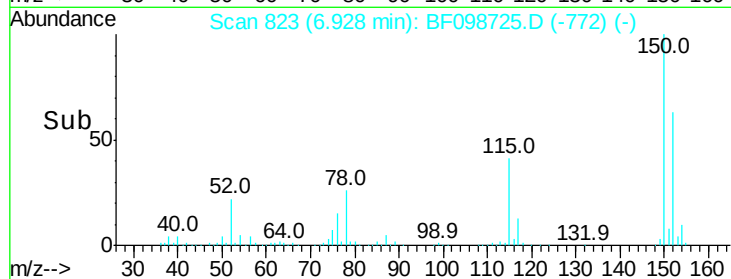
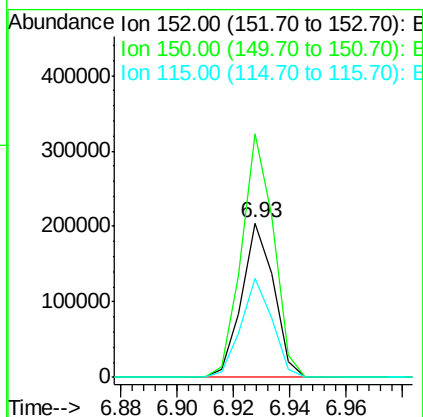
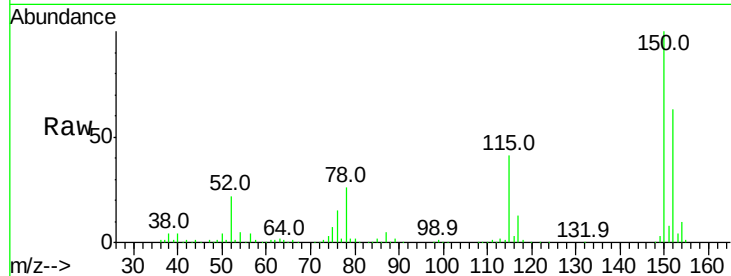


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098725.D
Acq: 23 Sep 2017 4:49

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(5-10)

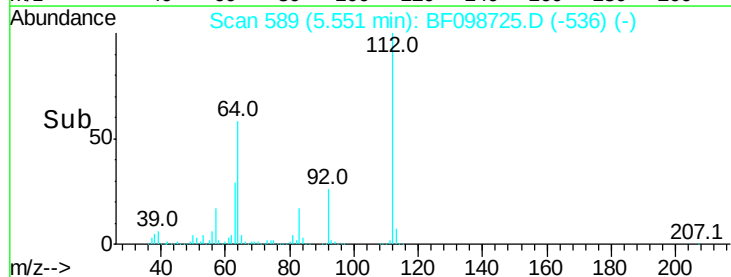
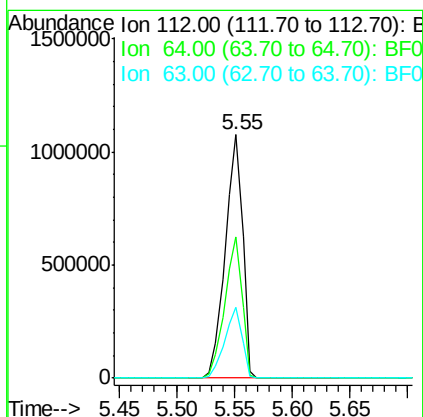
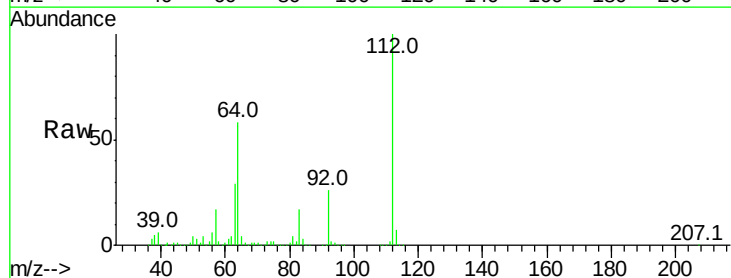
Tot Ion:152 Resp: 162100
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 64.0 50.1 75.1

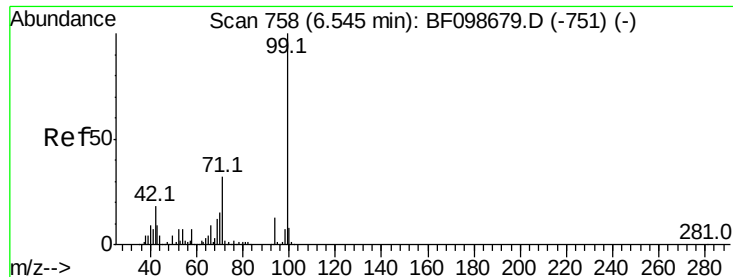


#5

2-Fluorophenol
Concen: 104.667 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF098725.D
Acq: 23 Sep 2017 4:49

Tgt Ion:112 Resp: 1117303
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 29.0 23.7 35.5





#7

Phenol-d6

Concen: 103.894 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098725.D

Acq: 23 Sep 2017 4:49

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-2(5-10)

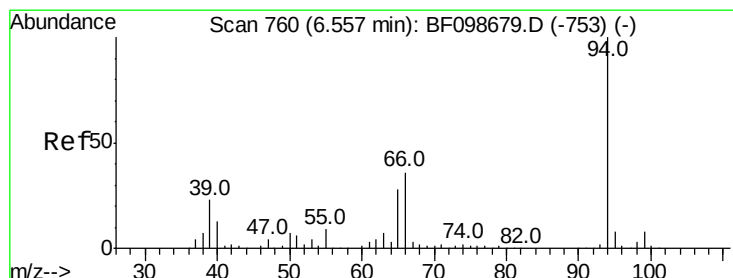
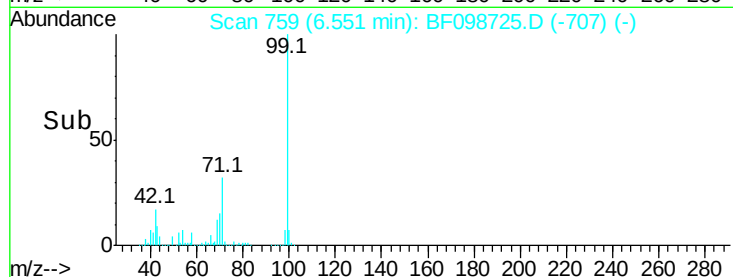
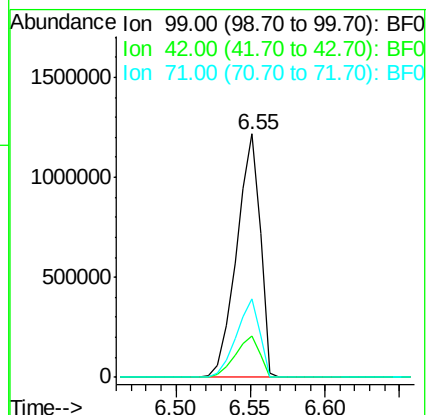
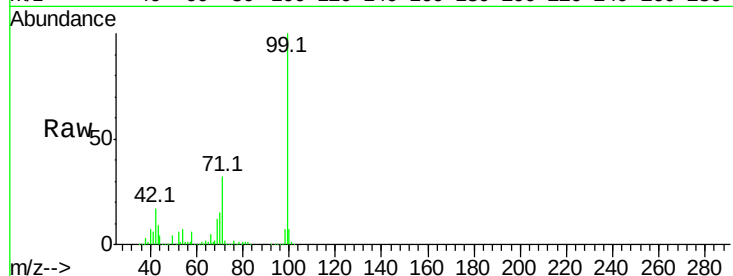
Tot Ion: 99 Resp: 1343001

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

71 32.3 25.4 38.0



#10

Phenol

Concen: 2.318 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF098725.D

Acq: 23 Sep 2017 4:49

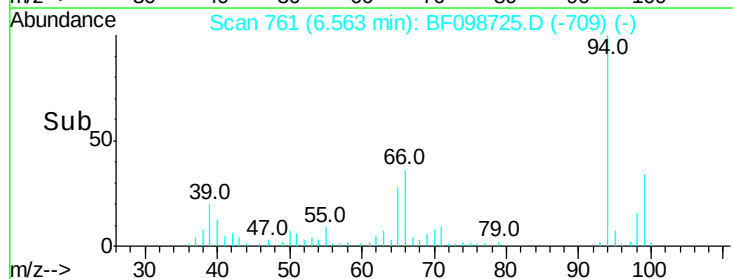
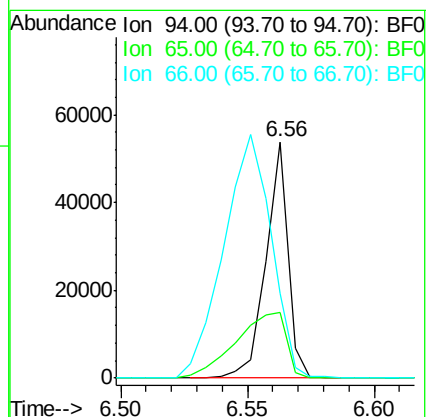
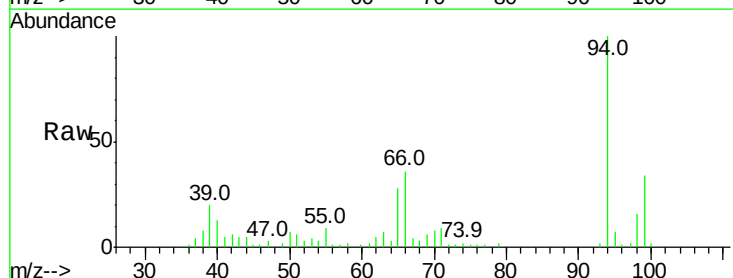
Tgt Ion: 94 Resp: 33074

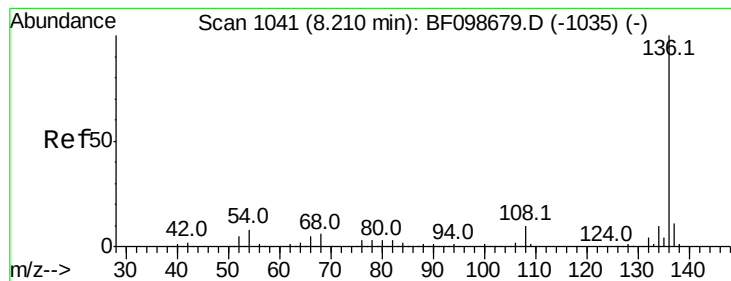
Ion Ratio Lower Upper

94 100

65 27.7 7.9 47.9

66 35.7 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: BF098725.D

Acq: 23 Sep 2017 4:49

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-2(5-10)

Tot Ion:136 Resp: 654591

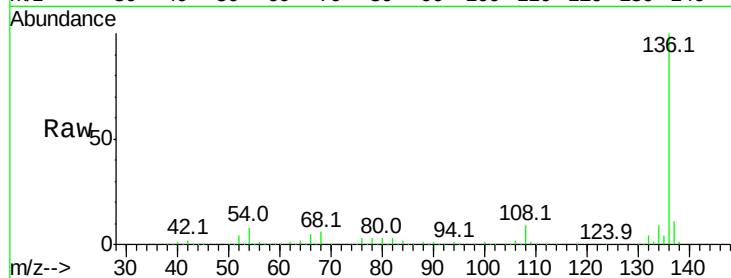
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.8 6.6 9.8

68 6.3 5.0 7.4

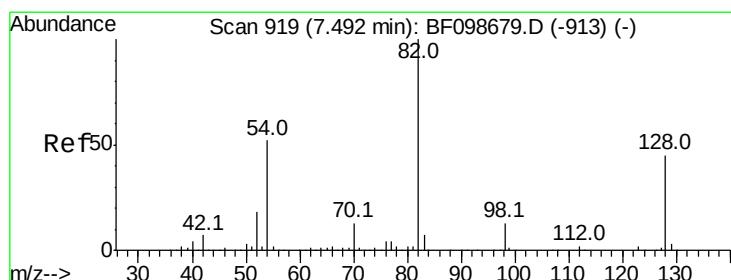
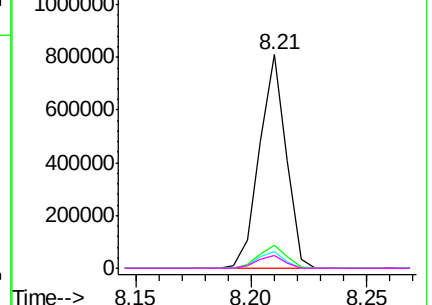
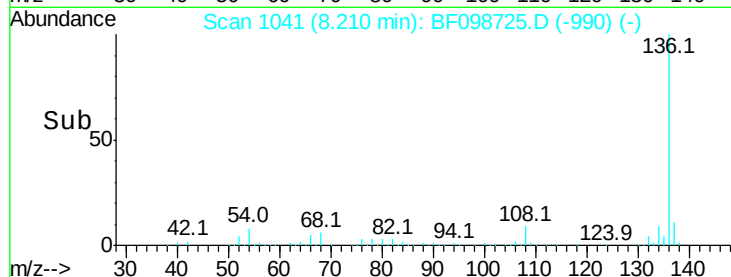


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.929 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF098725.D

Acq: 23 Sep 2017 4:49

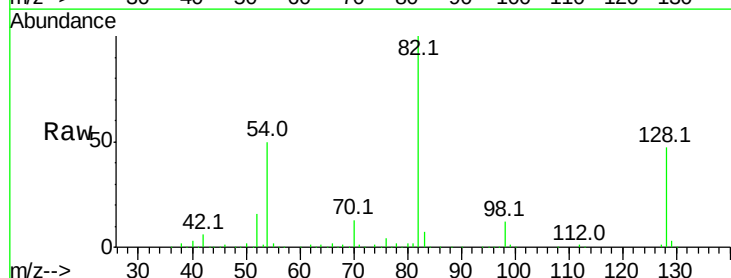
Tgt Ion: 82 Resp: 790646

Ion Ratio Lower Upper

82 100

128 47.4 36.1 54.1

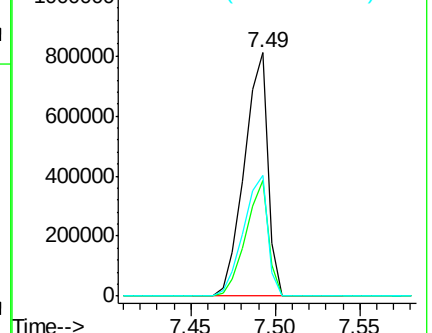
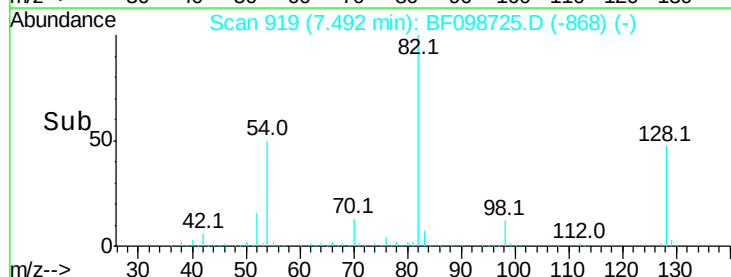
54 49.7 41.4 62.2

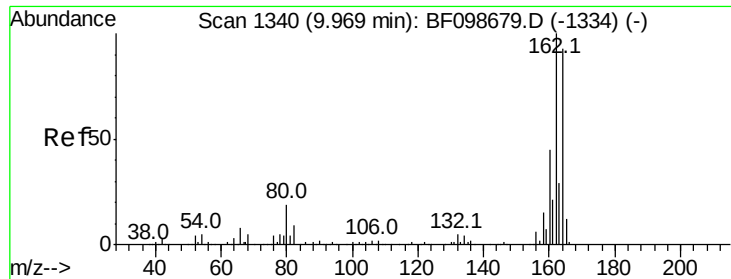


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

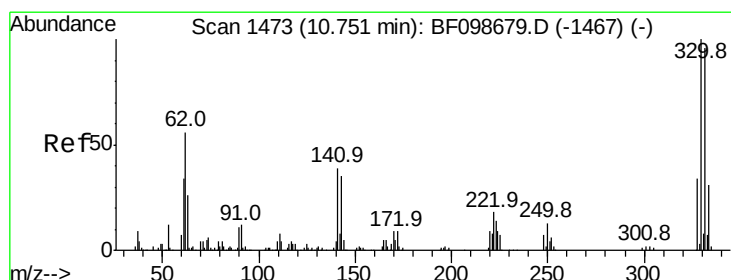
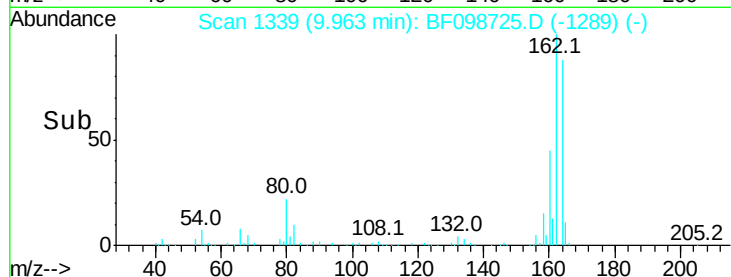
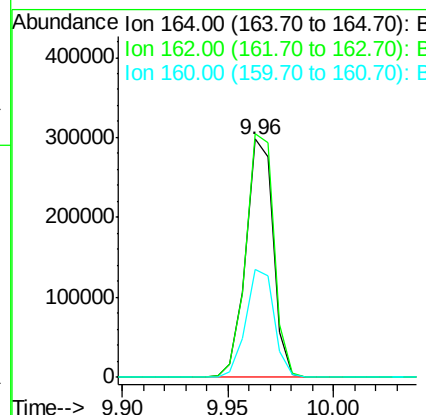
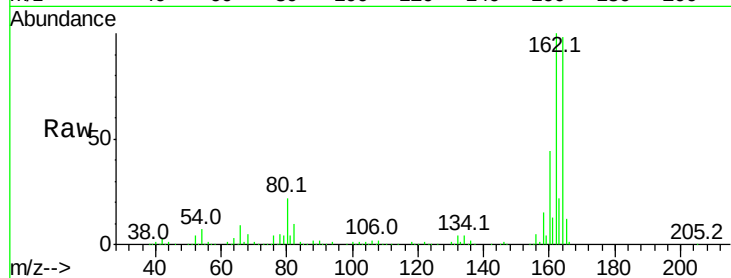




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF098725.D
 Acq: 23 Sep 2017 4:49

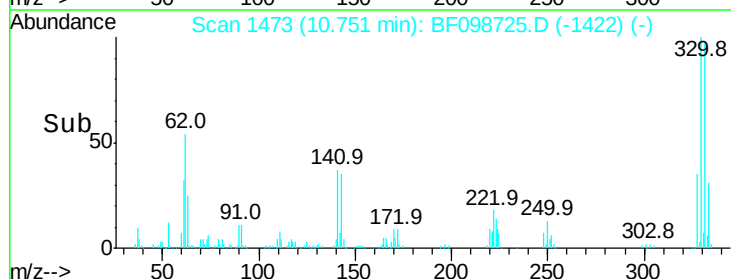
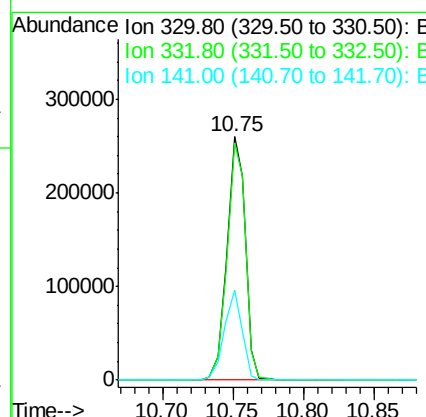
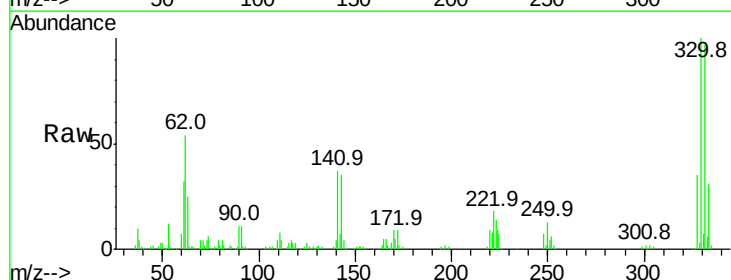
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-2(5-10)

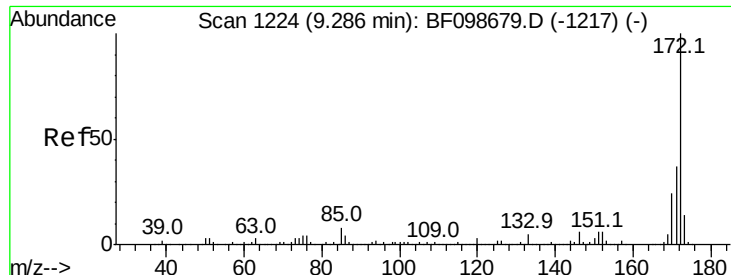
Tot Ion:	164	Resp:	267324
Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	45.4	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 95.704 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098725.D
 Acq: 23 Sep 2017 4:49

Tgt Ion:	330	Resp:	233970
Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	36.1	29.9	44.9

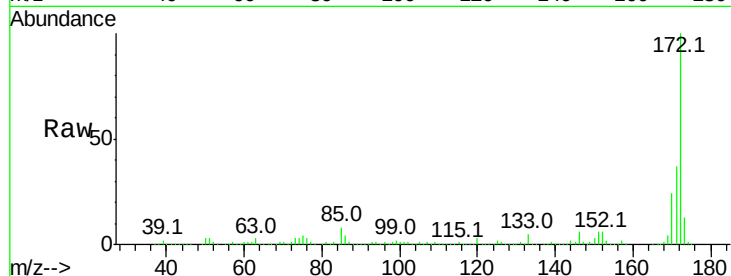




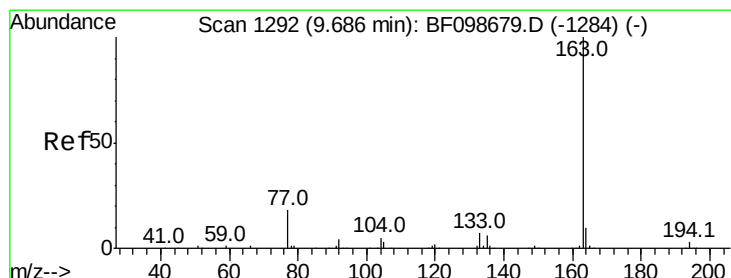
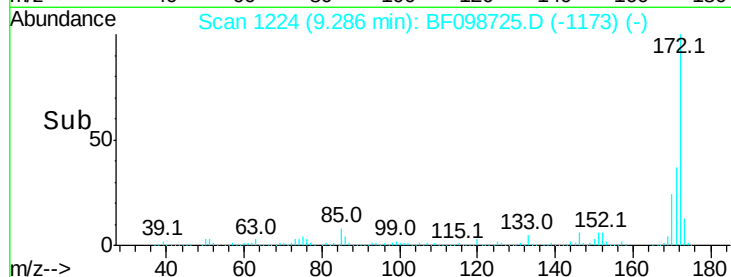
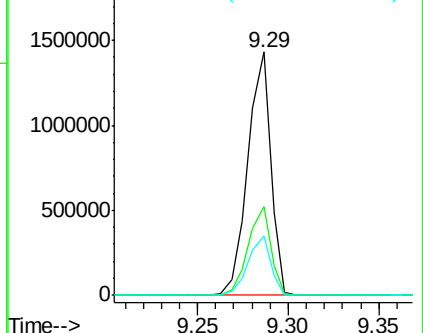
#44
2-Fluorobiphenyl
Concen: 75.521 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF098725.D
Acq: 23 Sep 2017 4:49

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(5-10)

Tot Ion:172 Resp: 1268691
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.2 19.6 29.4

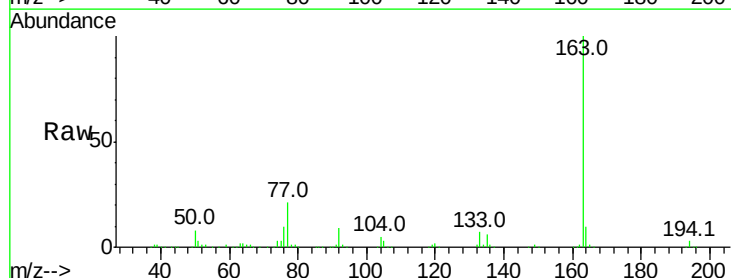


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

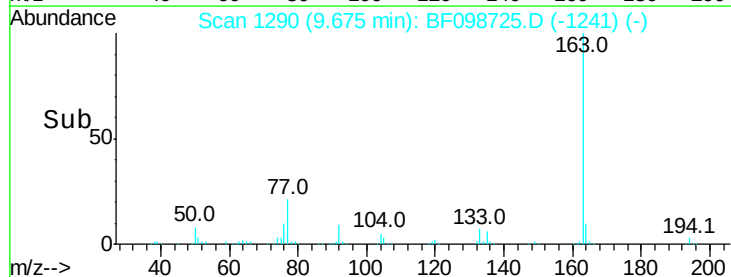
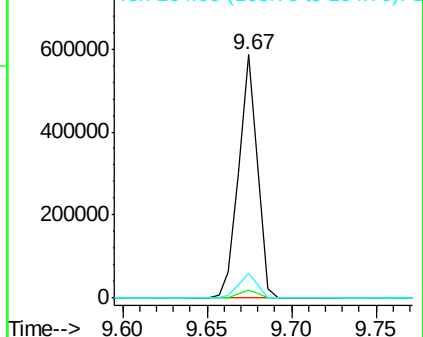


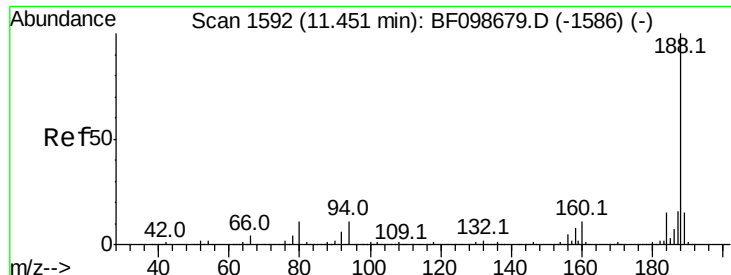
#49
Dimethylphthalate
Concen: 22.315 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF098725.D
Acq: 23 Sep 2017 4:49

Tgt Ion:163 Resp: 447351
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.2 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: BF098725.D

Acq: 23 Sep 2017 4:49

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-2(5-10)

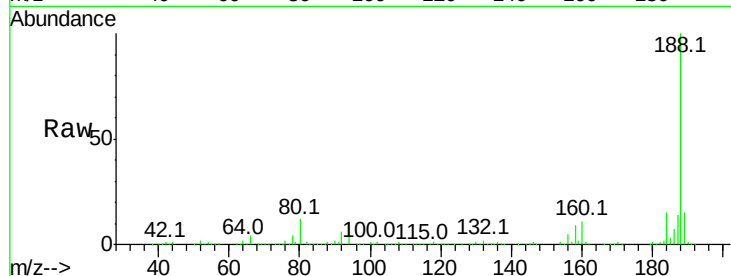
Tot Ion:188 Resp: 377665

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

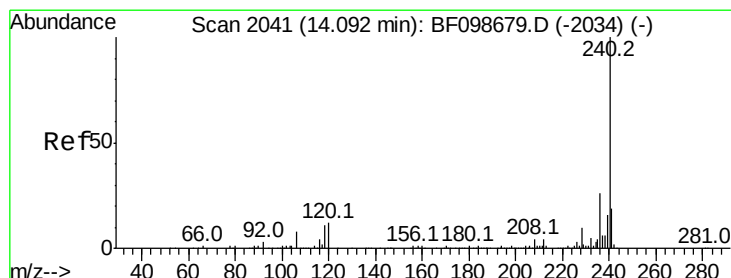
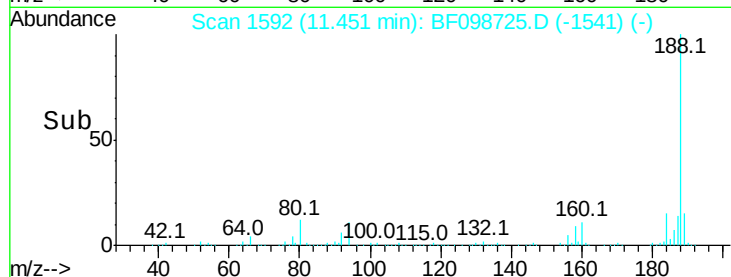
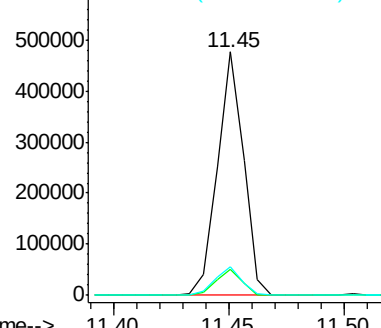
80 11.8 9.2 13.8



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: BF098725.D

Acq: 23 Sep 2017 4:49

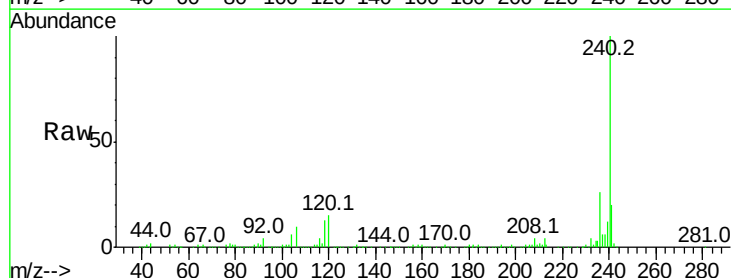
Tgt Ion:240 Resp: 333567

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

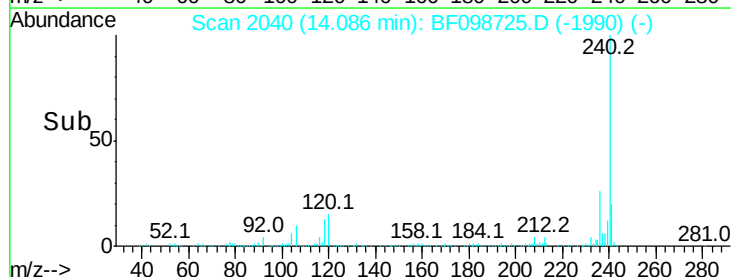
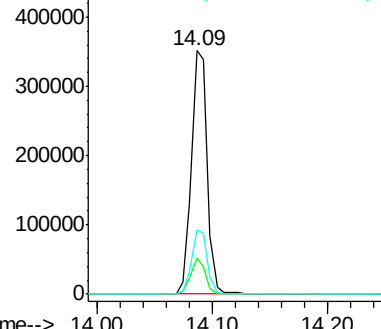
236 26.3 20.7 31.1

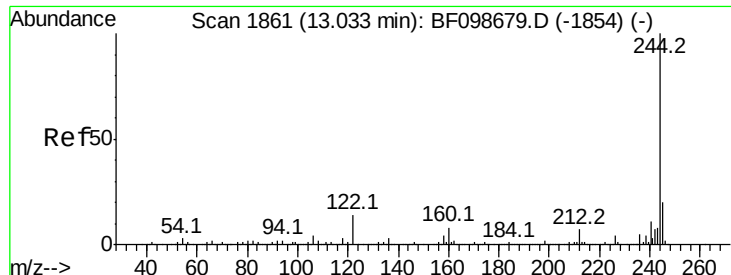


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

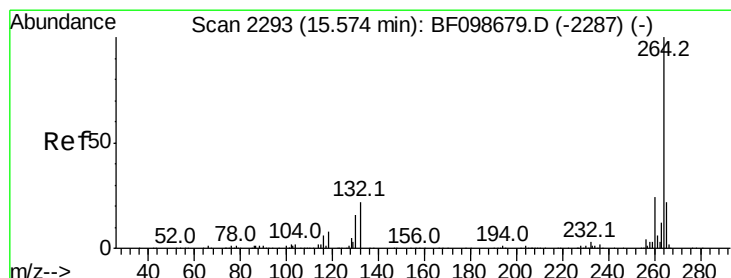
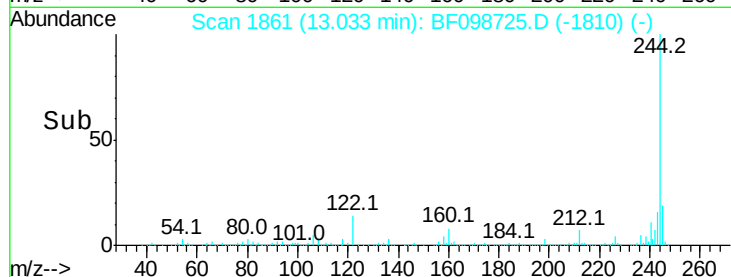
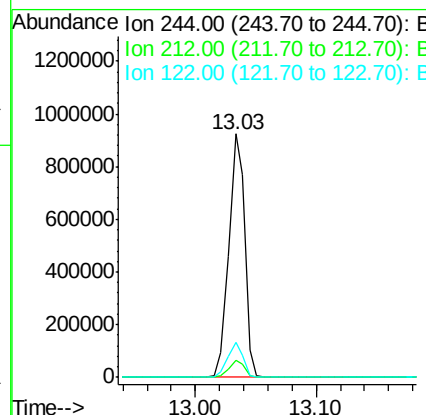
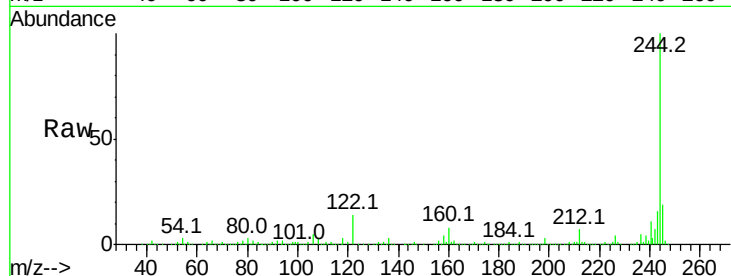




#78
 Terphenyl-d14
 Concen: 53.943 ng
 RT: 13.03 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BF098725.D
 Acq: 23 Sep 2017 4:49

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-2(5-10)

Tot Ion:244 Resp: 837996
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.59 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: BF098725.D
 Acq: 23 Sep 2017 4:49

Tgt Ion:264 Resp: 281344
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.1 17.5 26.3

