

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101255.D
 Acq On : 9 Dec 2017 00:01
 Operator : SJ/JU
 Sample : I6746-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-4(0-5)

Quant Time: Dec 09 03:55:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

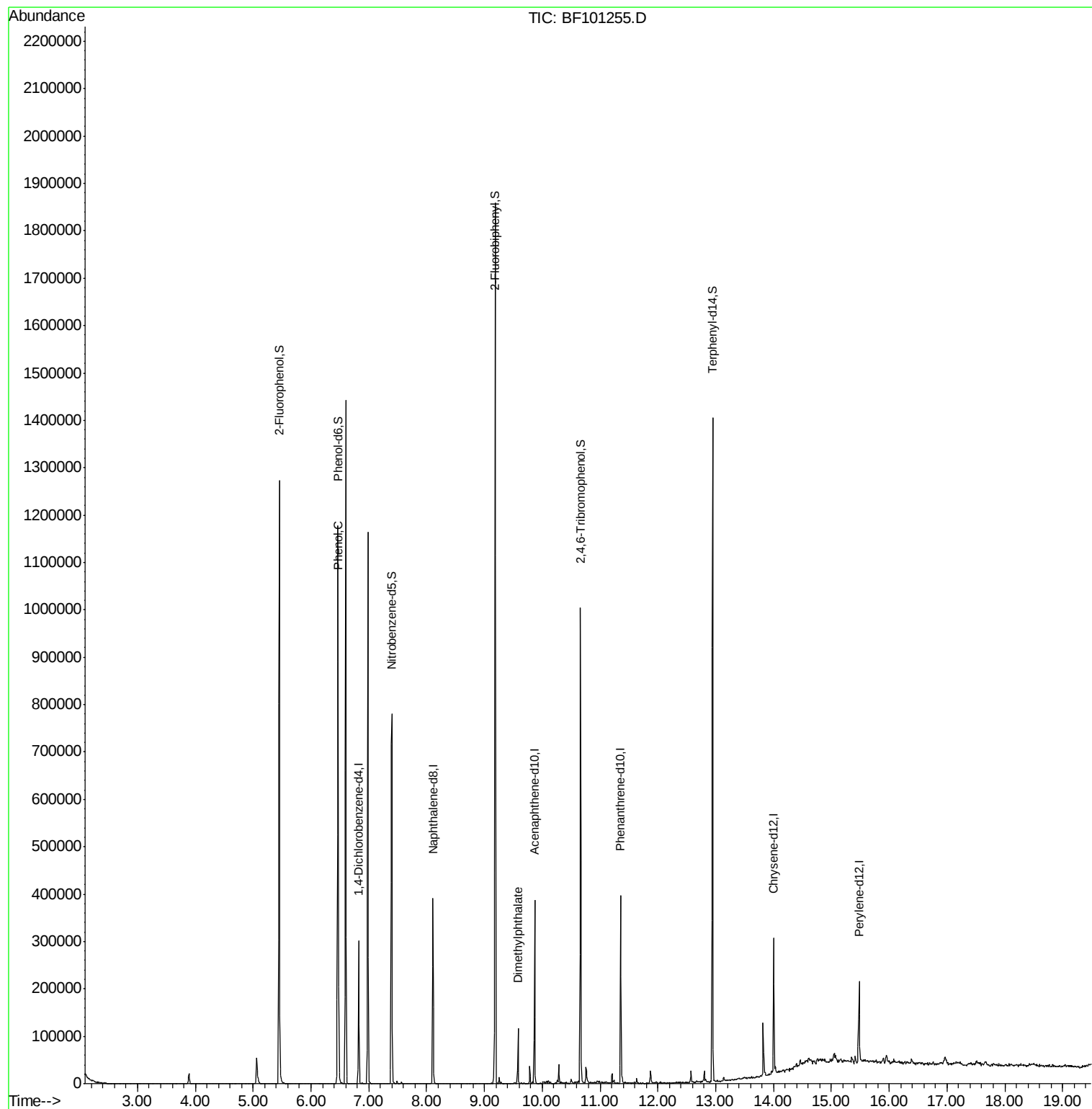
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	43399	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	166603	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	75347	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	136168	20.00	ng	0.00
75) Chrysene-d12	14.00	240	87542	20.00	ng	0.00
86) Perylene-d12	15.48	264	76329	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	385933	146.95	ng	0.01
7) Phenol-d6	6.47	99	476675	149.49	ng	0.00
23) Nitrobenzene-d5	7.40	82	274651	98.34	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	124234	137.26	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	603101	109.51	ng	0.00
78) Terphenyl-d14	12.94	244	498866	124.64	ng	0.00
Target Compounds						
10) Phenol	6.48	94	21658	6.108	ng	94
49) Dimethylphthalate	9.58	163	46821	7.705	ng	100

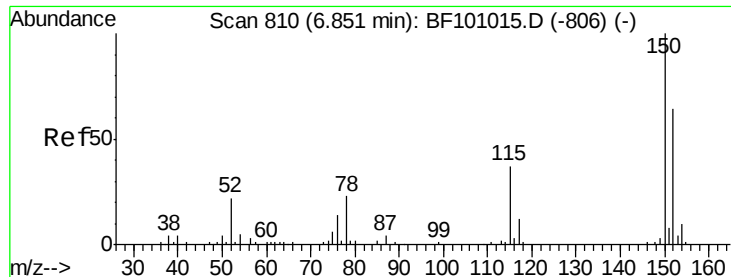
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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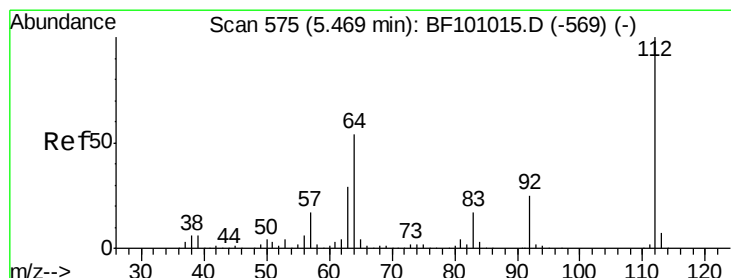
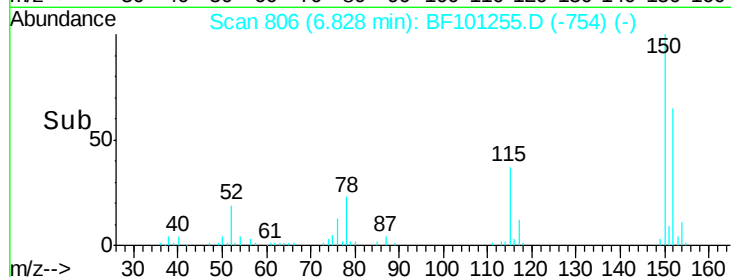
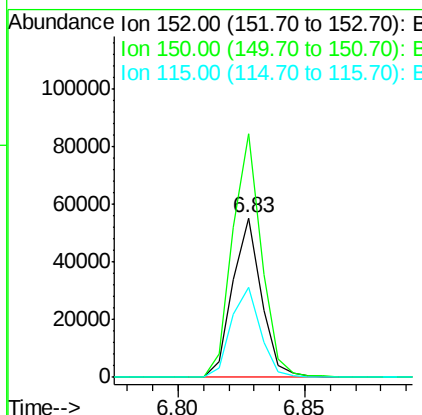
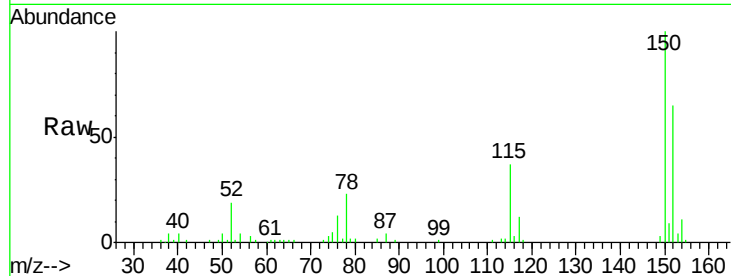


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF101255.D
 Acq: 9 Dec 2017 00:01

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-4(0-5)

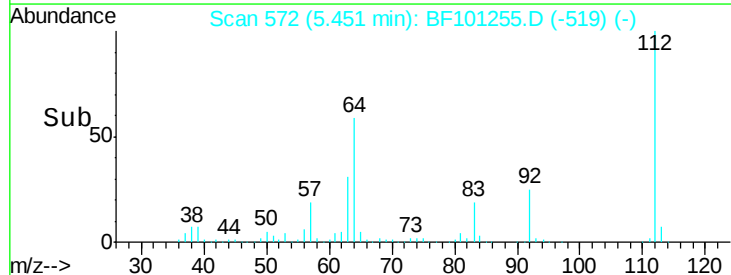
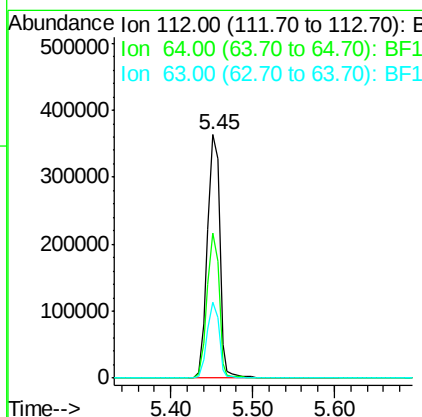
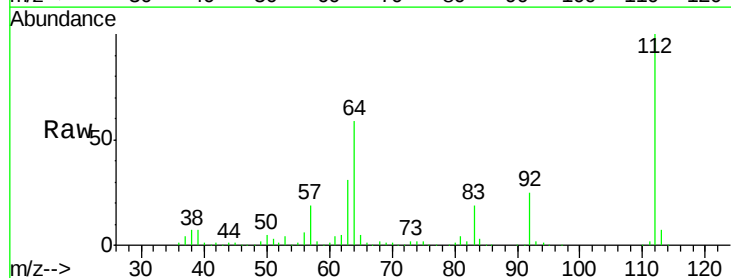
Tot Ion:152 Resp: 43399
 Ion Ratio Lower Upper
 152 100
 150 153.0 124.6 186.8
 115 56.8 50.1 75.1

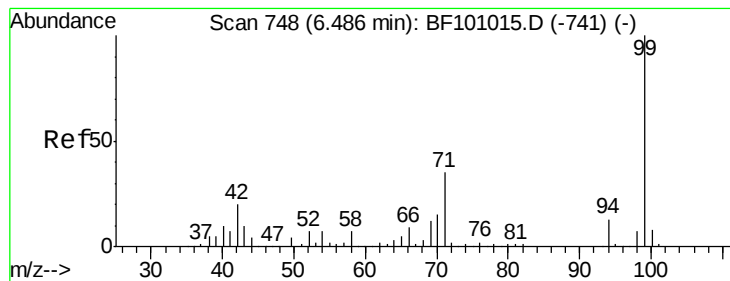


#5

2-Fluorophenol
 Concen: 146.946 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF101255.D
 Acq: 9 Dec 2017 00:01

Tgt Ion:112 Resp: 385933
 Ion Ratio Lower Upper
 112 100
 64 59.4 47.9 71.9
 63 31.1 23.7 35.5





#7

Phenol-d6

Concen: 149.491 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101255.D

Acq: 9 Dec 2017 00:01

Instrument :

BNA_F

ClientSampleId :

ENV-109-4(0-5)

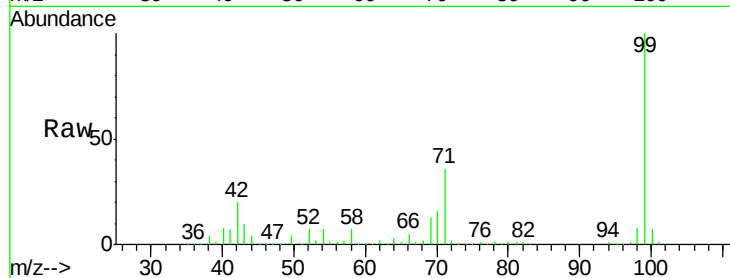
Tot Ion: 99 Resp: 476675

Ion Ratio Lower Upper

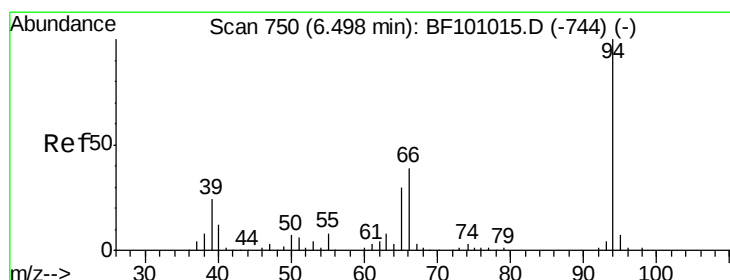
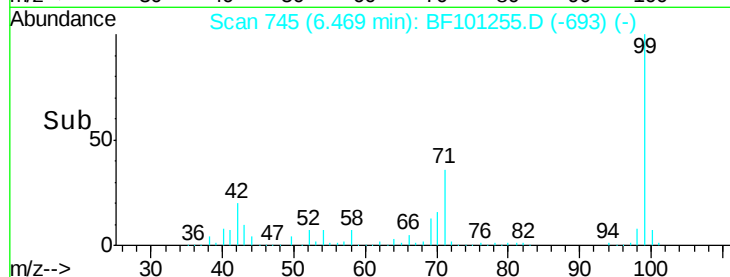
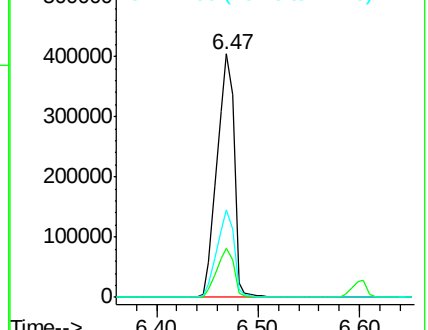
99 100

42 20.3 14.5 21.7

71 35.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 6.108 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF101255.D

Acq: 9 Dec 2017 00:01

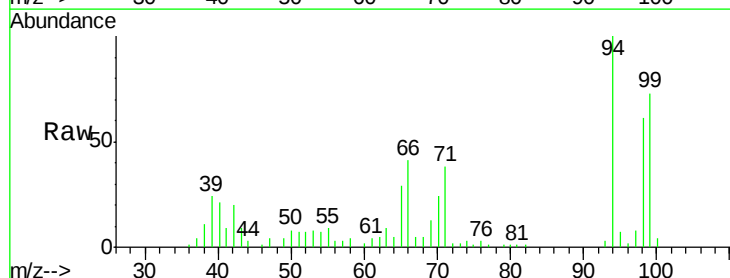
Tgt Ion: 94 Resp: 21658

Ion Ratio Lower Upper

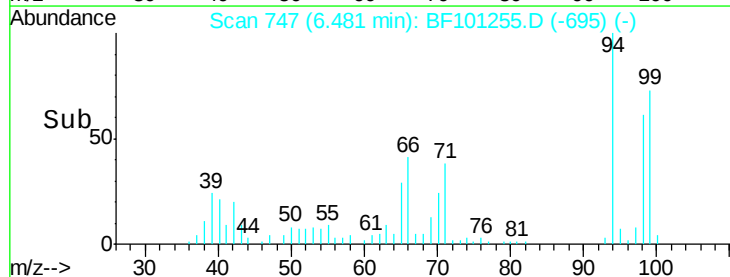
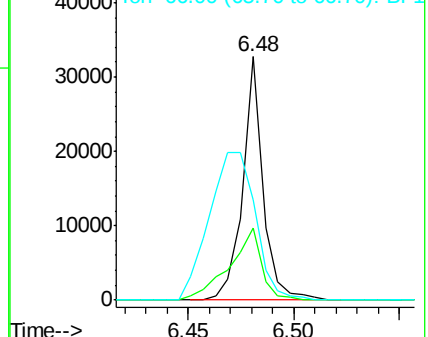
94 100

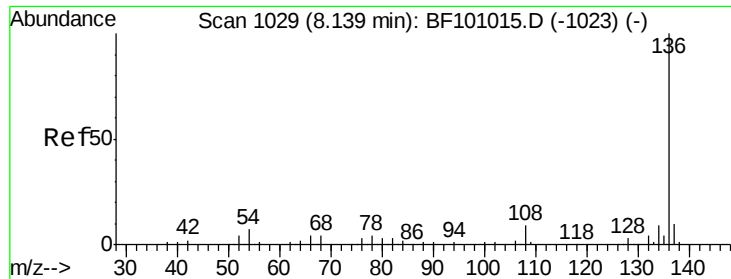
65 29.4 7.9 47.9

66 41.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

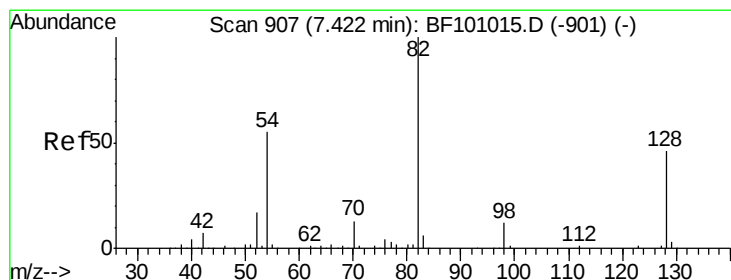
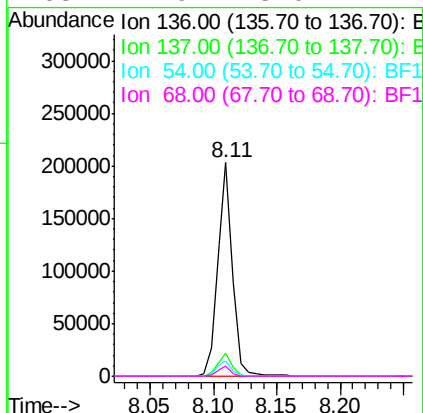
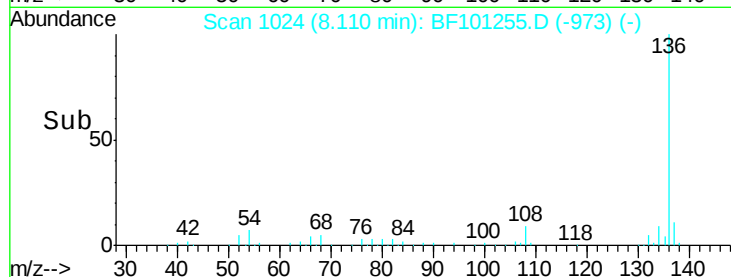
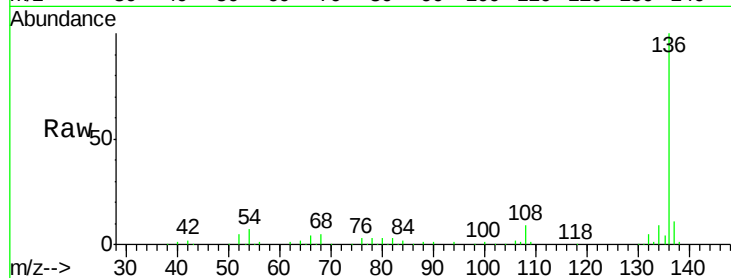




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101255.D
Acq: 9 Dec 2017 00:01

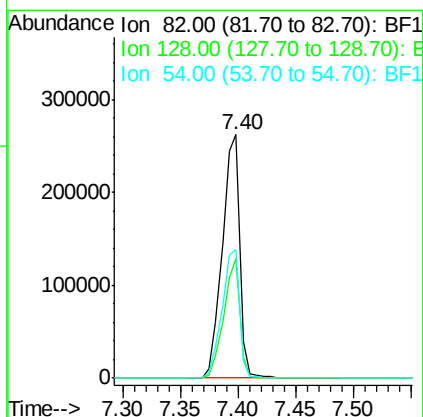
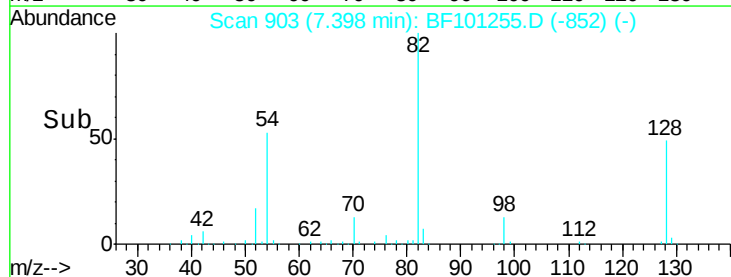
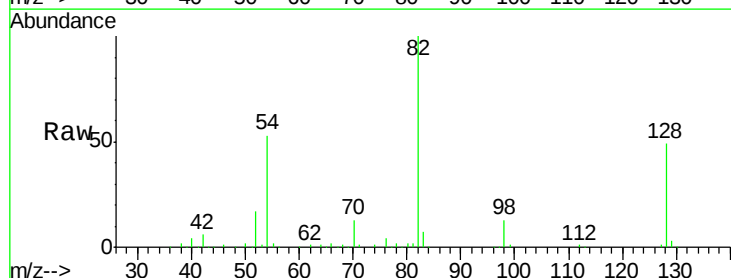
Instrument :
BNA_F
ClientSampleId :
ENV-109-4(0-5)

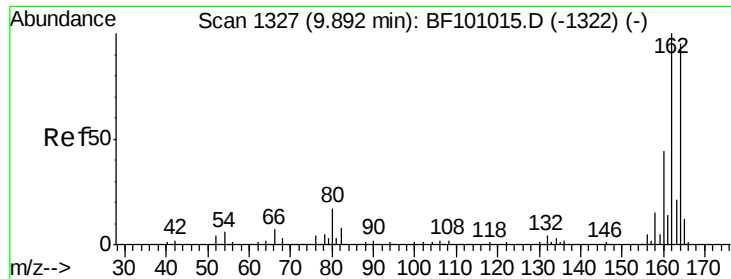
Tot Ion:136	Resp:	166603
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	7.1	6.6 9.8
68	4.9	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 98.340 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101255.D
Acq: 9 Dec 2017 00:01

Tgt Ion: 82	Resp:	274651
Ion	Ratio	Lower Upper
82	100	
128	48.8	36.1 54.1
54	52.9	41.4 62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF101255.D

Acq: 9 Dec 2017 00:01

Instrument :

BNA_F

ClientSampleId :

ENV-109-4(0-5)

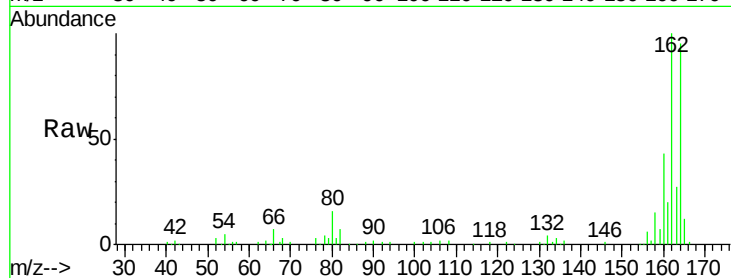
Tot Ion:164 Resp: 75347

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

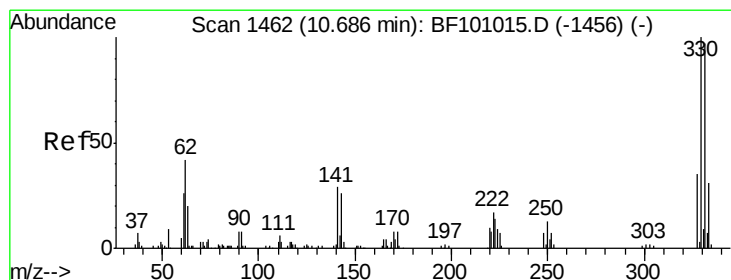
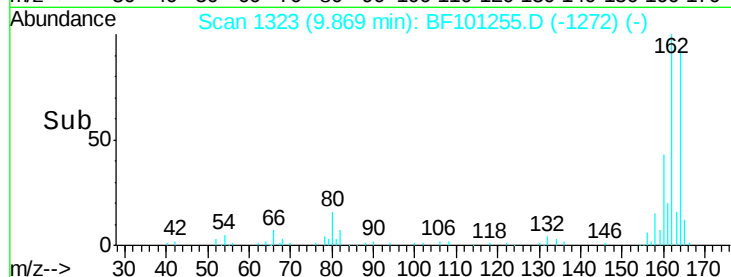
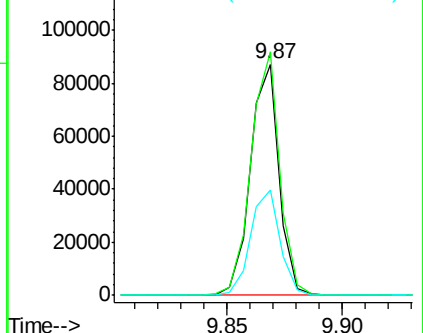
160 45.7 38.3 57.5



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: 137.255 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BF101255.D

Acq: 9 Dec 2017 00:01

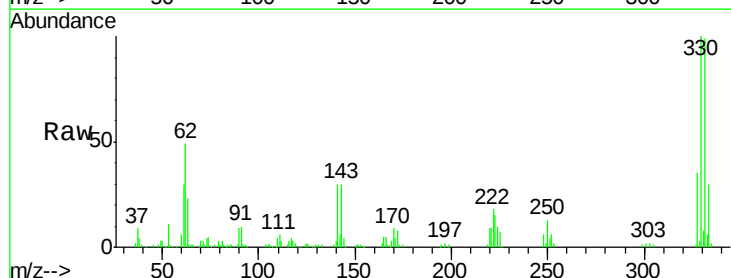
Tgt Ion:330 Resp: 124234

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

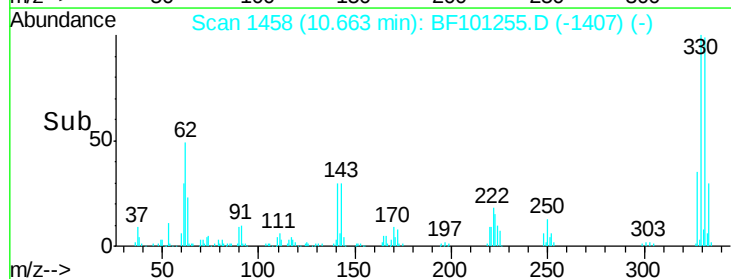
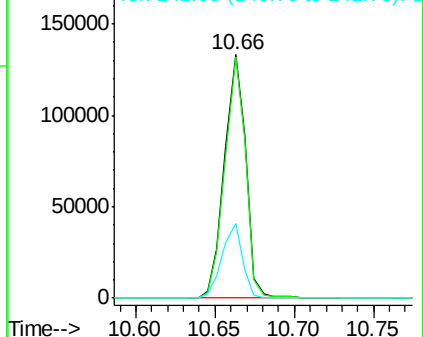
141 29.6 29.9 44.9#

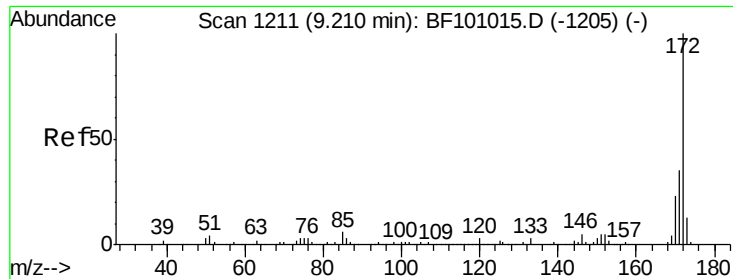


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

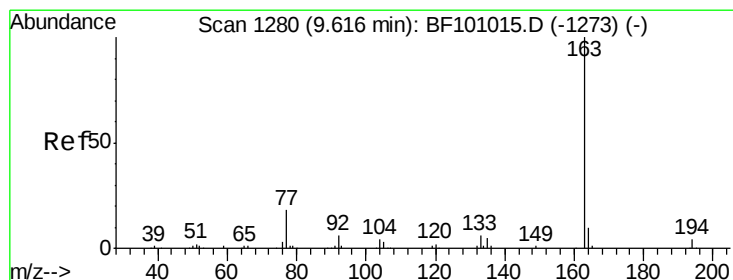
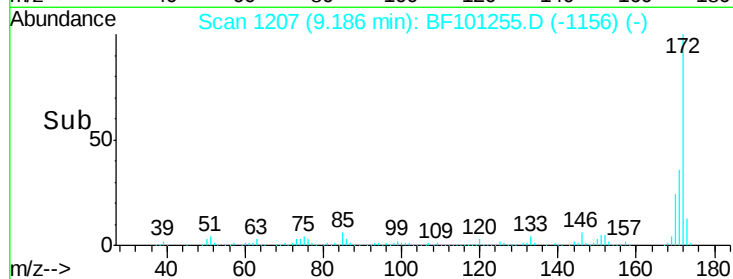
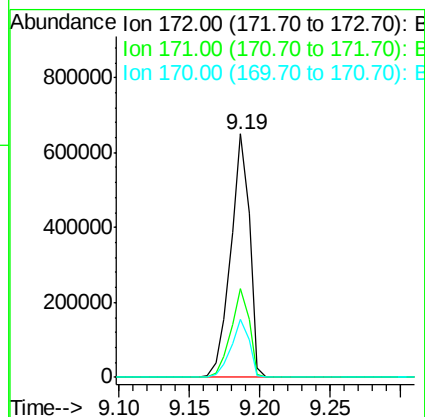
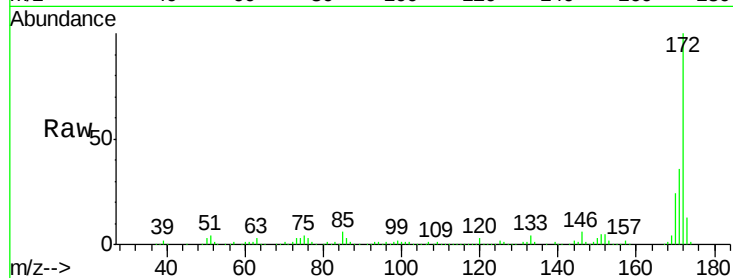




#44
2-Fluorobiphenyl
Concen: 109.515 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF101255.D
Acq: 9 Dec 2017 00:01

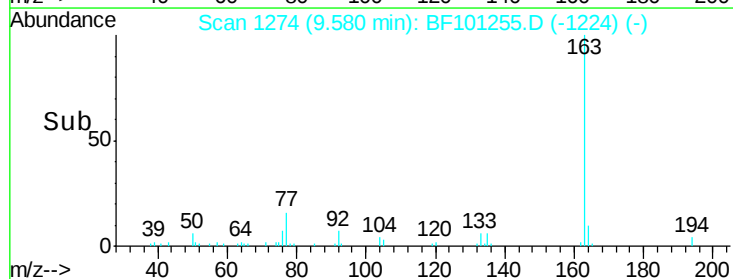
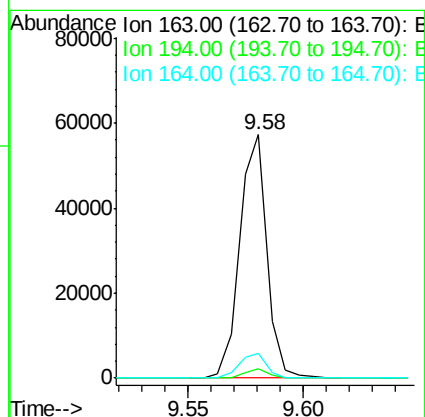
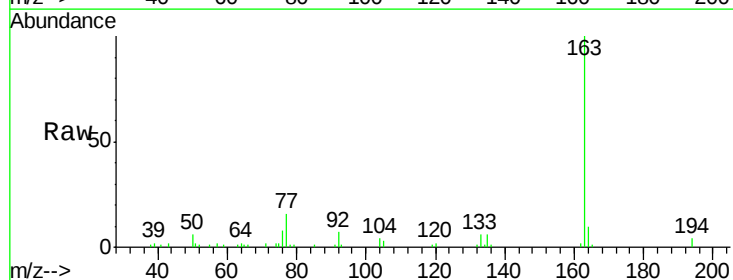
Instrument :
BNA_F
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ENV-109-4(0-5)

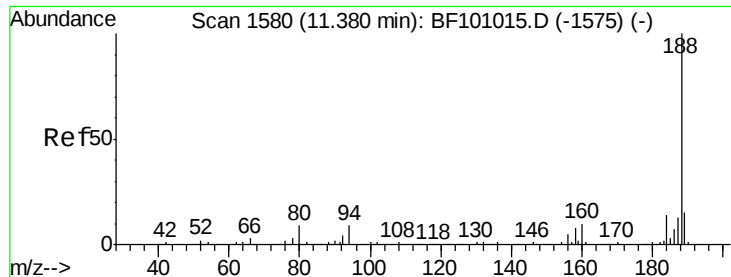
Tot Ion:172 Resp: 603101
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 23.8 19.6 29.4



#49
Dimethylphthalate
Concen: 7.705 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101255.D
Acq: 9 Dec 2017 00:01

Tgt Ion:163 Resp: 46821
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.2 8.2 12.2

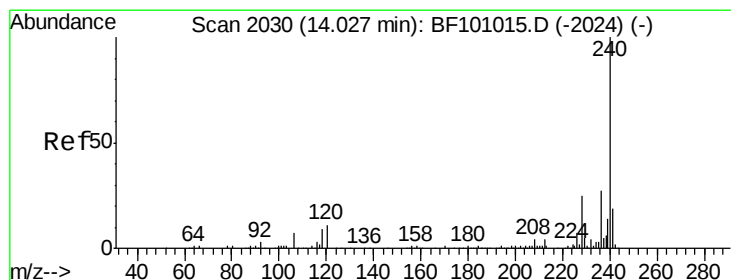
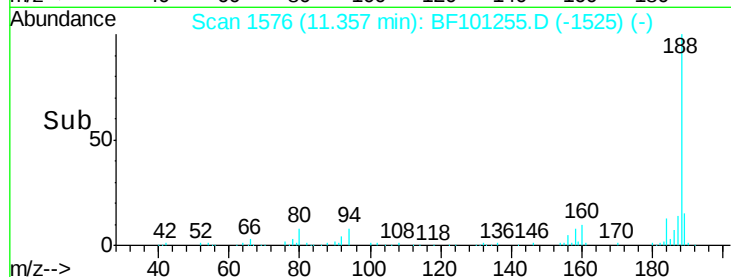
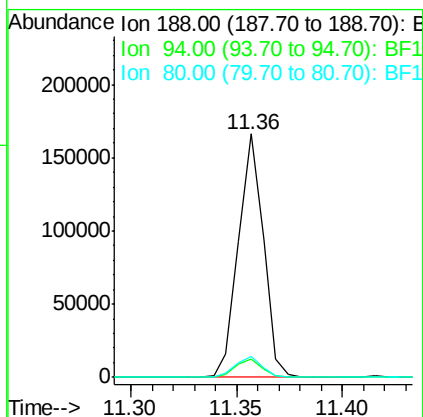
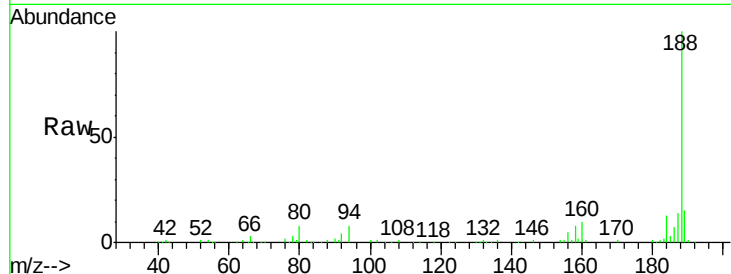




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF101255.D
Acq: 9 Dec 2017 00:01

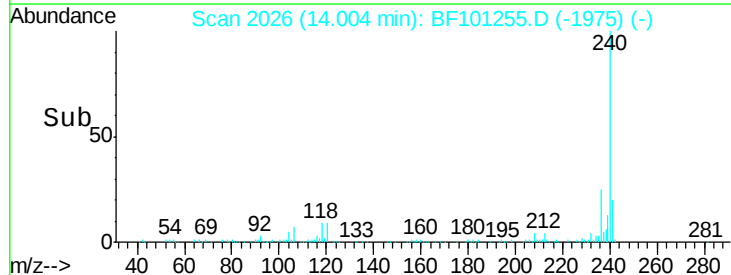
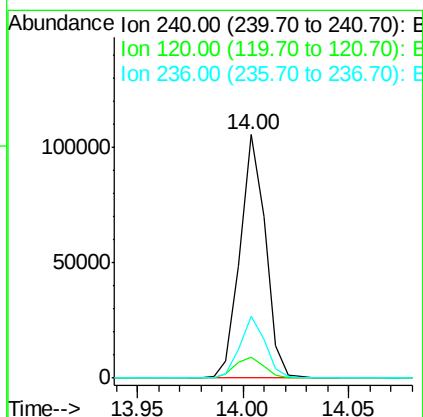
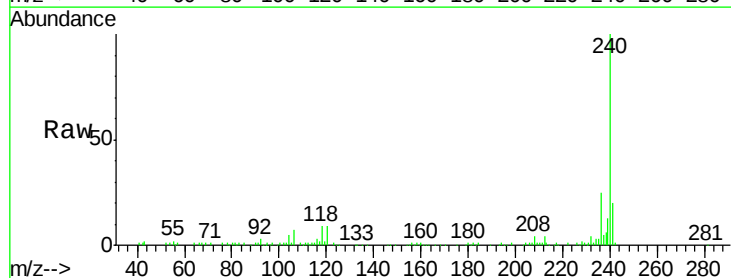
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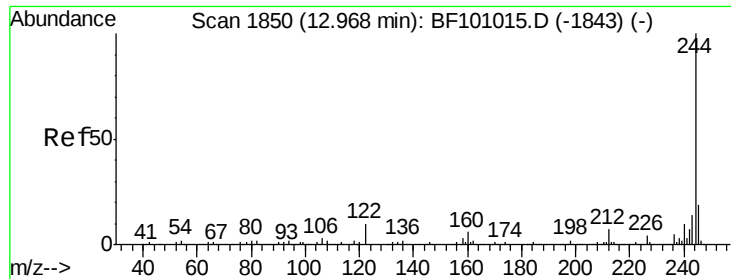
Tot Ion:188 Resp: 136168
Ion Ratio Lower Upper
188 100
94 7.6 8.5 12.7#
80 8.5 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF101255.D
Acq: 9 Dec 2017 00:01

Tgt Ion:240 Resp: 87542
Ion Ratio Lower Upper
240 100
120 8.8 9.5 14.3#
236 25.4 20.7 31.1

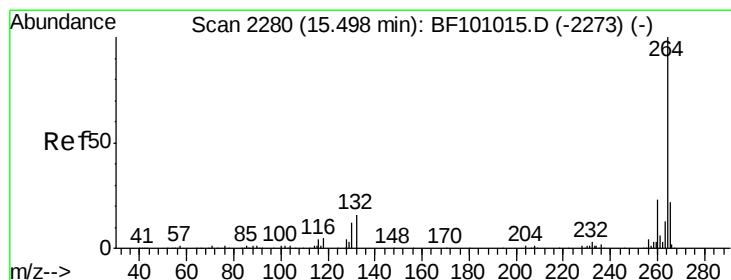
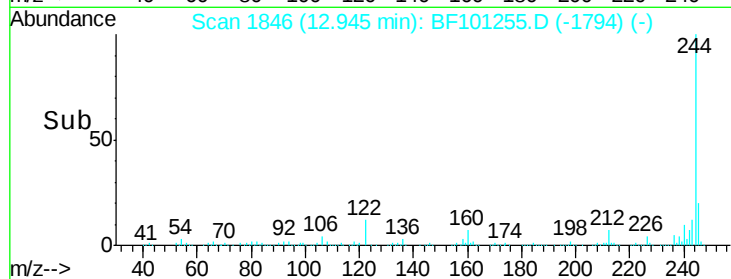
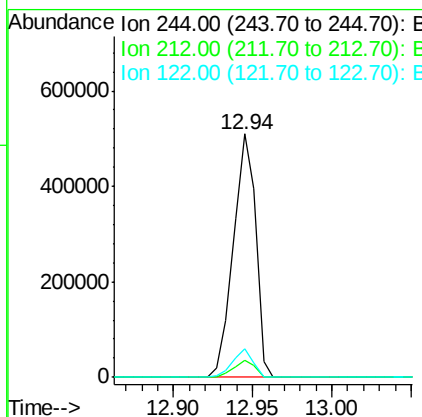
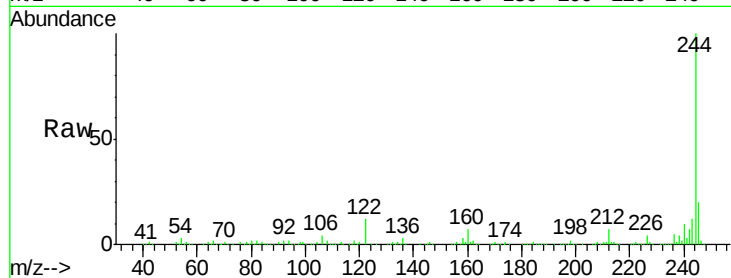




#78
 Terphenyl-d14
 Concen: 124.643 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BF101255.D
 Acq: 9 Dec 2017 00:01

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-4(0-5)

Tot Ion:244 Resp: 498866
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.01 min
 Lab File: BF101255.D
 Acq: 9 Dec 2017 00:01

Tgt Ion:264 Resp: 76329
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.6 17.5 26.3

