

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101285.D
 Acq On : 11 Dec 2017 13:21
 Operator : SJ/JU
 Sample : I6746-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-4(20-30)

Quant Time: Dec 11 17:01:46 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

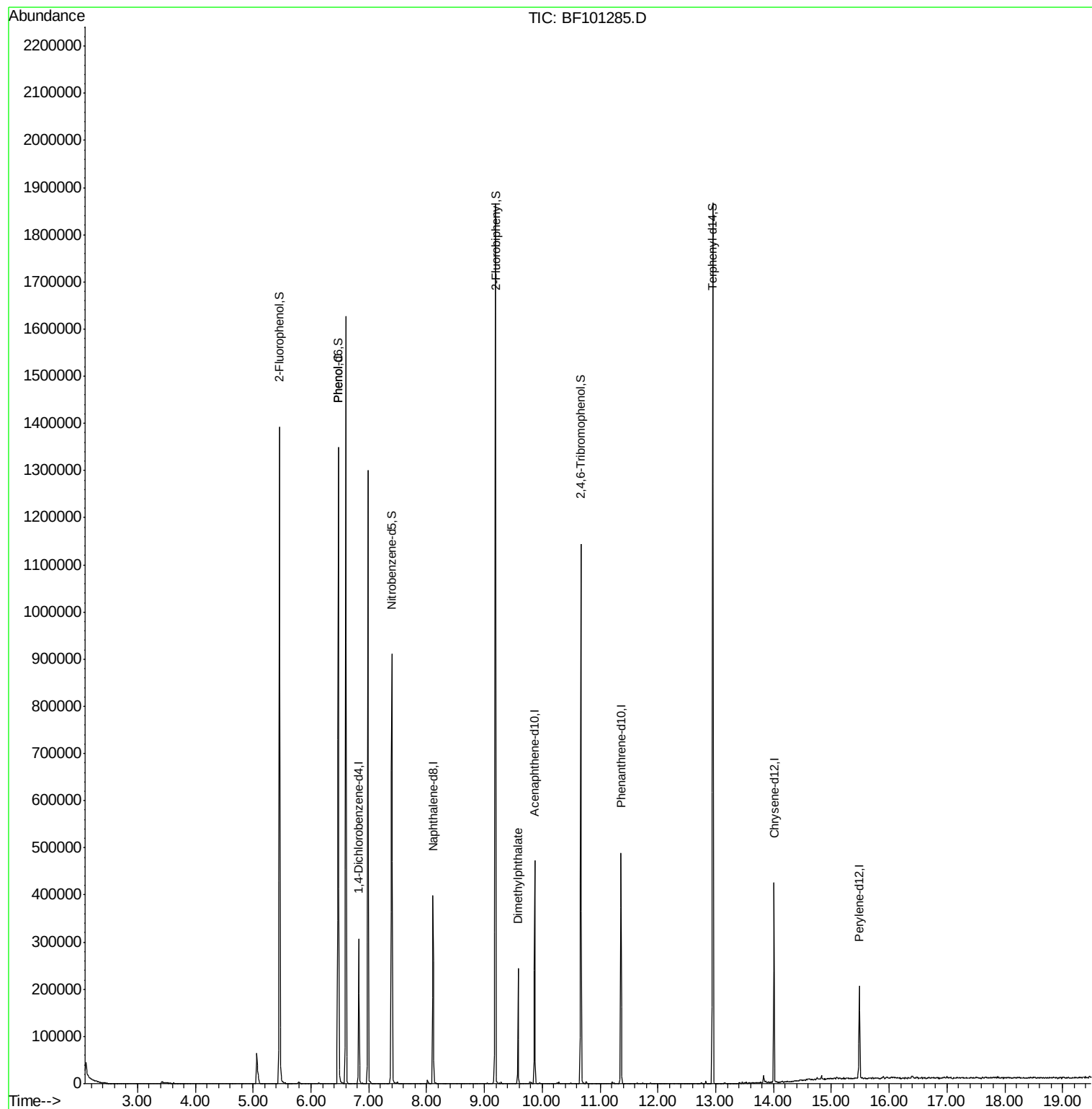
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	44981	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	176759	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	87812	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	172150	20.00	ng	0.00
75) Chrysene-d12	14.01	240	133734	20.00	ng	0.00
86) Perylene-d12	15.49	264	93246	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	412173	151.42	ng	0.02
7) Phenol-d6	6.47	99	504590	152.68	ng	0.01
23) Nitrobenzene-d5	7.40	82	311885	105.26	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	146392	138.78	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	659194	102.71	ng	0.00
78) Terphenyl-d14	12.95	244	704222	115.18	ng	0.01
Target Compounds						
10) Phenol	6.48	94	15786	4.296	ng	Qvalue # 56
49) Dimethylphthalate	9.58	163	89831	12.685	ng	99

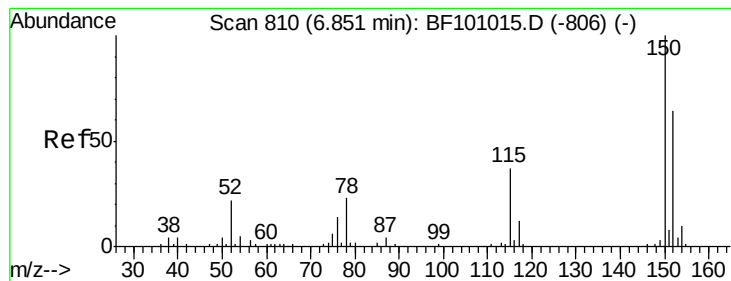
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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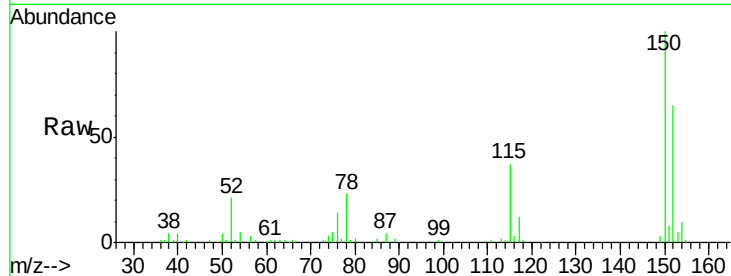


#1

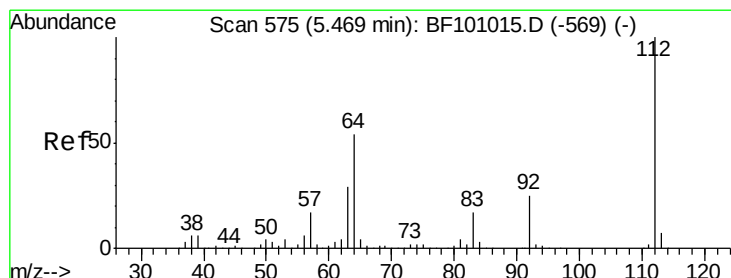
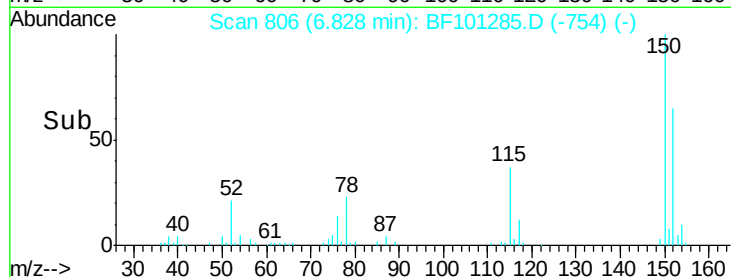
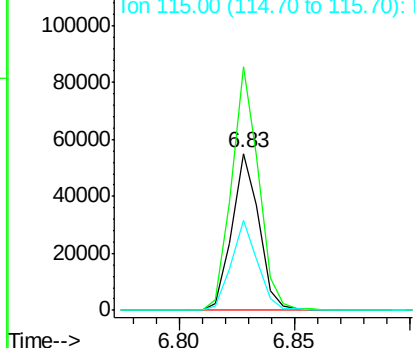
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101285.D
Acq: 11 Dec 2017 13:21

Instrument :
BNA_F
ClientSampleId :
ENV-109-4(20-30)

Tot Ion:152 Resp: 44981
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 57.3 50.1 75.1



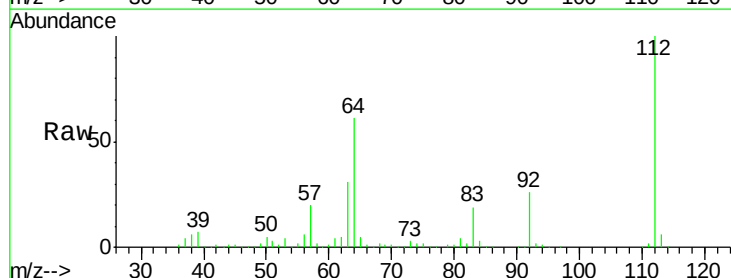
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



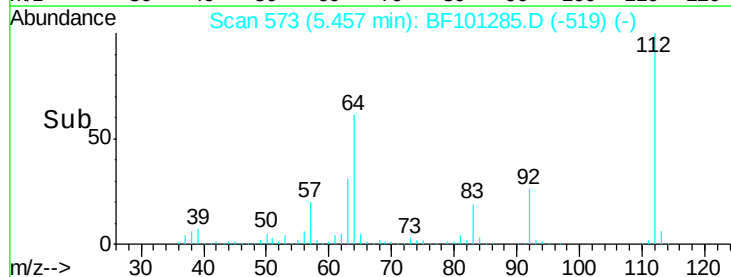
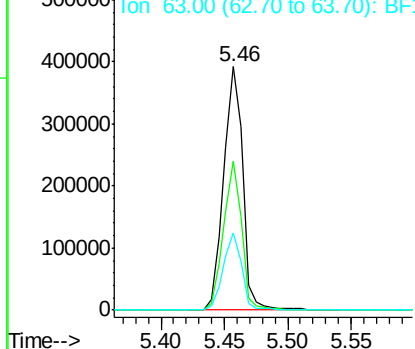
#5

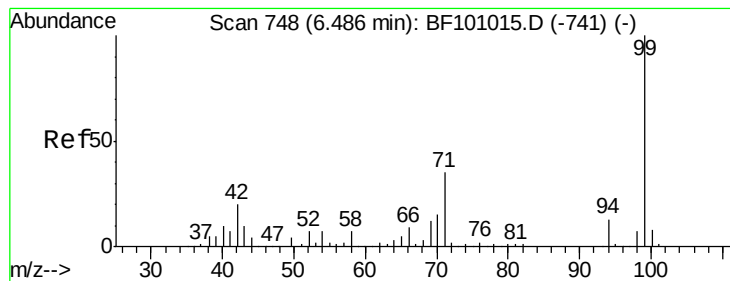
2-Fluorophenol
Concen: 151.418 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF101285.D
Acq: 11 Dec 2017 13:21

Tgt Ion:112 Resp: 412173
Ion Ratio Lower Upper
112 100
64 61.3 47.9 71.9
63 31.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 152.680 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101285.D

Acq: 11 Dec 2017 13:21

Instrument :

BNA_F

ClientSampleId :

ENV-109-4(20-30)

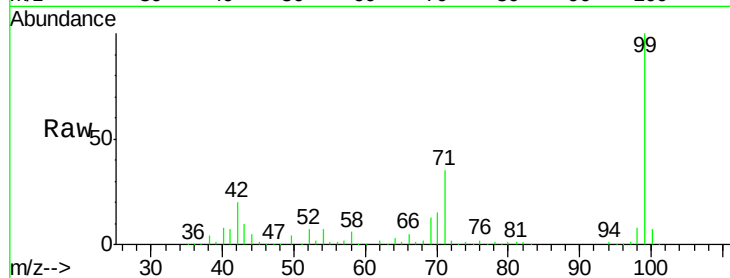
Tot Ion: 99 Resp: 504590

Ion Ratio Lower Upper

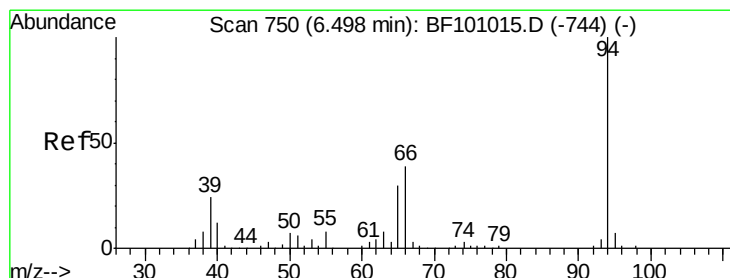
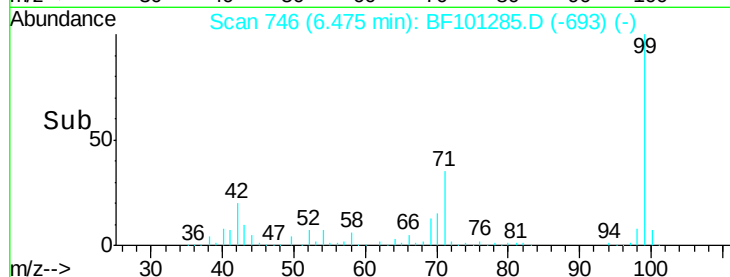
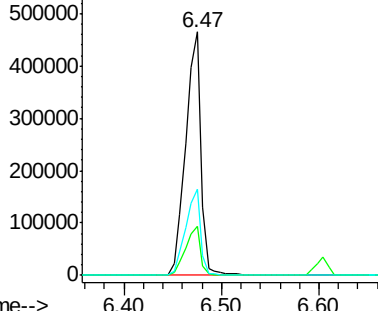
99 100

42 20.2 14.5 21.7

71 35.4 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: 4.296 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF101285.D

Acq: 11 Dec 2017 13:21

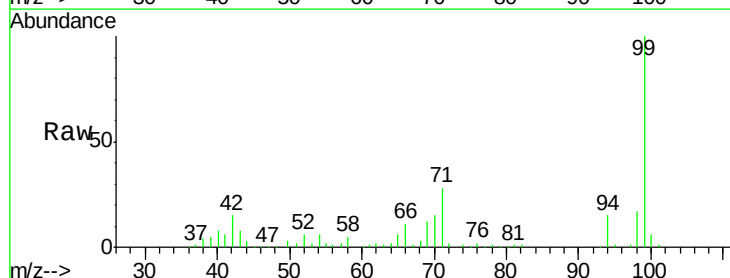
Tgt Ion: 94 Resp: 15786

Ion Ratio Lower Upper

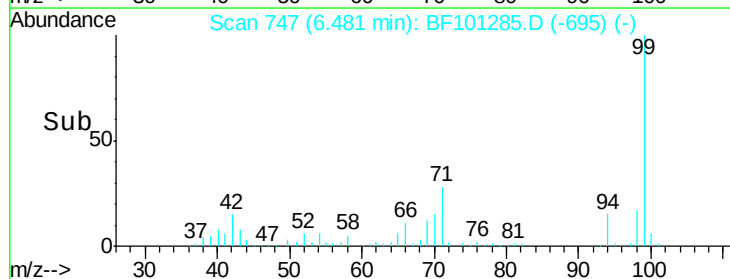
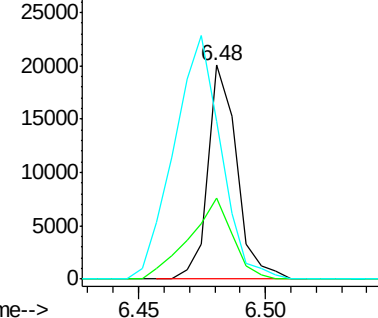
94 100

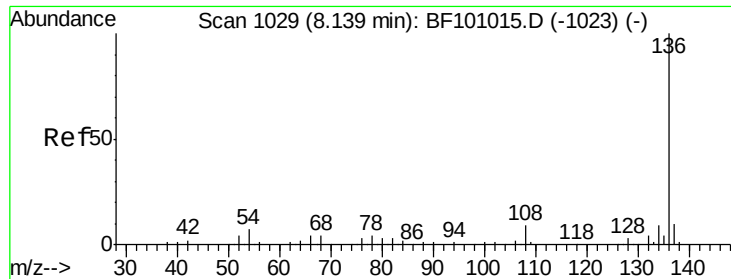
65 37.8 7.9 47.9

66 73.8 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

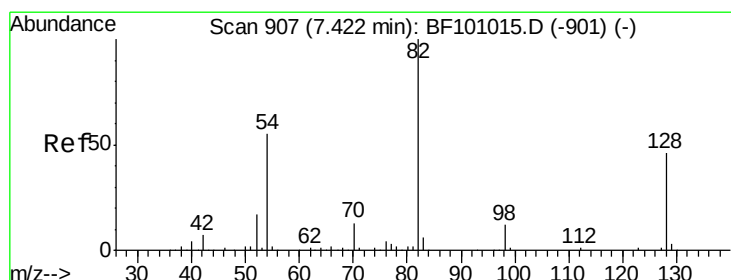
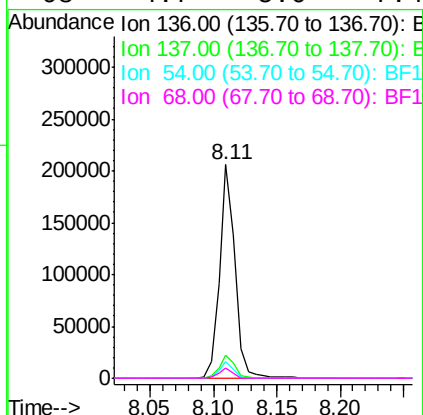
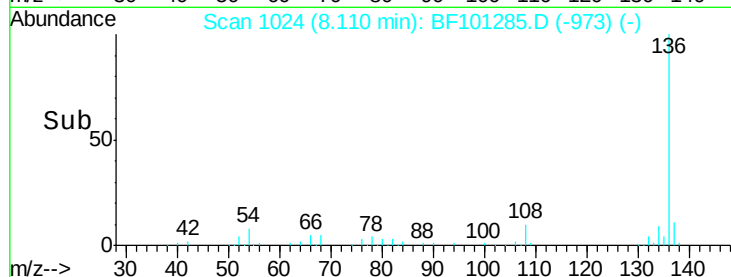
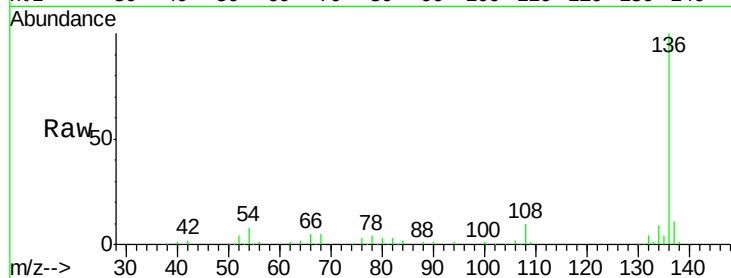




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101285.D
Acq: 11 Dec 2017 13:21

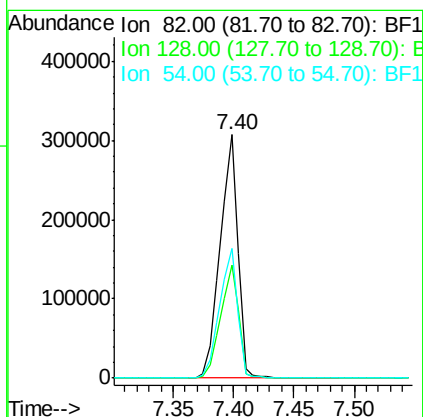
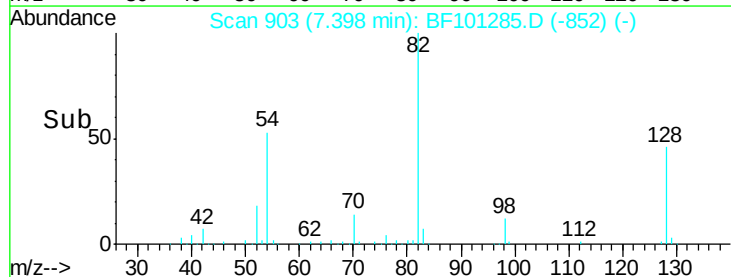
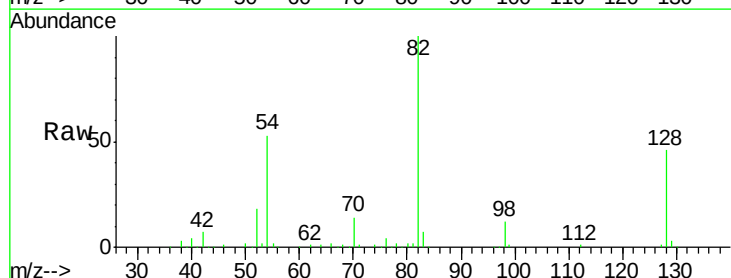
Instrument :
BNA_F
ClientSampleId :
ENV-109-4(20-30)

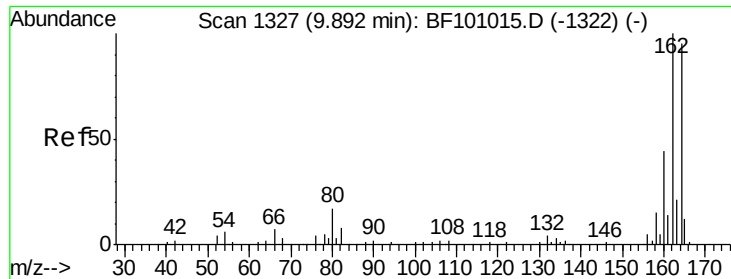
Tot Ion:136	Resp:	176759
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	8.0	6.6 9.8
68	4.7	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 105.256 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101285.D
Acq: 11 Dec 2017 13:21

Tgt Ion: 82	Resp:	311885
Ion Ratio	Lower	Upper
82	100	
128	46.4	36.1 54.1
54	53.4	41.4 62.2

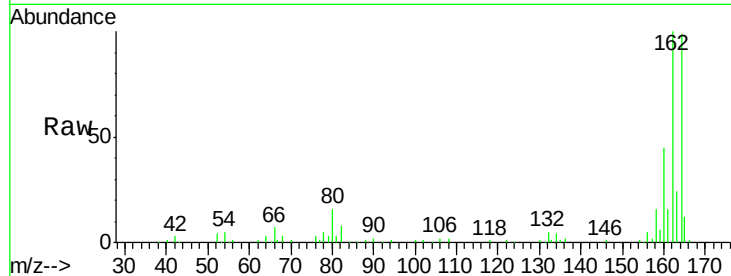




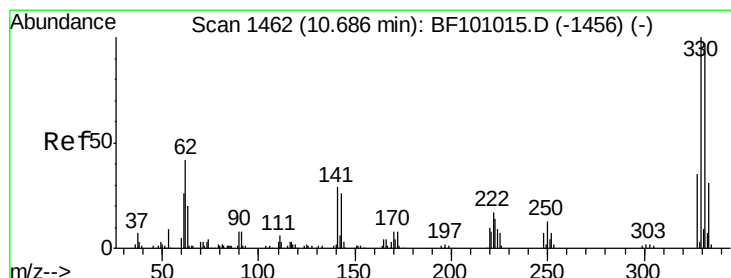
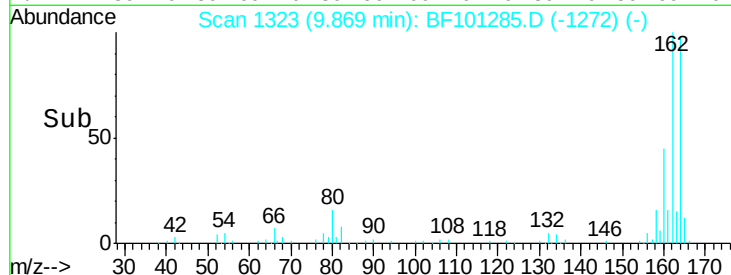
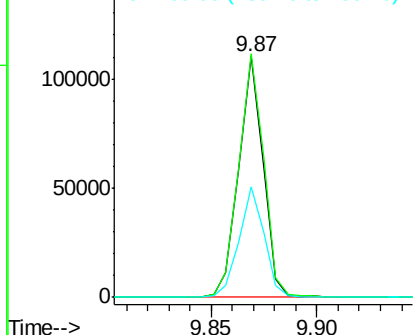
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101285.D
Acq: 11 Dec 2017 13:21

Instrument :
BNA_F
ClientSampleId :
ENV-109-4(20-30)

Tot Ion:164 Resp: 87812
Ion Ratio Lower Upper
164 100
162 101.1 86.1 129.1
160 45.8 38.3 57.5

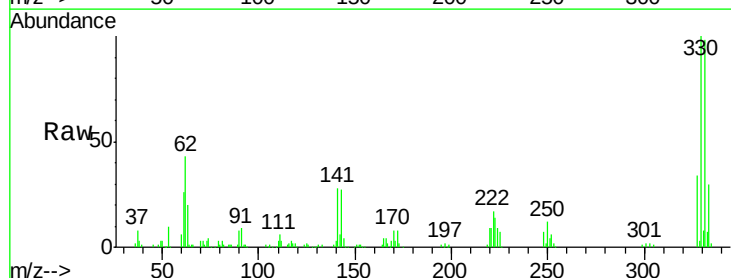


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

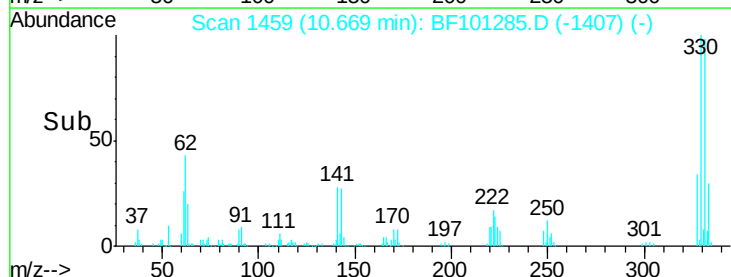
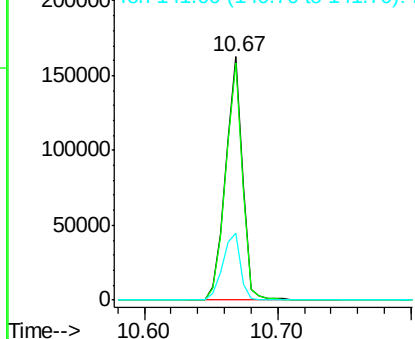


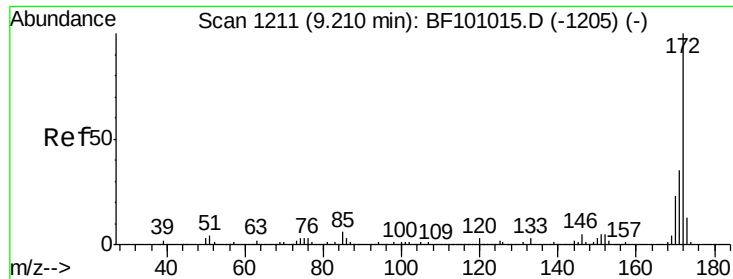
#41
2,4,6-Tribromophenol
Concen: 138.777 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF101285.D
Acq: 11 Dec 2017 13:21

Tgt Ion:330 Resp: 146392
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 29.0 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

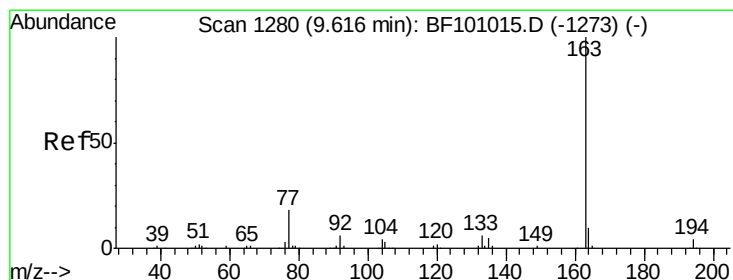
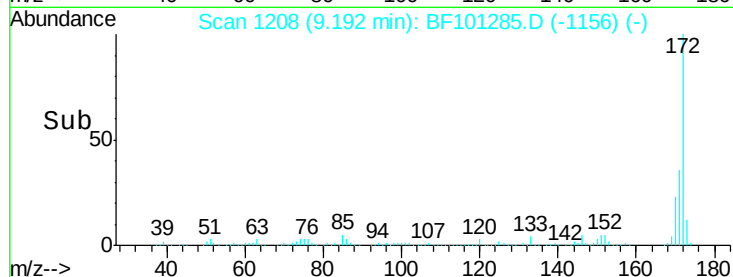
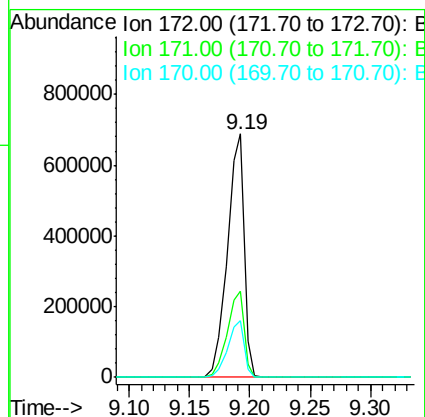
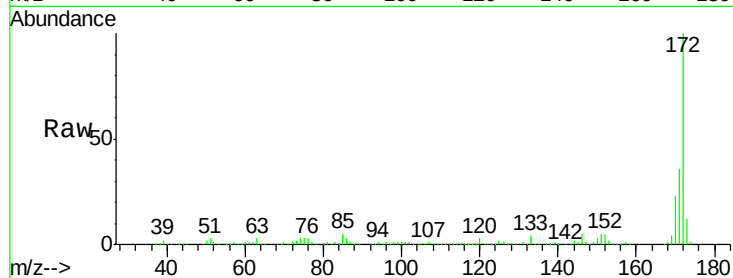




#44
2-Fluorobiphenyl
Concen: 102.709 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF101285.D
Acq: 11 Dec 2017 13:21

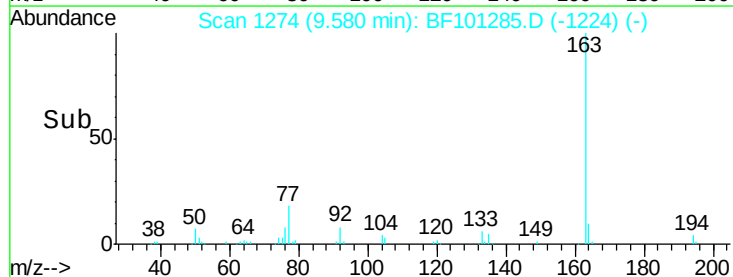
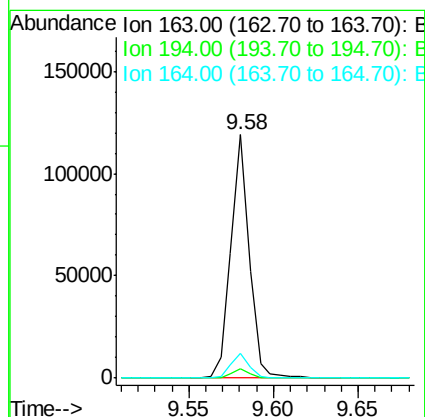
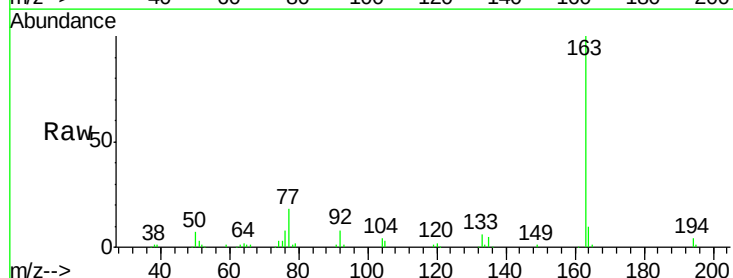
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ENV-109-4(20-30)

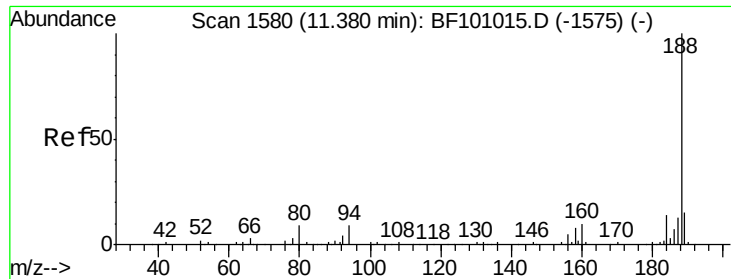
Tot Ion:172 Resp: 659194
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 23.3 19.6 29.4



#49
Dimethylphthalate
Concen: 12.685 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101285.D
Acq: 11 Dec 2017 13:21

Tgt Ion:163 Resp: 89831
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.1 8.2 12.2

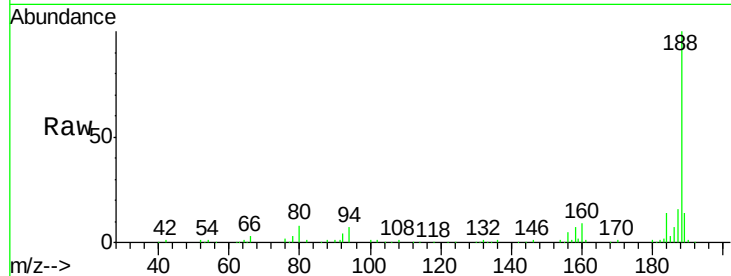




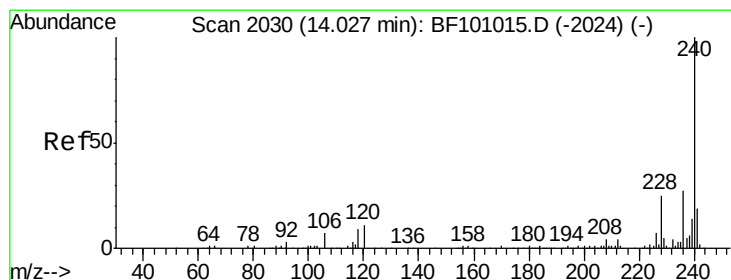
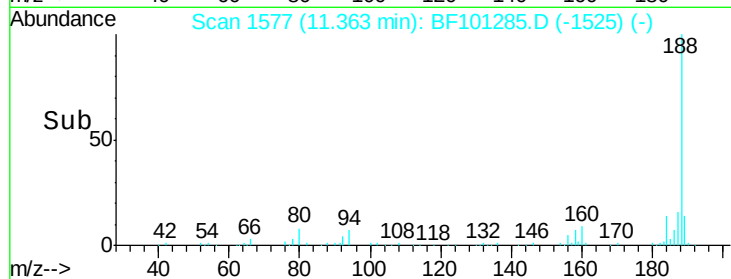
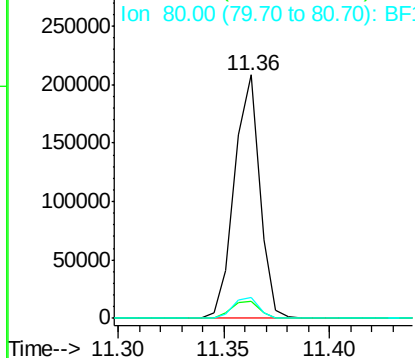
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101285.D
Acq: 11 Dec 2017 13:21

Instrument :
BNA_F
ClientSampleId :
ENV-109-4(20-30)

Tot Ion:188 Resp: 172150
Ion Ratio Lower Upper
188 100
94 6.8 8.5 12.7#
80 8.5 9.2 13.8#

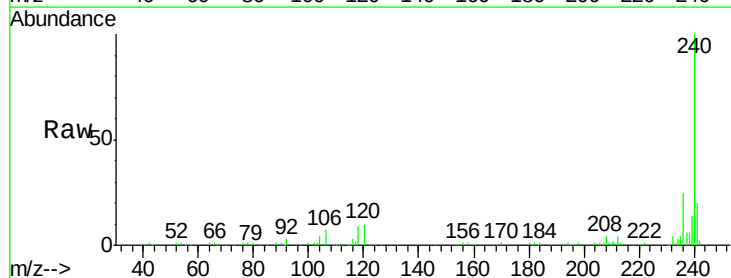


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

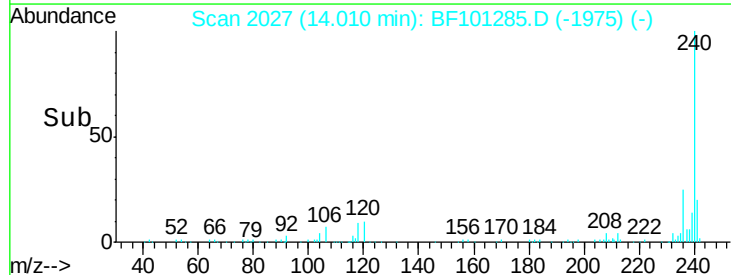
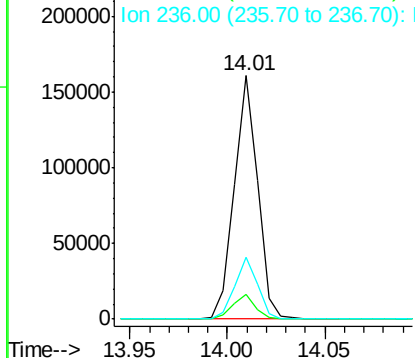


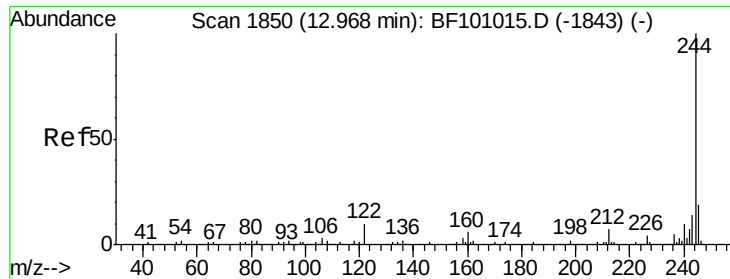
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101285.D
Acq: 11 Dec 2017 13:21

Tgt Ion:240 Resp: 133734
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 25.3 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: 115.178 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.01 min

Lab File: BF101285.D

Acq: 11 Dec 2017 13:21

Instrument :

BNA_F

ClientSampleId :

ENV-109-4(20-30)

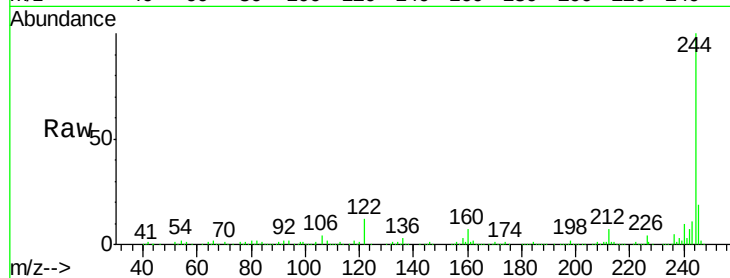
Tot Ion:244 Resp: 704222

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

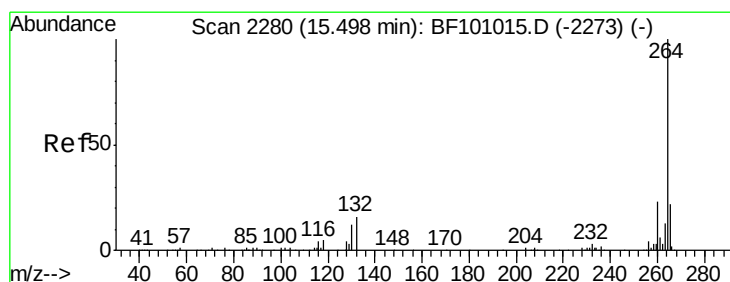
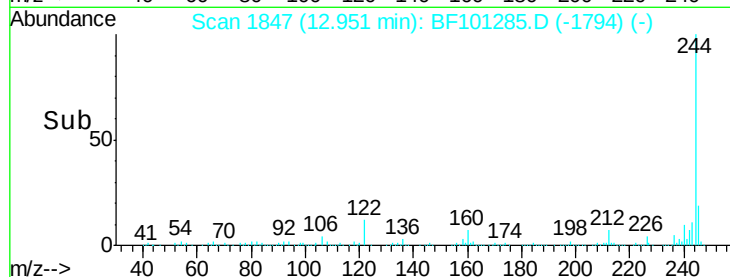
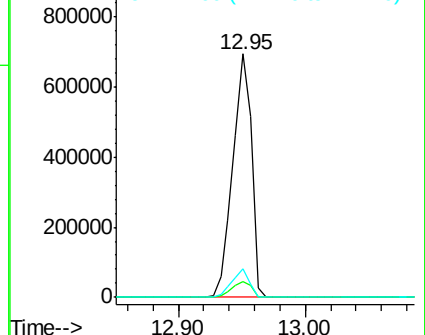
122 11.6 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.02 min

Lab File: BF101285.D

Acq: 11 Dec 2017 13:21

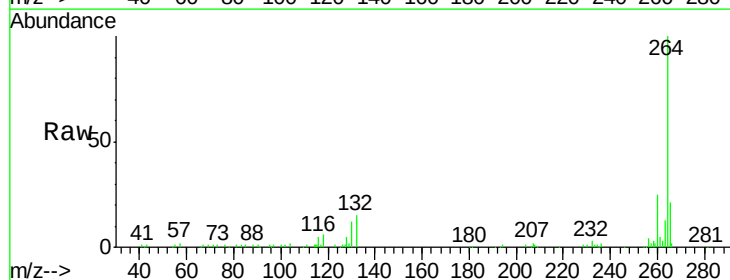
Tgt Ion:264 Resp: 93246

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 20.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

