

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
 Data File : BF099490.D
 Acq On : 14 Oct 2017 21:30
 Operator : SJ/JU
 Sample : I5776-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-P6(80-90)

Quant Time: Oct 15 00:27:06 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

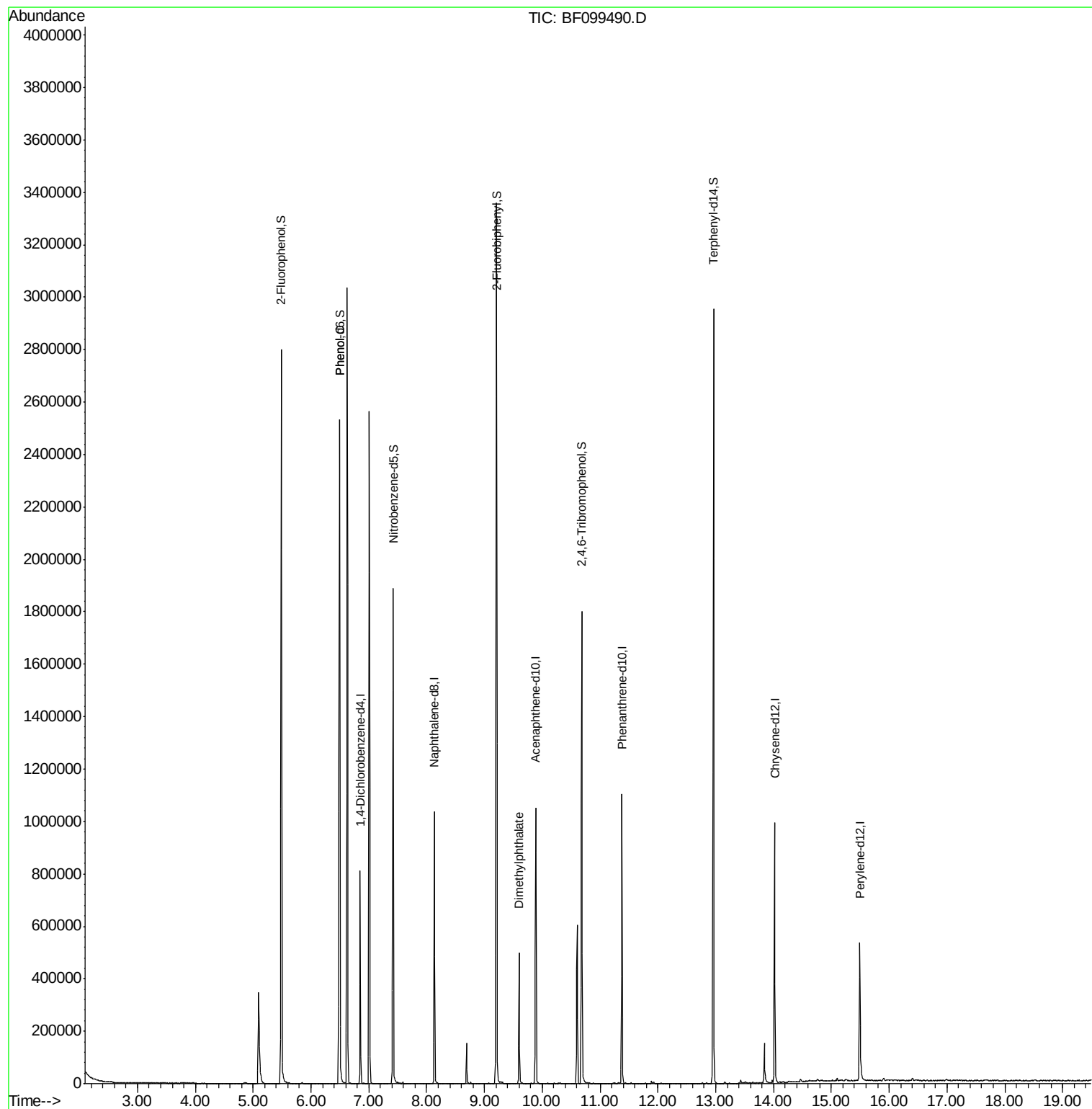
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	114072	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	464263	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	215766	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	399938	20.00	ng	0.00
75) Chrysene-d12	14.02	240	326803	20.00	ng	0.00
86) Perylene-d12	15.49	264	249708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	963192	134.42	ng	0.01
7) Phenol-d6	6.50	99	1163997	131.68	ng	0.00
23) Nitrobenzene-d5	7.42	82	694800	95.97	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	258568	146.45	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1173134	90.77	ng	0.00
78) Terphenyl-d14	12.96	244	1089242	75.80	ng	0.00
Target Compounds						
10) Phenol	6.50	94	83622	8.46	ng	98
49) Dimethylphthalate	9.60	163	231294	14.20	ng	98

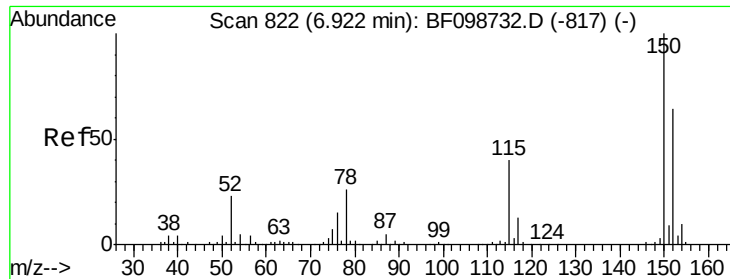
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF099490.D

Acq: 14 Oct 2017 21:30

Instrument :

BNA_F

ClientSampleId :

EPE-P6(80-90)

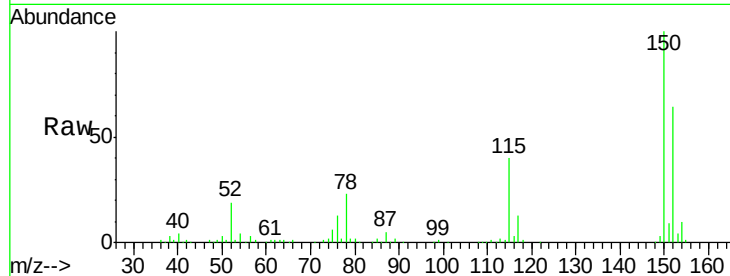
Tgt Ion:152 Resp: 114072

Ion Ratio Lower Upper

152 100

150 155.9 124.6 186.8

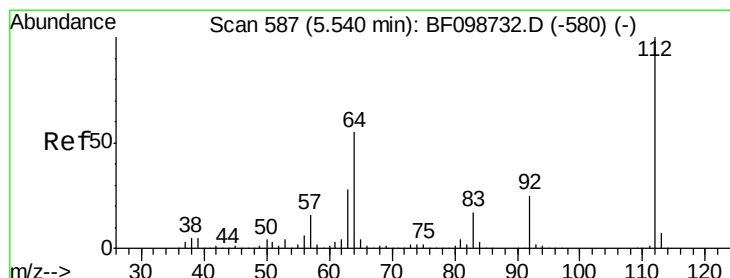
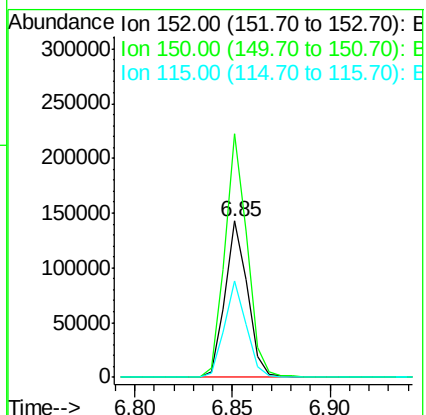
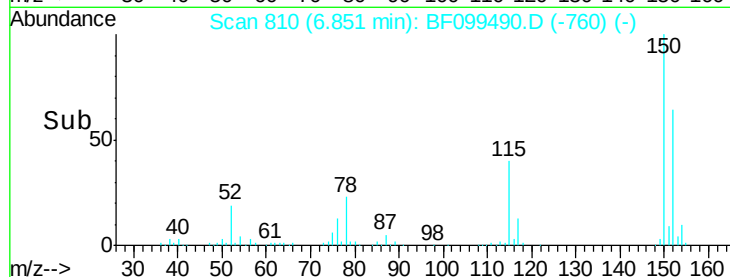
115 61.8 50.1 75.1



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: 134.42 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF099490.D

Acq: 14 Oct 2017 21:30

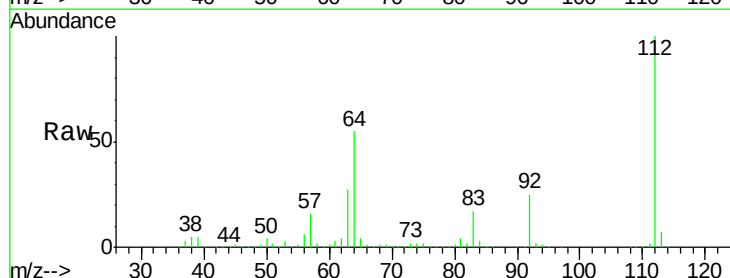
Tgt Ion:112 Resp: 963192

Ion Ratio Lower Upper

112 100

64 54.7 47.9 71.9

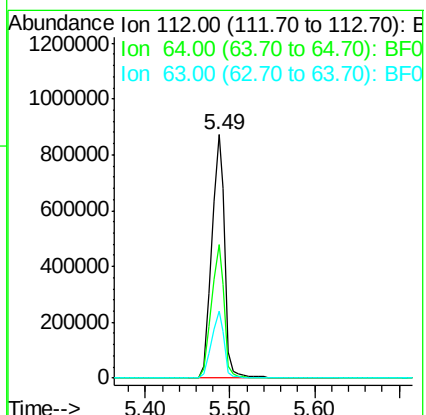
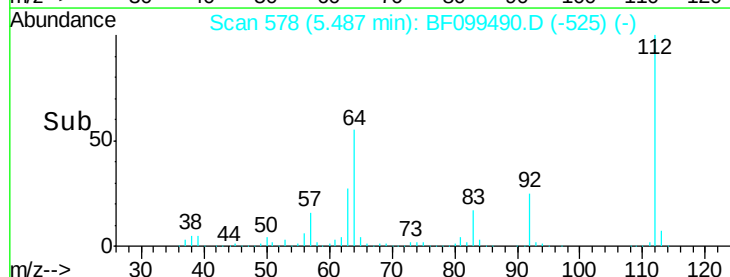
63 27.3 23.7 35.5

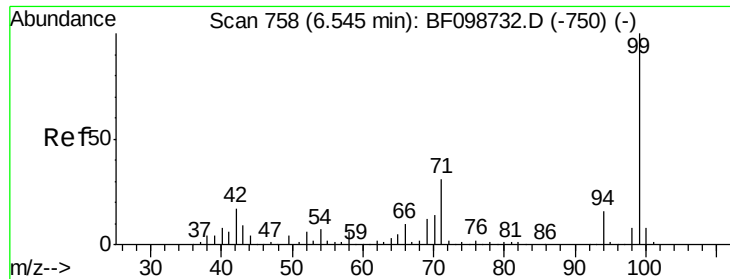


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.68 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099490.D

Acq: 14 Oct 2017 21:30

Instrument :

BNA_F

ClientSampleId :

EPE-P6(80-90)

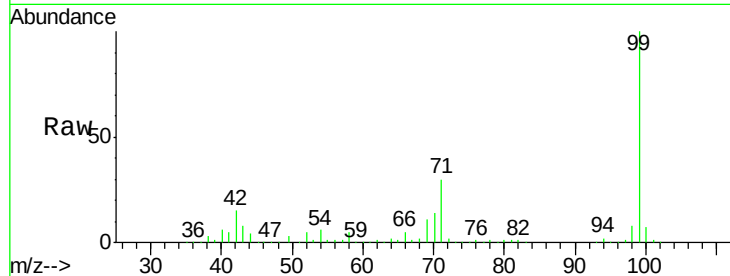
Tgt Ion: 99 Resp: 1163997

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

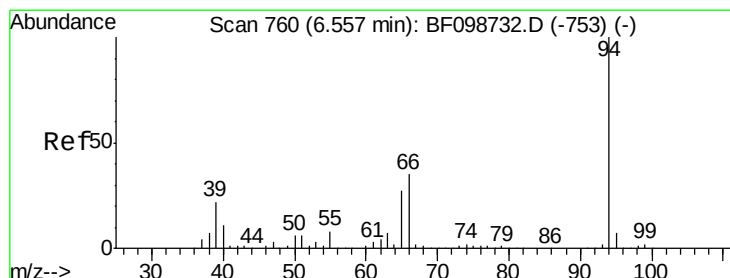
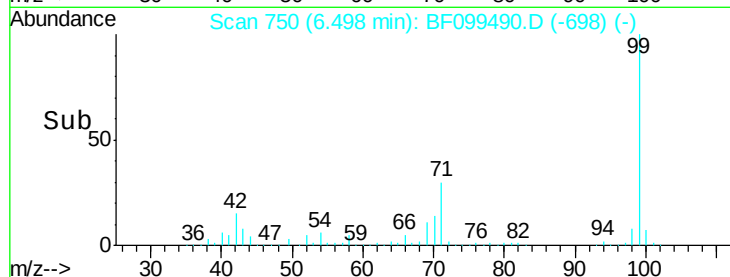
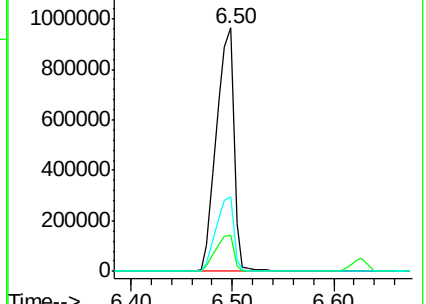
71 30.5 25.4 38.0



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



#10

Phenol

Concen: 8.46 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF099490.D

Acq: 14 Oct 2017 21:30

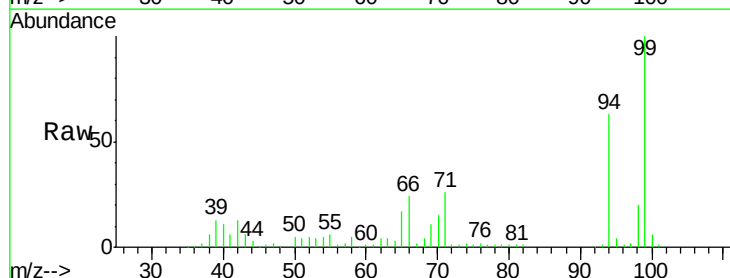
Tgt Ion: 94 Resp: 83622

Ion Ratio Lower Upper

94 100

65 26.7 7.9 47.9

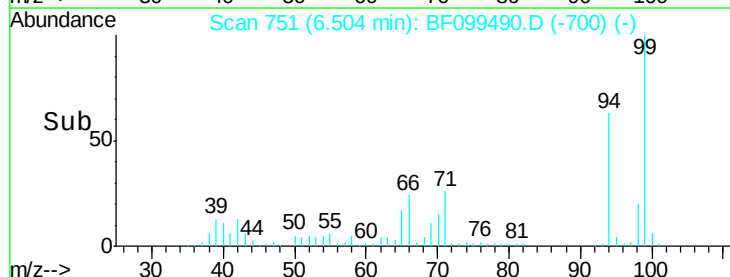
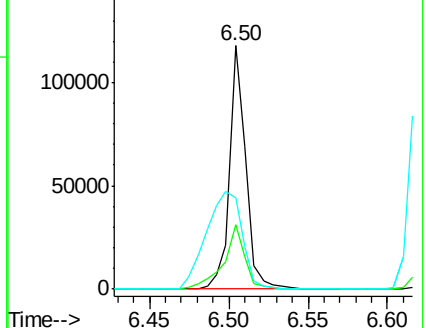
66 37.6 16.2 56.2

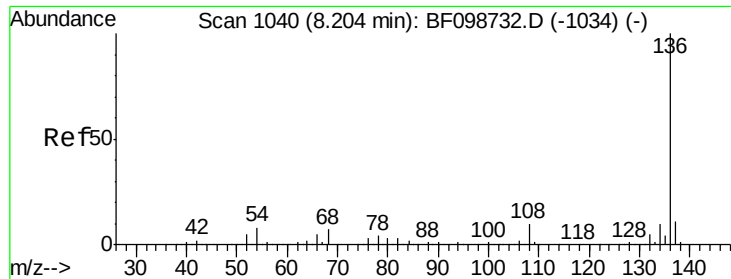


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

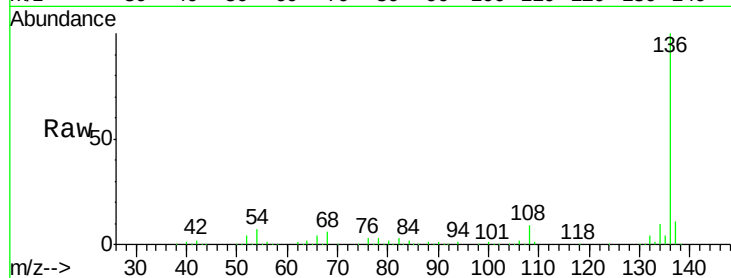




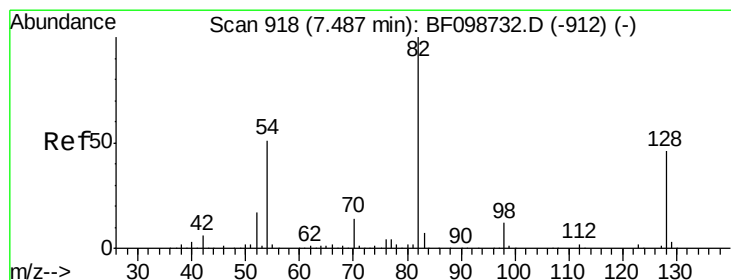
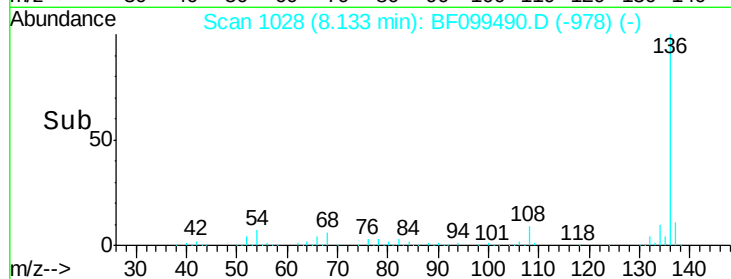
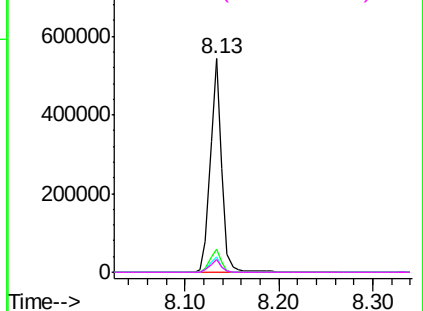
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF099490.D
Acq: 14 Oct 2017 21:30

Instrument :
BNA_F
ClientSampleId :
EPE-P6(80-90)

Tgt Ion:	136	Resp:	464263
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.9	6.6	9.8
68	6.0	5.0	7.4

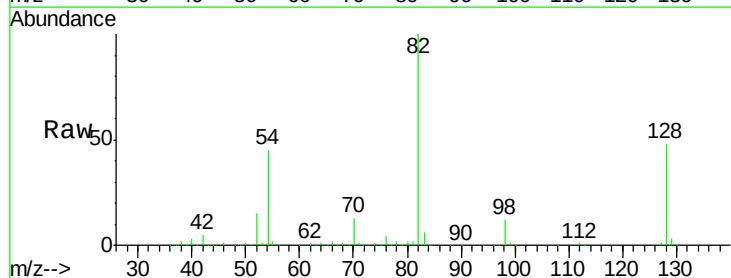


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

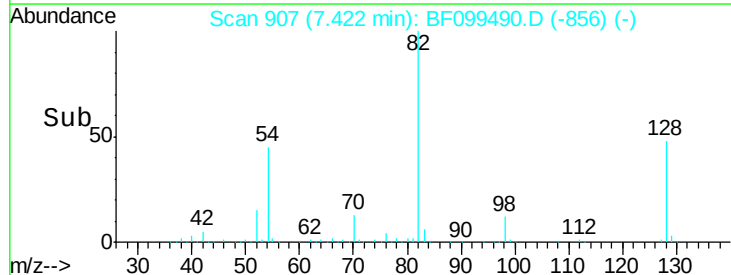
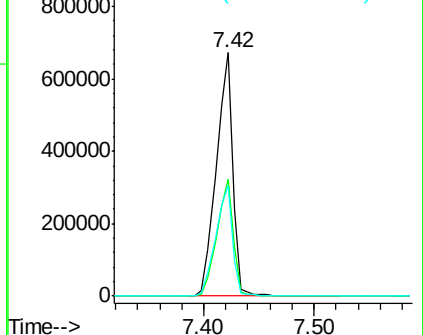


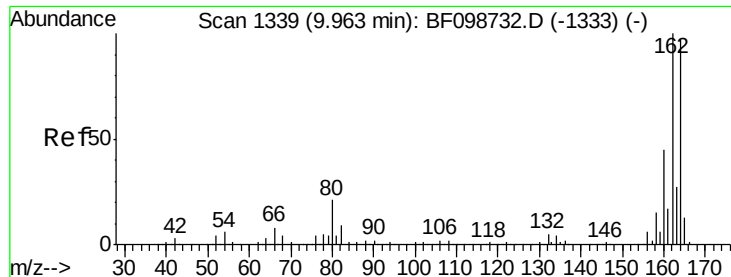
#23
Nitrobenzene-d5
Concen: 95.97 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099490.D
Acq: 14 Oct 2017 21:30

Tgt Ion:	82	Resp:	694800
Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	45.5	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

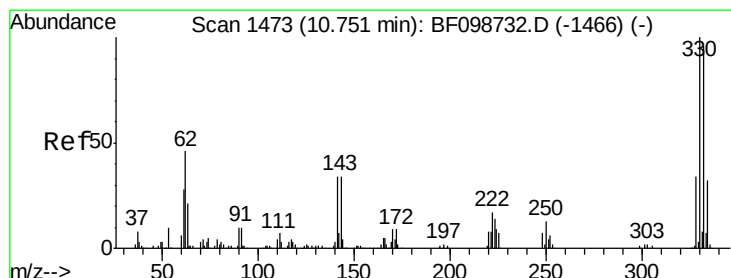
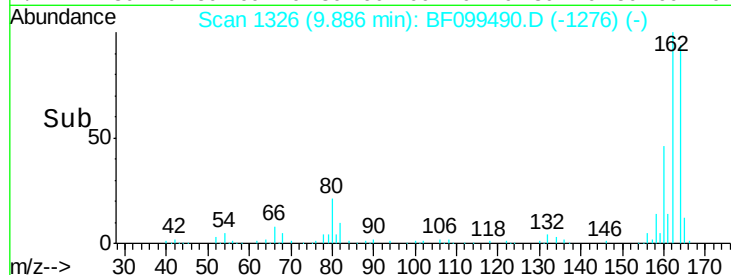
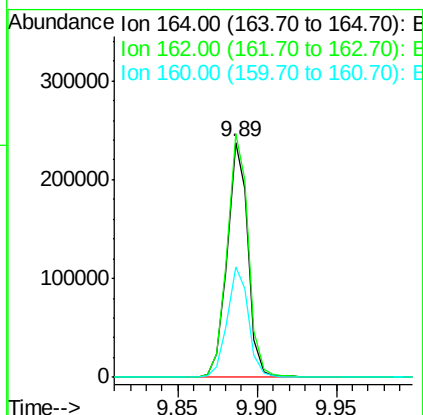
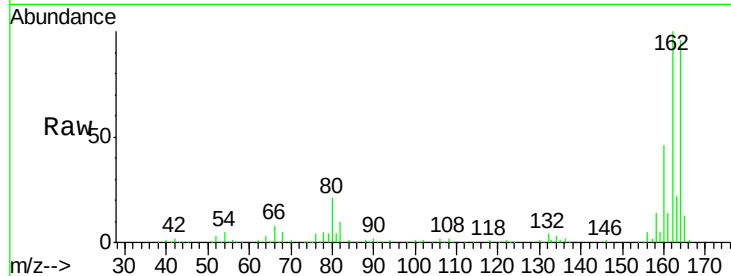




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099490.D
Acq: 14 Oct 2017 21:30

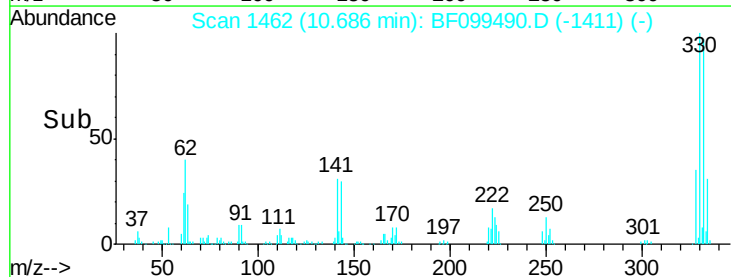
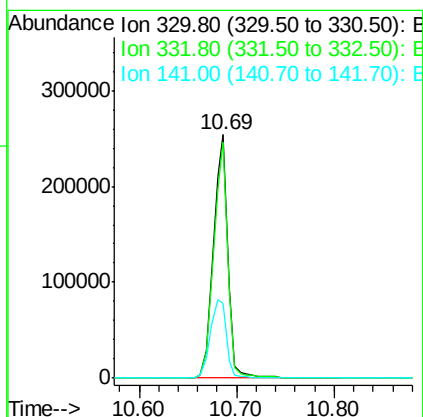
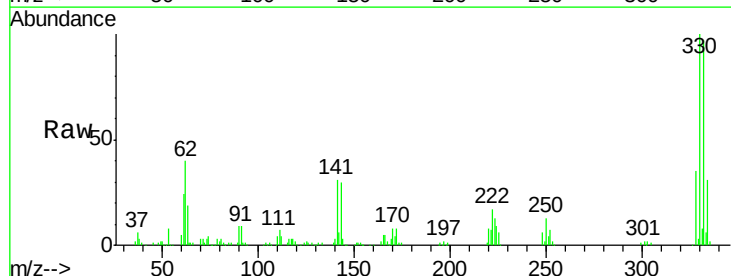
Instrument :
BNA_F
ClientSampleId :
EPE-P6(80-90)

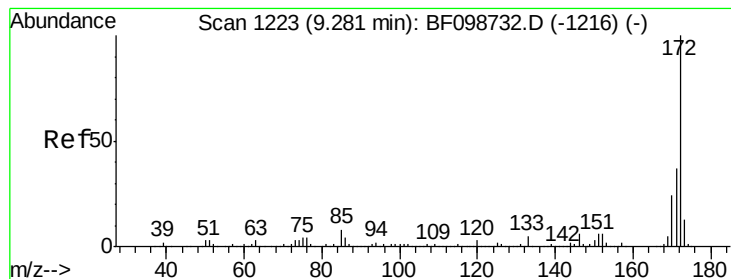
Tgt Ion:164 Resp: 215766
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 47.3 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 146.45 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF099490.D
Acq: 14 Oct 2017 21:30

Tgt Ion:330 Resp: 258568
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.6
141 37.0 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 90.77 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF099490.D

Acq: 14 Oct 2017 21:30

Instrument :

BNA_F

ClientSampleId :

EPE-P6(80-90)

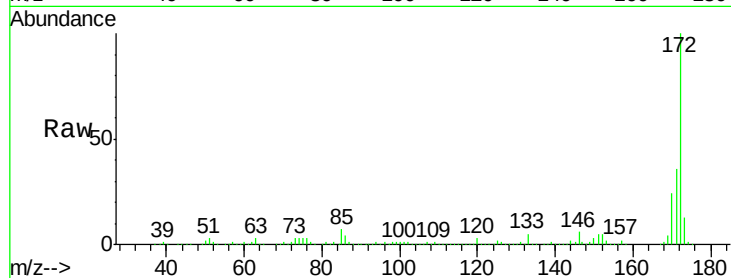
Tgt Ion:172 Resp: 1173134

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

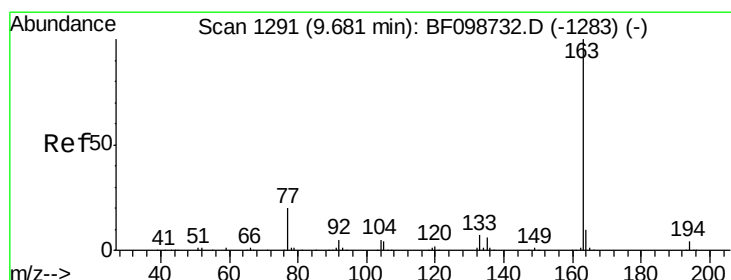
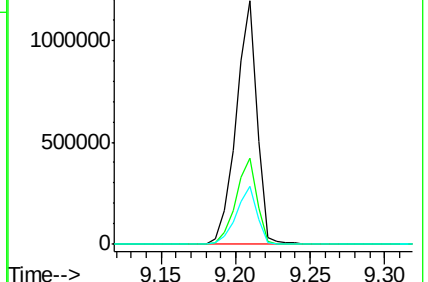
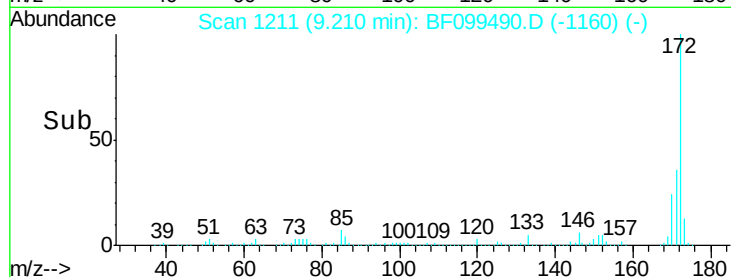
170 23.6 19.6 29.4



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: 14.20 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF099490.D

Acq: 14 Oct 2017 21:30

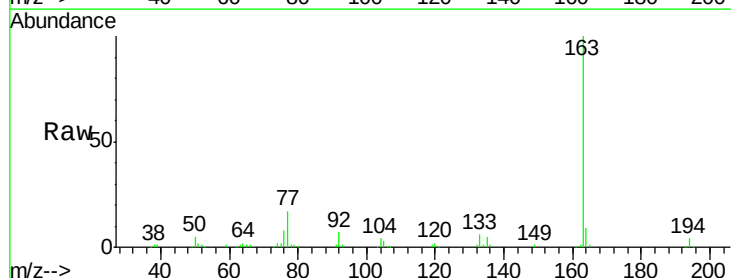
Tgt Ion:163 Resp: 231294

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

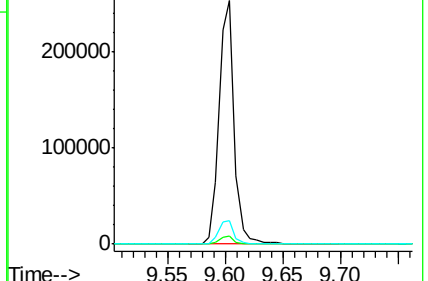
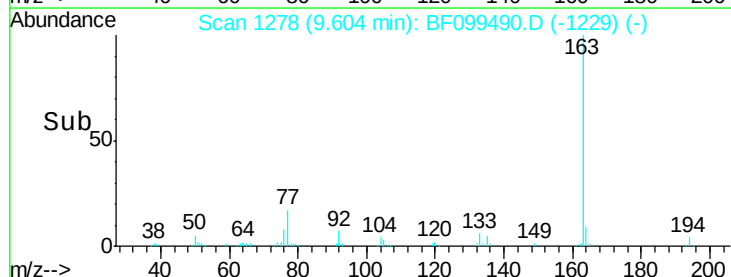
164 9.4 8.2 12.2

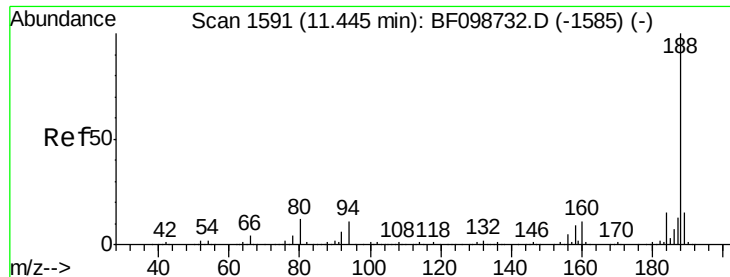


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

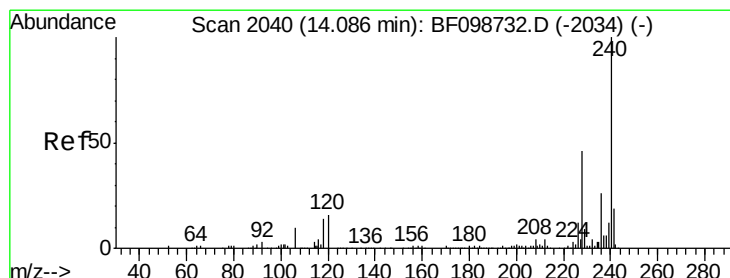
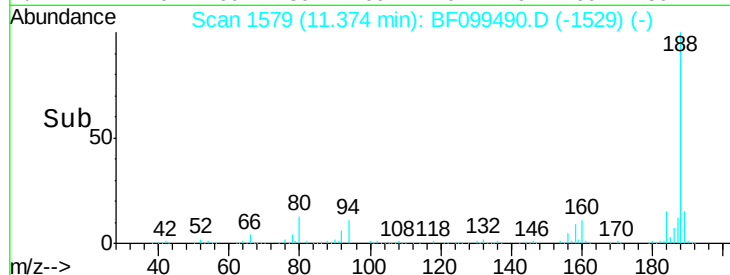
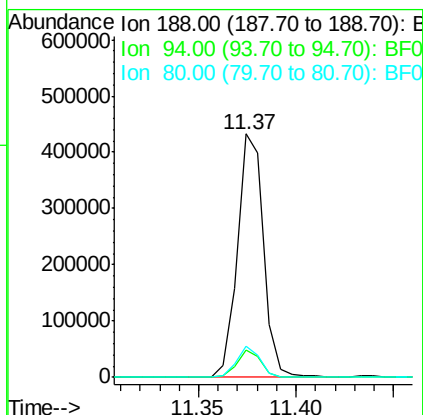
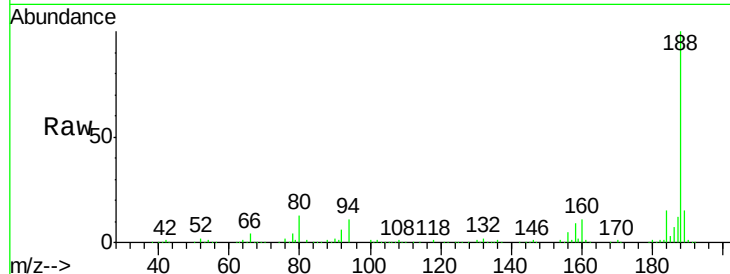




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF099490.D
Acq: 14 Oct 2017 21:30

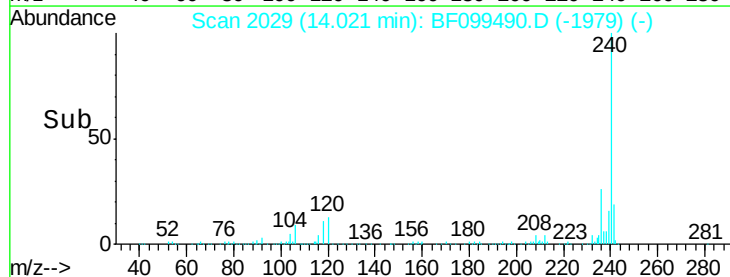
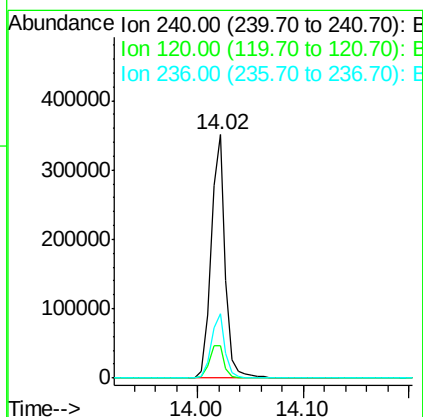
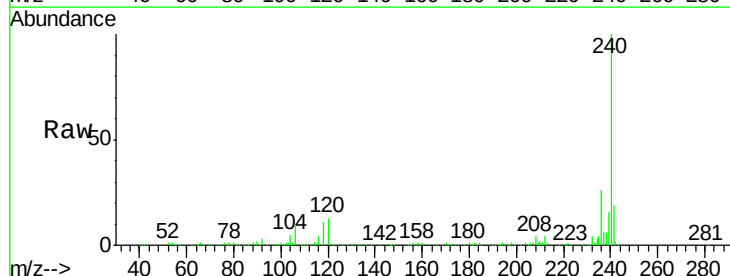
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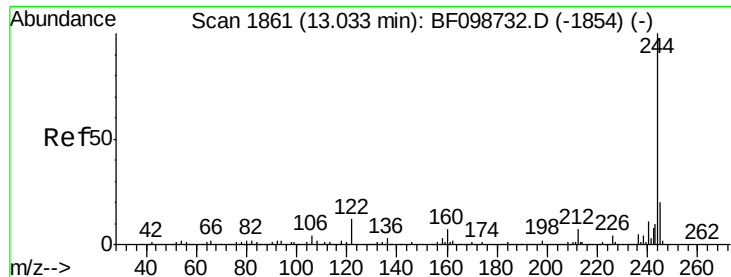
Tgt Ion:188 Resp: 399938
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099490.D
Acq: 14 Oct 2017 21:30

Tgt Ion:240 Resp: 326803
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 75.80 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF099490.D

Acq: 14 Oct 2017 21:30

Instrument :

BNA_F

ClientSampleId :

EPE-P6(80-90)

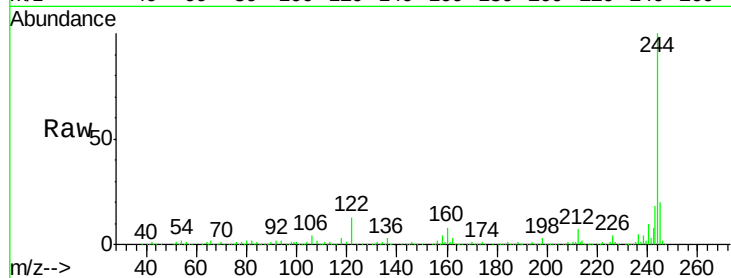
Tgt Ion:244 Resp: 1089242

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

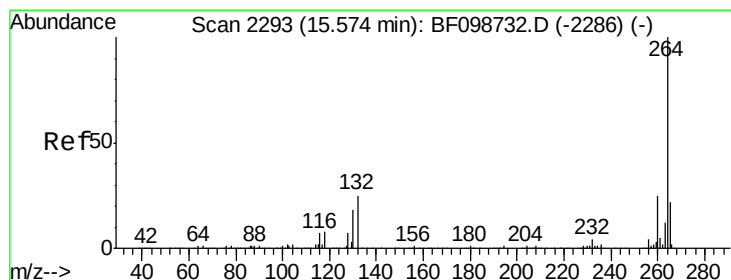
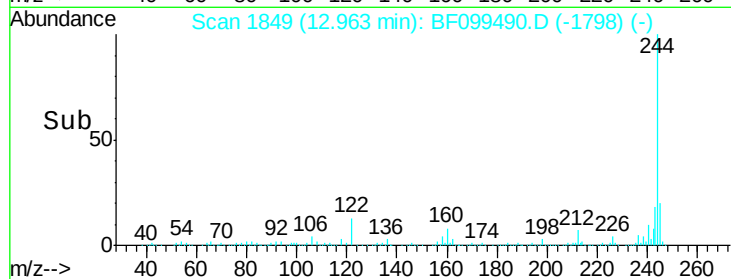
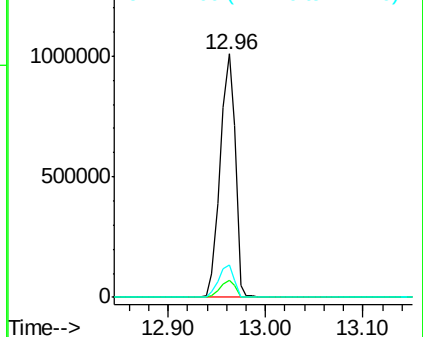
122 13.3 11.0 16.4



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: 20.00 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF099490.D

Acq: 14 Oct 2017 21:30

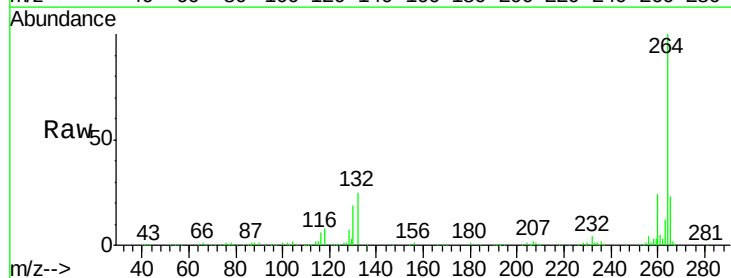
Tgt Ion:264 Resp: 249708

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 22.5 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

