

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094402.D
 Acq On : 13 Apr 2017 20:39
 Operator : SJ/MA
 Sample : I2666-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-PRODUCED-4-10

Quant Time: Apr 14 02:33:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 01:21:26 2017
 Response via : Initial Calibration

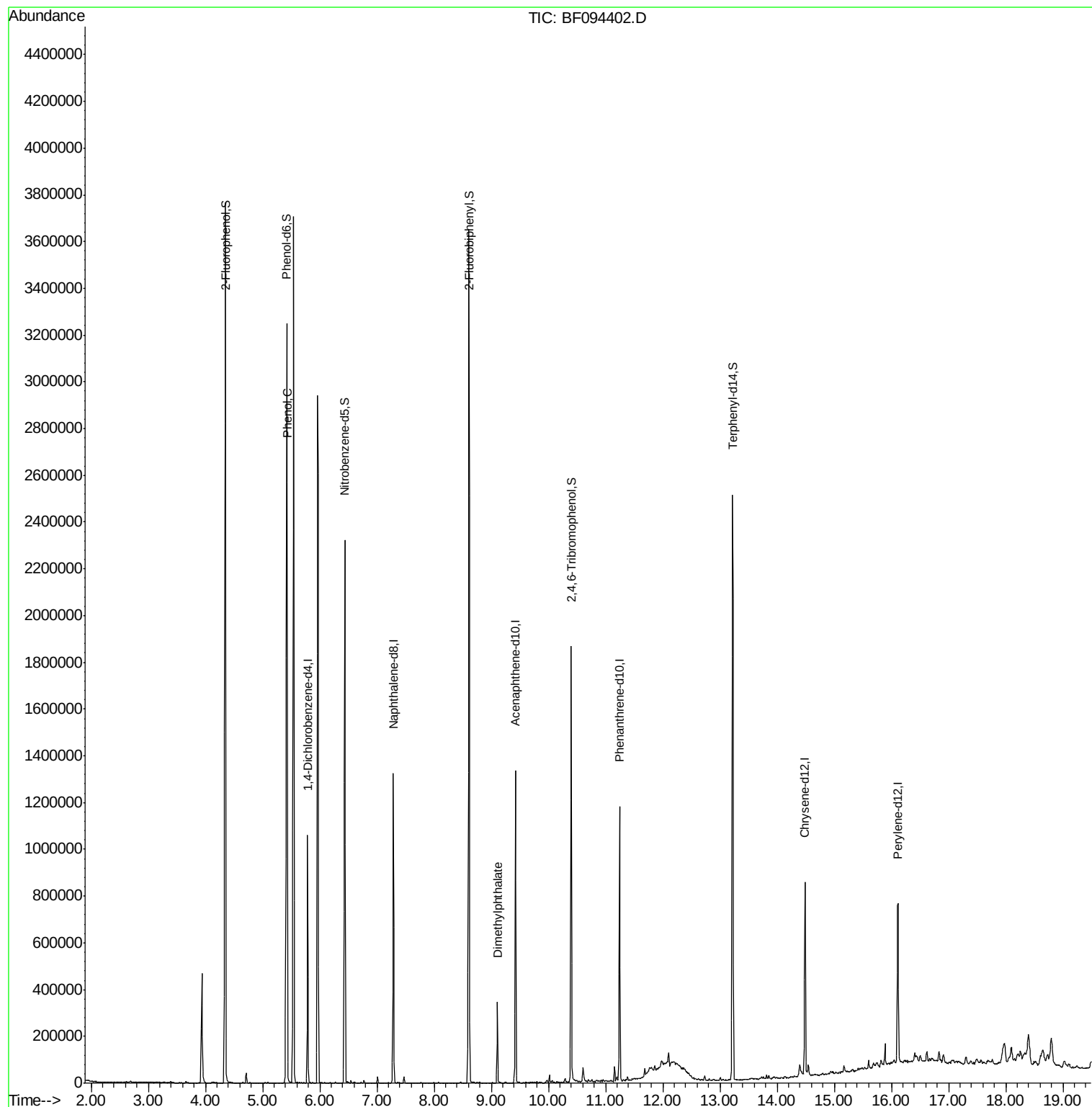
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	164341	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	658318	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	284505	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	472325	20.00	ng	-0.05
75) Chrysene-d12	14.49	240	326683	20.00	ng	-0.06
86) Perylene-d12	16.12	264	271104	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.35	112	1191060	122.41	ng	-0.03
7) Phenol-d6	5.42	99	1524307	126.64	ng	-0.04
23) Nitrobenzene-d5	6.44	82	943252	81.77	ng	-0.05
41) 2,4,6-Tribromophenol	10.40	330	263833	117.35	ng	-0.04
44) 2-Fluorobiphenyl	8.61	172	1378175	73.89	ng	-0.05
78) Terphenyl-d14	13.22	244	929780	63.80	ng	-0.05
Target Compounds						
10) Phenol	5.43	94	75597	5.52	ng	86
49) Dimethylphthalate	9.10	163	148936	7.36	ng	100

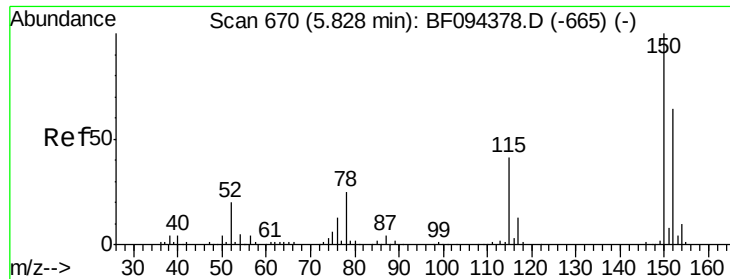
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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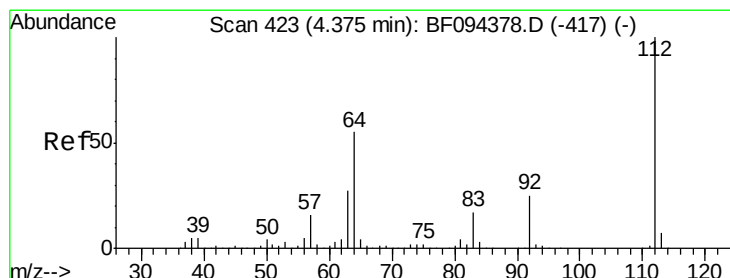
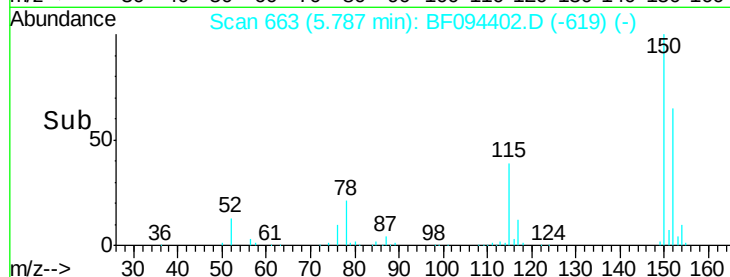
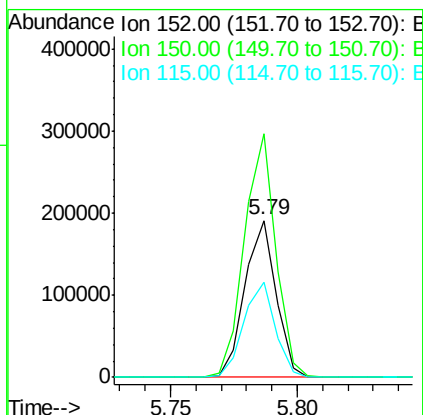
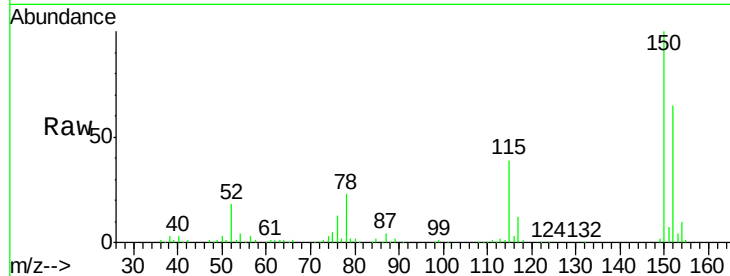


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.04 min
Lab File: BF094402.D
Acq: 13 Apr 2017 20:39

Instrument :
BNA_F
ClientSampleId :
EME-PRODUCED-4-10

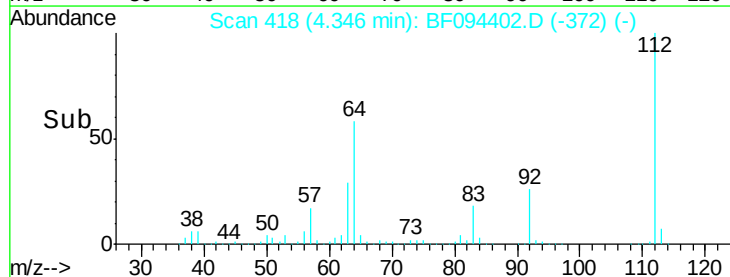
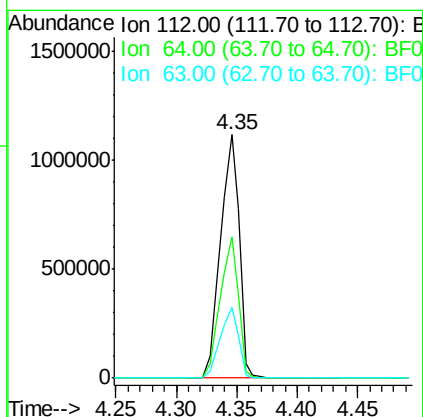
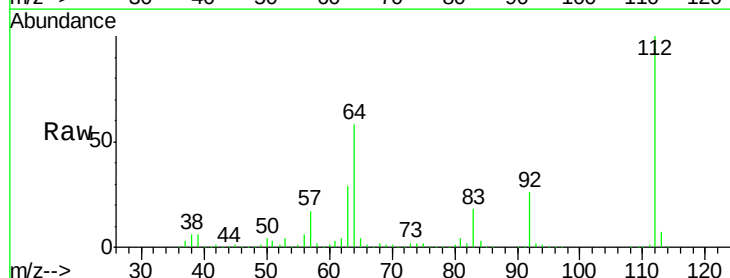
Tot Ion:152 Resp: 164341
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 60.5 52.2 78.2

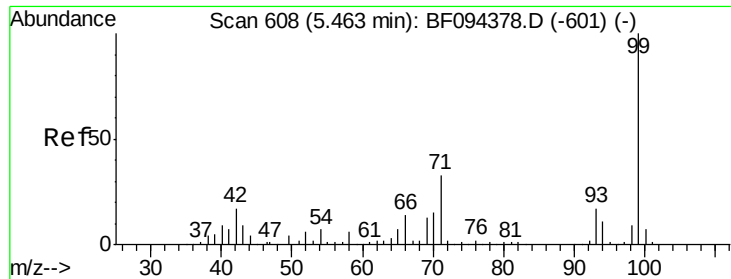


#5

2-Fluorophenol
Concen: 122.41 ng
RT: 4.35 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF094402.D
Acq: 13 Apr 2017 20:39

Tgt Ion:112 Resp: 1191060
Ion Ratio Lower Upper
112 100
64 58.1 46.0 69.0
63 28.9 23.4 35.0





#7

Phenol-d6

Concen: 126.64 ng

RT: 5.42 min Scan# 601

Delta R.T. -0.04 min

Lab File: BF094402.D

Acq: 13 Apr 2017 20:39

Instrument :

BNA_F

ClientSampleId :

EME-PRODUCED-4-10

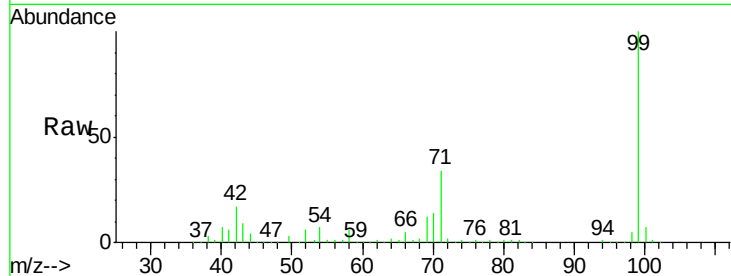
Tot Ion: 99 Resp: 1524307

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	34.3	24.5	36.7

99 100

42 17.5 13.5 20.3

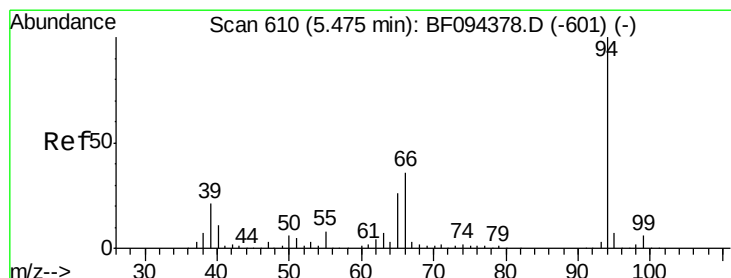
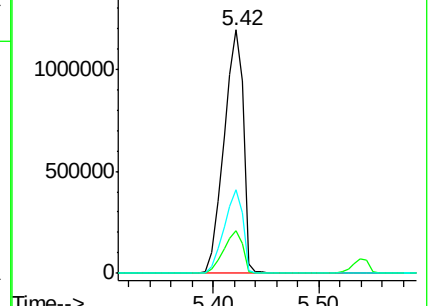
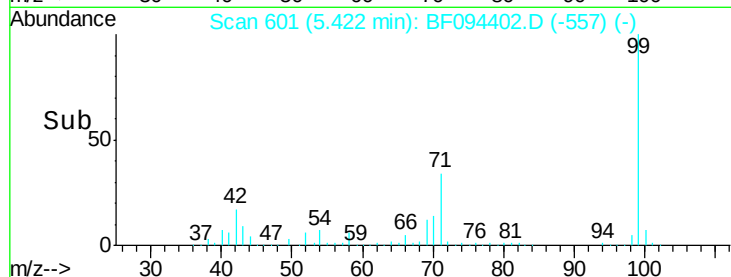
71 34.3 24.5 36.7



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: 5.52 ng

RT: 5.43 min Scan# 603

Delta R.T. -0.04 min

Lab File: BF094402.D

Acq: 13 Apr 2017 20:39

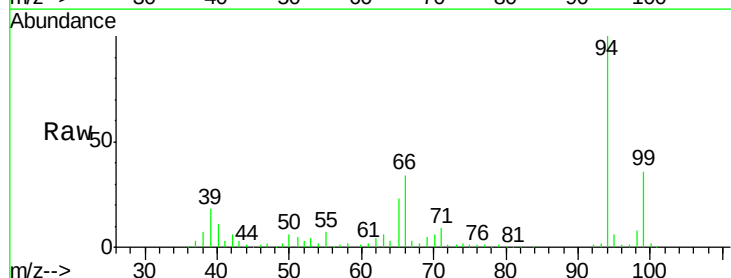
Tgt Ion: 94 Resp: 75597

Ion	Ratio	Lower	Upper
94	100		
65	22.7	9.9	49.9
66	33.7	23.1	63.1

94 100

65 22.7 9.9 49.9

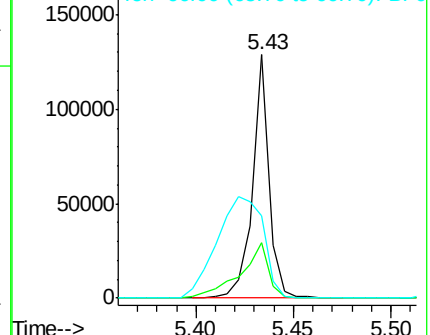
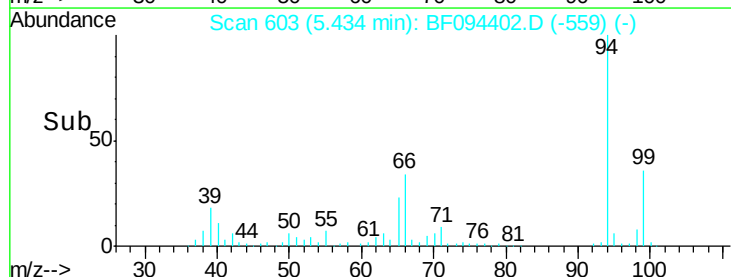
66 33.7 23.1 63.1

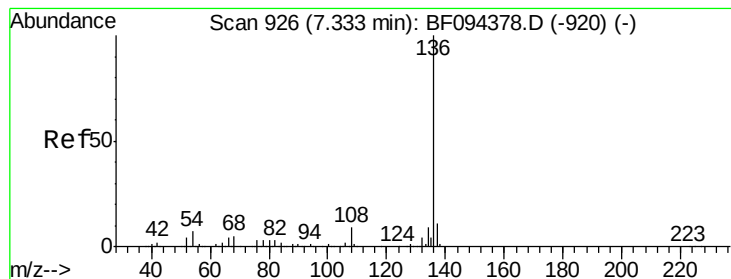


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.29 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF094402.D

Acq: 13 Apr 2017 20:39

Instrument :

BNA_F

ClientSampleId :

EME-PRODUCED-4-10

Tot Ion:136 Resp: 658318

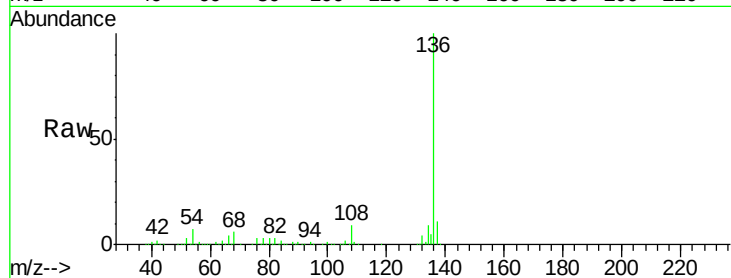
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.0 4.9 7.3

68 5.6 4.1 6.1

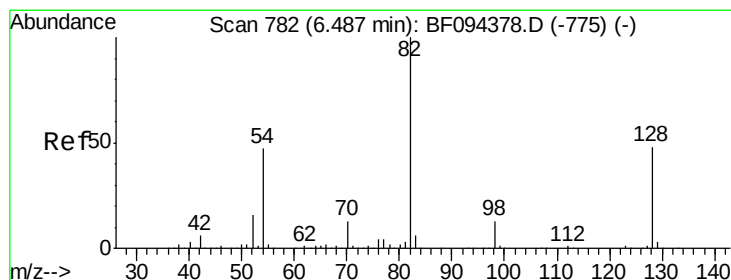
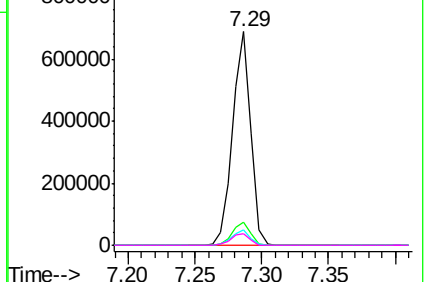
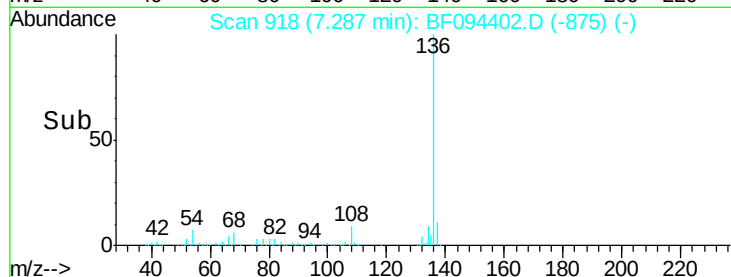


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.77 ng

RT: 6.44 min Scan# 774

Delta R.T. -0.05 min

Lab File: BF094402.D

Acq: 13 Apr 2017 20:39

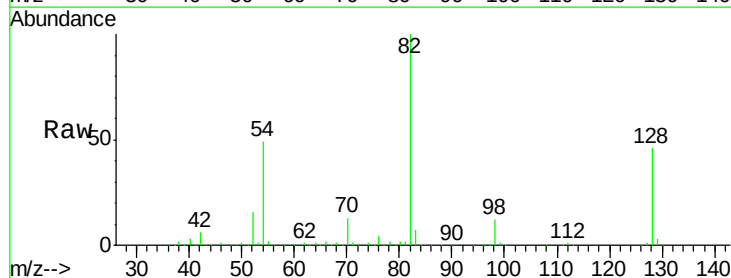
Tgt Ion: 82 Resp: 943252

Ion Ratio Lower Upper

82 100

128 46.5 34.0 51.0

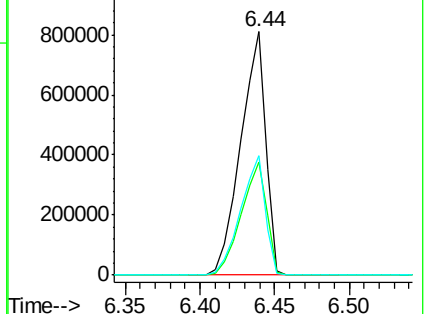
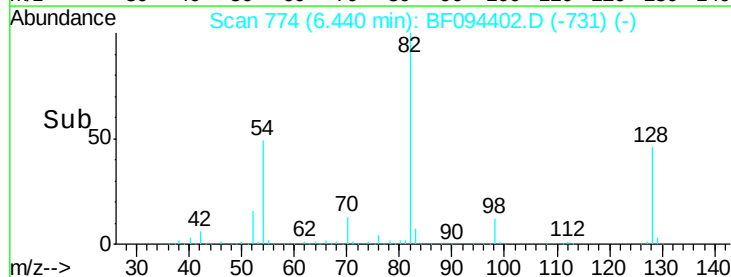
54 48.9 42.2 63.2

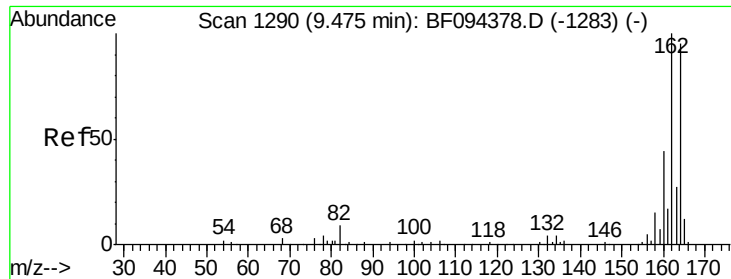


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.42 min Scan# 1281

Delta R.T. -0.05 min

Lab File: BF094402.D

Acq: 13 Apr 2017 20:39

Instrument :

BNA_F

ClientSampleId :

EME-PRODUCED-4-10

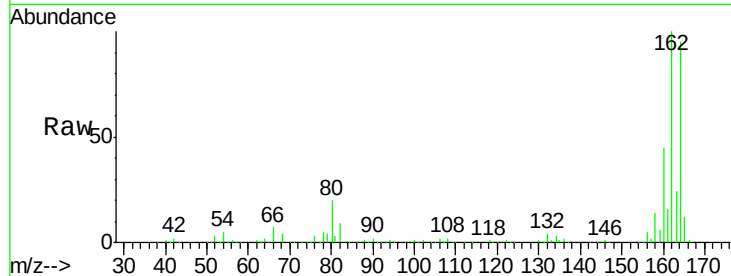
Tot Ion:164 Resp: 284505

Ion Ratio Lower Upper

164 100

162 105.0 82.6 123.8

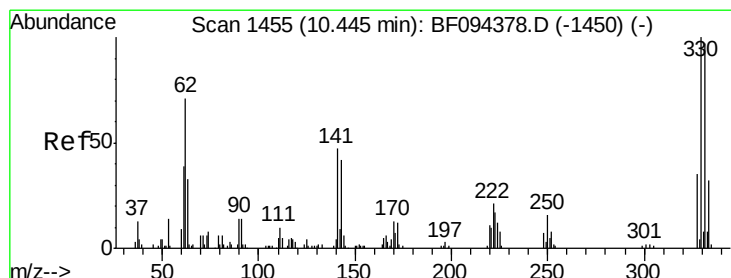
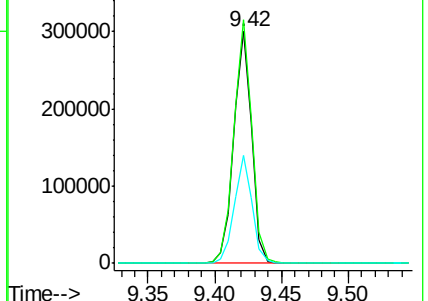
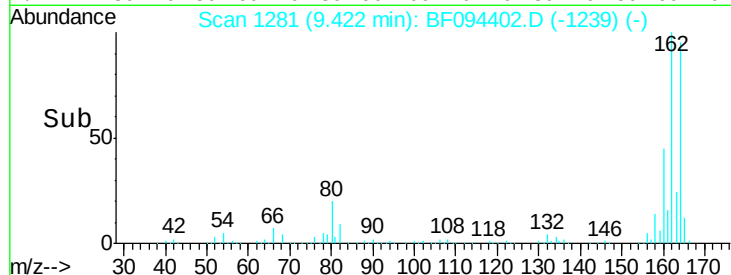
160 46.7 36.2 54.2



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: 117.35 ng

RT: 10.40 min Scan# 1448

Delta R.T. -0.04 min

Lab File: BF094402.D

Acq: 13 Apr 2017 20:39

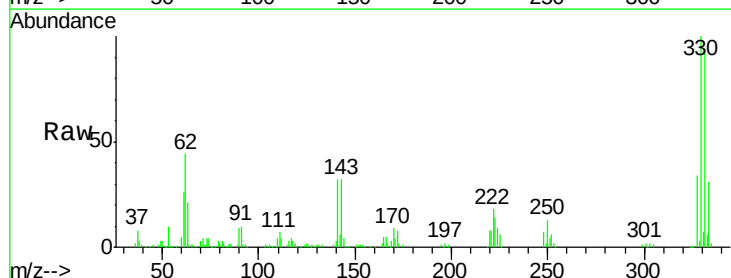
Tgt Ion:330 Resp: 263833

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

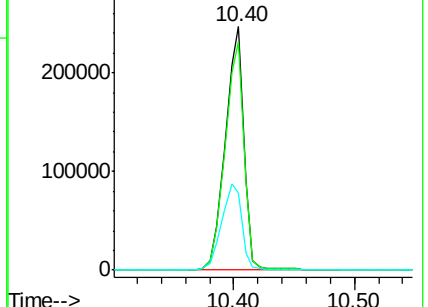
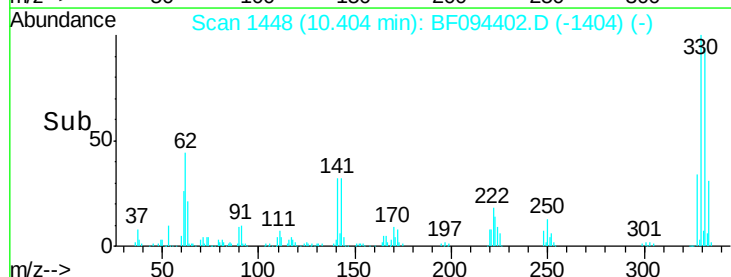
141 38.8 31.4 47.2

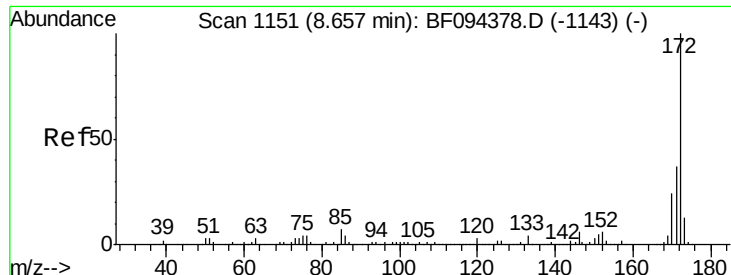


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

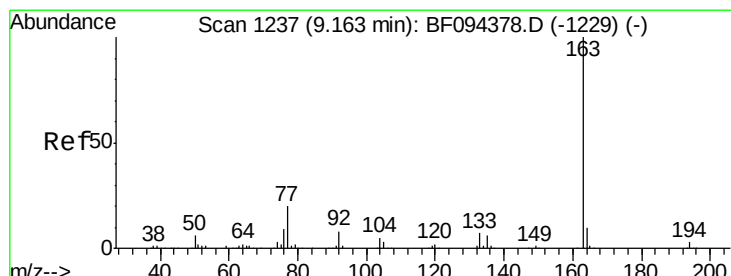
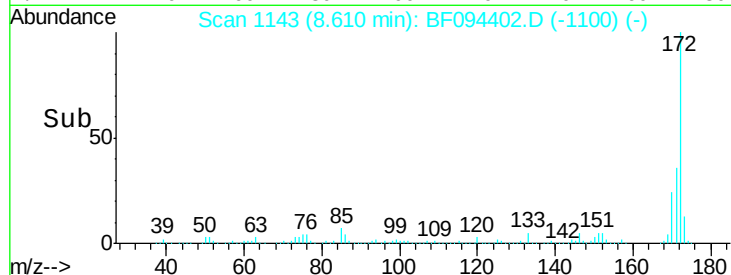
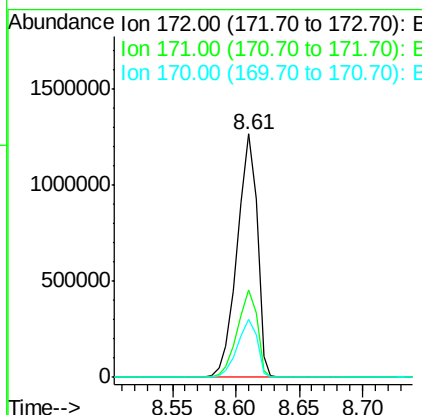
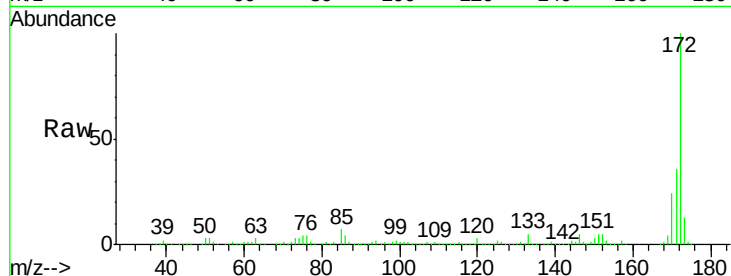




#44
2-Fluorobiphenyl
Concen: 73.89 ng
RT: 8.61 min Scan# 1143
Delta R.T. -0.05 min
Lab File: BF094402.D
Acq: 13 Apr 2017 20:39

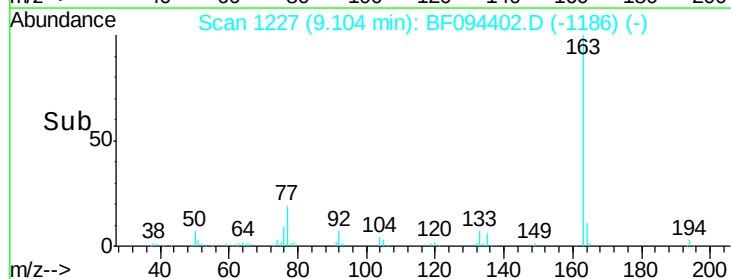
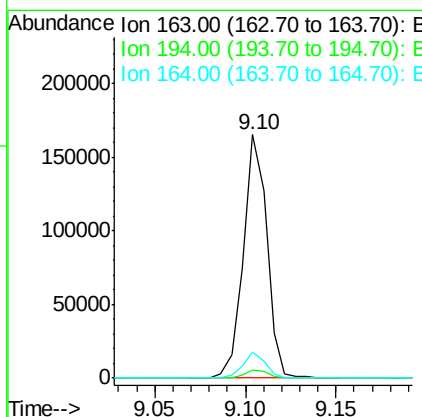
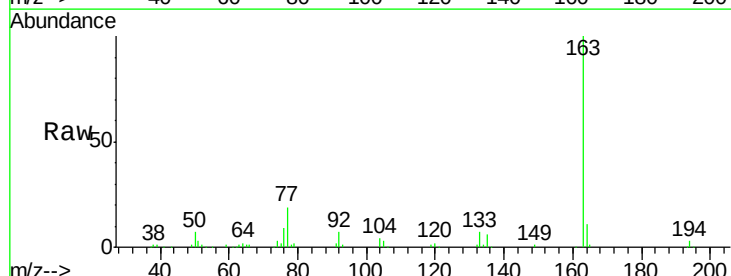
Instrument :
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EME-PRODUCED-4-10

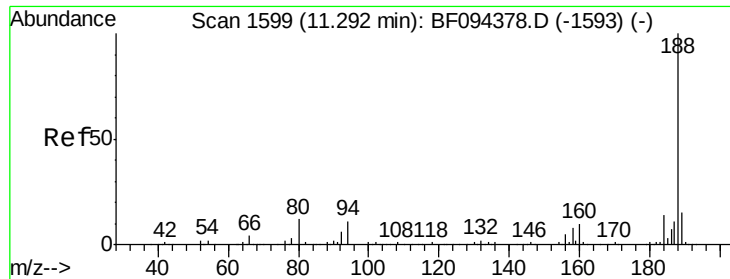
Tot Ion:172 Resp: 1378175
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.7 19.8 29.8



#49
Dimethylphthalate
Concen: 7.36 ng
RT: 9.10 min Scan# 1227
Delta R.T. -0.06 min
Lab File: BF094402.D
Acq: 13 Apr 2017 20:39

Tgt Ion:163 Resp: 148936
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.6 8.4 12.6

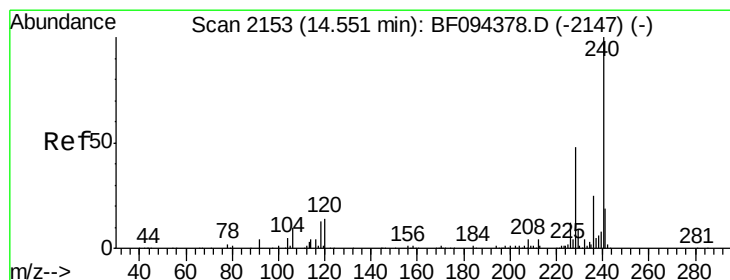
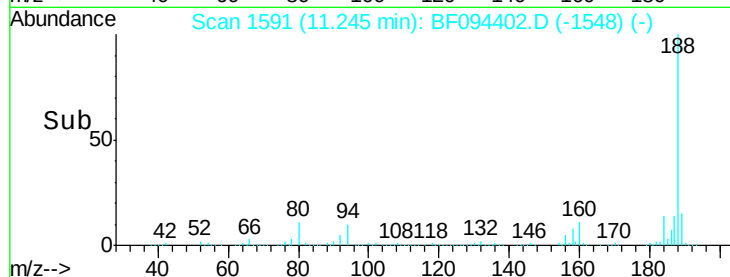
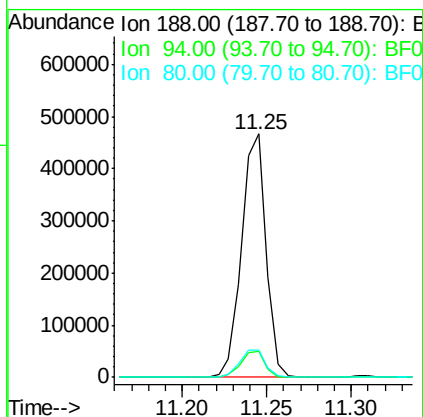
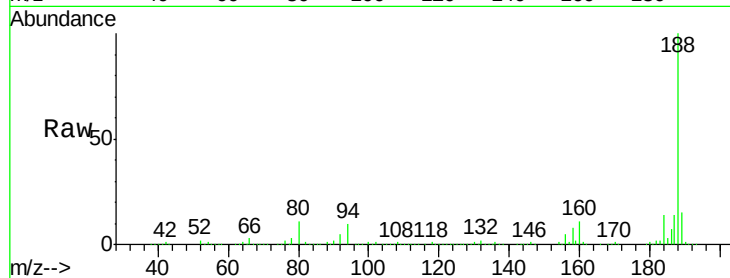




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1591
Delta R.T. -0.05 min
Lab File: BF094402.D
Acq: 13 Apr 2017 20:39

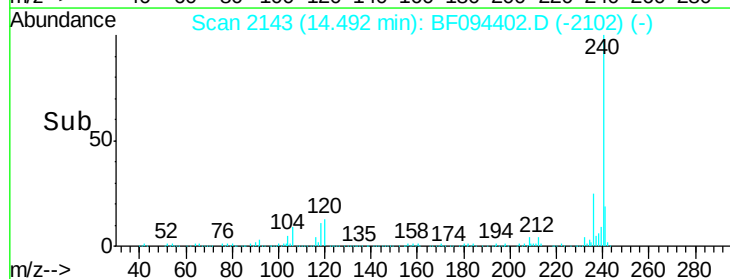
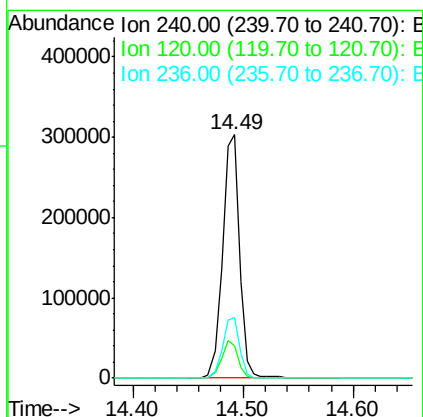
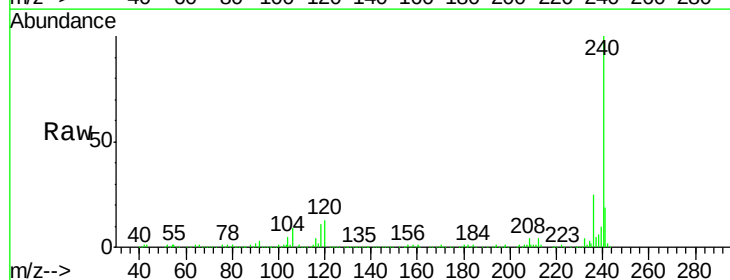
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EME-PRODUCED-4-10

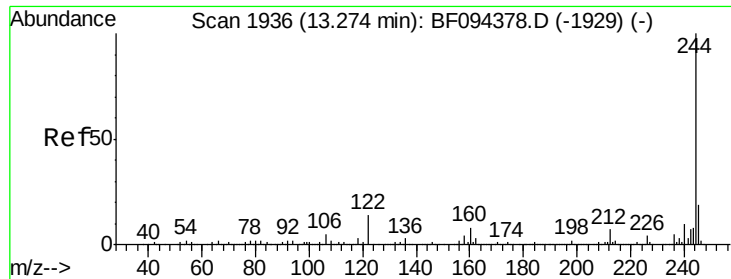
Tot Ion:188 Resp: 472325
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.3 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.49 min Scan# 2143
Delta R.T. -0.06 min
Lab File: BF094402.D
Acq: 13 Apr 2017 20:39

Tgt Ion:240 Resp: 326683
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 24.9 20.5 30.7

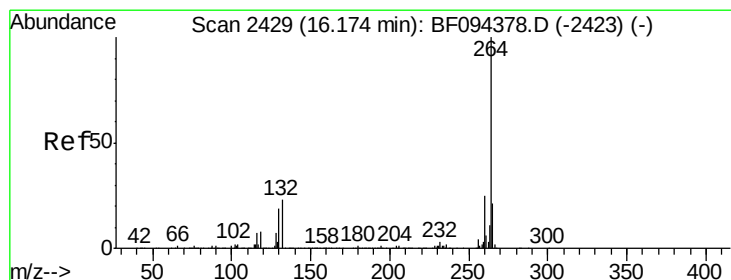
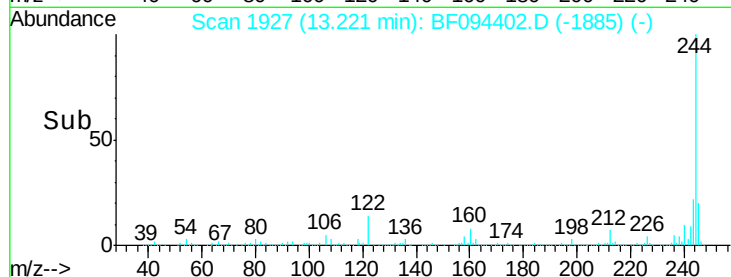
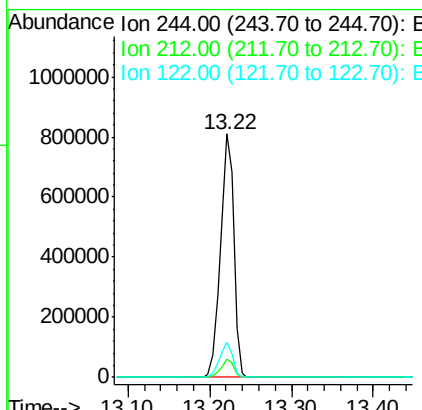
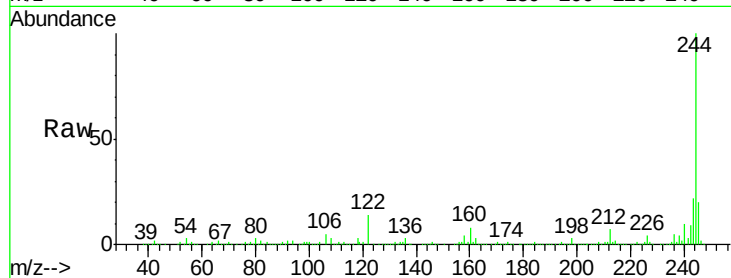




#78
 Terphenyl-d14
 Concen: 63.80 ng
 RT: 13.22 min Scan# 1927
 Delta R.T. -0.05 min
 Lab File: BF094402.D
 Acq: 13 Apr 2017 20:39

Instrument :
 BNA_F
 ClientSampleId :
 EME-PRODUCED-4-10

Tot Ion:244 Resp: 929780
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.12 min Scan# 2419
 Delta R.T. -0.06 min
 Lab File: BF094402.D
 Acq: 13 Apr 2017 20:39

Tgt Ion:264 Resp: 271104
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 21.6 17.2 25.8

