

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094454.D
 Acq On : 17 Apr 2017 17:29
 Operator : SJ/MA
 Sample : I2687-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 28C-9-11

Quant Time: Apr 18 02:11:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

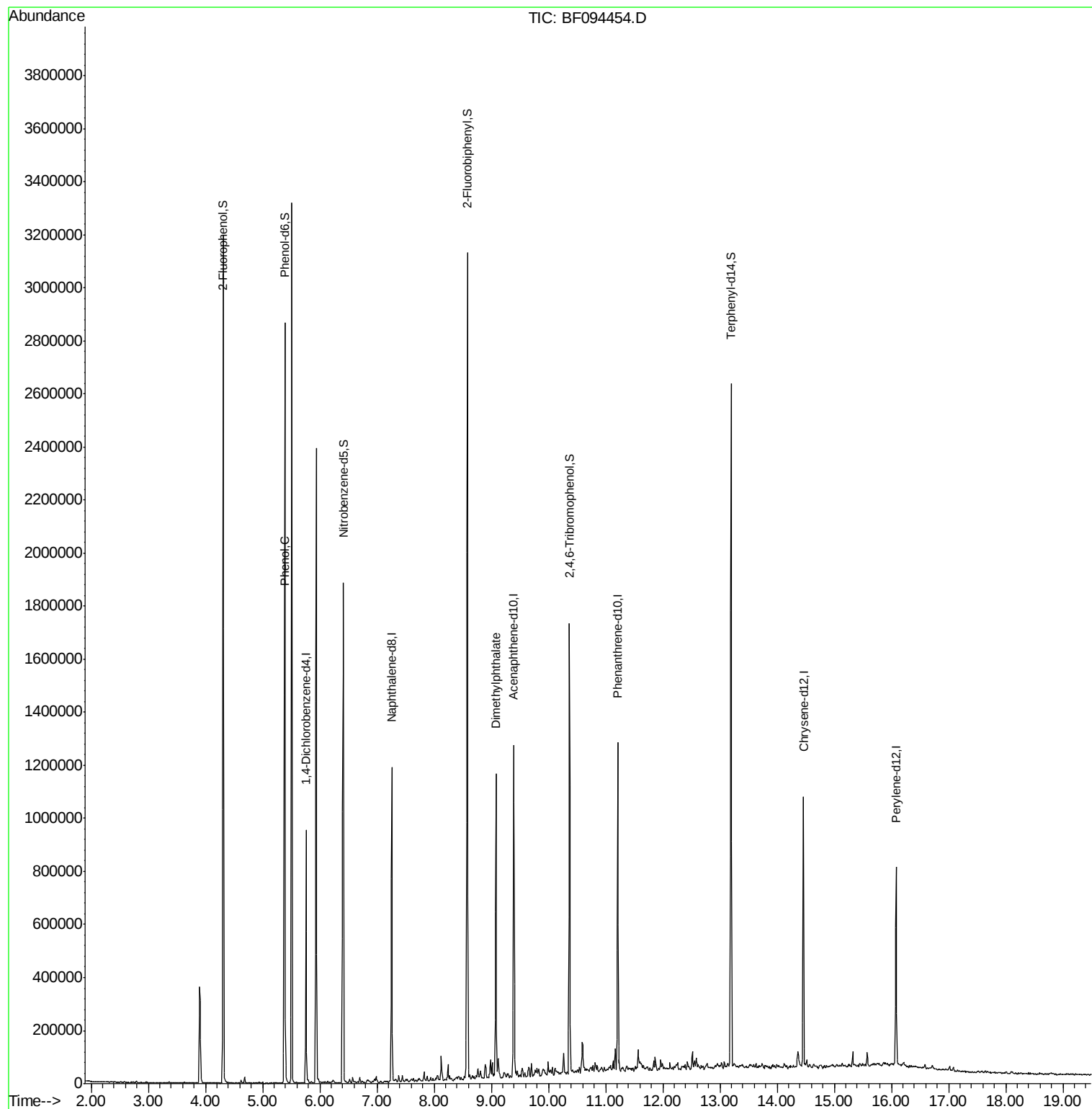
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	145375	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	593176	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	277571	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	491648	20.00	ng	0.00
75) Chrysene-d12	14.46	240	410998	20.00	ng	0.00
86) Perylene-d12	16.08	264	285100	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	937390	106.98	ng	0.00
7) Phenol-d6	5.39	99	1201697	116.33	ng	0.00
23) Nitrobenzene-d5	6.41	82	722385	75.20	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	208920	96.23	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1278970	67.80	ng	0.00
78) Terphenyl-d14	13.20	244	1016876	66.13	ng	0.00
Target Compounds						
10) Phenol	5.40	94	38089	3.00	ng	89
49) Dimethylphthalate	9.08	163	536983	25.96	ng	100

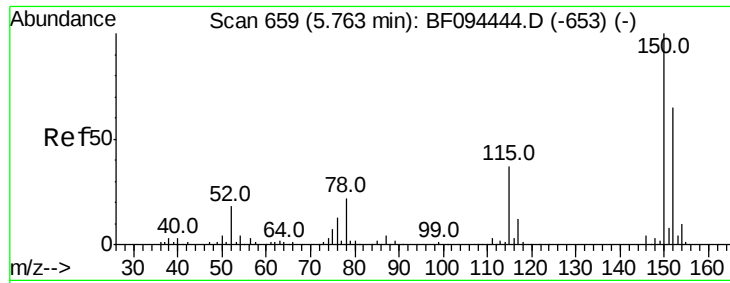
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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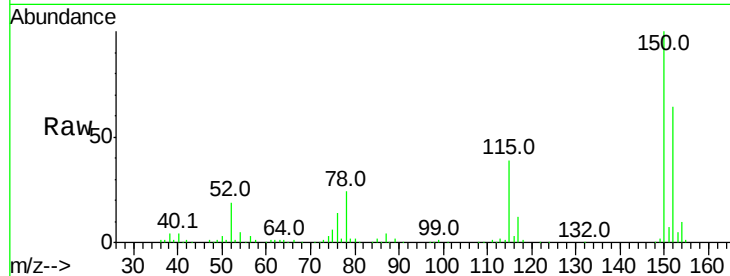


#1

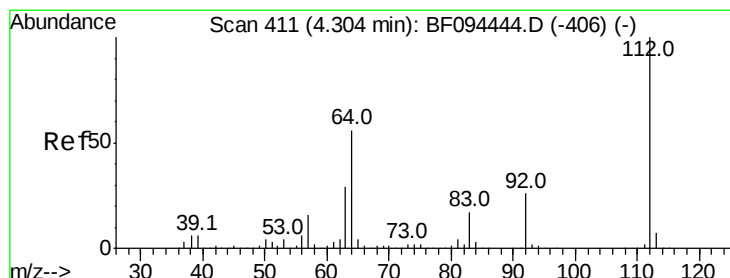
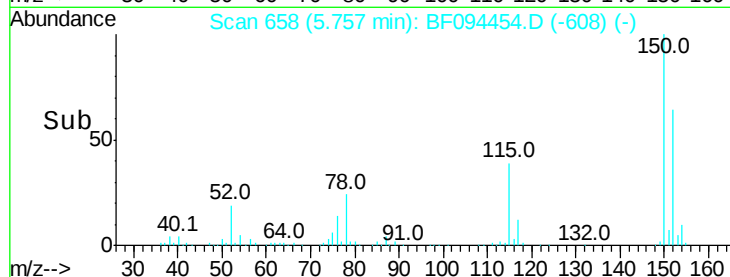
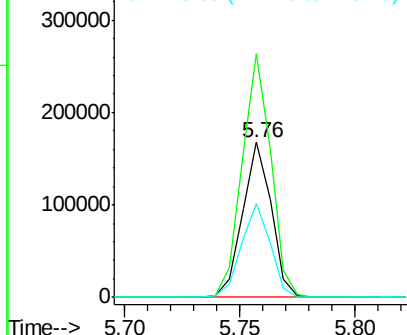
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094454.D
Acq: 17 Apr 2017 17:29

Instrument :
BNA_F
ClientSampleId :
28C-9-11

Tot Ion:152 Resp: 145375
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 60.6 52.2 78.2



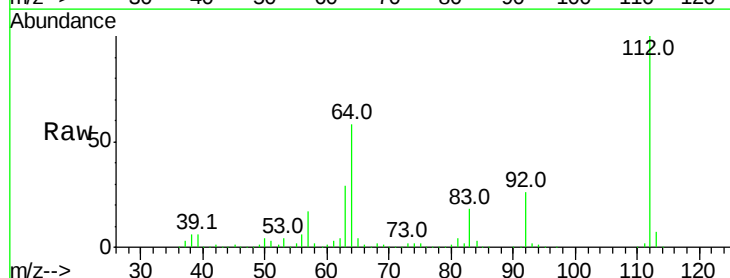
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



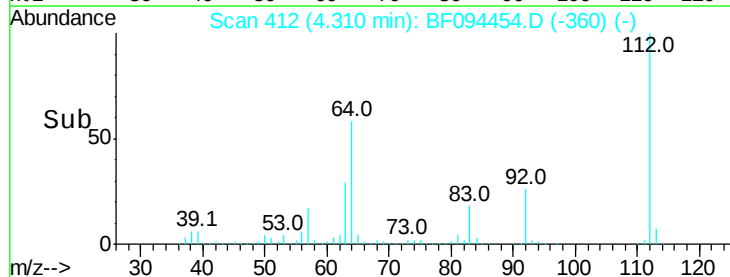
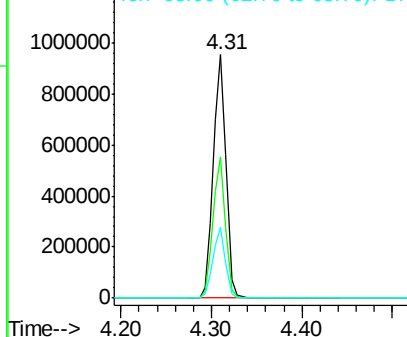
#5

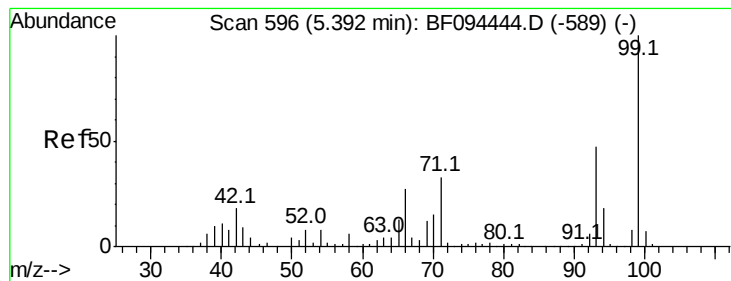
2-Fluorophenol
Concen: 106.98 ng
RT: 4.31 min Scan# 412
Delta R.T. 0.01 min
Lab File: BF094454.D
Acq: 17 Apr 2017 17:29

Tgt Ion:112 Resp: 937390
Ion Ratio Lower Upper
112 100
64 58.0 46.0 69.0
63 29.0 23.4 35.0



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: 116.33 ng

RT: 5.39 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF094454.D

Acq: 17 Apr 2017 17:29

Instrument :

BNA_F

ClientSampleId :

28C-9-11

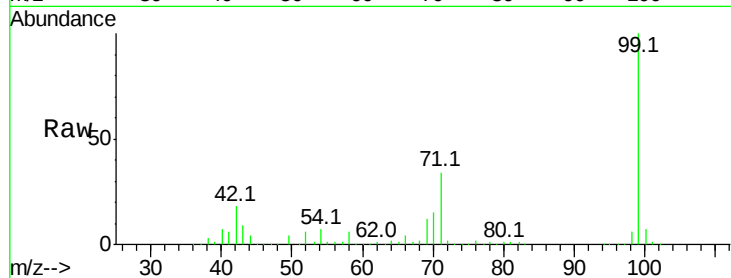
Tot Ion: 99 Resp: 1201697

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	33.8	24.5	36.7

99 100

42 17.5 13.5 20.3

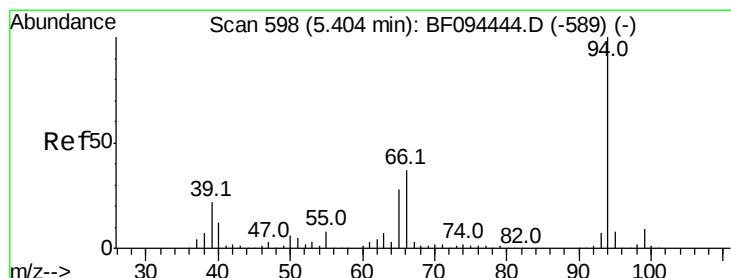
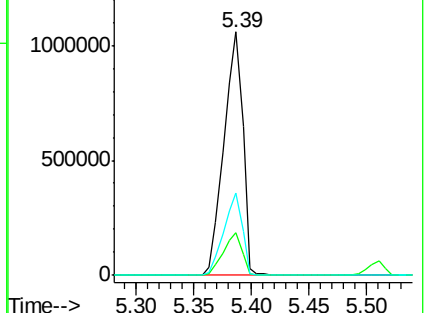
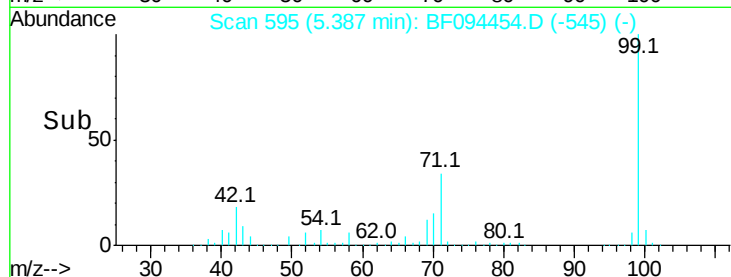
71 33.8 24.5 36.7



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: 3.00 ng

RT: 5.40 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF094454.D

Acq: 17 Apr 2017 17:29

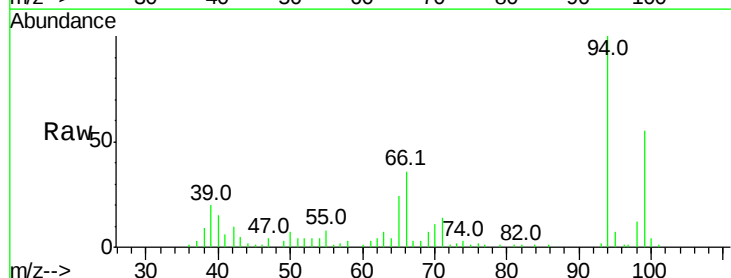
Tgt Ion: 94 Resp: 38089

Ion	Ratio	Lower	Upper
94	100		
65	24.0	9.9	49.9
66	35.9	23.1	63.1

94 100

65 24.0 9.9 49.9

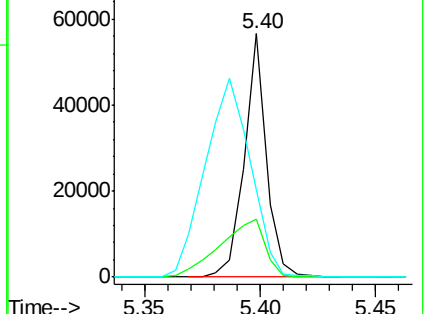
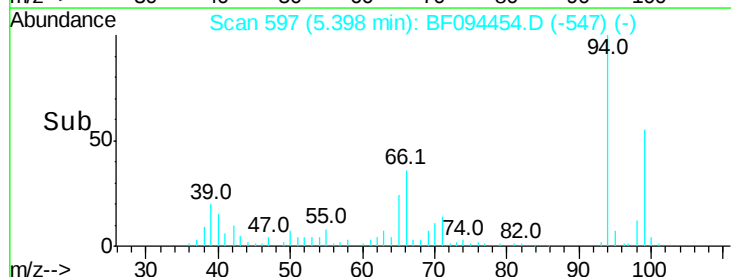
66 35.9 23.1 63.1

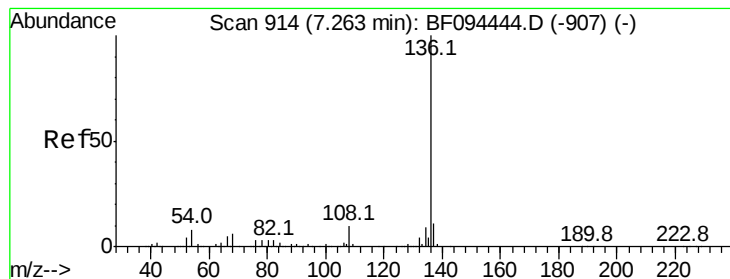


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.26 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF094454.D

Acq: 17 Apr 2017 17:29

Instrument :

BNA_F

ClientSampleId :

28C-9-11

Tot Ion:136 Resp: 593176

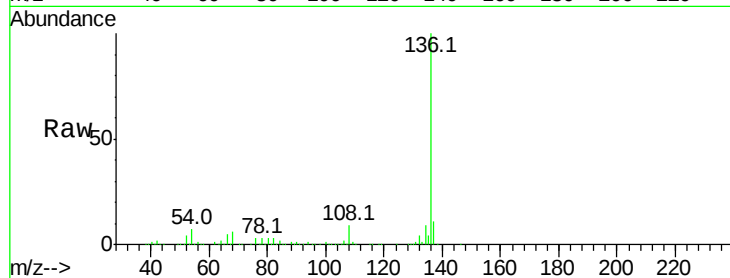
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 7.5 4.9 7.3#

68 5.6 4.1 6.1

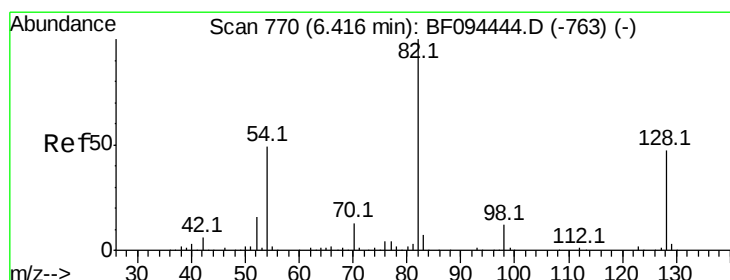
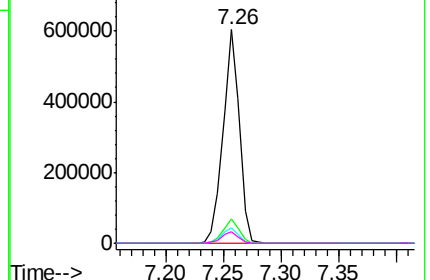
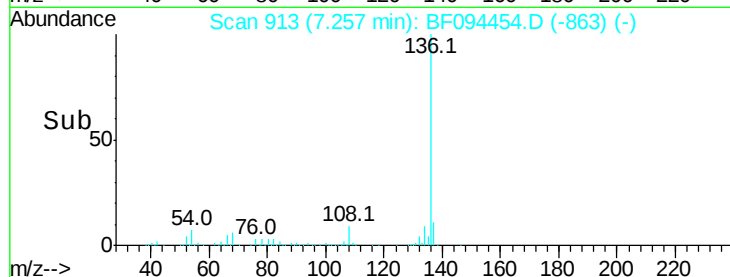


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.20 ng

RT: 6.41 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF094454.D

Acq: 17 Apr 2017 17:29

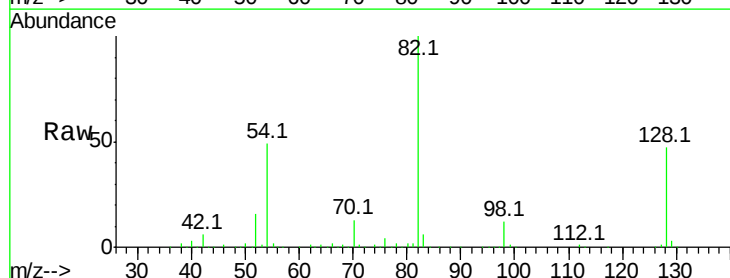
Tgt Ion: 82 Resp: 722385

Ion Ratio Lower Upper

82 100

128 47.2 34.0 51.0

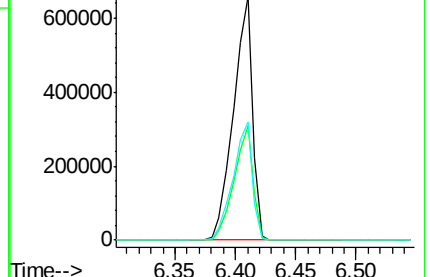
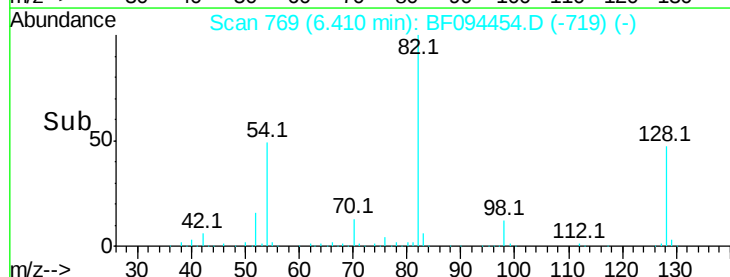
54 48.7 42.2 63.2

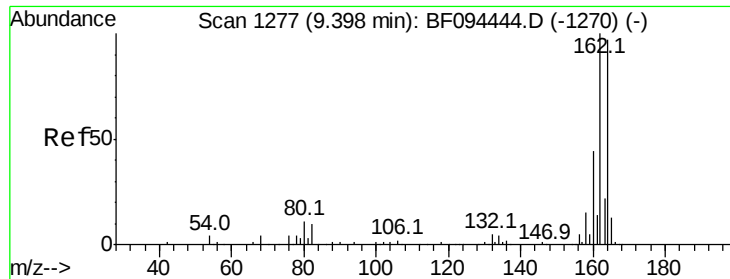


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.39 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF094454.D

Acq: 17 Apr 2017 17:29

Instrument :

BNA_F

ClientSampleId :

28C-9-11

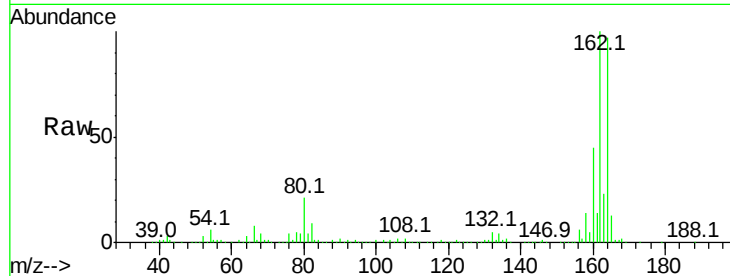
Tot Ion:164 Resp: 277571

Ion Ratio Lower Upper

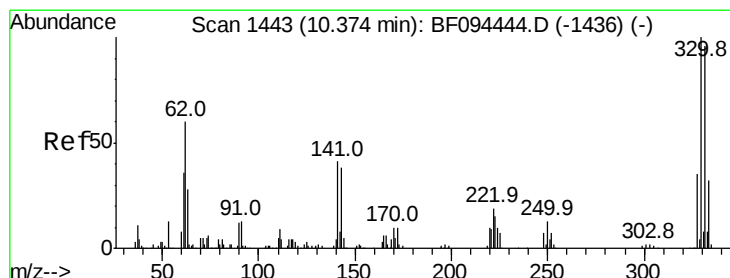
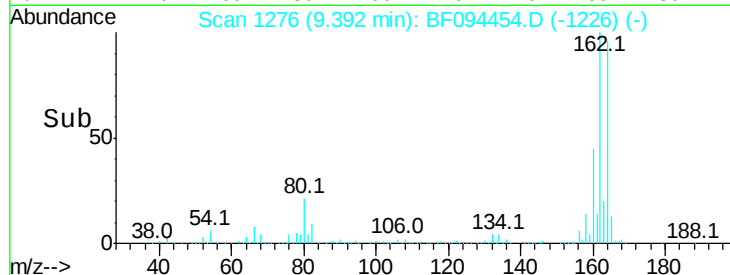
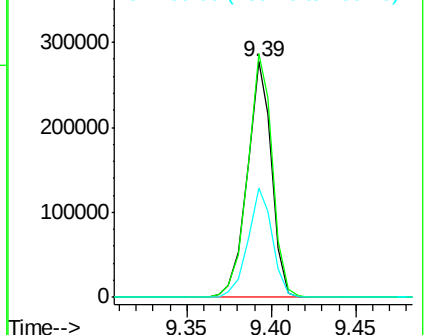
164 100

162 103.4 82.6 123.8

160 46.2 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: 96.23 ng

RT: 10.37 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF094454.D

Acq: 17 Apr 2017 17:29

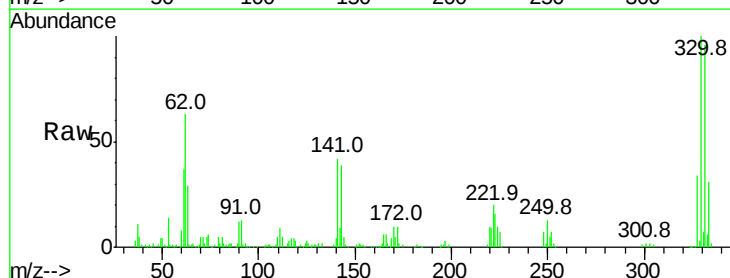
Tgt Ion:330 Resp: 208920

Ion Ratio Lower Upper

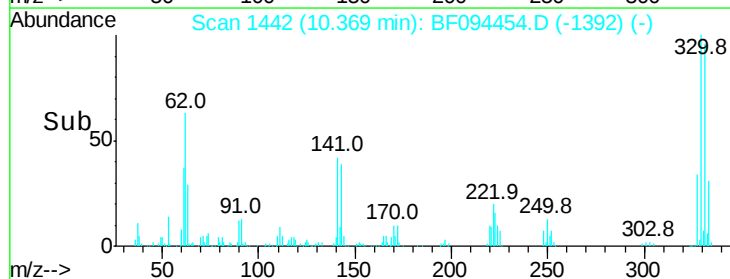
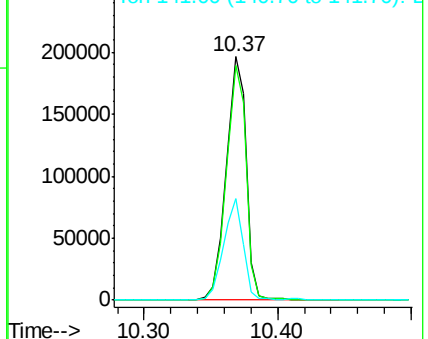
330 100

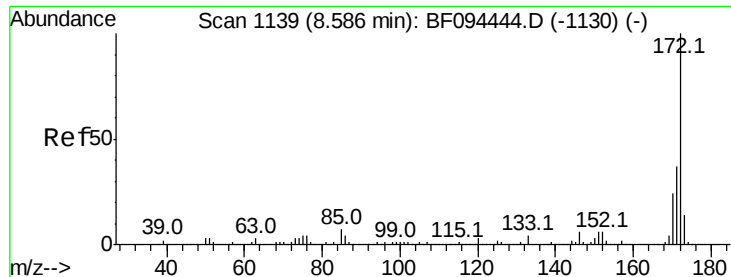
332 96.0 76.6 115.0

141 40.4 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

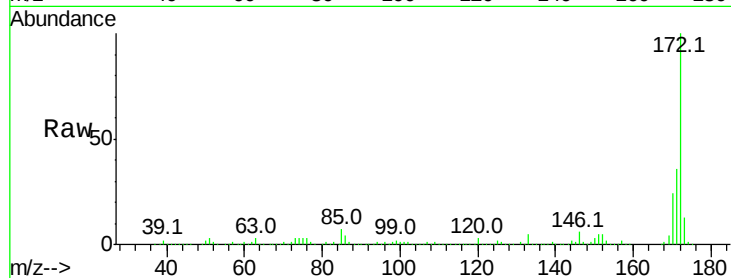




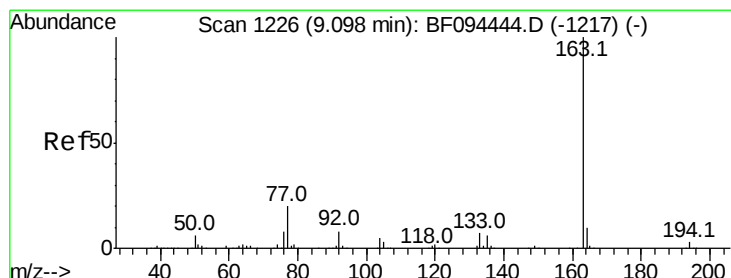
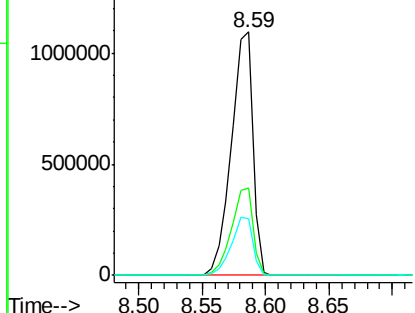
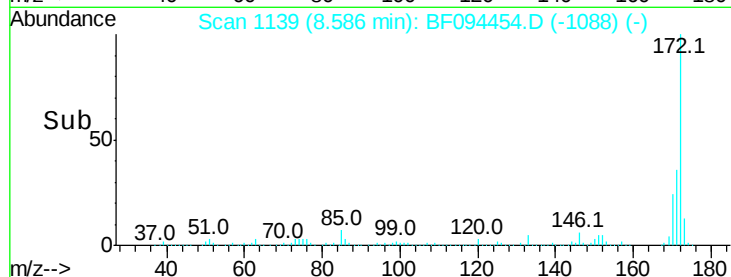
#44
2-Fluorobiphenyl
Concen: 67.80 ng
RT: 8.59 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF094454.D
Acq: 17 Apr 2017 17:29

Instrument :
BNA_F
ClientSampled :
28C-9-11

Tot Ion:172 Resp: 1278970
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.5 19.8 29.8

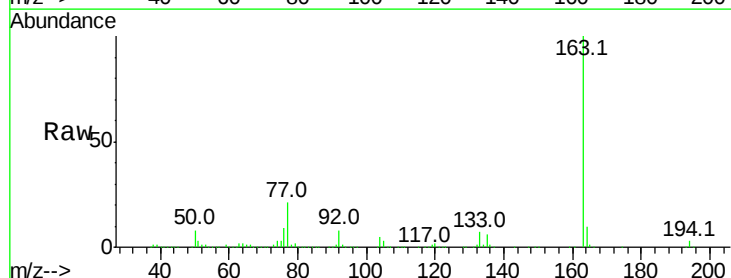


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

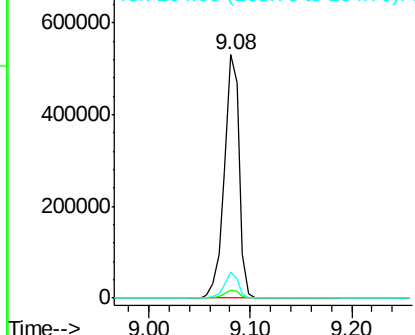
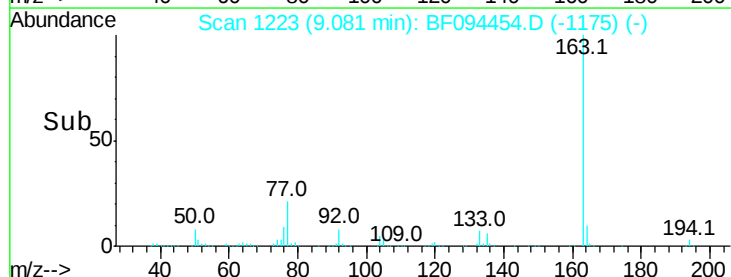


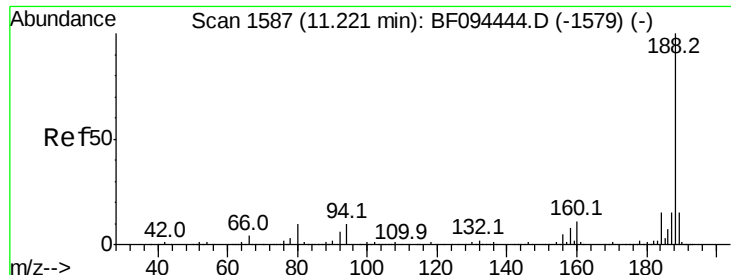
#49
Dimethylphthalate
Concen: 25.96 ng
RT: 9.08 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF094454.D
Acq: 17 Apr 2017 17:29

Tgt Ion:163 Resp: 536983
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.4 8.4 12.6



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

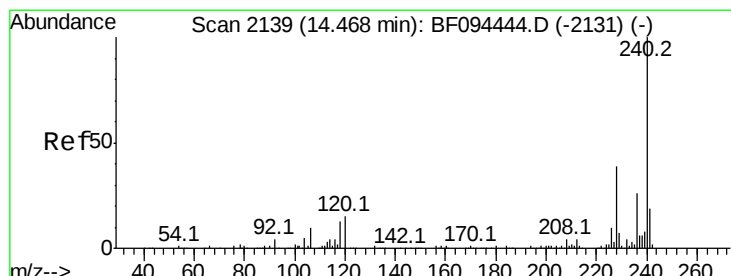
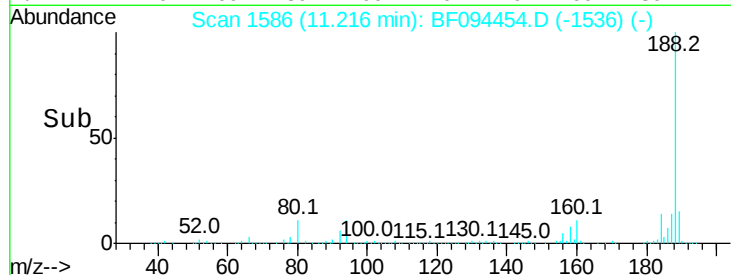
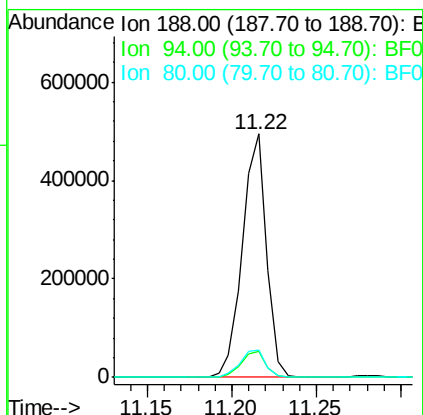
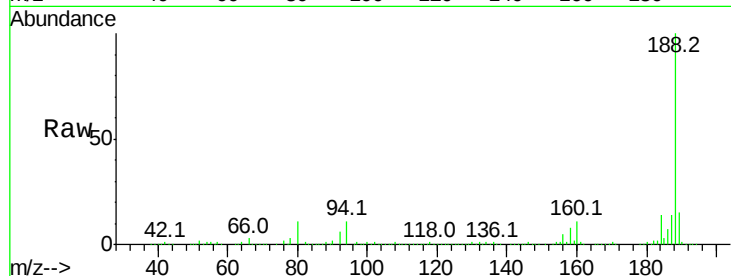




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094454.D
Acq: 17 Apr 2017 17:29

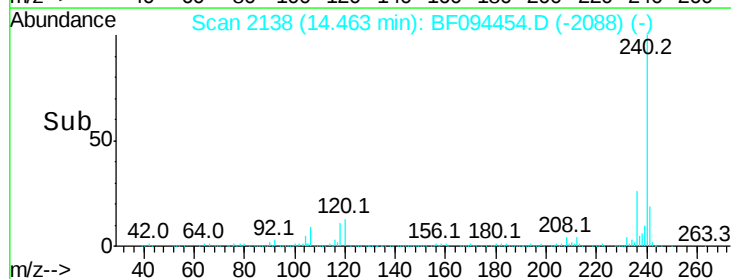
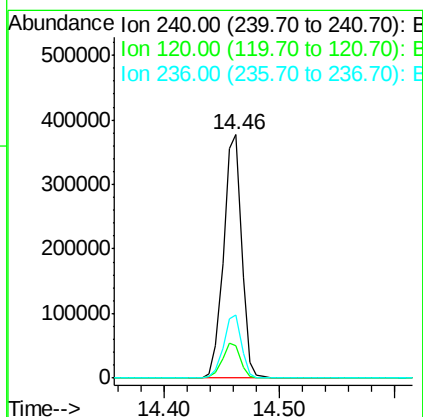
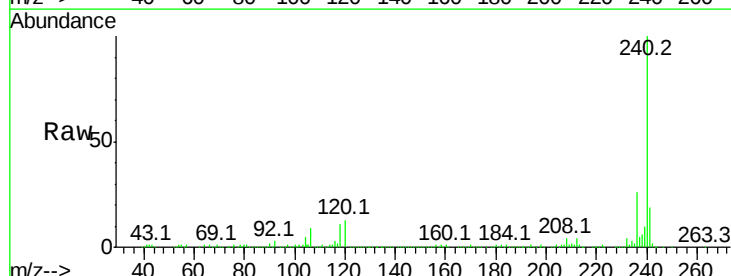
Instrument :
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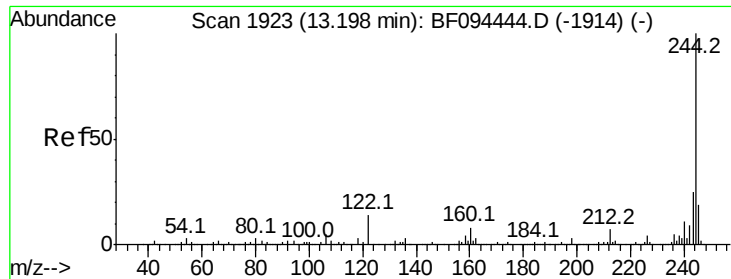
Tot Ion:188 Resp: 491648
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.1 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BF094454.D
Acq: 17 Apr 2017 17:29

Tgt Ion:240 Resp: 410998
Ion Ratio Lower Upper
240 100
120 13.2 5.8 8.8#
236 25.9 20.5 30.7

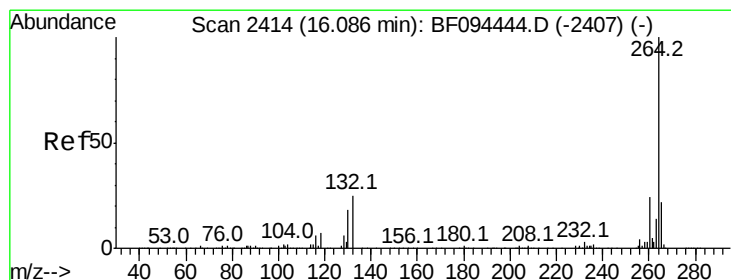
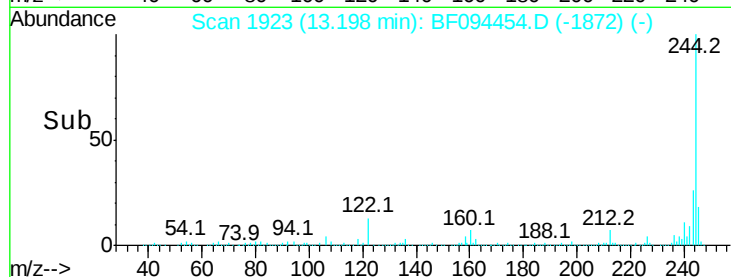
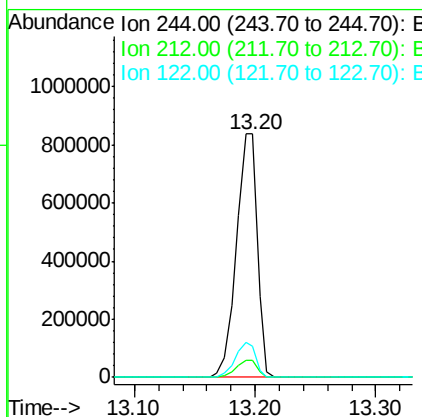
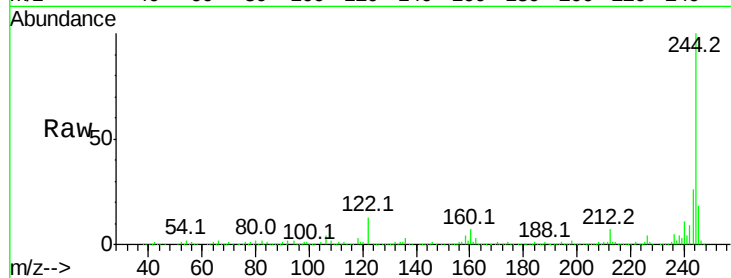




#78
 Terphenyl-d14
 Concen: 66.13 ng
 RT: 13.20 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF094454.D
 Acq: 17 Apr 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :
 28C-9-11

Tot Ion:244 Resp: 1016876
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 12.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BF094454.D
 Acq: 17 Apr 2017 17:29

Tgt Ion:264 Resp: 285100
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.2 17.2 25.8

