

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094549.D
 Acq On : 20 Apr 2017 17:20
 Operator : SJ/MA
 Sample : I2744-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(13-15)20170418

Quant Time: Apr 21 01:35:34 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

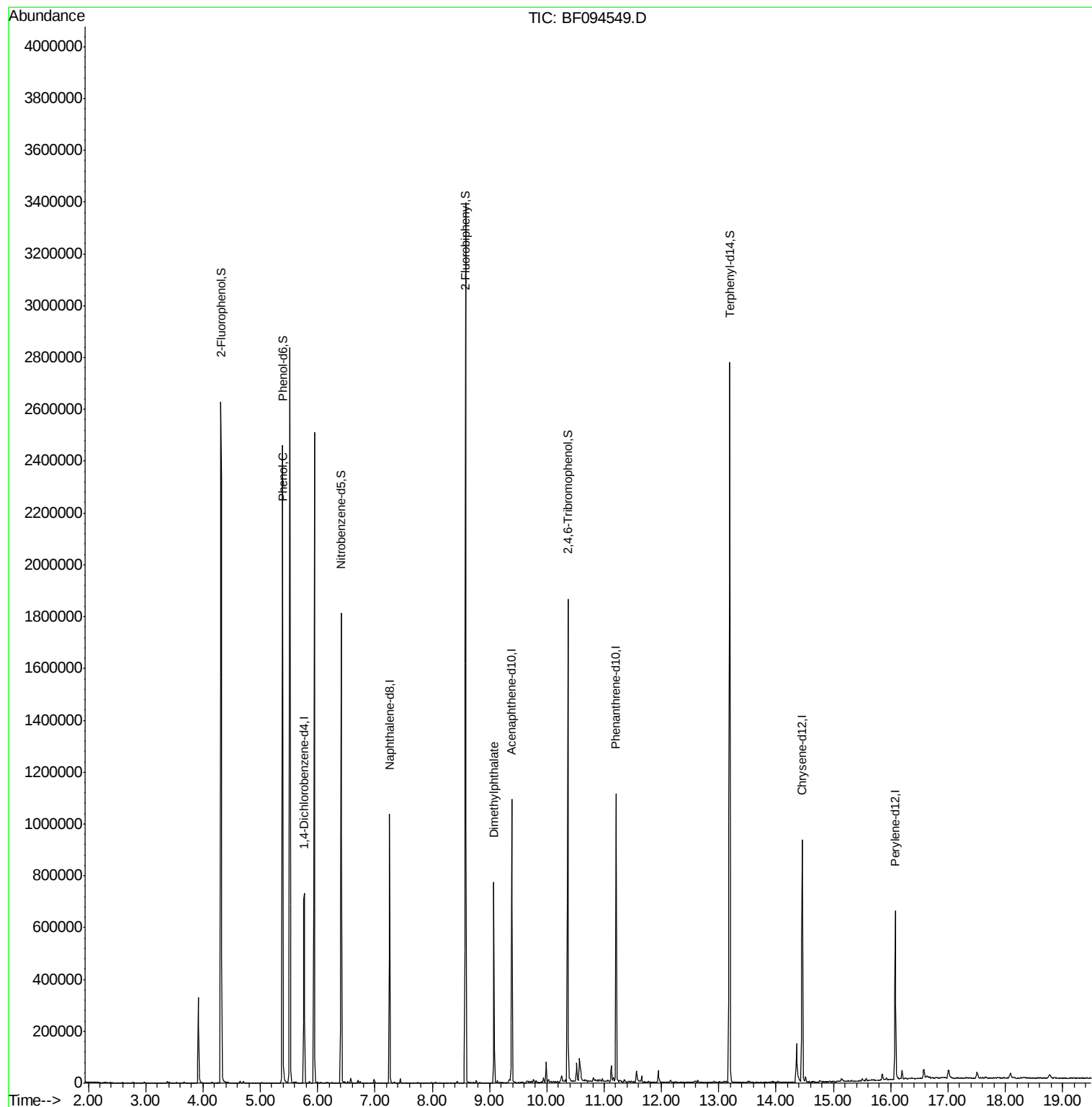
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	122936	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	498911	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	227185	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	436825	20.00	ng	-0.01
75) Chrysene-d12	14.45	240	372646	20.00	ng	-0.01
86) Perylene-d12	16.08	264	267379	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	825565	111.41	ng	0.00
7) Phenol-d6	5.39	99	1047997	119.97	ng	0.00
23) Nitrobenzene-d5	6.41	82	631088	78.11	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	233214	131.24	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1192732	77.25	ng	0.00
78) Terphenyl-d14	13.19	244	1118755	80.25	ng	0.00
Target Compounds						
10) Phenol	5.40	94	21833	2.03	ng	91
49) Dimethylphthalate	9.08	163	335883	19.84	ng	100

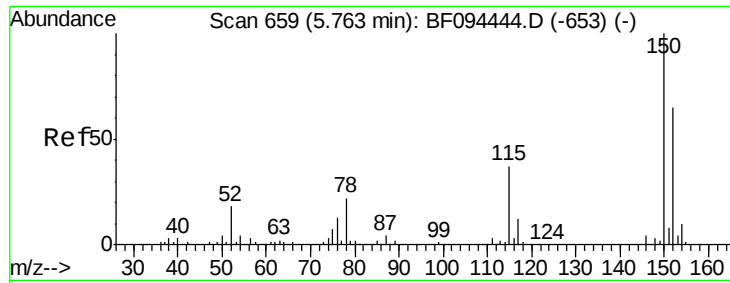
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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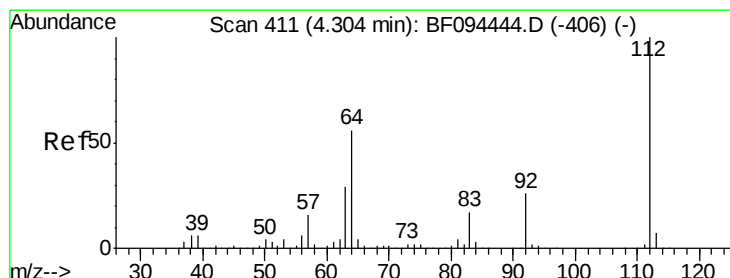
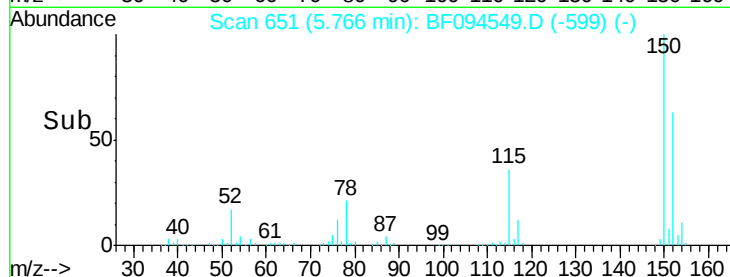
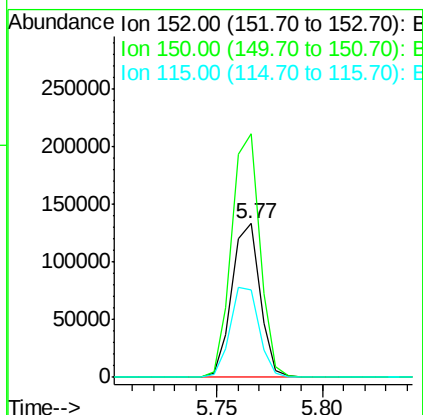
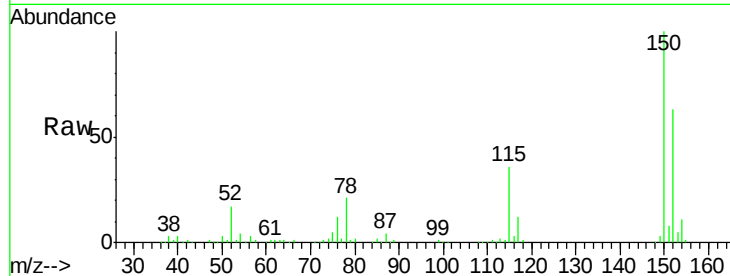


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094549.D
Acq: 20 Apr 2017 17:20

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)20170418

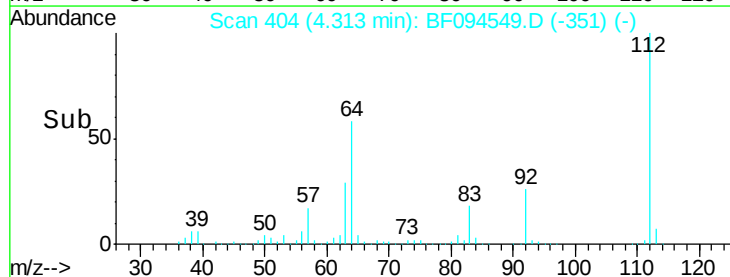
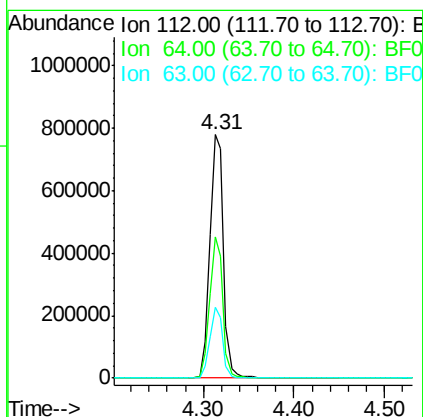
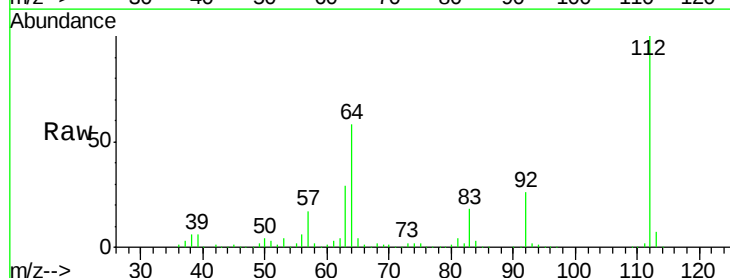
Tot Ion:152 Resp: 122936
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 57.1 52.2 78.2

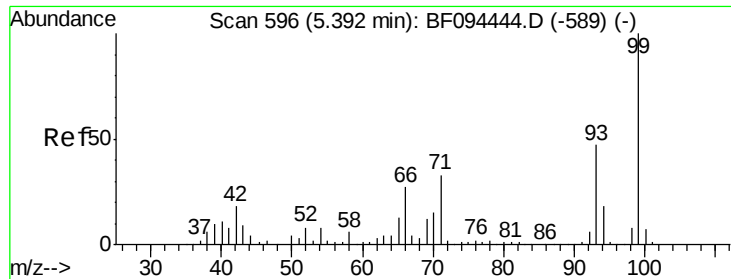


#5

2-Fluorophenol
Concen: 111.41 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094549.D
Acq: 20 Apr 2017 17:20

Tgt Ion:112 Resp: 825565
Ion Ratio Lower Upper
112 100
64 58.0 46.0 69.0
63 29.2 23.4 35.0





#7

Phenol-d6

Concen: 119.97 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094549.D

Acq: 20 Apr 2017 17:20

Instrument :

BNA_F

ClientSampleId :

SB-6(13-15)20170418

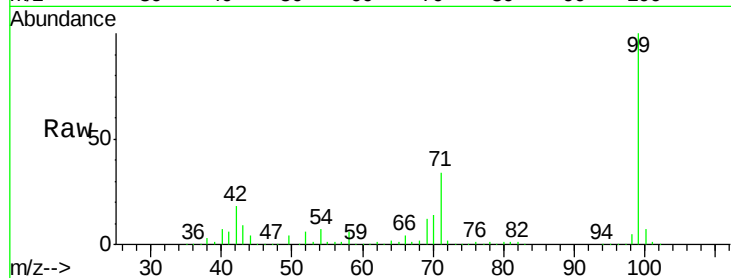
Tot Ion: 99 Resp: 1047997

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.5	20.3
71	33.5	24.5	36.7

99 100

42 17.7 13.5 20.3

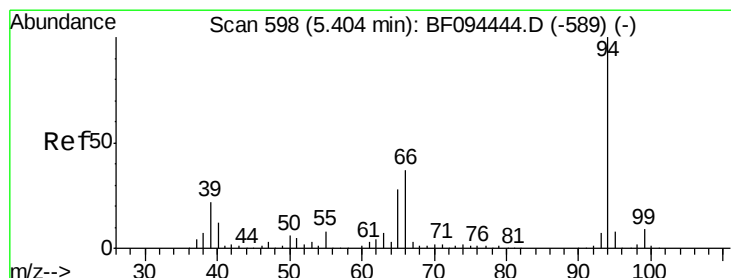
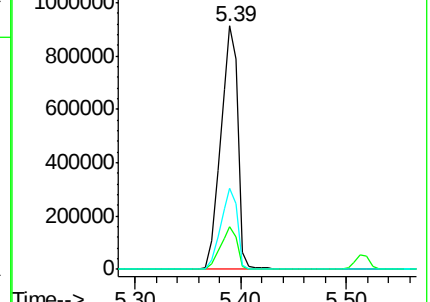
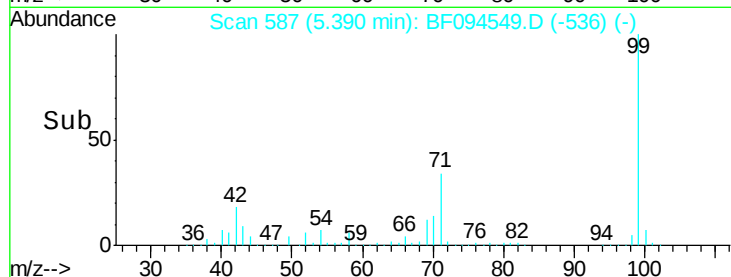
71 33.5 24.5 36.7



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: 2.03 ng

RT: 5.40 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF094549.D

Acq: 20 Apr 2017 17:20

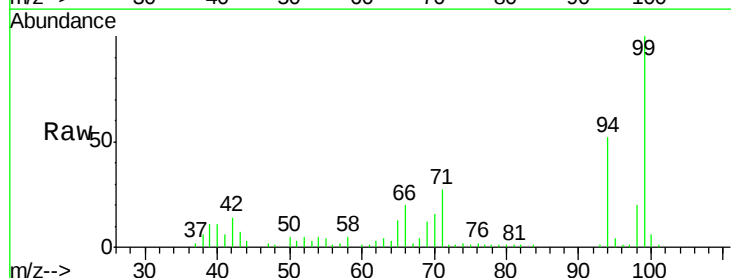
Tgt Ion: 94 Resp: 21833

Ion	Ratio	Lower	Upper
94	100		
65	25.0	9.9	49.9
66	37.9	23.1	63.1

94 100

65 25.0 9.9 49.9

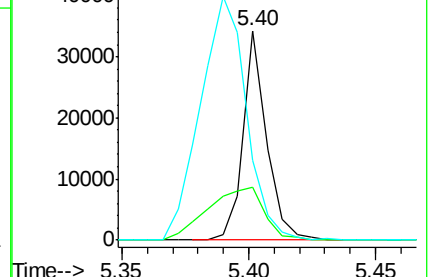
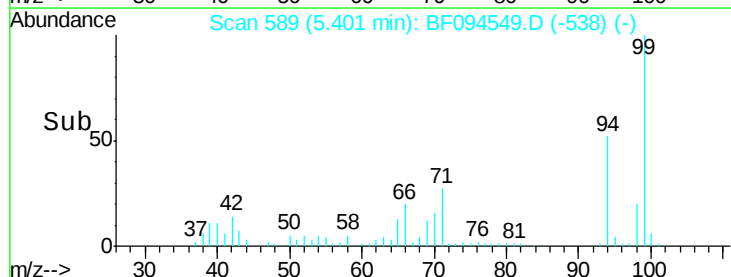
66 37.9 23.1 63.1

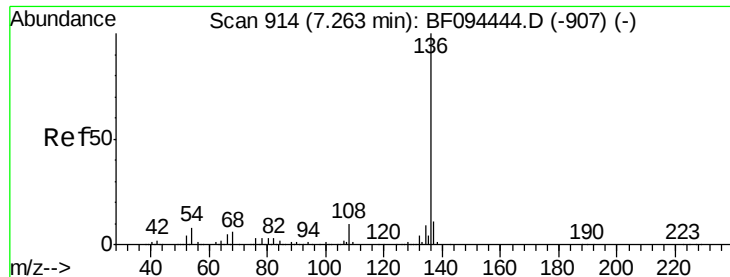


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094549.D

Acq: 20 Apr 2017 17:20

Instrument :

BNA_F

ClientSampleId :

SB-6(13-15)20170418

Tot Ion:136 Resp: 498911

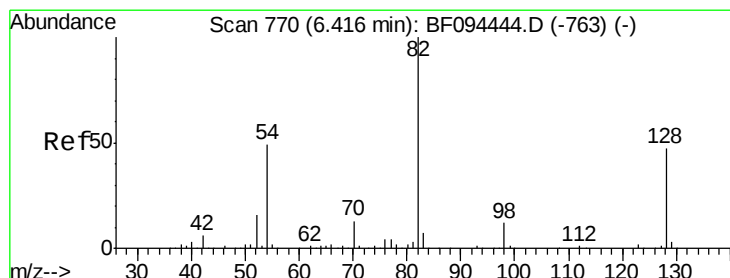
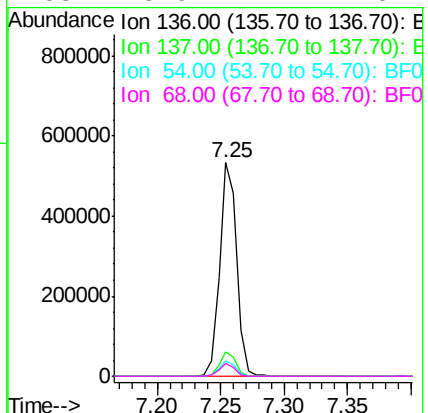
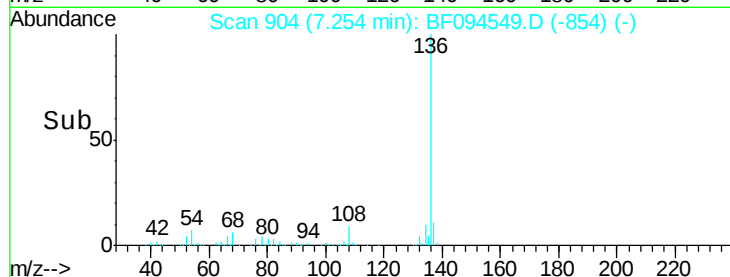
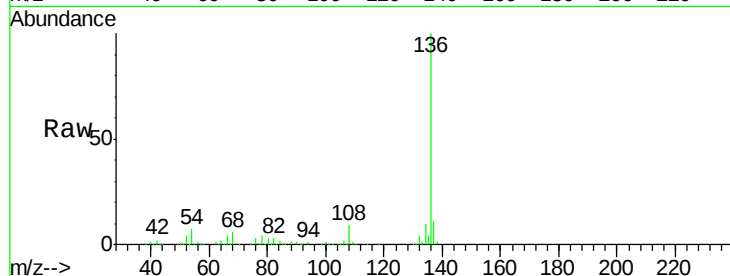
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.4 4.9 7.3#

68 5.9 4.1 6.1



#23

Nitrobenzene-d5

Concen: 78.11 ng

RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094549.D

Acq: 20 Apr 2017 17:20

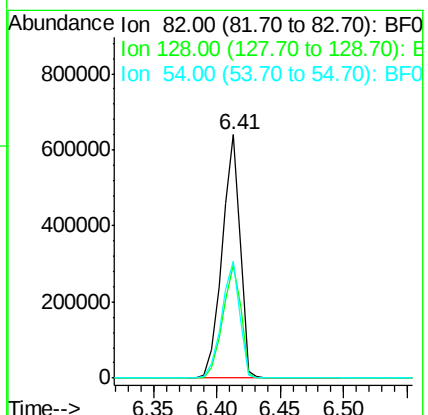
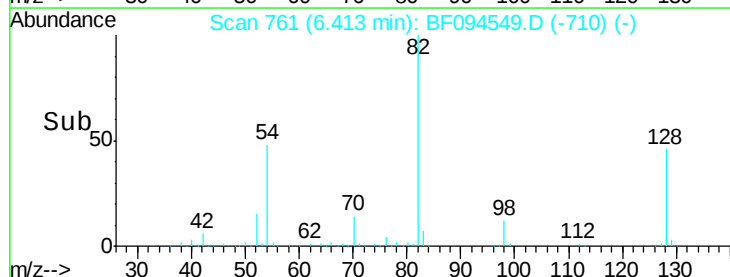
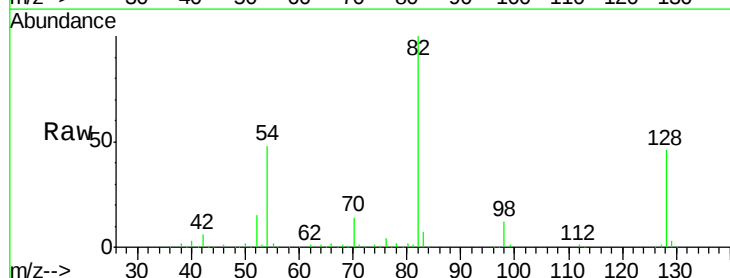
Tgt Ion: 82 Resp: 631088

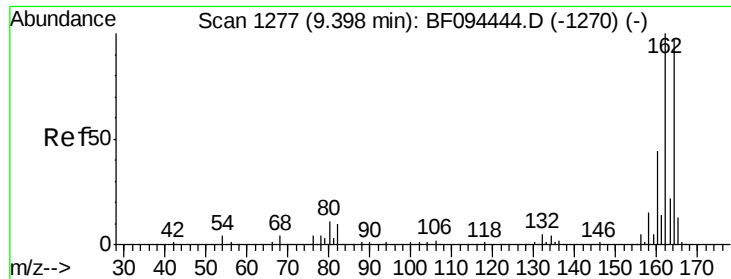
Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

54 47.9 42.2 63.2

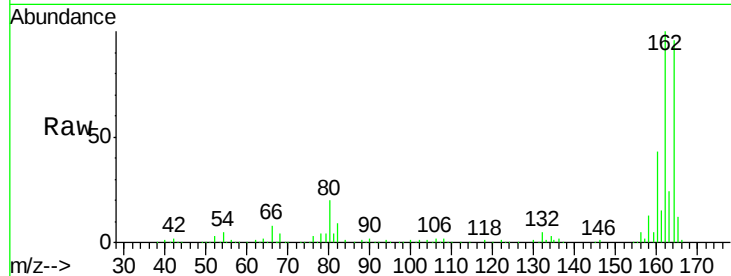




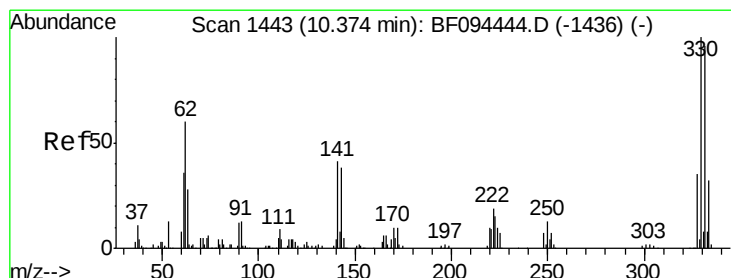
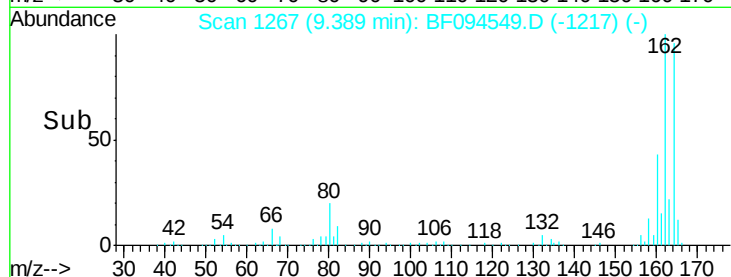
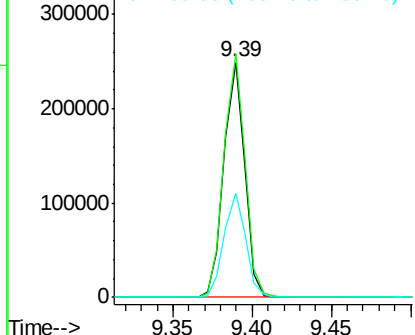
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094549.D
Acq: 20 Apr 2017 17:20

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)20170418

Tot Ion:164 Resp: 227185
Ion Ratio Lower Upper
164 100
162 103.7 82.6 123.8
160 44.4 36.2 54.2

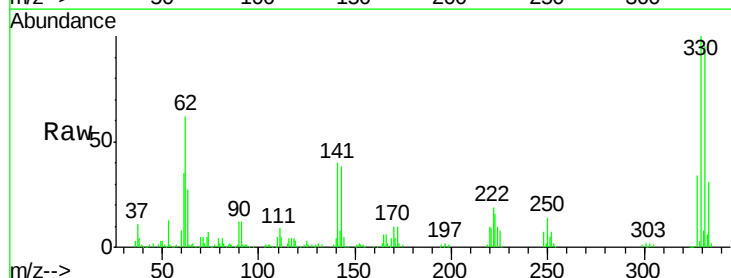


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

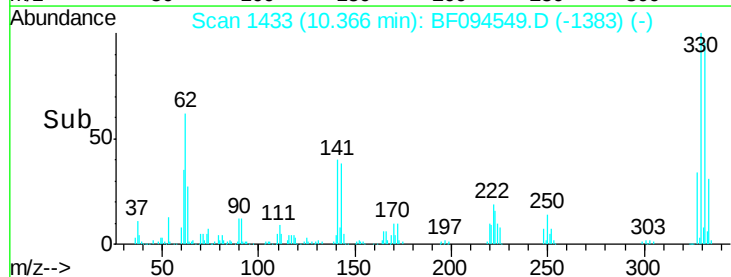
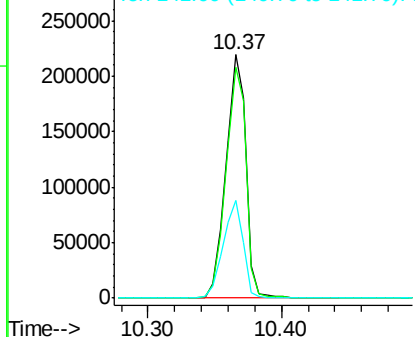


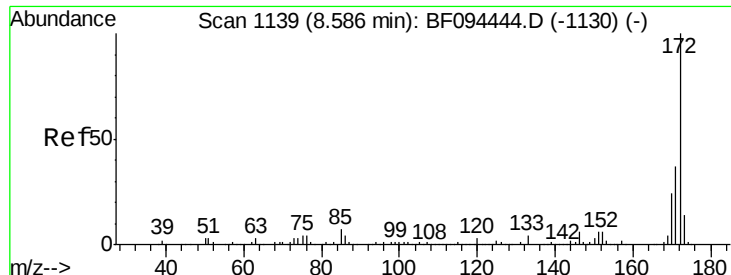
#41
2,4,6-Tribromophenol
Concen: 131.24 ng
RT: 10.37 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF094549.D
Acq: 20 Apr 2017 17:20

Tgt Ion:330 Resp: 233214
Ion Ratio Lower Upper
330 100
332 95.9 76.6 115.0
141 40.2 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

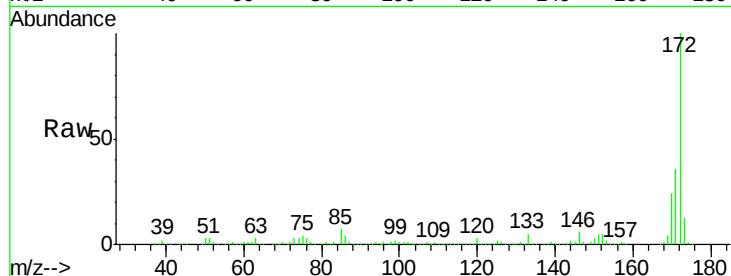




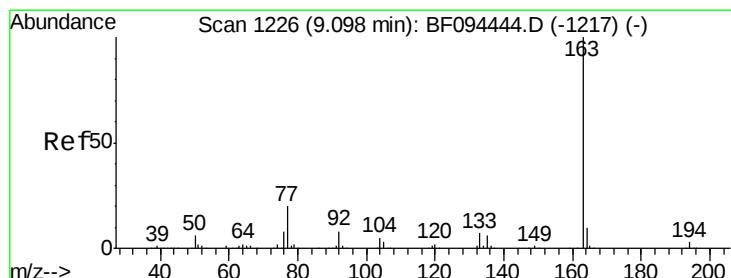
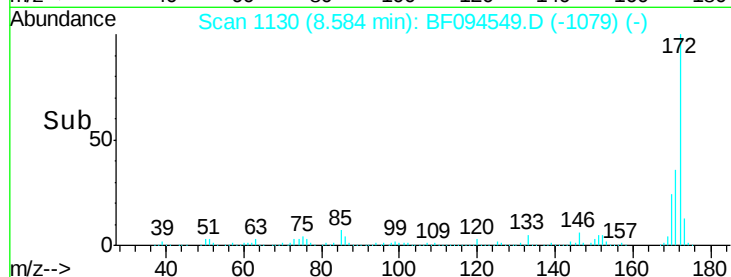
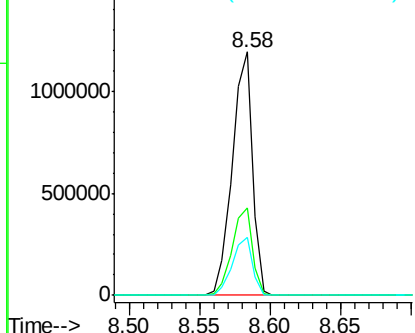
#44
2-Fluorobiphenyl
Concen: 77.25 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094549.D
Acq: 20 Apr 2017 17:20

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)20170418

Tot Ion:172 Resp: 1192732
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.8 19.8 29.8

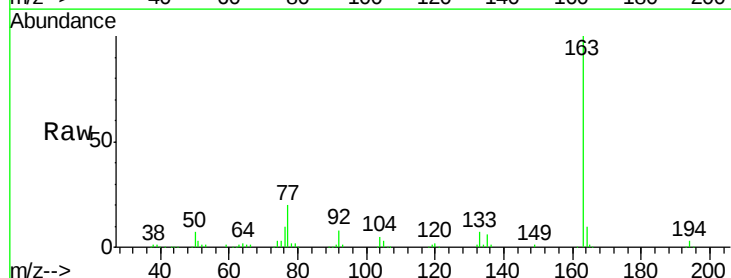


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

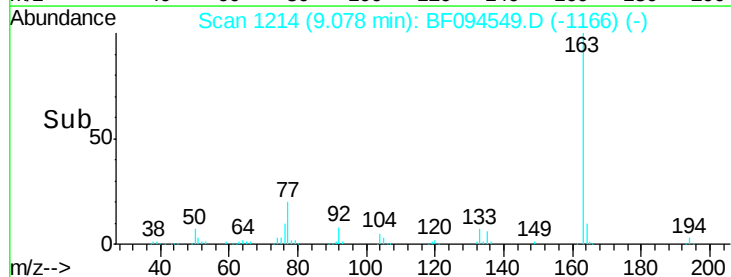
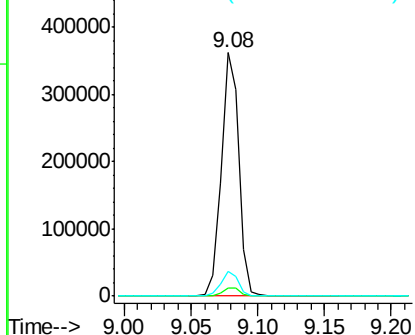


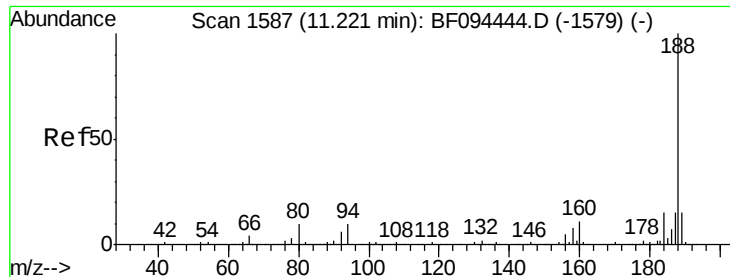
#49
Dimethylphthalate
Concen: 19.84 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF094549.D
Acq: 20 Apr 2017 17:20

Tgt Ion:163 Resp: 335883
Ion Ratio Lower Upper
163 100
194 3.3 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

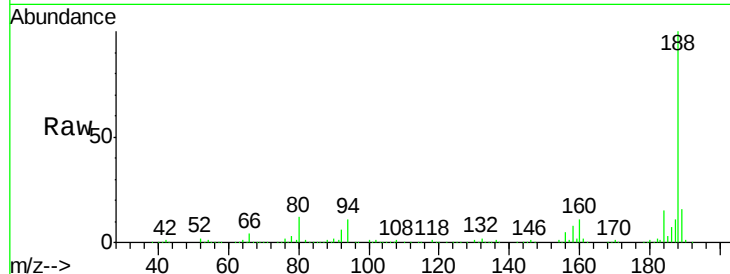




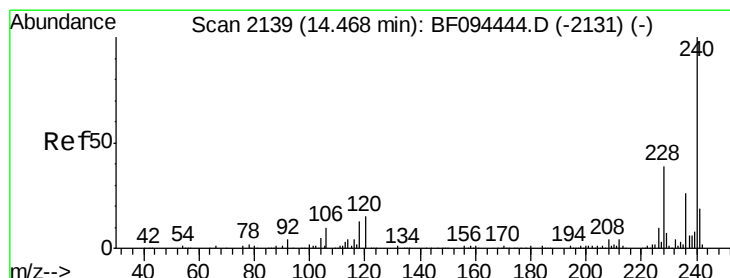
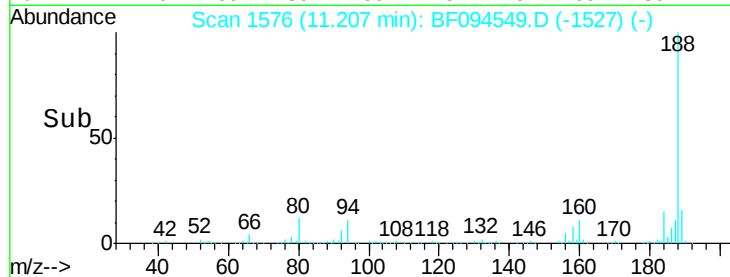
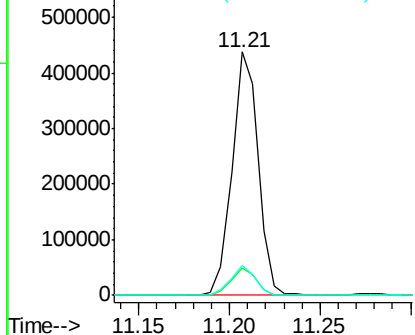
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF094549.D
Acq: 20 Apr 2017 17:20

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)20170418

Tot Ion:188 Resp: 436825
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 12.2 10.2 15.2

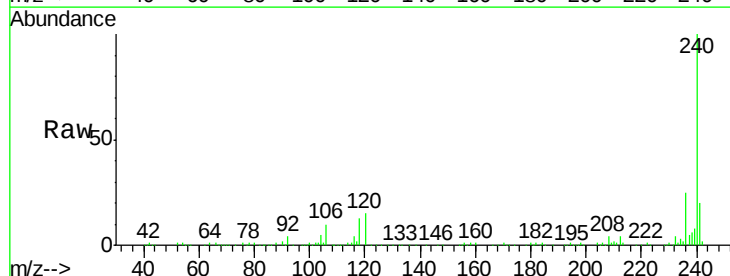


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

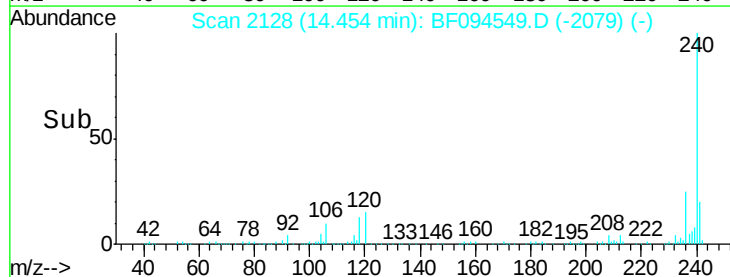
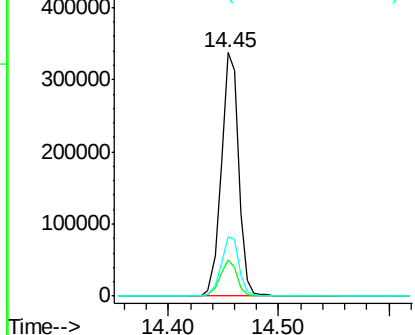


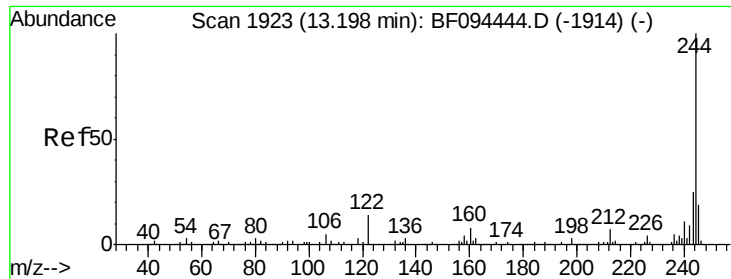
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF094549.D
Acq: 20 Apr 2017 17:20

Tgt Ion:240 Resp: 372646
Ion Ratio Lower Upper
240 100
120 15.1 5.8 8.8#
236 24.6 20.5 30.7



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: 80.25 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094549.D

Acq: 20 Apr 2017 17:20

Instrument :

BNA_F

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SB-6(13-15)20170418

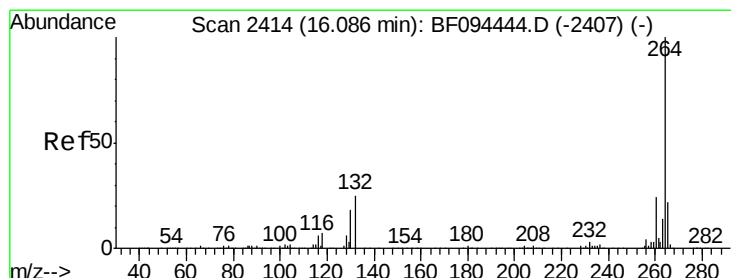
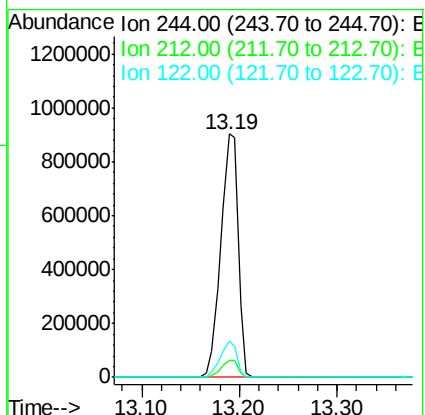
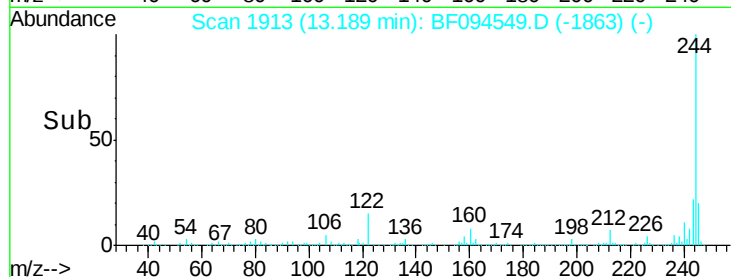
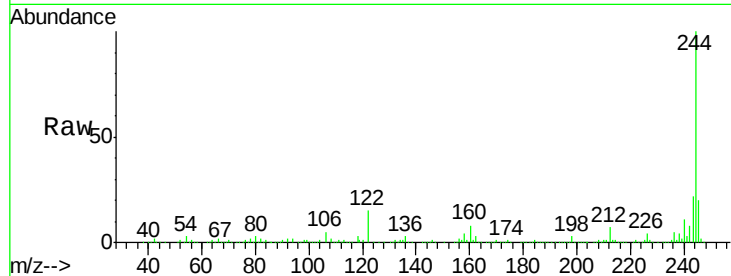
Tot Ion:244 Resp: 1118755

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 14.8 10.3 15.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.08 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BF094549.D

Acq: 20 Apr 2017 17:20

Tgt Ion:264 Resp: 267379

Ion Ratio Lower Upper

264 100

260 22.0 19.5 29.3

265 20.5 17.2 25.8

