

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092753.D
 Acq On : 2 Feb 2017 23:32
 Operator : SJ/MA
 Sample : I1650-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-35-COMP

Quant Time: Feb 03 00:57:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

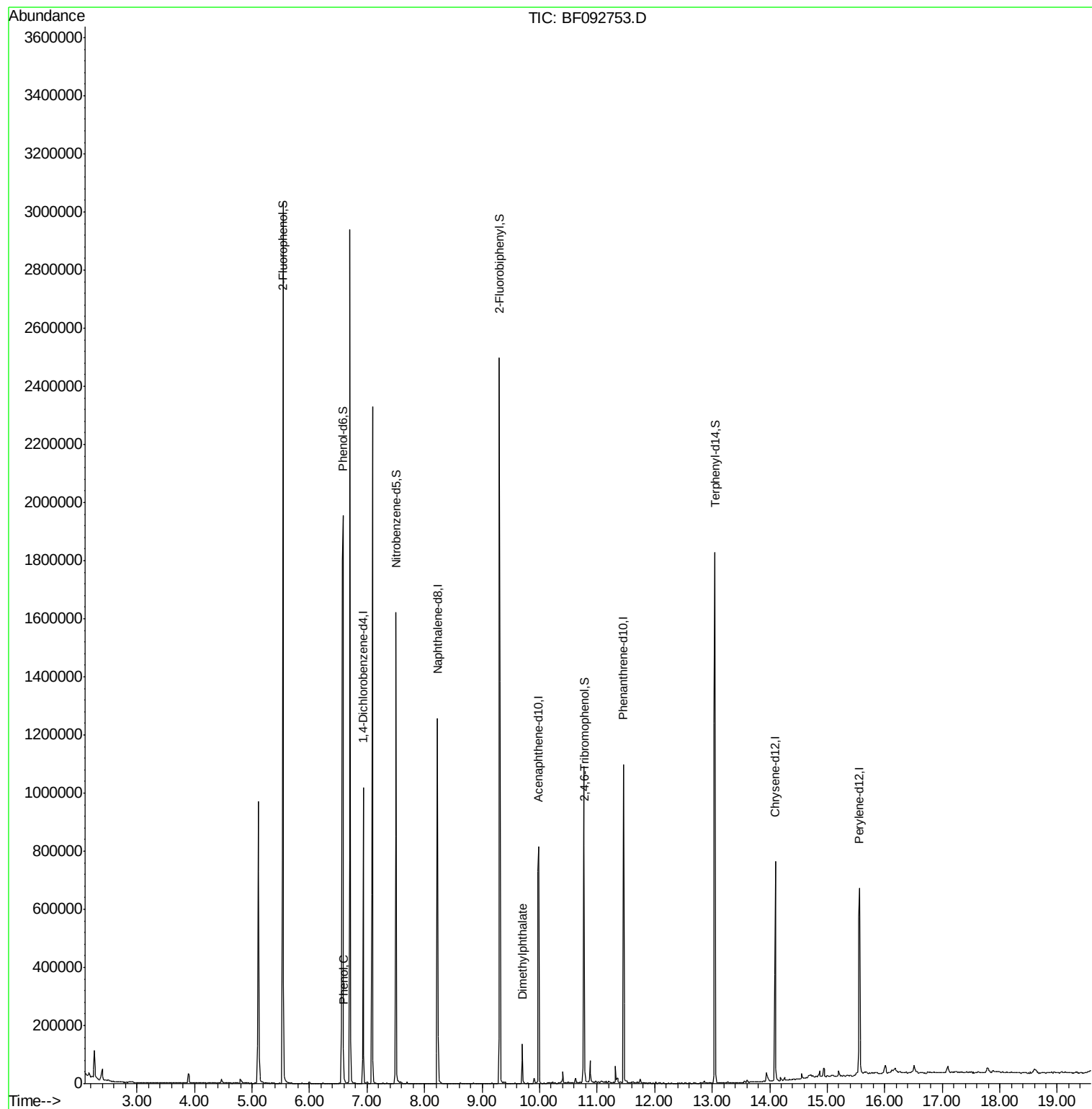
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	139072	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	533653	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	265023	20.00	ng	-0.02
63) Phenanthrene-d10	11.46	188	399275	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	301864	20.00	ng	-0.05
86) Perylene-d12	15.56	264	330206	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	790675	97.54	ng	-0.03
7) Phenol-d6	6.58	99	978508	93.82	ng	-0.02
23) Nitrobenzene-d5	7.50	82	600085	62.62	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	174357	90.96	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	993634	67.92	ng	-0.03
78) Terphenyl-d14	13.05	244	729331	56.77	ng	-0.03
Target Compounds						
10) Phenol	6.59	94	42217	3.46	ng	Qvalue # 61
49) Dimethylphthalate	9.70	163	75863	4.25	ng	99

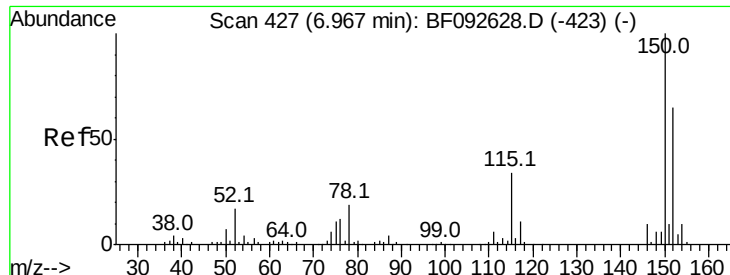
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092753.D

Acq: 2 Feb 2017 23:32

Instrument :

BNA_F

ClientSampleId :

SB-35-COMP

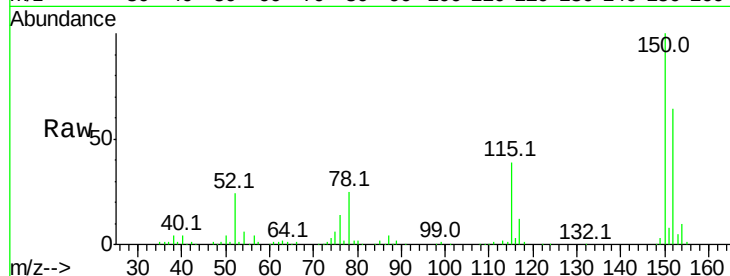
Tot Ion:152 Resp: 139072

Ion Ratio Lower Upper

152 100

150 156.9 124.9 187.3

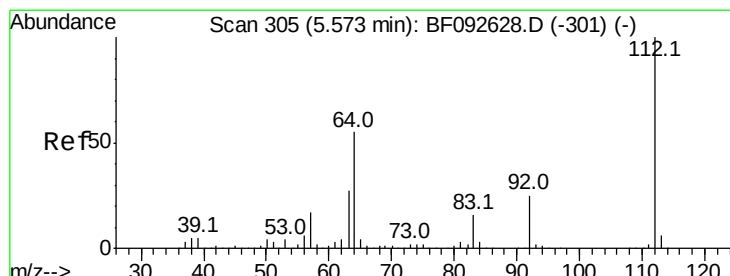
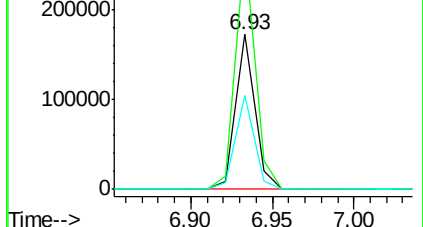
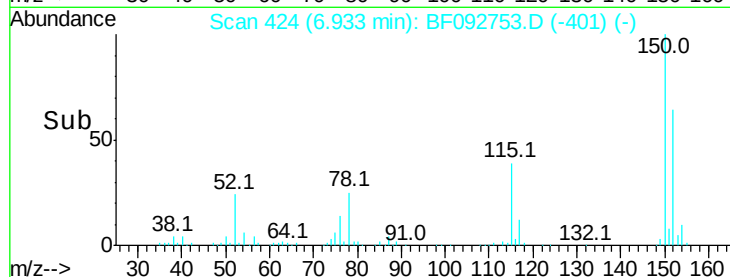
115 60.8 46.0 69.0



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: 97.54 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092753.D

Acq: 2 Feb 2017 23:32

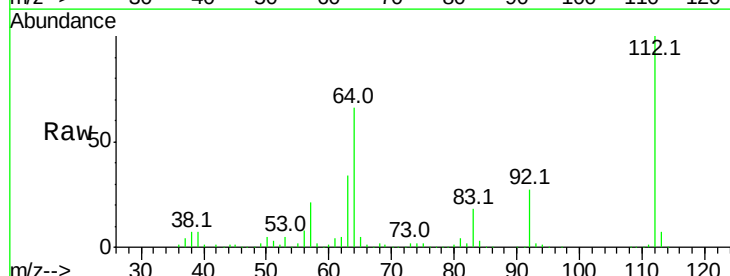
Tgt Ion:112 Resp: 790675

Ion Ratio Lower Upper

112 100

64 66.2 46.1 69.1

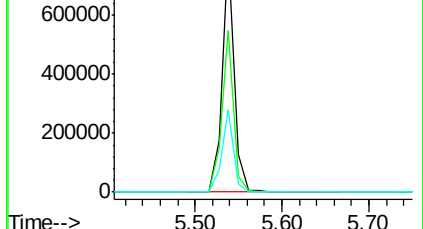
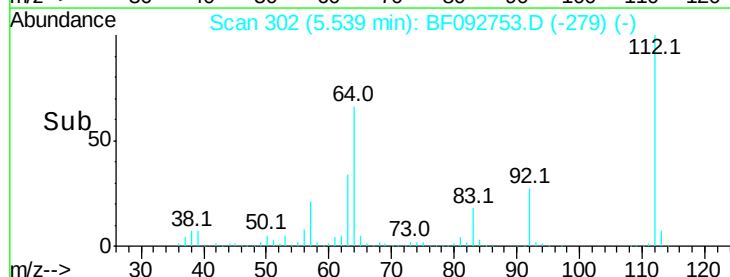
63 33.8 23.8 35.6

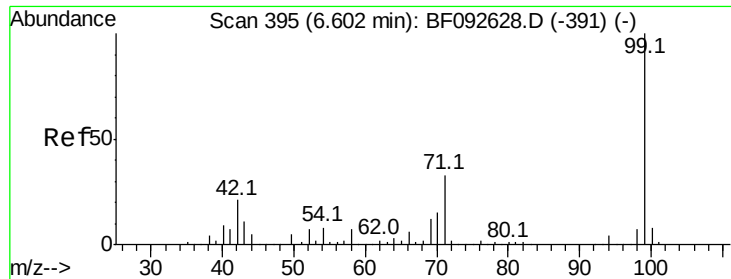


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.82 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092753.D

Acq: 2 Feb 2017 23:32

Instrument :

BNA_F

ClientSampleId :

SB-35-COMP

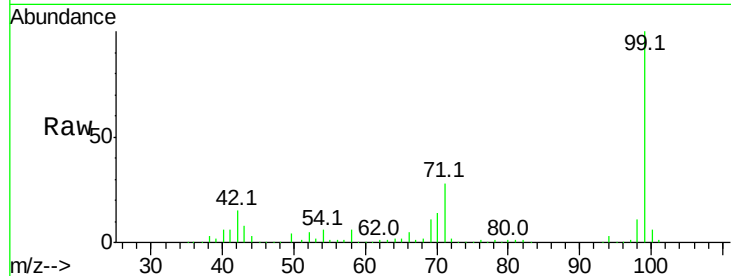
Tot Ion: 99 Resp: 978508

Ion Ratio Lower Upper

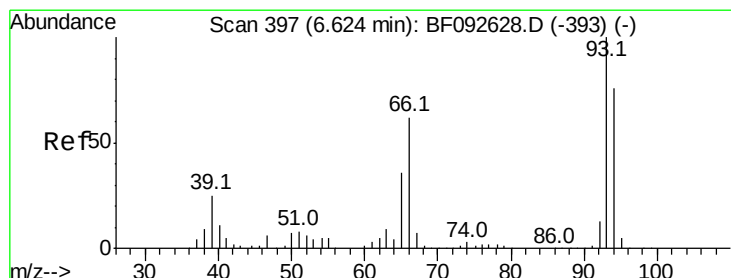
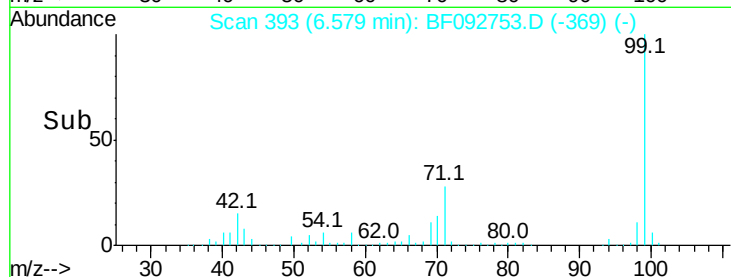
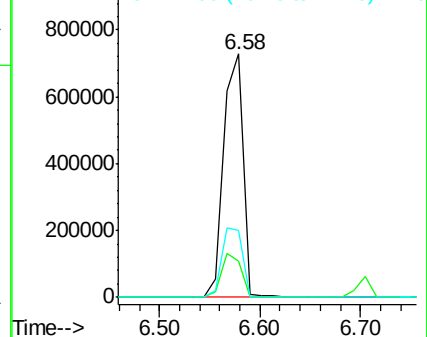
99 100

42 15.0 15.6 23.4#

71 27.7 27.5 41.3



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: 3.46 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092753.D

Acq: 2 Feb 2017 23:32

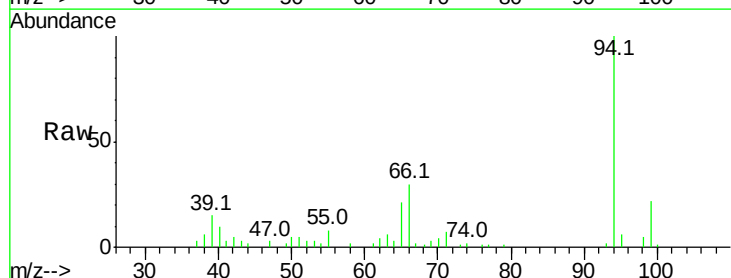
Tgt Ion: 94 Resp: 42217

Ion Ratio Lower Upper

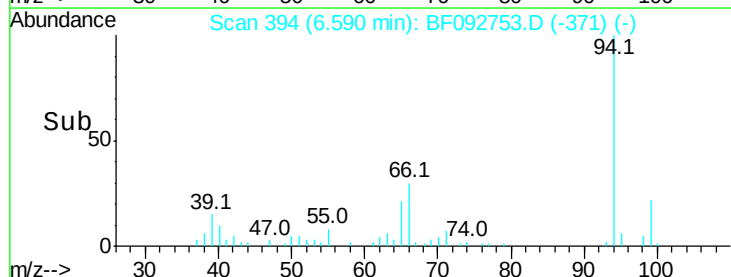
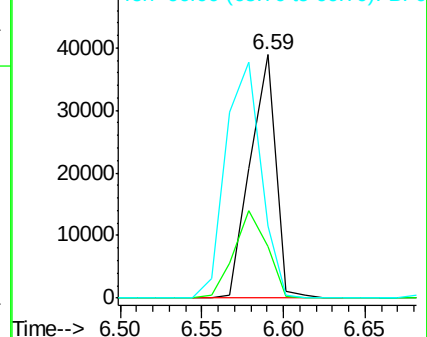
94 100

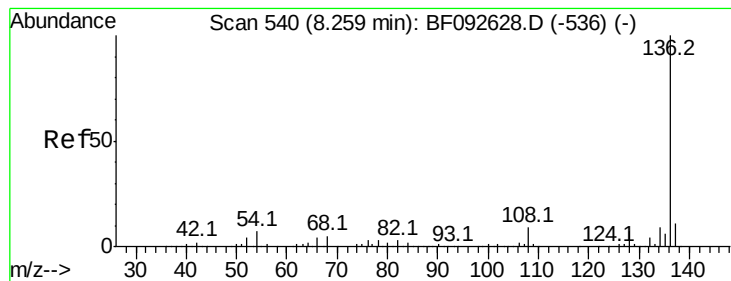
65 21.1 21.4 61.4#

66 29.6 44.0 84.0#



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: 8.22 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF092753.D

Acq: 2 Feb 2017 23:32

Instrument :

BNA_F

ClientSampleId :

SB-35-COMP

Tot Ion:136 Resp: 533653

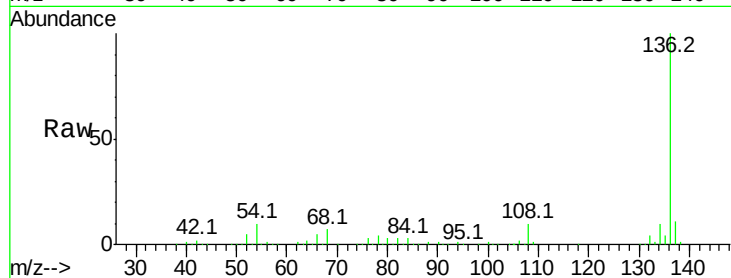
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 9.9 4.5 6.7#

68 6.9 3.6 5.4#

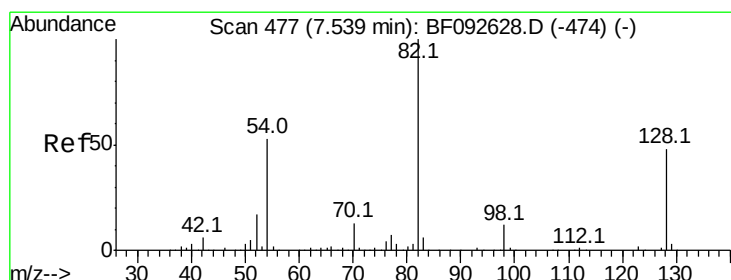
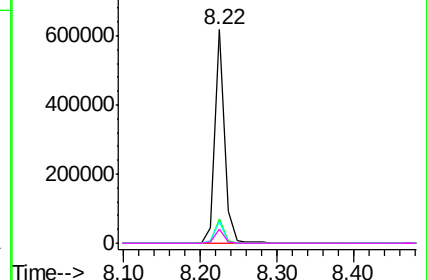
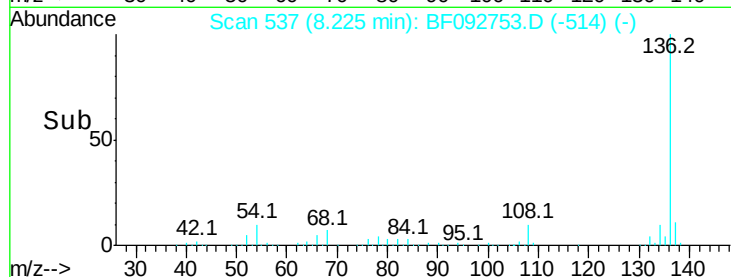


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.62 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.03 min

Lab File: BF092753.D

Acq: 2 Feb 2017 23:32

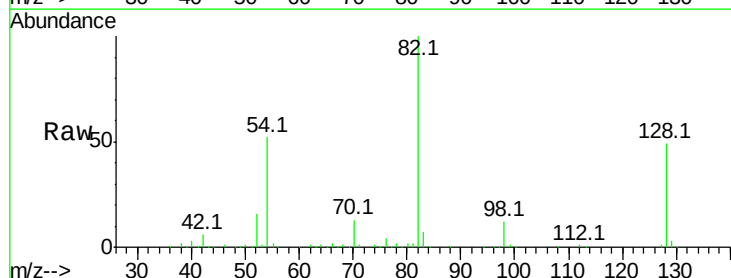
Tgt Ion: 82 Resp: 600085

Ion Ratio Lower Upper

82 100

128 49.3 34.6 52.0

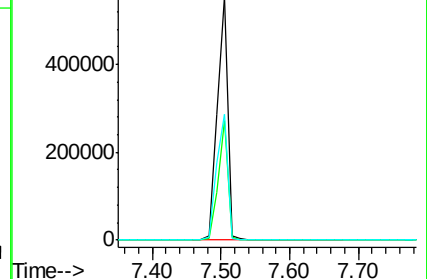
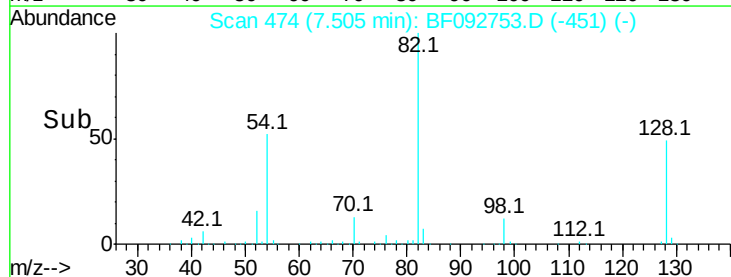
54 51.9 39.5 59.3

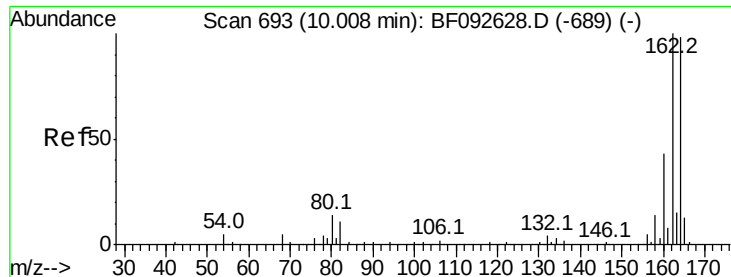


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

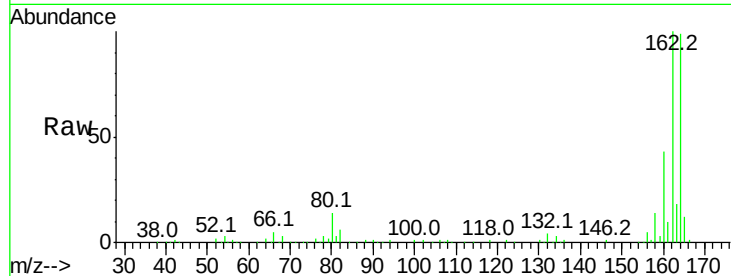




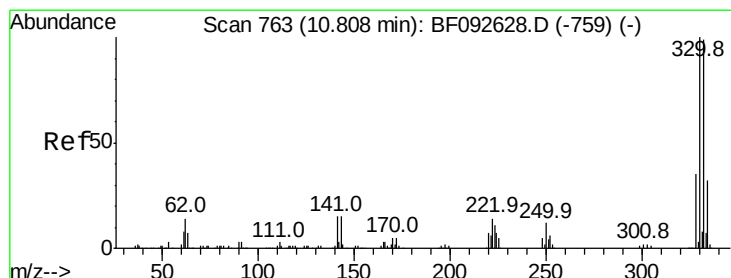
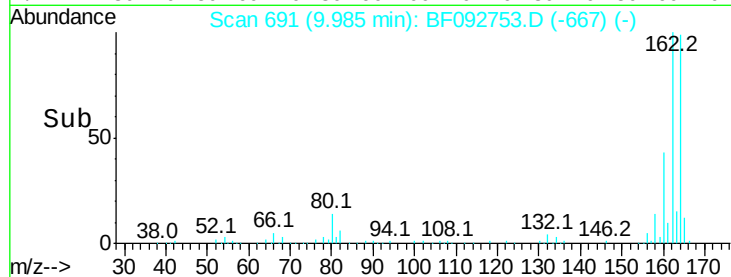
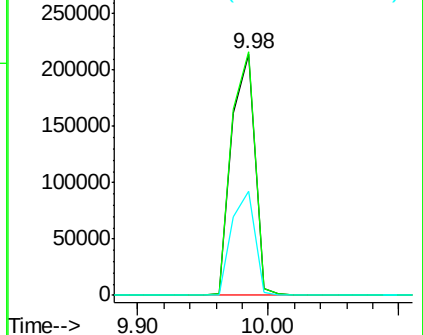
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF092753.D
Acq: 2 Feb 2017 23:32

Instrument :
BNA_F
ClientSampleId :
SB-35-COMP

Tot Ion:164 Resp: 265023
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 42.9 36.9 55.3

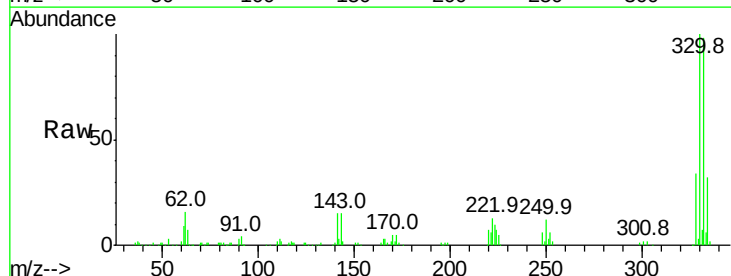


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

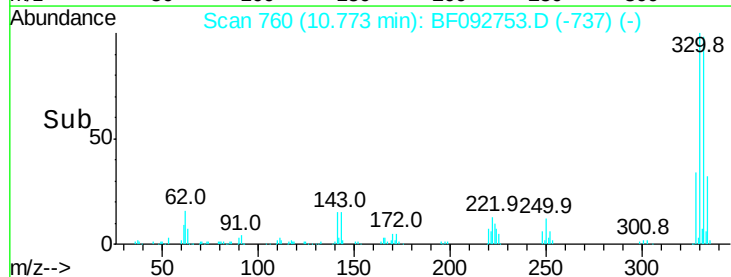
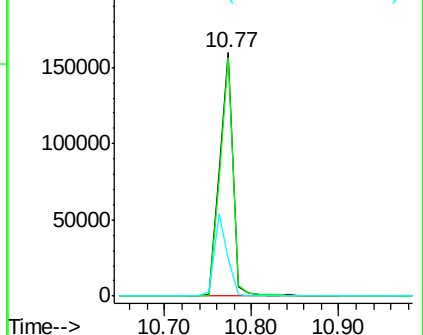


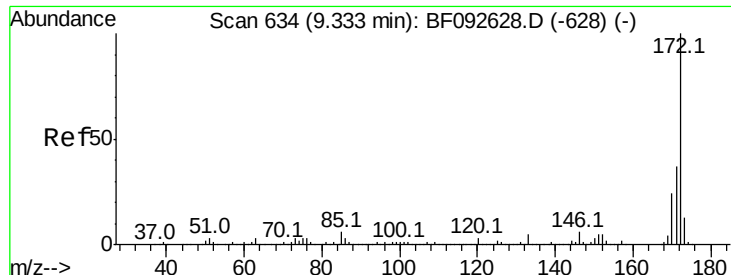
#41
2,4,6-Tribromophenol
Concen: 90.96 ng
RT: 10.77 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF092753.D
Acq: 2 Feb 2017 23:32

Tgt Ion:330 Resp: 174357
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.2
141 32.8 34.1 51.1#



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

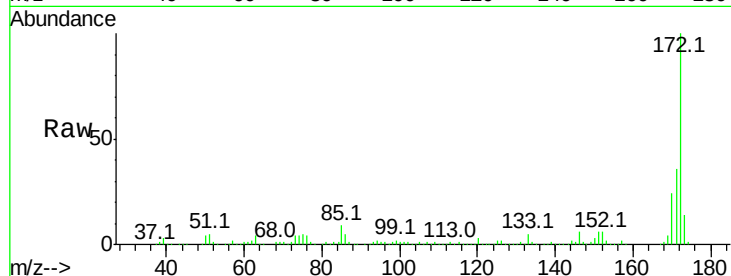




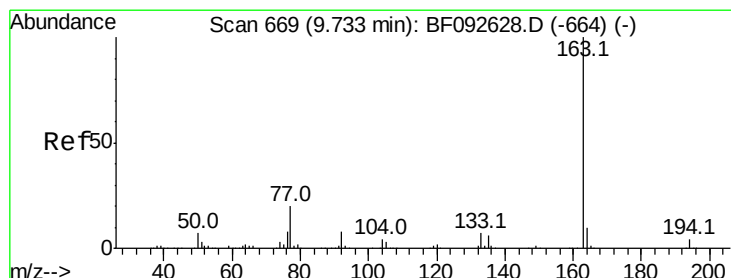
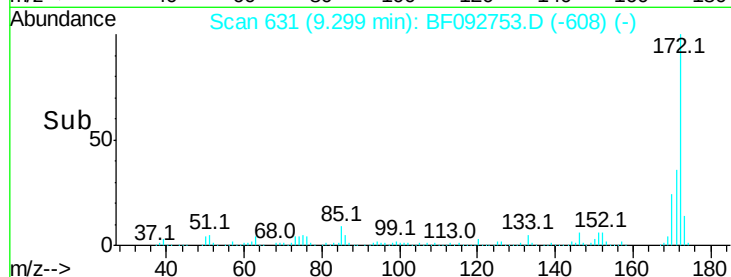
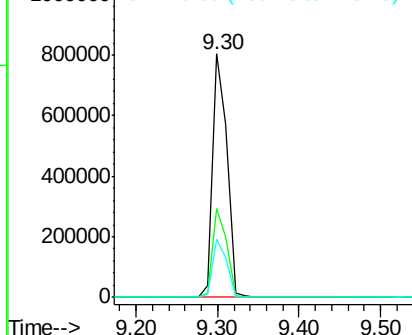
#44
 2-Fluorobiphenyl
 Concen: 67.92 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092753.D
 Acq: 2 Feb 2017 23:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-35-COMP

Tot Ion:172 Resp: 993634
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 23.9 20.2 30.4

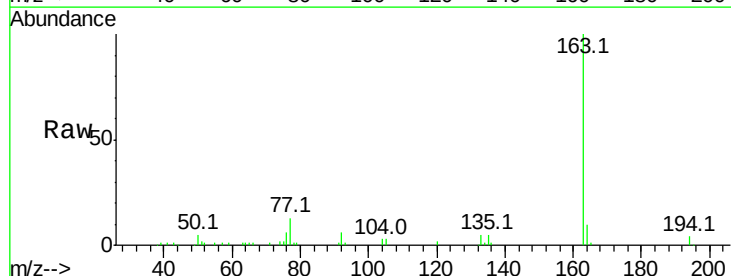


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

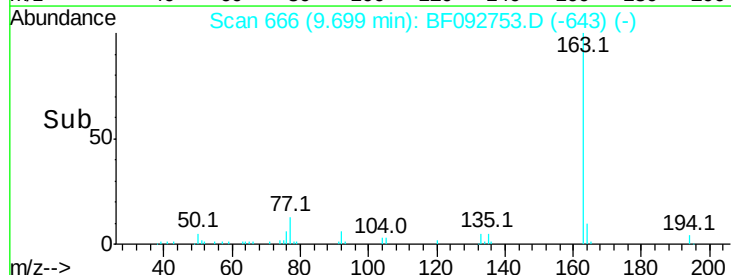
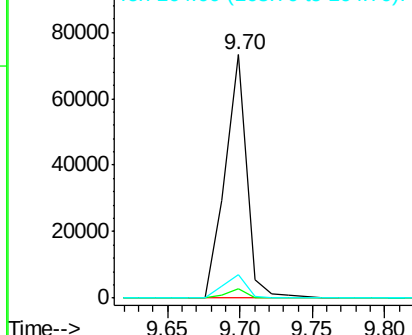


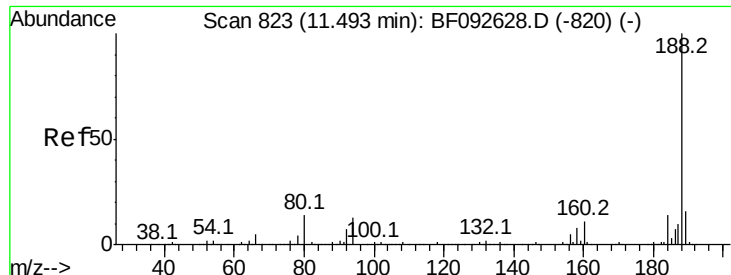
#49
 Dimethylphthalate
 Concen: 4.25 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF092753.D
 Acq: 2 Feb 2017 23:32

Tgt Ion:163 Resp: 75863
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.0 4.4
 164 9.7 8.0 12.0



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

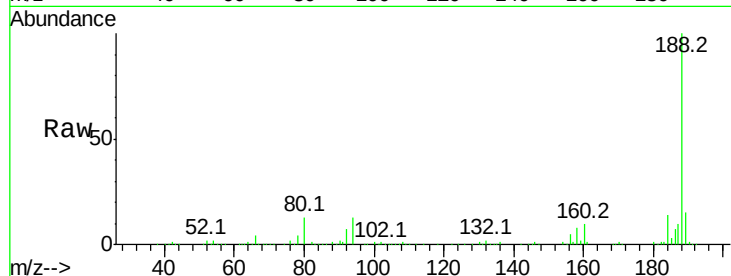




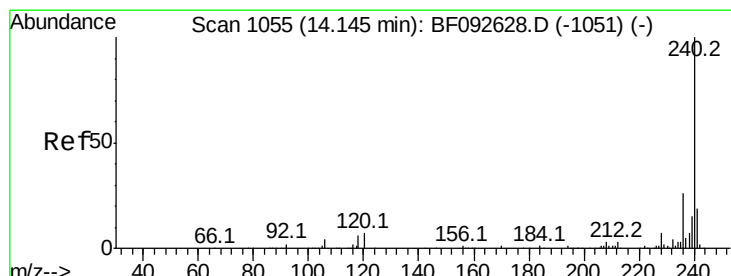
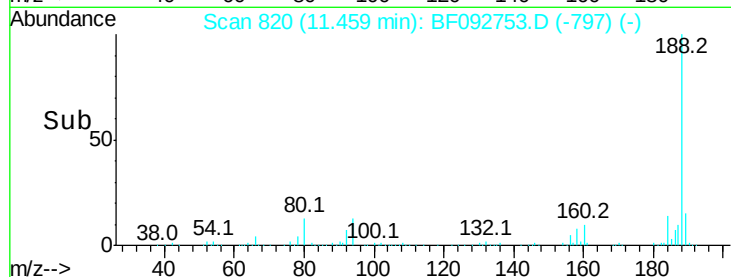
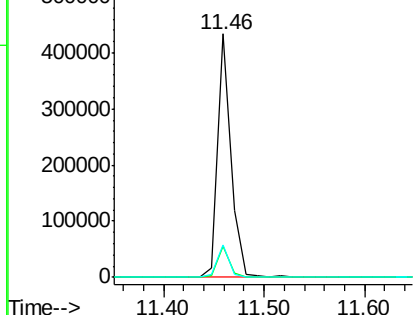
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092753.D
Acq: 2 Feb 2017 23:32

Instrument :
BNA_F
ClientSampleId :
SB-35-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.6	10.0	15.0
80	13.1	11.2	16.8

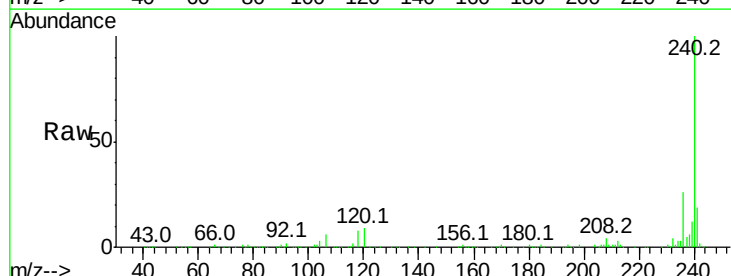


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

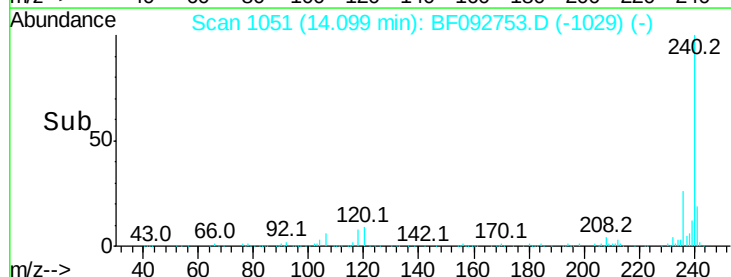
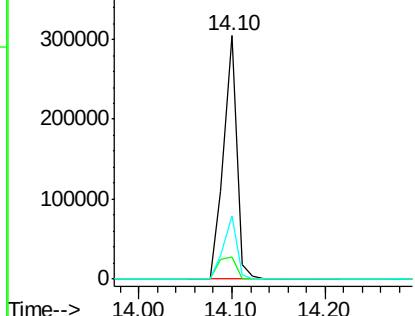


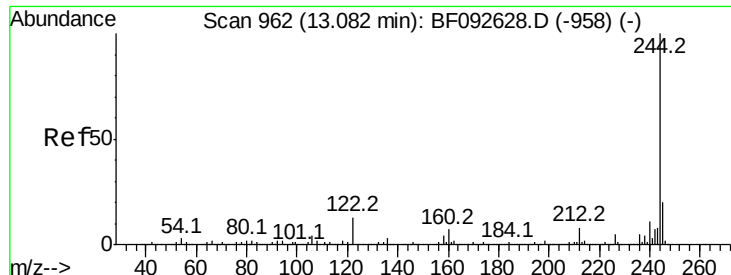
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.05 min
Lab File: BF092753.D
Acq: 2 Feb 2017 23:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	12.9	19.3#
236	26.1	20.9	31.3



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: 56.77 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092753.D

Acq: 2 Feb 2017 23:32

Instrument :

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ClientSampleId :

SB-35-COMP

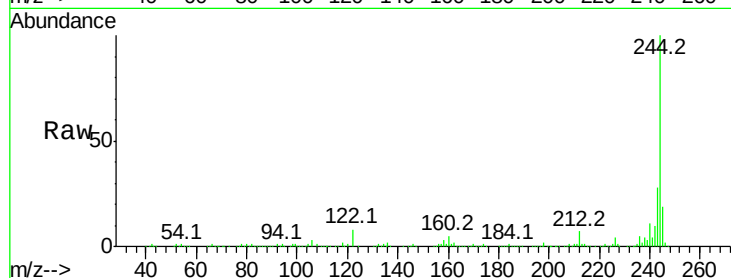
Tot Ion:244 Resp: 729331

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

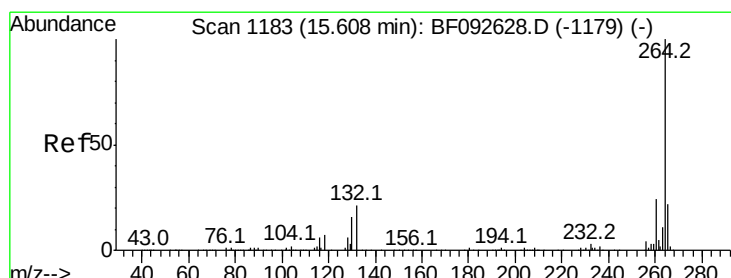
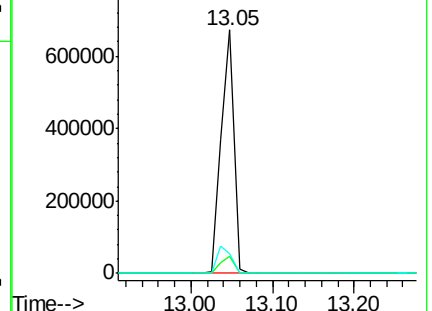
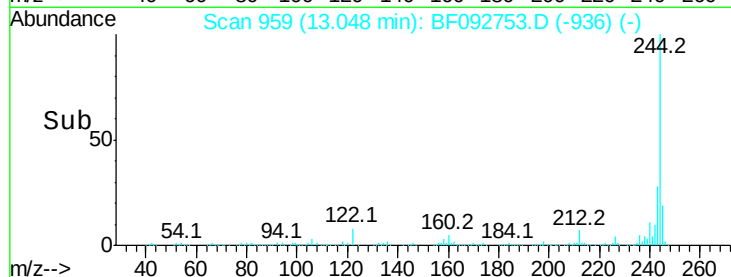
122 8.0 11.4 17.2#



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: 15.56 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF092753.D

Acq: 2 Feb 2017 23:32

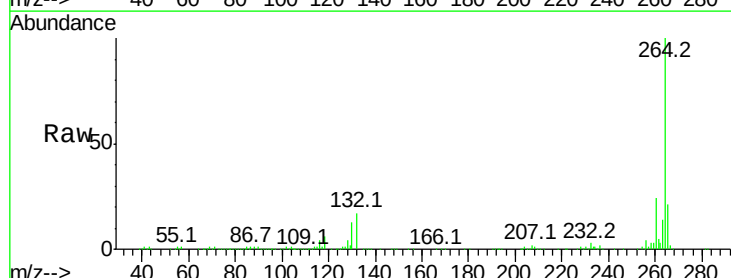
Tgt Ion:264 Resp: 330206

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.4 17.4 26.0



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

