

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093159.D
 Acq On : 24 Feb 2017 22:04
 Operator : SJ/MA
 Sample : I1957-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-7(8-9)20170222

Quant Time: Feb 24 22:35:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

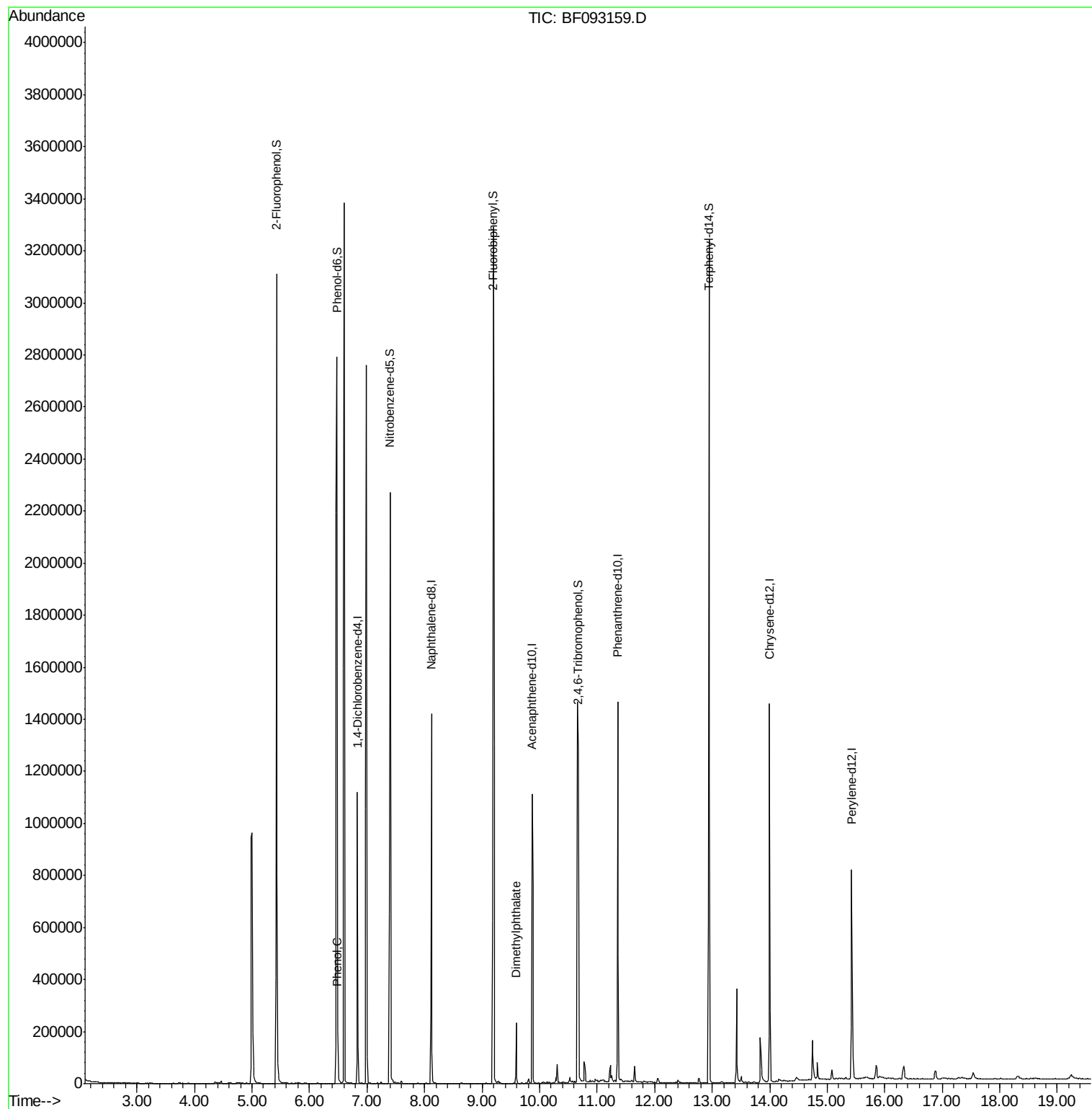
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	154618	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	613394	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	278736	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	550186	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	479231	20.00	ng	-0.02
86) Perylene-d12	15.43	264	353082	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	855263	94.90	ng	-0.02
7) Phenol-d6	6.48	99	1286050	110.91	ng	-0.01
23) Nitrobenzene-d5	7.40	82	752533	68.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	247360	122.70	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1264900	82.21	ng	-0.02
78) Terphenyl-d14	12.95	244	1127112	55.26	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	52309	3.86	ng	Qvalue # 66
49) Dimethylphthalate	9.60	163	93872	5.00	ng	100

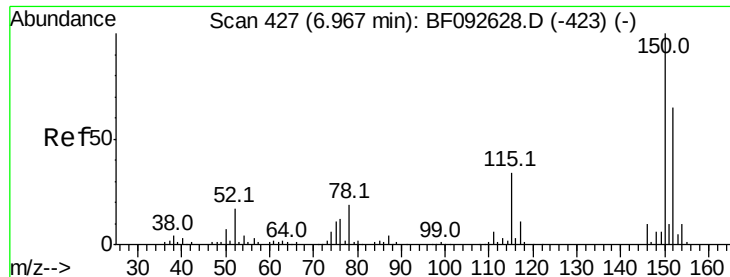
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF093159.D

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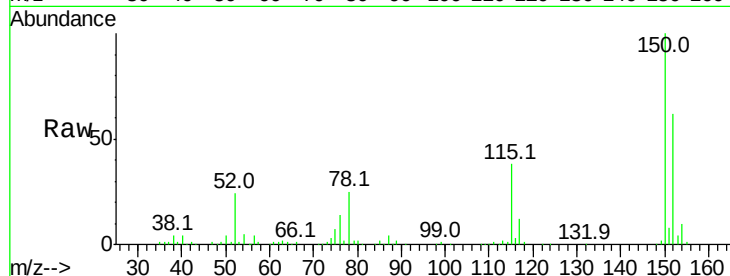
Tot Ion:152 Resp: 154618

Ion Ratio Lower Upper

152 100

150 161.6 124.9 187.3

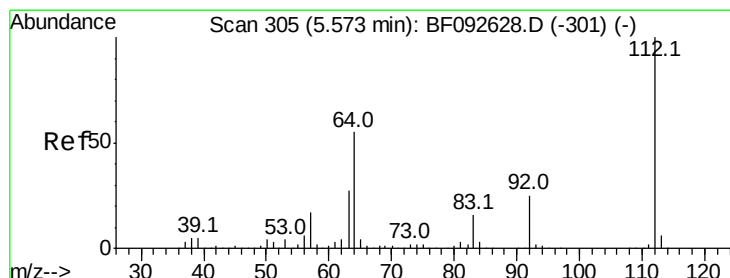
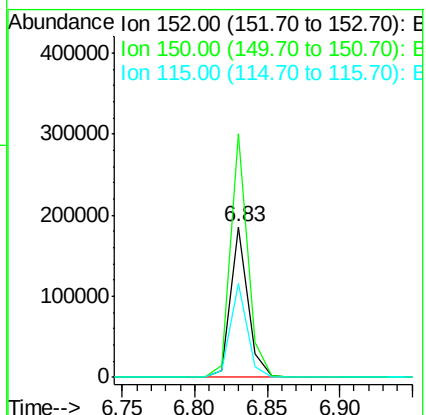
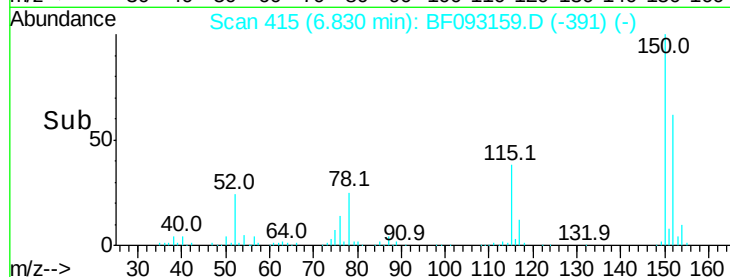
115 61.9 46.0 69.0



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: 94.90 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093159.D

Acq: 24 Feb 2017 22:04

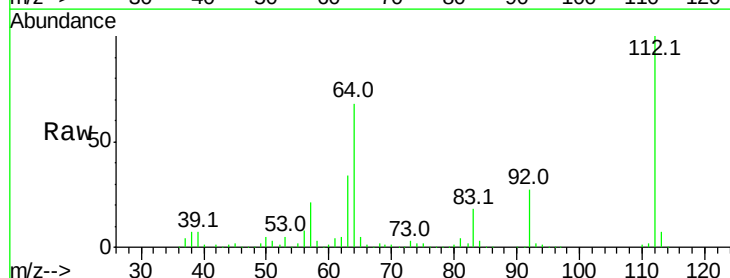
Tgt Ion:112 Resp: 855263

Ion Ratio Lower Upper

112 100

64 68.4 46.1 69.1

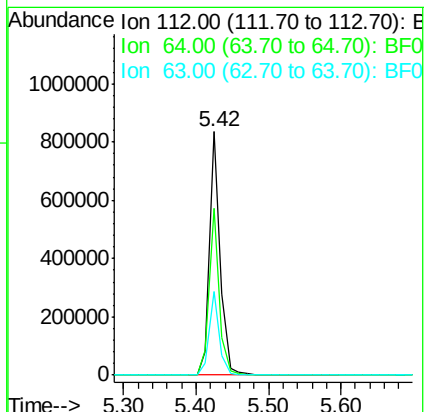
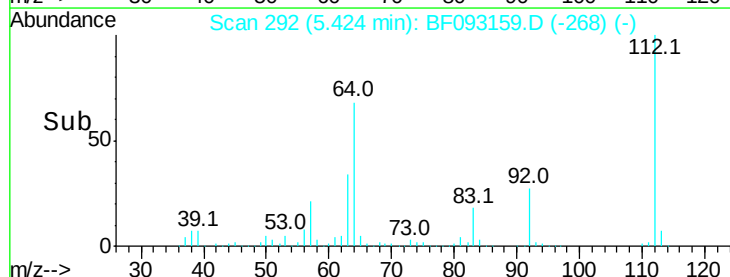
63 34.1 23.8 35.6

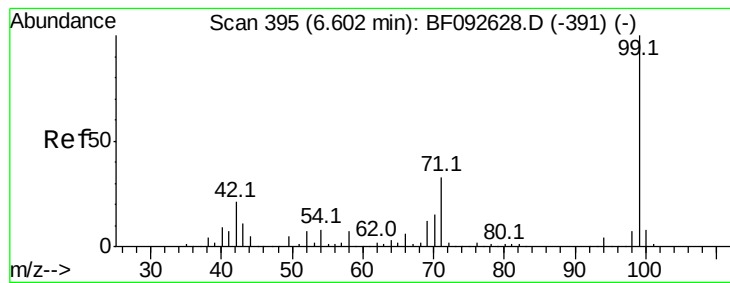


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.91 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093159.D

Acq: 24 Feb 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SRI-SB-7(8-9)20170222

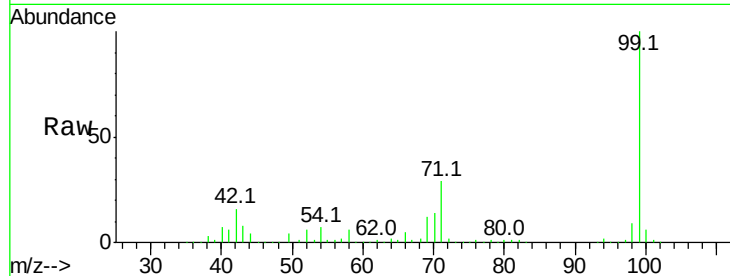
Tot Ion: 99 Resp: 1286050

Ion Ratio Lower Upper

99 100

42 16.2 15.6 23.4

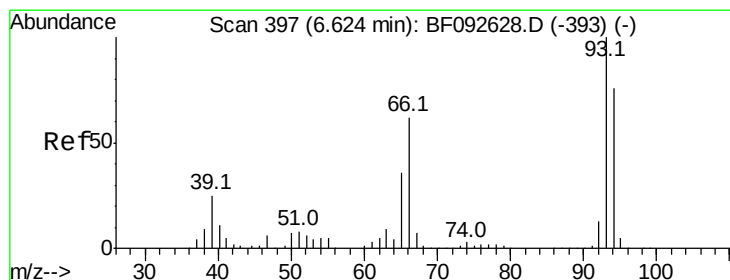
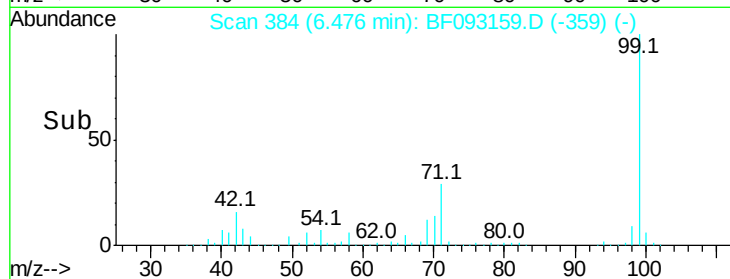
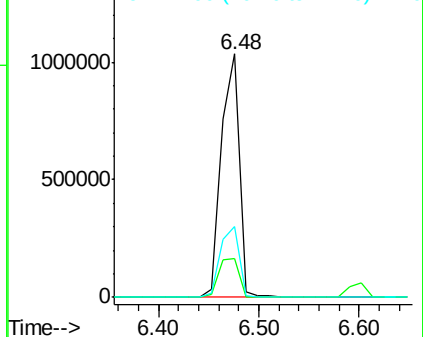
71 29.0 27.5 41.3



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: 3.86 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093159.D

Acq: 24 Feb 2017 22:04

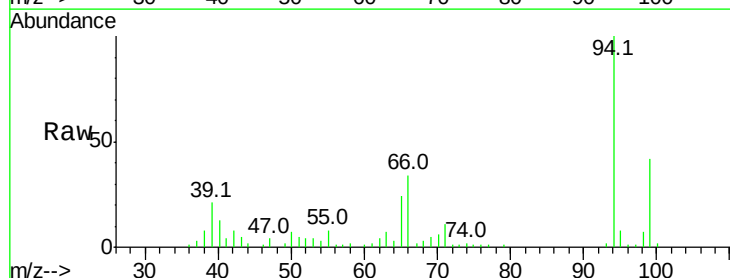
Tgt Ion: 94 Resp: 52309

Ion Ratio Lower Upper

94 100

65 24.0 21.4 61.4

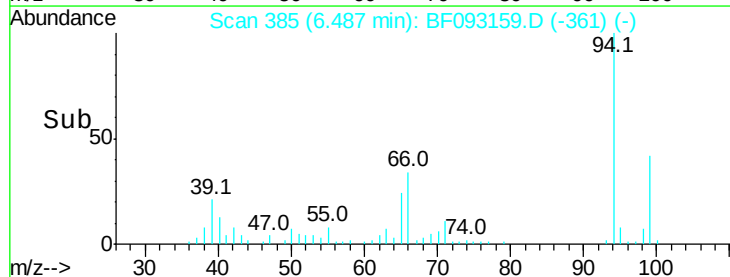
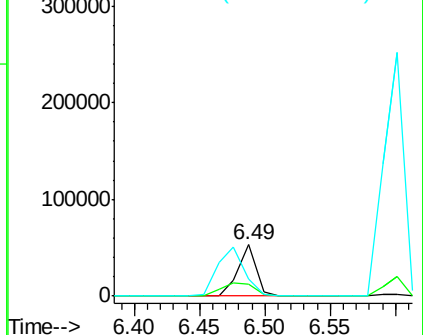
66 34.0 44.0 84.0#

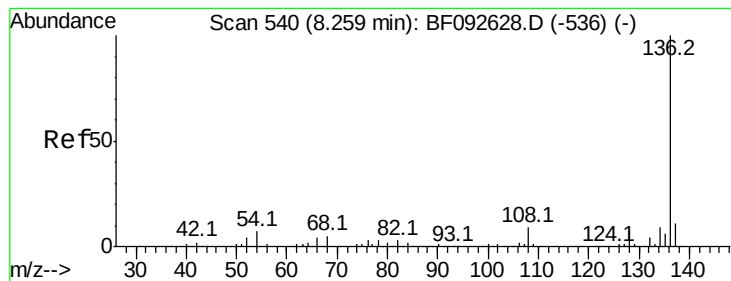


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

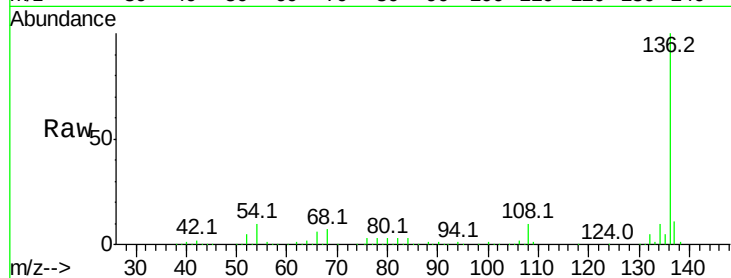




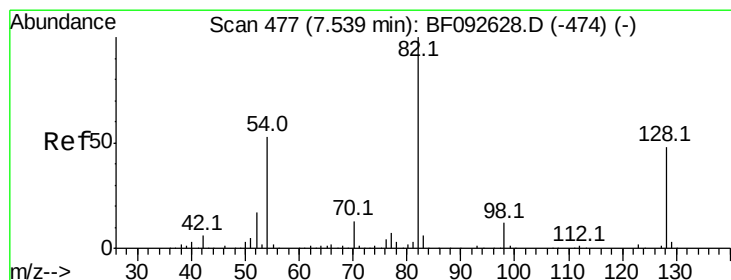
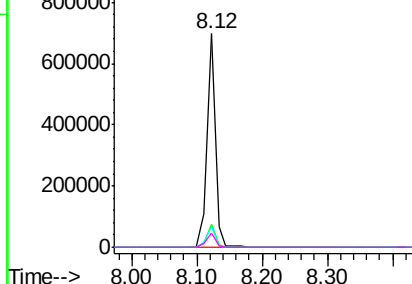
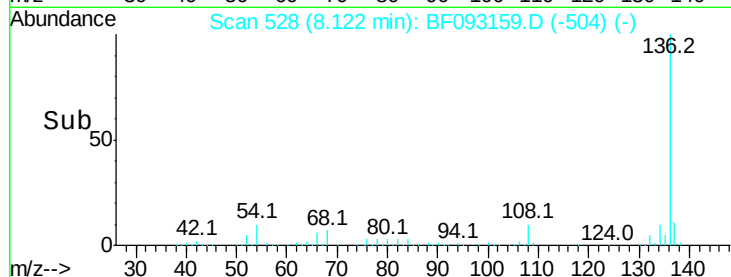
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093159.D
Acq: 24 Feb 2017 22:04

Instrument :
BNA_F
ClientSampleId :
SRI-SB-7(8-9)20170222

Tot Ion:136	Resp:	613394
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.4 12.6
54	9.8	4.5 6.7#
68	6.9	3.6 5.4#

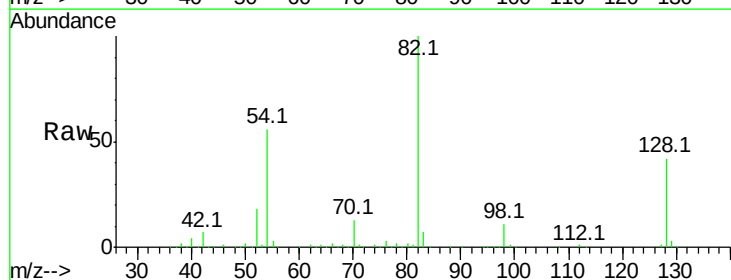


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

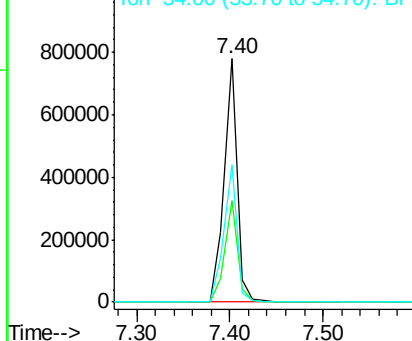
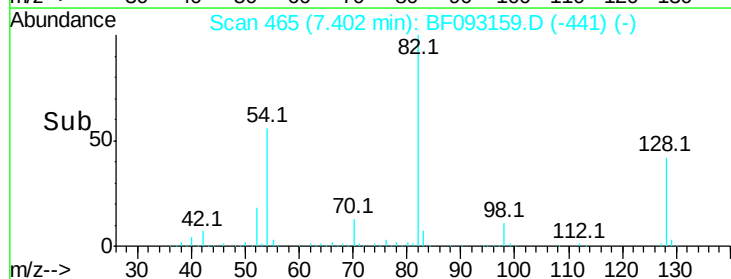


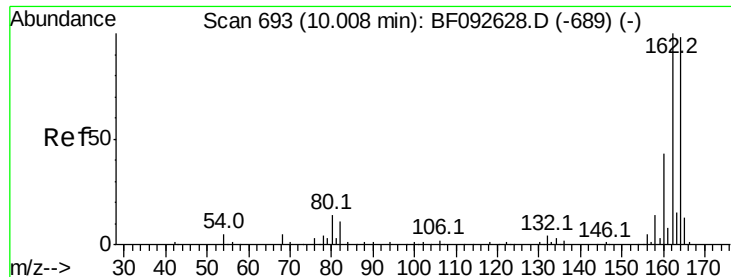
#23
Nitrobenzene-d5
Concen: 68.32 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093159.D
Acq: 24 Feb 2017 22:04

Tgt Ion: 82	Resp:	752533
Ion Ratio	Lower	Upper
82	100	
128	41.6	34.6 52.0
54	56.2	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

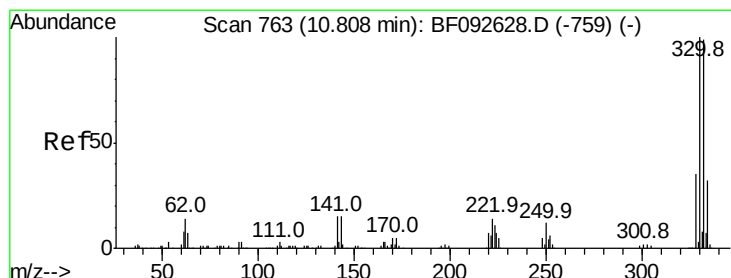
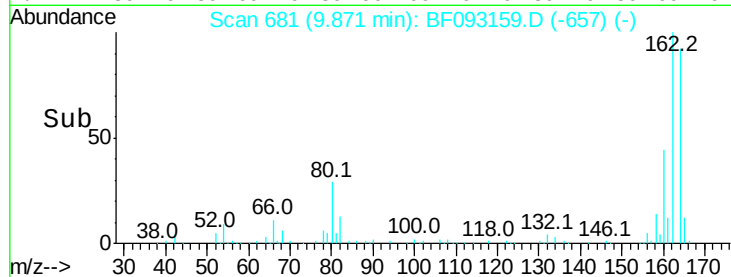
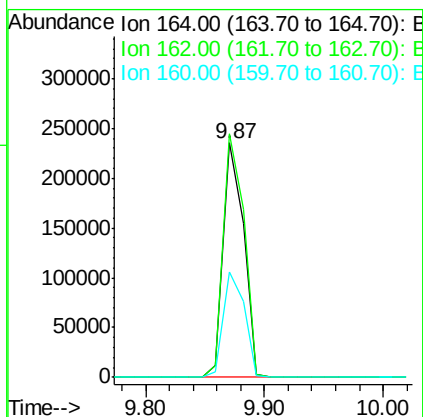
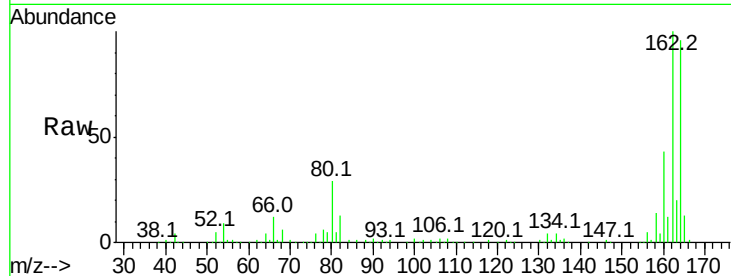




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF093159.D
 Acq: 24 Feb 2017 22:04

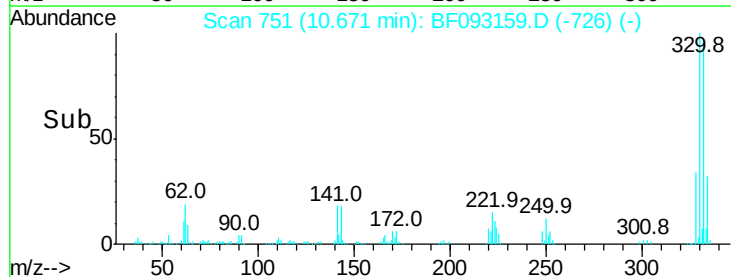
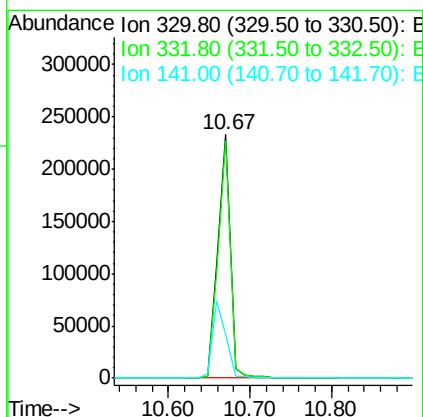
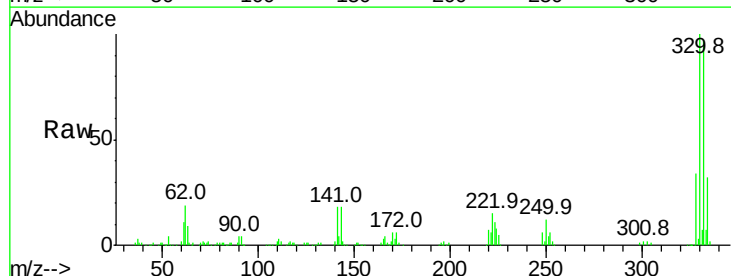
Instrument :
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 SRI-SB-7(8-9)20170222

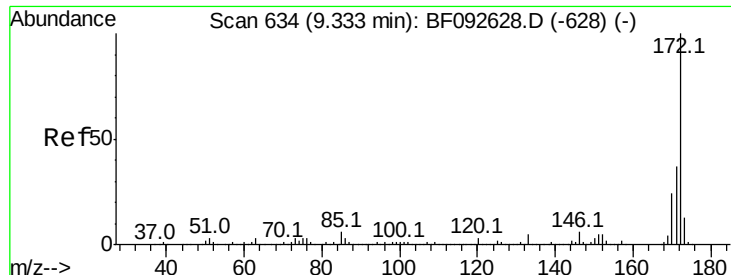
Tot Ion:164 Resp: 278736
 Ion Ratio Lower Upper
 164 100
 162 103.8 80.2 120.2
 160 45.0 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 122.70 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093159.D
 Acq: 24 Feb 2017 22:04

Tgt Ion:330 Resp: 247360
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 34.6 34.1 51.1

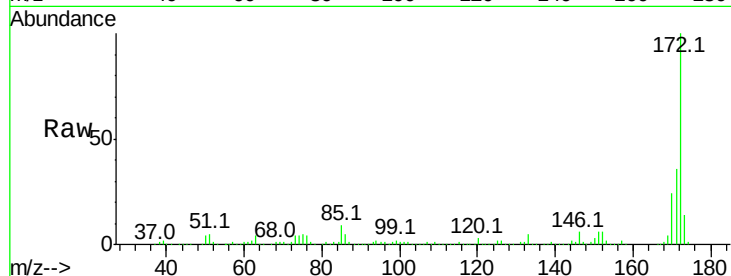




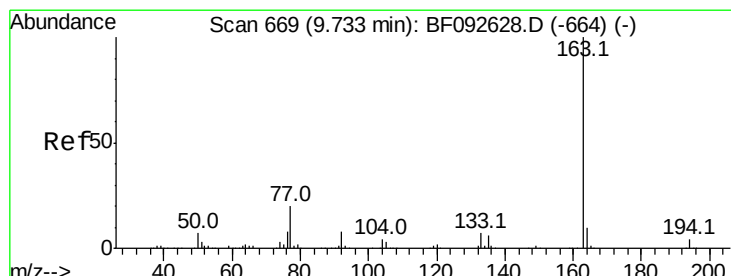
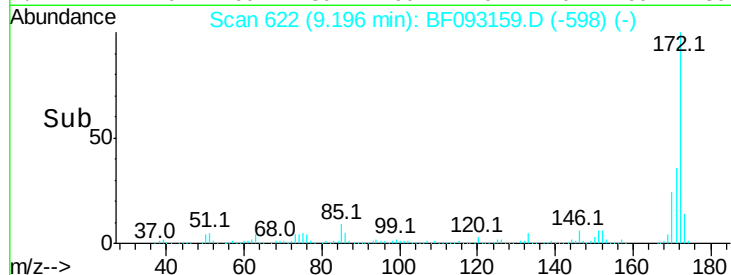
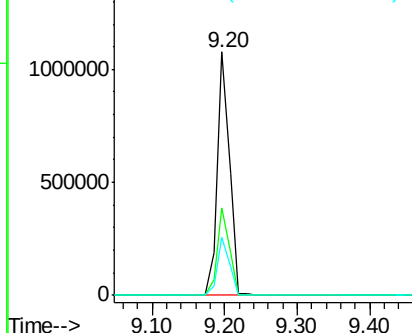
#44
2-Fluorobiphenyl
Concen: 82.21 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF093159.D
Acq: 24 Feb 2017 22:04

Instrument :
BNA_F
ClientSampleId :
SRI-SB-7(8-9)20170222

Tot Ion:172 Resp: 1264900
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 24.0 20.2 30.4

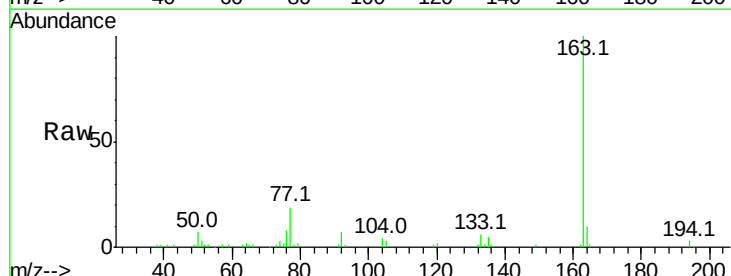


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

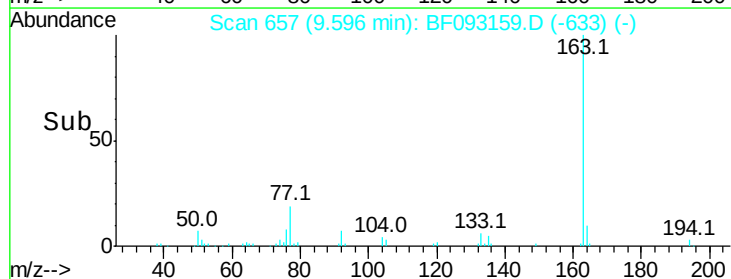
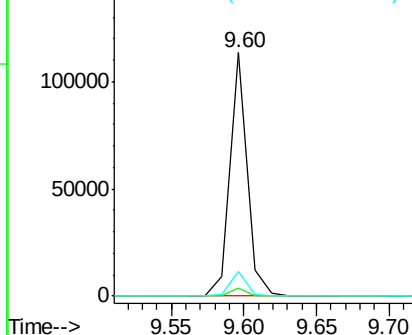


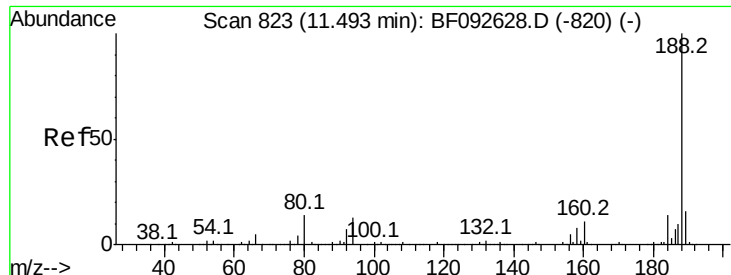
#49
Dimethylphthalate
Concen: 5.00 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093159.D
Acq: 24 Feb 2017 22:04

Tgt Ion:163 Resp: 93872
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.1 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

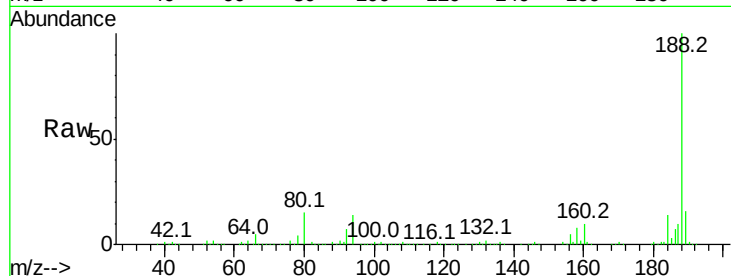




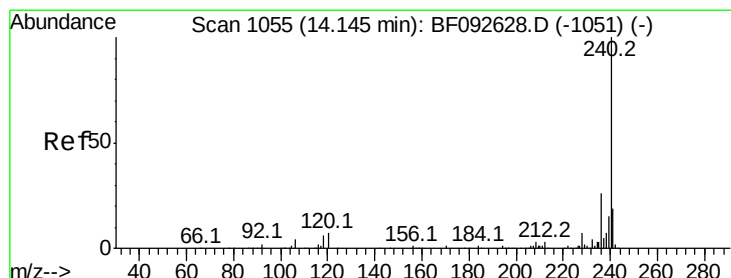
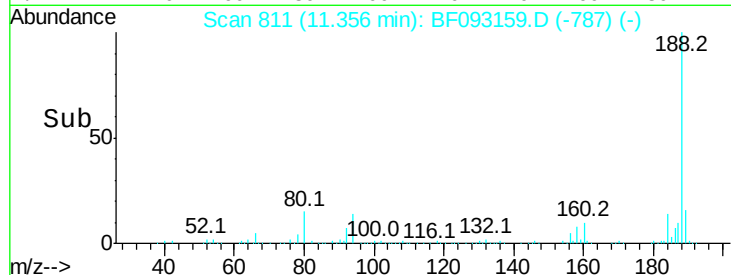
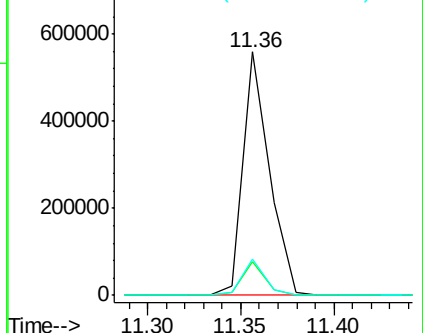
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093159.D
Acq: 24 Feb 2017 22:04

Instrument :
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Tot Ion:188 Resp: 550186
Ion Ratio Lower Upper
188 100
94 13.8 10.0 15.0
80 14.8 11.2 16.8

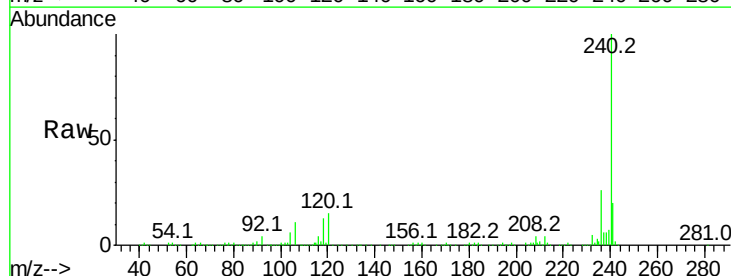


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

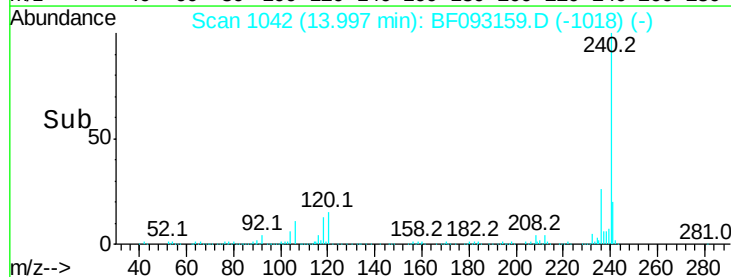
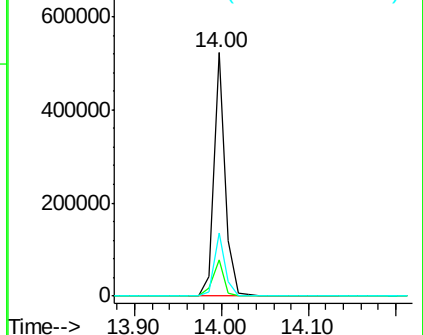


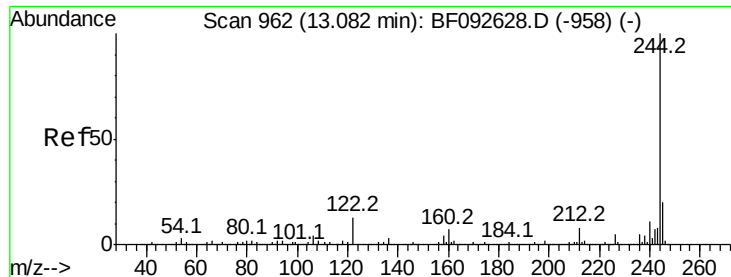
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093159.D
Acq: 24 Feb 2017 22:04

Tgt Ion:240 Resp: 479231
Ion Ratio Lower Upper
240 100
120 14.9 12.9 19.3
236 25.9 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: 55.26 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093159.D

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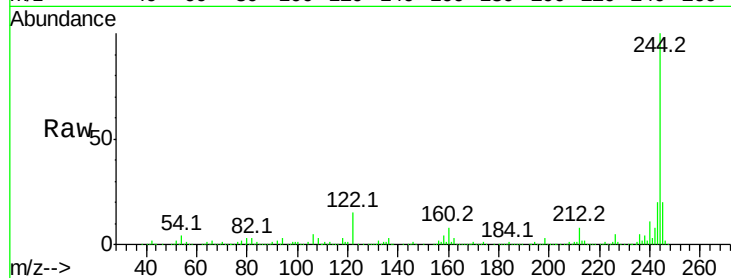
Tot Ion:244 Resp: 1127112

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

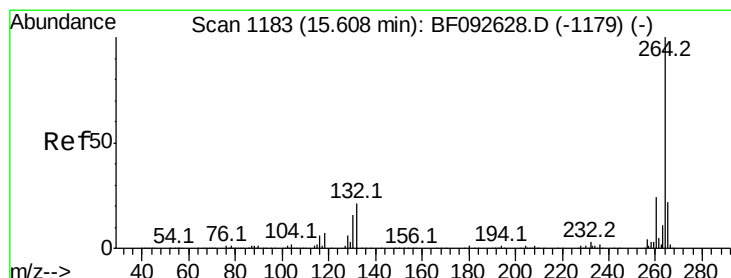
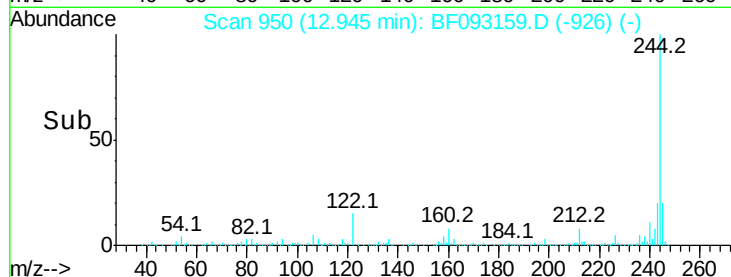
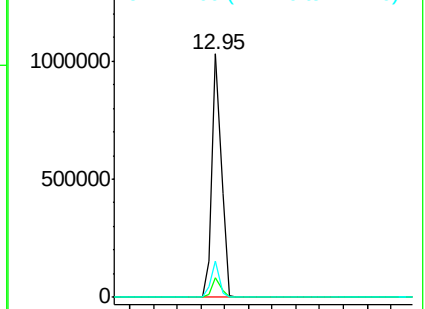
122 15.1 11.4 17.2



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: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093159.D

Acq: 24 Feb 2017 22:04

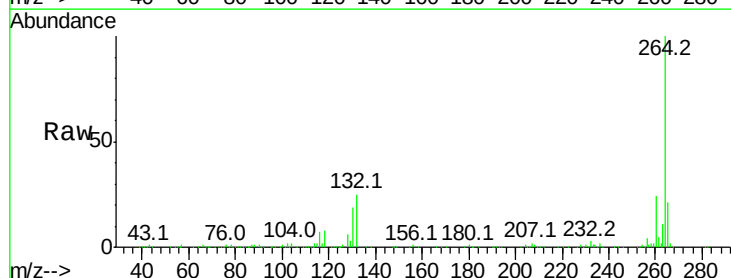
Tgt Ion:264 Resp: 353082

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.2 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

