

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093695.D
 Acq On : 16 Mar 2017 6:29
 Operator : SJ/MA
 Sample : I2162-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 031317-PRRT-F-D-M

Quant Time: Mar 16 07:00:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

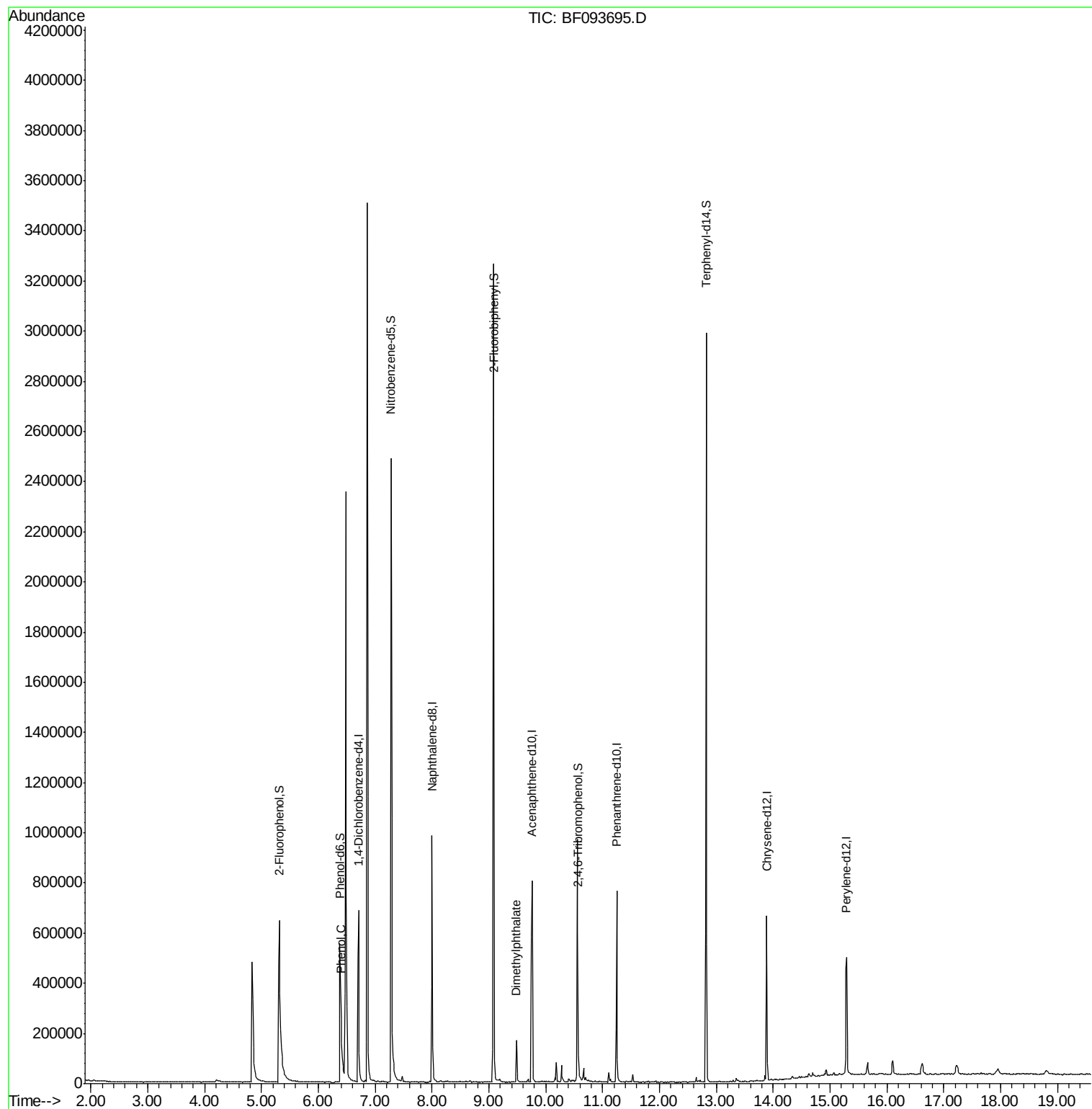
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	147486	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	526231	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	209008	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	305622	20.00	ng	0.00
75) Chrysene-d12	13.89	240	307563	20.00	ng	0.00
86) Perylene-d12	15.29	264	250038	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	430379	48.57	ng	0.00
7) Phenol-d6	6.38	99	357444	31.99	ng	0.00
23) Nitrobenzene-d5	7.28	82	956649	100.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	129543	95.13	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1433116	127.54	ng	0.00
78) Terphenyl-d14	12.83	244	924335	78.14	ng	0.00
Target Compounds						
10) Phenol	6.40	94	48372	3.53	ng	96
49) Dimethylphthalate	9.49	163	72755	5.25	ng	99

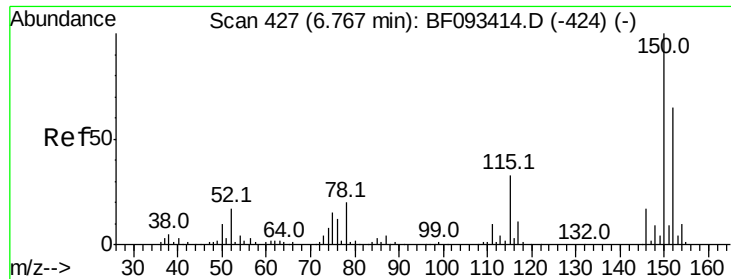
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093695.D

Acq: 16 Mar 2017 6:29

Instrument :

BNA_F

ClientSampleId :

031317-PRRT-F-D-M

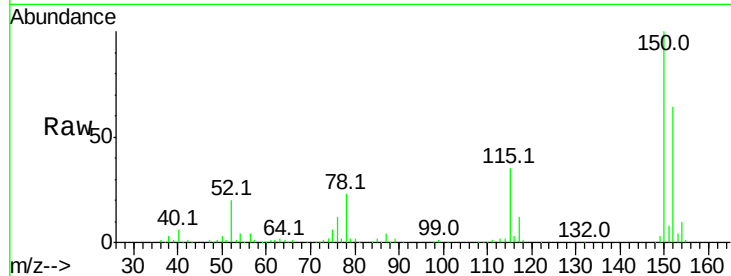
Tot Ion:152 Resp: 147486

Ion Ratio Lower Upper

152 100

150 155.7 124.9 187.3

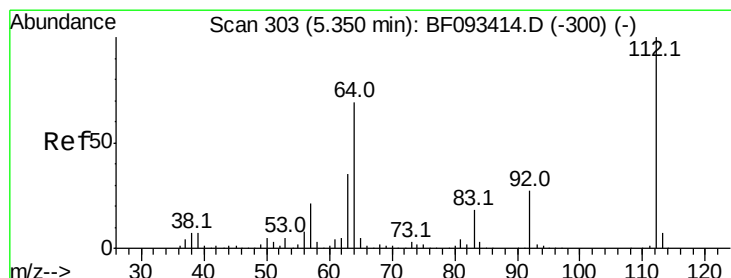
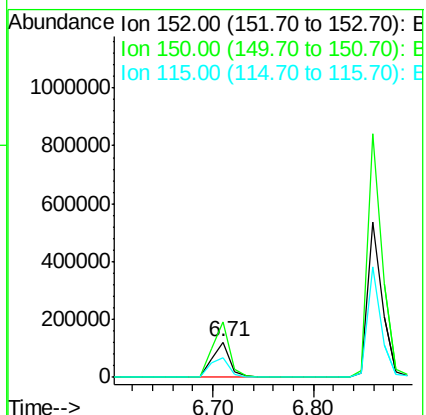
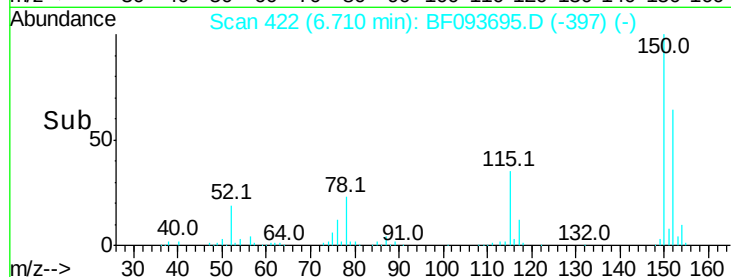
115 54.6 46.0 69.0



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: 48.57 ng

RT: 5.32 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF093695.D

Acq: 16 Mar 2017 6:29

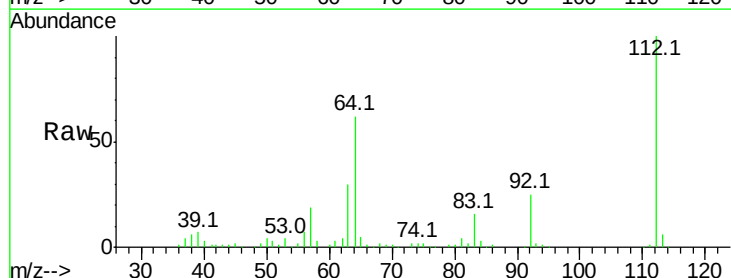
Tgt Ion:112 Resp: 430379

Ion Ratio Lower Upper

112 100

64 62.0 46.1 69.1

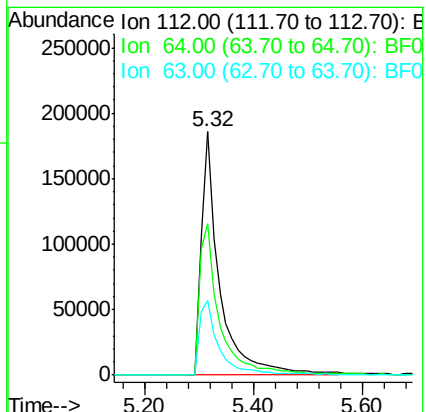
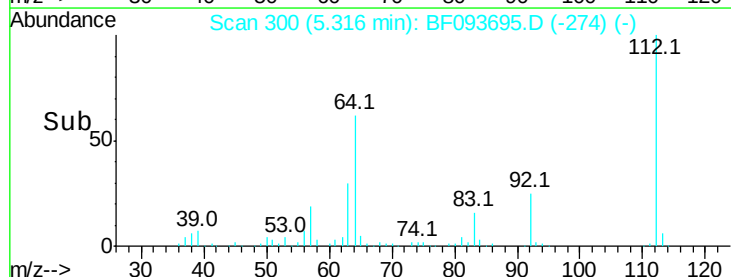
63 30.4 23.8 35.6

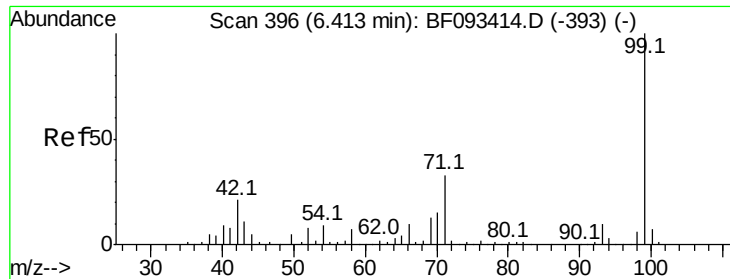


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.99 ng

RT: 6.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF093695.D

Acq: 16 Mar 2017 6:29

Instrument :

BNA_F

ClientSampleId :

031317-PRRT-F-D-M

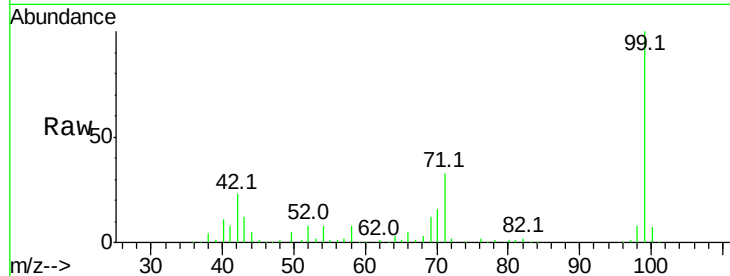
Tot Ion: 99 Resp: 357444

Ion Ratio Lower Upper

99 100

42 22.6 15.6 23.4

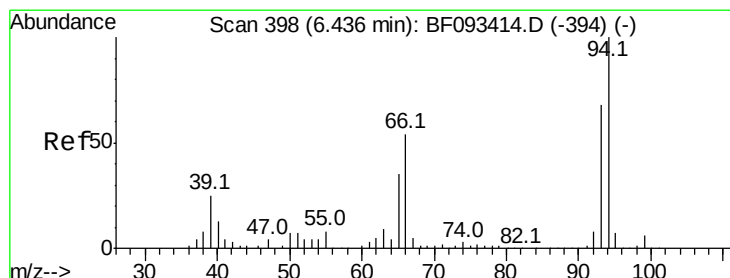
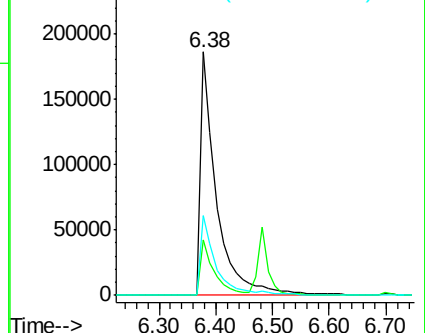
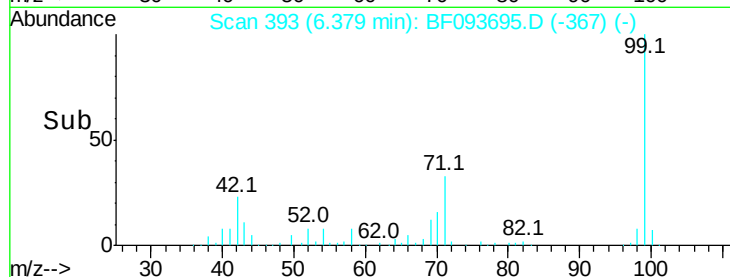
71 32.5 27.5 41.3



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: 3.53 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF093695.D

Acq: 16 Mar 2017 6:29

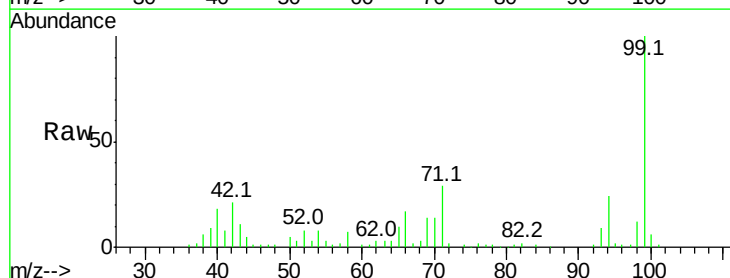
Tgt Ion: 94 Resp: 48372

Ion Ratio Lower Upper

94 100

65 38.9 21.4 61.4

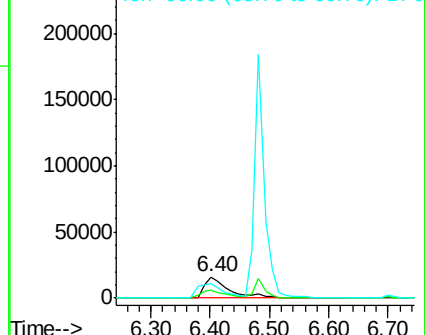
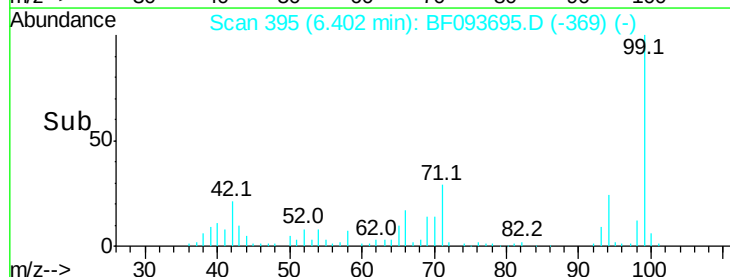
66 67.6 44.0 84.0

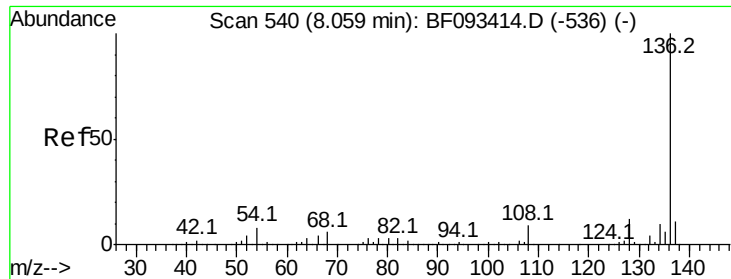


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

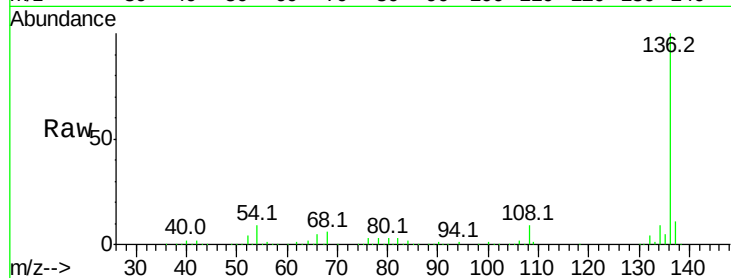




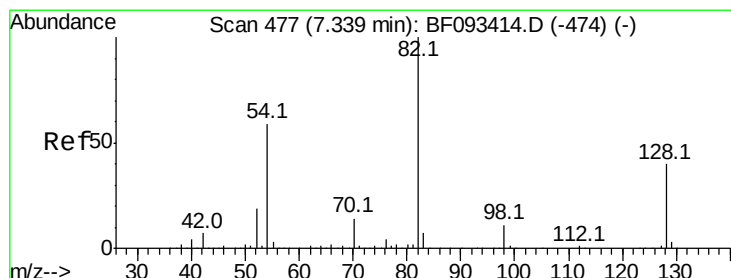
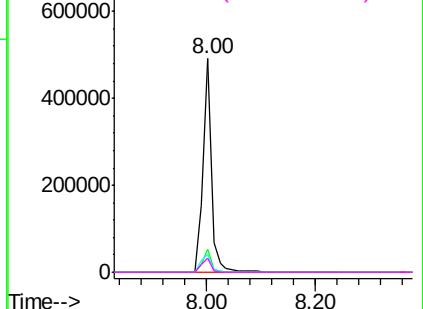
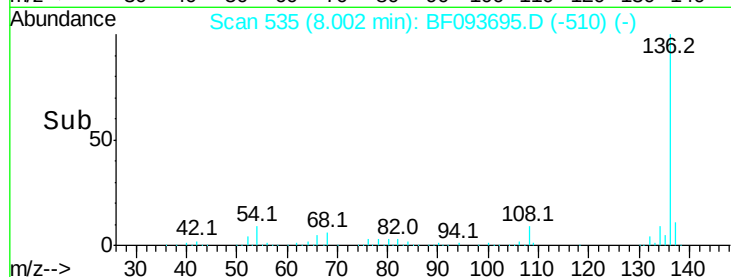
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093695.D
Acq: 16 Mar 2017 6:29

Instrument :
BNA_F
ClientSampleId :
031317-PRRT-F-D-M

Tot Ion:136	Resp:	526231
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.4 12.6
54	8.6	4.5 6.7#
68	6.3	3.6 5.4#

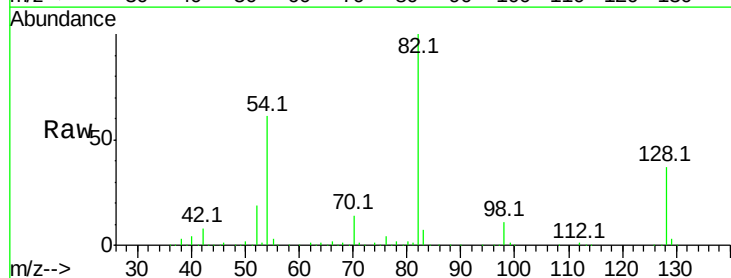


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

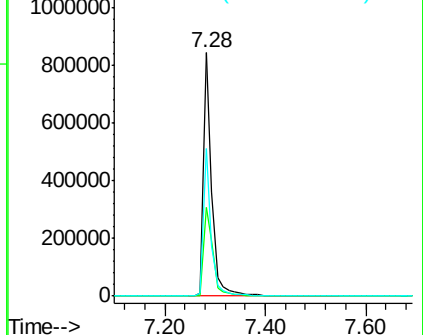
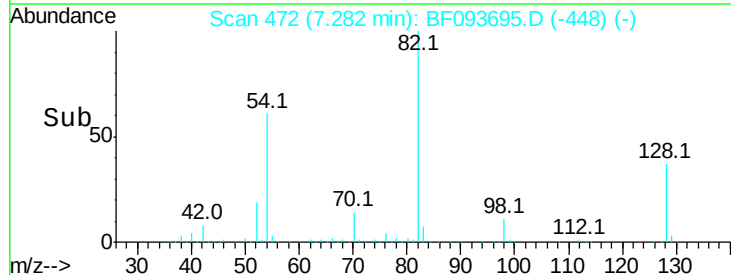


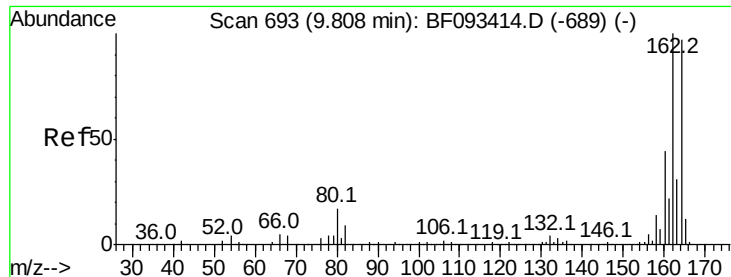
#23
Nitrobenzene-d5
Concen: 100.87 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093695.D
Acq: 16 Mar 2017 6:29

Tgt Ion: 82	Resp:	956649
Ion Ratio	Lower	Upper
82	100	
128	36.5	34.6 52.0
54	60.8	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

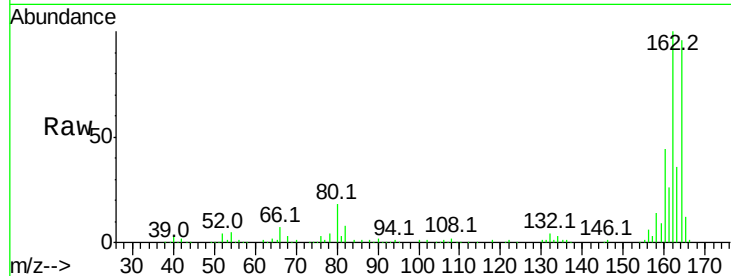




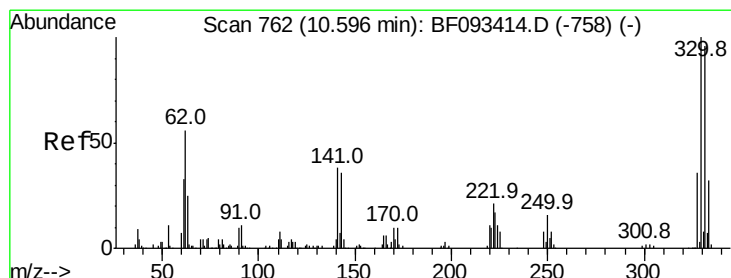
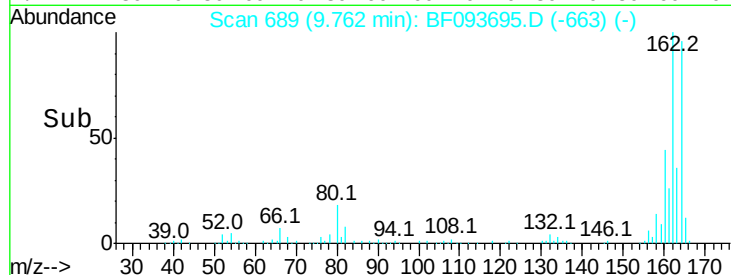
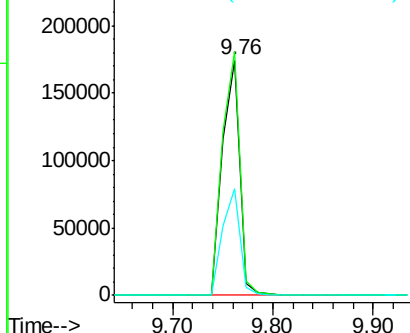
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093695.D
Acq: 16 Mar 2017 6:29

Instrument :
BNA_F
ClientSampleId :
031317-PRRT-F-D-M

Tot Ion:164 Resp: 209008
Ion Ratio Lower Upper
164 100
162 103.7 80.2 120.2
160 45.7 36.9 55.3

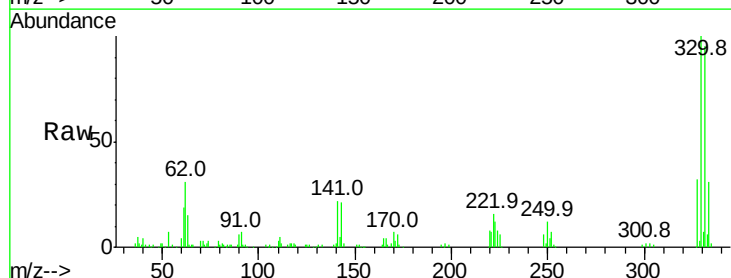


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

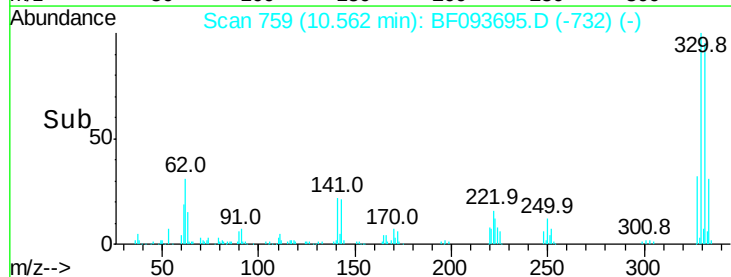
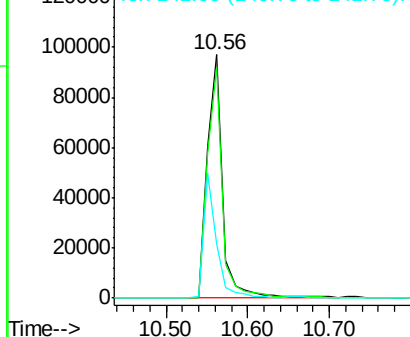


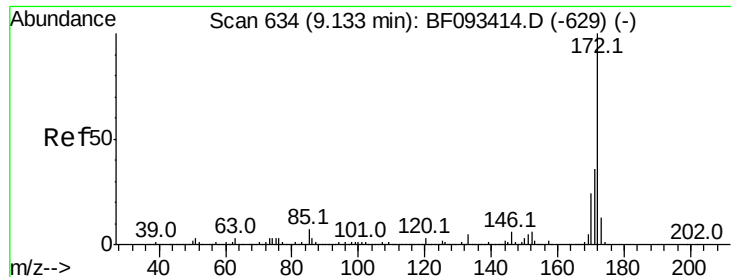
#41
2,4,6-Tribromophenol
Concen: 95.13 ng
RT: 10.56 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF093695.D
Acq: 16 Mar 2017 6:29

Tgt Ion:330 Resp: 129543
Ion Ratio Lower Upper
330 100
332 94.6 77.4 116.2
141 44.2 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: 127.54 ng

RT: 9.09 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF093695.D

Acq: 16 Mar 2017 6:29

Instrument :

BNA_F

ClientSampleId :

031317-PRRT-F-D-M

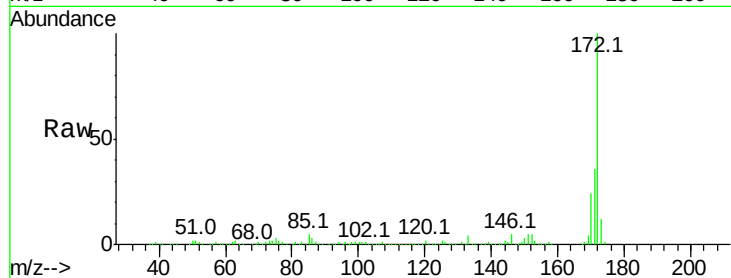
Tot Ion:172 Resp: 1433116

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

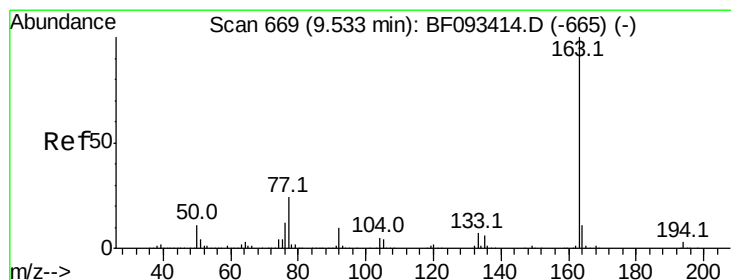
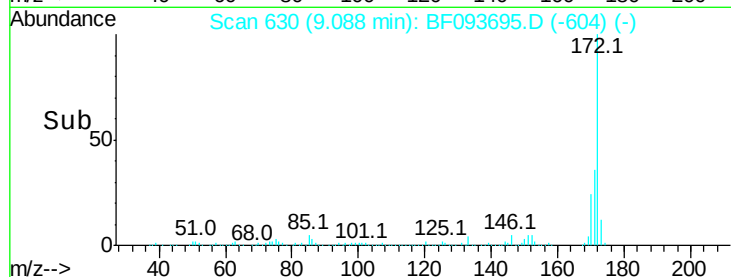
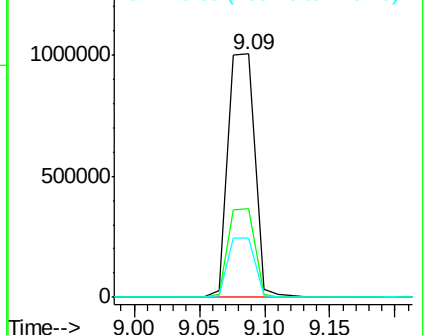
170 24.3 20.2 30.4



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: 5.25 ng

RT: 9.49 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF093695.D

Acq: 16 Mar 2017 6:29

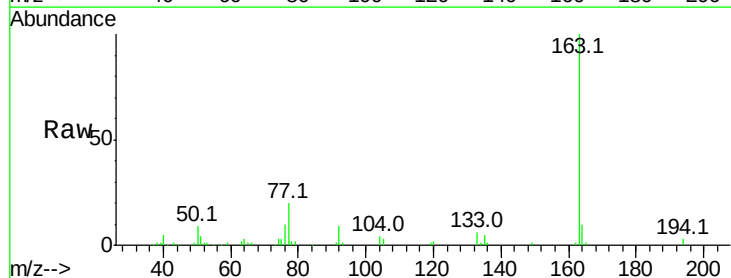
Tgt Ion:163 Resp: 72755

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

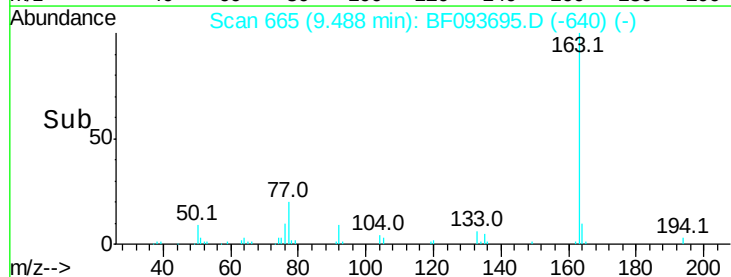
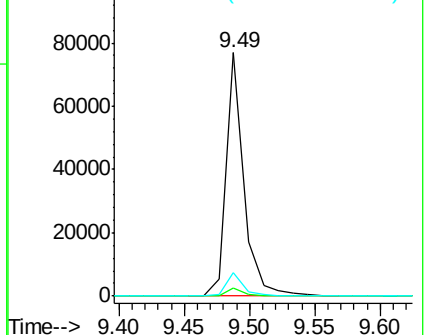
164 9.8 8.0 12.0

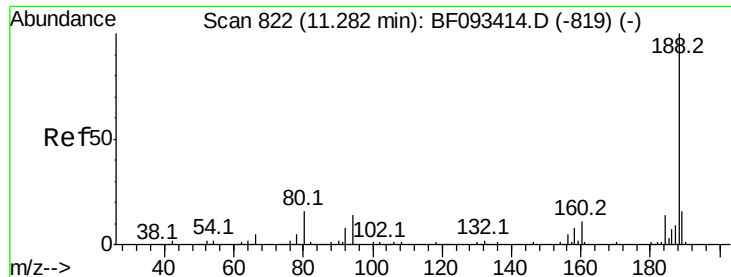


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

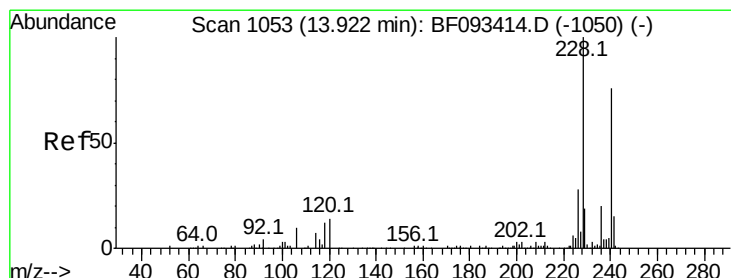
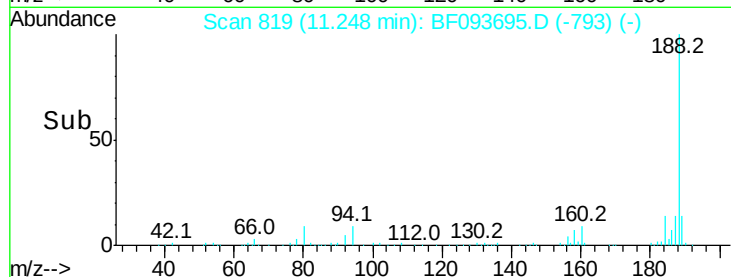
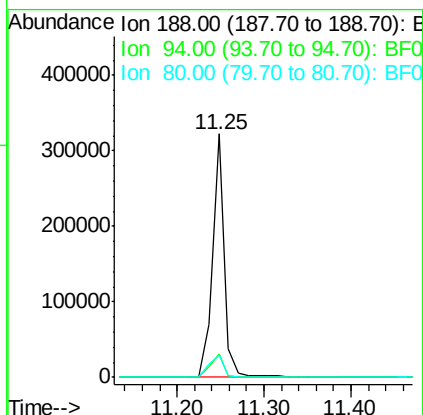
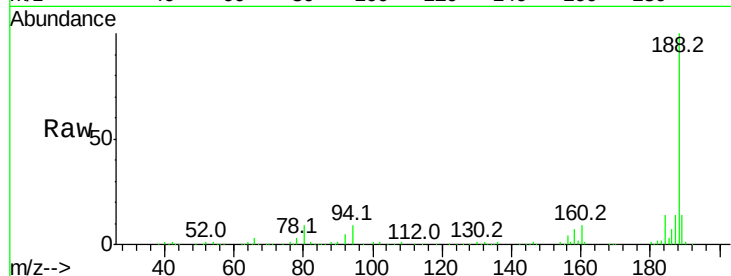




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093695.D
Acq: 16 Mar 2017 6:29

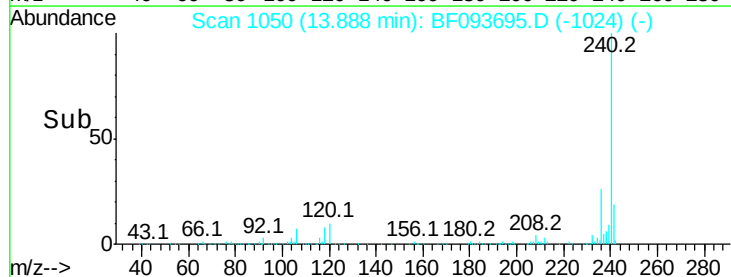
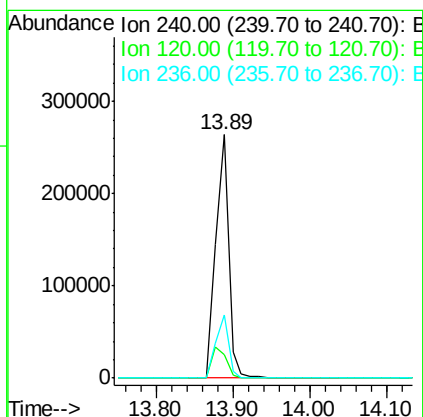
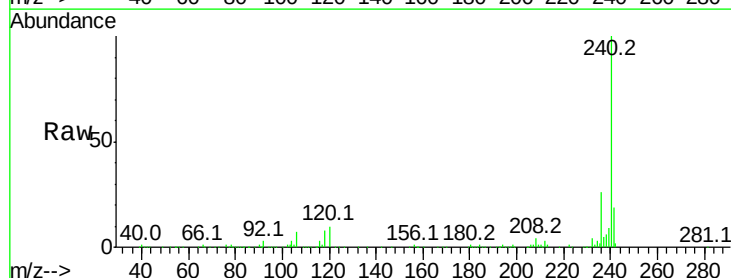
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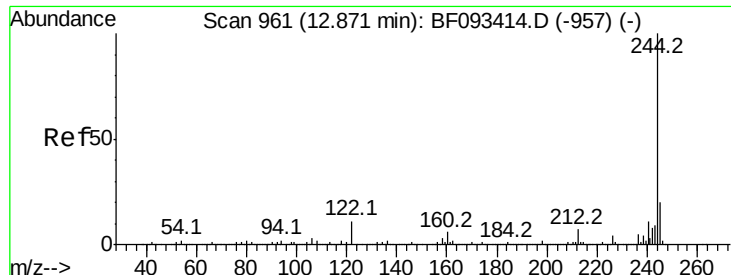
Tot Ion:188 Resp: 305622
Ion Ratio Lower Upper
188 100
94 9.4 10.0 15.0#
80 9.4 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF093695.D
Acq: 16 Mar 2017 6:29

Tgt Ion:240 Resp: 307563
Ion Ratio Lower Upper
240 100
120 9.9 12.9 19.3#
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 78.14 ng

RT: 12.83 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF093695.D

Acq: 16 Mar 2017 6:29

Instrument :

BNA_F

ClientSampleId :

031317-PRRT-F-D-M

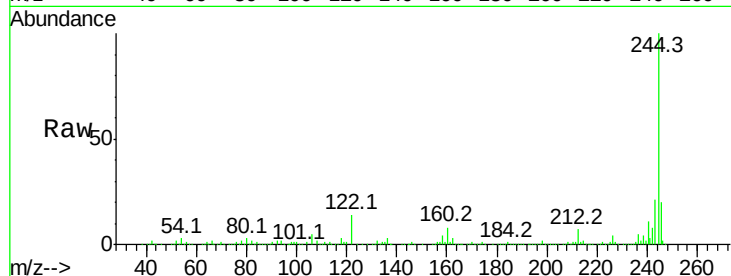
Tot Ion:244 Resp: 924335

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

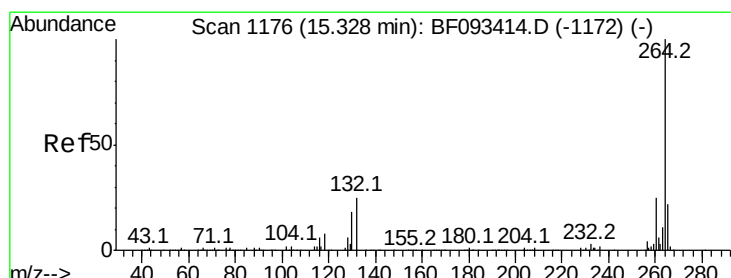
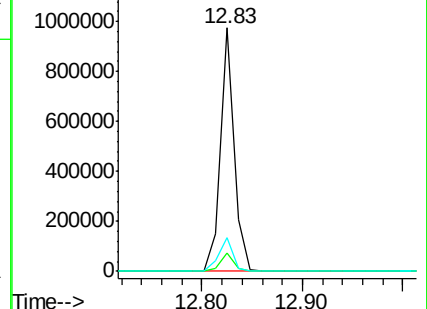
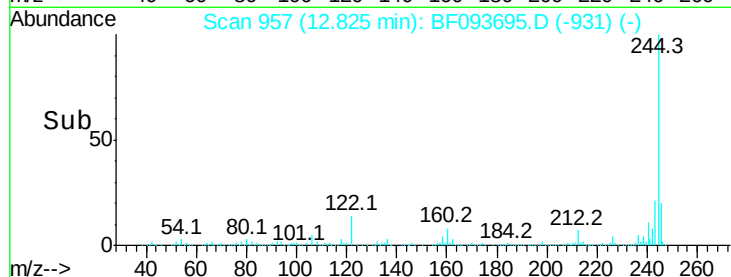
122 13.9 11.4 17.2



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: 15.29 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF093695.D

Acq: 16 Mar 2017 6:29

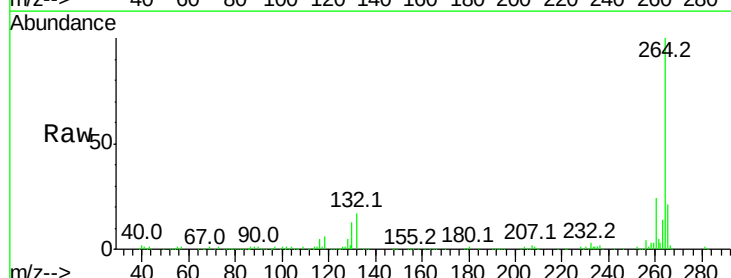
Tgt Ion:264 Resp: 250038

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 20.7 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

