

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093441.D
 Acq On : 8 Mar 2017 21:07
 Operator : SJ/MA
 Sample : I2126-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-AAZ-6-7-WSW

Quant Time: Mar 09 00:15:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

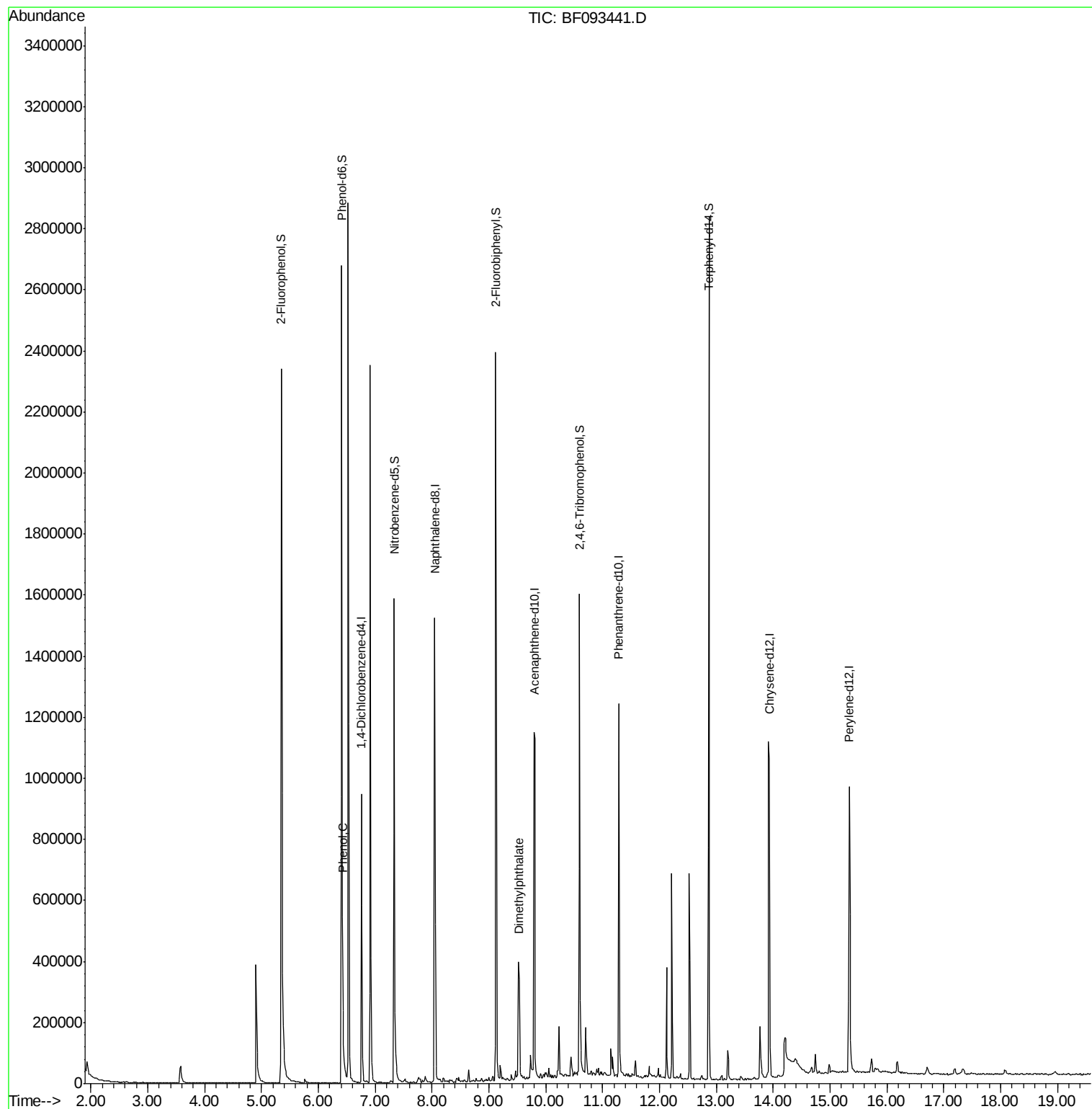
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	183790	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	711375	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	334434	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	641255	20.00	ng	0.00
75) Chrysene-d12	13.93	240	580145	20.00	ng	0.01
86) Perylene-d12	15.34	264	437763	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	822668	74.50	ng	0.00
7) Phenol-d6	6.41	99	1123319	80.67	ng	0.00
23) Nitrobenzene-d5	7.34	82	673191	52.51	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	193968	89.02	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	945804	52.60	ng	-0.01
78) Terphenyl-d14	12.87	244	833617	37.36	ng	0.00
Target Compounds						
10) Phenol	6.42	94	36369	2.13	ng	96
49) Dimethylphthalate	9.53	163	218472	9.85	ng	99

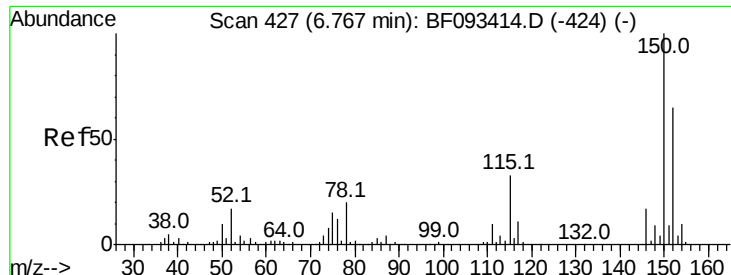
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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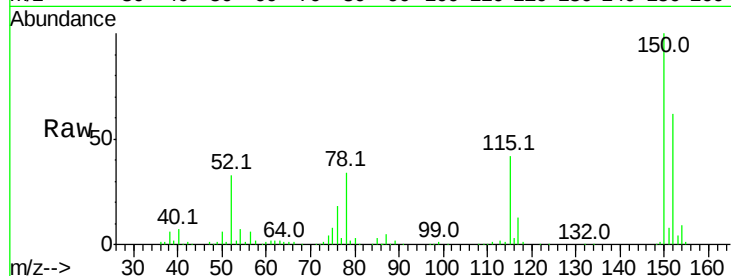


#1

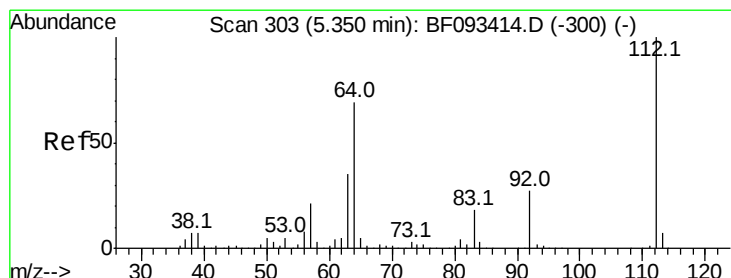
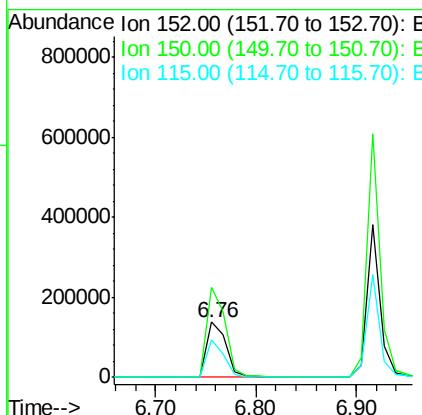
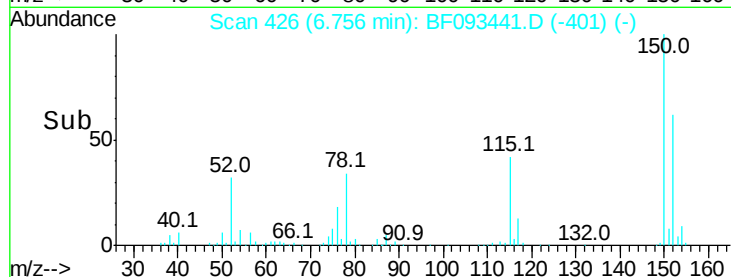
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF093441.D
Acq: 8 Mar 2017 21:07

Instrument :
BNA_F
ClientSampleId :
E2-AAZ-6-7-WSW

Tot Ion:152 Resp: 183790
Ion Ratio Lower Upper
152 100
150 162.2 124.9 187.3
115 68.5 46.0 69.0



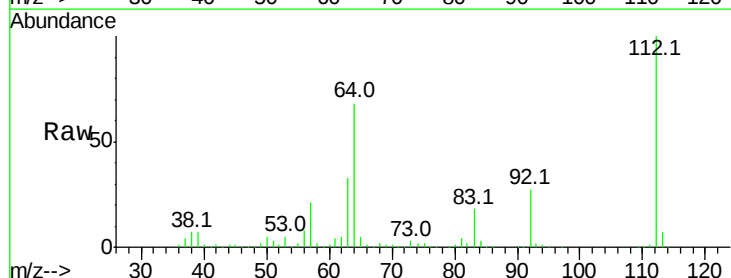
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



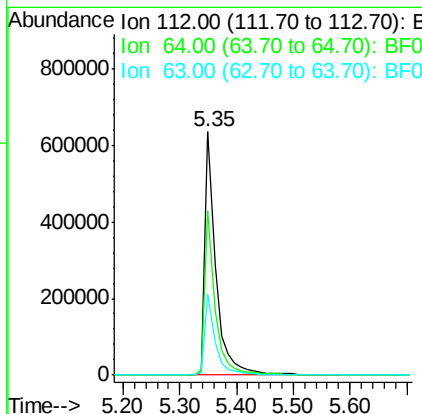
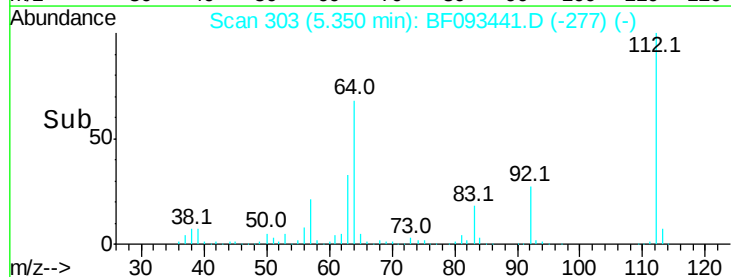
#5

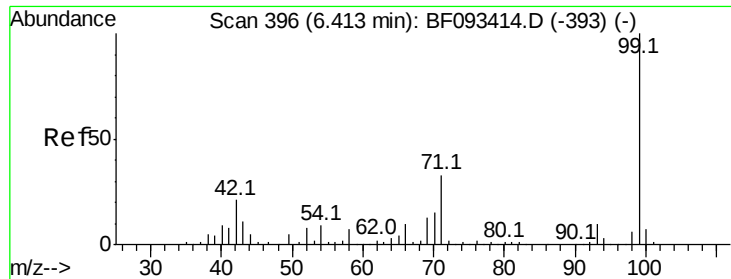
2-Fluorophenol
Concen: 74.50 ng
RT: 5.35 min Scan# 303
Delta R.T. 0.00 min
Lab File: BF093441.D
Acq: 8 Mar 2017 21:07

Tgt Ion:112 Resp: 822668
Ion Ratio Lower Upper
112 100
64 67.5 46.1 69.1
63 33.3 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: 80.67 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093441.D

Acq: 8 Mar 2017 21:07

Instrument :

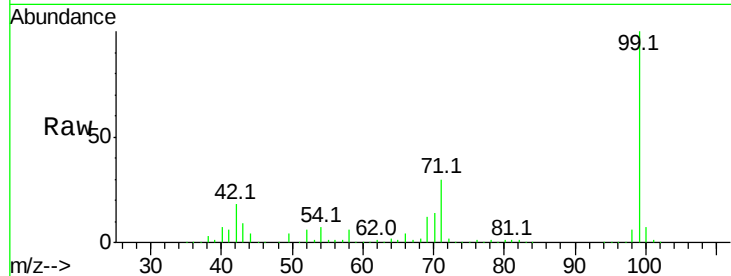
BNA_F

ClientSampleId :

E2-AAZ-6-7-WSW

Tot Ion: 99 Resp: 1123319

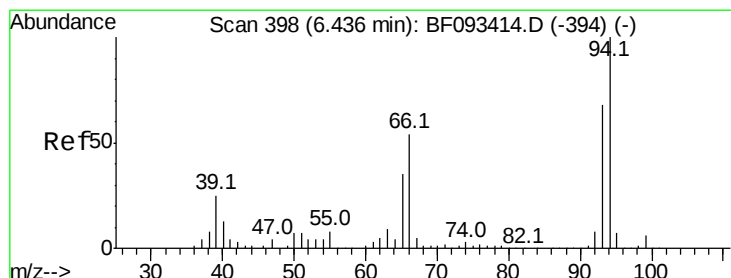
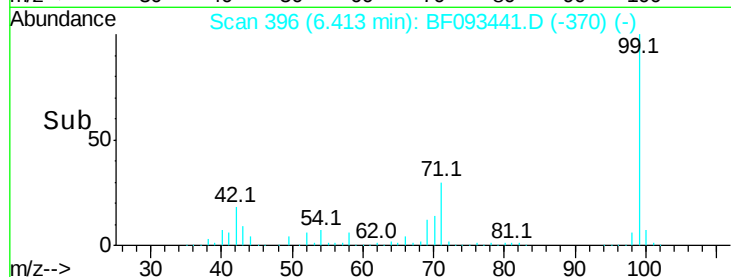
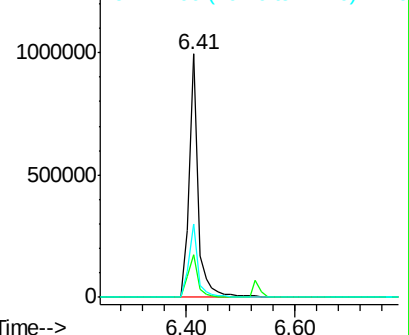
Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.6	23.4
71	30.3	27.5	41.3



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: 2.13 ng

RT: 6.42 min Scan# 397

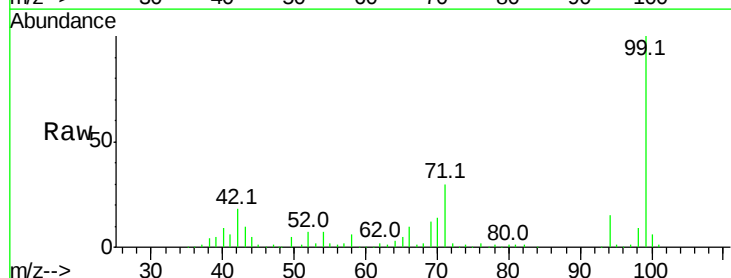
Delta R.T. -0.01 min

Lab File: BF093441.D

Acq: 8 Mar 2017 21:07

Tgt Ion: 94 Resp: 36369

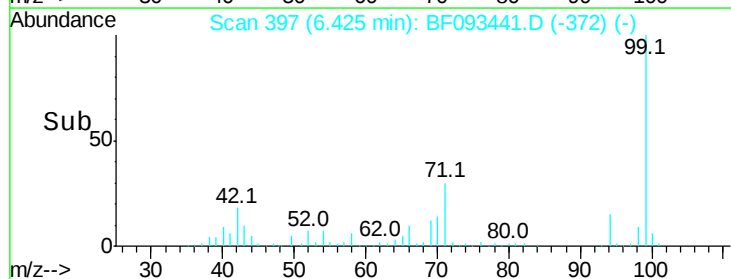
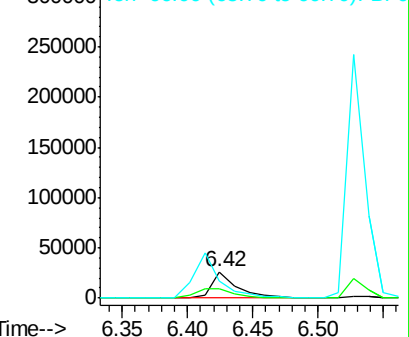
Ion	Ratio	Lower	Upper
94	100		
65	35.3	21.4	61.4
66	64.1	44.0	84.0

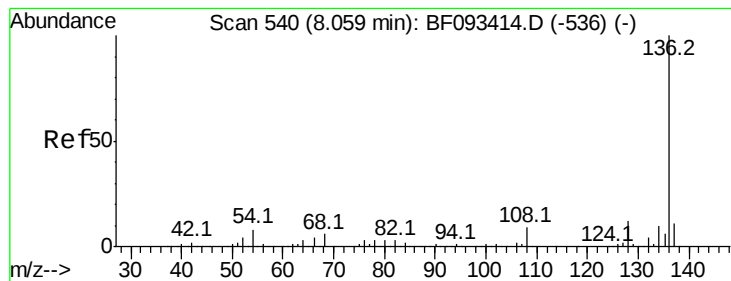


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.05 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF093441.D

Acq: 8 Mar 2017 21:07

Instrument :

BNA_F

ClientSampleId :

E2-AAZ-6-7-WSW

Tot Ion:136 Resp: 711375

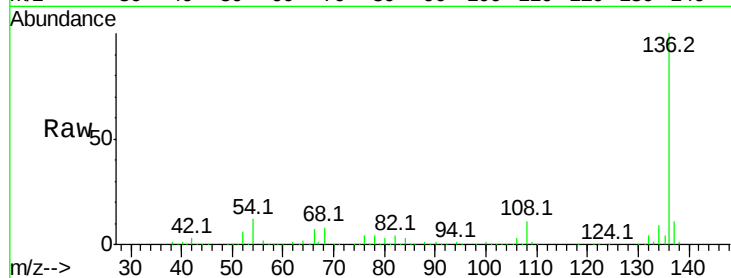
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 12.2 4.5 6.7#

68 8.5 3.6 5.4#

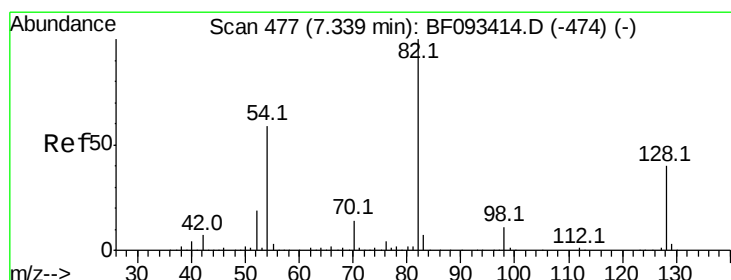
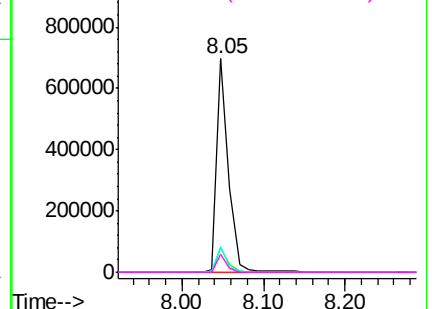
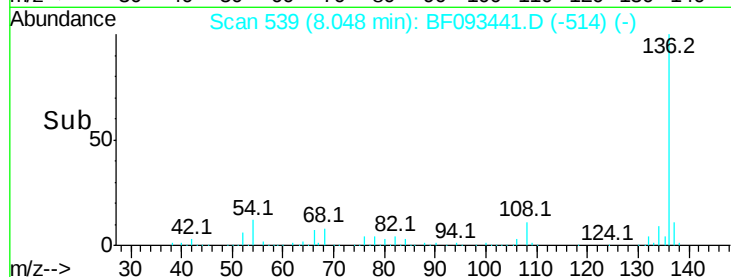


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.51 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF093441.D

Acq: 8 Mar 2017 21:07

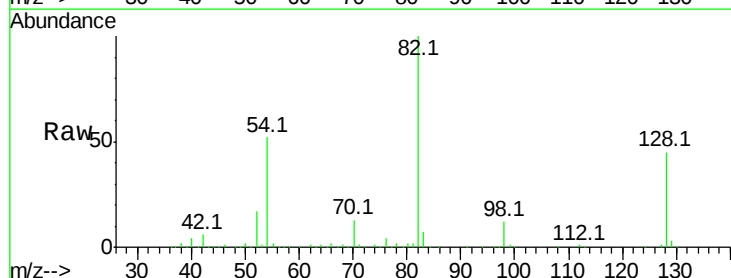
Tgt Ion: 82 Resp: 673191

Ion Ratio Lower Upper

82 100

128 45.3 34.6 52.0

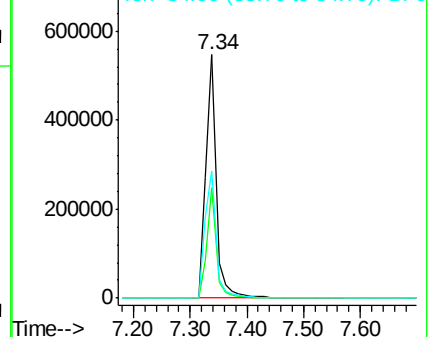
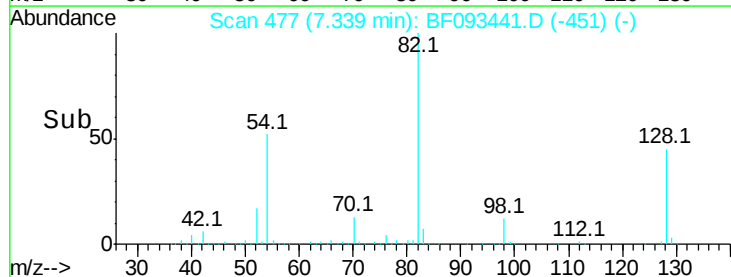
54 52.1 39.5 59.3

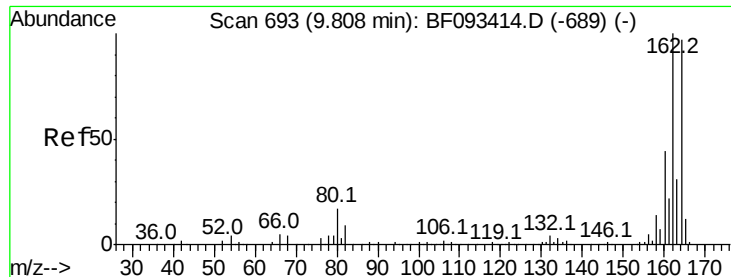


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

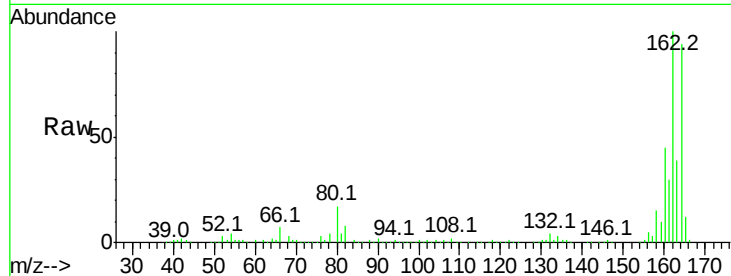




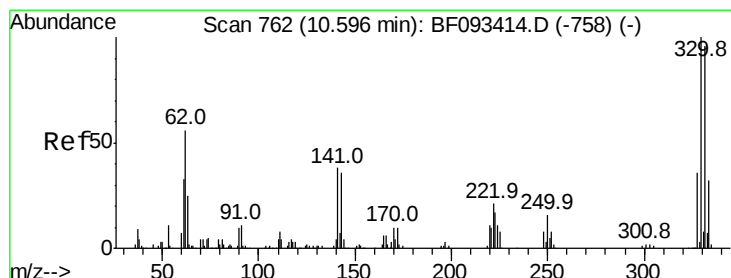
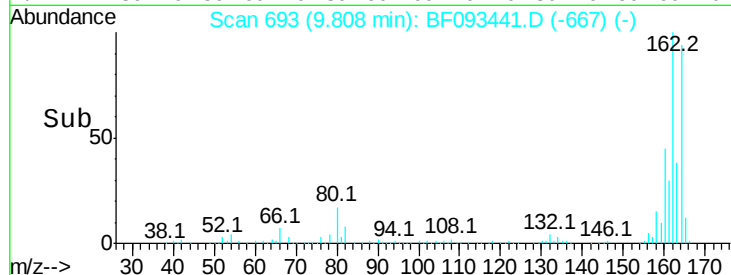
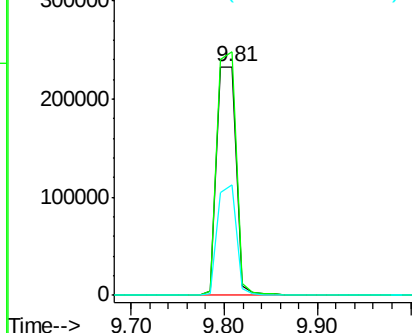
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF093441.D
 Acq: 8 Mar 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :
 E2-AAZ-6-7-WSW

Tot Ion:164 Resp: 334434
 Ion Ratio Lower Upper
 164 100
 162 106.5 80.2 120.2
 160 48.2 36.9 55.3

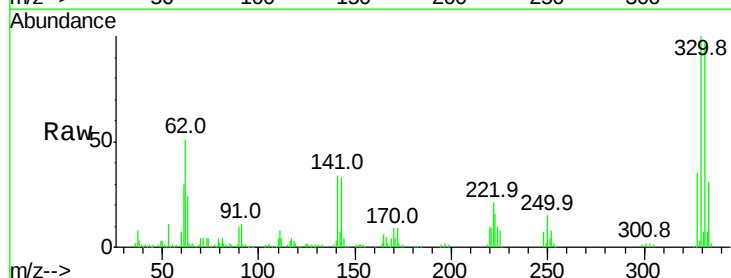


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

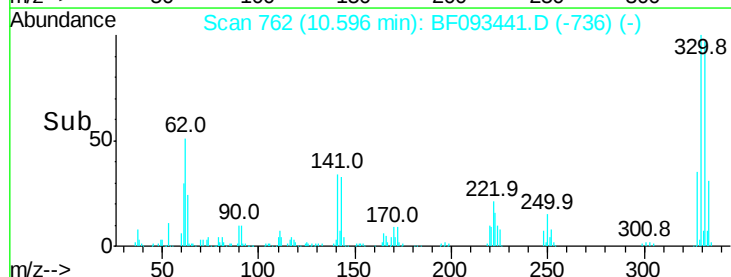
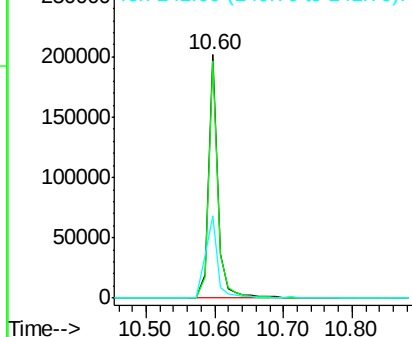


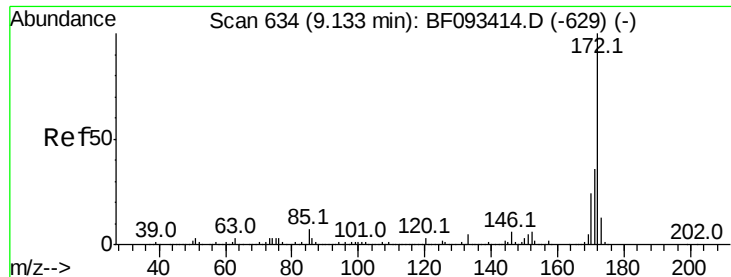
#41
 2,4,6-Tribromophenol
 Concen: 89.02 ng
 RT: 10.60 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF093441.D
 Acq: 8 Mar 2017 21:07

Tgt Ion:330 Resp: 193968
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 43.6 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: 52.60 ng

RT: 9.12 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF093441.D

Acq: 8 Mar 2017 21:07

Instrument :

BNA_F

ClientSampleId :

E2-AAZ-6-7-WSW

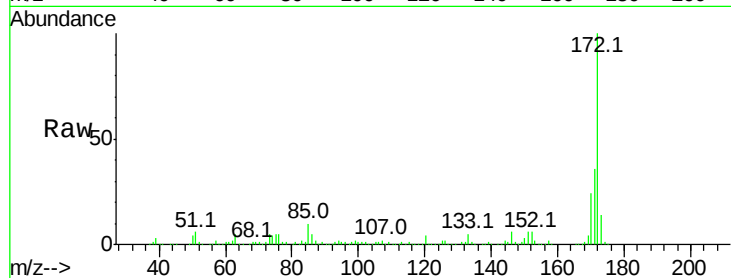
Tot Ion:172 Resp: 945804

Ion Ratio Lower Upper

172 100

171 35.9 29.4 44.0

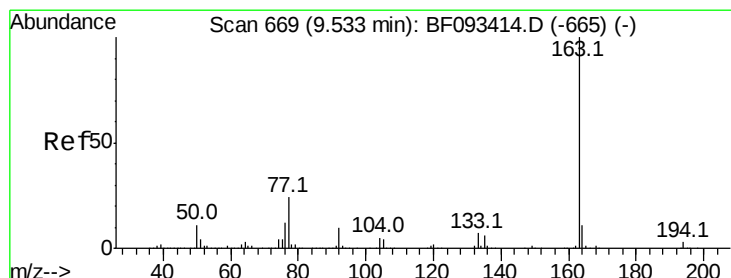
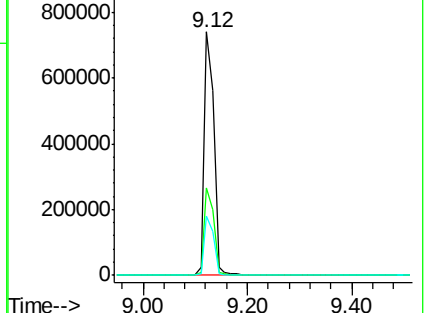
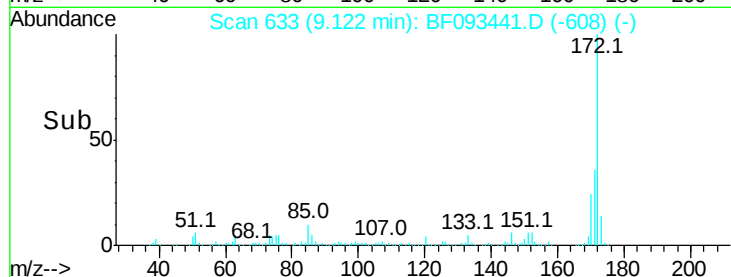
170 24.4 20.2 30.4



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: 9.85 ng

RT: 9.53 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF093441.D

Acq: 8 Mar 2017 21:07

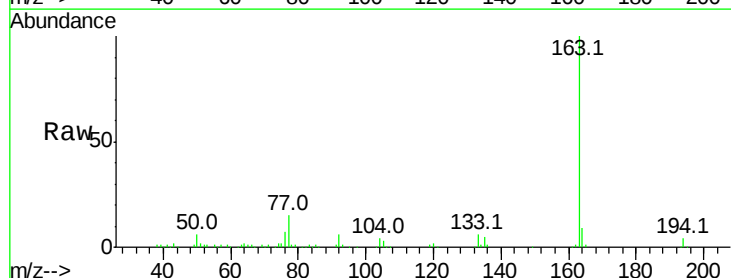
Tgt Ion:163 Resp: 218472

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

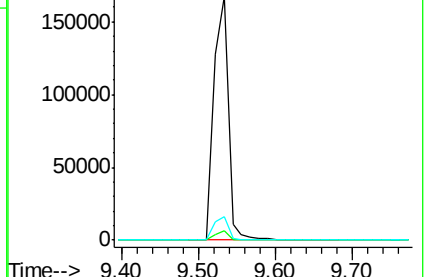
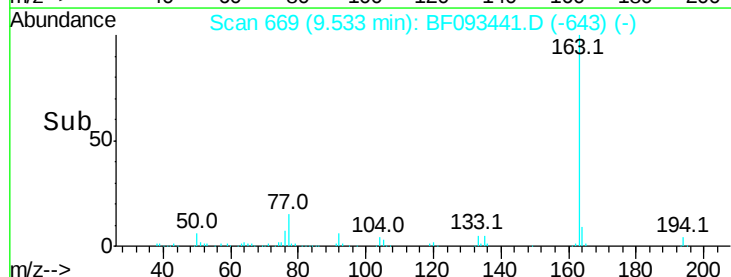
164 9.4 8.0 12.0

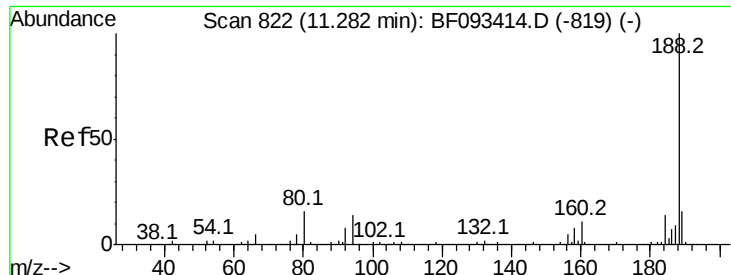


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

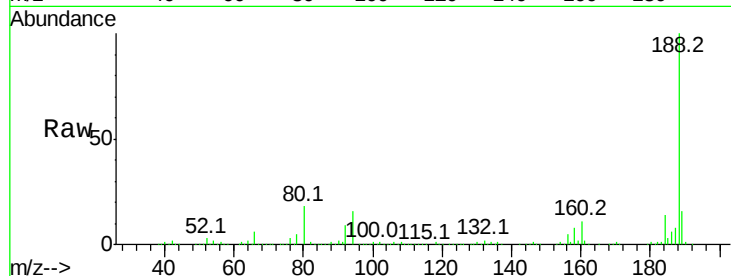




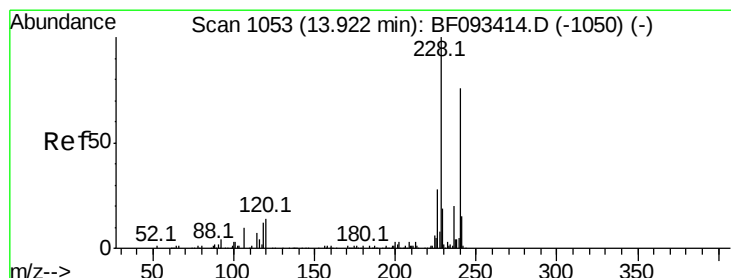
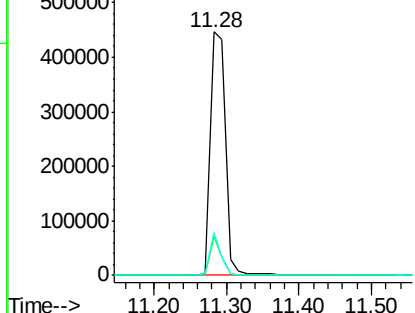
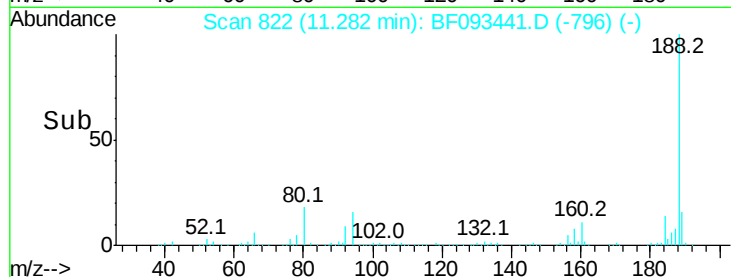
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF093441.D
Acq: 8 Mar 2017 21:07

Instrument :
BNA_F
ClientSampleId :
E2-AAZ-6-7-WSW

Tot Ion:188 Resp: 641255
Ion Ratio Lower Upper
188 100
94 15.8 10.0 15.0#
80 17.8 11.2 16.8#

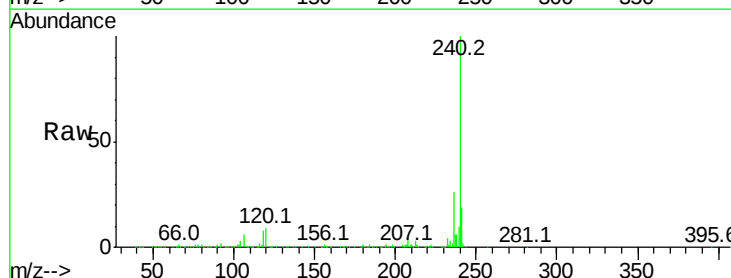


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

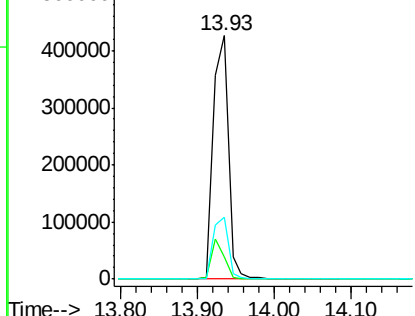
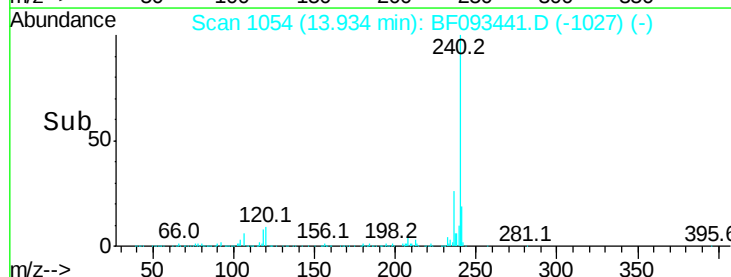


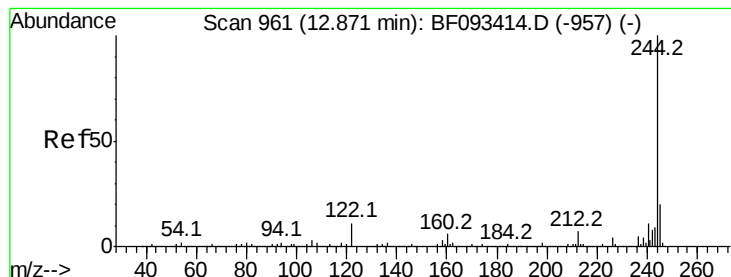
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093441.D
Acq: 8 Mar 2017 21:07

Tgt Ion:240 Resp: 580145
Ion Ratio Lower Upper
240 100
120 9.3 12.9 19.3#
236 25.6 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: 37.36 ng

RT: 12.87 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF093441.D

Acq: 8 Mar 2017 21:07

Instrument :

BNA_F

ClientSampleId :

E2-AAZ-6-7-WSW

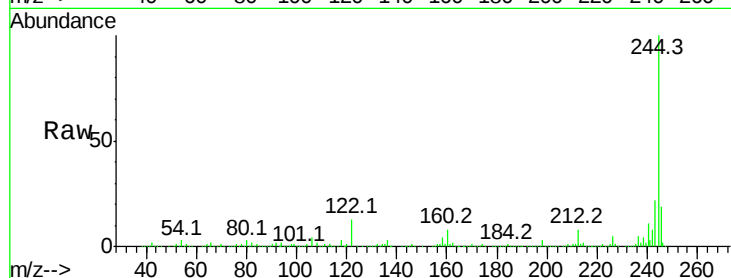
Tot Ion:244 Resp: 833617

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

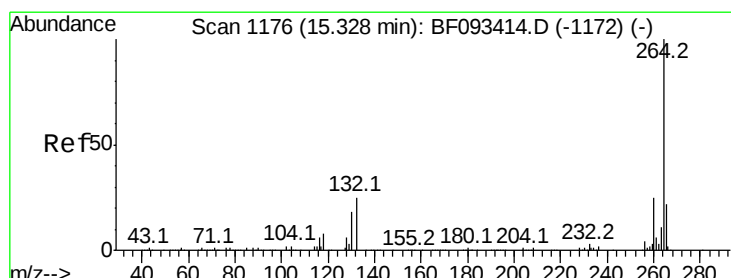
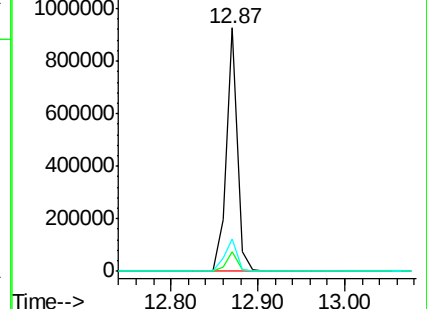
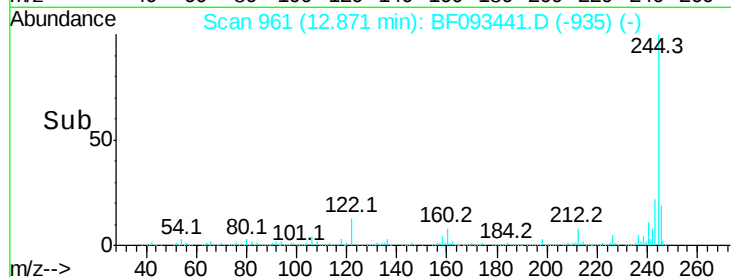
122 13.1 11.4 17.2



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: 15.34 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF093441.D

Acq: 8 Mar 2017 21:07

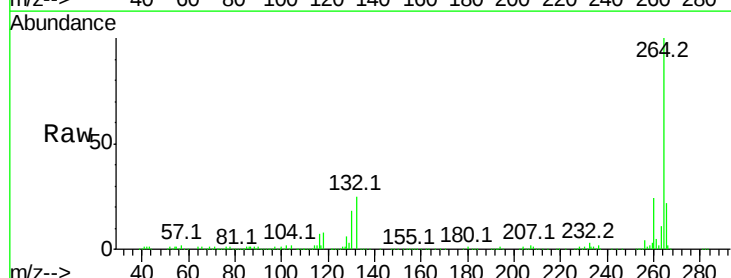
Tgt Ion:264 Resp: 437763

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.1 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

