

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093442.D
 Acq On : 8 Mar 2017 21:34
 Operator : SJ/MA
 Sample : I2159-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Mar 09 00:18:38 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

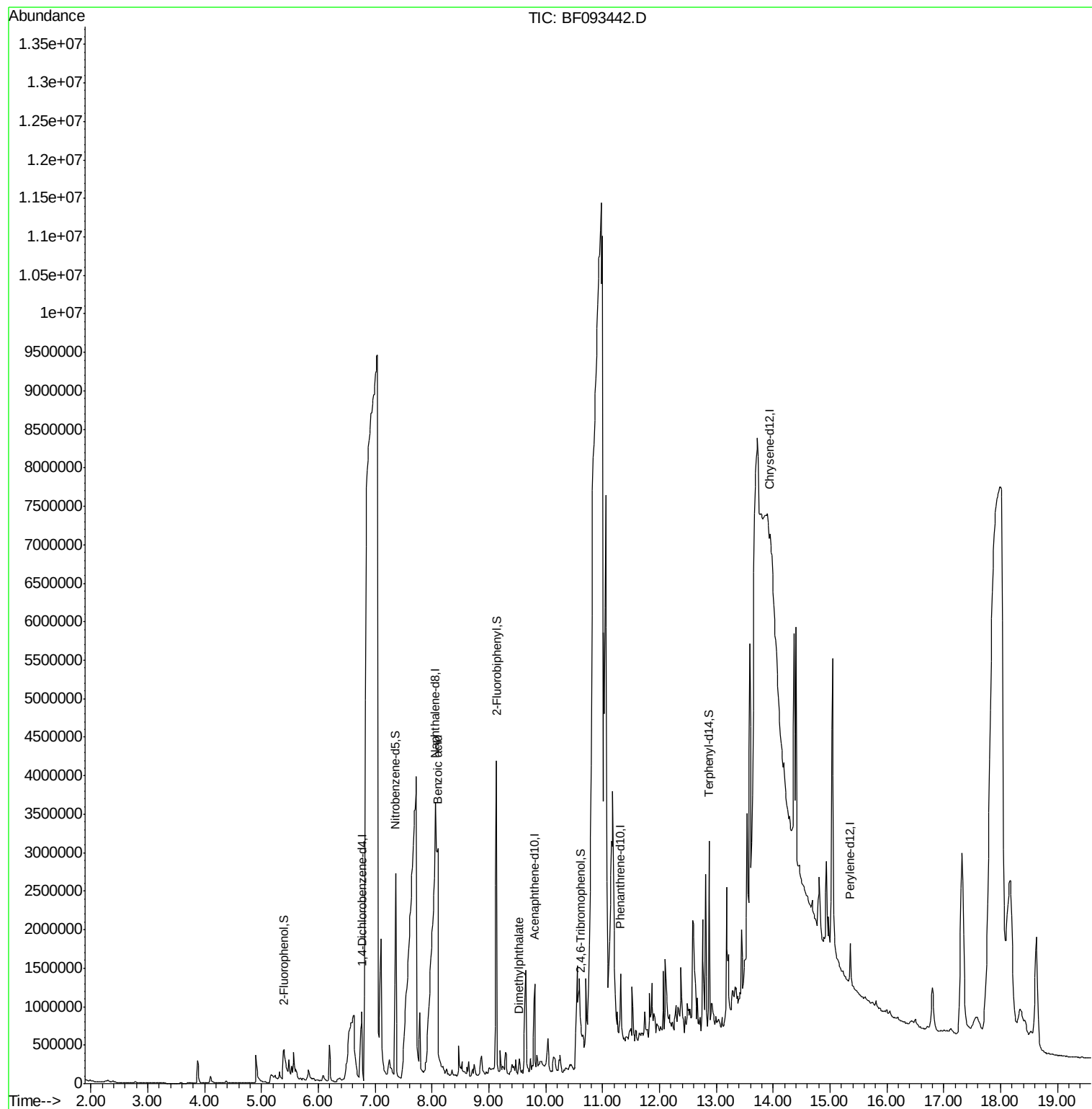
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	176674	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	629784	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	304581	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	497804	20.00	ng	0.03
75) Chrysene-d12	13.95	240	199196	20.00	ng	0.02
86) Perylene-d12	15.35	264	332279	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	504488	47.52	ng	0.05
7) Phenol-d6	6.44	99	14567	1.09	ng	0.02
23) Nitrobenzene-d5	7.36	82	1028852	90.64	ng	0.02
41) 2,4,6-Tribromophenol	10.61	330	197120	99.33	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	1657837	101.24	ng	0.00
78) Terphenyl-d14	12.87	244	1057376	138.01	ng	0.00
Target Compounds						
32) Benzoic acid	8.10	122	3552666	722.08	ng	97
49) Dimethylphthalate	9.53	163	102363	5.07	ng	100

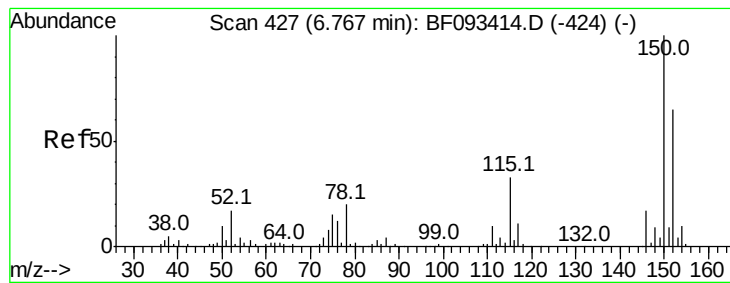
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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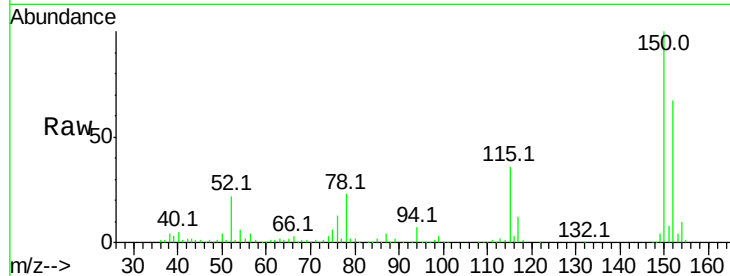


#1

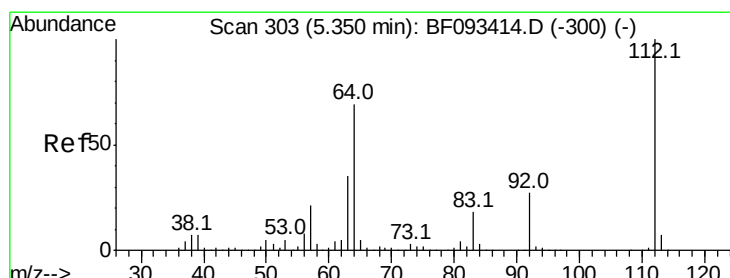
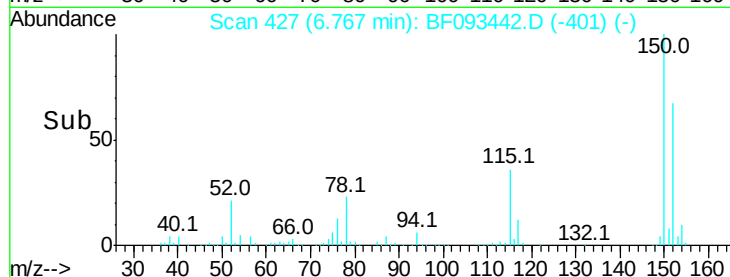
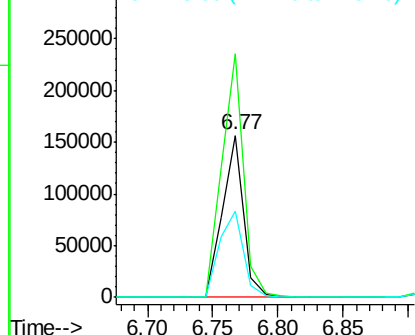
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF093442.D
Acq: 8 Mar 2017 21:34

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion:152 Resp: 176674
Ion Ratio Lower Upper
152 100
150 150.0 124.9 187.3
115 53.4 46.0 69.0



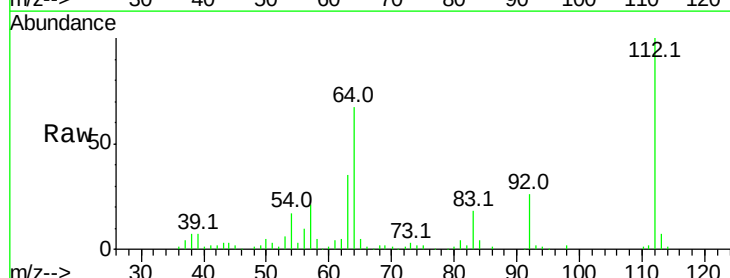
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



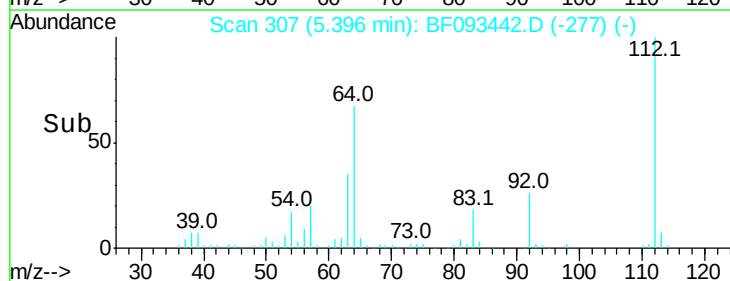
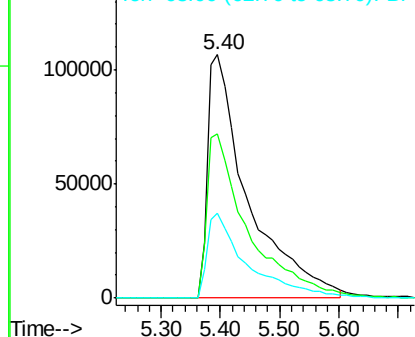
#5

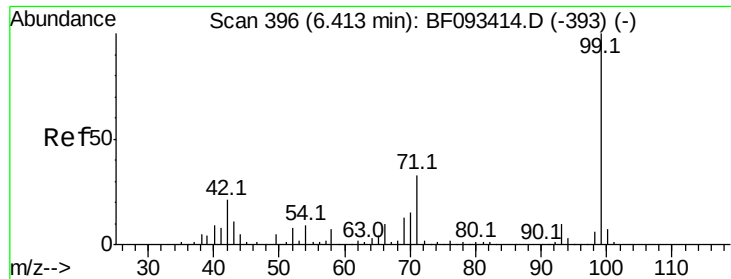
2-Fluorophenol
Concen: 47.52 ng
RT: 5.40 min Scan# 307
Delta R.T. 0.05 min
Lab File: BF093442.D
Acq: 8 Mar 2017 21:34

Tgt Ion:112 Resp: 504488
Ion Ratio Lower Upper
112 100
64 67.3 46.1 69.1
63 34.6 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: 1.09 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.02 min

Lab File: BF093442.D

Acq: 8 Mar 2017 21:34

Instrument :

BNA_F

ClientSampled :

EFF-WW

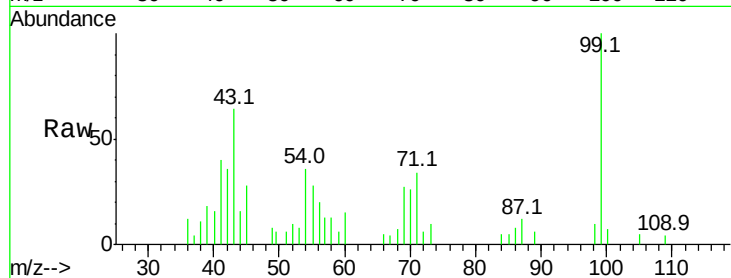
Tot Ion: 99 Resp: 14567

Ion Ratio Lower Upper

99 100

42 36.4 15.6 23.4#

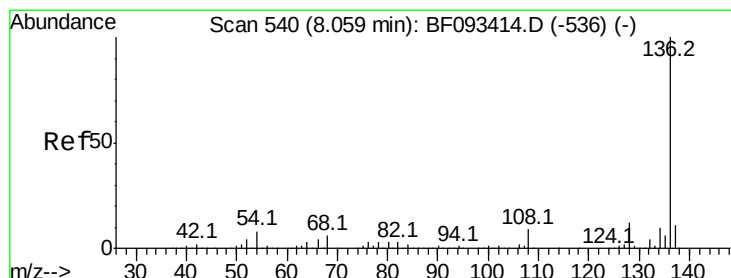
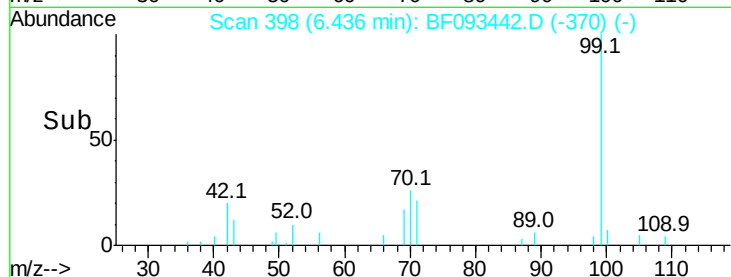
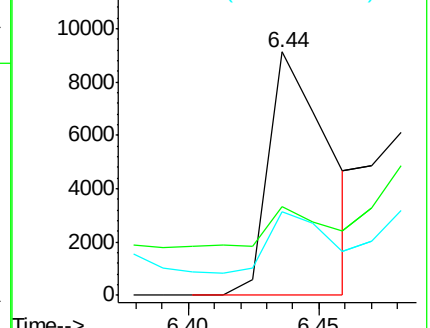
71 34.3 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF093442.D

Acq: 8 Mar 2017 21:34

Tgt Ion: 136 Resp: 629784

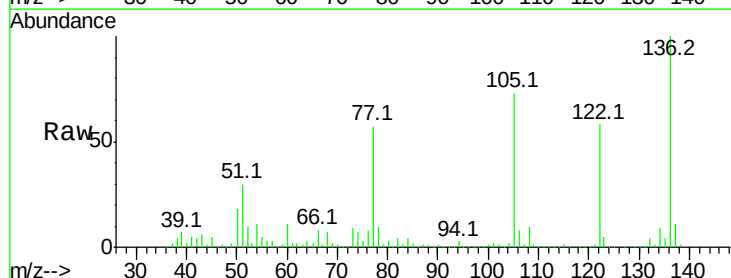
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.6 4.5 6.7#

68 7.4 3.6 5.4#

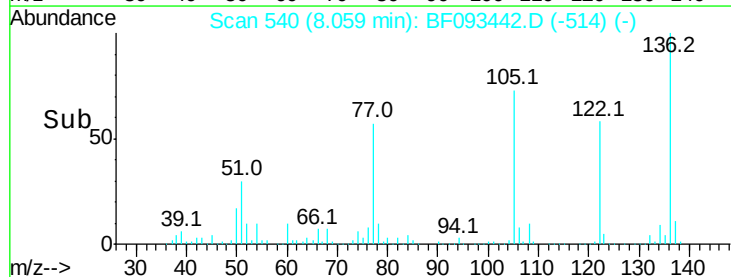
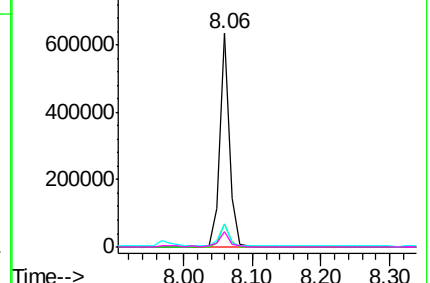


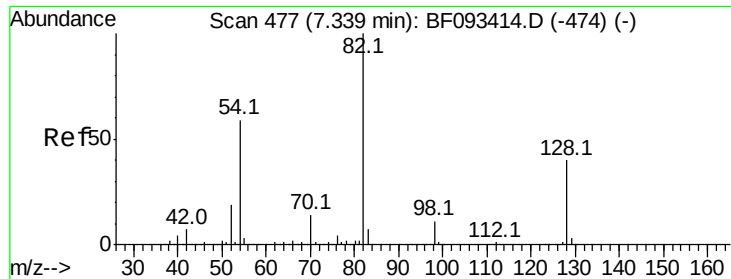
Abundance Ion 136.00 (135.70 to 136.70): E

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



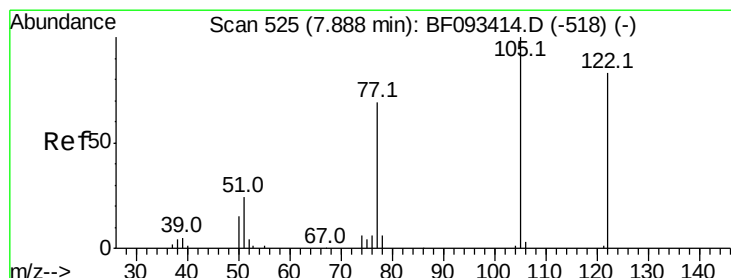
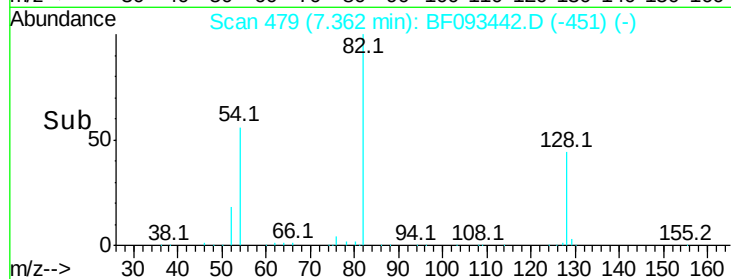
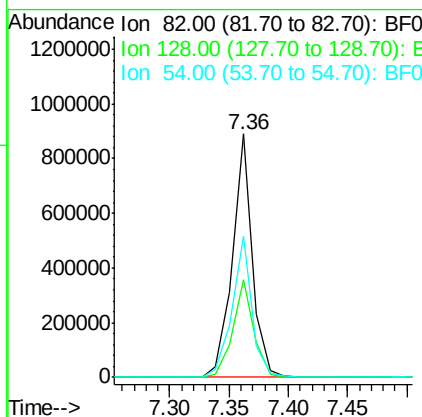
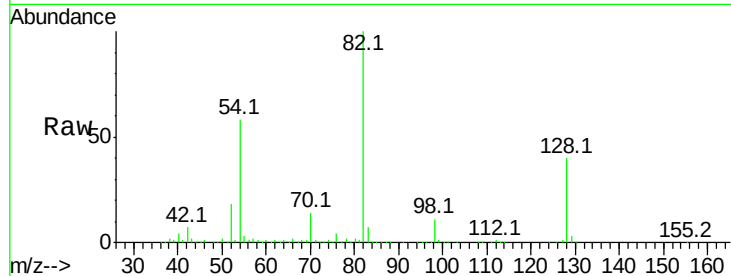


#23
 Nitrobenzene-d5
 Concen: 90.64 ng
 RT: 7.36 min Scan# 479
 Delta R.T. 0.02 min
 Lab File: BF093442.D
 Acq: 8 Mar 2017 21:34

Instrument :
 BNA_F
 ClientSampleID :
 EFF-WW

Tot Ion: 82 Resp: 1028852

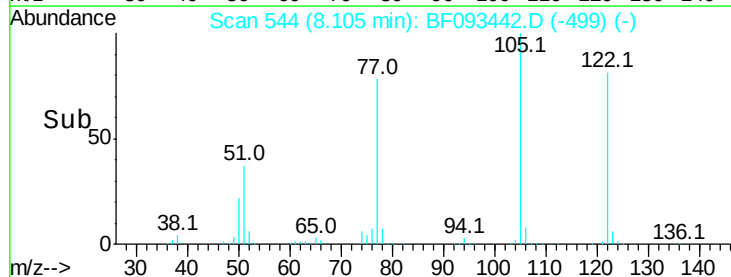
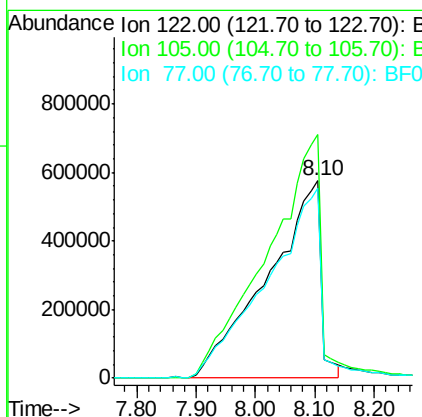
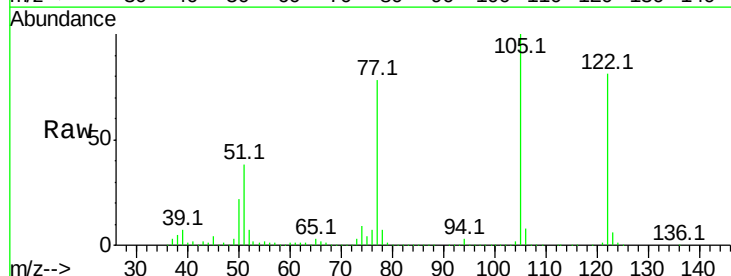
Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	52.0
54	58.2	39.5	59.3

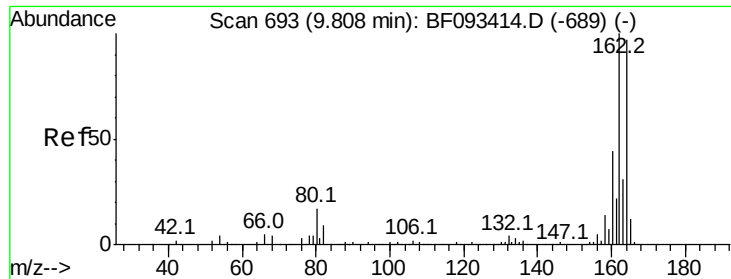


#32
 Benzoic acid
 Concen: 722.08 ng
 RT: 8.10 min Scan# 544
 Delta R.T. 0.22 min
 Lab File: BF093442.D
 Acq: 8 Mar 2017 21:34

Tgt Ion:122 Resp: 3552666

Ion	Ratio	Lower	Upper
122	100		
105	123.5	107.2	147.2
77	96.2	74.5	114.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF093442.D

Acq: 8 Mar 2017 21:34

Instrument :

BNA_F

ClientSampleId :

EFF-WW

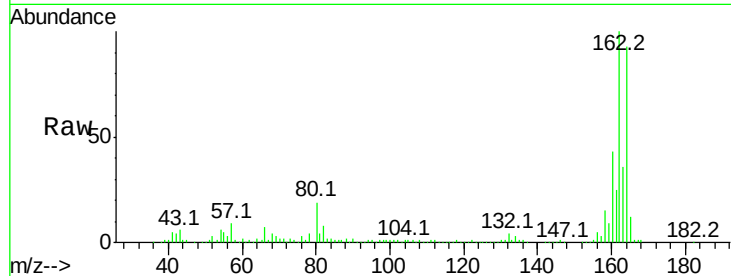
Tot Ion:164 Resp: 304581

Ion Ratio Lower Upper

164 100

162 107.5 80.2 120.2

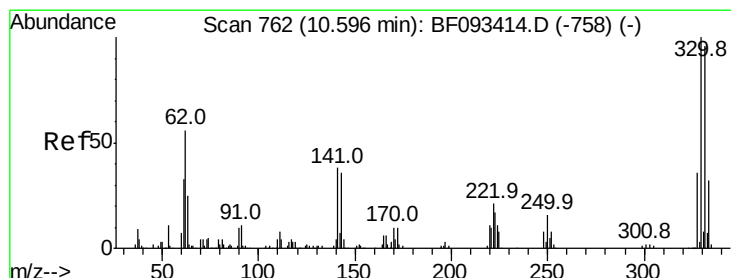
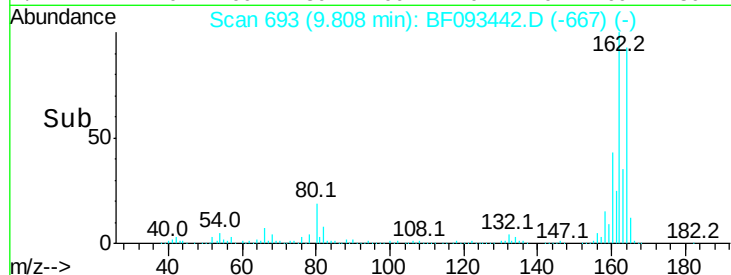
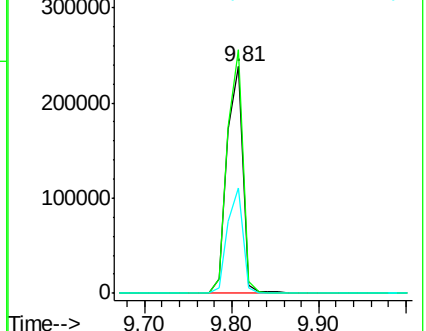
160 46.6 36.9 55.3



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: 99.33 ng

RT: 10.61 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF093442.D

Acq: 8 Mar 2017 21:34

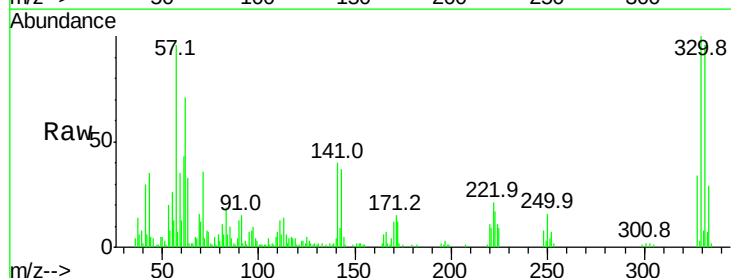
Tgt Ion:330 Resp: 197120

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

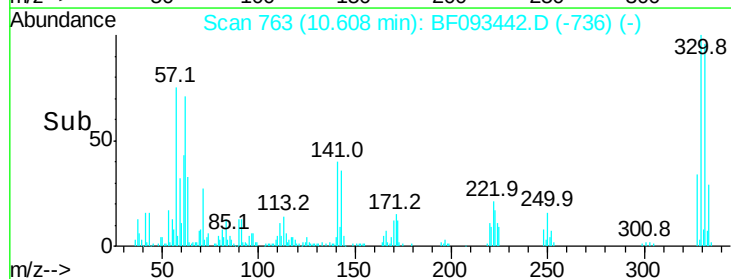
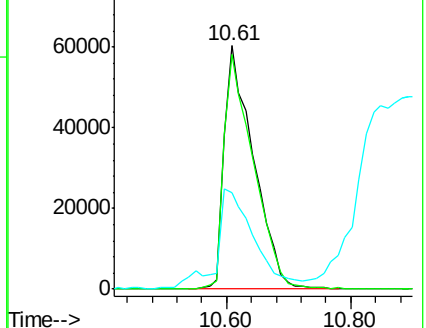
141 41.3 34.1 51.1

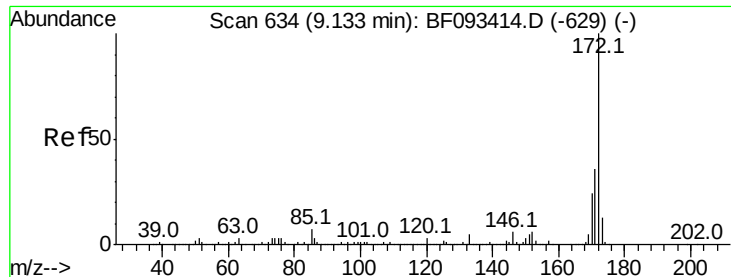


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 101.24 ng

RT: 9.13 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF093442.D

Acq: 8 Mar 2017 21:34

Instrument :

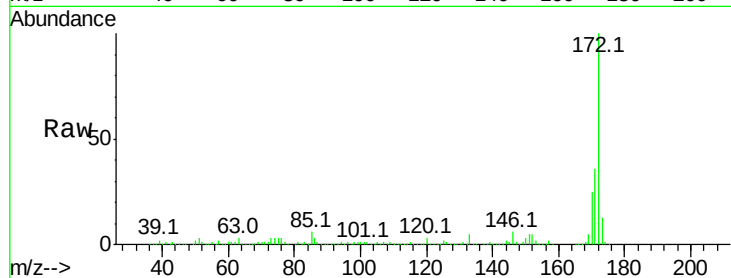
BNA_F

ClientSampleId :

EFF-WW

Tot Ion:172 Resp: 1657837

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.9	20.2	30.4

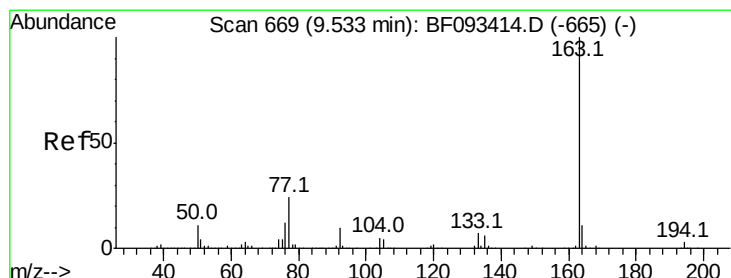
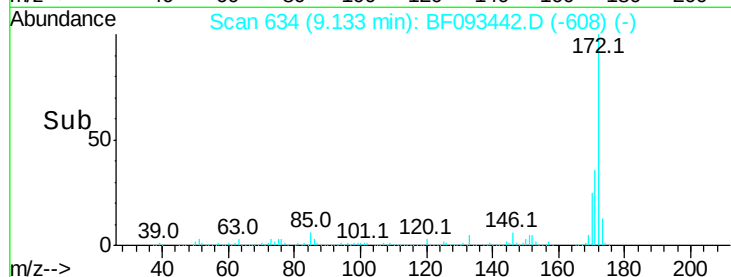
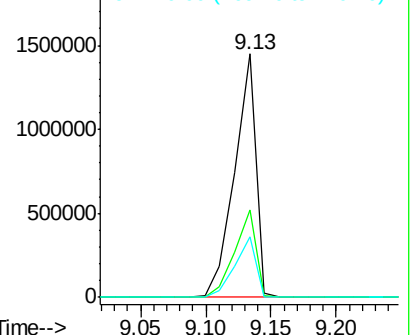


Abundance

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: 5.07 ng

RT: 9.53 min Scan# 669

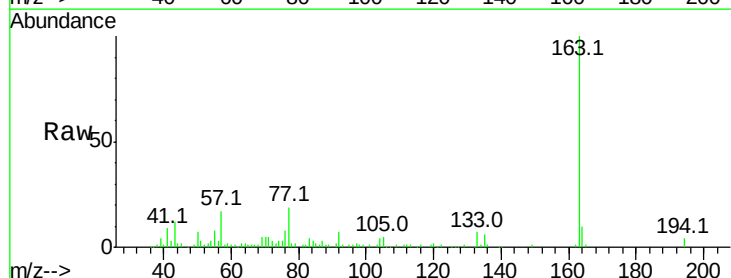
Delta R.T. 0.00 min

Lab File: BF093442.D

Acq: 8 Mar 2017 21:34

Tgt Ion:163 Resp: 102363

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.1	8.0	12.0

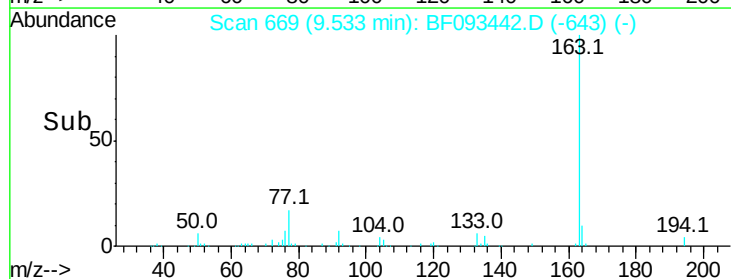
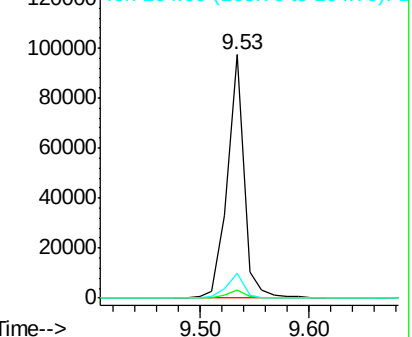


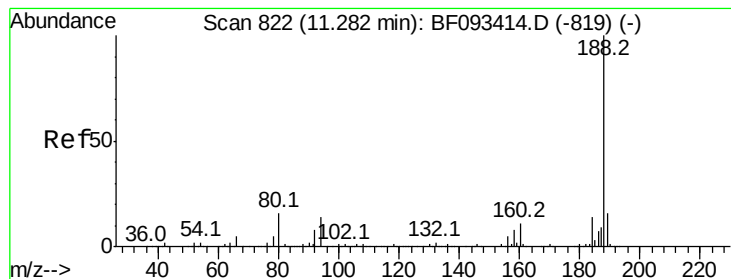
Abundance

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: 11.32 min Scan# 825

Delta R.T. 0.03 min

Lab File: BF093442.D

Acq: 8 Mar 2017 21:34

Instrument :

BNA_F

ClientSampleId :

EFF-WW

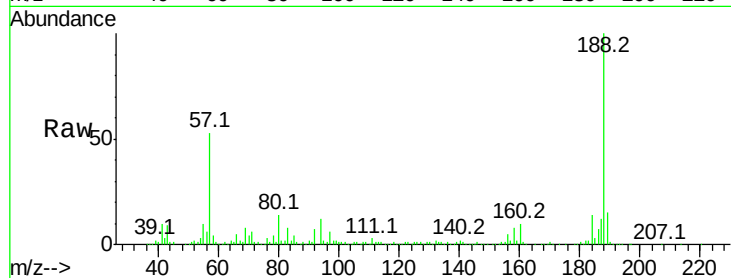
Tot Ion:188 Resp: 497804

Ion Ratio Lower Upper

188 100

94 12.1 10.0 15.0

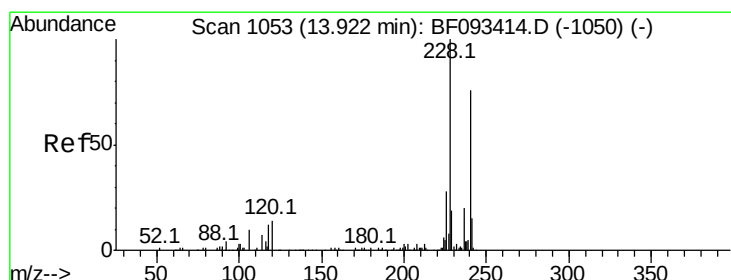
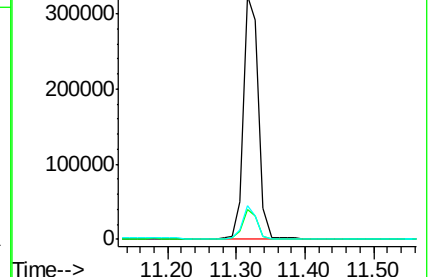
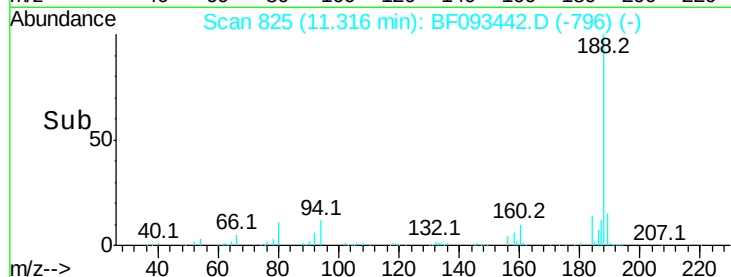
80 13.9 11.2 16.8



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: 13.95 min Scan# 1055

Delta R.T. 0.02 min

Lab File: BF093442.D

Acq: 8 Mar 2017 21:34

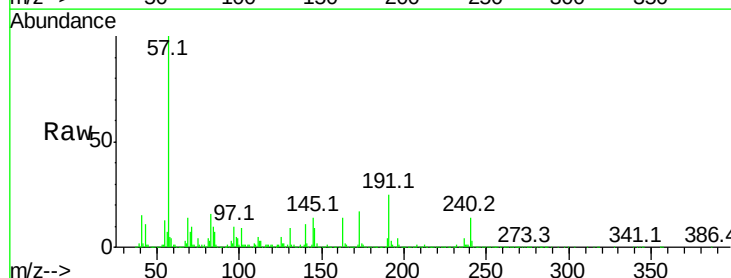
Tgt Ion:240 Resp: 199196

Ion Ratio Lower Upper

240 100

120 9.5 12.9 19.3#

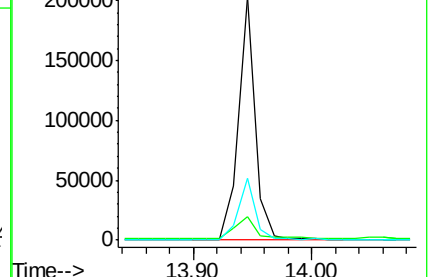
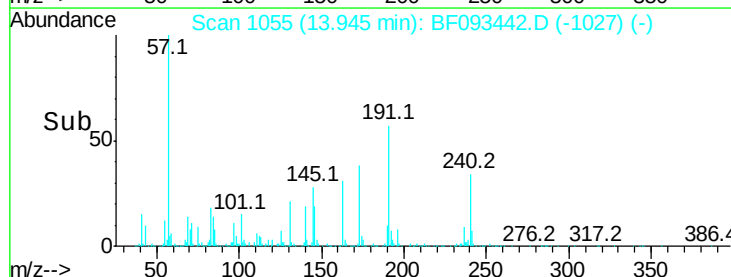
236 25.6 20.9 31.3

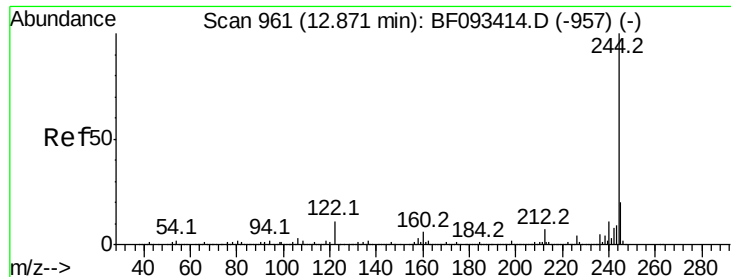


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 138.01 ng

RT: 12.87 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF093442.D

Acq: 8 Mar 2017 21:34

Instrument :

BNA_F

ClientSampleId :

EFF-WW

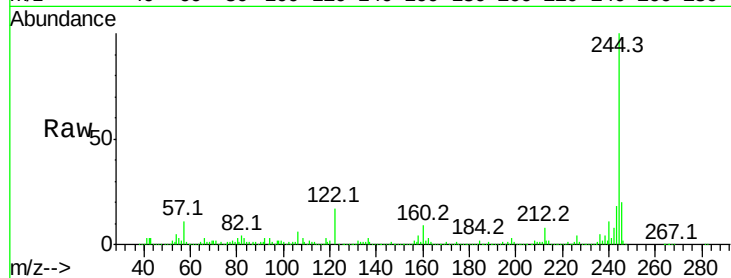
Tot Ion:244 Resp: 1057376

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

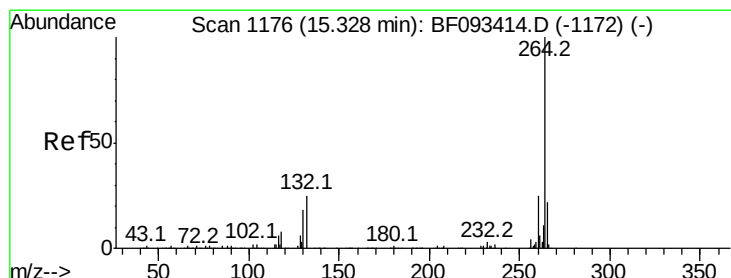
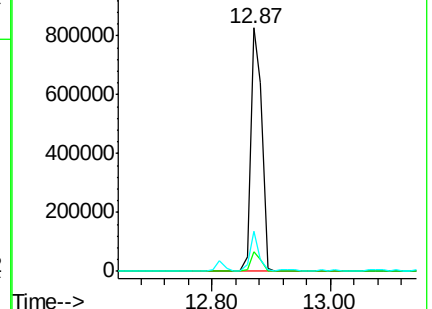
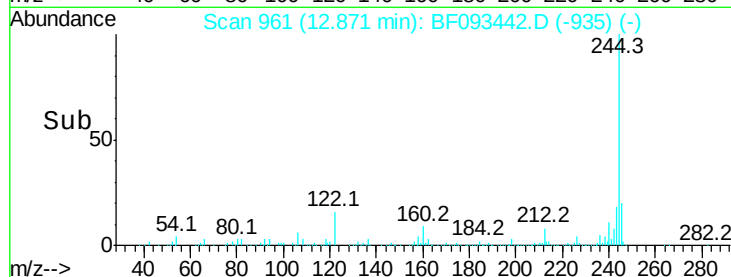
122 16.6 11.4 17.2



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: 15.35 min Scan# 1178

Delta R.T. 0.02 min

Lab File: BF093442.D

Acq: 8 Mar 2017 21:34

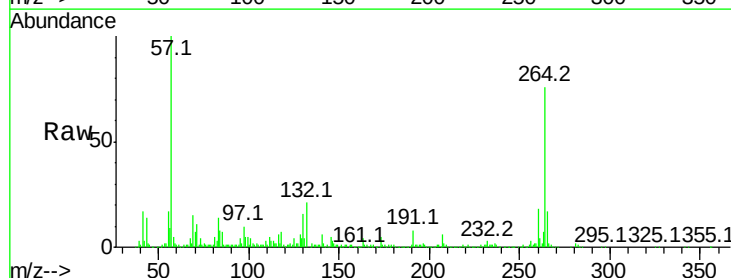
Tgt Ion:264 Resp: 332279

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.3 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

