

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030617\
 Data File : BF093401.D
 Acq On : 6 Mar 2017 15:28
 Operator : SJ/MA
 Sample : I2076-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 39A-7-9

Quant Time: Mar 06 16:14:54 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

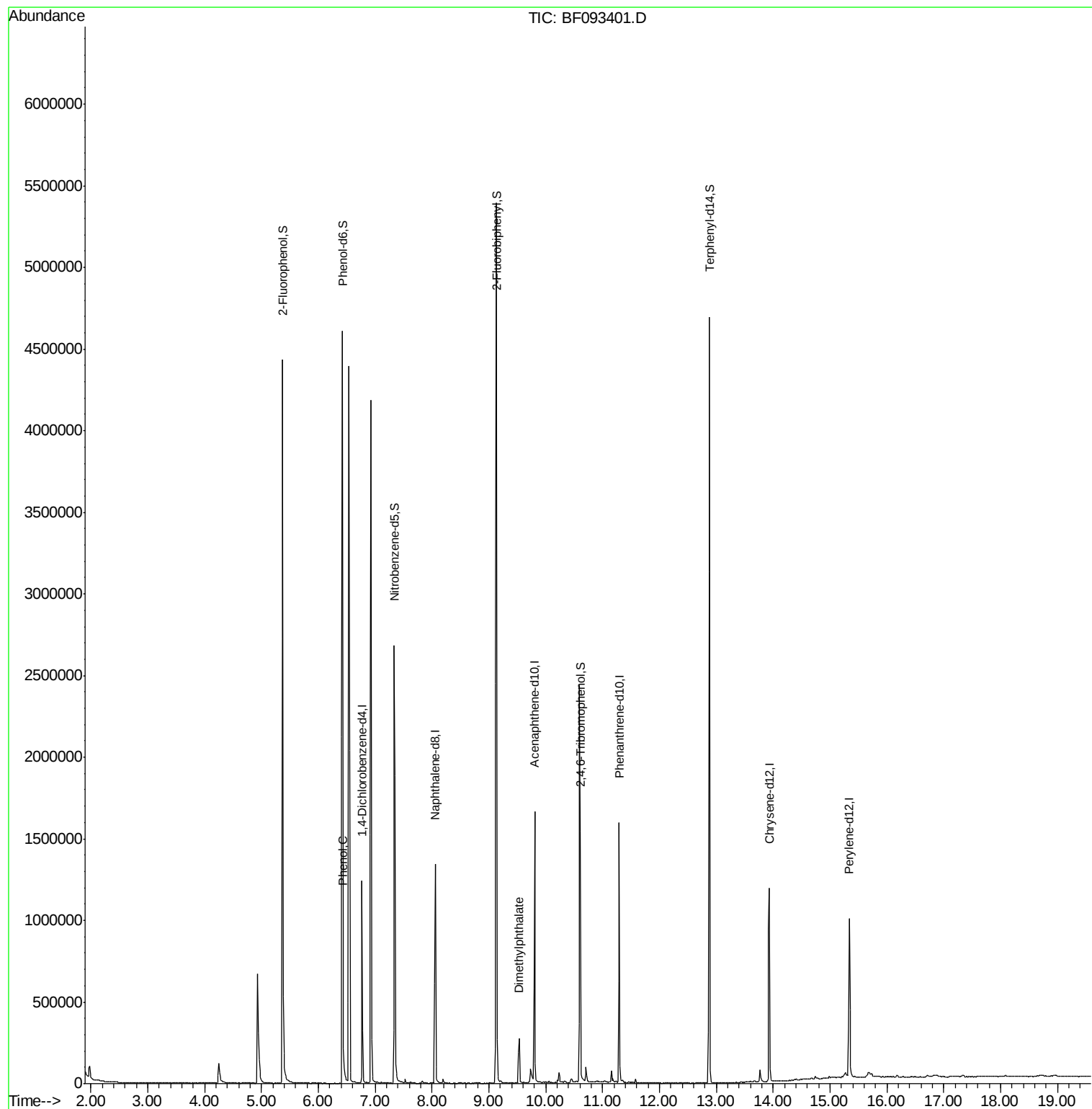
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	183589m	20.00	ng	-0.09
21) Naphthalene-d8	8.06	136	716579	20.00	ng	-0.09
38) Acenaphthene-d10	9.81	164	344984	20.00	ng	-0.09
63) Phenanthrene-d10	11.29	188	637107	20.00	ng	-0.09
75) Chrysene-d12	13.93	240	558757	20.00	ng	-0.09
86) Perylene-d12	15.34	264	426302	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1562490	146.01	ng	-0.07
7) Phenol-d6	6.42	99	1825146	132.56	ng	-0.06
23) Nitrobenzene-d5	7.34	82	1209112	93.96	ng	-0.09
41) 2,4,6-Tribromophenol	10.61	330	397338	159.24	ng	-0.07
44) 2-Fluorobiphenyl	9.13	172	1912805	100.45	ng	-0.09
78) Terphenyl-d14	12.88	244	1807661	76.02	ng	-0.09
Target Compounds						
10) Phenol	6.44	94	146281	9.08	ng	Qvalue # 71
49) Dimethylphthalate	9.53	163	155916	6.71	ng	100

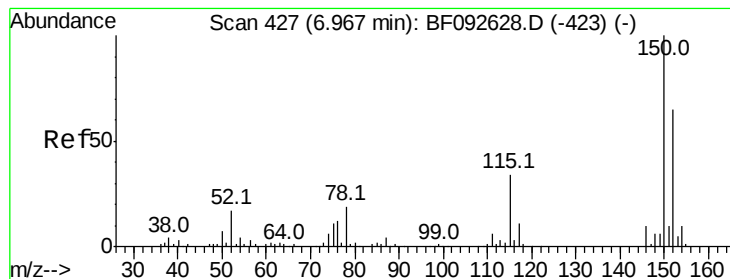
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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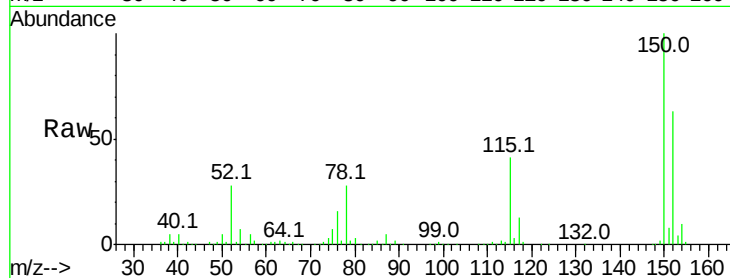


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng/mL
 RT: 6.77 min Scan# 427
 Delta R.T. -0.09 min
 Lab File: BF093401.D
 Acq: 6 Mar 2017 15:28

Instrument :
 BNA_F
 ClientSampleId :
 39A-7-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.9	187.3
115	64.3	46.0	69.0

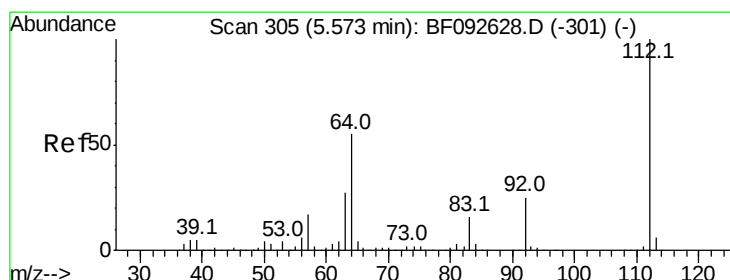
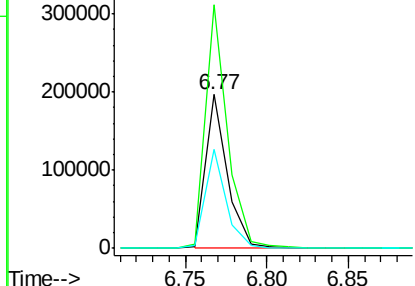
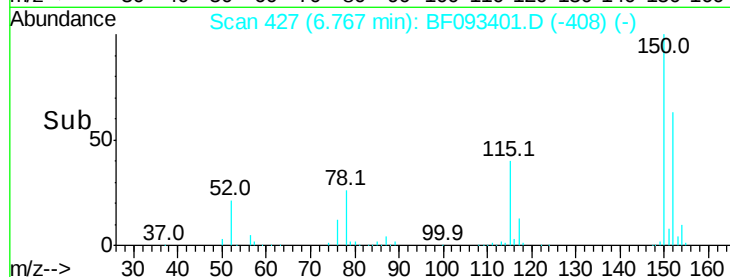


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

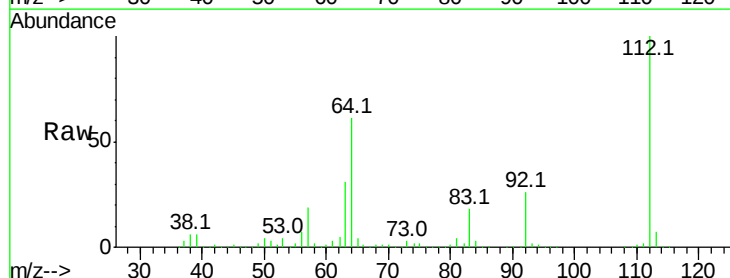
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 146.01 ng
 RT: 5.37 min Scan# 305
 Delta R.T. -0.07 min
 Lab File: BF093401.D
 Acq: 6 Mar 2017 15:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	46.1	69.1
63	31.3	23.8	35.6

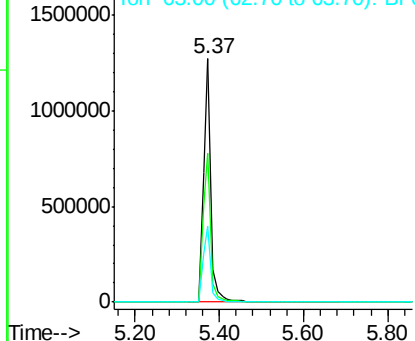
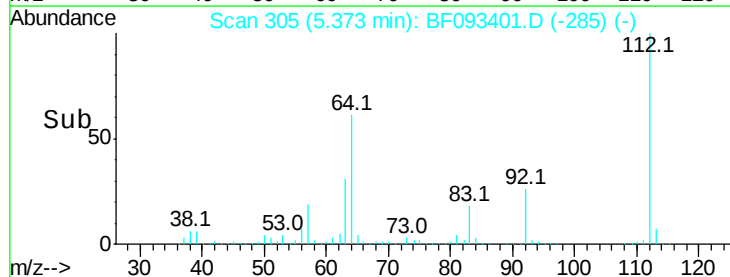


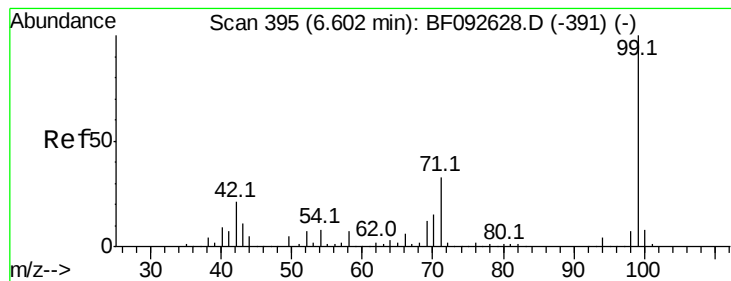
Abundance

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: 132.56 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.06 min

Lab File: BF093401.D

Acq: 6 Mar 2017 15:28

Instrument :

BNA_F

ClientSampleId :

39A-7-9

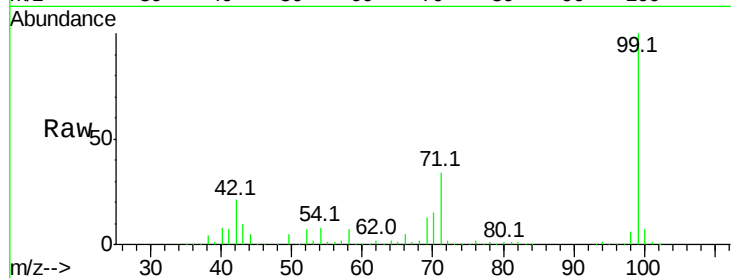
Tot Ion: 99 Resp: 1825146

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

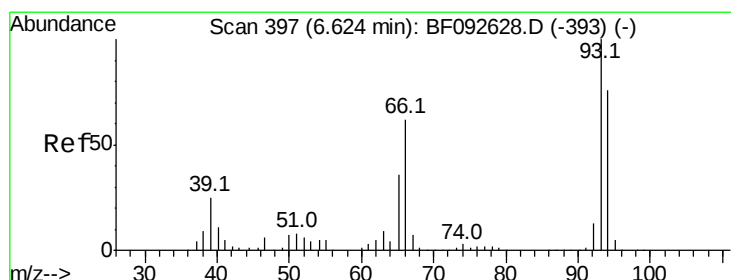
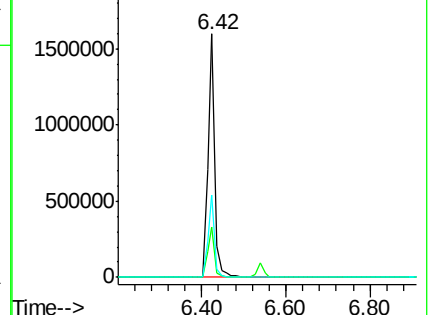
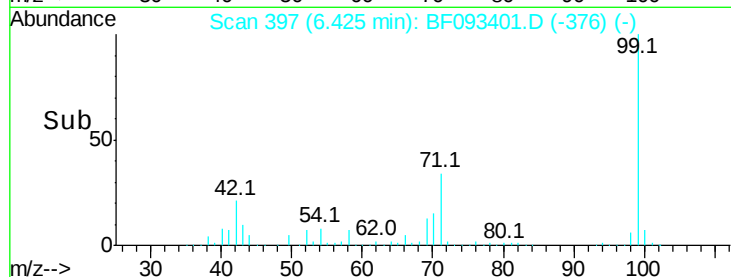
71 33.8 27.5 41.3



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: 9.08 ng

RT: 6.44 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF093401.D

Acq: 6 Mar 2017 15:28

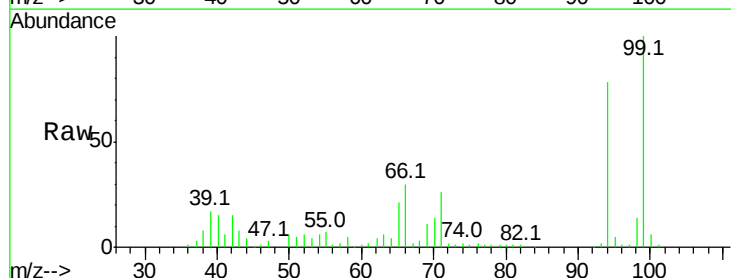
Tgt Ion: 94 Resp: 146281

Ion Ratio Lower Upper

94 100

65 27.1 21.4 61.4

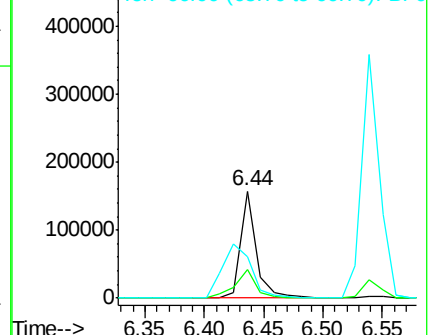
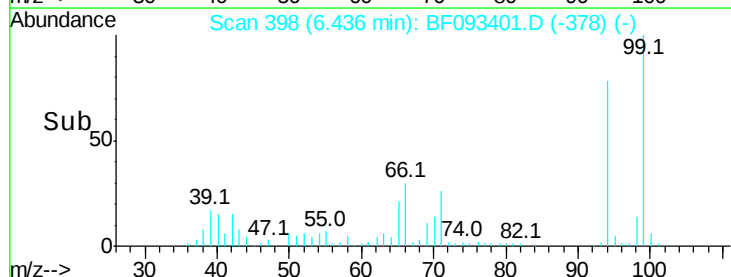
66 38.0 44.0 84.0#

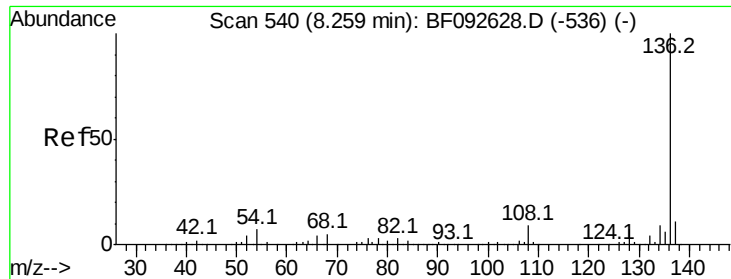


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

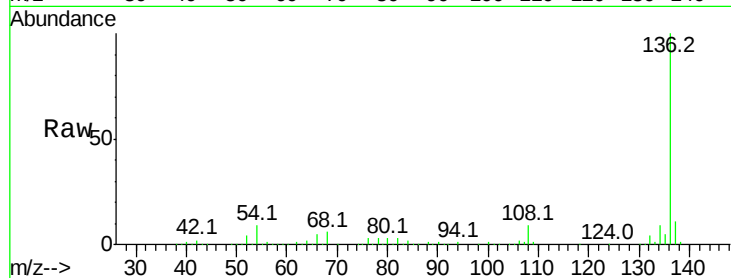




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.09 min
Lab File: BF093401.D
Acq: 6 Mar 2017 15:28

Instrument :
BNA_F
ClientSampleId :
39A-7-9

Tot Ion:	136	Resp:	716579
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.5	4.5	6.7#
68	6.1	3.6	5.4#

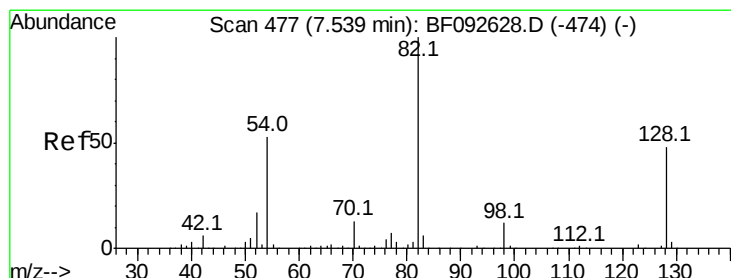
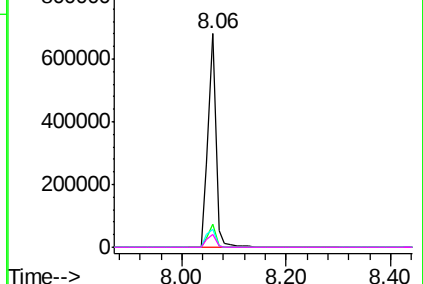
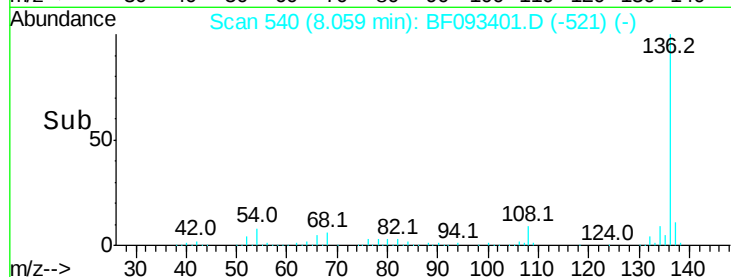


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

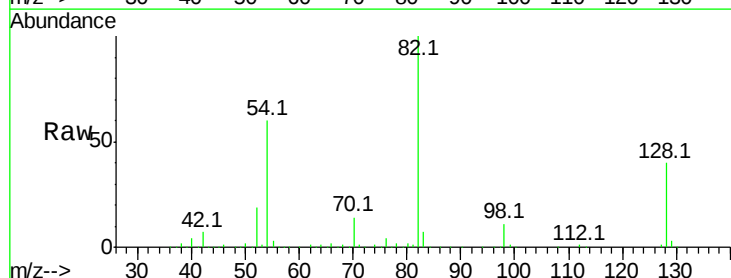
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23
Nitrobenzene-d5
Concen: 93.96 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.09 min
Lab File: BF093401.D
Acq: 6 Mar 2017 15:28

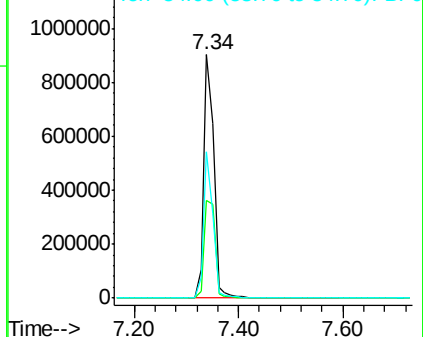
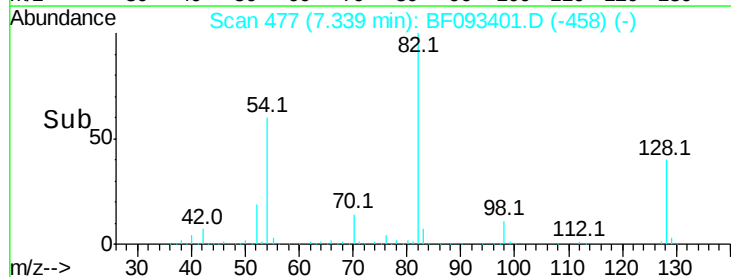
Tgt Ion:	82	Resp:	1209112
Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	52.0
54	60.0	39.5	59.3#

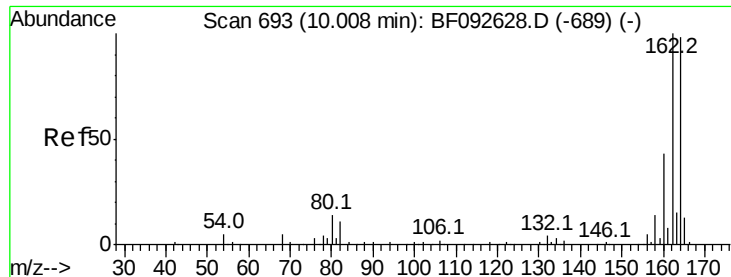


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0

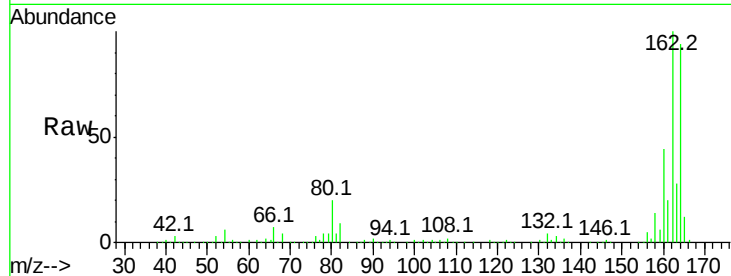




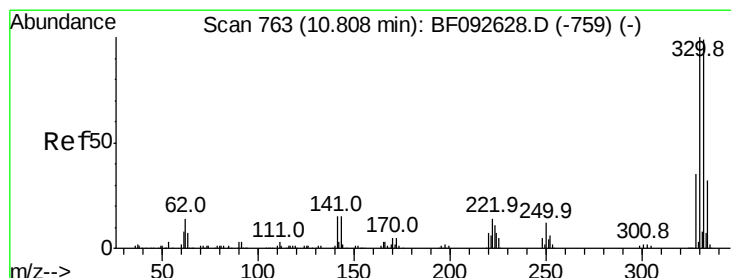
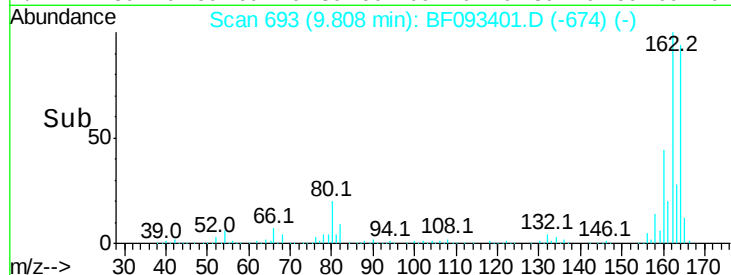
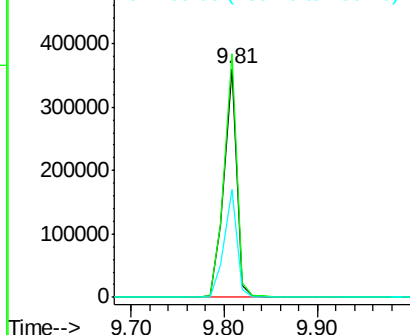
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.09 min
Lab File: BF093401.D
Acq: 6 Mar 2017 15:28

Instrument :
BNA_F
ClientSampleId :
39A-7-9

Tot Ion:164 Resp: 344984
Ion Ratio Lower Upper
164 100
162 106.5 80.2 120.2
160 47.0 36.9 55.3

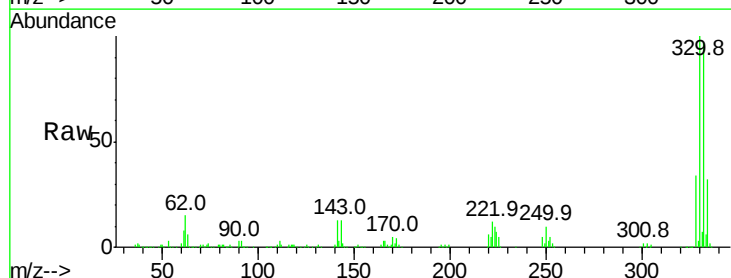


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

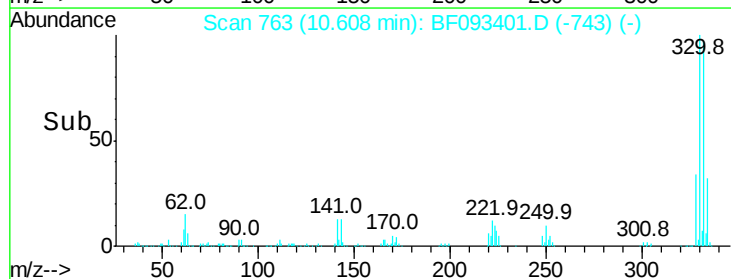
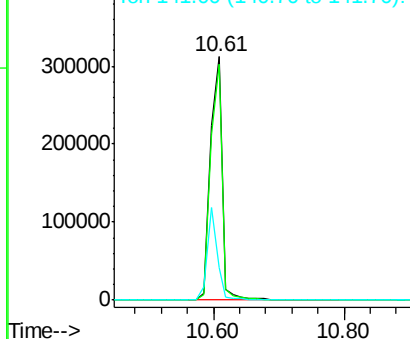


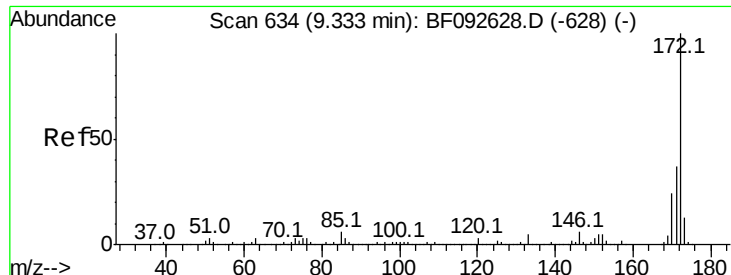
#41
2,4,6-Tribromophenol
Concen: 159.24 ng
RT: 10.61 min Scan# 763
Delta R.T. -0.07 min
Lab File: BF093401.D
Acq: 6 Mar 2017 15:28

Tgt Ion:330 Resp: 397338
Ion Ratio Lower Upper
330 100
332 96.4 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

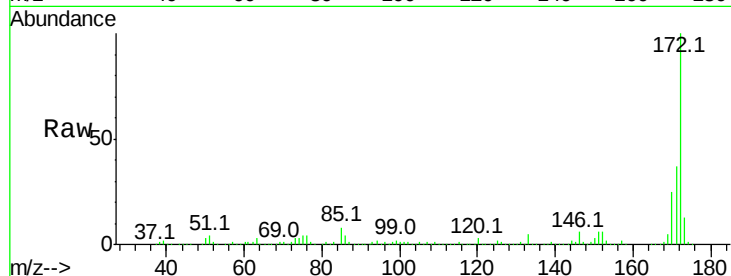




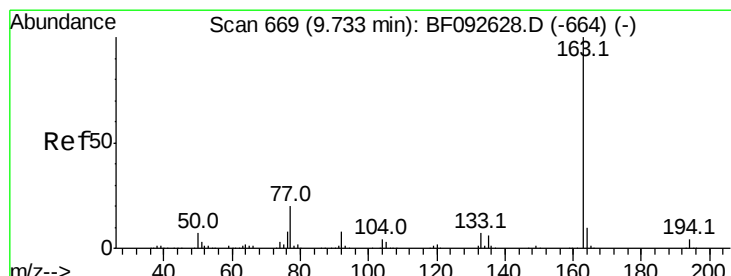
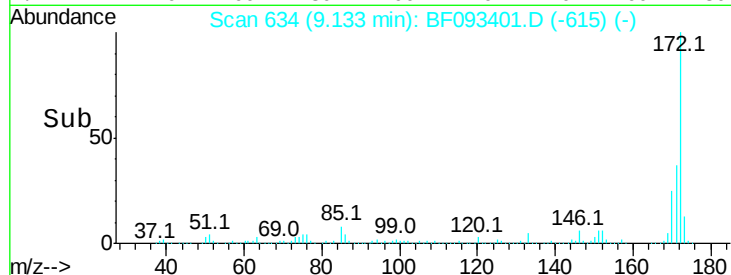
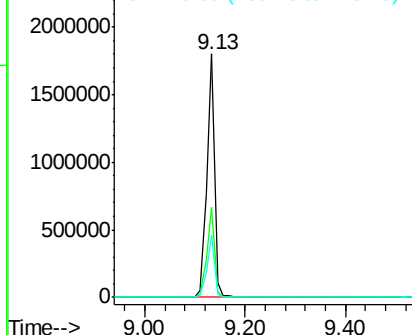
#44
2-Fluorobiphenyl
Concen: 100.45 ng
RT: 9.13 min Scan# 634
Delta R.T. -0.09 min
Lab File: BF093401.D
Acq: 6 Mar 2017 15:28

Instrument :
BNA_F
ClientSampleId :
39A-7-9

Tot Ion:172 Resp: 1912805
Ion Ratio Lower Upper
172 100
171 37.0 29.4 44.0
170 25.2 20.2 30.4

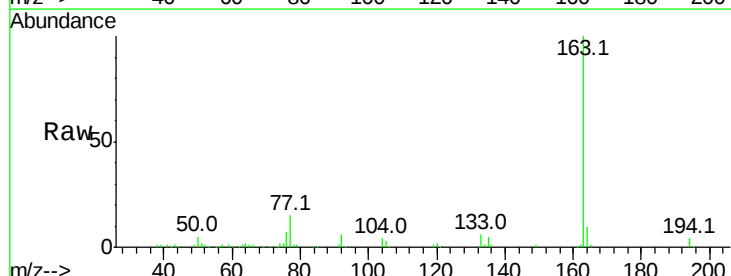


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

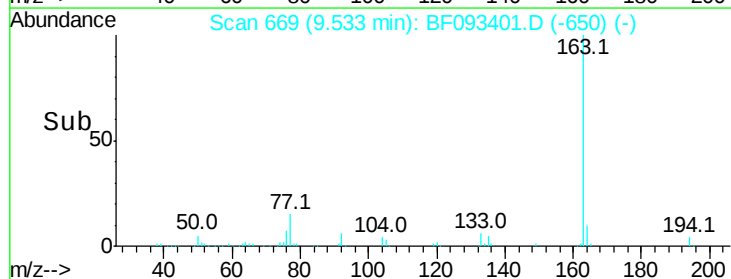
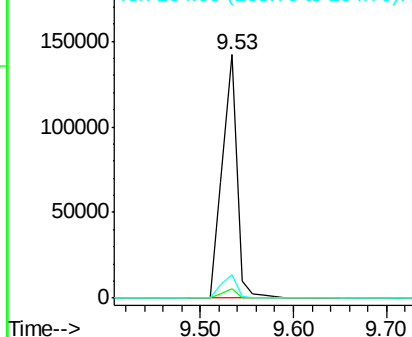


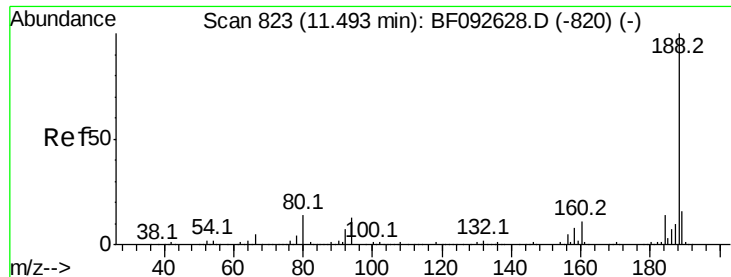
#49
Dimethylphthalate
Concen: 6.71 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.09 min
Lab File: BF093401.D
Acq: 6 Mar 2017 15:28

Tgt Ion:163 Resp: 155916
Ion Ratio Lower Upper
163 100
194 3.8 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

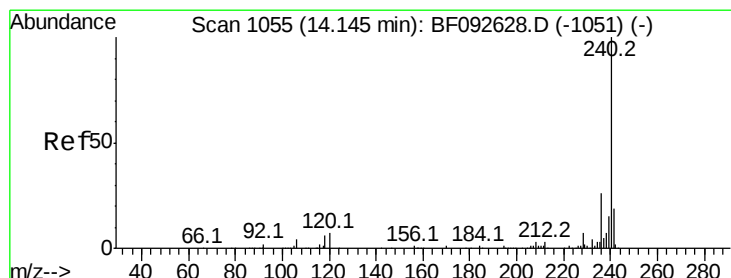
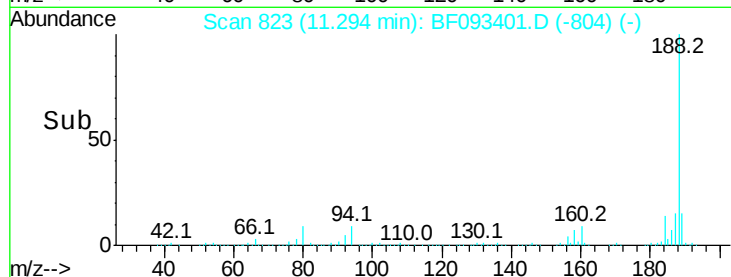
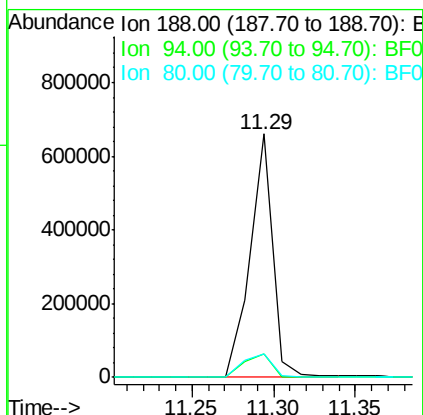
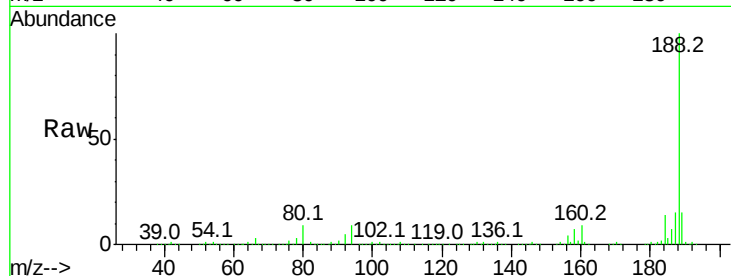




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. -0.09 min
Lab File: BF093401.D
Acq: 6 Mar 2017 15:28

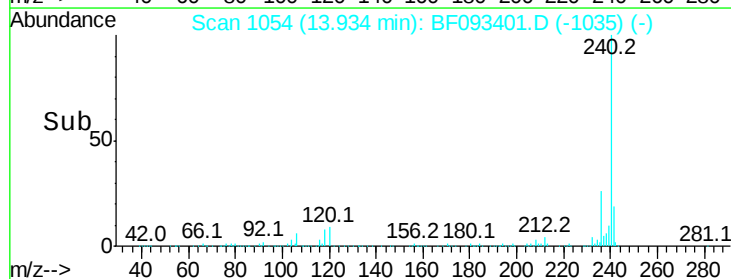
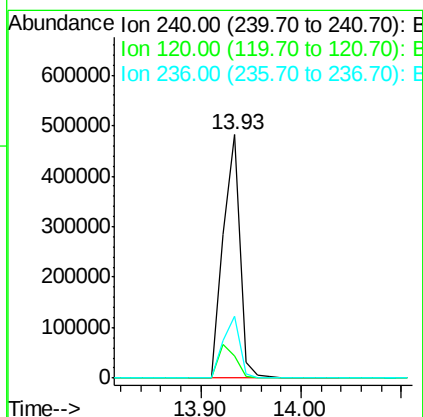
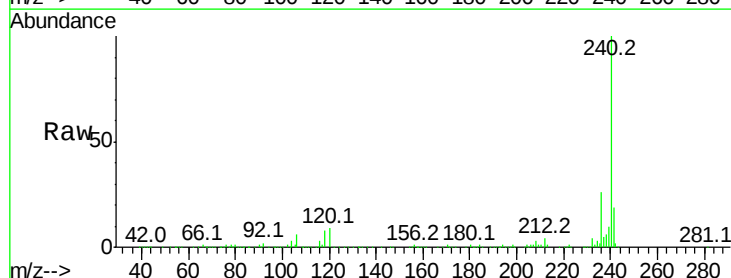
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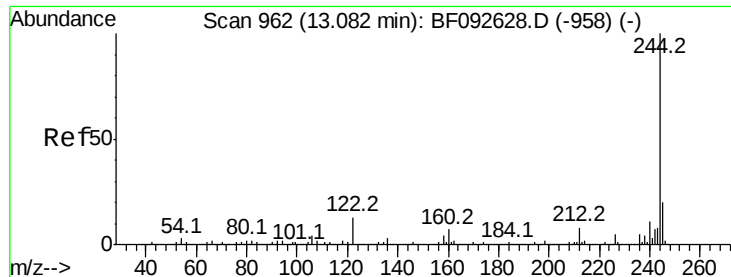
Tot Ion:188 Resp: 637107
Ion Ratio Lower Upper
188 100
94 9.4 10.0 15.0#
80 9.5 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. -0.09 min
Lab File: BF093401.D
Acq: 6 Mar 2017 15:28

Tgt Ion:240 Resp: 558757
Ion Ratio Lower Upper
240 100
120 9.3 12.9 19.3#
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 76.02 ng

RT: 12.88 min Scan# 962

Delta R.T. -0.09 min

Lab File: BF093401.D

Acq: 6 Mar 2017 15:28

Instrument :

BNA_F

ClientSampleId :

39A-7-9

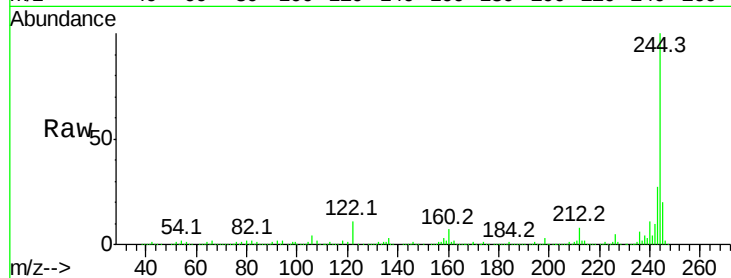
Tot Ion:244 Resp: 1807661

Ion Ratio Lower Upper

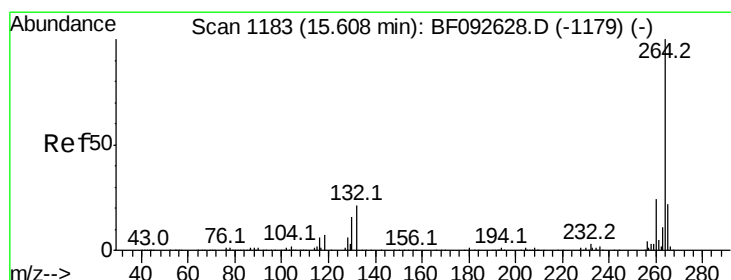
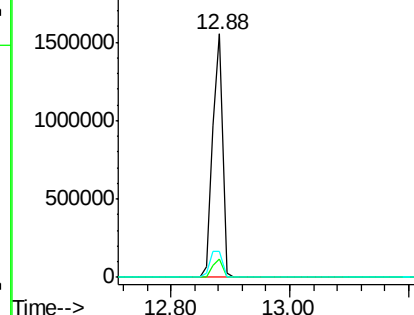
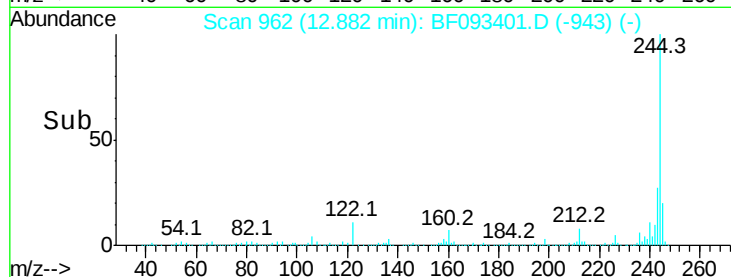
244 100

212 7.7 6.2 9.2

122 10.9 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: 15.34 min Scan# 1177

Delta R.T. -0.11 min

Lab File: BF093401.D

Acq: 6 Mar 2017 15:28

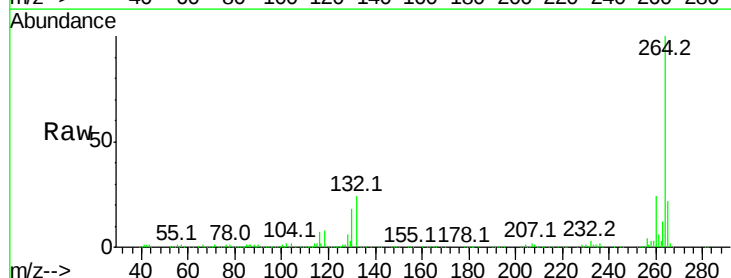
Tgt Ion:264 Resp: 426302

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.7 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

