

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093116.D
 Acq On : 23 Feb 2017 20:45
 Operator : SJ/MA
 Sample : I1954-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-03(10-15)

Quant Time: Feb 24 00:23:11 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

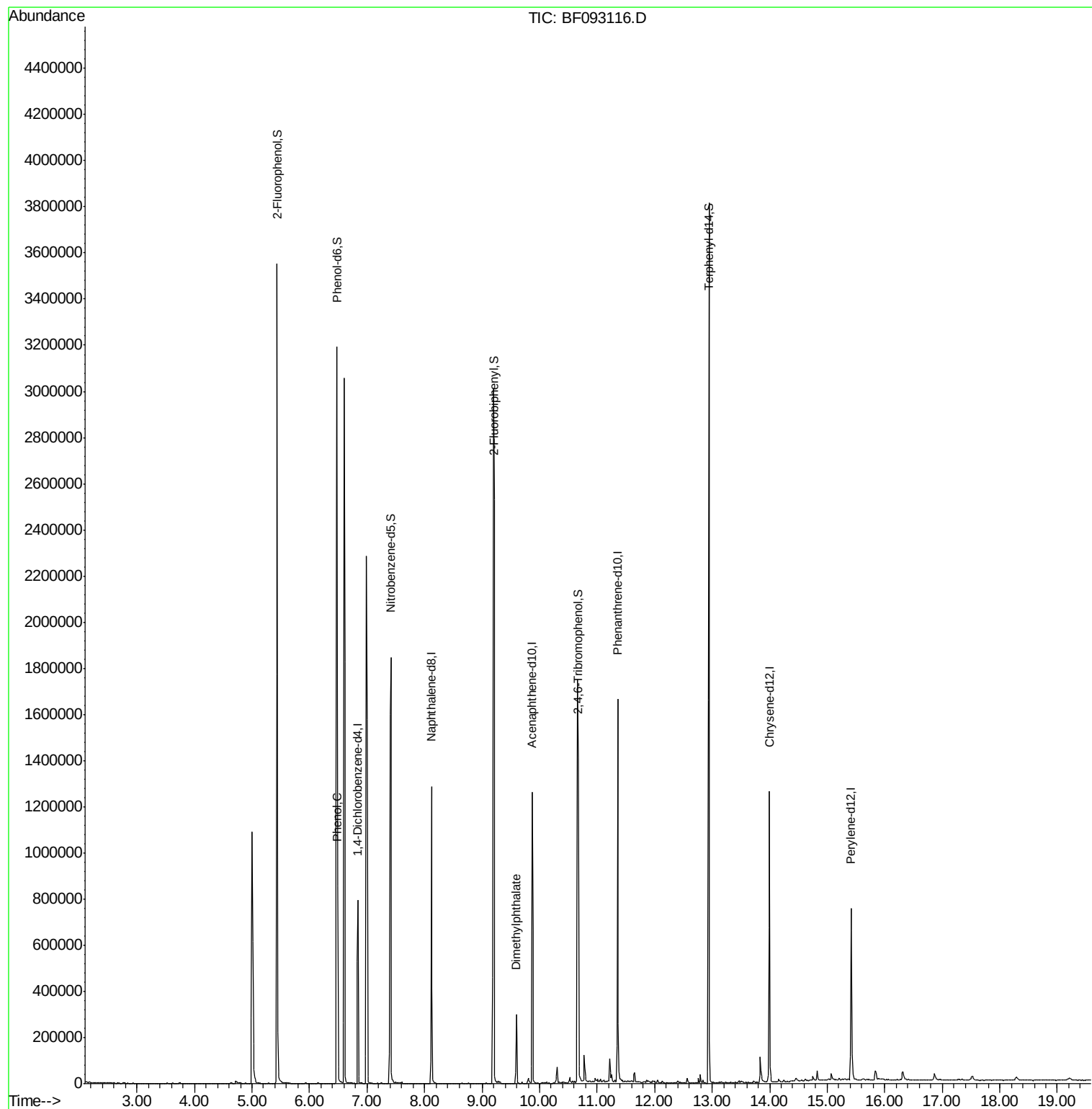
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	158954	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	611629	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	292568	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	570801	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	509056	20.00	ng	-0.02
86) Perylene-d12	15.41	264	385047	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1095093	118.20	ng	-0.01
7) Phenol-d6	6.48	99	1225429	102.79	ng	-0.01
23) Nitrobenzene-d5	7.41	82	868653	79.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	302308	142.87	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1478350	91.54	ng	-0.01
78) Terphenyl-d14	12.95	244	1271131	58.67	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	59689	4.28	ng	84
49) Dimethylphthalate	9.60	163	120396	6.11	ng	100

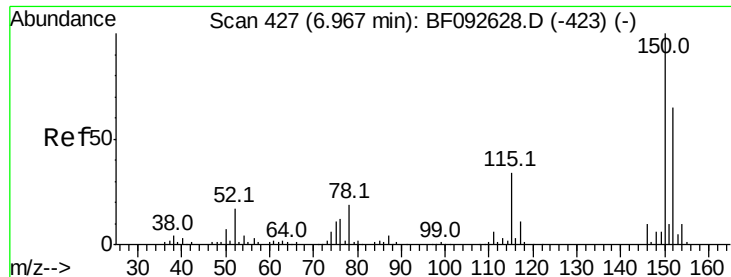
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093116.D

Acq: 23 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

CLP-S-03(10-15)

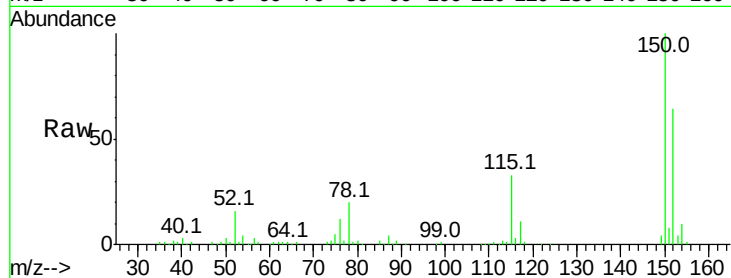
Tot Ion:152 Resp: 158954

Ion Ratio Lower Upper

152 100

150 156.2 124.9 187.3

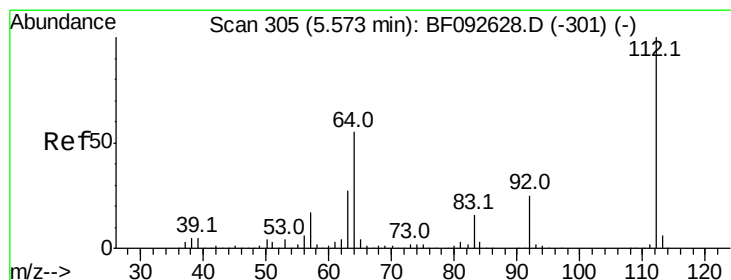
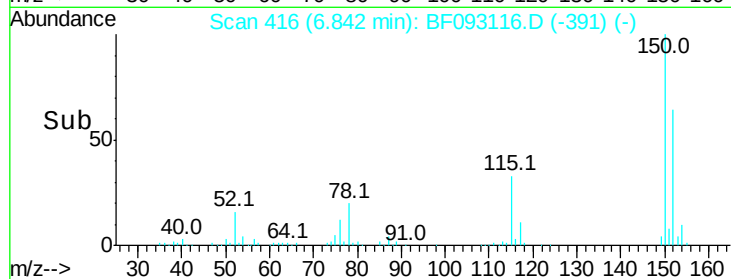
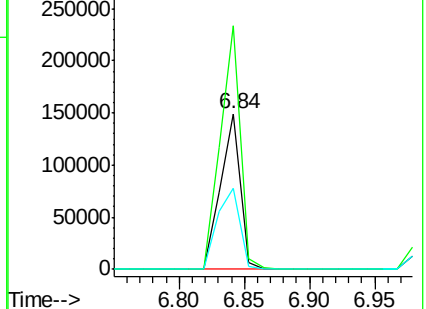
115 52.3 46.0 69.0



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: 118.20 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093116.D

Acq: 23 Feb 2017 20:45

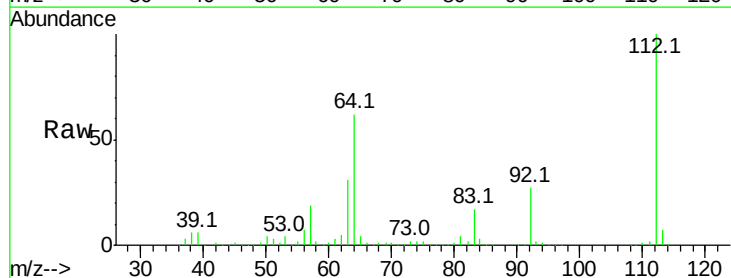
Tgt Ion:112 Resp: 1095093

Ion Ratio Lower Upper

112 100

64 61.6 46.1 69.1

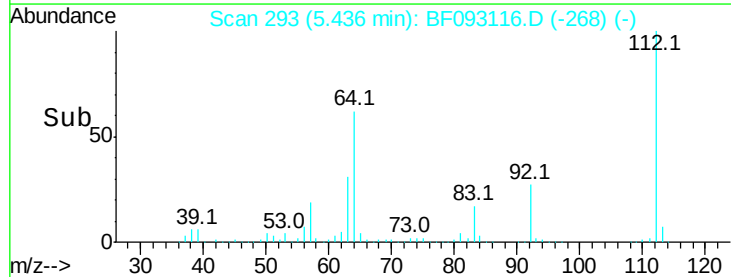
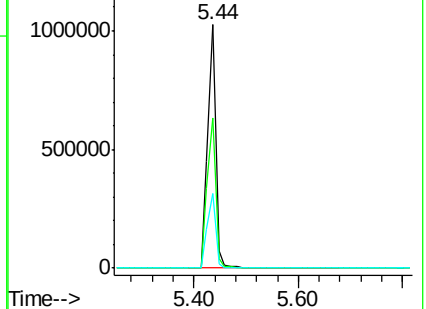
63 30.5 23.8 35.6

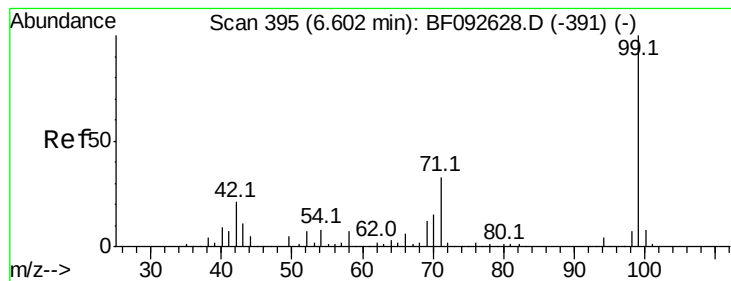


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.79 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093116.D

Acq: 23 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

CLP-S-03(10-15)

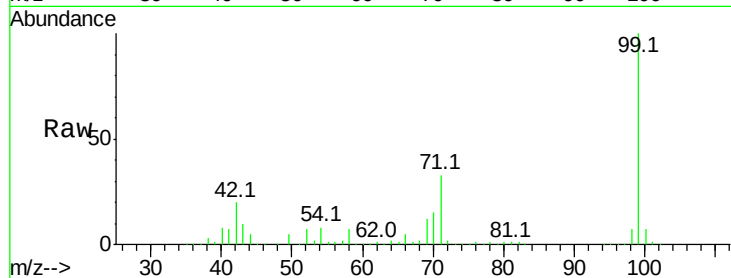
Tot Ion: 99 Resp: 1225429

Ion Ratio Lower Upper

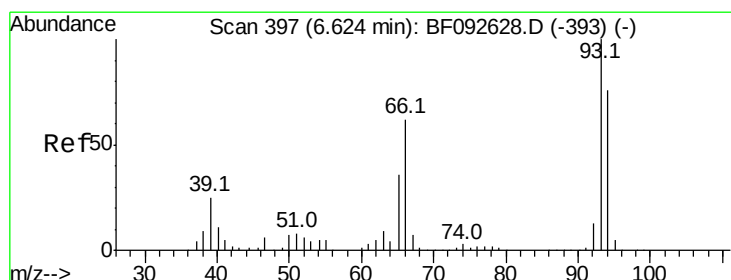
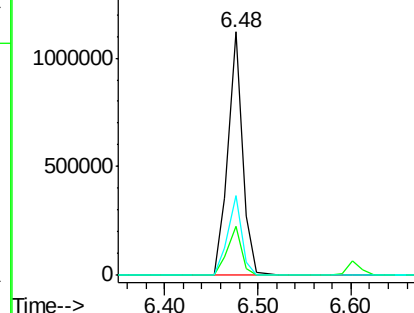
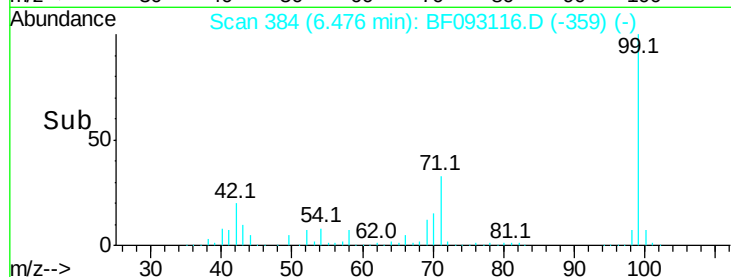
99 100

42 20.1 15.6 23.4

71 32.8 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: 4.28 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093116.D

Acq: 23 Feb 2017 20:45

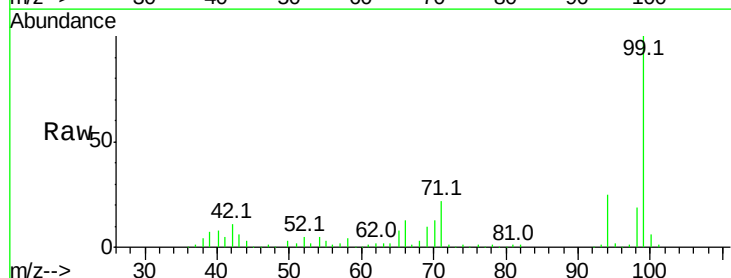
Tgt Ion: 94 Resp: 59689

Ion Ratio Lower Upper

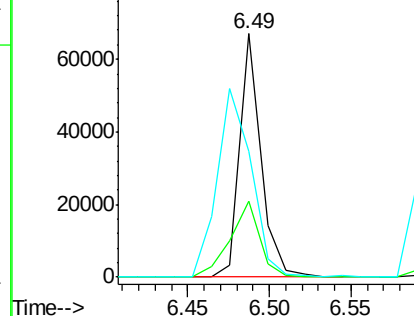
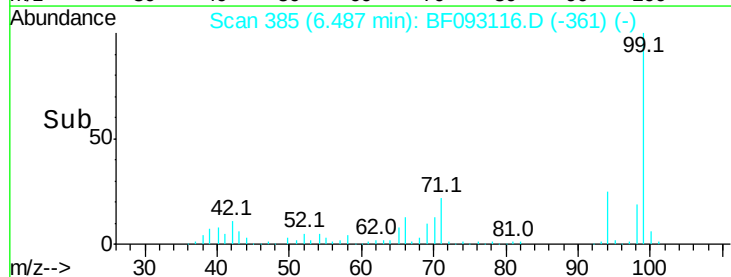
94 100

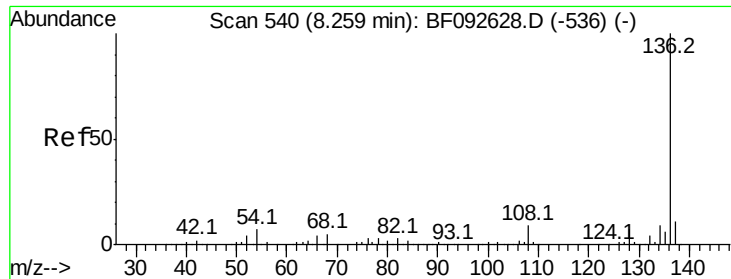
65 31.2 21.4 61.4

66 51.7 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

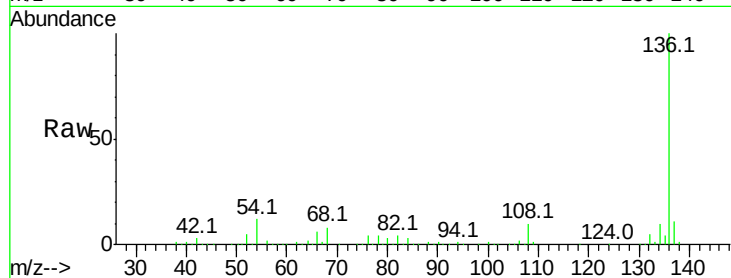




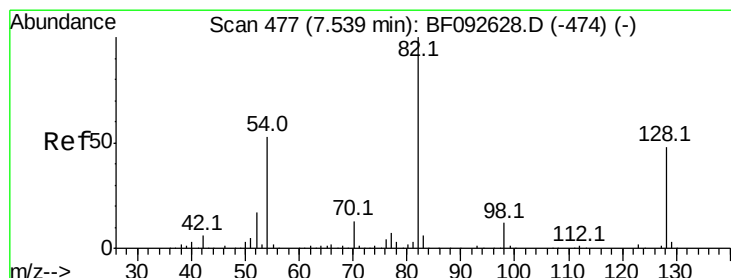
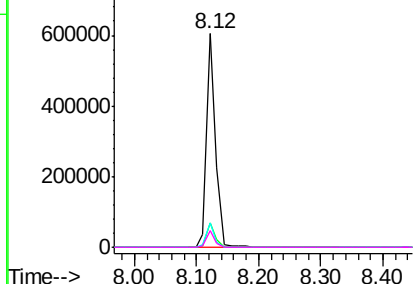
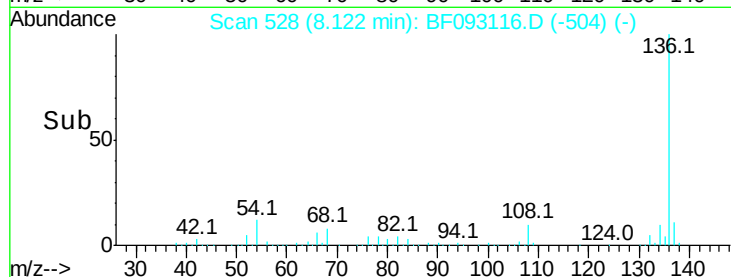
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093116.D
Acq: 23 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(10-15)

Tot Ion:136	Resp:	611629
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.4 12.6
54	11.5	4.5 6.7#
68	8.1	3.6 5.4#

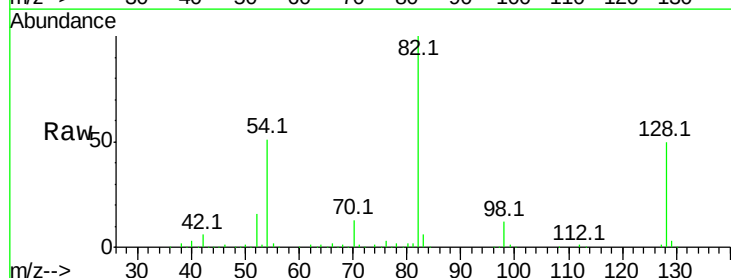


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

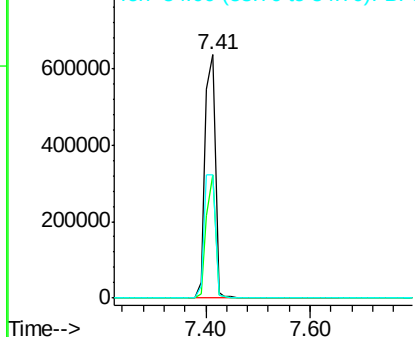
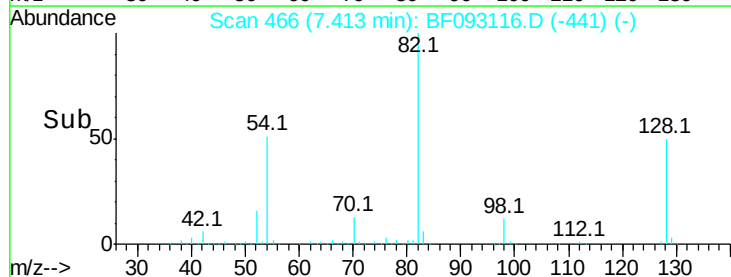


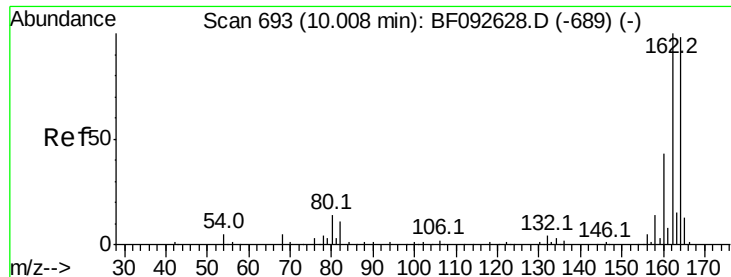
#23
Nitrobenzene-d5
Concen: 79.09 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093116.D
Acq: 23 Feb 2017 20:45

Tgt Ion: 82	Resp:	868653
Ion	Ratio	Lower Upper
82	100	
128	50.4	34.6 52.0
54	50.6	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

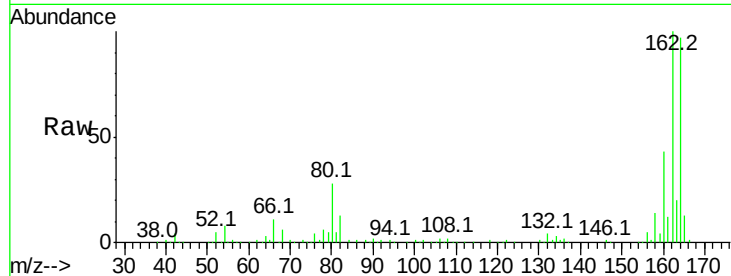




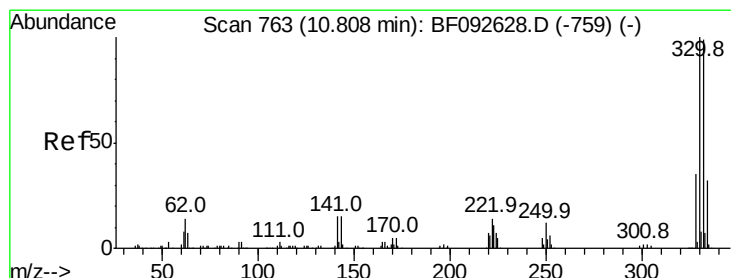
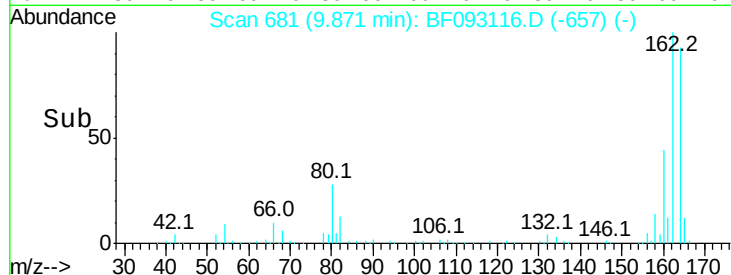
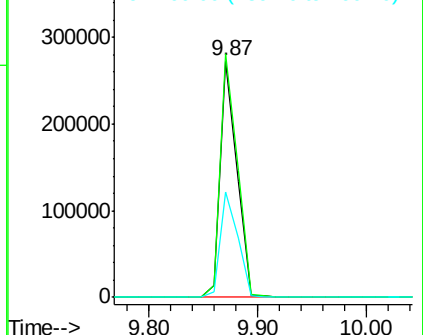
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF093116.D
 Acq: 23 Feb 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-03(10-15)

Tot Ion:164 Resp: 292568
 Ion Ratio Lower Upper
 164 100
 162 103.0 80.2 120.2
 160 44.7 36.9 55.3

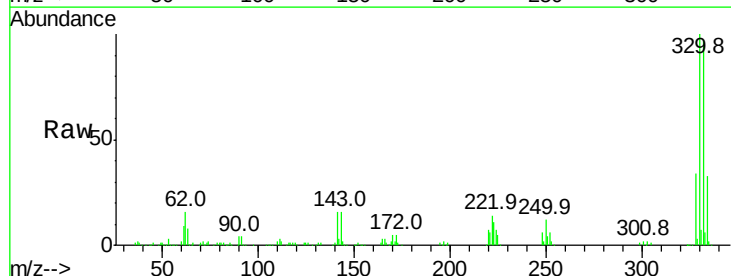


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

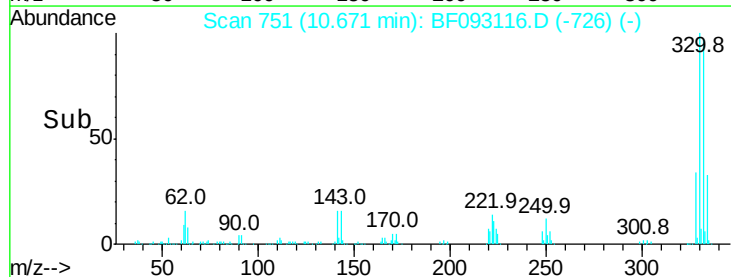
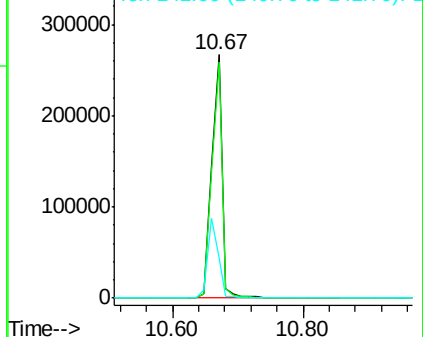


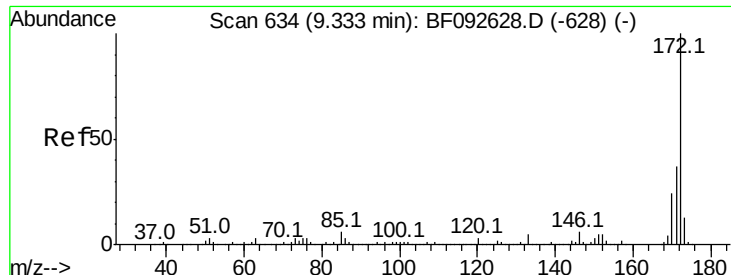
#41
 2,4,6-Tribromophenol
 Concen: 142.87 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093116.D
 Acq: 23 Feb 2017 20:45

Tgt Ion:330 Resp: 302308
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 33.1 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



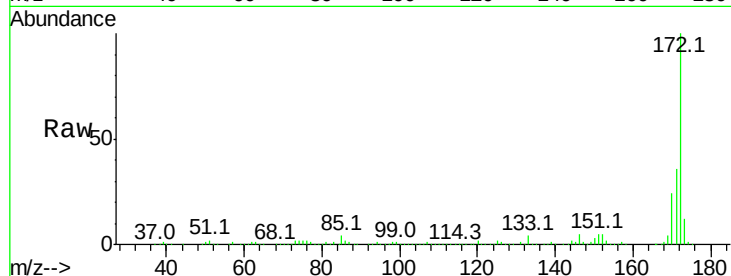


#44
 2-Fluorobiphenyl
 Concen: 91.54 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093116.D
 Acq: 23 Feb 2017 20:45

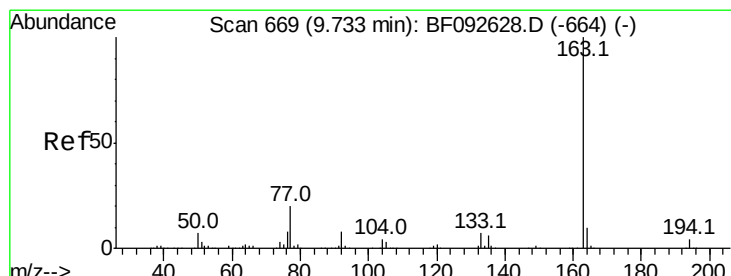
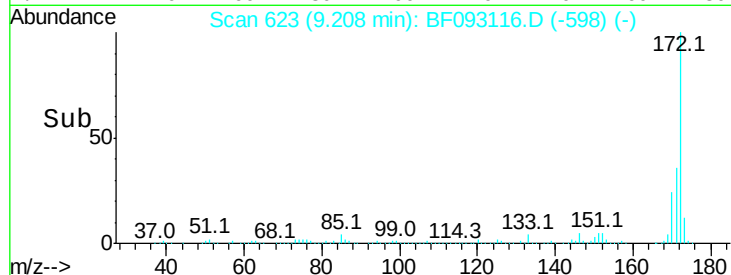
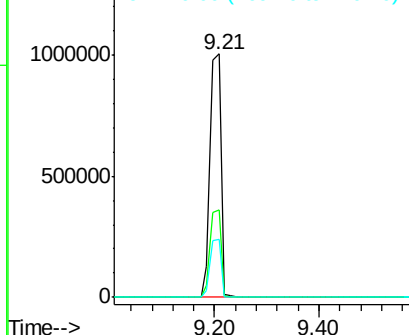
Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-03(10-15)

Tot Ion:172 Resp: 1478350

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.0	20.2	30.4



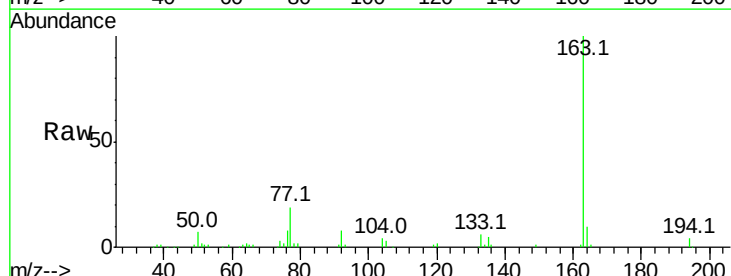
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



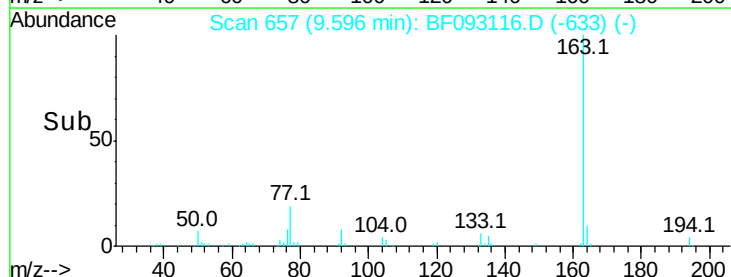
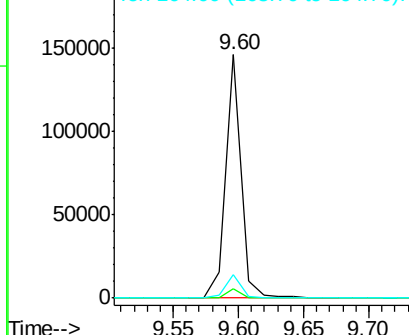
#49
 Dimethylphthalate
 Concen: 6.11 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF093116.D
 Acq: 23 Feb 2017 20:45

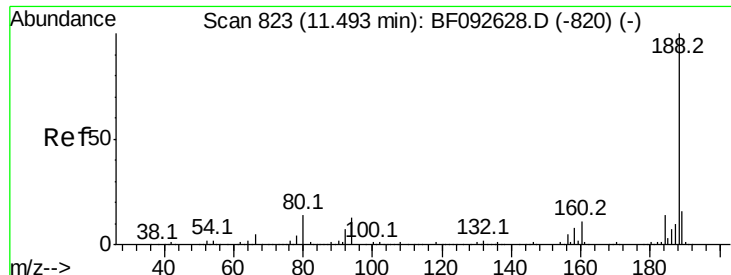
Tgt Ion:163 Resp: 120396

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.9	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

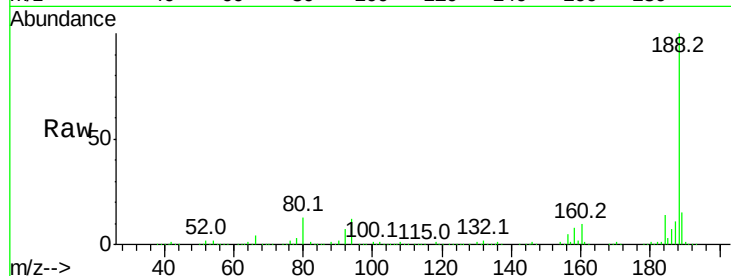




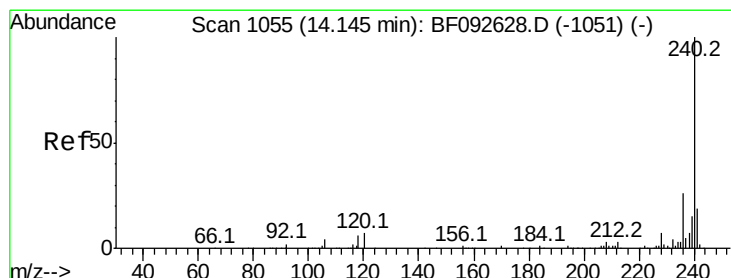
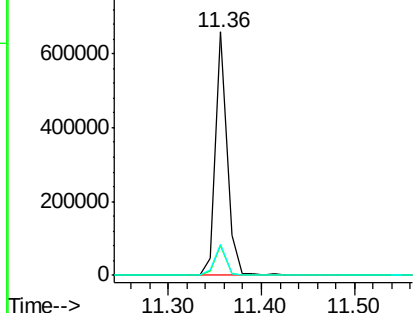
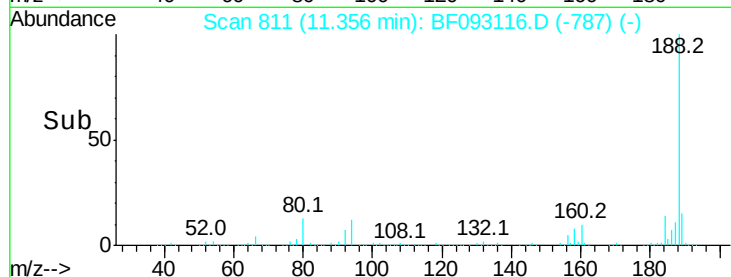
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093116.D
Acq: 23 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(10-15)

Tot Ion:188 Resp: 570801
Ion Ratio Lower Upper
188 100
94 12.2 10.0 15.0
80 12.6 11.2 16.8

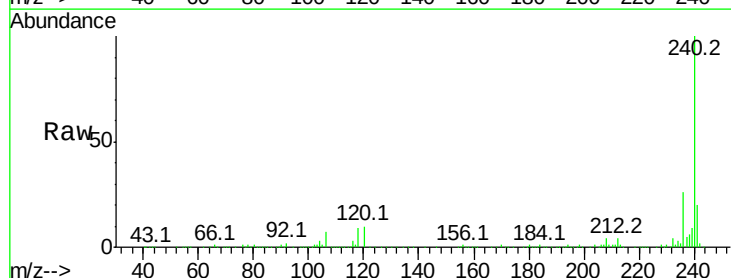


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

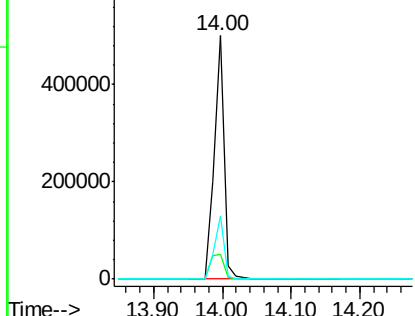
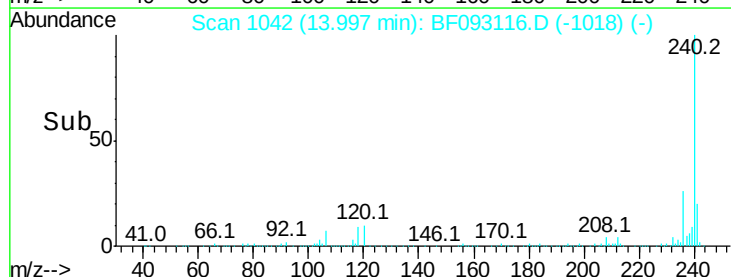


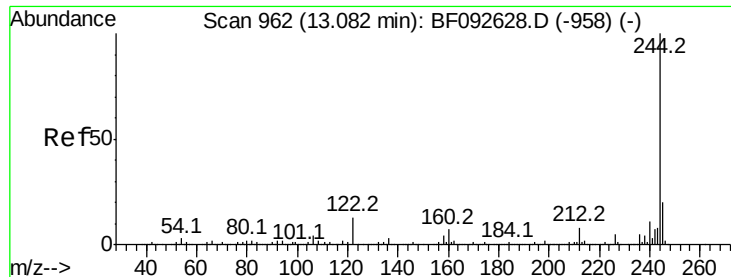
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093116.D
Acq: 23 Feb 2017 20:45

Tgt Ion:240 Resp: 509056
Ion Ratio Lower Upper
240 100
120 10.2 12.9 19.3#
236 26.0 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: 58.67 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093116.D

Acq: 23 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

CLP-S-03(10-15)

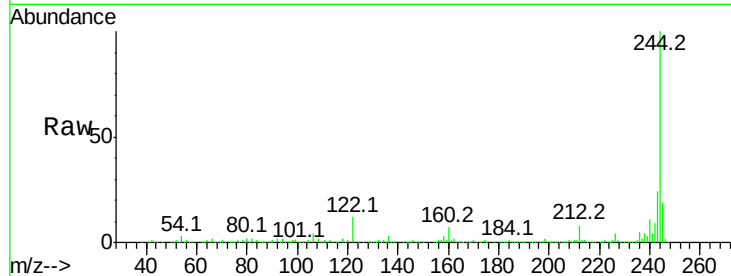
Tot Ion:244 Resp: 1271131

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

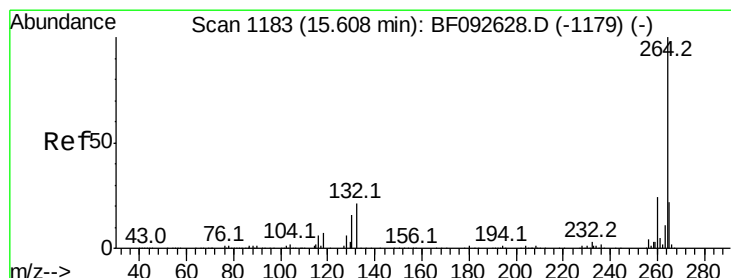
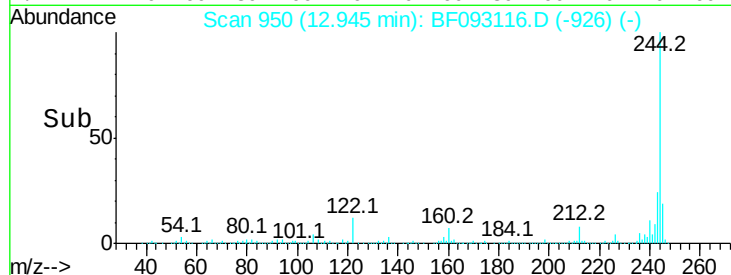
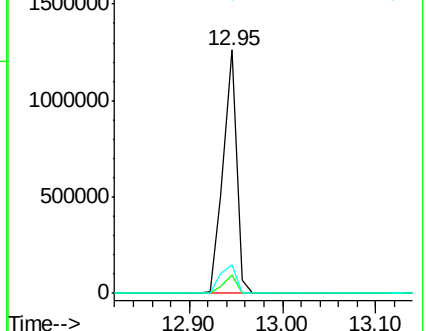
122 12.0 11.4 17.2



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: 15.41 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF093116.D

Acq: 23 Feb 2017 20:45

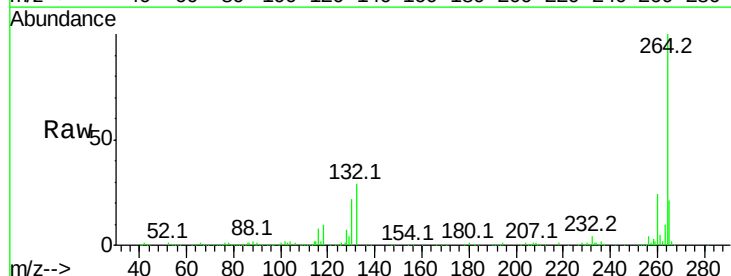
Tgt Ion:264 Resp: 385047

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.5 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

