

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093962.D
 Acq On : 28 Mar 2017 00:36
 Operator : SJ/MA
 Sample : I2409-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22

Quant Time: Mar 28 01:14:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

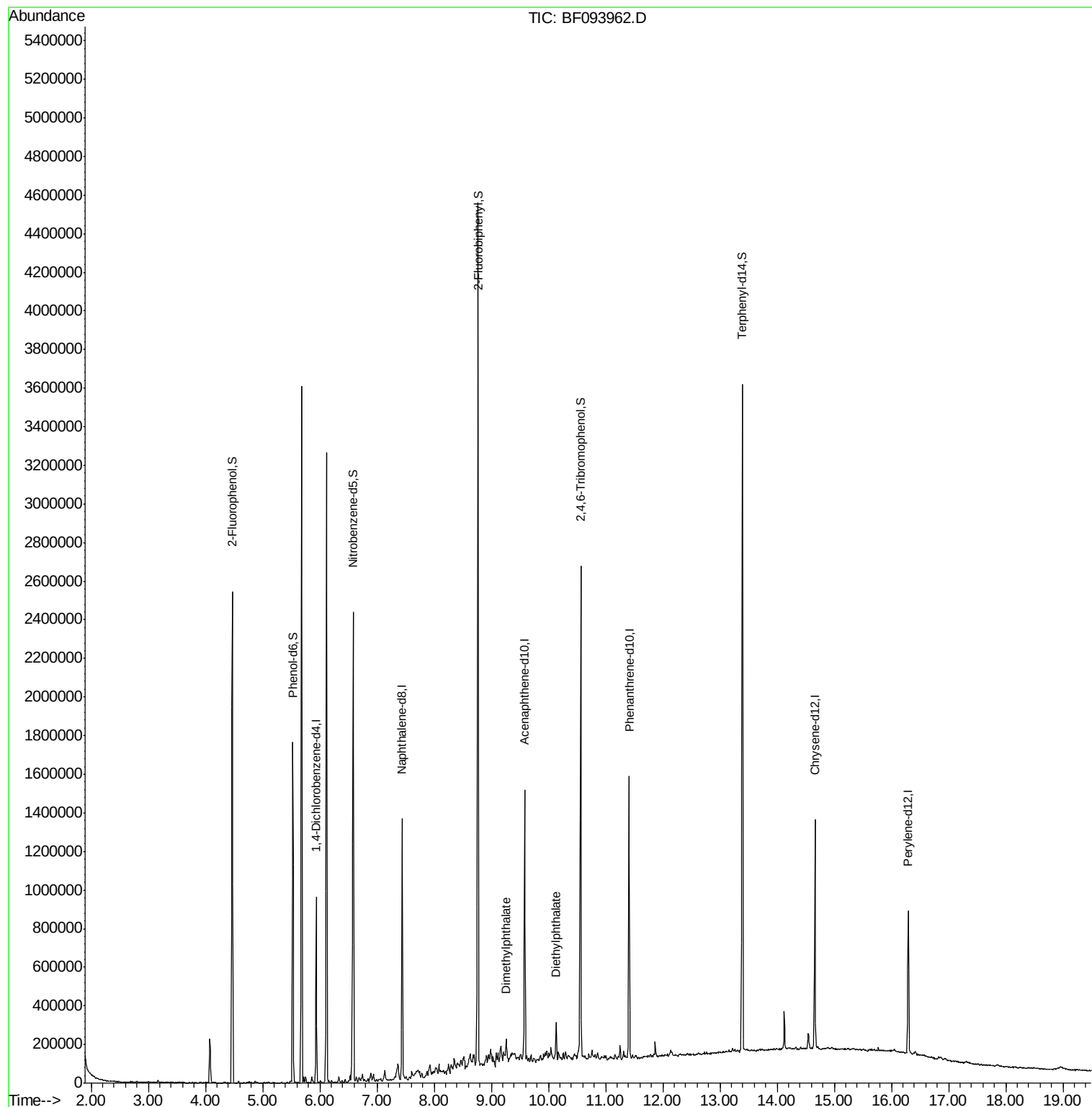
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.94	152	168791	20.00	ng	-0.01
21) Naphthalene-d8	7.44	136	679713	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	312164	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	562300	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	439757	20.00	ng	-0.02
86) Perylene-d12	16.29	264	310679	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	713199	71.37	ng	0.00
7) Phenol-d6	5.53	99	603441	48.81	ng	-0.02
23) Nitrobenzene-d5	6.59	82	1035820	86.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	378471	153.43	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1824139	89.13	ng	-0.01
78) Terphenyl-d14	13.39	244	1460729	74.45	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.26	163	45879	2.07	ng	Qvalue 100
59) Diethylphthalate	10.14	149	78756	3.59	ng	100

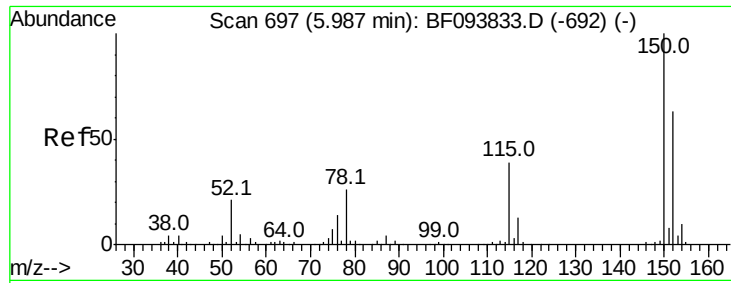
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.94 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093962.D

Acq: 28 Mar 2017 00:36

Instrument :

BNA_F

ClientSampleId :

LIP-22

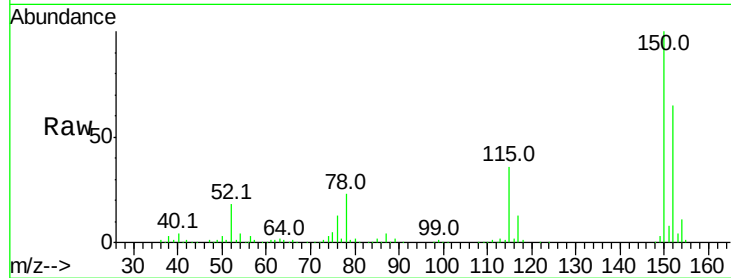
Tot Ion:152 Resp: 168791

Ion Ratio Lower Upper

152 100

150 153.5 126.2 189.2

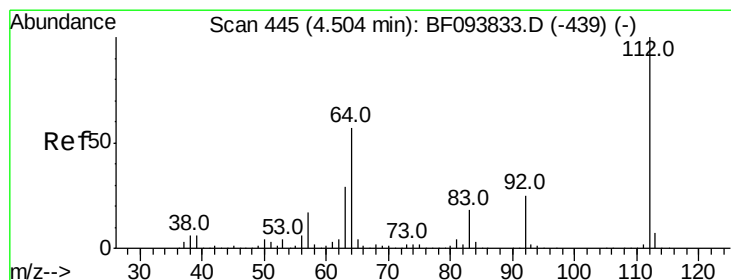
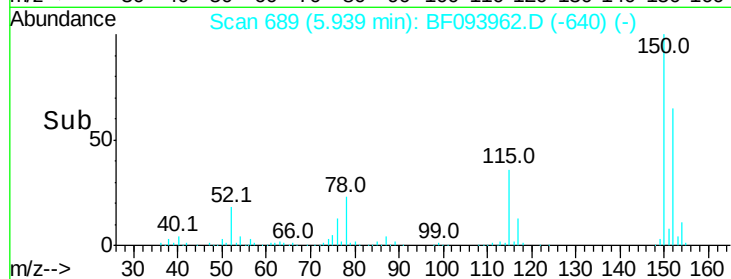
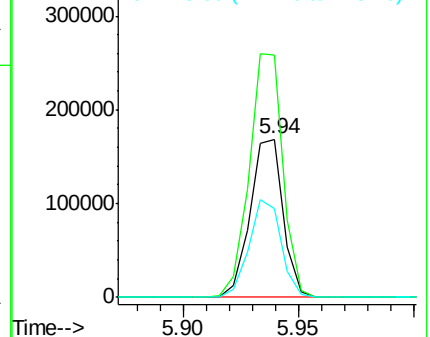
115 55.9 52.2 78.2



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: 71.37 ng

RT: 4.47 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093962.D

Acq: 28 Mar 2017 00:36

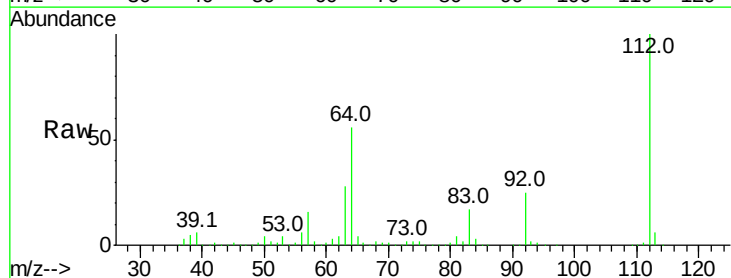
Tgt Ion:112 Resp: 713199

Ion Ratio Lower Upper

112 100

64 56.1 46.0 69.0

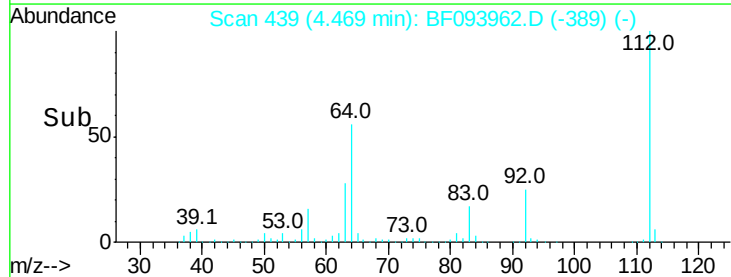
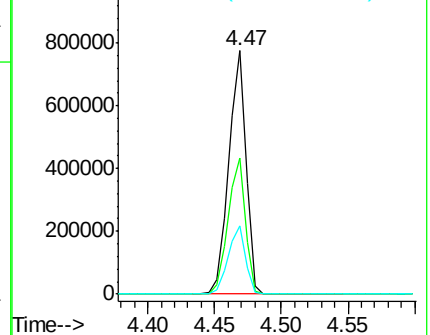
63 27.9 23.4 35.0

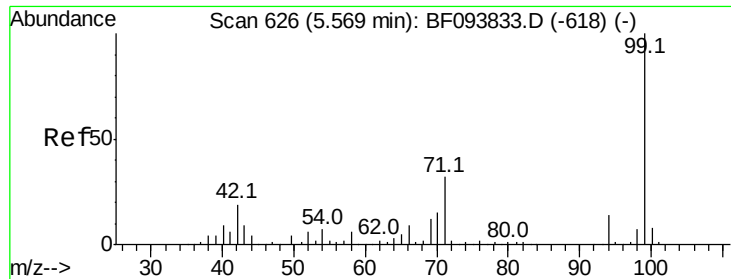


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.81 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF093962.D

Acq: 28 Mar 2017 00:36

Instrument :

BNA_F

ClientSampleId :

LIP-22

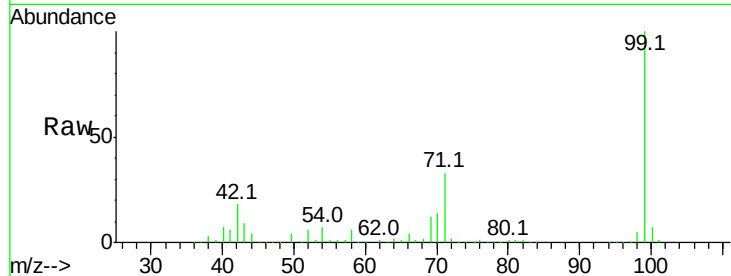
Tot Ion: 99 Resp: 603441

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

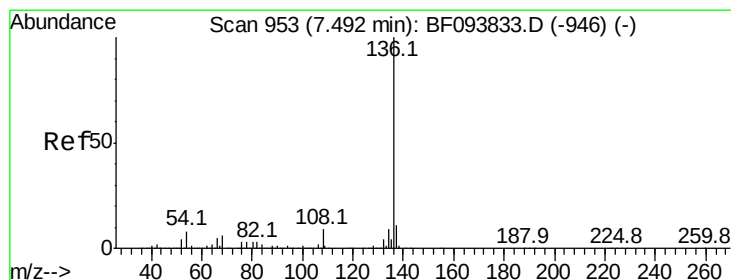
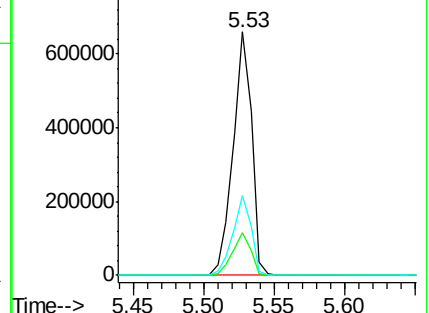
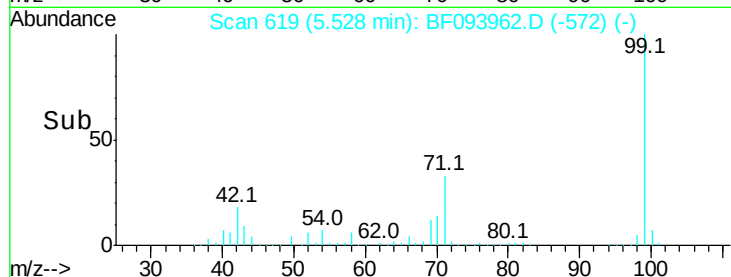
71 32.9 24.5 36.7



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: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093962.D

Acq: 28 Mar 2017 00:36

Tgt Ion: 136 Resp: 679713

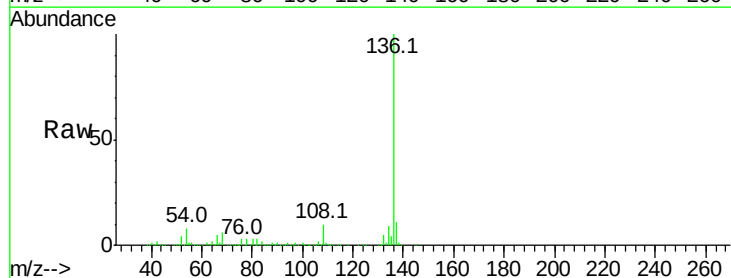
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.7 4.9 7.3#

68 6.4 4.1 6.1#

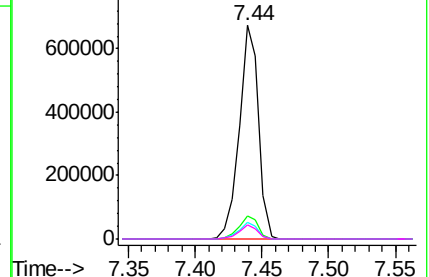
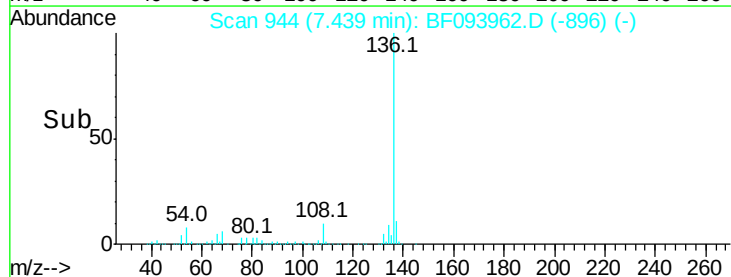


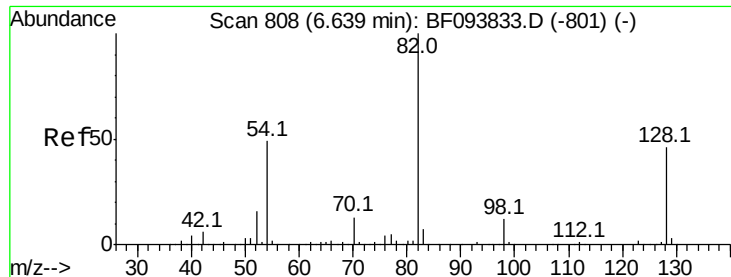
Abundance Ion 136.00 (135.70 to 136.70): E

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

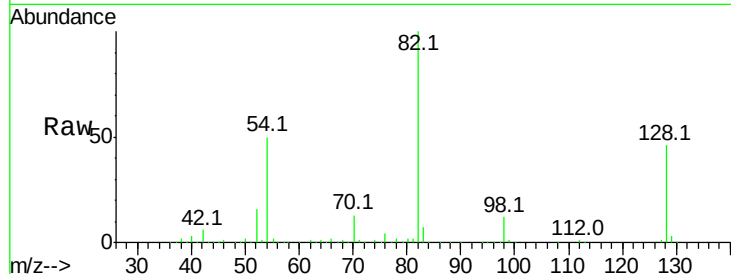




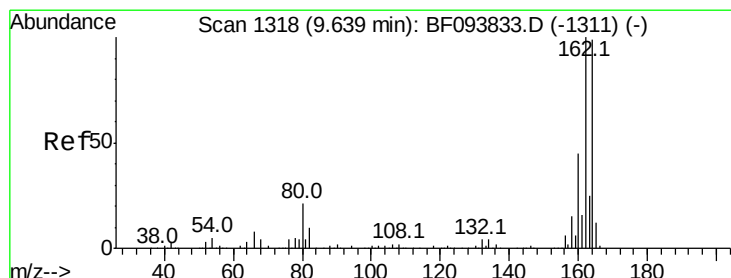
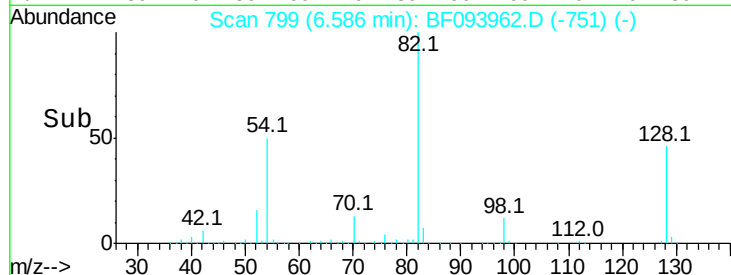
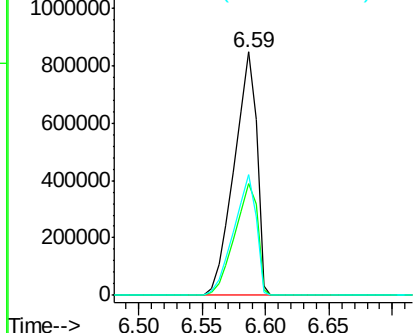
#23
 Nitrobenzene-d5
 Concen: 86.97 ng
 RT: 6.59 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF093962.D
 Acq: 28 Mar 2017 00:36

Instrument :
 BNA_F
 ClientSampled :
 LIP-22

Tot Ion: 82 Resp: 1035820
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.0 51.0
 54 49.8 42.2 63.2

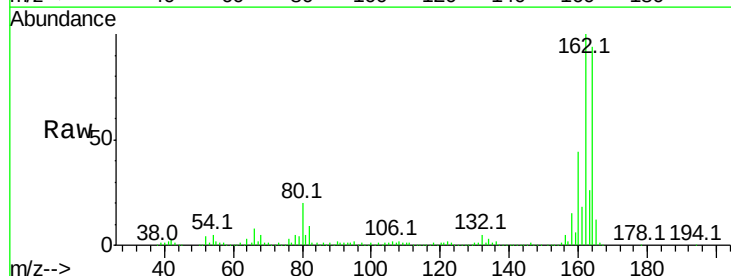


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

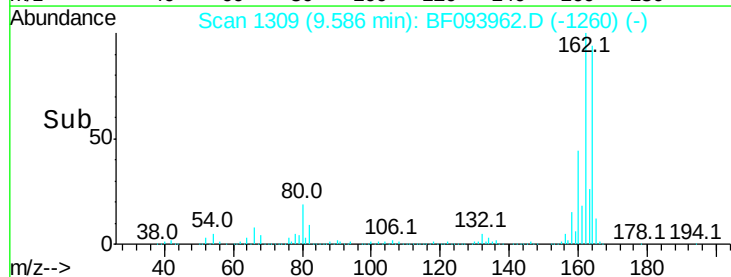
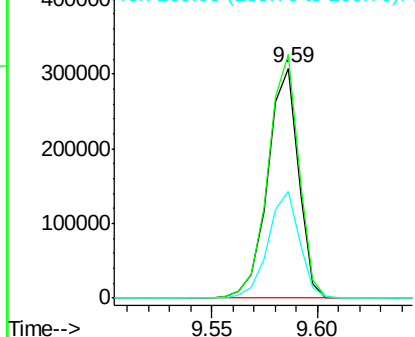


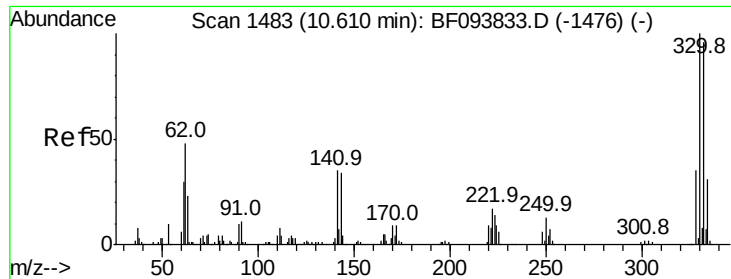
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF093962.D
 Acq: 28 Mar 2017 00:36

Tgt Ion:164 Resp: 312164
 Ion Ratio Lower Upper
 164 100
 162 106.1 82.6 123.8
 160 46.4 36.2 54.2



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

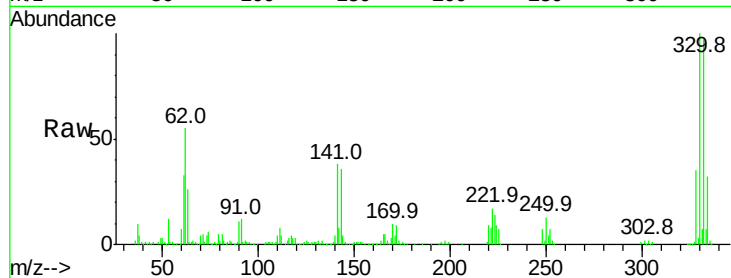




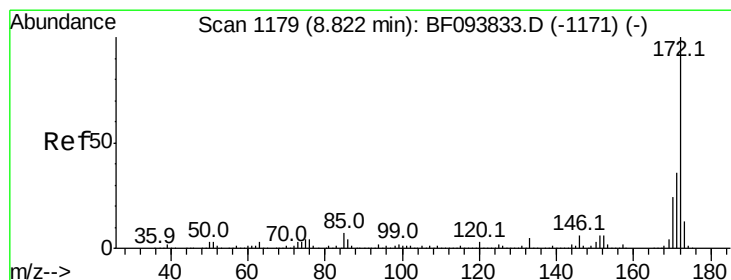
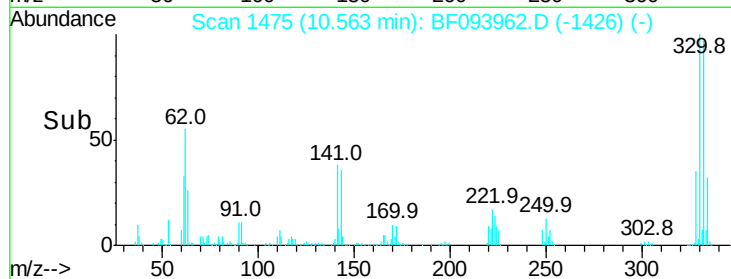
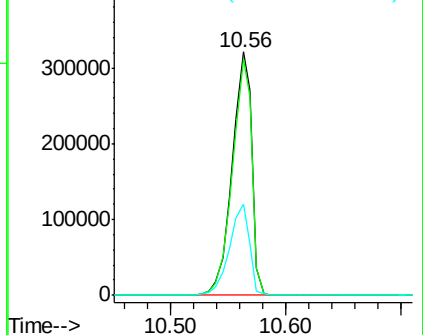
#41
 2,4,6-Tribromophenol
 Concen: 153.43 ng
 RT: 10.56 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF093962.D
 Acq: 28 Mar 2017 00:36

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22

Tot Ion:330 Resp: 378471
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 38.5 31.4 47.2

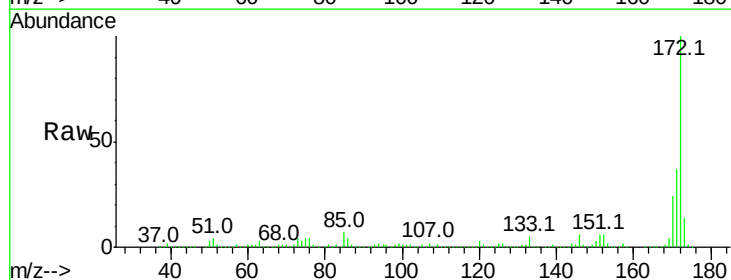


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

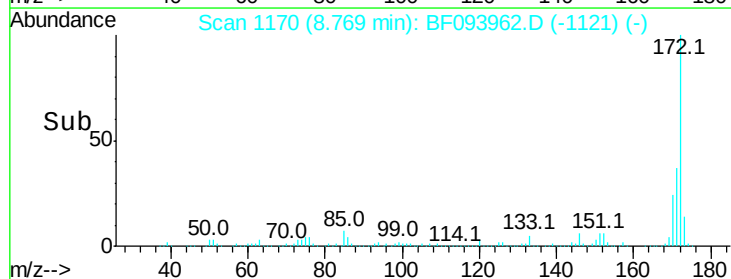
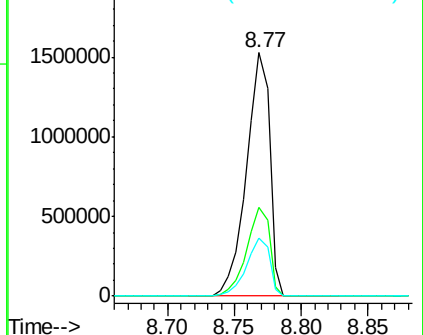


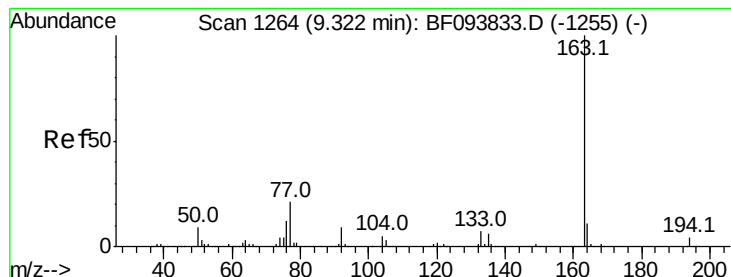
#44
 2-Fluorobiphenyl
 Concen: 89.13 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093962.D
 Acq: 28 Mar 2017 00:36

Tgt Ion:172 Resp: 1824139
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 23.7 19.8 29.8



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: 2.07 ng

RT: 9.26 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF093962.D

Acq: 28 Mar 2017 00:36

Instrument :

BNA_F

ClientSampleId :

LIP-22

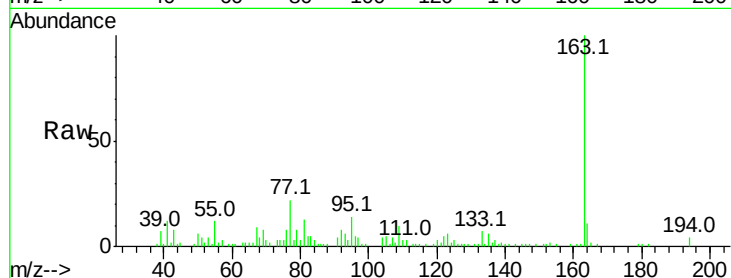
Tot Ion:163 Resp: 45879

Ion Ratio Lower Upper

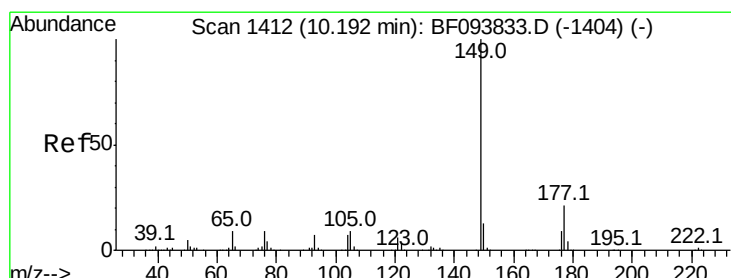
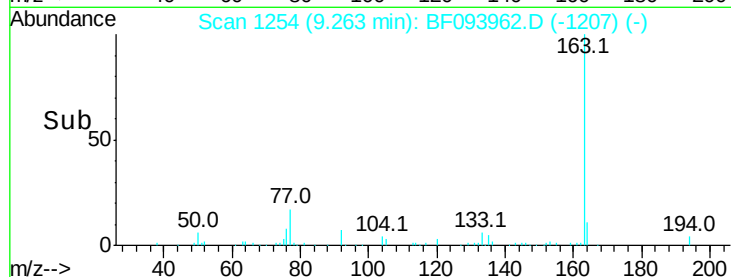
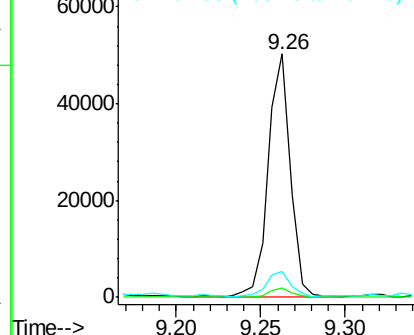
163 100

194 3.7 2.6 4.0

164 10.6 8.4 12.6



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



#59

Diethylphthalate

Concen: 3.59 ng

RT: 10.14 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BF093962.D

Acq: 28 Mar 2017 00:36

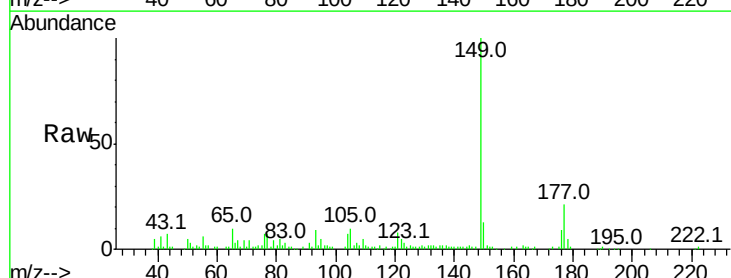
Tgt Ion:149 Resp: 78756

Ion Ratio Lower Upper

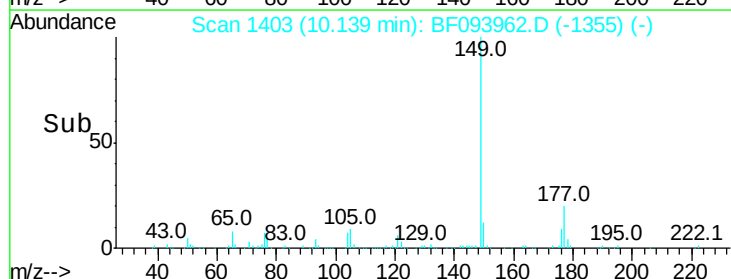
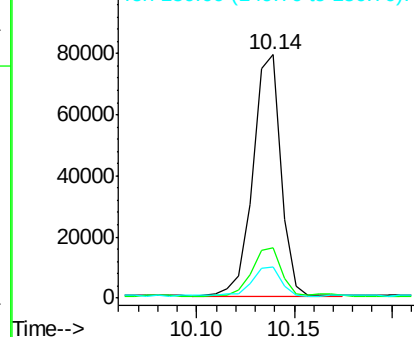
149 100

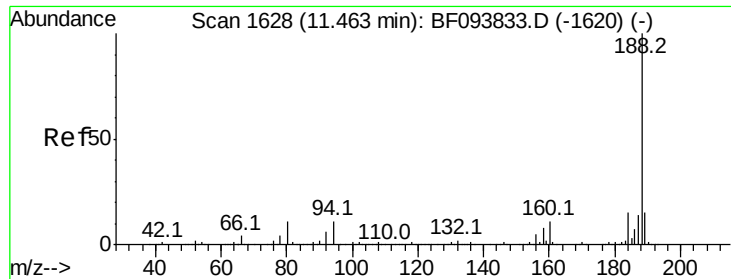
177 20.8 16.7 25.1

150 12.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

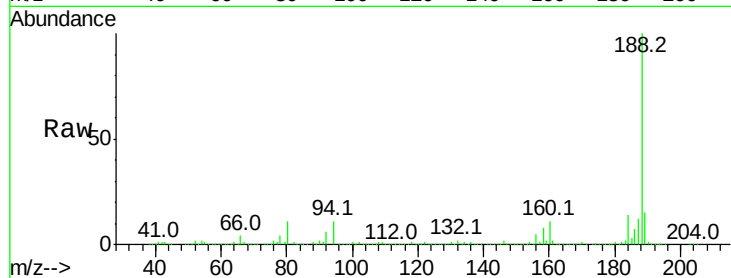




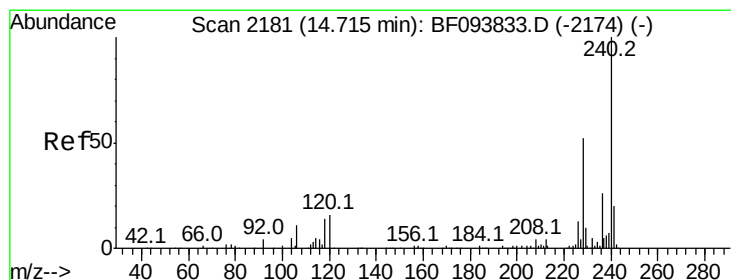
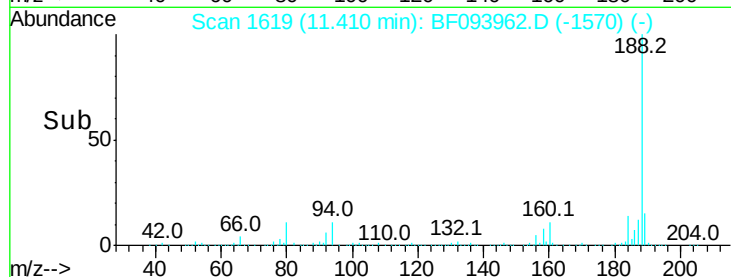
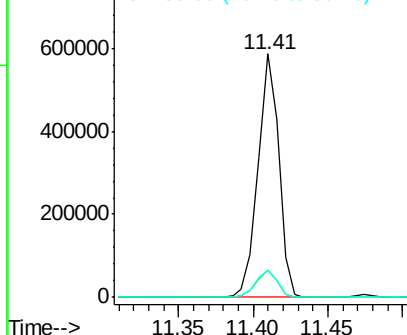
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF093962.D
Acq: 28 Mar 2017 00:36

Instrument :
BNA_F
ClientSampleId :
LIP-22

Tot Ion:188 Resp: 562300
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.4 10.2 15.2

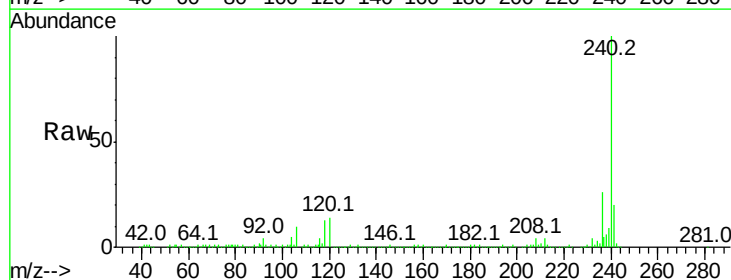


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

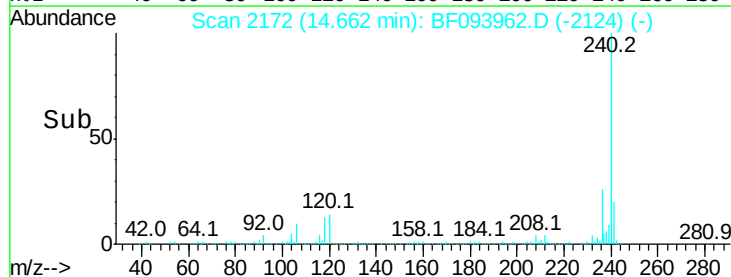
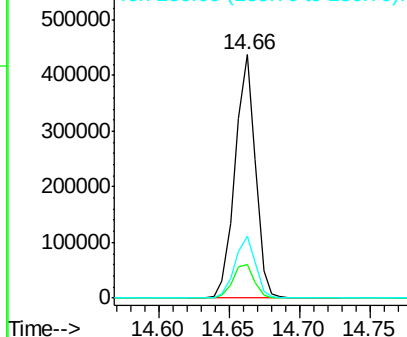


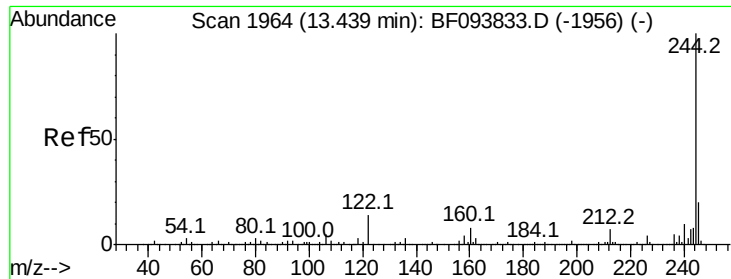
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.66 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF093962.D
Acq: 28 Mar 2017 00:36

Tgt Ion:240 Resp: 439757
Ion Ratio Lower Upper
240 100
120 14.1 5.8 8.8#
236 25.6 20.5 30.7



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: 74.45 ng

RT: 13.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF093962.D

Acq: 28 Mar 2017 00:36

Instrument :

BNA_F

ClientSampleId :

LIP-22

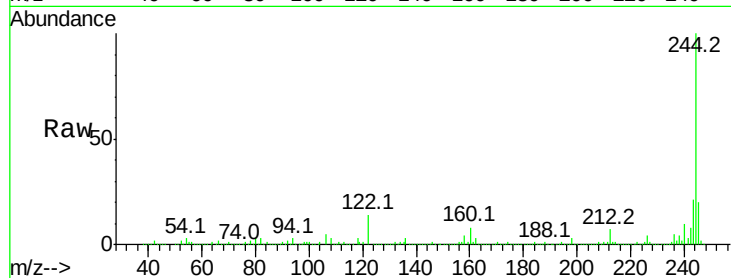
Tot Ion:244 Resp: 1460729

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

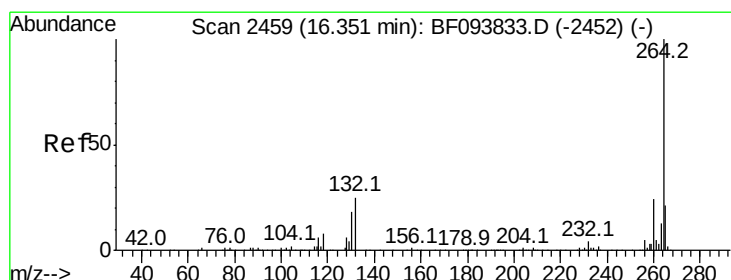
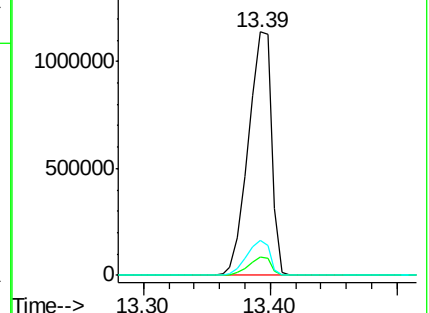
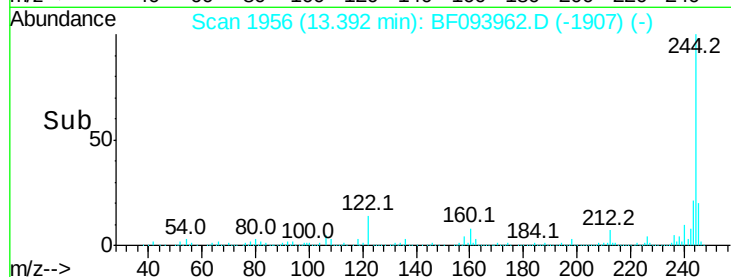
122 14.2 10.3 15.5



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: 16.29 min Scan# 2449

Delta R.T. -0.02 min

Lab File: BF093962.D

Acq: 28 Mar 2017 00:36

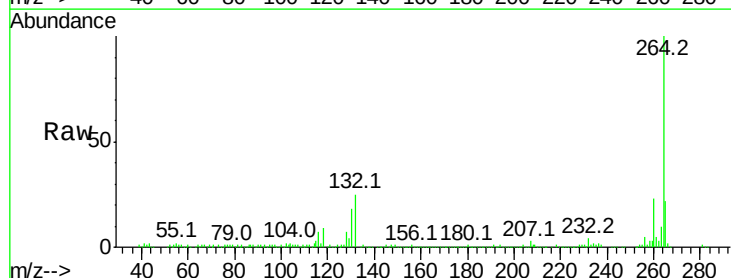
Tgt Ion:264 Resp: 310679

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 22.1 17.2 25.8



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

