

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113016\
 Data File : BF091362.D
 Acq On : 30 Nov 2016 18:51
 Operator : UM/SJ
 Sample : H5779-02
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112816-DSDC-F-D-S

Quant Time: Dec 01 00:17:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

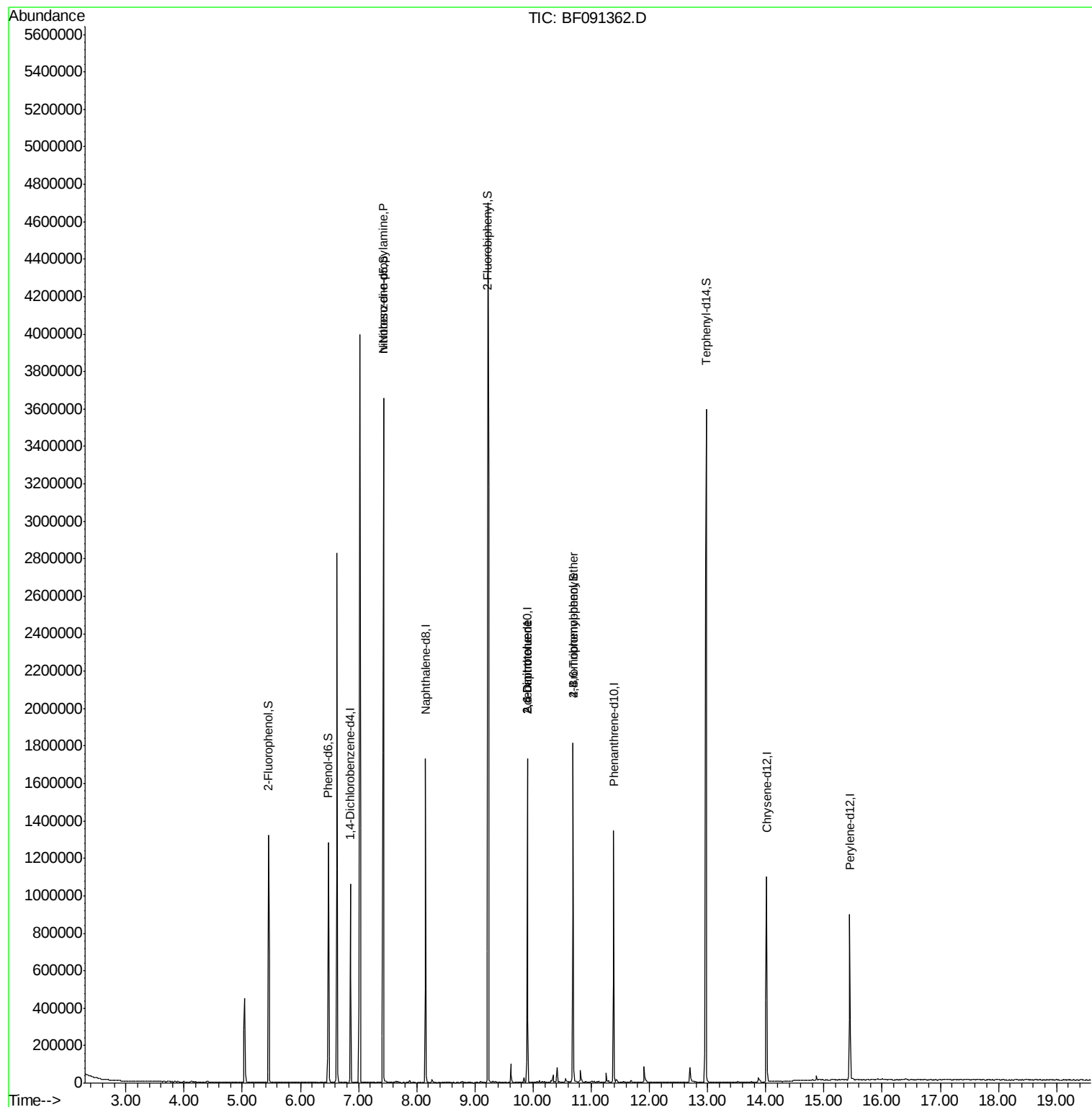
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	181030	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	753626	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	363458	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	548792	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	426454	20.00	ng	-0.03
86) Perylene-d12	15.44	264	399029	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	371520	33.53	ng	-0.02
7) Phenol-d6	6.48	99	338817	24.84	ng	-0.02
23) Nitrobenzene-d5	7.43	82	1253131	93.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	253488	73.67	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	2037643	101.51	ng	-0.02
78) Terphenyl-d14	12.97	244	1598815	81.49	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	171734	19.98	ng	# 73
50) 2,6-Dinitrotoluene	9.90	165	47159	9.59	ng	# 17
56) 2,4-Dinitrotoluene	9.90	165	47161	7.39	ng	# 34
66) 4-Bromophenyl-phenylether	10.69	248	16345	2.77	ng	# 1

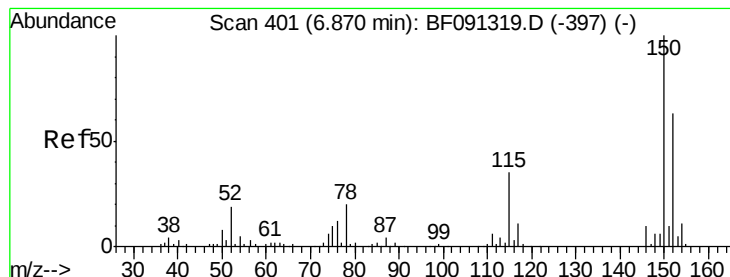
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091362.D

Acq: 30 Nov 2016 18:51

Instrument :

BNA_F

ClientSampleId :

112816-DSDC-F-D-S

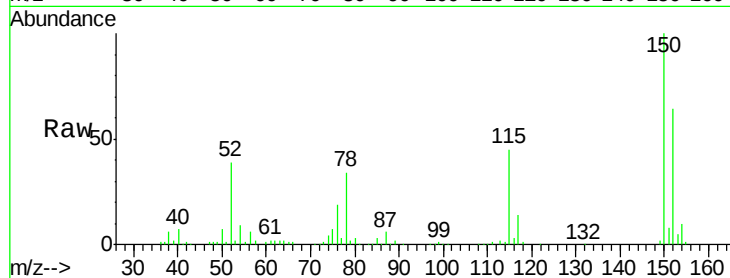
Tgt Ion:152 Resp: 181030

Ion Ratio Lower Upper

152 100

150 156.5 122.5 183.7

115 70.3 51.8 77.8

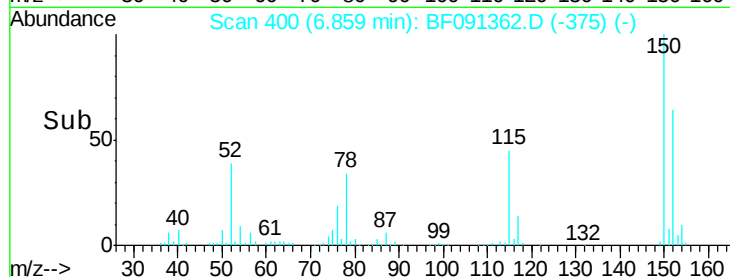


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



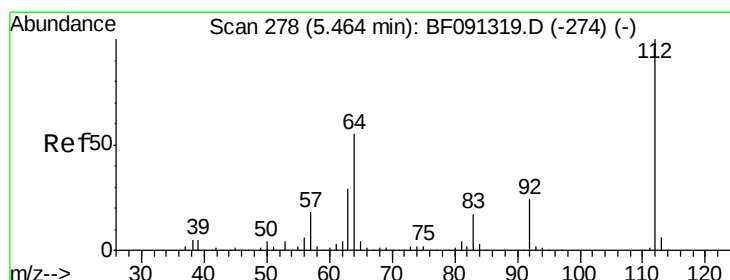
Abundance

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

Time-->



#5

2-Fluorophenol

Concen: 33.53 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091362.D

Acq: 30 Nov 2016 18:51

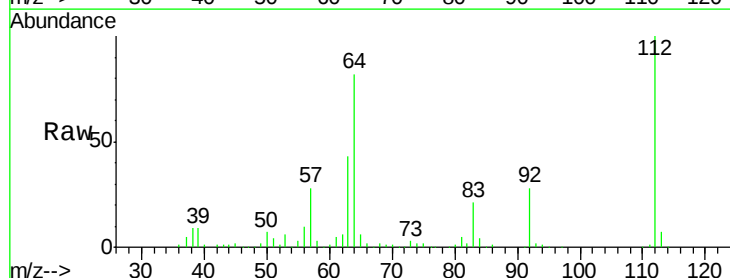
Tgt Ion:112 Resp: 371520

Ion Ratio Lower Upper

112 100

64 82.5 61.5 92.3

63 43.5 33.3 49.9

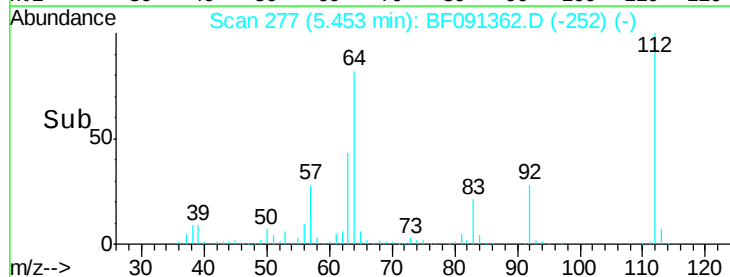


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



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

Time-->



#7

Phenol-d6

Concen: 24.84 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091362.D

Acq: 30 Nov 2016 18:51

Instrument :

BNA_F

ClientSampleId :

112816-DSDC-F-D-S

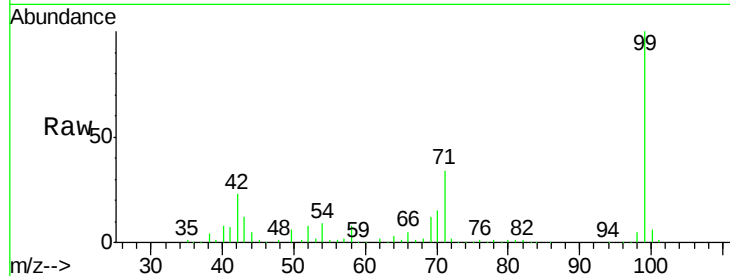
Tgt Ion: 99 Resp: 338817

Ion Ratio Lower Upper

99 100

42 22.9 20.6 31.0

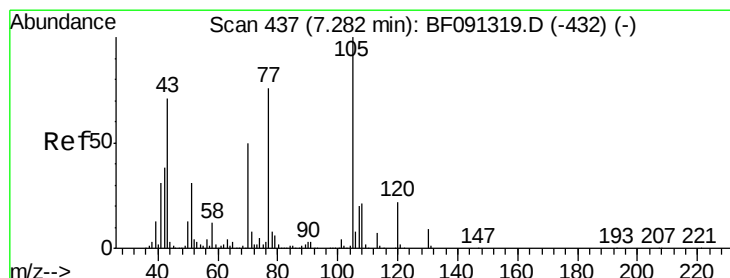
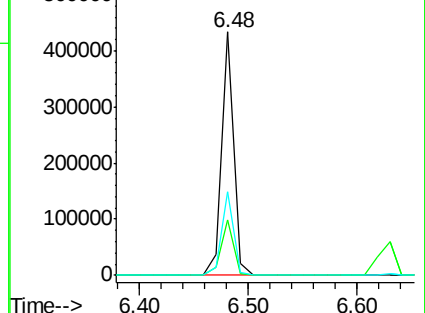
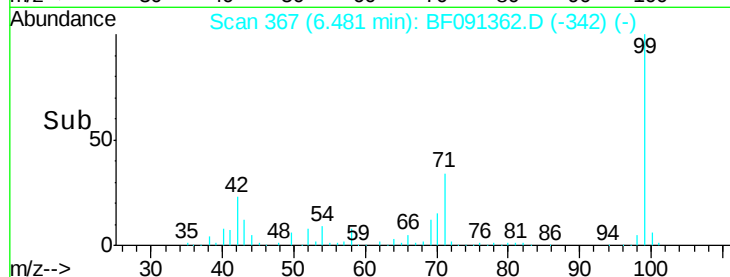
71 34.2 29.9 44.9



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



#19

n-Nitroso-di-n-propylamine

Concen: 19.98 ng

RT: 7.43 min Scan# 450

Delta R.T. 0.13 min

Lab File: BF091362.D

Acq: 30 Nov 2016 18:51

Tgt Ion: 70 Resp: 171734

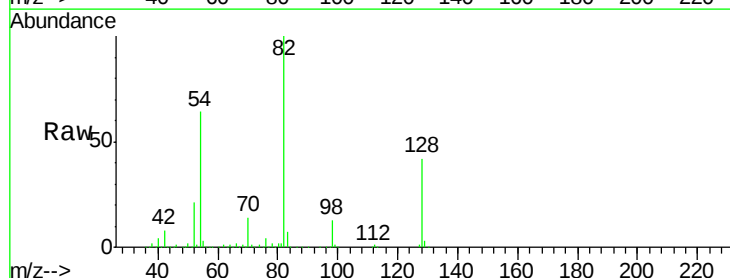
Ion Ratio Lower Upper

70 100

42 56.8 64.8 97.2#

101 0.0 6.2 9.4#

130 1.9 11.7 17.5#

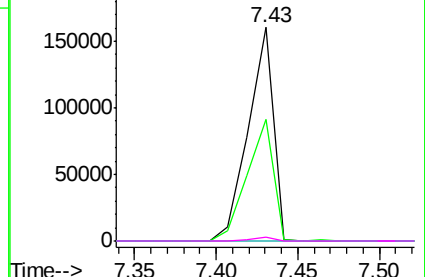
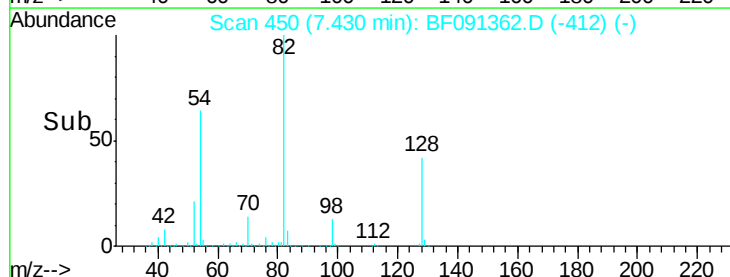


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091362.D

Acq: 30 Nov 2016 18:51

Instrument :

BNA_F

ClientSampleId :

112816-DSDC-F-D-S

Tgt Ion: 136 Resp: 753626

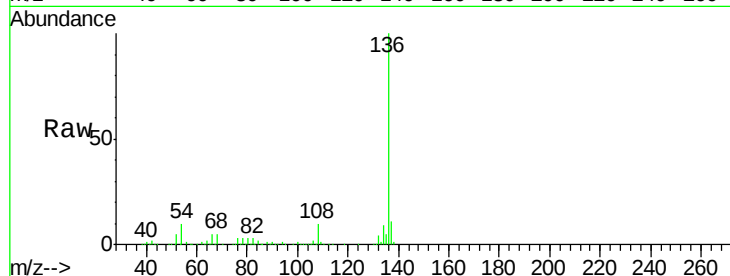
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 9.7 9.1 13.7

68 5.0 5.9 8.9#

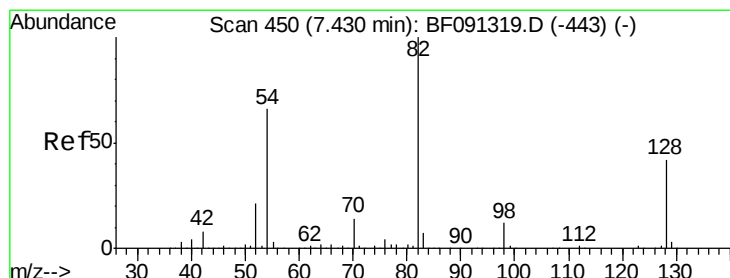
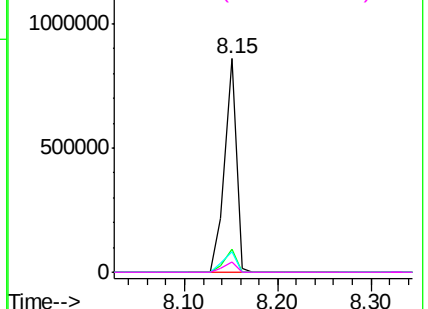
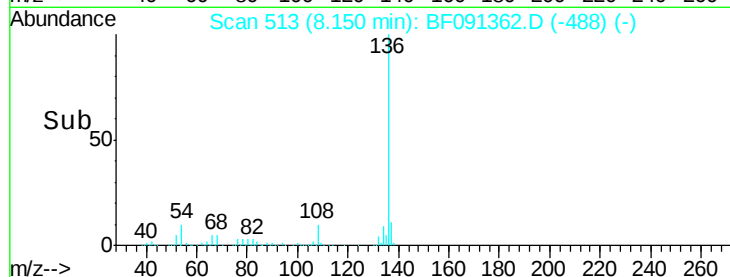


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.18 ng

RT: 7.43 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF091362.D

Acq: 30 Nov 2016 18:51

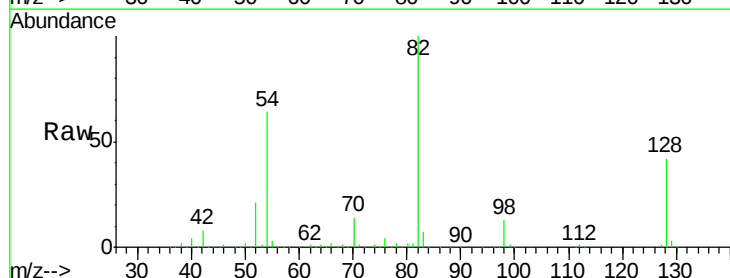
Tgt Ion: 82 Resp: 1253131

Ion Ratio Lower Upper

82 100

128 42.3 31.8 47.6

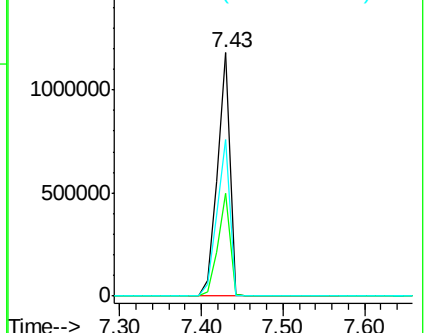
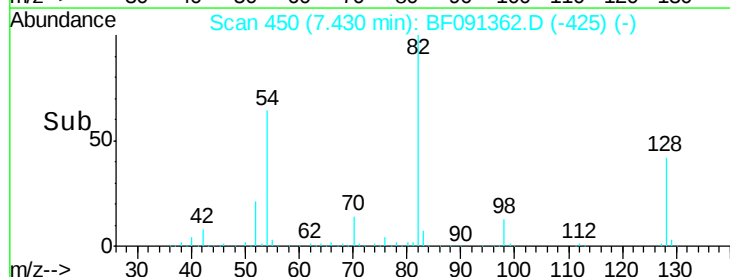
54 64.1 49.1 73.7

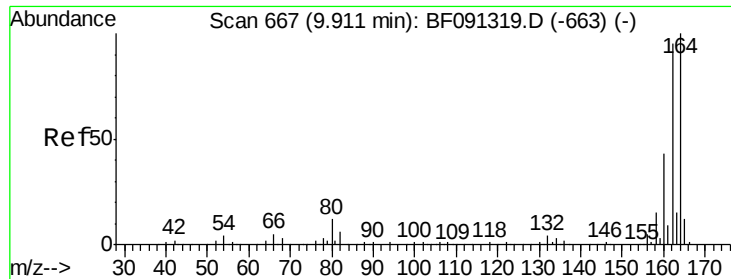


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

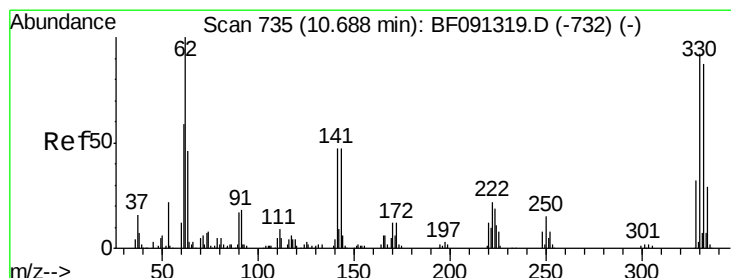
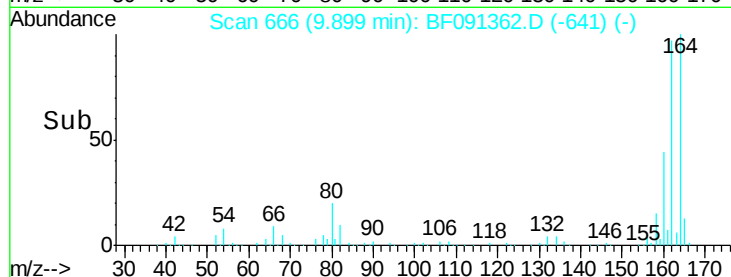
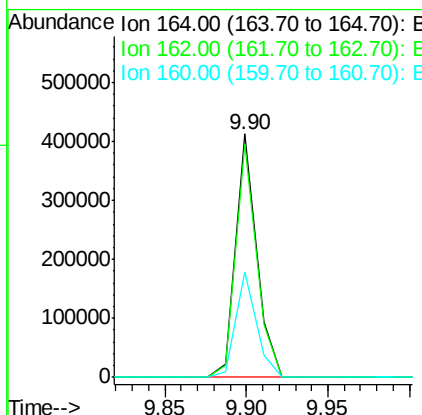
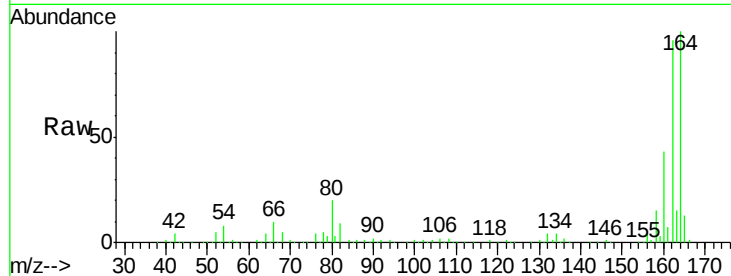




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF091362.D
 Acq: 30 Nov 2016 18:51

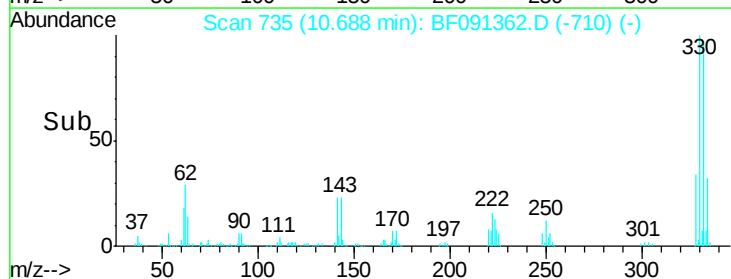
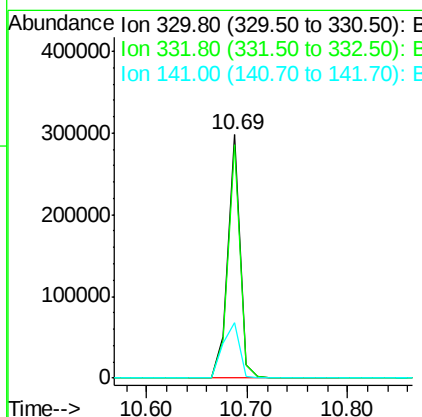
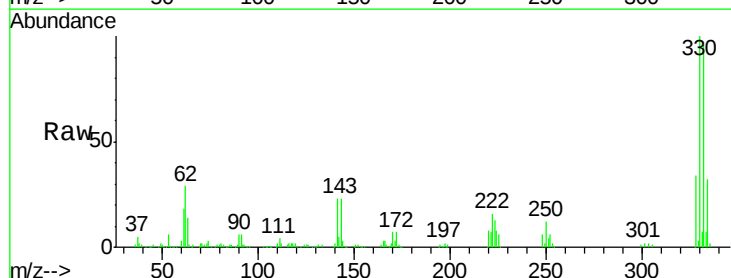
Instrument :
 BNA_F
 ClientSampleId :
 112816-DSDC-F-D-S

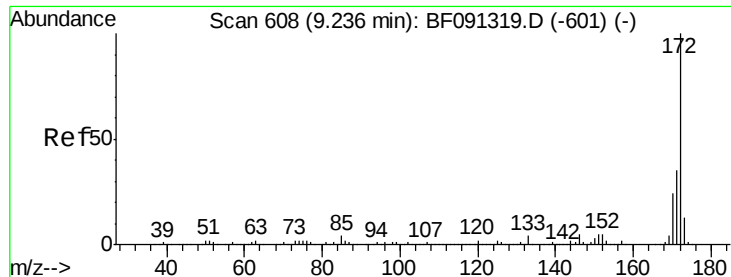
Tgt Ion:164 Resp: 363458
 Ion Ratio Lower Upper
 164 100
 162 95.9 82.6 124.0
 160 43.4 36.7 55.1



#41
 2,4,6-Tribromophenol
 Concen: 73.67 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091362.D
 Acq: 30 Nov 2016 18:51

Tgt Ion:330 Resp: 253488
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.2 114.4
 141 30.9 33.6 50.4#

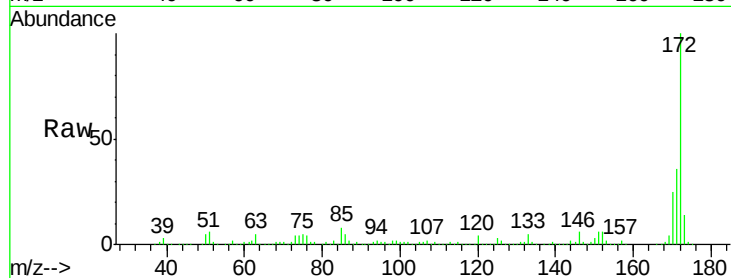




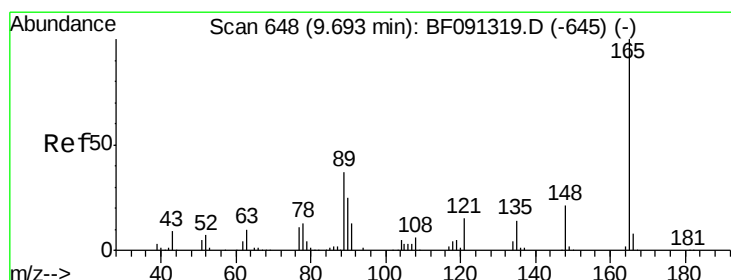
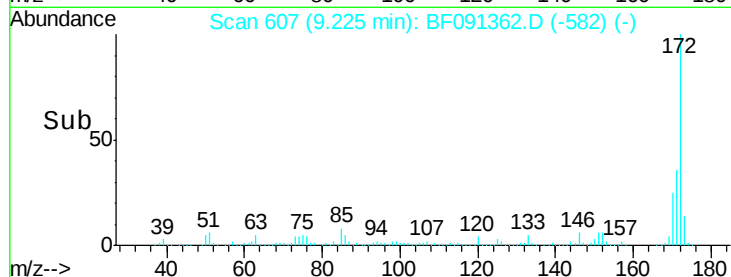
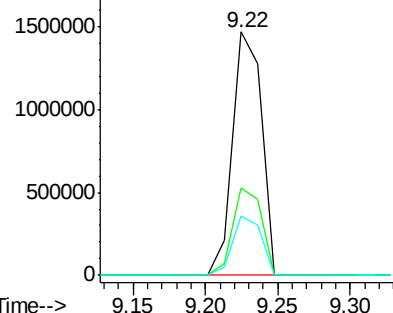
#44
 2-Fluorobiphenyl
 Concen: 101.51 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091362.D
 Acq: 30 Nov 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 112816-DSDC-F-D-S

Tgt Ion:172 Resp: 2037643
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.5 19.7 29.5

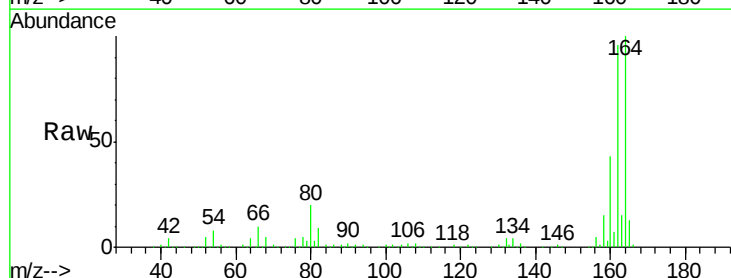


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

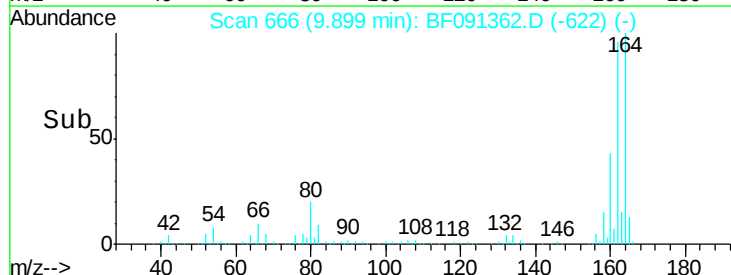
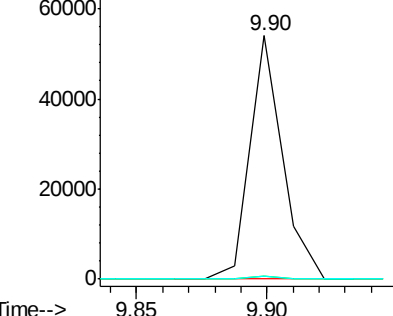


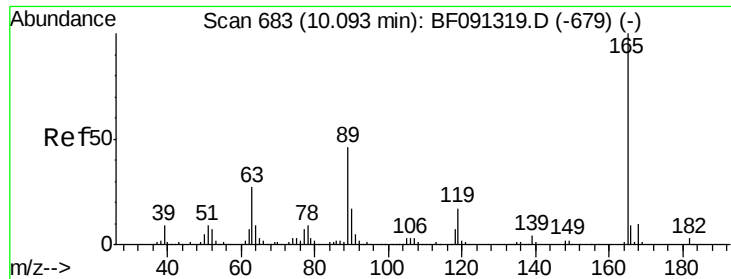
#50
 2,6-Dinitrotoluene
 Concen: 9.59 ng
 RT: 9.90 min Scan# 666
 Delta R.T. 0.20 min
 Lab File: BF091362.D
 Acq: 30 Nov 2016 18:51

Tgt Ion:165 Resp: 47159
 Ion Ratio Lower Upper
 165 100
 63 1.3 59.4 89.0#
 89 1.1 50.8 76.2#



Abundance Ion 165.00 (164.70 to 165.70): E
 60000
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

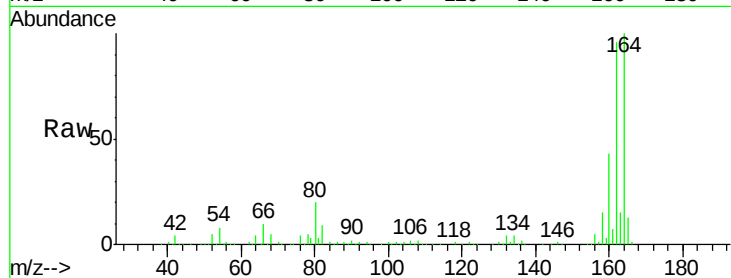




#56
 2,4-Dinitrotoluene
 Concen: 7.39 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.20 min
 Lab File: BF091362.D
 Acq: 30 Nov 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 112816-DSDC-F-D-S

Tgt Ion:	165	Resp:	47161
Ion Ratio	Lower	Upper	
165	100		
63	1.3	29.0	43.4#
89	1.1	43.1	64.7#
182	0.0	1.9	2.9#

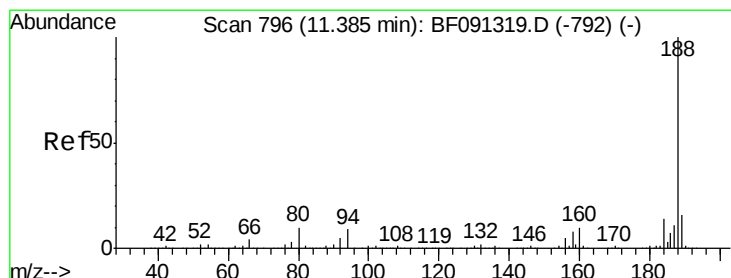
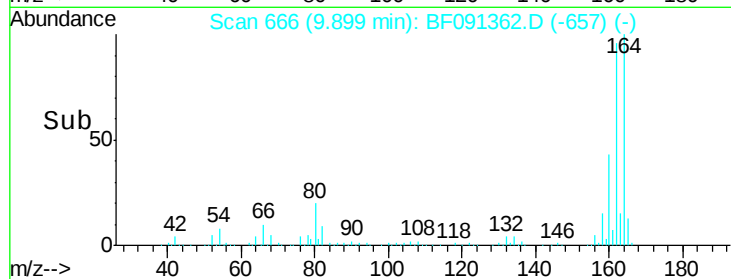
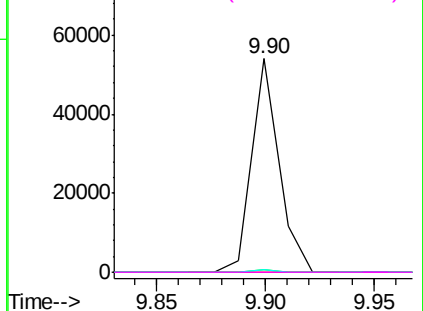


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

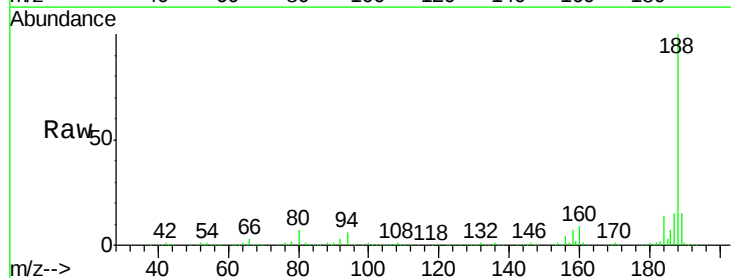
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF091362.D
 Acq: 30 Nov 2016 18:51

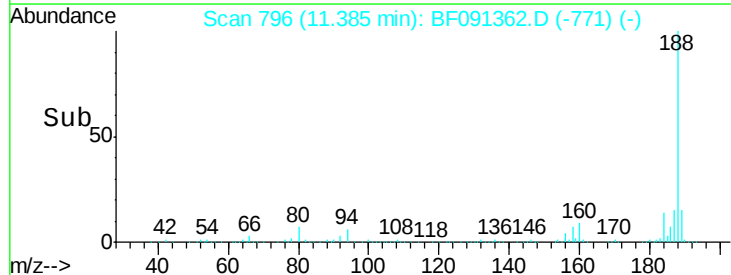
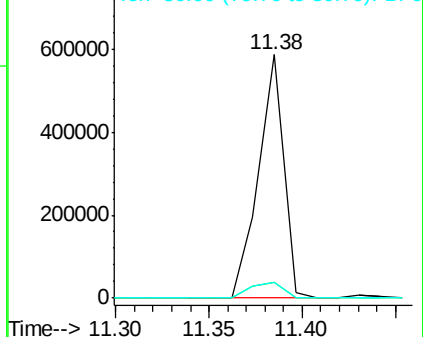
Tgt Ion:	188	Resp:	548792
Ion Ratio	Lower	Upper	
188	100		
94	6.5	9.2	13.8#
80	6.6	10.5	15.7#

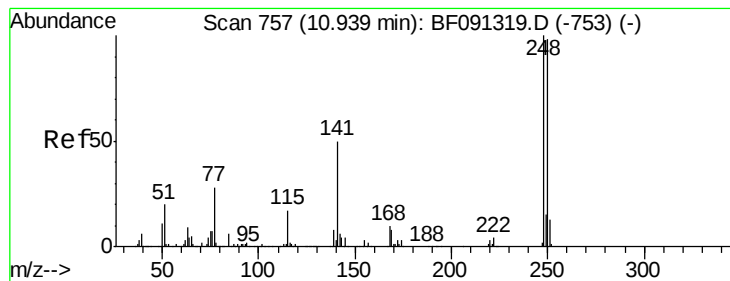


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.77 ng

RT: 10.69 min Scan# 735

Delta R.T. -0.27 min

Lab File: BF091362.D

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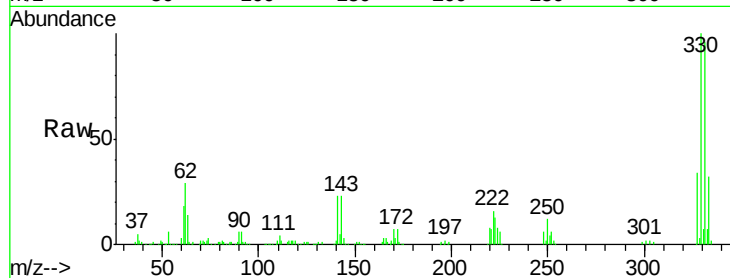
Tgt Ion:248 Resp: 16345

Ion Ratio Lower Upper

248 100

250 202.1 78.2 117.4#

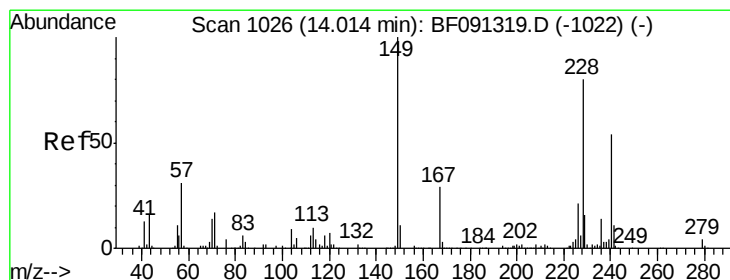
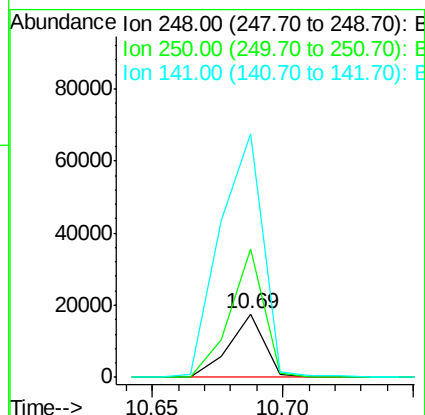
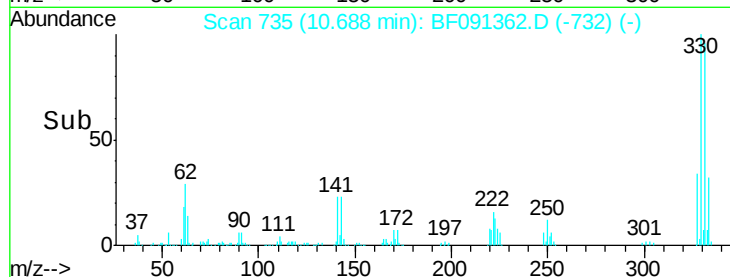
141 384.9 71.9 107.9#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091362.D

Acq: 30 Nov 2016 18:51

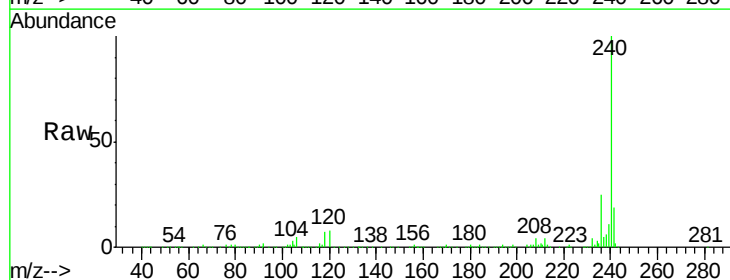
Tgt Ion:240 Resp: 426454

Ion Ratio Lower Upper

240 100

120 7.9 12.1 18.1#

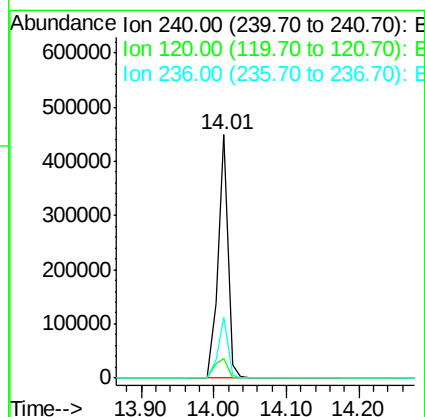
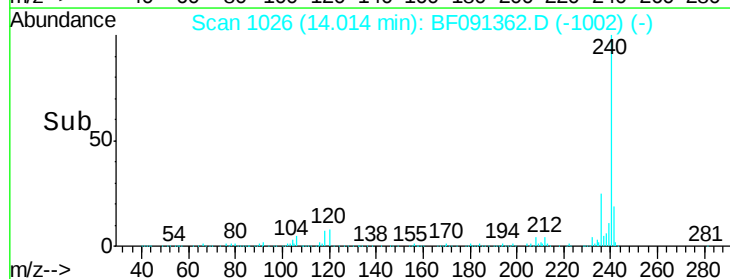
236 24.9 21.0 31.6

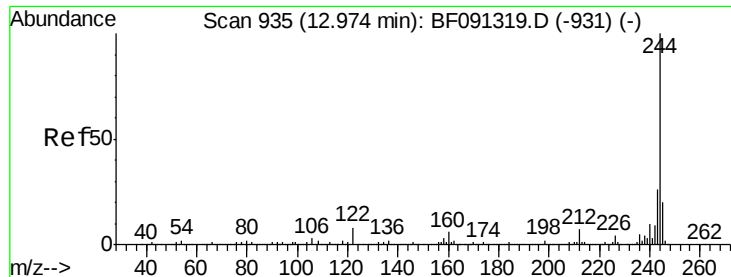


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.49 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091362.D

Acq: 30 Nov 2016 18:51

Instrument :

BNA_F

ClientSampleId :

112816-DSDC-F-D-S

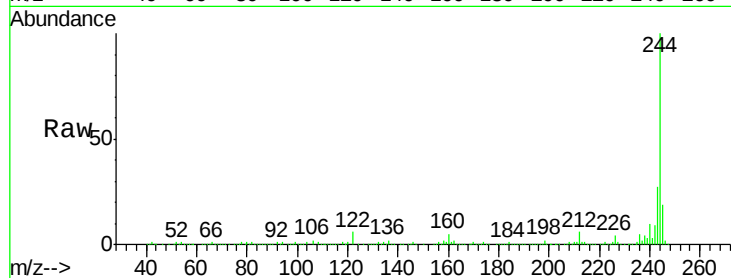
Tgt Ion:244 Resp: 1598815

Ion Ratio Lower Upper

244 100

212 6.5 6.5 9.7#

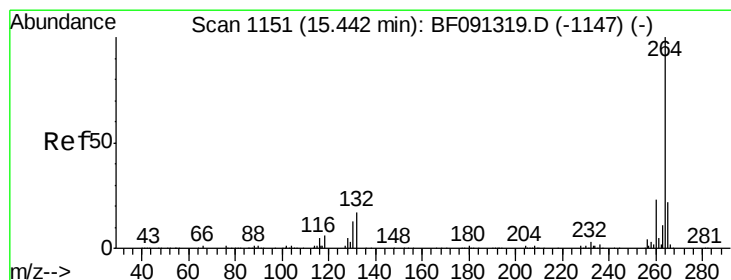
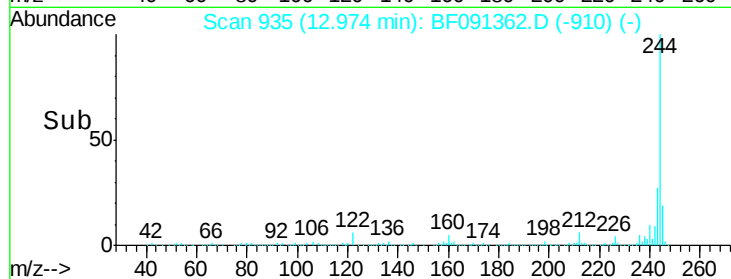
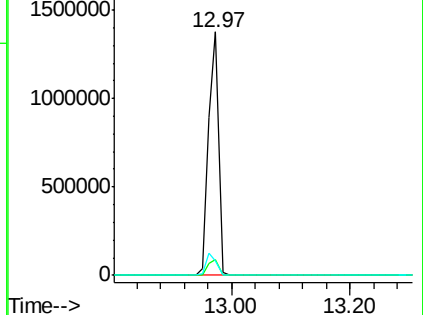
122 6.0 9.5 14.3#



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: 15.44 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF091362.D

Acq: 30 Nov 2016 18:51

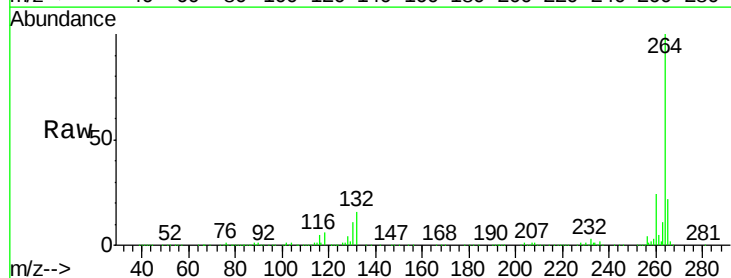
Tgt Ion:264 Resp: 399029

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 22.0 17.0 25.6



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

