

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
 Data File : BF091460.D
 Acq On : 6 Dec 2016 15:58
 Operator : UM/SJ
 Sample : H5740-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 113016-DSDC-F-D-S

Quant Time: Dec 07 00:01:19 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

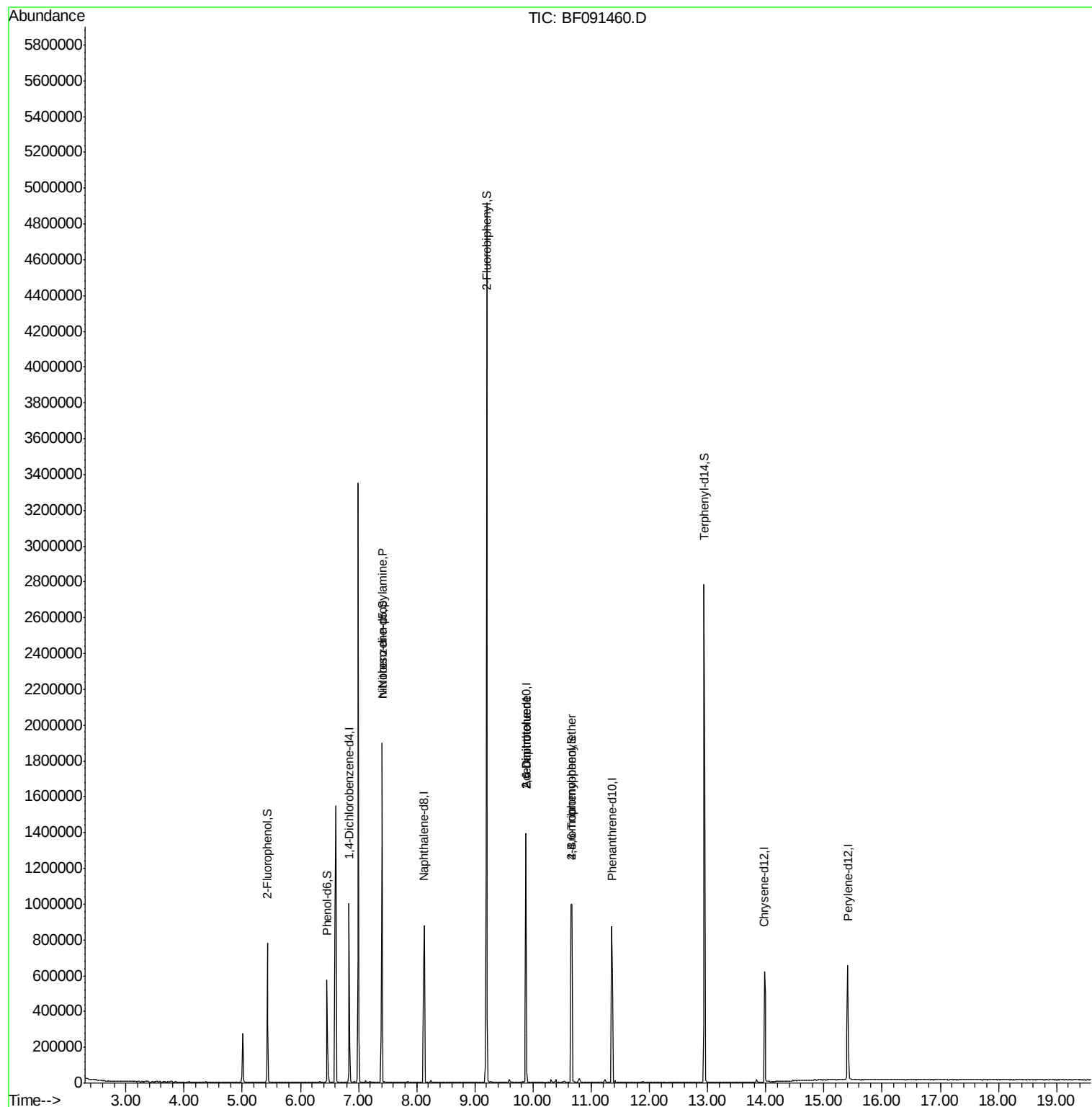
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	135218	20.00	ng	-0.04
21) Naphthalene-d8	8.13	136	504542	20.00	ng	-0.04
38) Acenaphthene-d10	9.88	164	296894	20.00	ng	-0.04
63) Phenanthrene-d10	11.35	188	439297	20.00	ng	-0.05
75) Chrysene-d12	13.98	240	311968	20.00	ng	-0.06
86) Perylene-d12	15.41	264	297057	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	204156	24.66	ng	-0.04
7) Phenol-d6	6.46	99	174025	17.08	ng	-0.04
23) Nitrobenzene-d5	7.41	82	775936	86.19	ng	-0.04
41) 2,4,6-Tribromophenol	10.66	330	193389	68.80	ng	-0.04
44) 2-Fluorobiphenyl	9.20	172	1489190	90.82	ng	-0.04
78) Terphenyl-d14	12.94	244	1233771	85.96	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	104397	16.26	ng	# 67
50) 2,6-Dinitrotoluene	9.88	165	38912	9.68	ng	# 16
56) 2,4-Dinitrotoluene	9.88	165	38914	7.47	ng	# 33
66) 4-Bromophenyl-phenylether	10.66	248	11599	2.46	ng	# 1

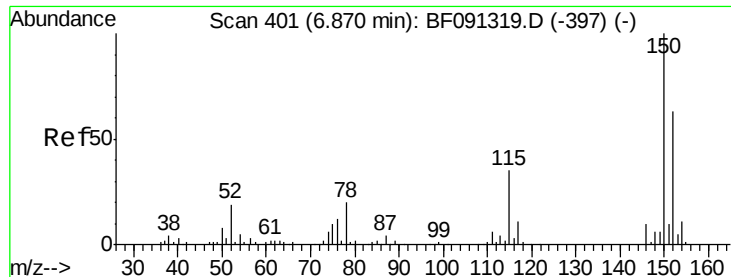
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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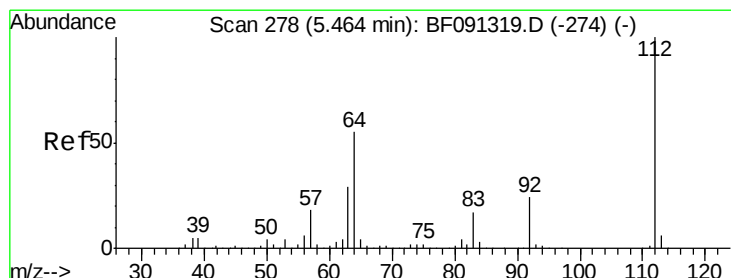
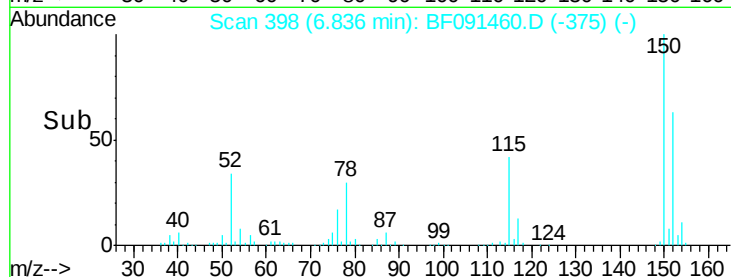
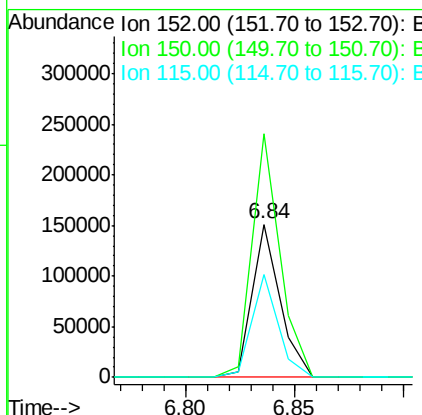
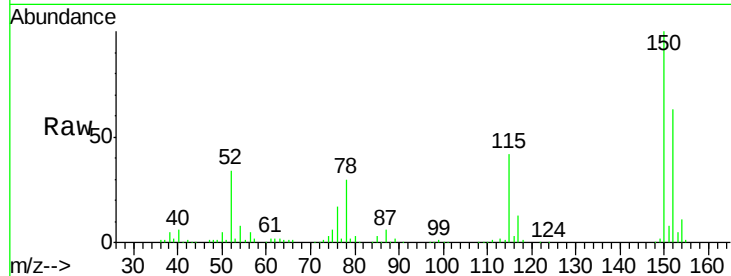




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.04 min
 Lab File: BF091460.D
 Acq: 6 Dec 2016 15:58

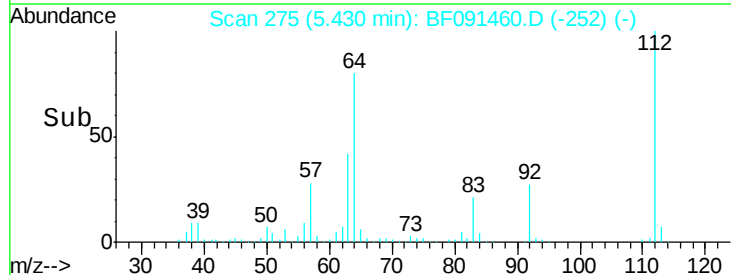
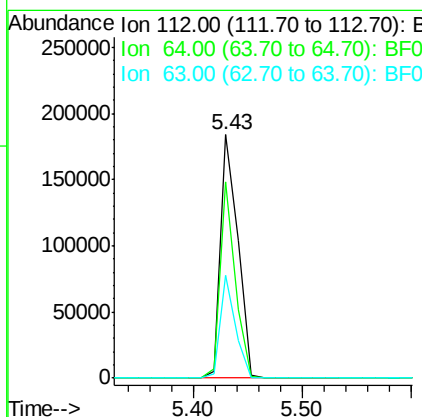
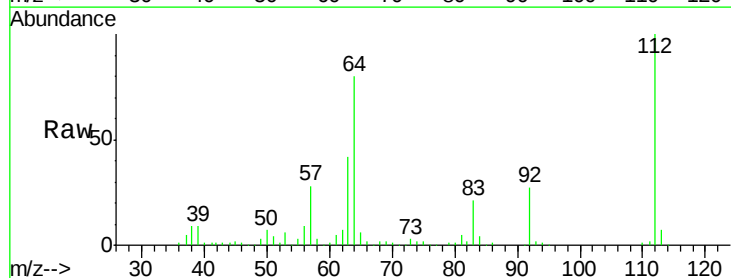
Instrument :
 BNA_F
 ClientSampleId :
 113016-DSDC-F-D-S

Tgt Ion:152 Resp: 135218
 Ion Ratio Lower Upper
 152 100
 150 159.2 122.5 183.7
 115 67.0 51.8 77.8



#5
 2-Fluorophenol
 Concen: 24.66 ng
 RT: 5.43 min Scan# 275
 Delta R.T. -0.04 min
 Lab File: BF091460.D
 Acq: 6 Dec 2016 15:58

Tgt Ion:112 Resp: 204156
 Ion Ratio Lower Upper
 112 100
 64 80.4 61.5 92.3
 63 42.0 33.3 49.9





#7

Phenol-d6

Concen: 17.08 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.04 min

Lab File: BF091460.D

Acq: 6 Dec 2016 15:58

Instrument :

BNA_F

ClientSampleId :

113016-DSDC-F-D-S

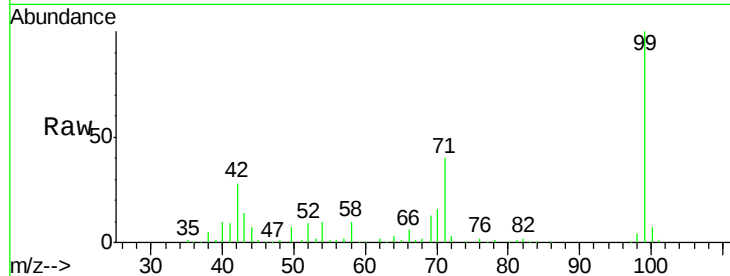
Tgt Ion: 99 Resp: 174025

Ion Ratio Lower Upper

99 100

42 27.6 20.6 31.0

71 39.5 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

200000

150000

100000

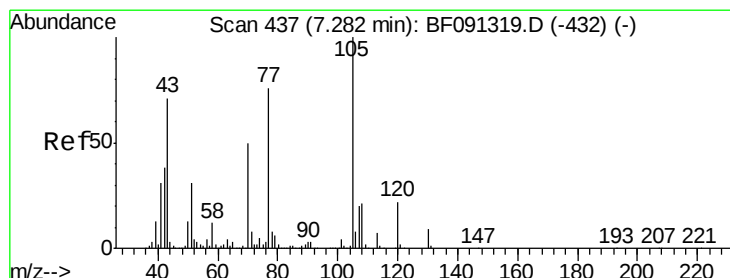
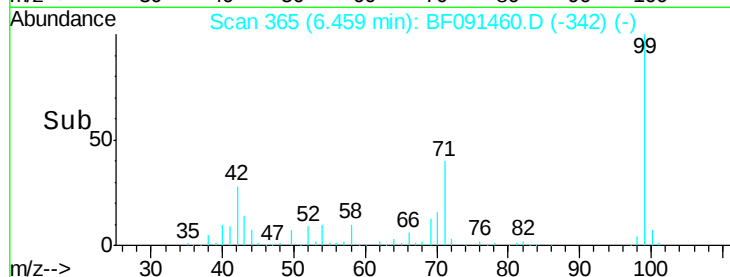
50000

0

6.46

6.40 6.45 6.50 6.55

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 16.26 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.11 min

Lab File: BF091460.D

Acq: 6 Dec 2016 15:58

Tgt Ion: 70 Resp: 104397

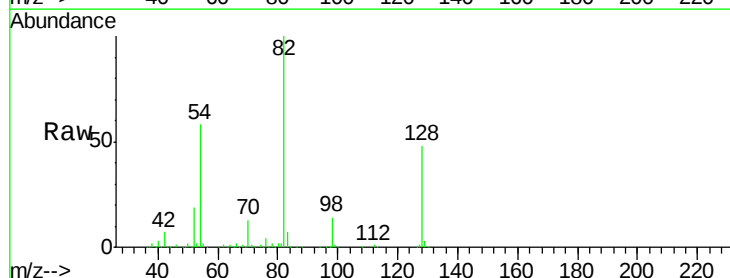
Ion Ratio Lower Upper

70 100

42 49.9 64.8 97.2#

101 0.0 6.2 9.4#

130 2.2 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

120000

100000

80000

60000

40000

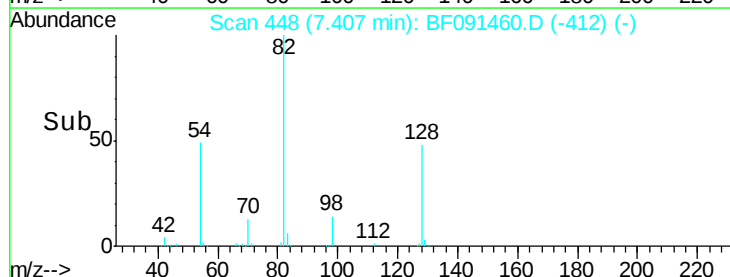
20000

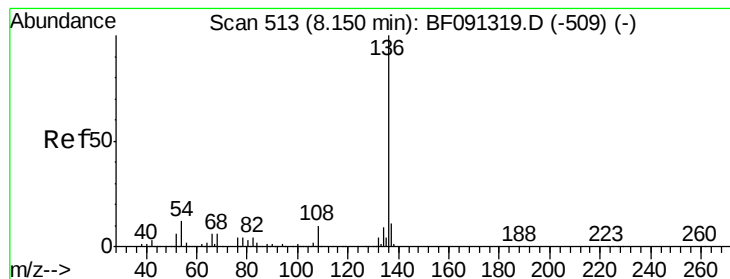
0

7.41

7.35 7.40 7.45

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.04 min

Lab File: BF091460.D

Acq: 6 Dec 2016 15:58

Instrument :

BNA_F

ClientSampleId :

113016-DSDC-F-D-S

Tgt Ion: 136 Resp: 504542

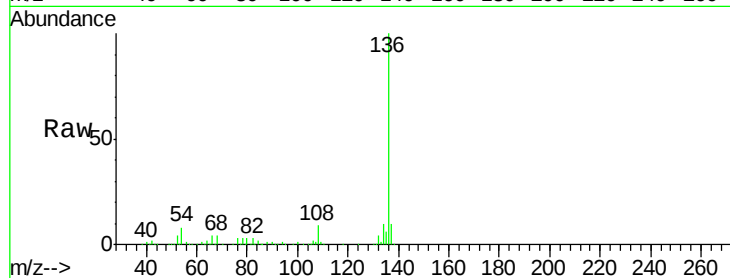
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 7.7 9.1 13.7#

68 3.8 5.9 8.9#

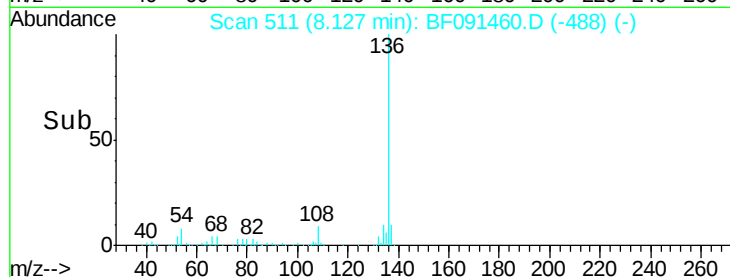


Abundance Ion 136.00 (135.70 to 136.70): E

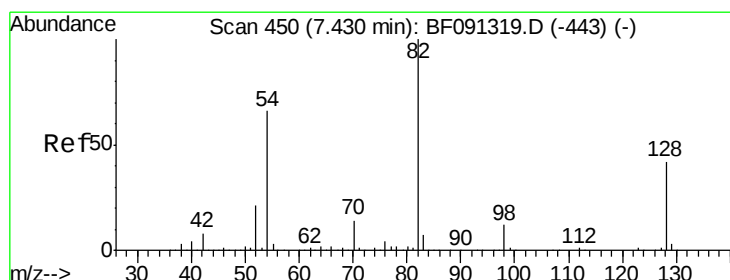
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 86.19 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.04 min

Lab File: BF091460.D

Acq: 6 Dec 2016 15:58

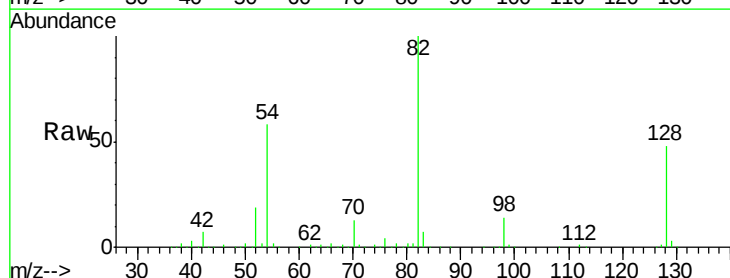
Tgt Ion: 82 Resp: 775936

Ion Ratio Lower Upper

82 100

128 48.3 31.8 47.6#

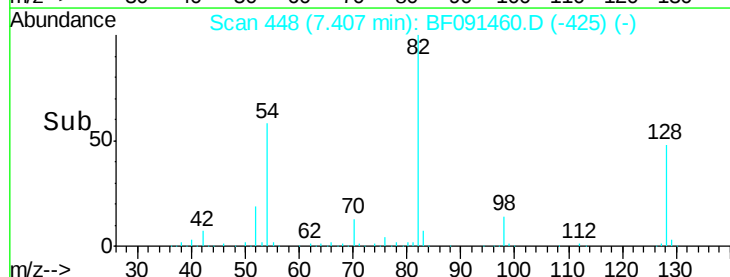
54 58.5 49.1 73.7



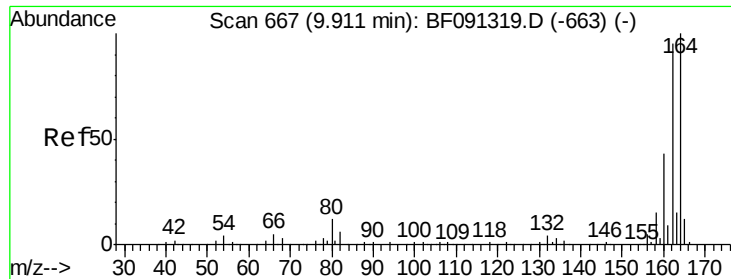
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



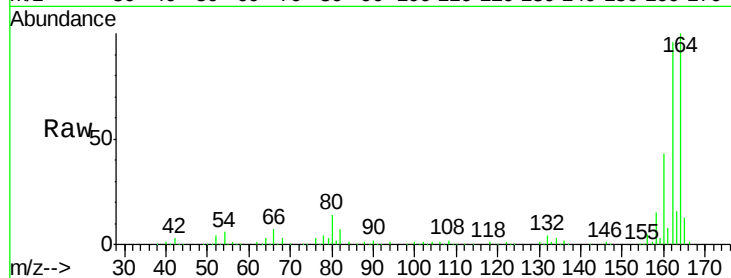
Time-->



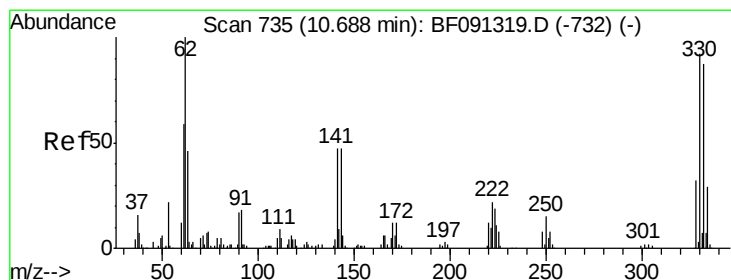
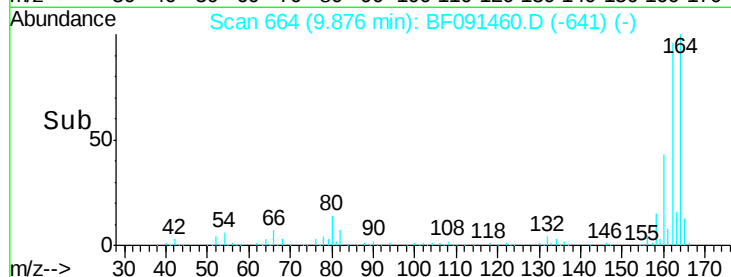
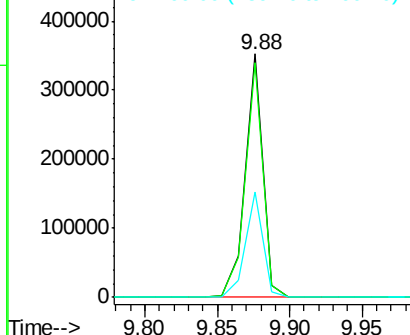
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.04 min
 Lab File: BF091460.D
 Acq: 6 Dec 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 113016-DSDC-F-D-S

Tgt Ion:164 Resp: 296894
 Ion Ratio Lower Upper
 164 100
 162 96.3 82.6 124.0
 160 43.2 36.7 55.1

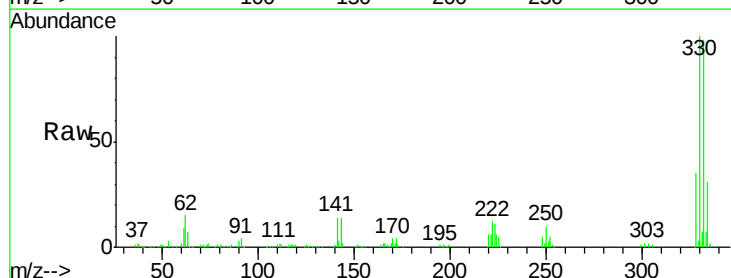


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

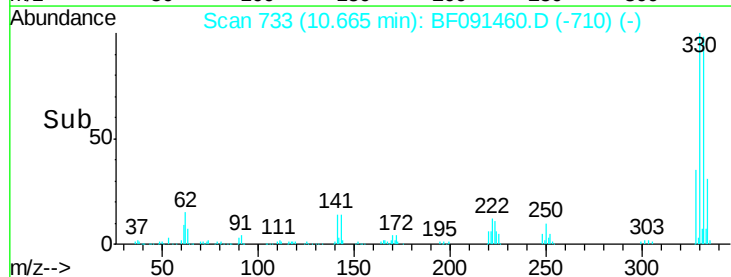
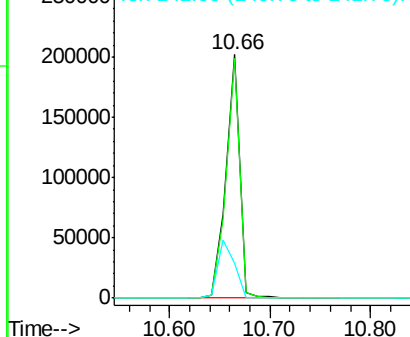


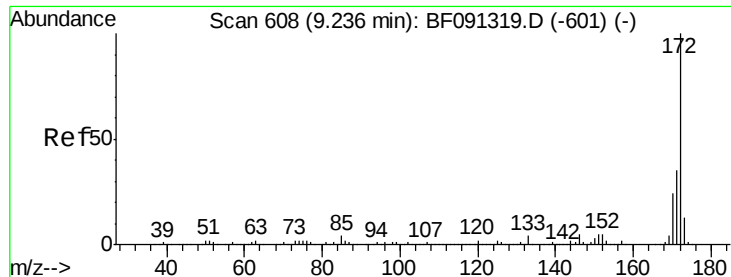
#41
 2,4,6-Tribromophenol
 Concen: 68.80 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.04 min
 Lab File: BF091460.D
 Acq: 6 Dec 2016 15:58

Tgt Ion:330 Resp: 193389
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.2 114.4
 141 28.6 33.6 50.4#



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

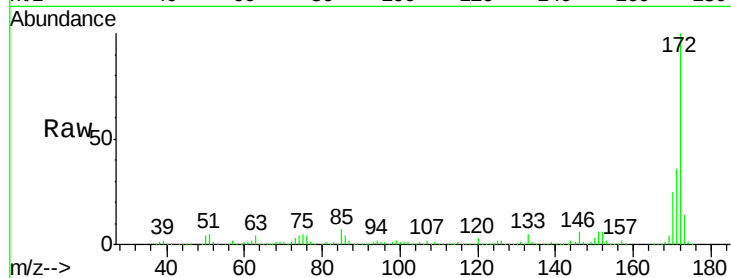




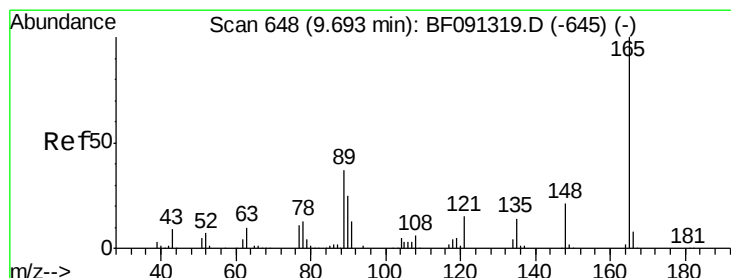
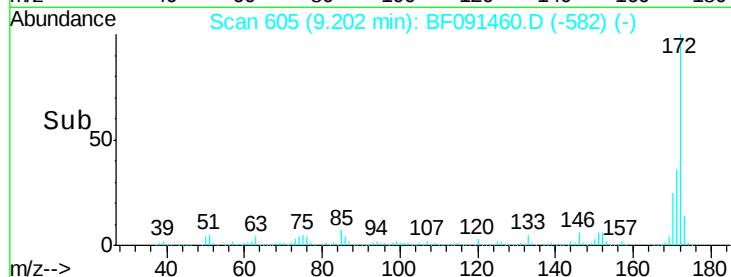
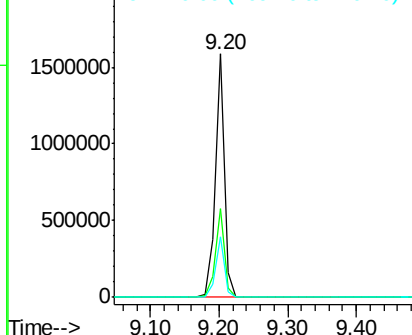
#44
 2-Fluorobiphenyl
 Concen: 90.82 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.04 min
 Lab File: BF091460.D
 Acq: 6 Dec 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 113016-DSDC-F-D-S

Tgt Ion:172 Resp: 1489190
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.7 19.7 29.5

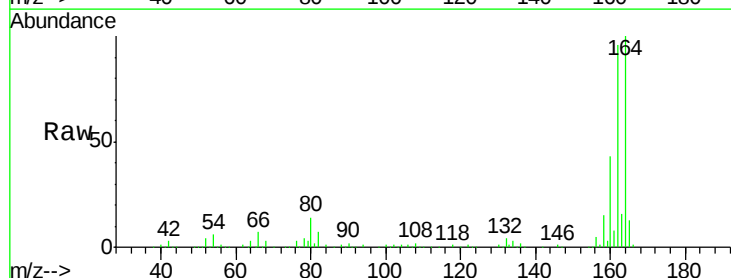


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

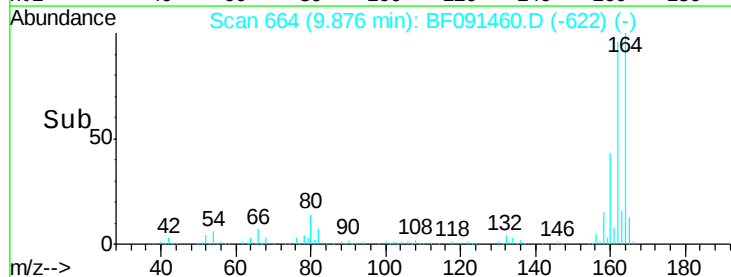
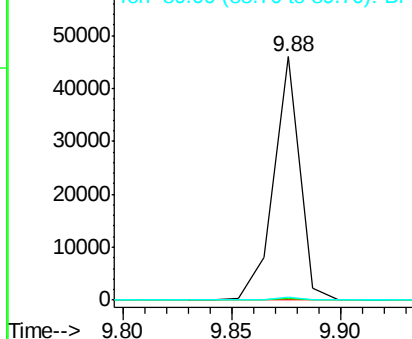


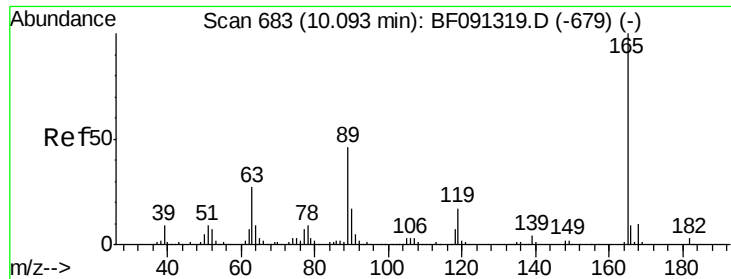
#50
 2,6-Dinitrotoluene
 Concen: 9.68 ng
 RT: 9.88 min Scan# 664
 Delta R.T. 0.18 min
 Lab File: BF091460.D
 Acq: 6 Dec 2016 15:58

Tgt Ion:165 Resp: 38912
 Ion Ratio Lower Upper
 165 100
 63 0.7 59.4 89.0#
 89 1.1 50.8 76.2#



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

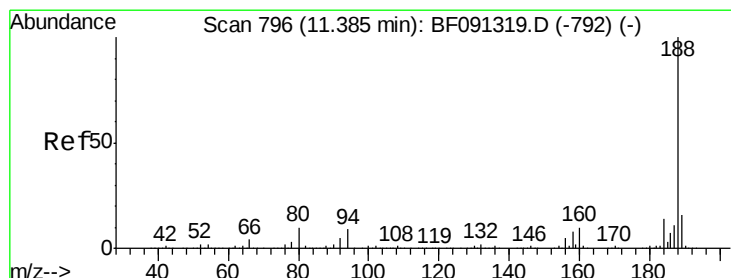
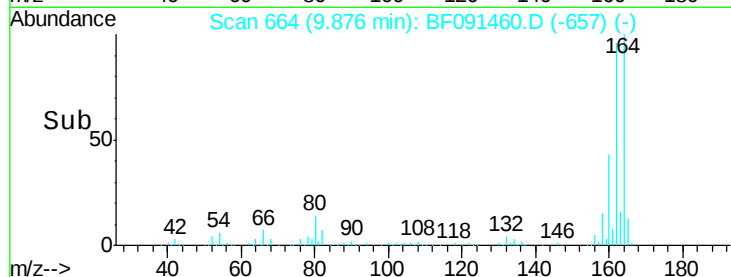
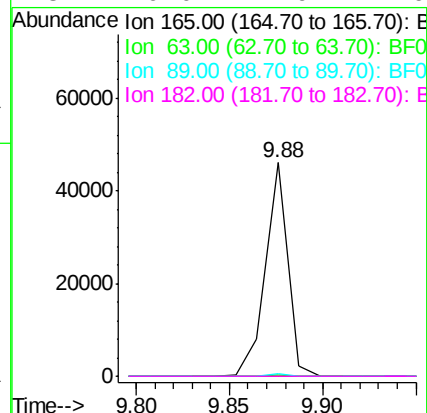
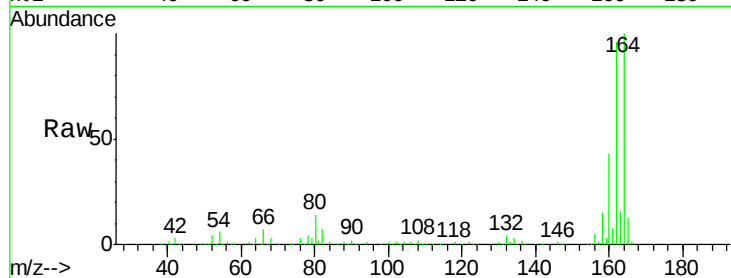




#56
2,4-Dinitrotoluene
Concen: 7.47 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.22 min
Lab File: BF091460.D
Acq: 6 Dec 2016 15:58

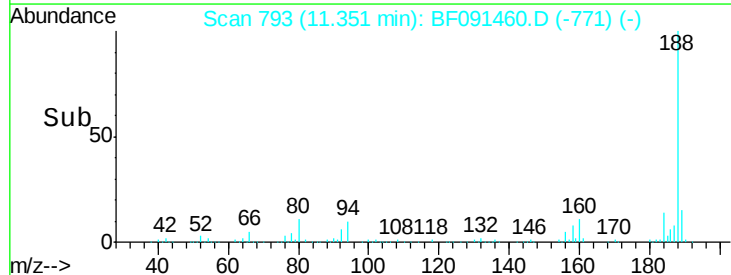
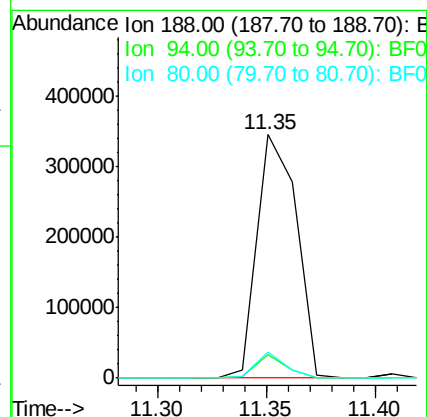
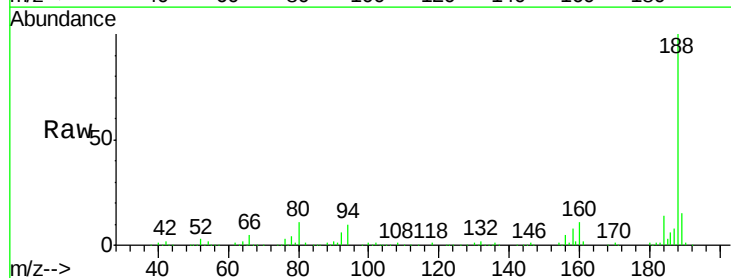
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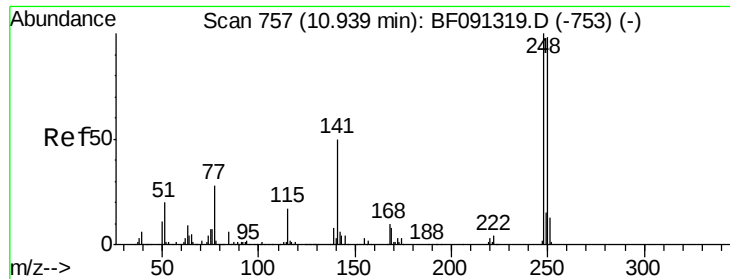
Tgt Ion:	165	Resp:	38914
Ion	Ratio	Lower	Upper
165	100		
63	0.7	29.0	43.4#
89	1.1	43.1	64.7#
182	0.0	1.9	2.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.05 min
Lab File: BF091460.D
Acq: 6 Dec 2016 15:58

Tgt Ion:	188	Resp:	439297
Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.2	13.8
80	10.9	10.5	15.7





#66

4-Bromophenyl-phenylether

Concen: 2.46 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.29 min

Lab File: BF091460.D

Acq: 6 Dec 2016 15:58

Instrument :

BNA_F

ClientSampleId :

113016-DSDC-F-D-S

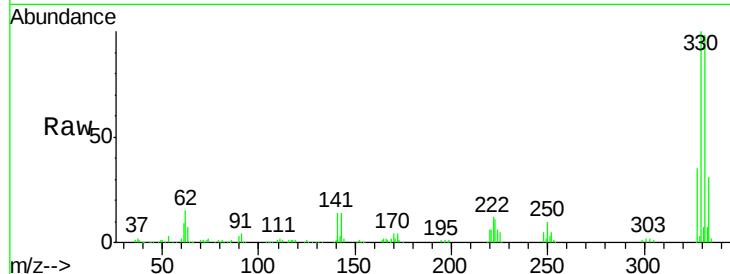
Tgt Ion:248 Resp: 11599

Ion Ratio Lower Upper

248 100

250 194.0 78.2 117.4#

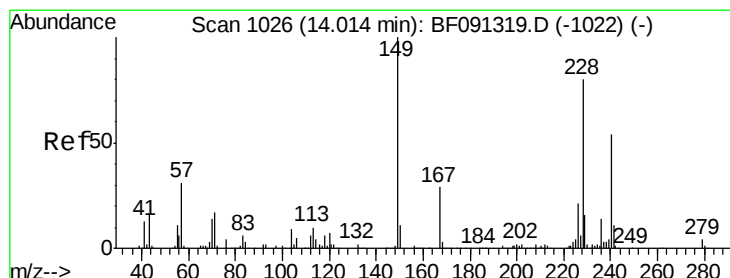
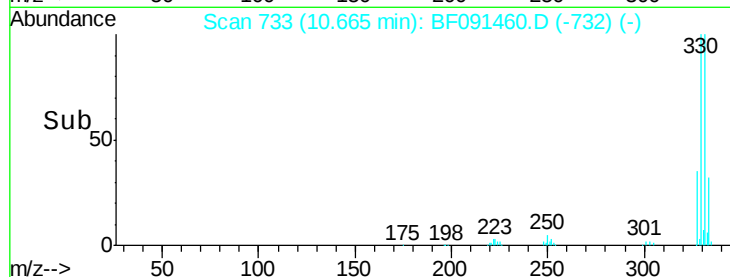
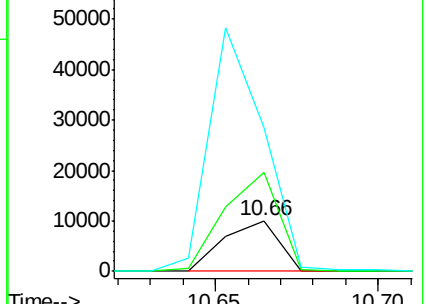
141 283.5 71.9 107.9#



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: 13.98 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF091460.D

Acq: 6 Dec 2016 15:58

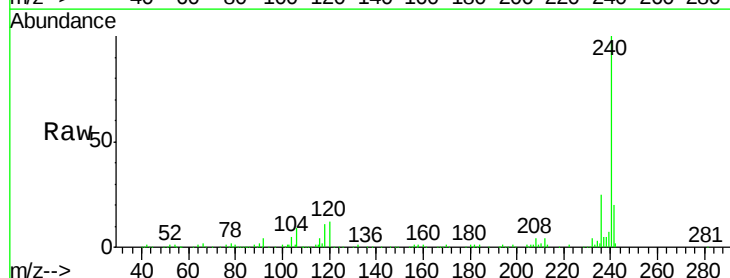
Tgt Ion:240 Resp: 311968

Ion Ratio Lower Upper

240 100

120 11.8 12.1 18.1#

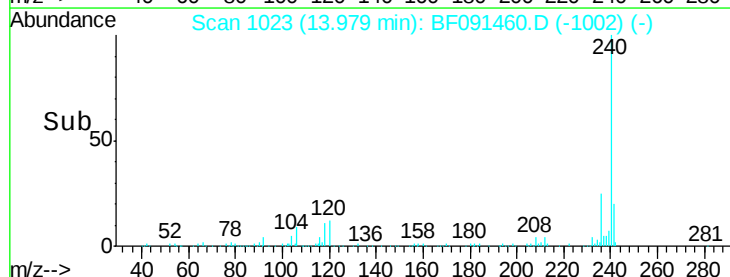
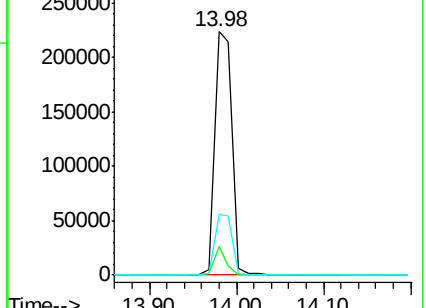
236 25.0 21.0 31.6

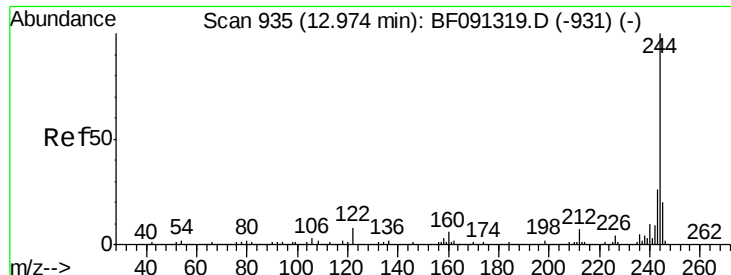


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

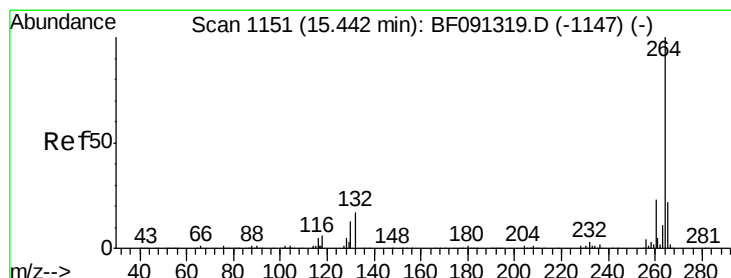
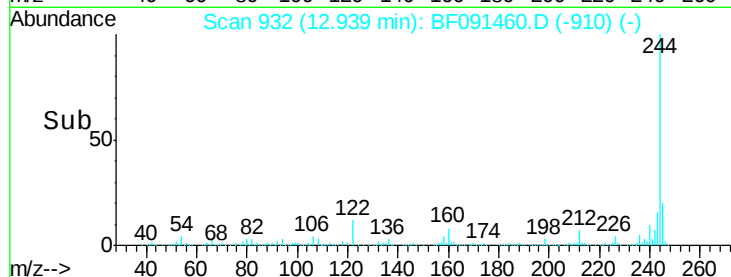
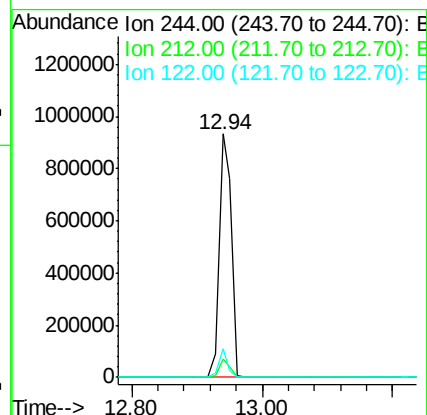
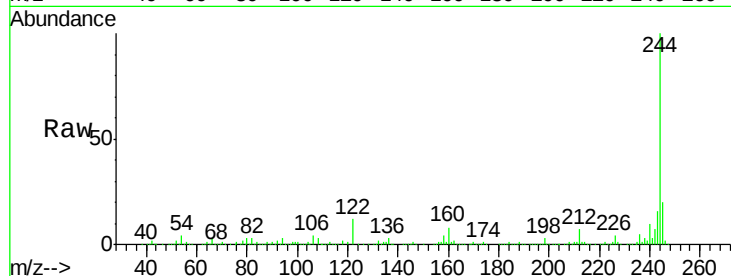




#78
 Terphenyl-d14
 Concen: 85.96 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.05 min
 Lab File: BF091460.D
 Acq: 6 Dec 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 113016-DSDC-F-D-S

Tgt Ion:244 Resp: 1233771
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 11.9 9.5 14.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1148
 Delta R.T. -0.06 min
 Lab File: BF091460.D
 Acq: 6 Dec 2016 15:58

Tgt Ion:264 Resp: 297057
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 22.4 17.0 25.6

