

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
 Data File : BF091459.D
 Acq On : 6 Dec 2016 15:30
 Operator : UM/SJ
 Sample : H5740-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Dec 07 00:01:04 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

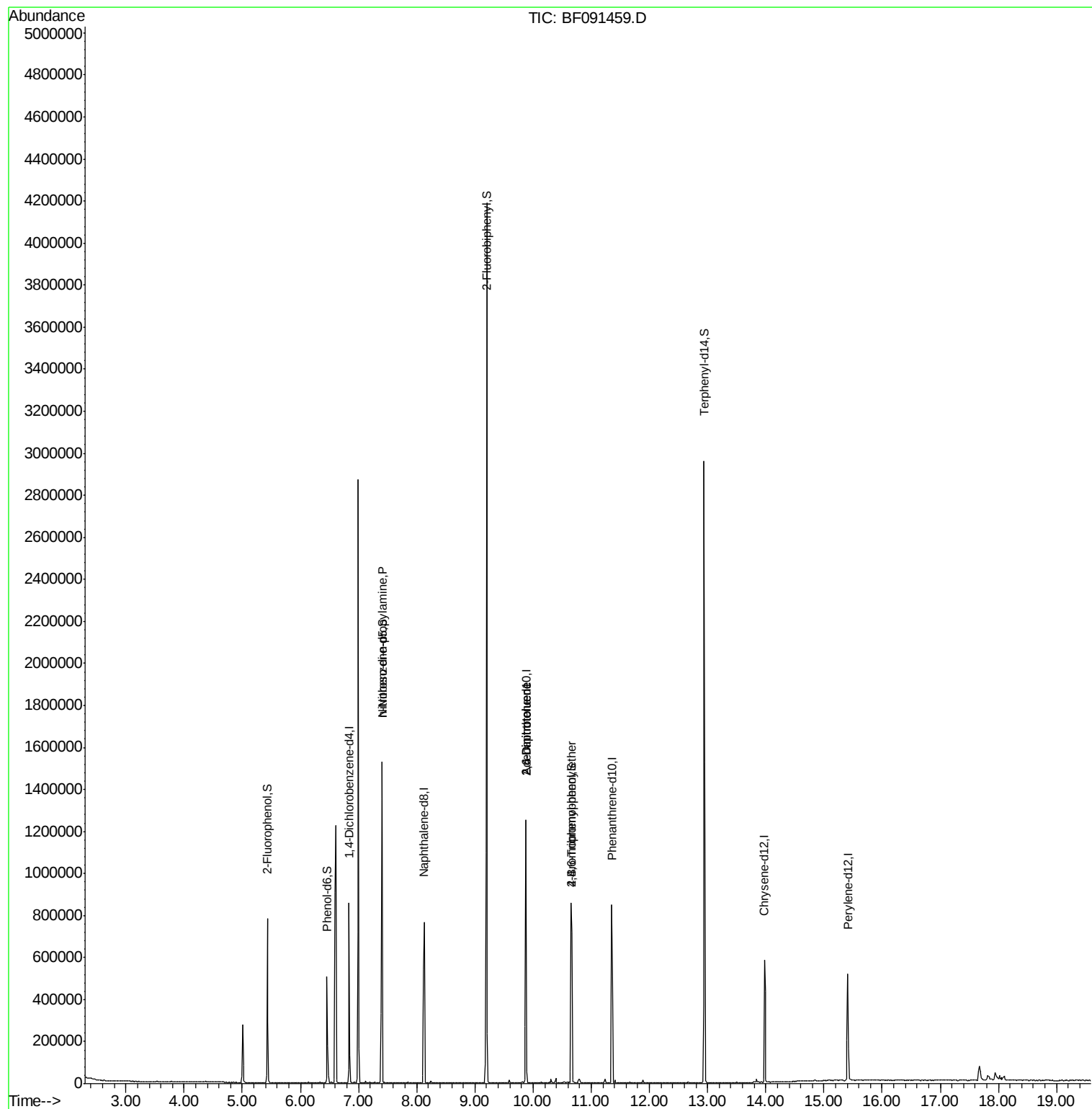
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	114972	20.00	ng	-0.04
21) Naphthalene-d8	8.13	136	453981	20.00	ng	-0.04
38) Acenaphthene-d10	9.88	164	271888	20.00	ng	-0.04
63) Phenanthrene-d10	11.35	188	407264	20.00	ng	-0.05
75) Chrysene-d12	13.98	240	289788	20.00	ng	-0.06
86) Perylene-d12	15.41	264	244600	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	196134	27.87	ng	-0.04
7) Phenol-d6	6.46	99	152737	17.63	ng	-0.04
23) Nitrobenzene-d5	7.41	82	718157	88.65	ng	-0.04
41) 2,4,6-Tribromophenol	10.66	330	161193	62.62	ng	-0.04
44) 2-Fluorobiphenyl	9.20	172	1291248	85.99	ng	-0.04
78) Terphenyl-d14	12.94	244	1205564	90.42	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	96722	17.72	ng	# 67
50) 2,6-Dinitrotoluene	9.88	165	35653	9.69	ng	# 16
56) 2,4-Dinitrotoluene	9.88	165	35654	7.47	ng	# 33
66) 4-Bromophenyl-phenylether	10.66	248	9298	2.12	ng	# 1

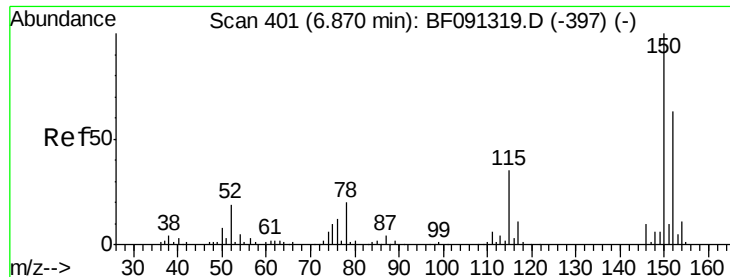
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091459.D
Acq On : 6 Dec 2016 15:30
Operator : UM/SJ
Sample : H5740-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Dec 07 00:01:04 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.04 min

Lab File: BF091459.D

Acq: 6 Dec 2016 15:30

Instrument :

BNA_F

ClientSampleId :

113016-DSDC-F-D-B

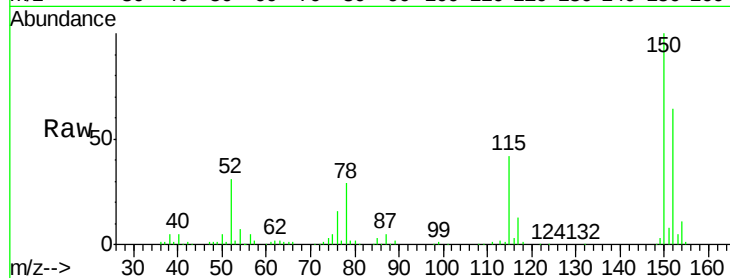
Tgt Ion:152 Resp: 114972

Ion Ratio Lower Upper

152 100

150 155.6 122.5 183.7

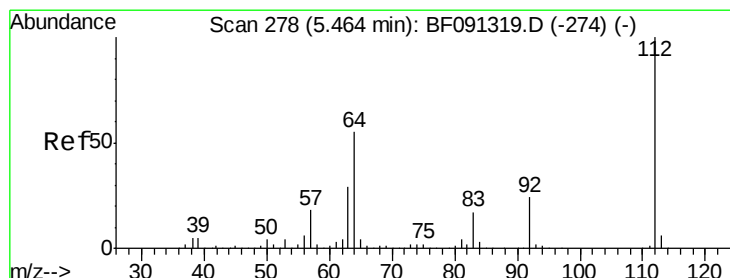
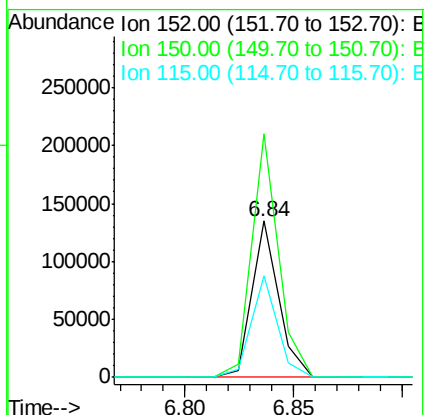
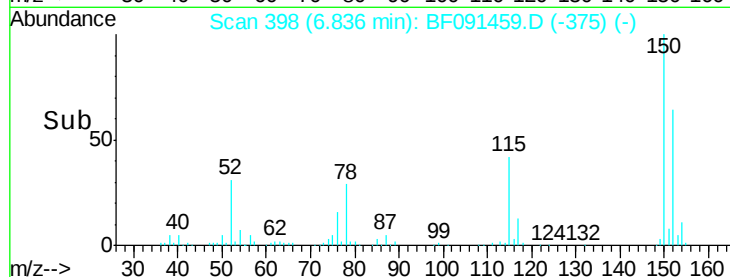
115 65.3 51.8 77.8



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



#5

2-Fluorophenol

Concen: 27.87 ng

RT: 5.43 min Scan# 275

Delta R.T. -0.04 min

Lab File: BF091459.D

Acq: 6 Dec 2016 15:30

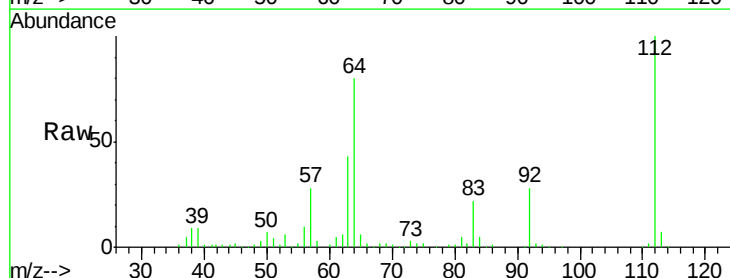
Tgt Ion:112 Resp: 196134

Ion Ratio Lower Upper

112 100

64 80.3 61.5 92.3

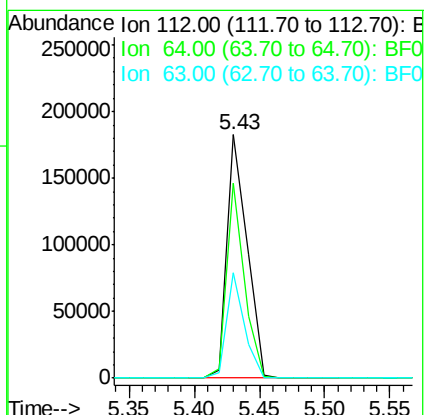
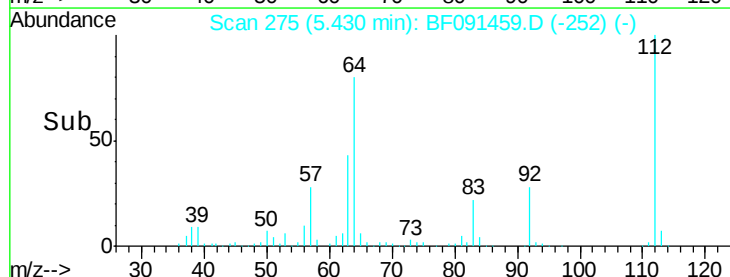
63 43.2 33.3 49.9

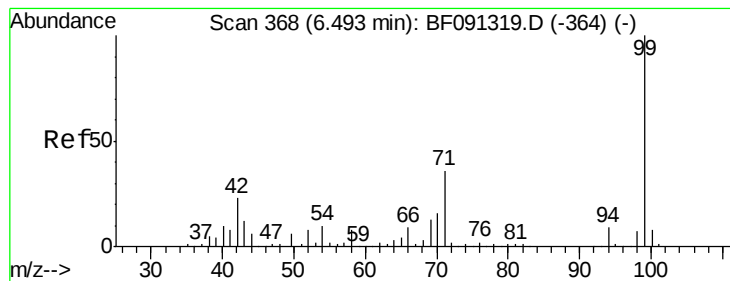


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 17.63 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.04 min

Lab File: BF091459.D

Acq: 6 Dec 2016 15:30

Instrument :

BNA_F

ClientSampleId :

113016-DSDC-F-D-B

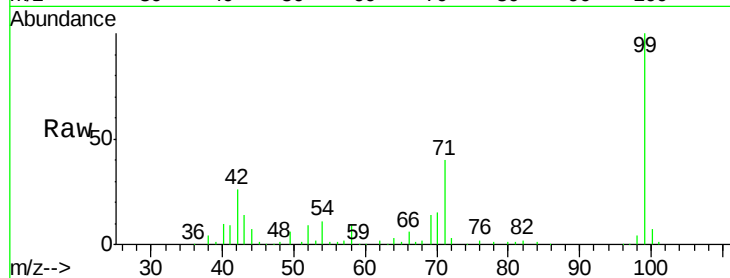
Tgt Ion: 99 Resp: 152737

Ion Ratio Lower Upper

99 100

42 26.1 20.6 31.0

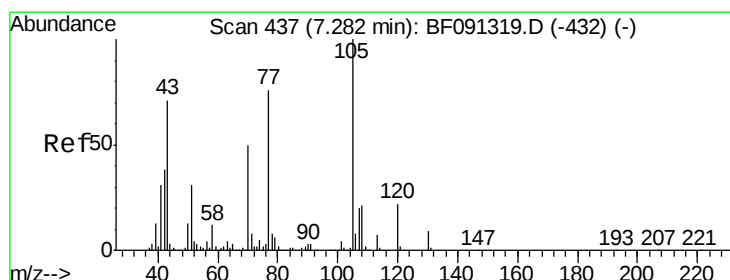
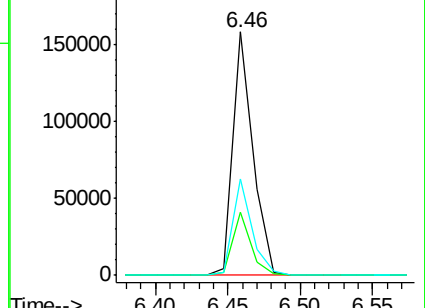
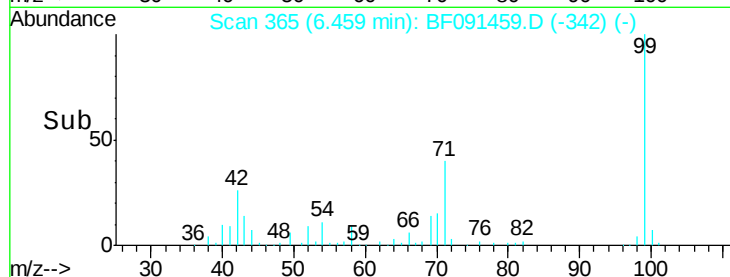
71 39.6 29.9 44.9



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: 17.72 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.11 min

Lab File: BF091459.D

Acq: 6 Dec 2016 15:30

Tgt Ion: 70 Resp: 96722

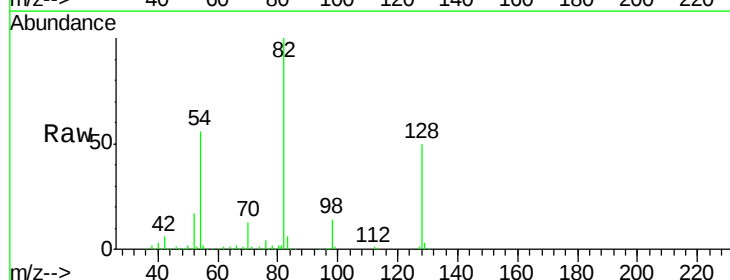
Ion Ratio Lower Upper

70 100

42 50.0 64.8 97.2#

101 0.0 6.2 9.4#

130 2.5 11.7 17.5#

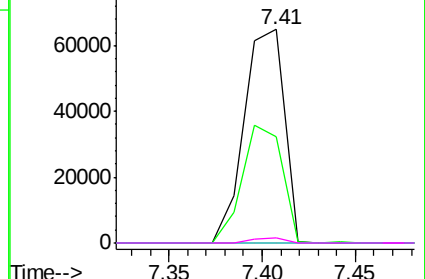
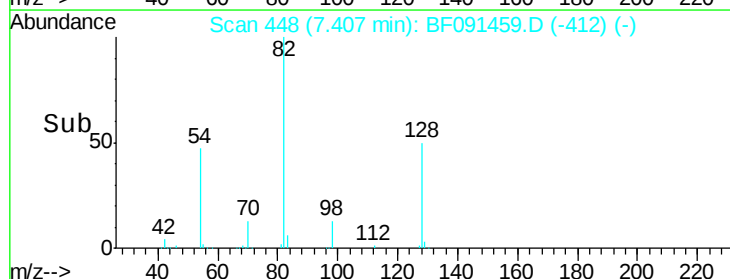


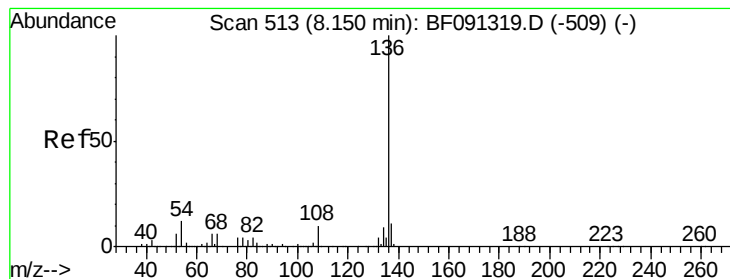
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.13 min Scan# 511

Delta R.T. -0.04 min

Lab File: BF091459.D

Acq: 6 Dec 2016 15:30

Instrument :

BNA_F

ClientSampleId :

113016-DSDC-F-D-B

Tgt Ion: 136 Resp: 453981

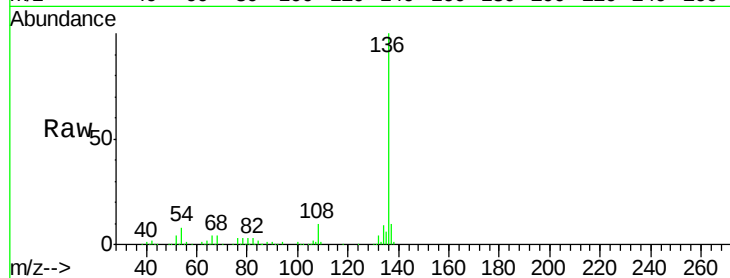
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 7.7 9.1 13.7#

68 3.6 5.9 8.9#

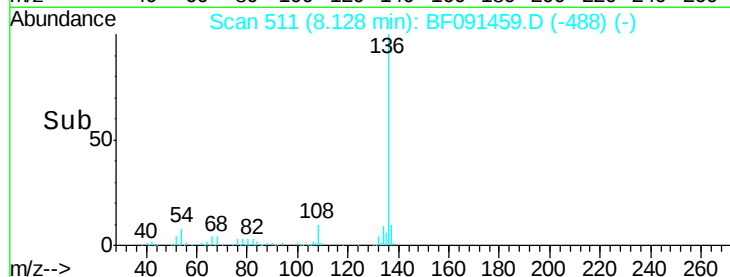


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

8.13

400000

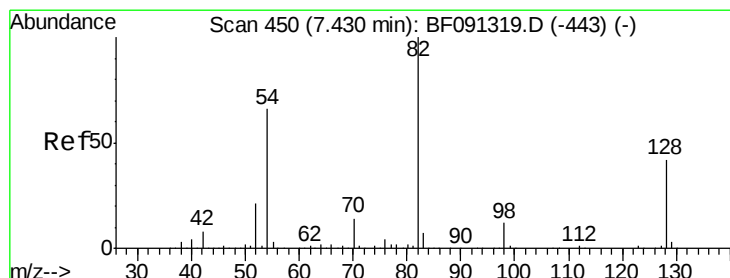
300000

200000

100000

0

Time-->



#23

Nitrobenzene-d5

Concen: 88.65 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.04 min

Lab File: BF091459.D

Acq: 6 Dec 2016 15:30

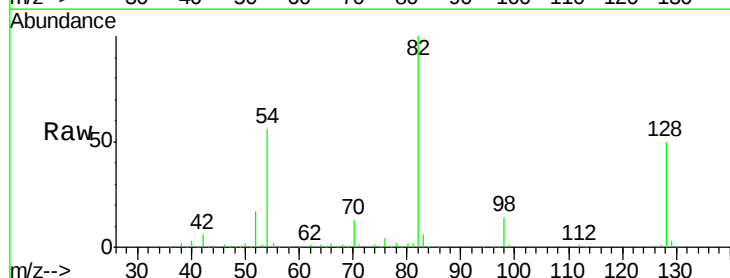
Tgt Ion: 82 Resp: 718157

Ion Ratio Lower Upper

82 100

128 49.9 31.8 47.6#

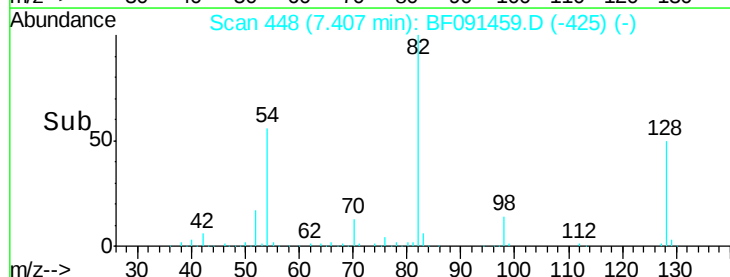
54 55.8 49.1 73.7



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



Abundance

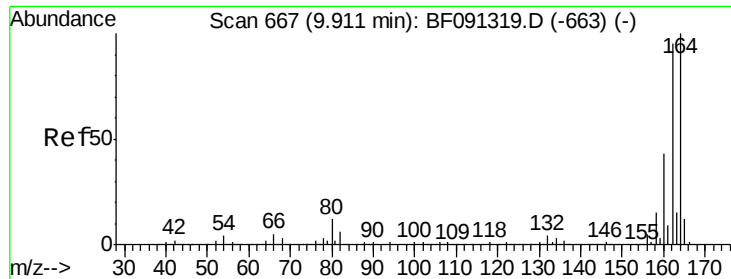
7.41

400000

200000

0

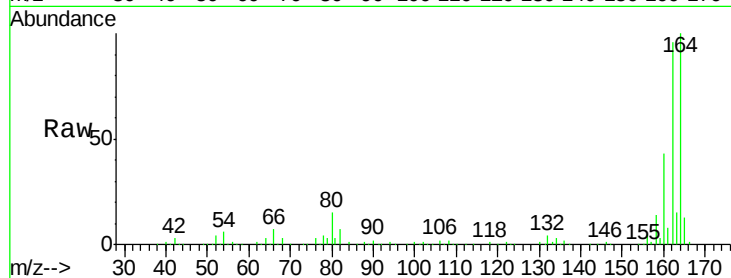
Time-->



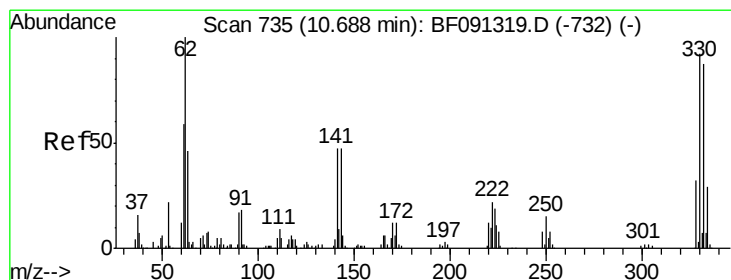
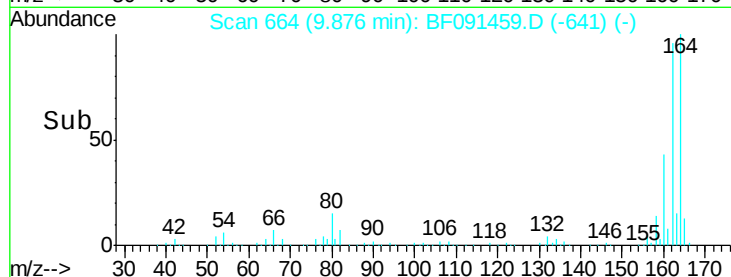
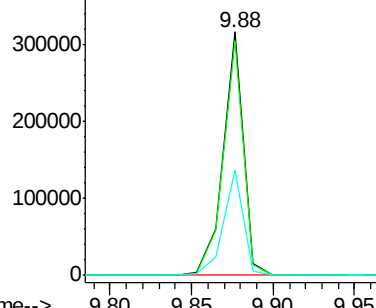
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.04 min
 Lab File: BF091459.D
 Acq: 6 Dec 2016 15:30

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

Tgt Ion:164 Resp: 271888
 Ion Ratio Lower Upper
 164 100
 162 96.3 82.6 124.0
 160 43.3 36.7 55.1

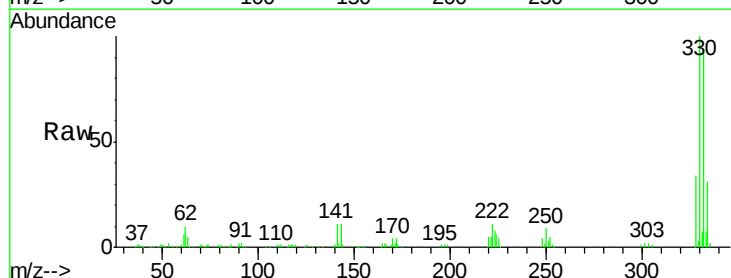


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

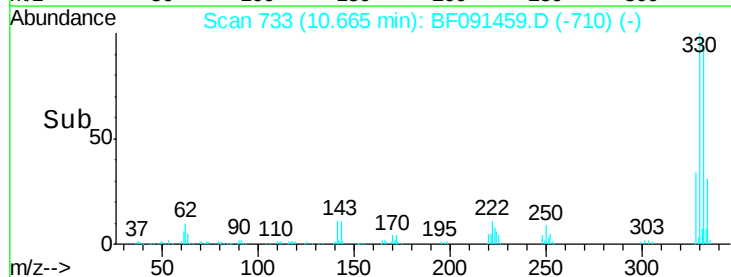
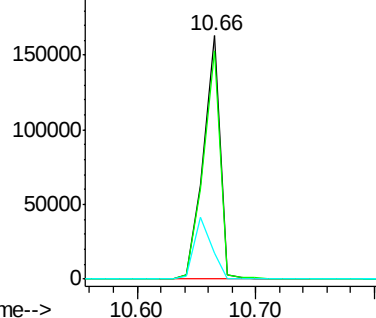


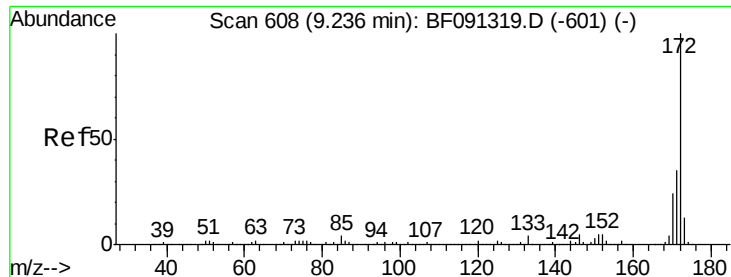
#41
 2,4,6-Tribromophenol
 Concen: 62.62 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.04 min
 Lab File: BF091459.D
 Acq: 6 Dec 2016 15:30

Tgt Ion:330 Resp: 161193
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.2 114.4
 141 26.4 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

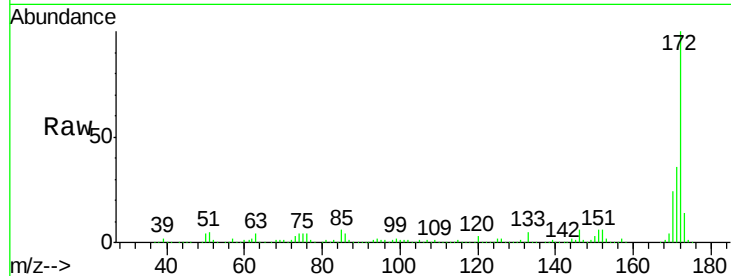




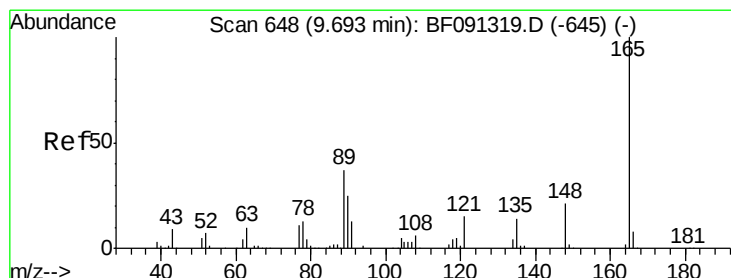
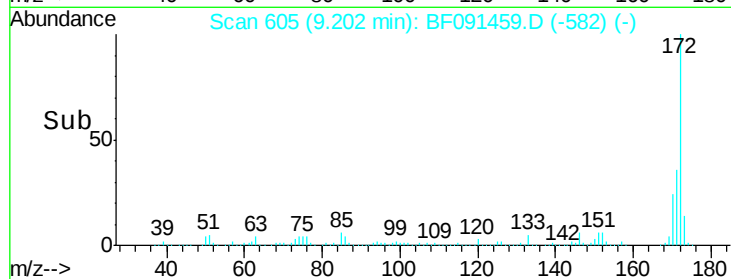
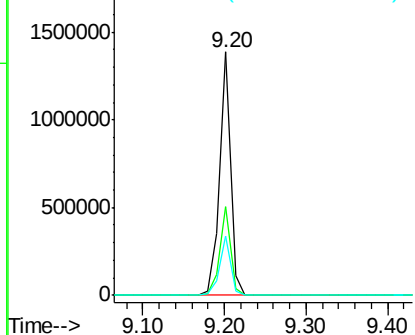
#44
 2-Fluorobiphenyl
 Concen: 85.99 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.04 min
 Lab File: BF091459.D
 Acq: 6 Dec 2016 15:30

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

Tgt Ion:172 Resp: 1291248
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.2 19.7 29.5

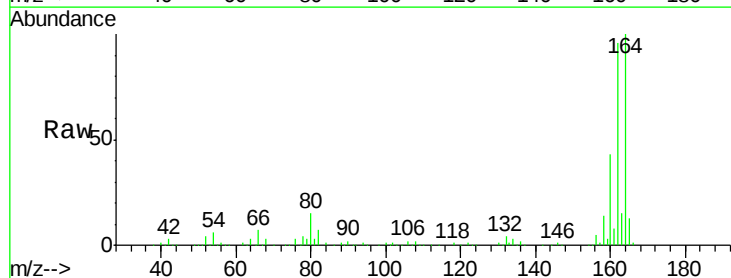


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

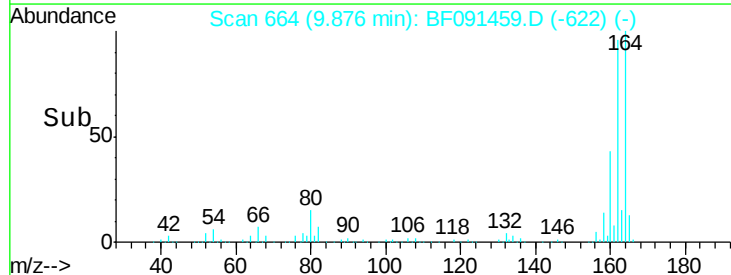
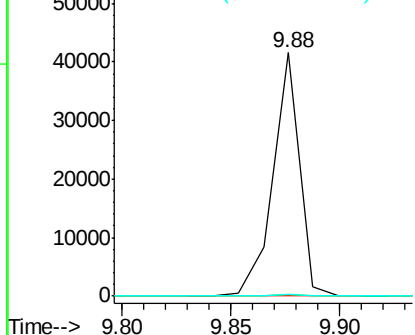


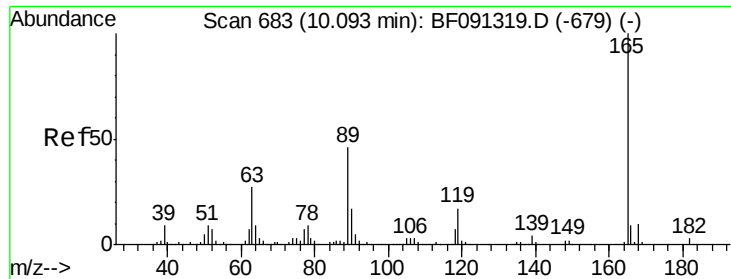
#50
 2,6-Dinitrotoluene
 Concen: 9.69 ng
 RT: 9.88 min Scan# 664
 Delta R.T. 0.18 min
 Lab File: BF091459.D
 Acq: 6 Dec 2016 15:30

Tgt Ion:165 Resp: 35653
 Ion Ratio Lower Upper
 165 100
 63 0.8 59.4 89.0#
 89 0.8 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

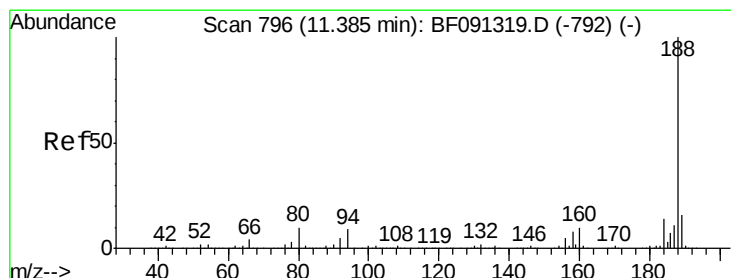
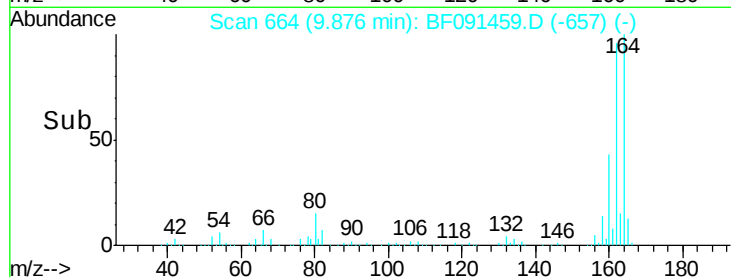
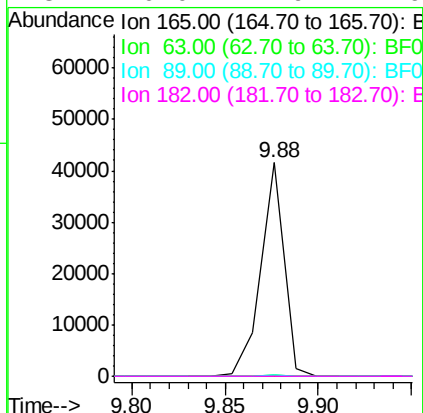
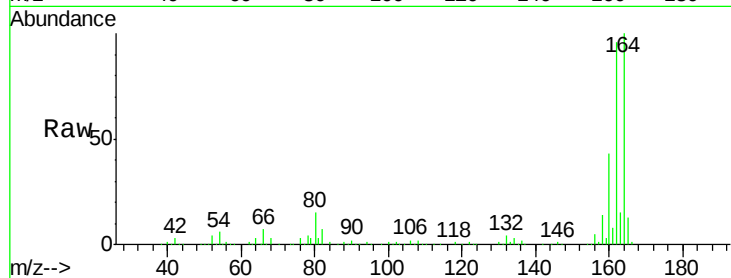




#56
 2,4-Dinitrotoluene
 Concen: 7.47 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.22 min
 Lab File: BF091459.D
 Acq: 6 Dec 2016 15:30

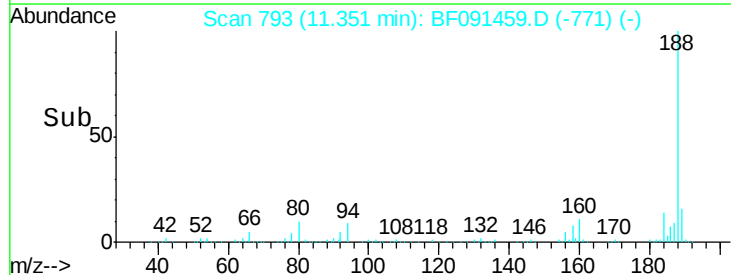
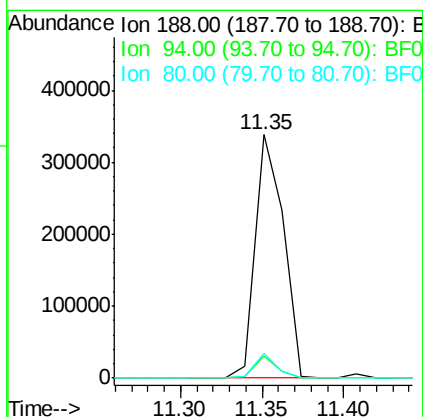
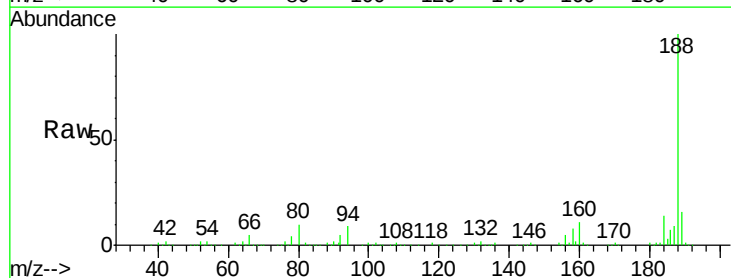
Instrument :
 BNA_F
 ClientSampleId :
 113016-DSDC-F-D-B

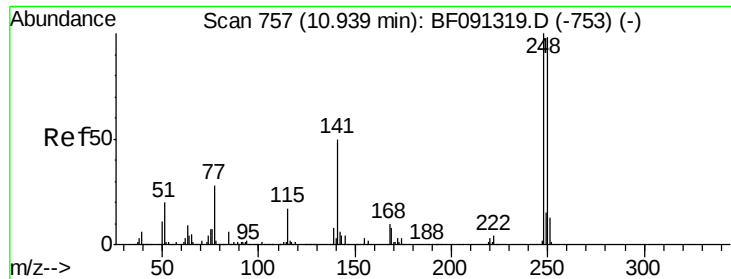
Tgt Ion:	165	Resp:	35654
Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.0	43.4#
89	0.8	43.1	64.7#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.05 min
 Lab File: BF091459.D
 Acq: 6 Dec 2016 15:30

Tgt Ion:	188	Resp:	407264
Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.2	13.8#
80	10.3	10.5	15.7#

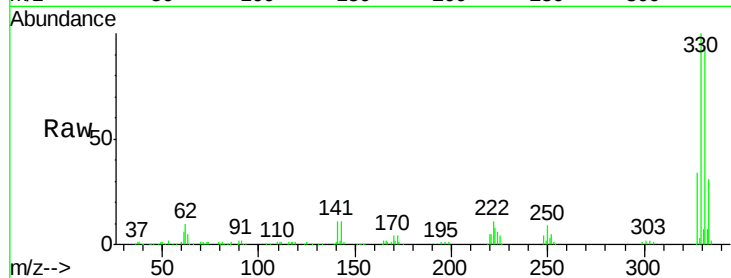




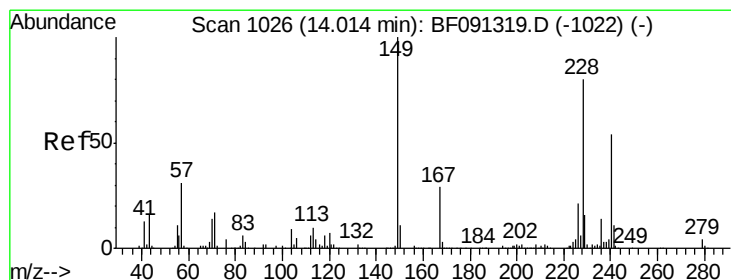
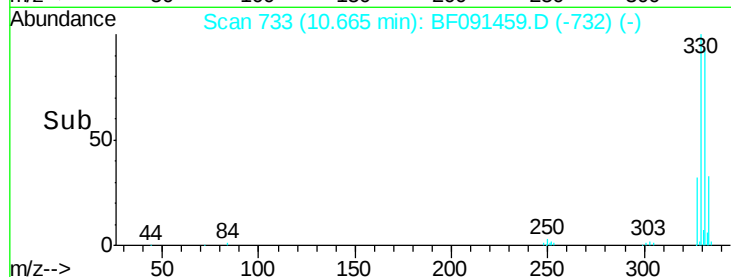
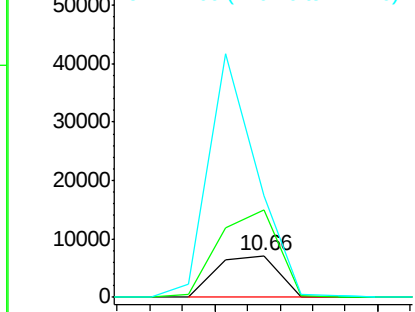
#66
4-Bromophenyl-phenylether
Concen: 2.12 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.29 min
Lab File: BF091459.D
Acq: 6 Dec 2016 15:30

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

Tgt Ion:248 Resp: 9298
Ion Ratio Lower Upper
248 100
250 208.8 78.2 117.4#
141 243.5 71.9 107.9#

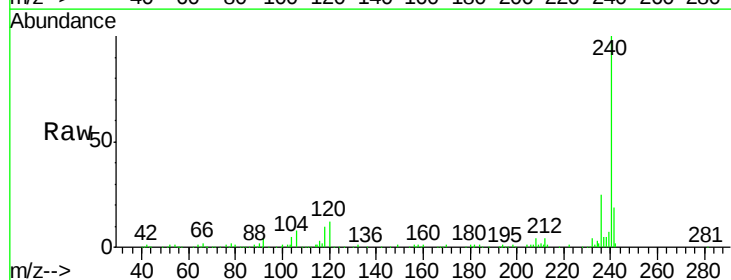


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

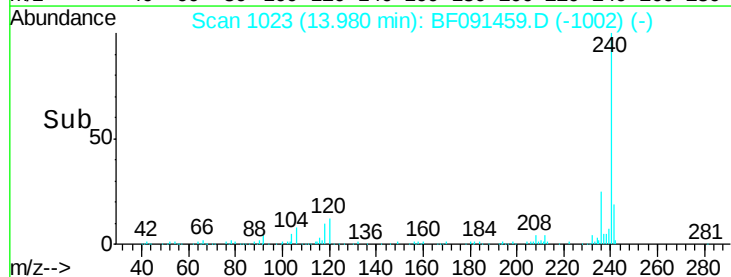
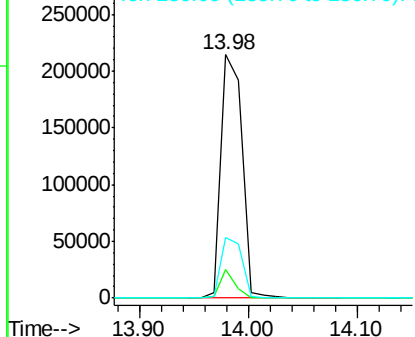


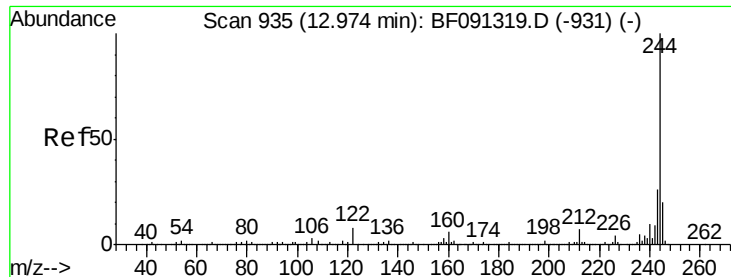
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.06 min
Lab File: BF091459.D
Acq: 6 Dec 2016 15:30

Tgt Ion:240 Resp: 289788
Ion Ratio Lower Upper
240 100
120 11.9 12.1 18.1#
236 24.7 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: 90.42 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF091459.D

Acq: 6 Dec 2016 15:30

Instrument :

BNA_F

ClientSampleId :

113016-DSDC-F-D-B

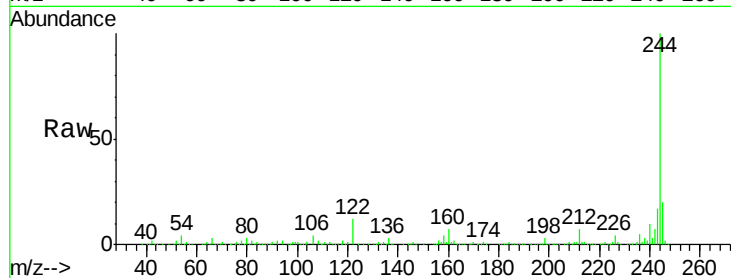
Tgt Ion:244 Resp: 1205564

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

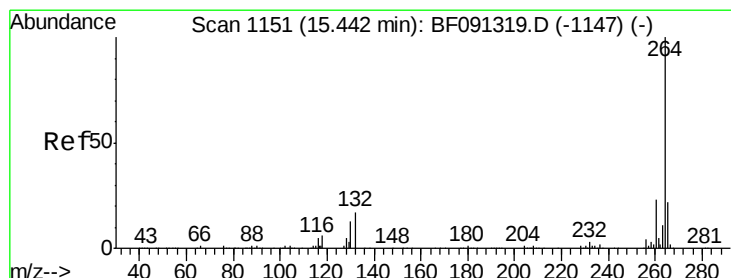
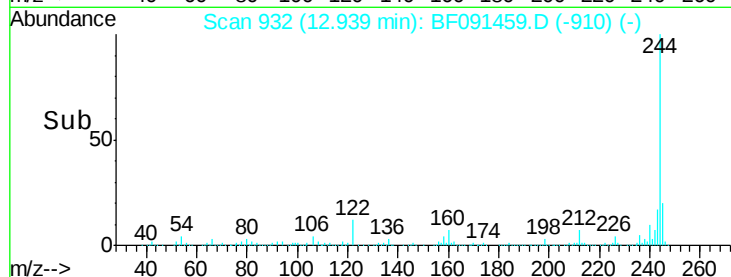
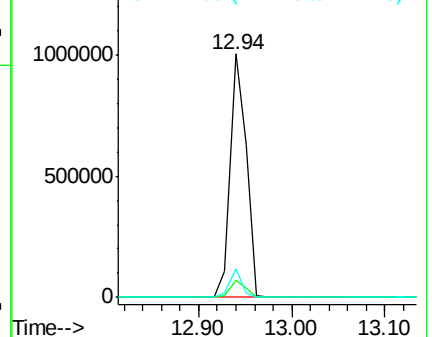
122 11.6 9.5 14.3



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: 15.41 min Scan# 1148

Delta R.T. -0.06 min

Lab File: BF091459.D

Acq: 6 Dec 2016 15:30

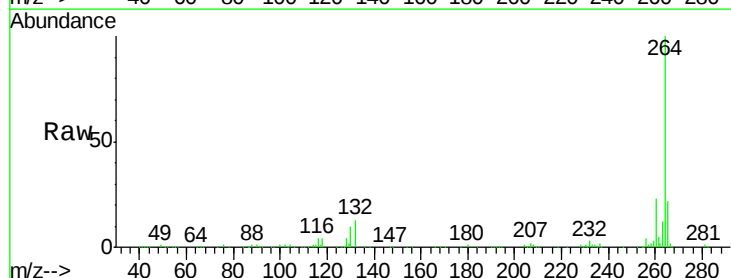
Tgt Ion:264 Resp: 244600

Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 22.2 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

