

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113016\
 Data File : BF091361.D
 Acq On : 30 Nov 2016 18:24
 Operator : UM/SJ
 Sample : H5779-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

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

Quant Time: Dec 01 00:17:14 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

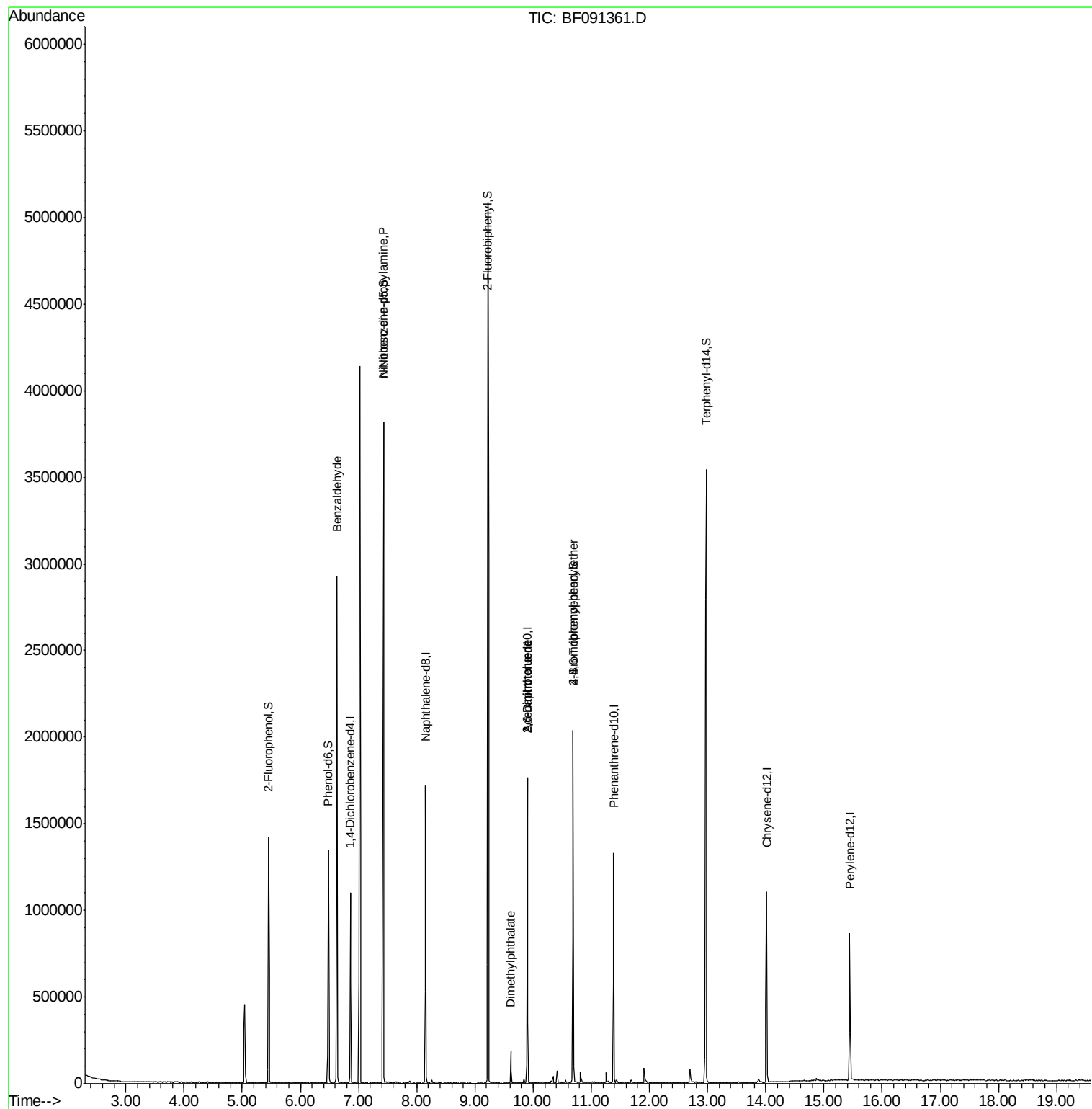
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	185386	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	759202	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	365736	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	552613	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	431944	20.00	ng	-0.03
86) Perylene-d12	15.44	264	384629	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	390760	34.43	ng	-0.02
7) Phenol-d6	6.48	99	353929	25.34	ng	-0.02
23) Nitrobenzene-d5	7.43	82	1310463	96.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	254826	73.60	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	2110177	104.47	ng	-0.02
78) Terphenyl-d14	12.97	244	1594453	80.23	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.63	77	19185	2.14	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.43	70	182616	20.75	ng	# 71
49) Dimethylphthalate	9.61	163	77228	3.49	ng	96
50) 2,6-Dinitrotoluene	9.90	165	48588	9.82	ng	# 16
56) 2,4-Dinitrotoluene	9.90	165	48591	7.57	ng	# 33
66) 4-Bromophenyl-phenylether	10.69	248	17068	2.87	ng	# 1

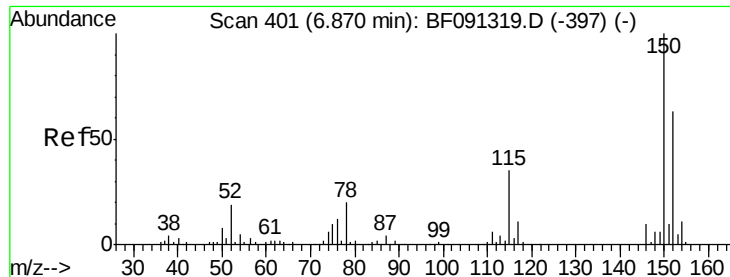
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091361.D

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Instrument :

BNA_F

ClientSampleId :

112816-DSDC-F-D-B

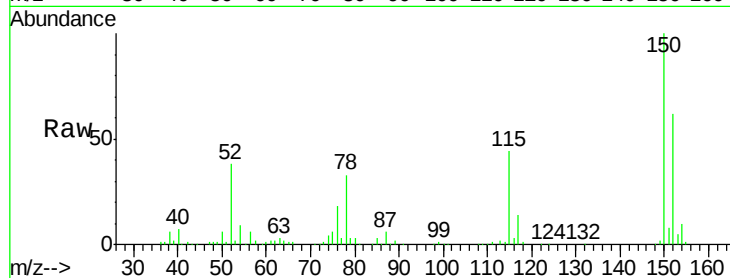
Tgt Ion:152 Resp: 185386

Ion Ratio Lower Upper

152 100

150 161.8 122.5 183.7

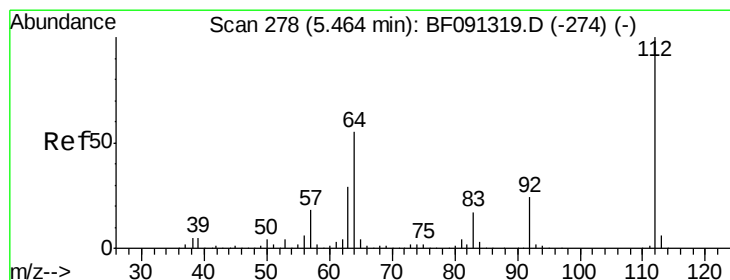
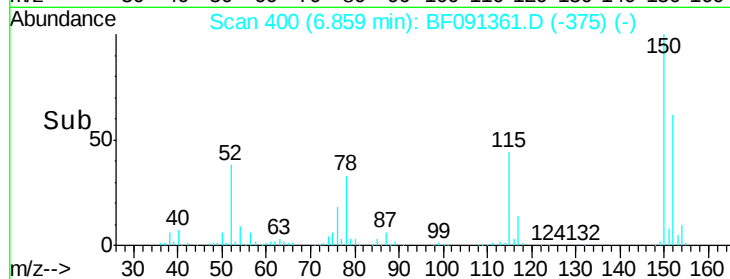
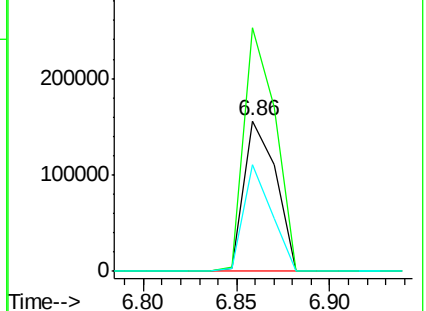
115 70.8 51.8 77.8



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: 34.43 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091361.D

Acq: 30 Nov 2016 18:24

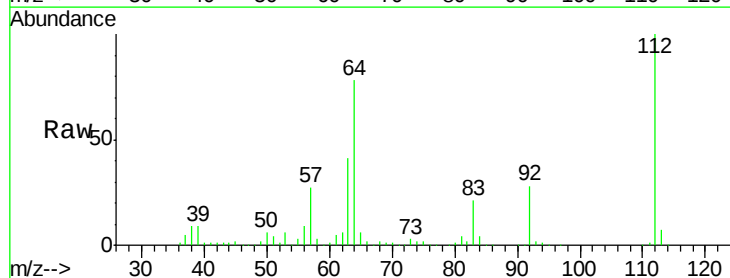
Tgt Ion:112 Resp: 390760

Ion Ratio Lower Upper

112 100

64 78.5 61.5 92.3

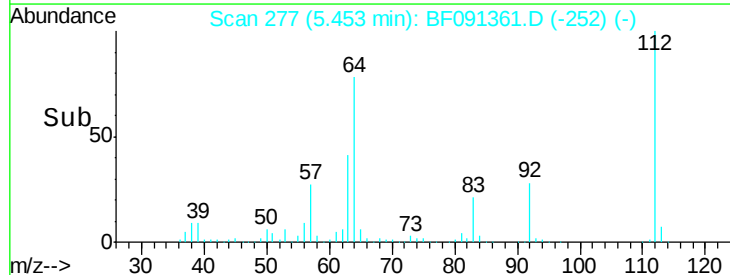
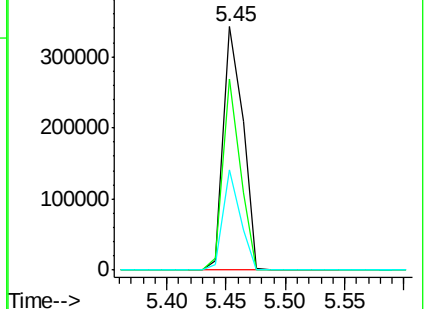
63 41.2 33.3 49.9



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: 25.34 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091361.D

Acq: 30 Nov 2016 18:24

Instrument :

BNA_F

ClientSampleId :

112816-DSDC-F-D-B

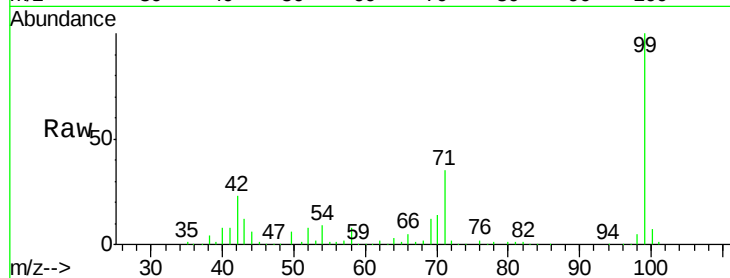
Tgt Ion: 99 Resp: 353929

Ion Ratio Lower Upper

99 100

42 22.7 20.6 31.0

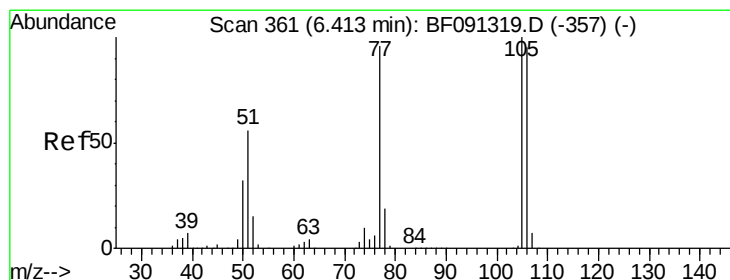
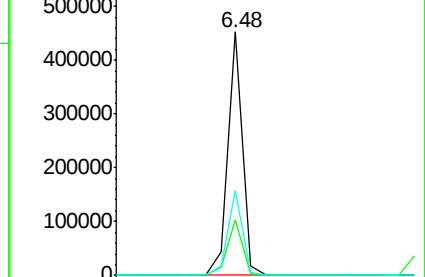
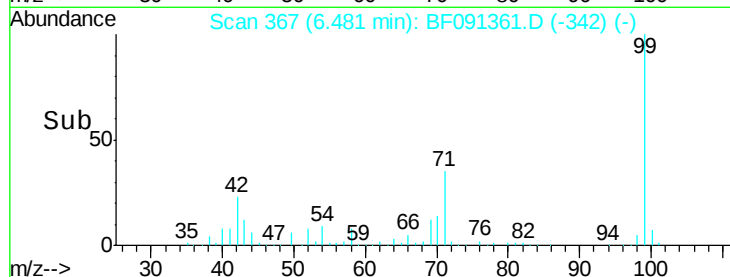
71 35.1 29.9 44.9



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



#9

Benzaldehyde

Concen: 2.14 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.21 min

Lab File: BF091361.D

Acq: 30 Nov 2016 18:24

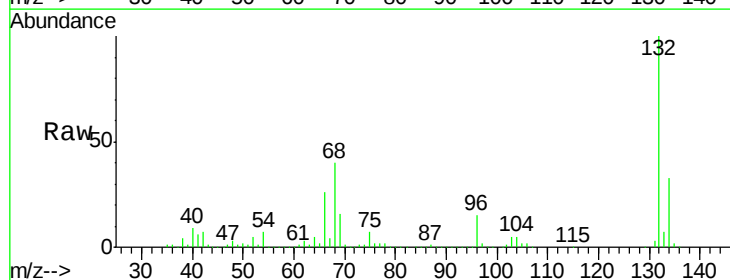
Tgt Ion: 77 Resp: 19185

Ion Ratio Lower Upper

77 100

105 79.9 66.4 106.4

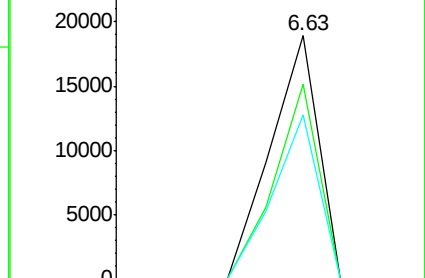
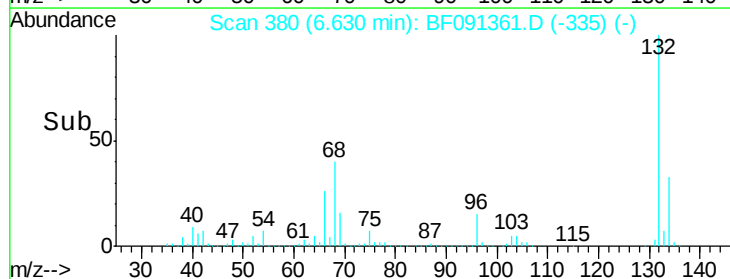
106 67.6 60.9 100.9

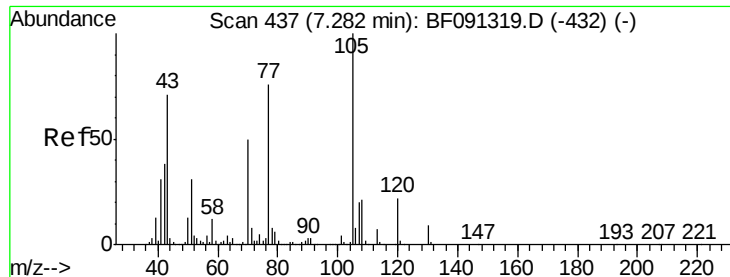


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

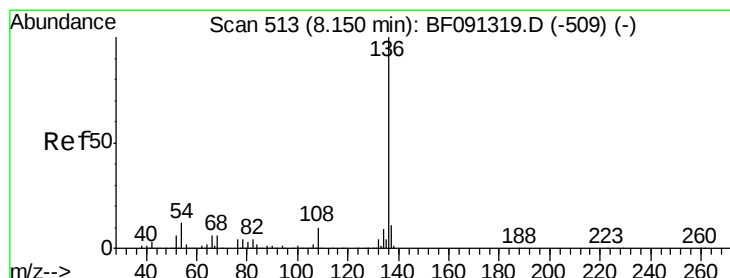
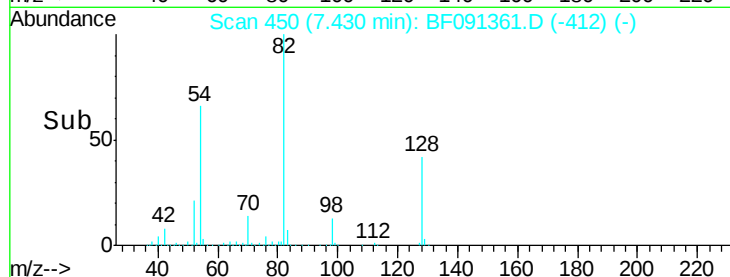
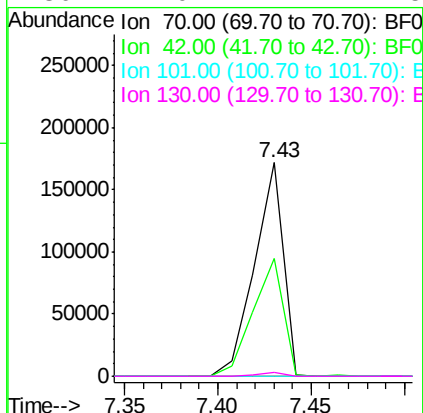
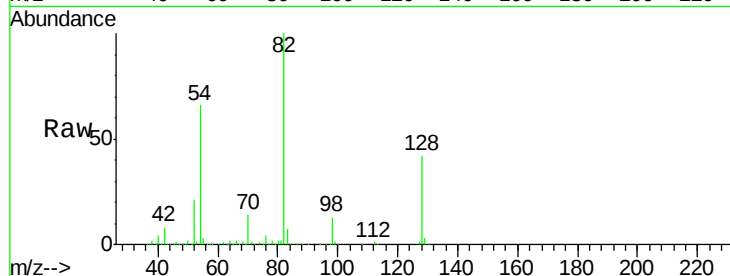




#19
n-Nitroso-di-n-propylamine
Concen: 20.75 ng
RT: 7.43 min Scan# 450
Delta R.T. 0.13 min
Lab File: BF091361.D
Acq: 30 Nov 2016 18:24

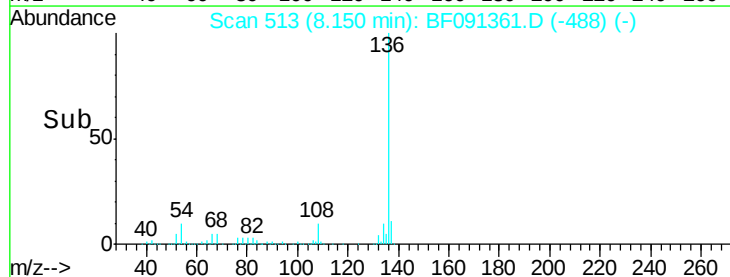
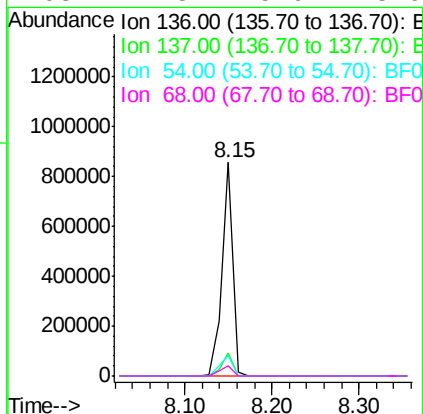
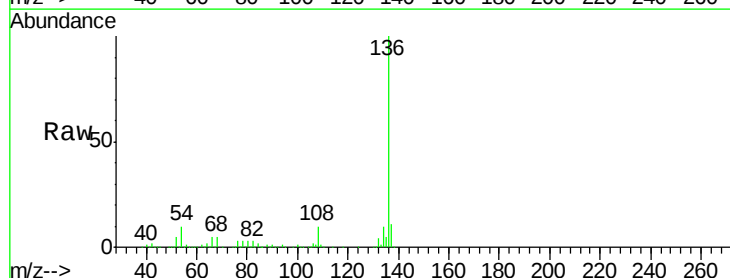
Instrument :
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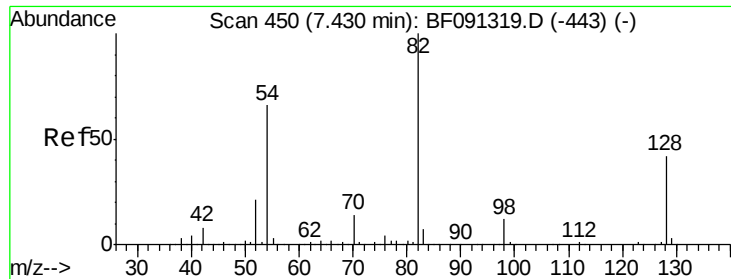
Tgt Ion: 70 Resp: 182616
Ion Ratio Lower Upper
70 100
42 55.3 64.8 97.2#
101 0.0 6.2 9.4#
130 2.0 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091361.D
Acq: 30 Nov 2016 18:24

Tgt Ion: 136 Resp: 759202
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 9.8 9.1 13.7
68 4.8 5.9 8.9#

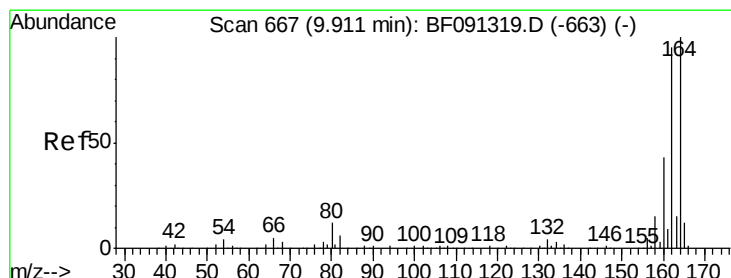
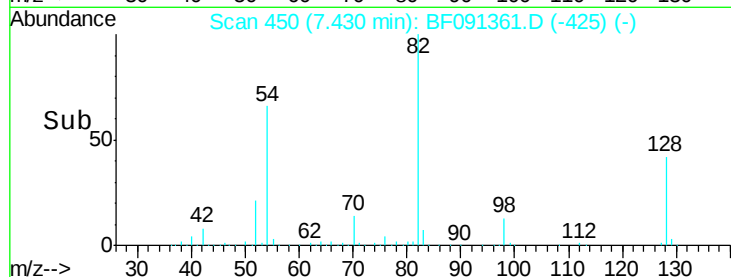
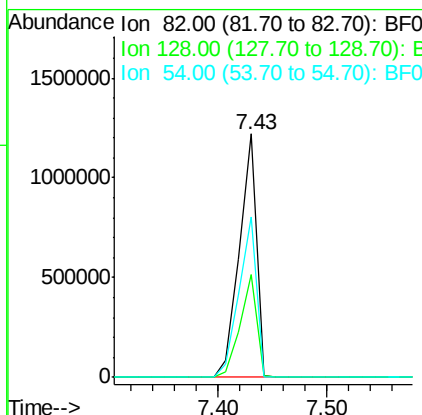
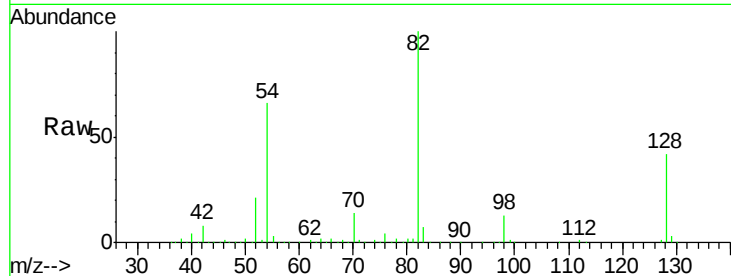




#23
 Nitrobenzene-d5
 Concen: 96.73 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091361.D
 Acq: 30 Nov 2016 18:24

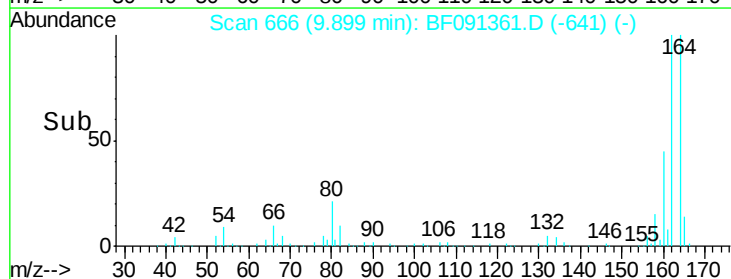
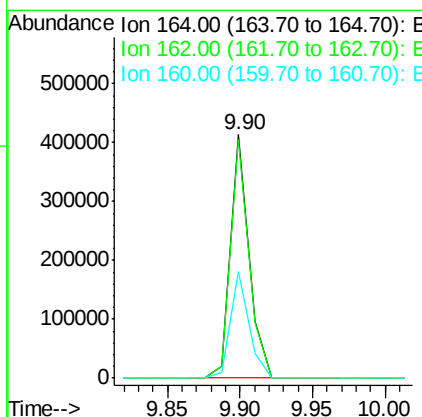
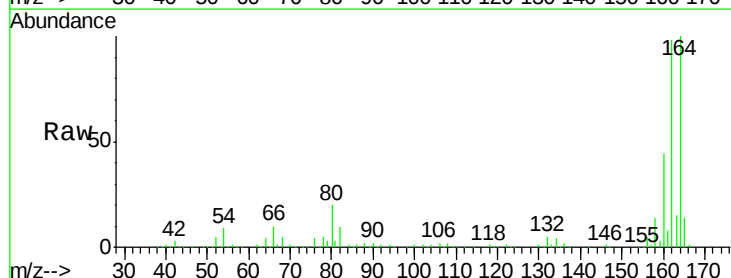
Instrument :
 BNA_F
 ClientSampleId :
 112816-DSDC-F-D-B

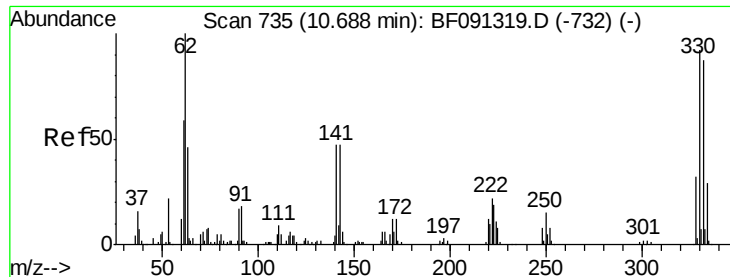
Tgt Ion: 82 Resp: 1310463
 Ion Ratio Lower Upper
 82 100
 128 42.3 31.8 47.6
 54 65.9 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF091361.D
 Acq: 30 Nov 2016 18:24

Tgt Ion: 164 Resp: 365736
 Ion Ratio Lower Upper
 164 100
 162 98.0 82.6 124.0
 160 43.6 36.7 55.1

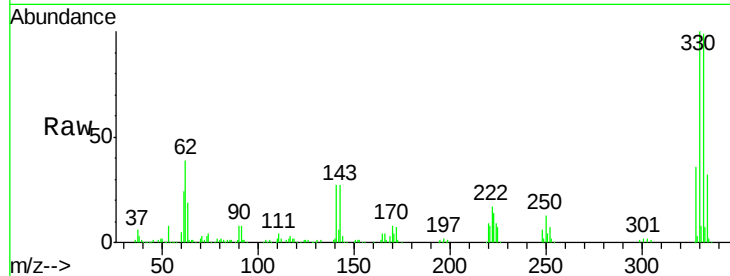




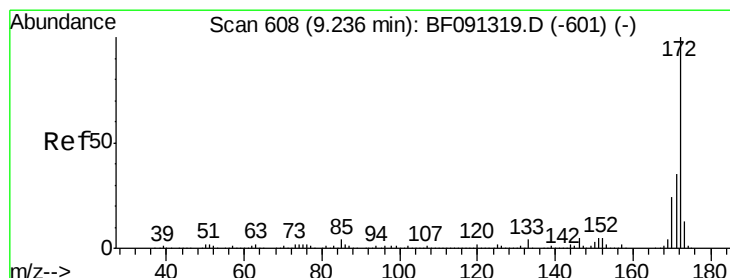
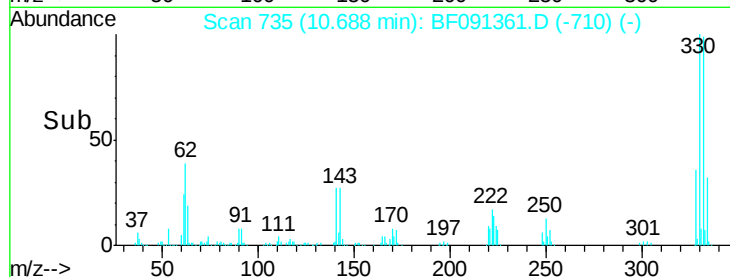
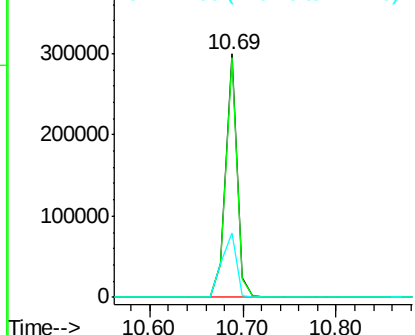
#41
 2,4,6-Tribromophenol
 Concen: 73.60 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091361.D
 Acq: 30 Nov 2016 18:24

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

Tgt Ion:330 Resp: 254826
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.2 114.4
 141 33.7 33.6 50.4

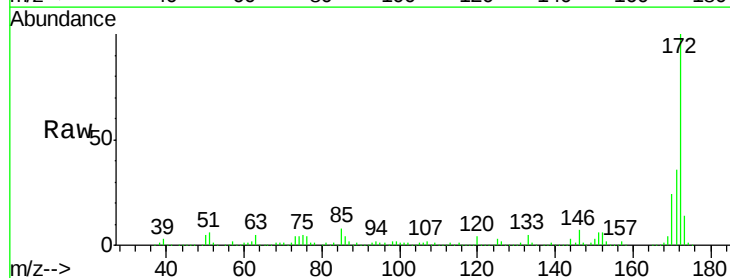


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

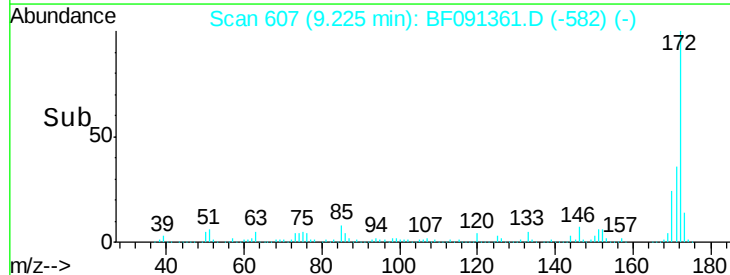
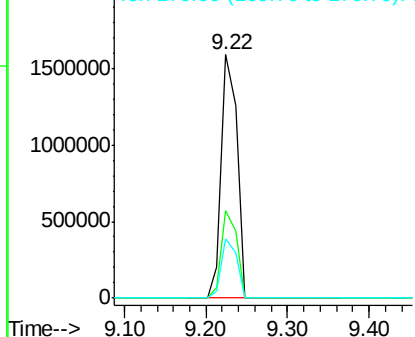


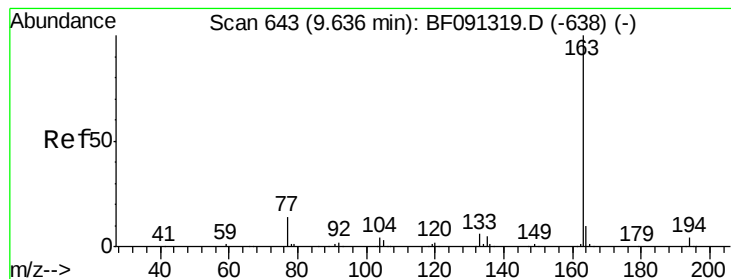
#44
 2-Fluorobiphenyl
 Concen: 104.47 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091361.D
 Acq: 30 Nov 2016 18:24

Tgt Ion:172 Resp: 2110177
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.4 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





#49

Dimethylphthalate

Concen: 3.49 ng

RT: 9.61 min Scan# 641

Delta R.T. -0.04 min

Lab File: BF091361.D

Acq: 30 Nov 2016 18:24

Instrument :

BNA_F

ClientSampleId :

112816-DSDC-F-D-B

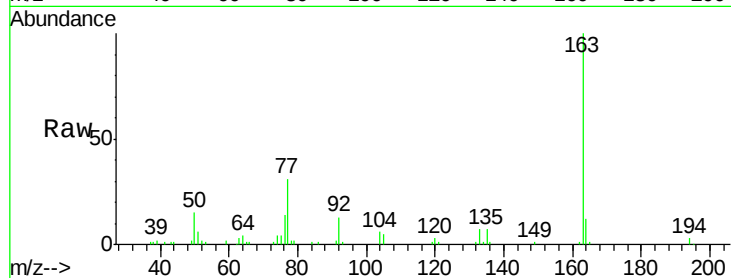
Tgt Ion:163 Resp: 77228

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

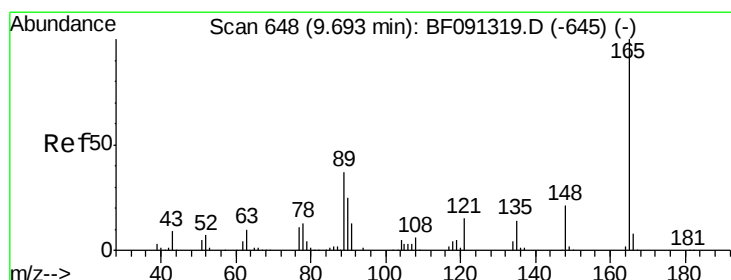
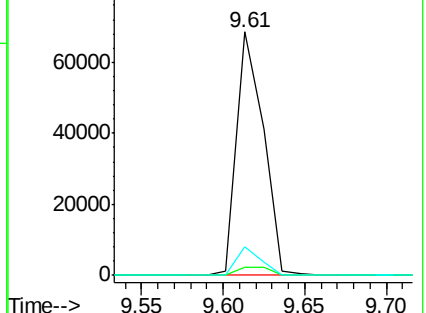
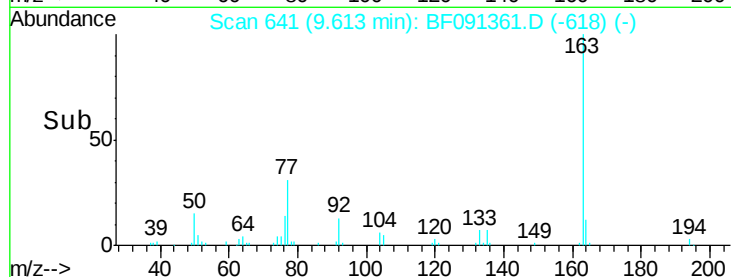
164 11.7 7.8 11.8



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



#50

2,6-Dinitrotoluene

Concen: 9.82 ng

RT: 9.90 min Scan# 666

Delta R.T. 0.20 min

Lab File: BF091361.D

Acq: 30 Nov 2016 18:24

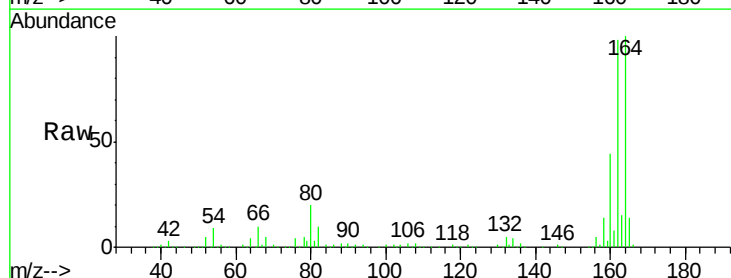
Tgt Ion:165 Resp: 48588

Ion Ratio Lower Upper

165 100

63 1.0 59.4 89.0#

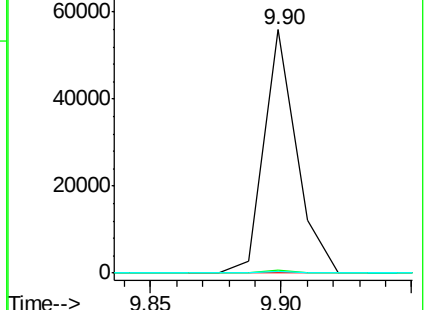
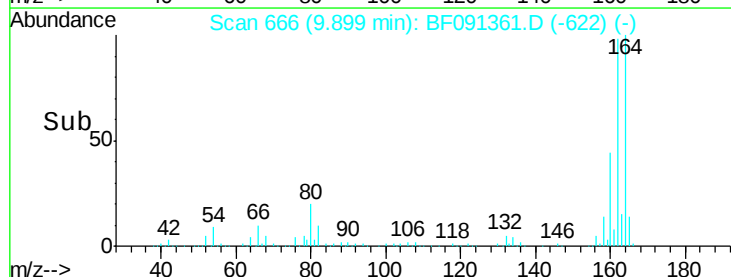
89 0.7 50.8 76.2#

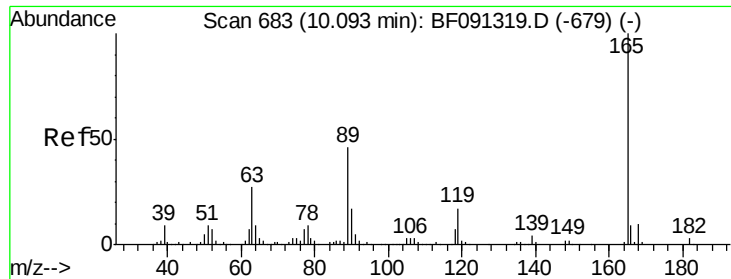


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

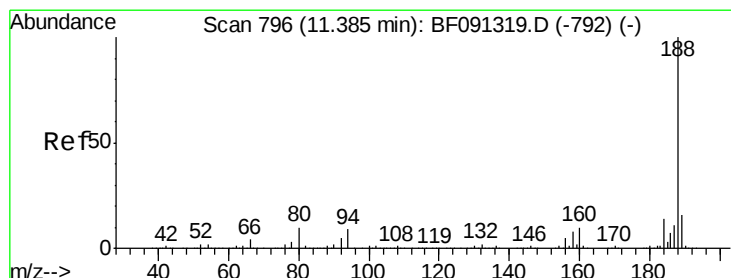
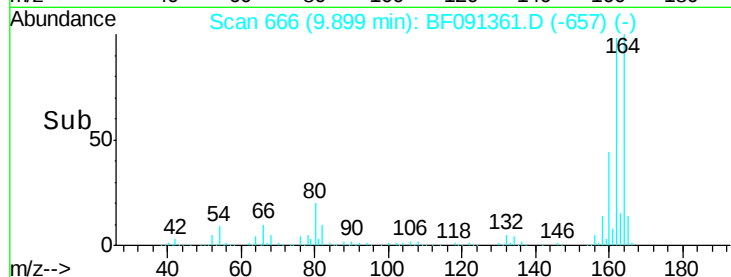
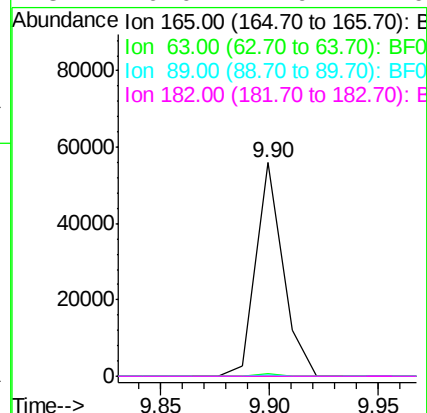
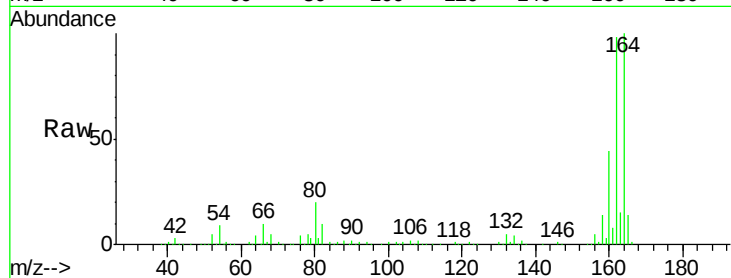




#56
 2,4-Dinitrotoluene
 Concen: 7.57 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.20 min
 Lab File: BF091361.D
 Acq: 30 Nov 2016 18:24

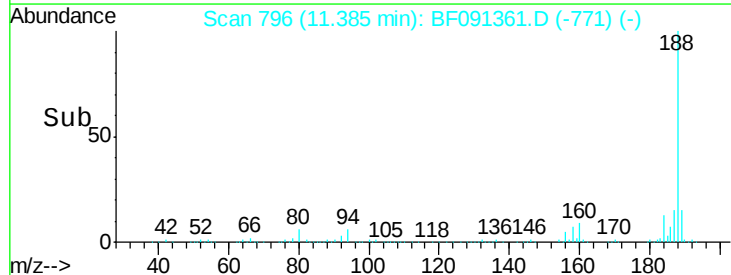
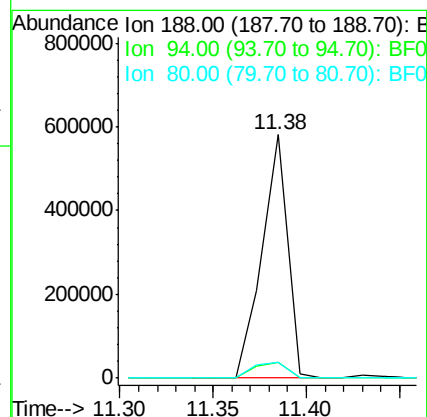
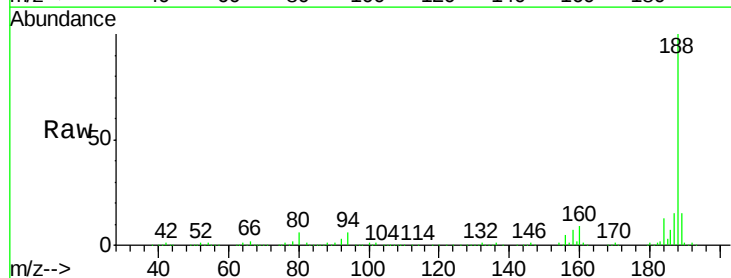
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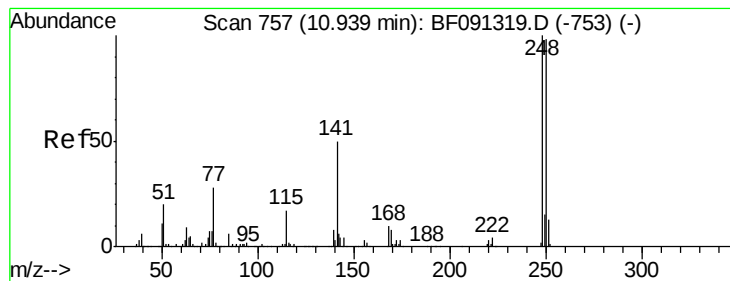
Tgt Ion:	165	Resp:	48591
Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.0	43.4#
89	0.7	43.1	64.7#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF091361.D
 Acq: 30 Nov 2016 18:24

Tgt Ion:	188	Resp:	552613
Ion	Ratio	Lower	Upper
188	100		
94	6.2	9.2	13.8#
80	6.5	10.5	15.7#





#66

4-Bromophenyl-phenylether

Concen: 2.87 ng

RT: 10.69 min Scan# 735

Delta R.T. -0.27 min

Lab File: BF091361.D

Acq: 30 Nov 2016 18:24

Instrument :

BNA_F

ClientSampleId :

112816-DSDC-F-D-B

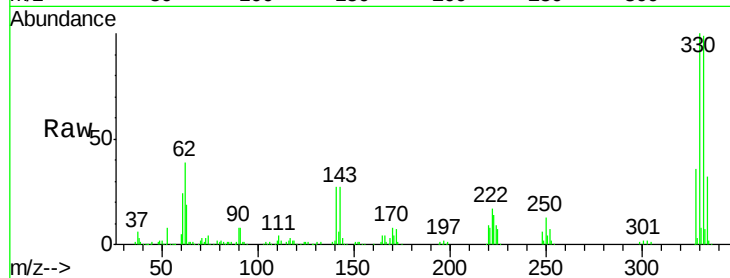
Tgt Ion:248 Resp: 17068

Ion Ratio Lower Upper

248 100

250 209.5 78.2 117.4#

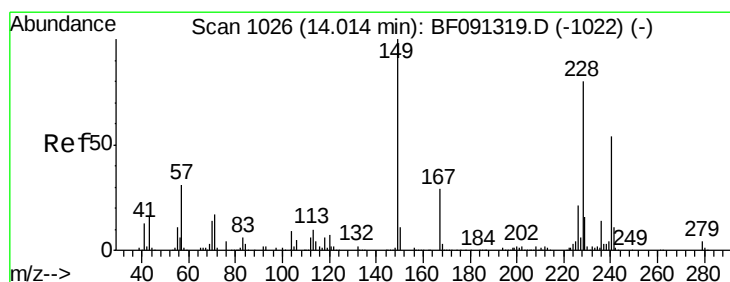
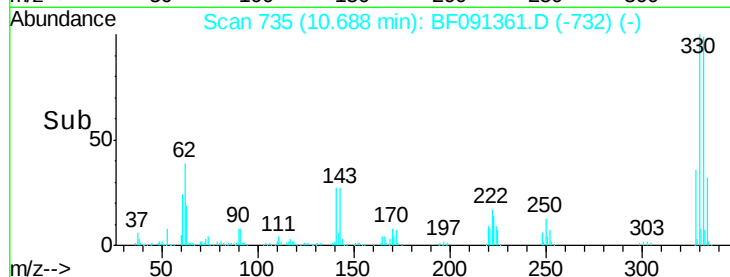
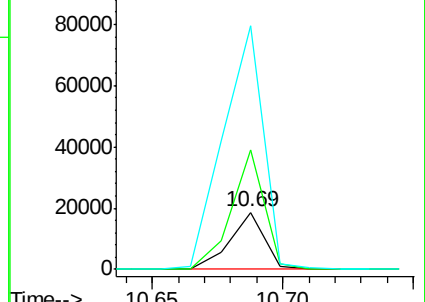
141 427.7 71.9 107.9#



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: BF091361.D

Acq: 30 Nov 2016 18:24

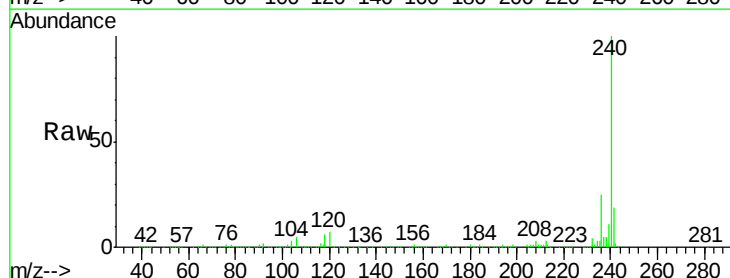
Tgt Ion:240 Resp: 431944

Ion Ratio Lower Upper

240 100

120 6.9 12.1 18.1#

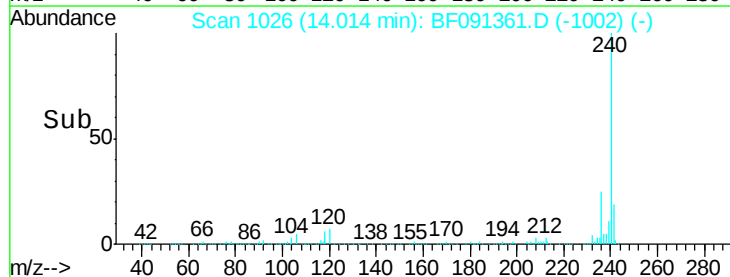
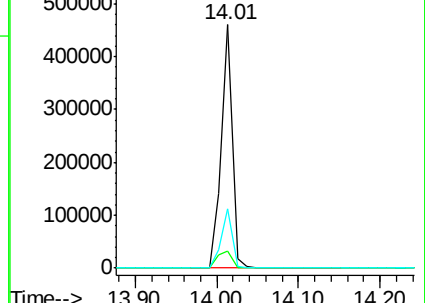
236 24.6 21.0 31.6

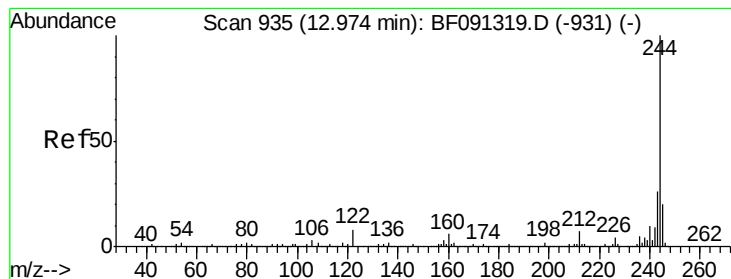


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.23 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091361.D

Acq: 30 Nov 2016 18:24

Instrument :

BNA_F

ClientSampleId :

112816-DSDC-F-D-B

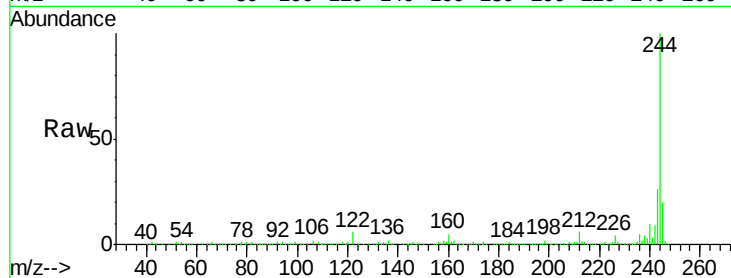
Tgt Ion:244 Resp: 1594453

Ion Ratio Lower Upper

244 100

212 6.5 6.5 9.7#

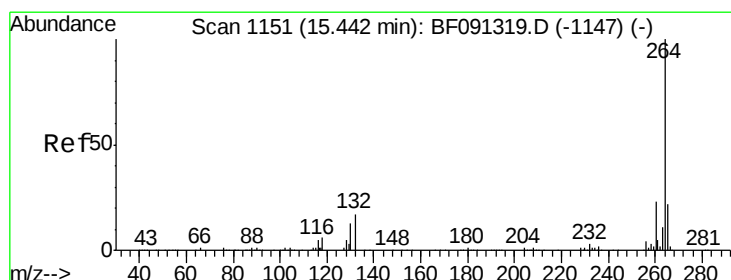
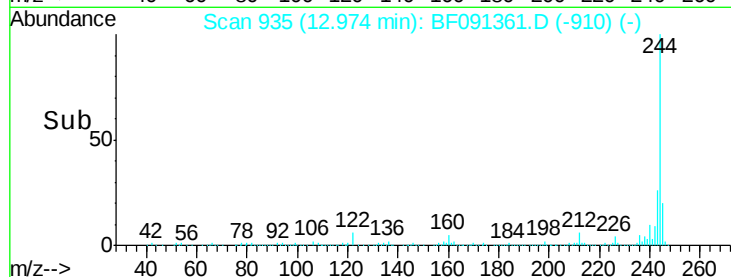
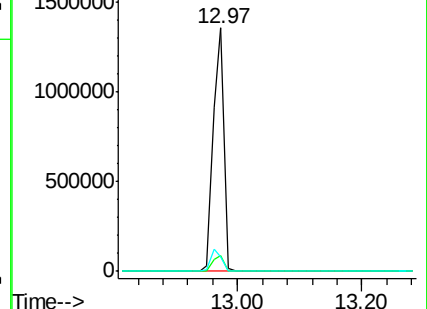
122 5.9 9.5 14.3#



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: BF091361.D

Acq: 30 Nov 2016 18:24

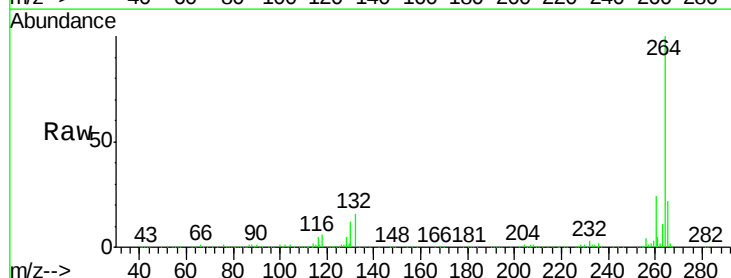
Tgt Ion:264 Resp: 384629

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 22.1 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

