

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113016\
 Data File : BF091358.D
 Acq On : 30 Nov 2016 17:00
 Operator : UM/SJ
 Sample : H5767-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112216-DSDC-E-D-S

Quant Time: Dec 01 00:16:33 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

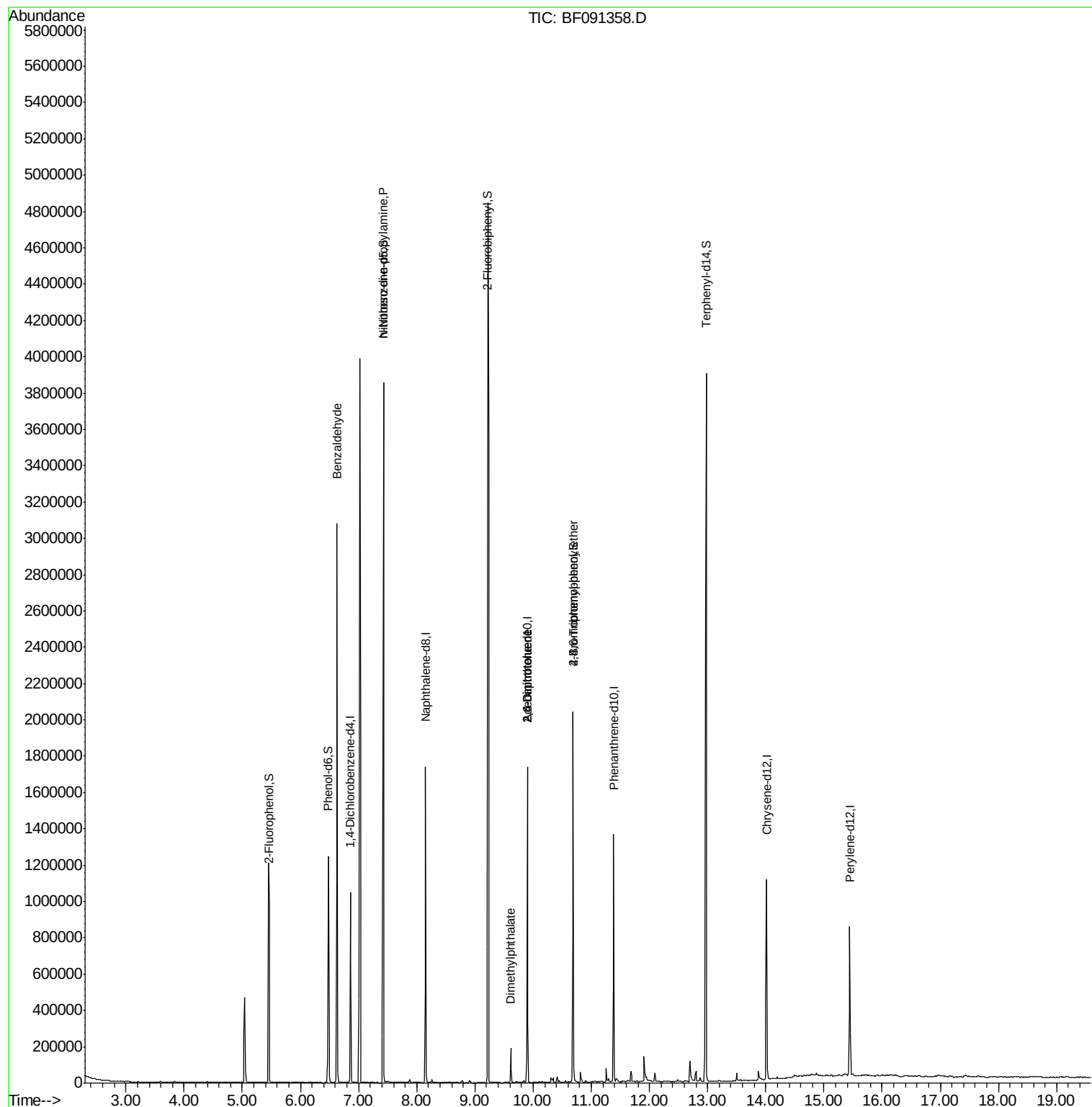
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	187295	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	758749	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	364425	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	554900	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	419942	20.00	ng	-0.03
86) Perylene-d12	15.44	264	388031	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	406144	35.42	ng	0.00
7) Phenol-d6	6.48	99	324095	22.96	ng	-0.02
23) Nitrobenzene-d5	7.43	82	1296246	95.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	260291	75.45	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	2178883	108.26	ng	-0.02
78) Terphenyl-d14	12.97	244	1636530	84.70	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.63	77	19651	2.17	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.43	70	180843	20.34	ng	# 72
49) Dimethylphthalate	9.61	163	81292	3.68	ng	98
50) 2,6-Dinitrotoluene	9.90	165	47463	9.62	ng	# 17
56) 2,4-Dinitrotoluene	9.90	165	47465	7.42	ng	# 34
66) 4-Bromophenyl-phenylether	10.69	248	17260	2.89	ng	# 1

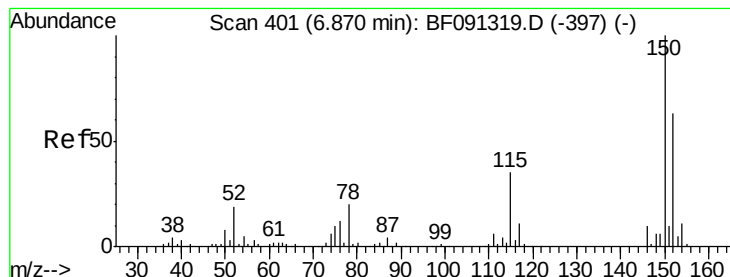
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 29 13:33:46 2016
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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: BF091358.D

Acq: 30 Nov 2016 17:00

Instrument :

BNA_F

ClientSampleId :

112216-DSDC-E-D-S

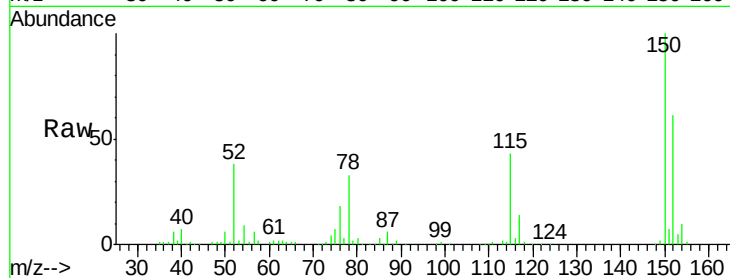
Tgt Ion:152 Resp: 187295

Ion Ratio Lower Upper

152 100

150 163.6 122.5 183.7

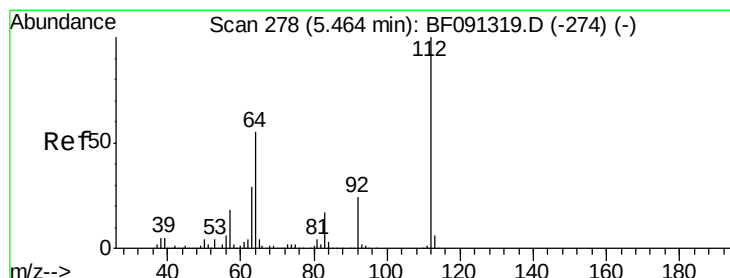
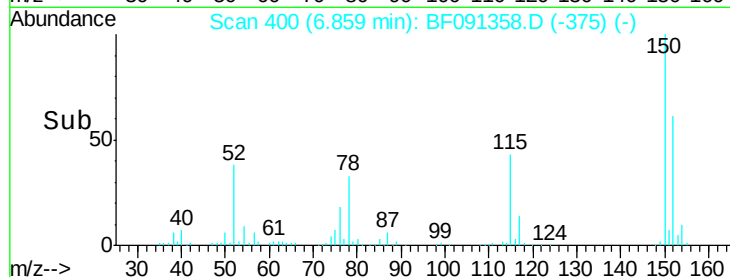
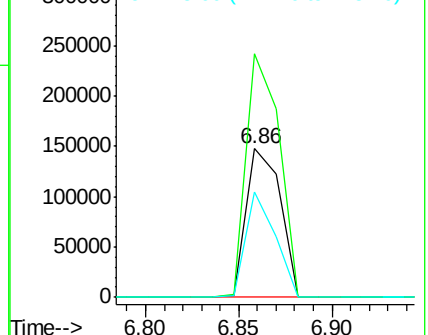
115 70.5 51.8 77.8



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: 35.42 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091358.D

Acq: 30 Nov 2016 17:00

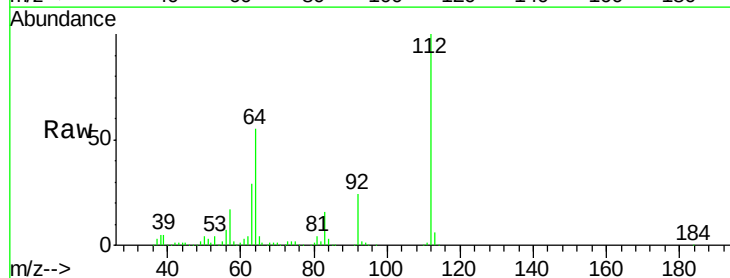
Tgt Ion:112 Resp: 406144

Ion Ratio Lower Upper

112 100

64 55.0 61.5 92.3#

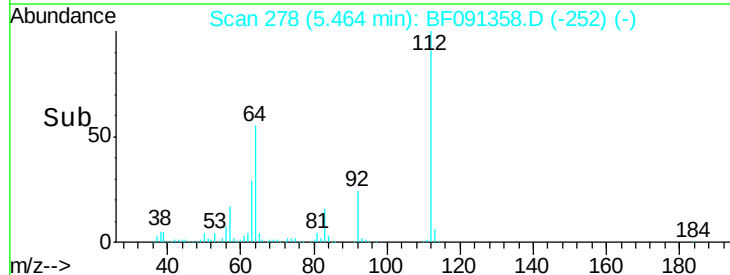
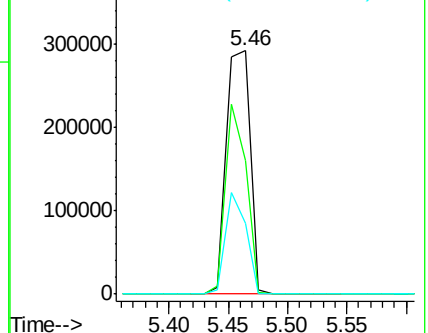
63 29.2 33.3 49.9#

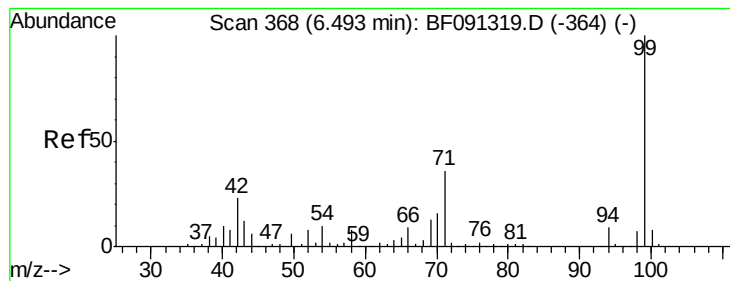


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.96 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091358.D

Acq: 30 Nov 2016 17:00

Instrument :

BNA_F

ClientSampleId :

112216-DSDC-E-D-S

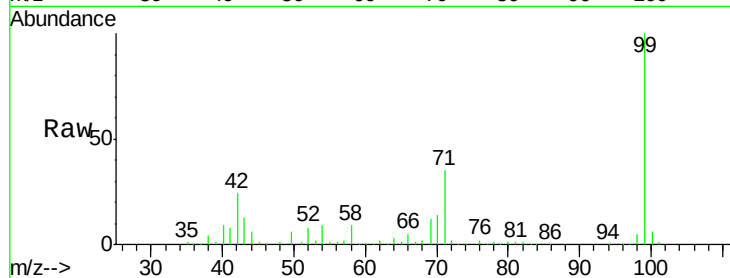
Tgt Ion: 99 Resp: 324095

Ion Ratio Lower Upper

99 100

42 24.0 20.6 31.0

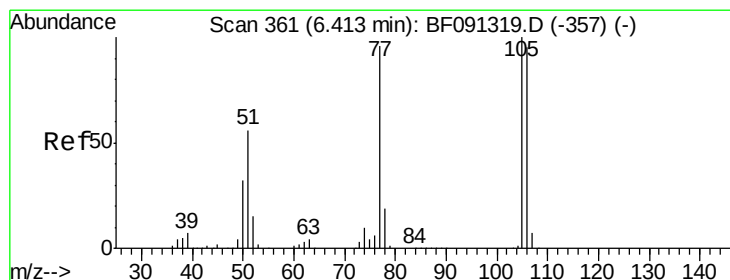
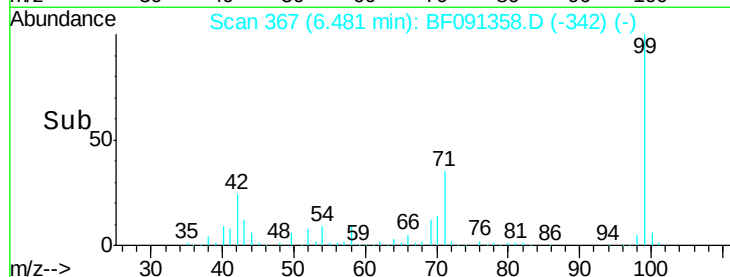
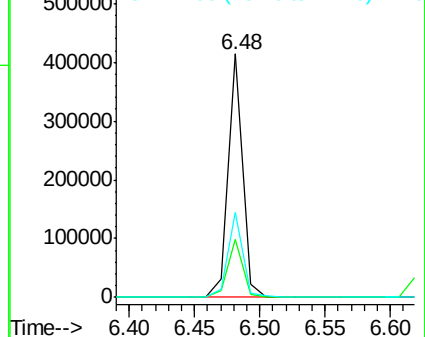
71 34.7 29.9 44.9



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: 2.17 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.21 min

Lab File: BF091358.D

Acq: 30 Nov 2016 17:00

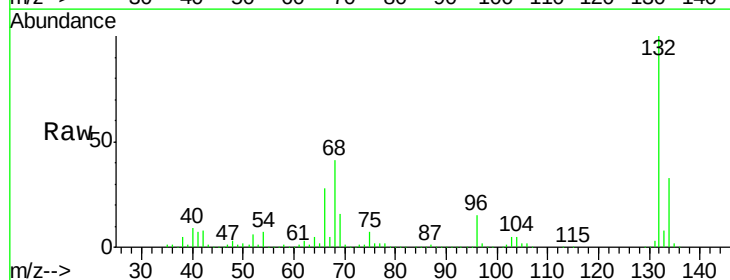
Tgt Ion: 77 Resp: 19651

Ion Ratio Lower Upper

77 100

105 75.2 66.4 106.4

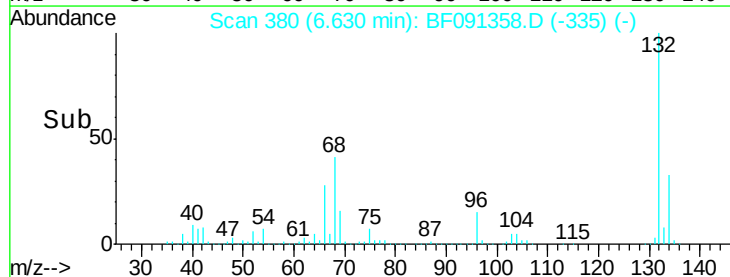
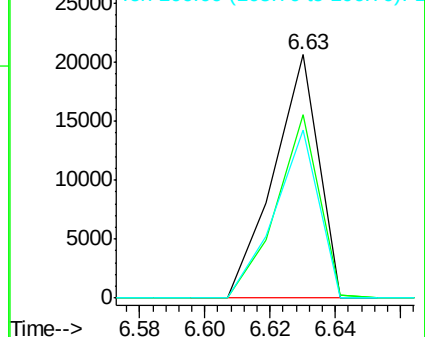
106 69.2 60.9 100.9

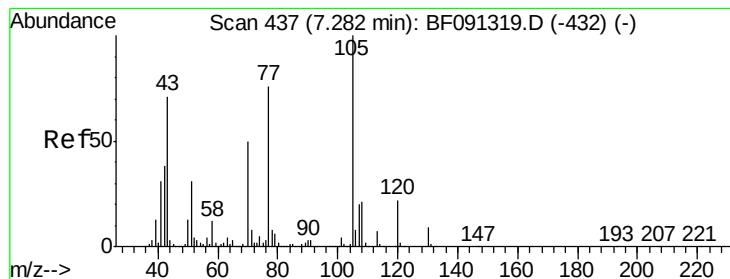


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 20.34 ng

RT: 7.43 min Scan# 450

Delta R.T. 0.13 min

Lab File: BF091358.D

Acq: 30 Nov 2016 17:00

Instrument :

BNA_F

ClientSampleId :

112216-DSDC-E-D-S

Tgt Ion: 70 Resp: 180843

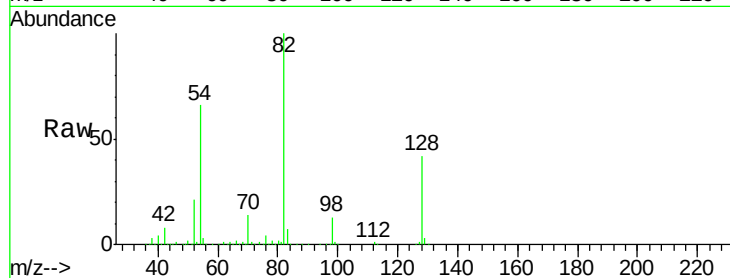
Ion Ratio Lower Upper

70 100

42 55.8 64.8 97.2#

101 0.0 6.2 9.4#

130 1.9 11.7 17.5#

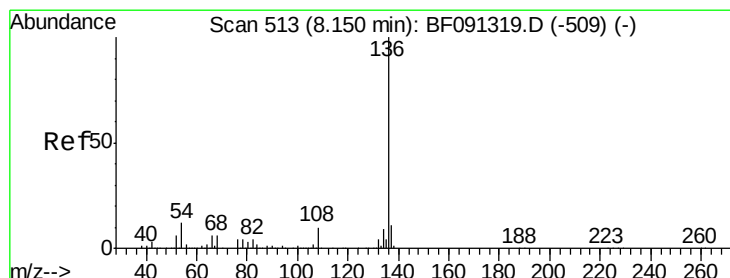
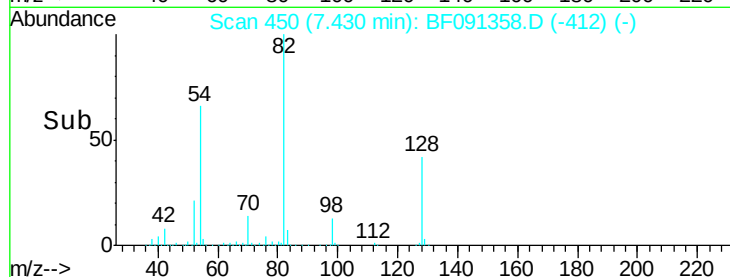
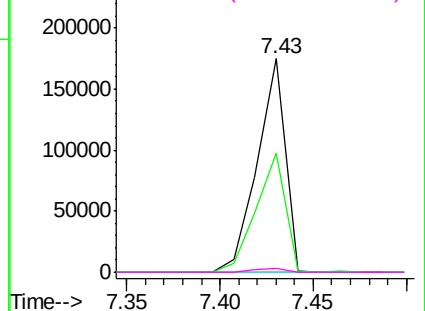


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091358.D

Acq: 30 Nov 2016 17:00

Tgt Ion: 136 Resp: 758749

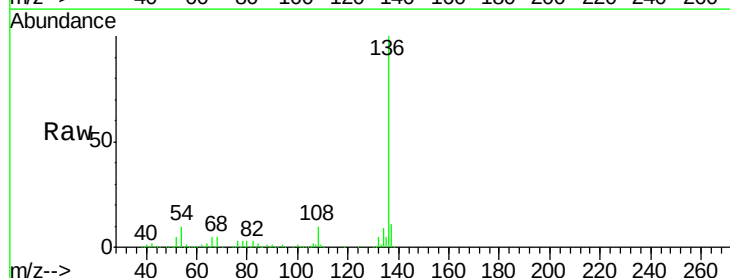
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 9.6 9.1 13.7

68 4.8 5.9 8.9#

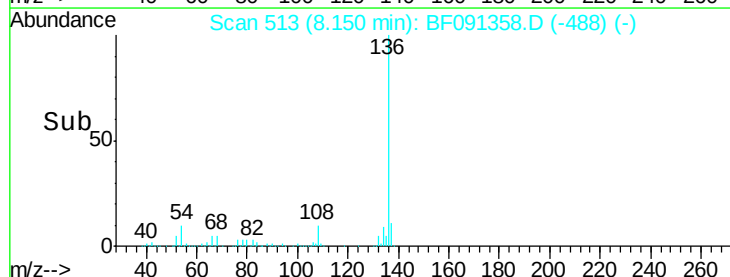
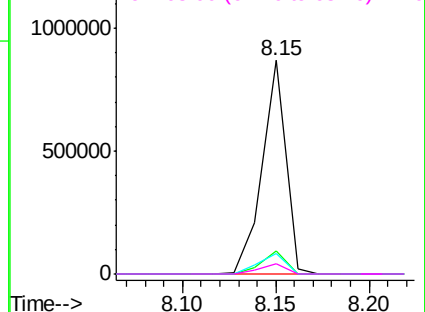


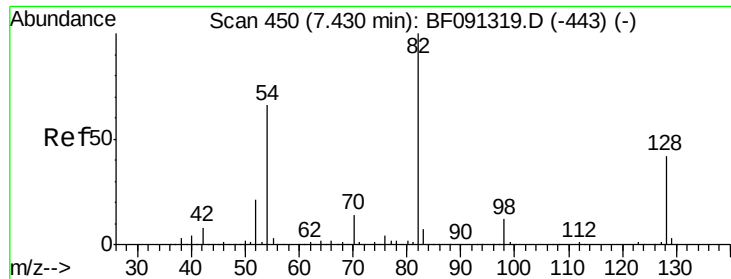
Abundance Ion 136.00 (135.70 to 136.70): E

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

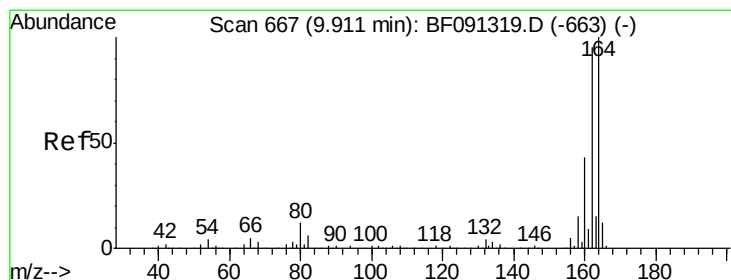
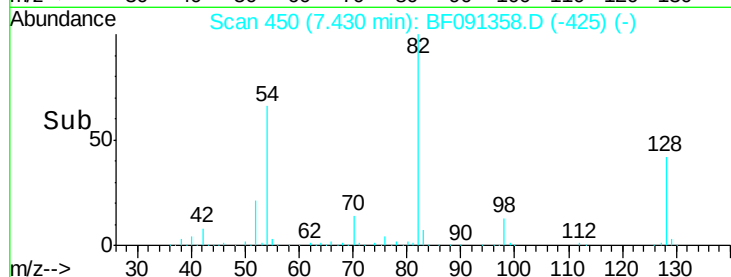
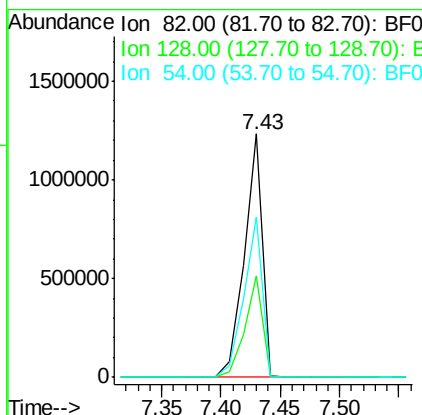
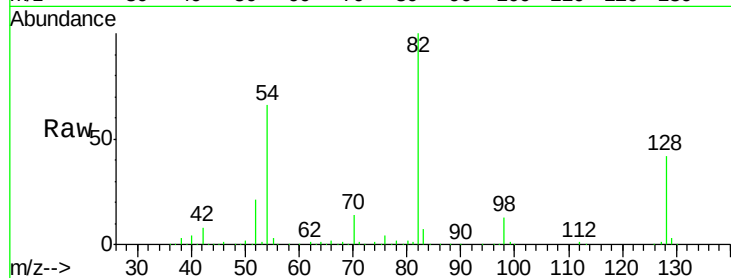




#23
 Nitrobenzene-d5
 Concen: 95.74 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091358.D
 Acq: 30 Nov 2016 17:00

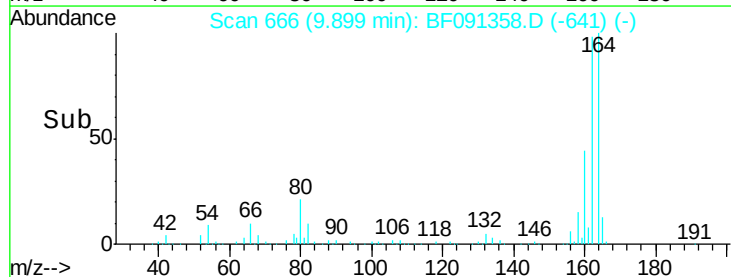
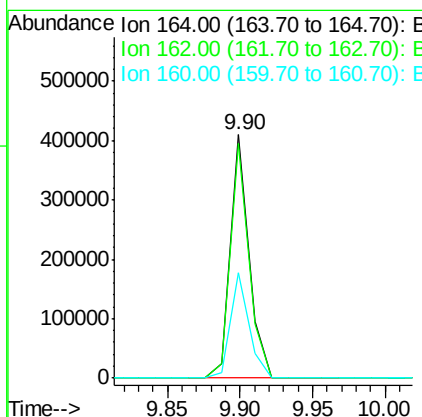
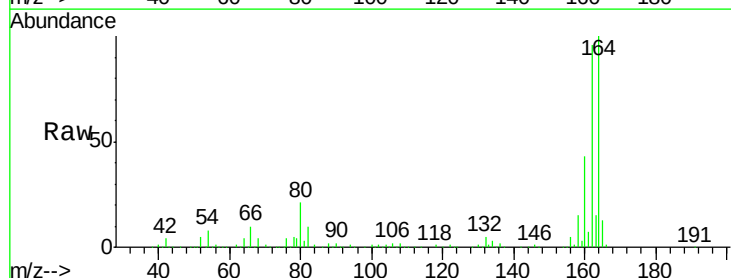
Instrument :
 BNA_F
 ClientSampleId :
 112216-DSDC-E-D-S

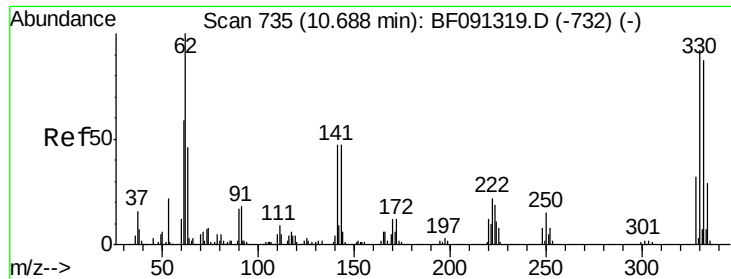
Tgt Ion: 82 Resp: 1296246
 Ion Ratio Lower Upper
 82 100
 128 41.7 31.8 47.6
 54 65.9 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF091358.D
 Acq: 30 Nov 2016 17:00

Tgt Ion: 164 Resp: 364425
 Ion Ratio Lower Upper
 164 100
 162 96.1 82.6 124.0
 160 43.5 36.7 55.1

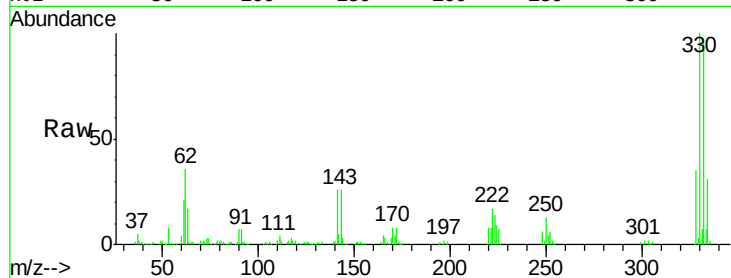




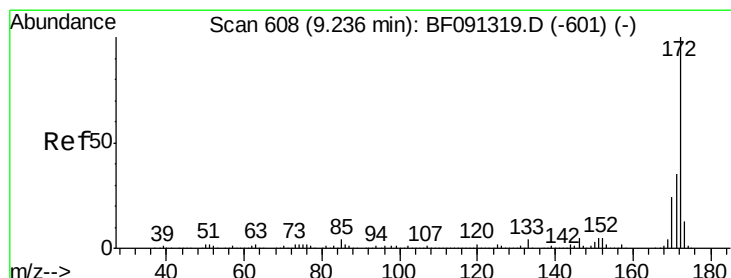
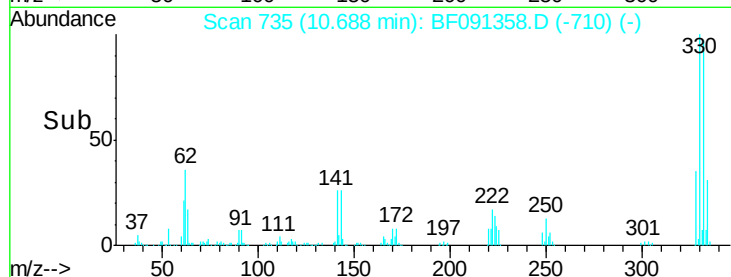
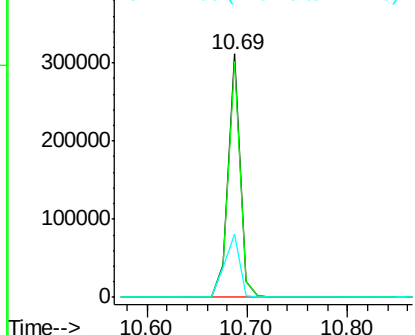
#41
 2,4,6-Tribromophenol
 Concen: 75.45 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091358.D
 Acq: 30 Nov 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 112216-DSDC-E-D-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	32.5	33.6	50.4#

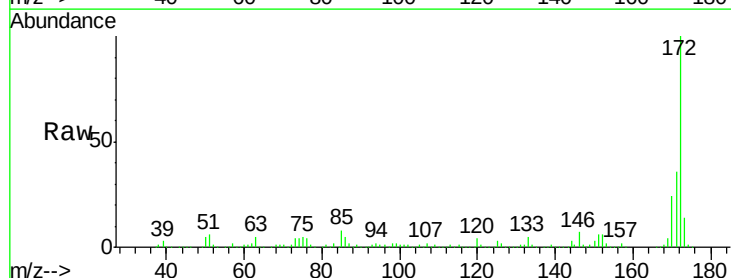


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

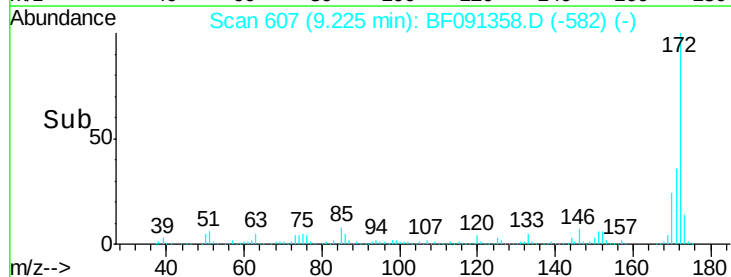
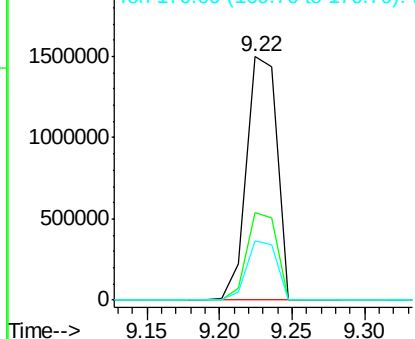


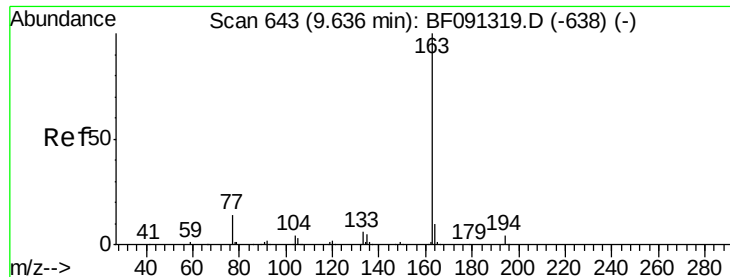
#44
 2-Fluorobiphenyl
 Concen: 108.26 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091358.D
 Acq: 30 Nov 2016 17:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.3	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

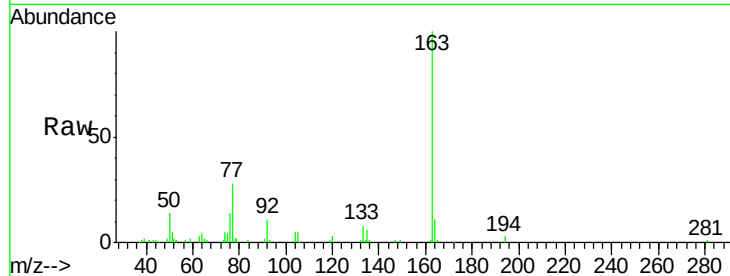




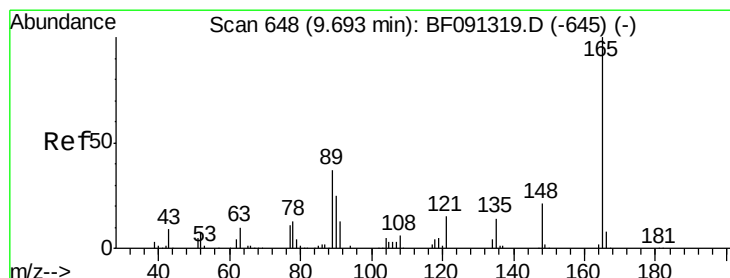
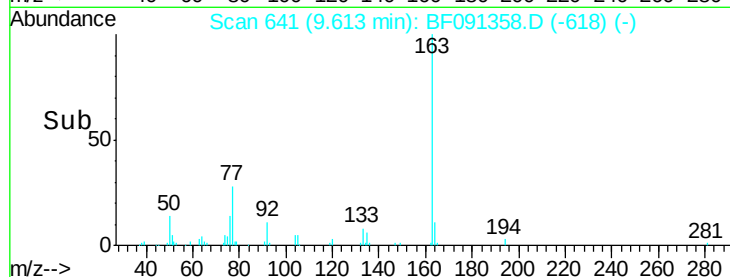
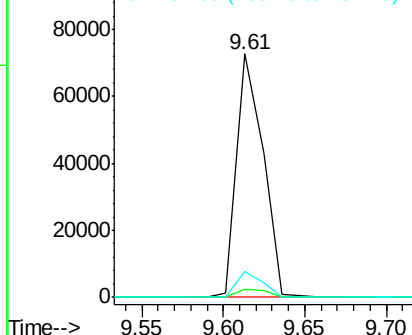
#49
Dimethylphthalate
Concen: 3.68 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091358.D
Acq: 30 Nov 2016 17:00

Instrument :
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ClientSampleId :
112216-DSDC-E-D-S

Tgt Ion:163 Resp: 81292
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.5 7.8 11.8

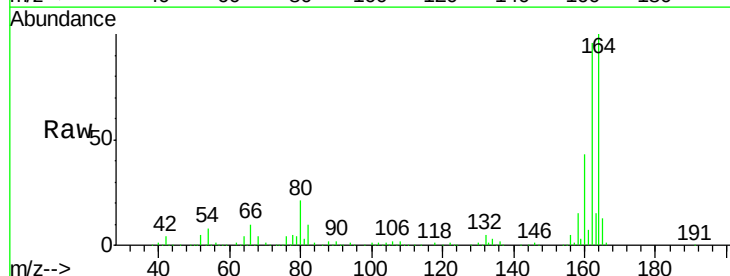


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

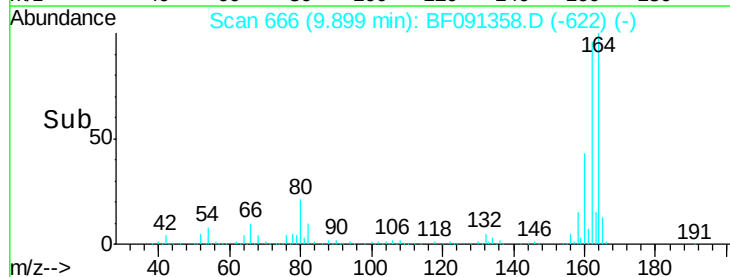
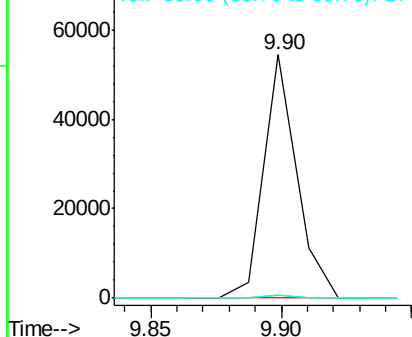


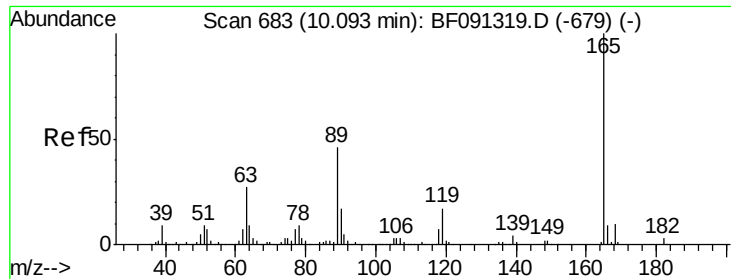
#50
2,6-Dinitrotoluene
Concen: 9.62 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.20 min
Lab File: BF091358.D
Acq: 30 Nov 2016 17:00

Tgt Ion:165 Resp: 47463
Ion Ratio Lower Upper
165 100
63 1.4 59.4 89.0#
89 1.2 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

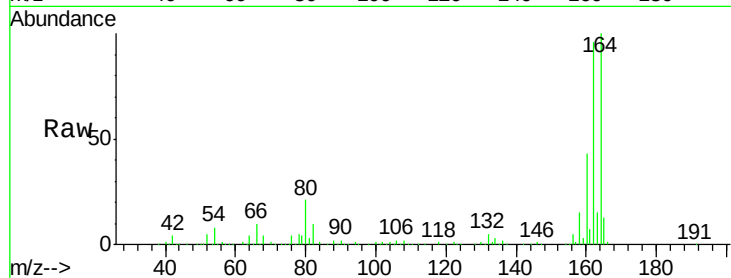




#56
 2,4-Dinitrotoluene
 Concen: 7.42 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.20 min
 Lab File: BF091358.D
 Acq: 30 Nov 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 112216-DSDC-E-D-S

Tgt Ion:	165	Resp:	47465
Ion	Ratio	Lower	Upper
165	100		
63	1.4	29.0	43.4#
89	1.2	43.1	64.7#
182	0.0	1.9	2.9#

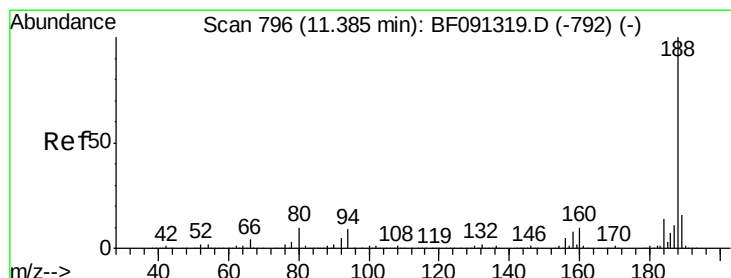
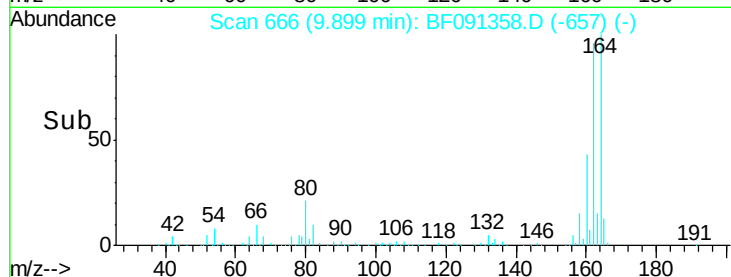
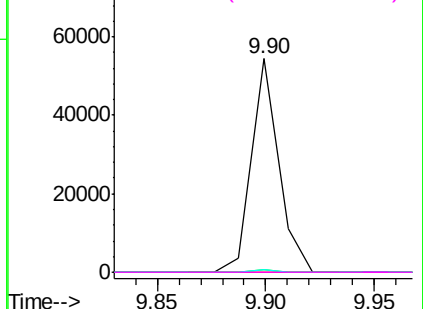


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

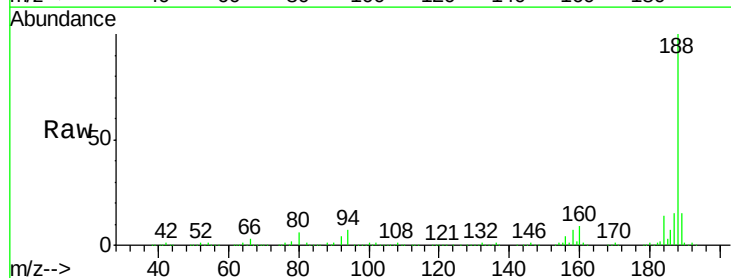
Ion 89.00 (88.70 to 89.70): BF0

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: BF091358.D
 Acq: 30 Nov 2016 17:00

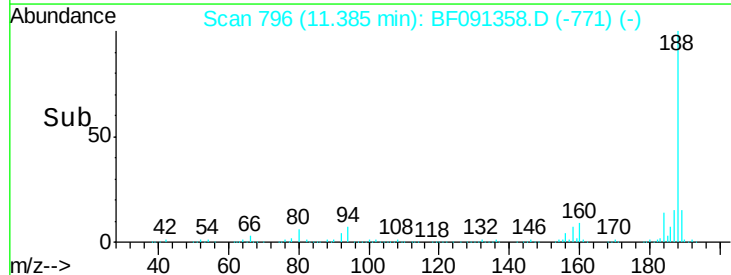
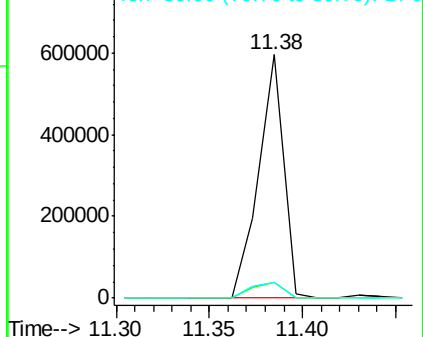
Tgt Ion:	188	Resp:	554900
Ion	Ratio	Lower	Upper
188	100		
94	6.6	9.2	13.8#
80	6.3	10.5	15.7#

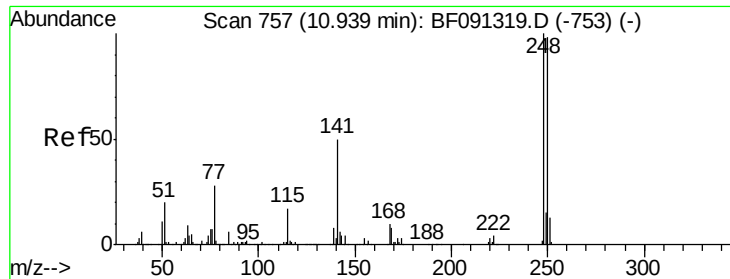


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.89 ng

RT: 10.69 min Scan# 735

Delta R.T. -0.27 min

Lab File: BF091358.D

Acq: 30 Nov 2016 17:00

Instrument :

BNA_F

ClientSampleId :

112216-DSDC-E-D-S

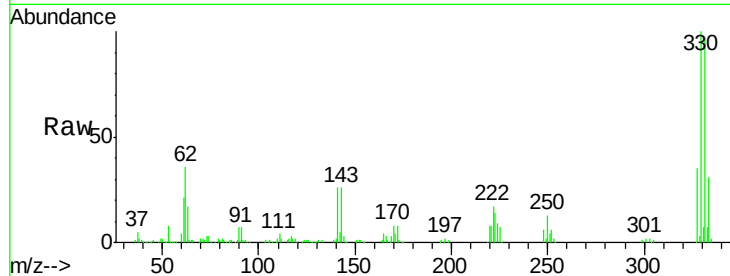
Tgt Ion:248 Resp: 17260

Ion Ratio Lower Upper

248 100

250 198.3 78.2 117.4#

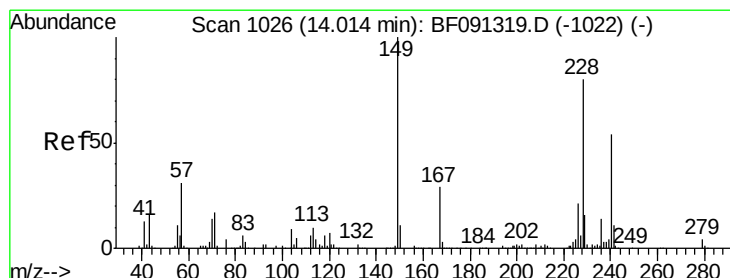
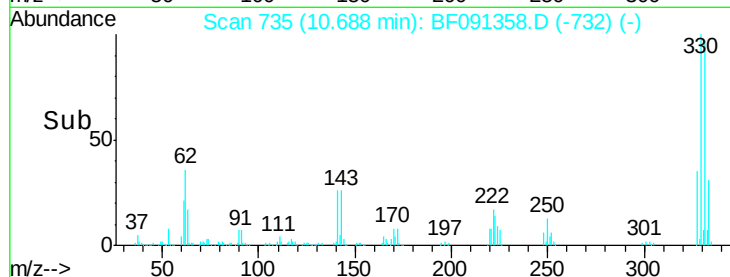
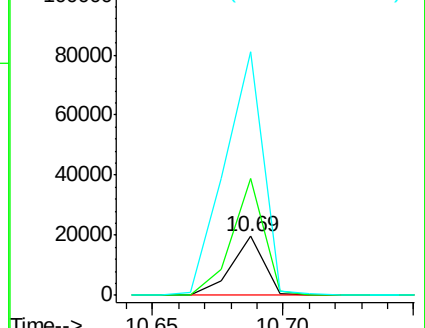
141 411.2 71.9 107.9#



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: BF091358.D

Acq: 30 Nov 2016 17:00

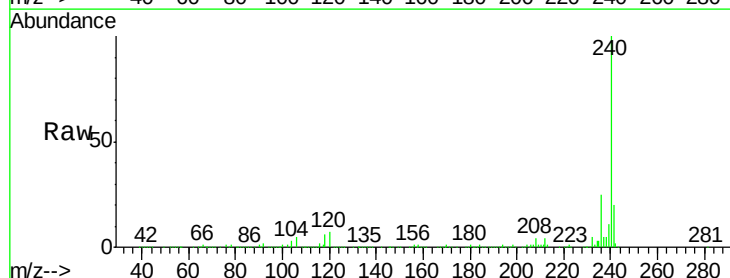
Tgt Ion:240 Resp: 419942

Ion Ratio Lower Upper

240 100

120 7.4 12.1 18.1#

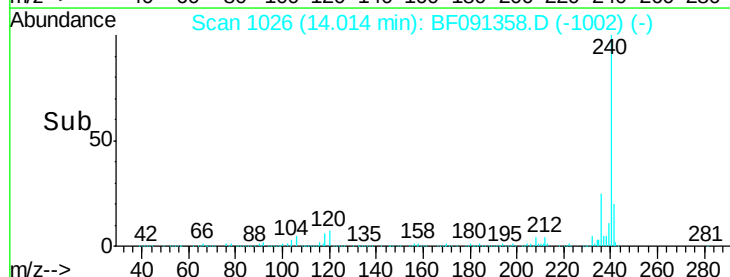
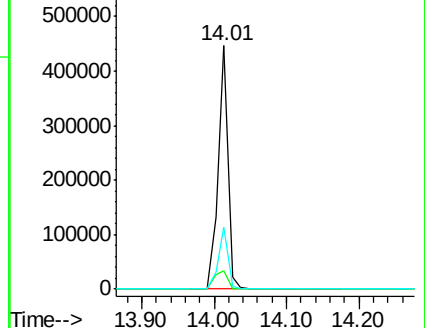
236 25.4 21.0 31.6

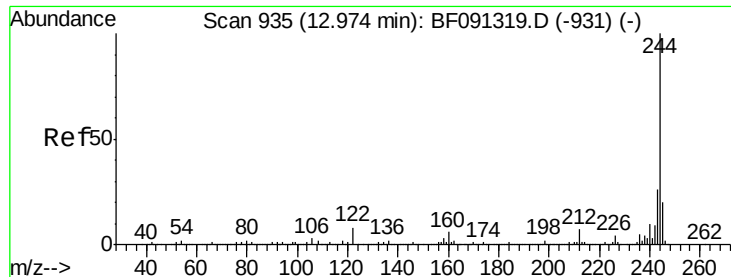


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

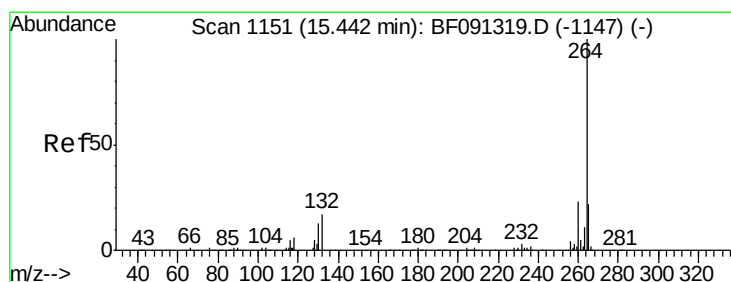
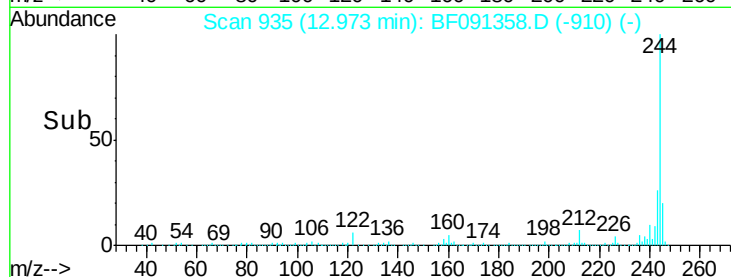
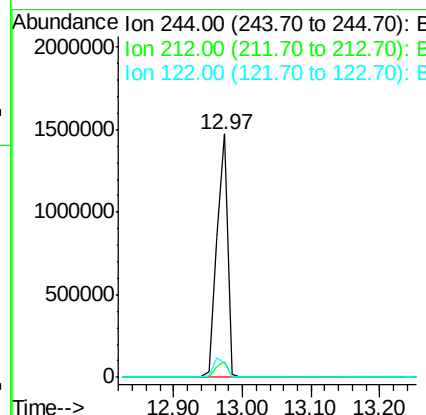
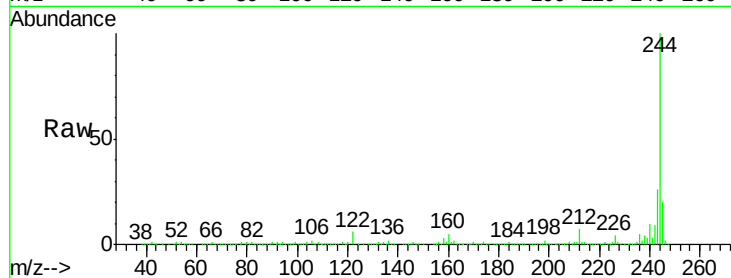




#78
 Terphenyl-d14
 Concen: 84.70 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091358.D
 Acq: 30 Nov 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 112216-DSDC-E-D-S

Tgt Ion:244 Resp: 1636530
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.5 9.7
 122 6.1 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091358.D
 Acq: 30 Nov 2016 17:00

Tgt Ion:264 Resp: 388031
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 22.0 17.0 25.6

