

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113016\
 Data File : BF091364.D
 Acq On : 30 Nov 2016 19:47
 Operator : UM/SJ
 Sample : H5779-04
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

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

Quant Time: Dec 01 00:17:54 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

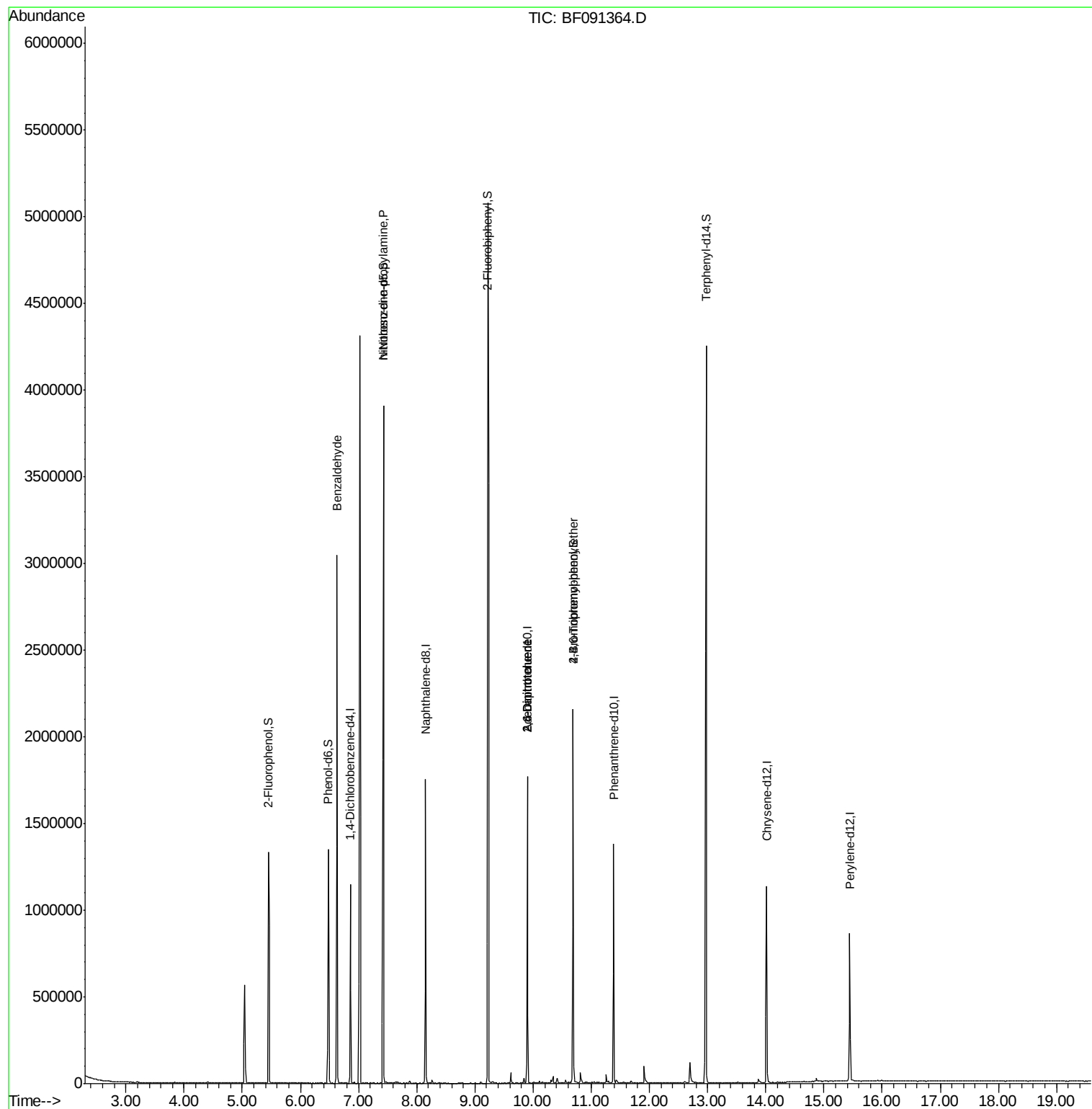
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	188192	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	781799	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	376872	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	581232	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	423148	20.00	ng	-0.03
86) Perylene-d12	15.44	264	396357	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	423229	36.74	ng	-0.02
7) Phenol-d6	6.48	99	367123	25.89	ng	-0.02
23) Nitrobenzene-d5	7.43	82	1357553	97.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	274736	77.00	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	2238111	107.53	ng	-0.02
78) Terphenyl-d14	12.97	244	1671138	85.84	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.63	77	19387	2.13	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.43	70	188226	21.07	ng	# 73
50) 2,6-Dinitrotoluene	9.90	165	48970	9.60	ng	# 16
56) 2,4-Dinitrotoluene	9.90	165	48975	7.40	ng	# 33
66) 4-Bromophenyl-phenylether	10.69	248	18255	2.92	ng	# 1

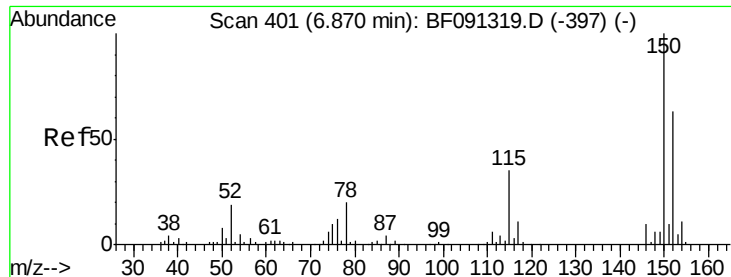
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 01 00:17:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

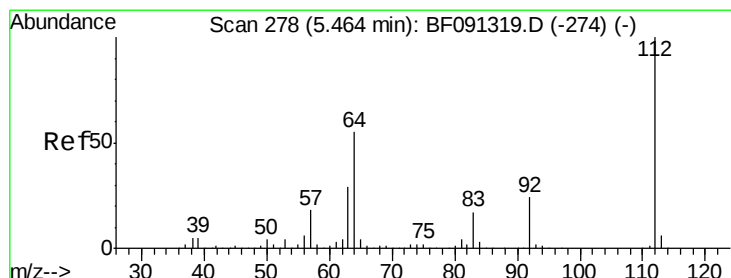
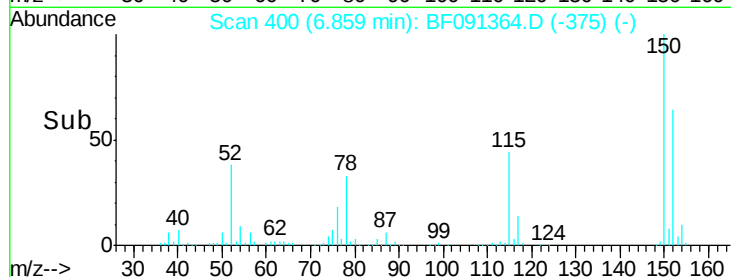
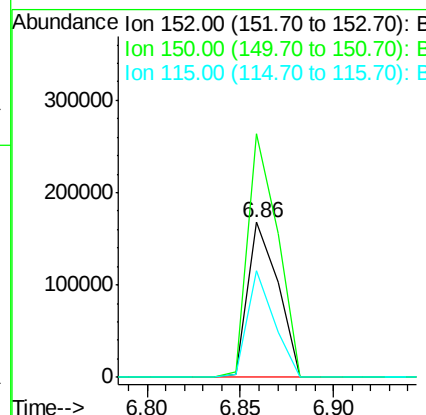
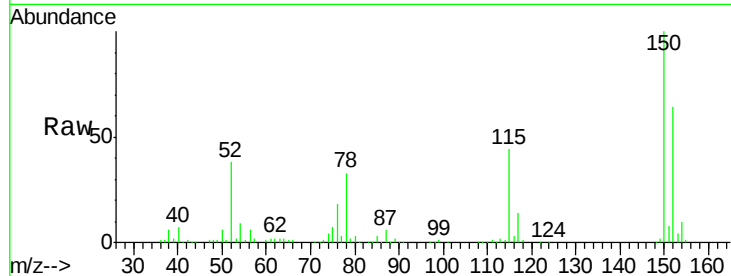




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 400
 Delta R.T. -0.02 min
 Lab File: BF091364.D
 Acq: 30 Nov 2016 19:47

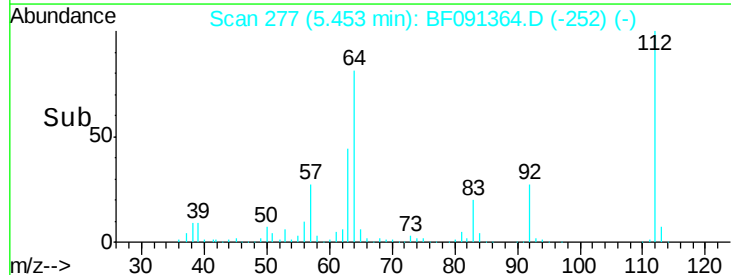
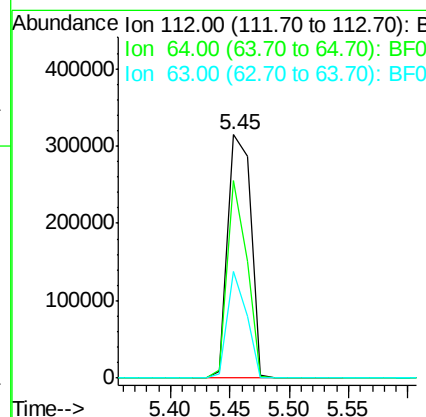
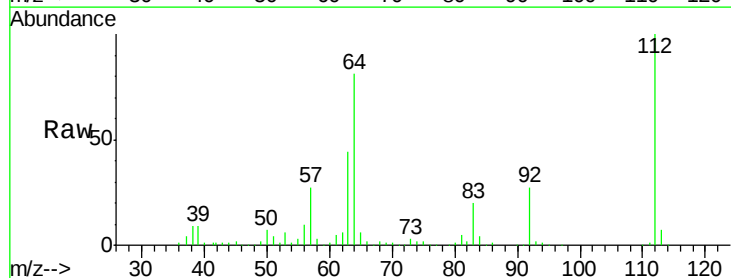
Instrument :
 BNA_F
 ClientSampleId :
 112816-DSDC-F-U-S

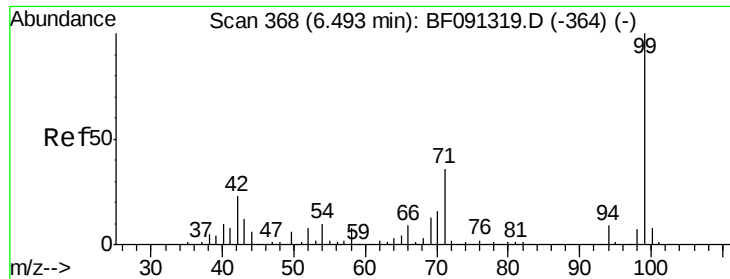
Tgt Ion:152 Resp: 188192
 Ion Ratio Lower Upper
 152 100
 150 157.2 122.5 183.7
 115 69.1 51.8 77.8



#5
 2-Fluorophenol
 Concen: 36.74 ng
 RT: 5.45 min Scan# 277
 Delta R.T. -0.02 min
 Lab File: BF091364.D
 Acq: 30 Nov 2016 19:47

Tgt Ion:112 Resp: 423229
 Ion Ratio Lower Upper
 112 100
 64 81.2 61.5 92.3
 63 43.6 33.3 49.9





#7

Phenol-d6

Concen: 25.89 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091364.D

Acq: 30 Nov 2016 19:47

Instrument :

BNA_F

ClientSampleId :

112816-DSDC-F-U-S

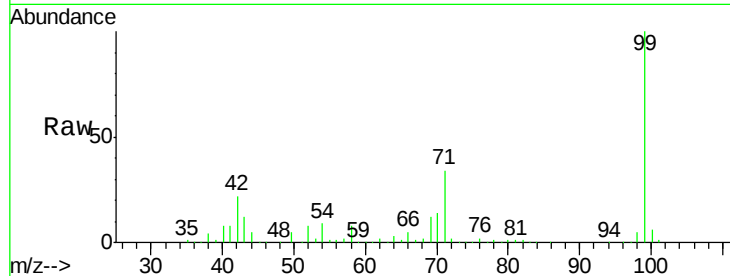
Tgt Ion: 99 Resp: 367123

Ion Ratio Lower Upper

99 100

42 21.9 20.6 31.0

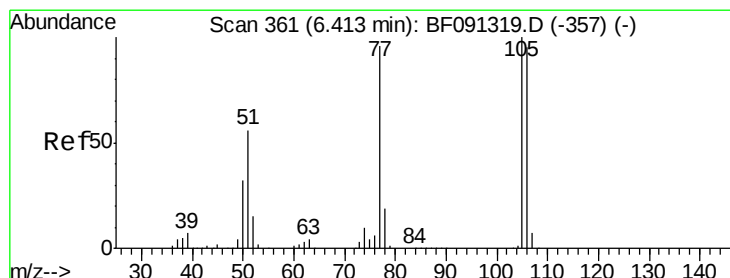
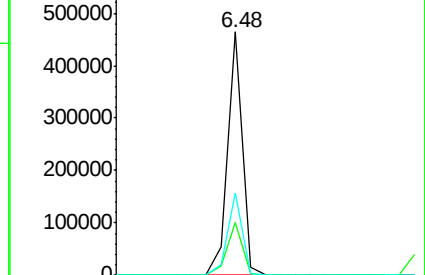
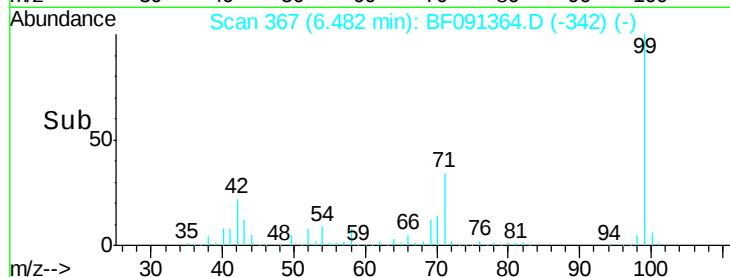
71 33.7 29.9 44.9



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: 2.13 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.21 min

Lab File: BF091364.D

Acq: 30 Nov 2016 19:47

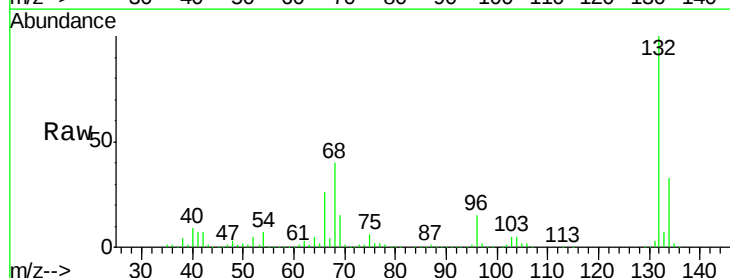
Tgt Ion: 77 Resp: 19387

Ion Ratio Lower Upper

77 100

105 82.1 66.4 106.4

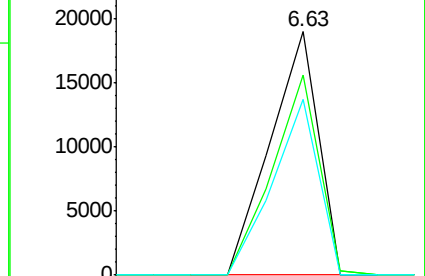
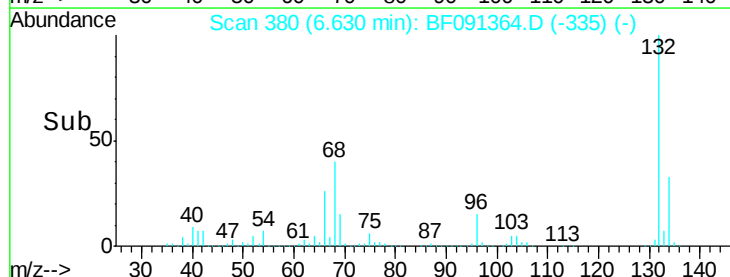
106 72.1 60.9 100.9

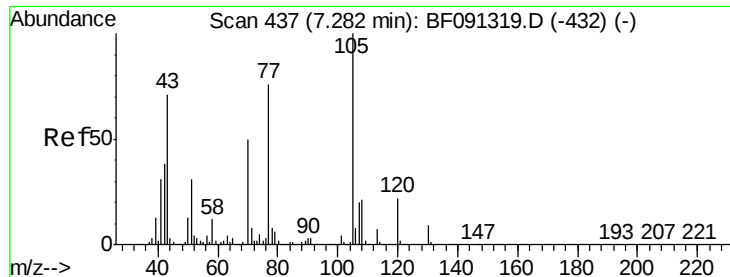


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

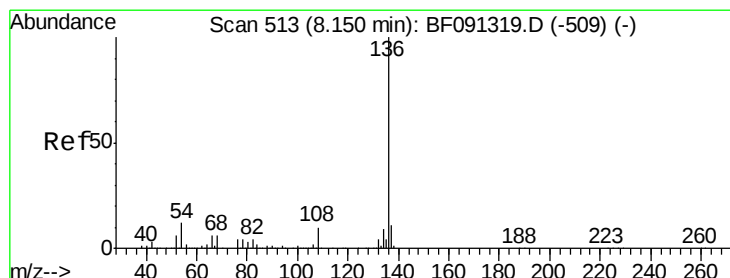
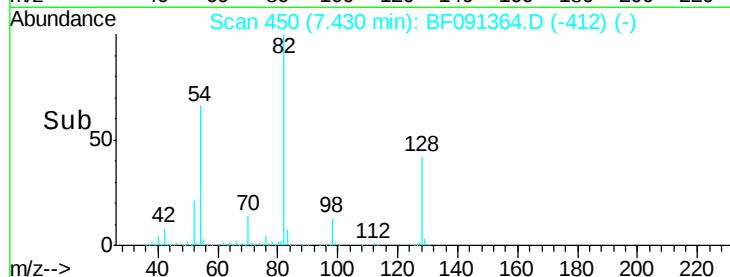
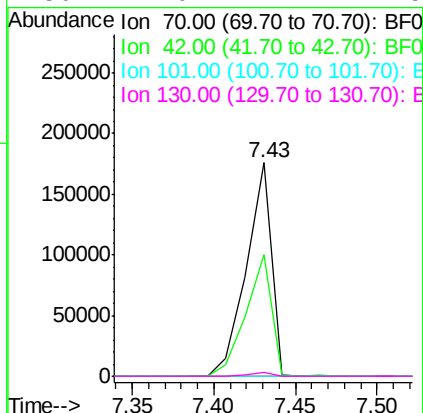
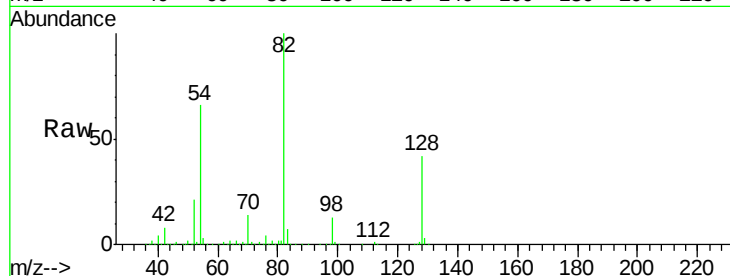




#19
n-Nitroso-di-n-propylamine
Concen: 21.07 ng
RT: 7.43 min Scan# 450
Delta R.T. 0.13 min
Lab File: BF091364.D
Acq: 30 Nov 2016 19:47

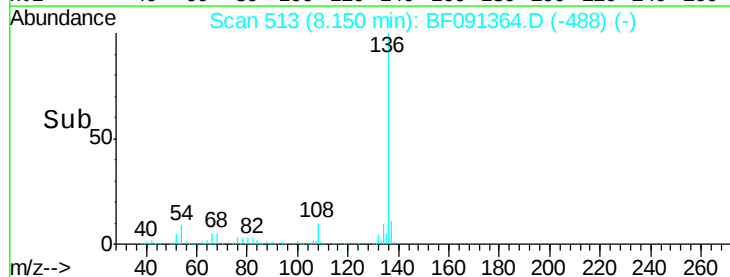
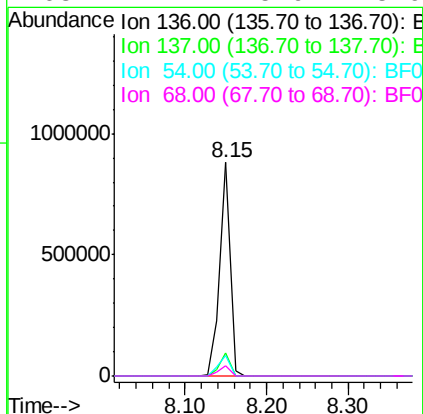
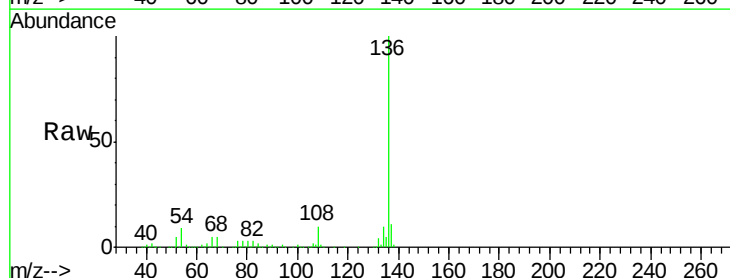
Instrument :
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112816-DSDC-F-U-S

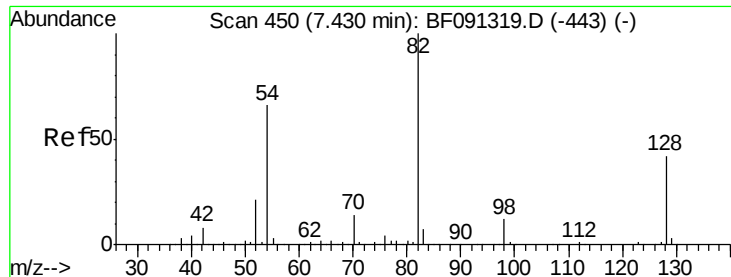
Tgt Ion: 70 Resp: 188226
Ion Ratio Lower Upper
70 100
42 57.1 64.8 97.2#
101 0.0 6.2 9.4#
130 2.0 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091364.D
Acq: 30 Nov 2016 19:47

Tgt Ion: 136 Resp: 781799
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 9.5 9.1 13.7
68 4.7 5.9 8.9#

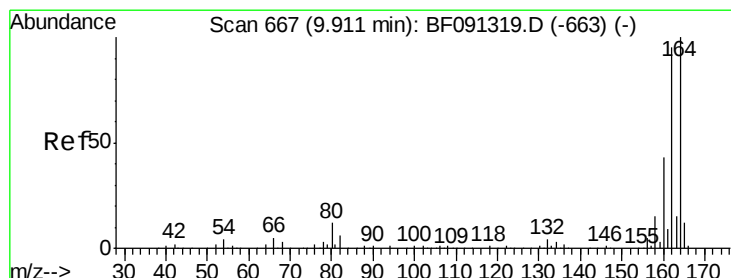
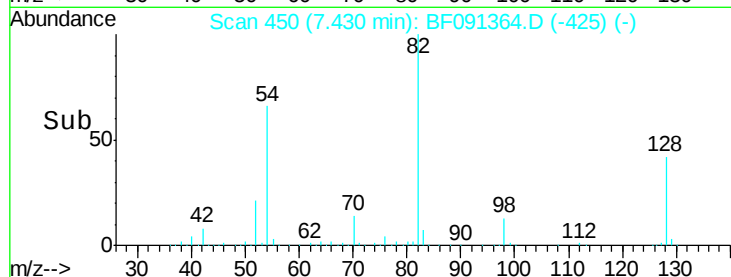
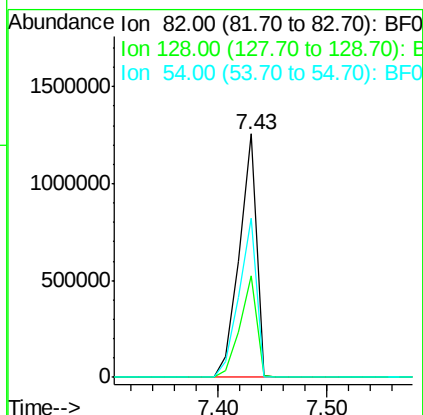
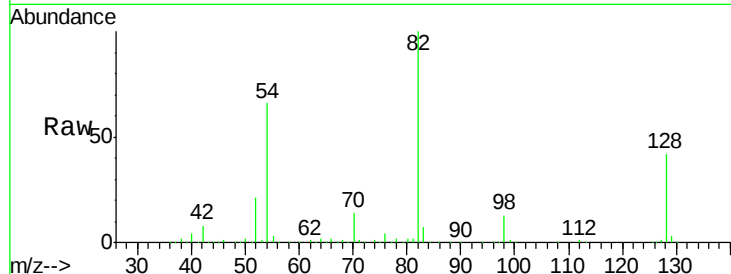




#23
Nitrobenzene-d5
Concen: 97.31 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF091364.D
Acq: 30 Nov 2016 19:47

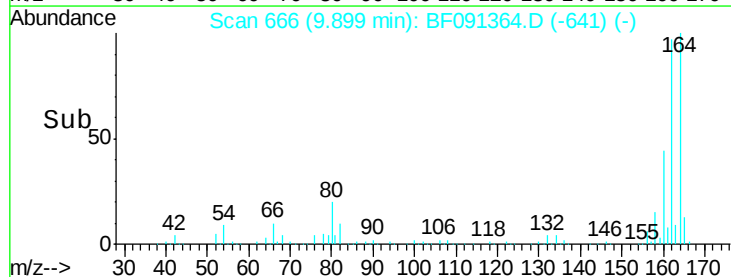
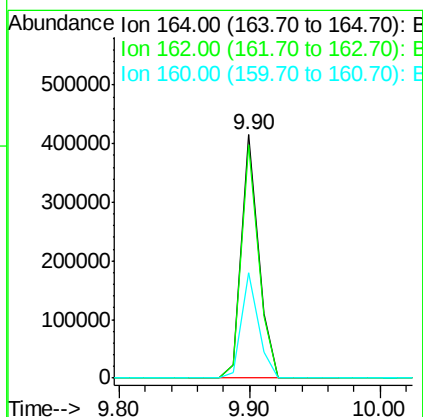
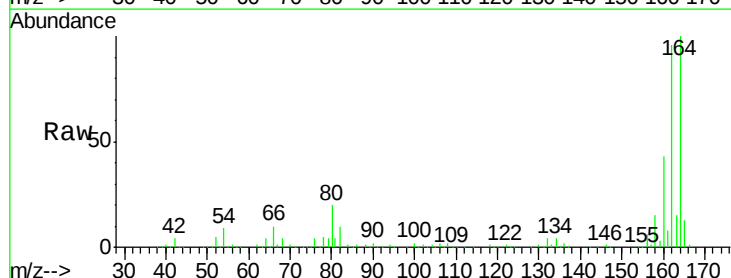
Instrument :
BNA_F
ClientSampleId :
112816-DSDC-F-U-S

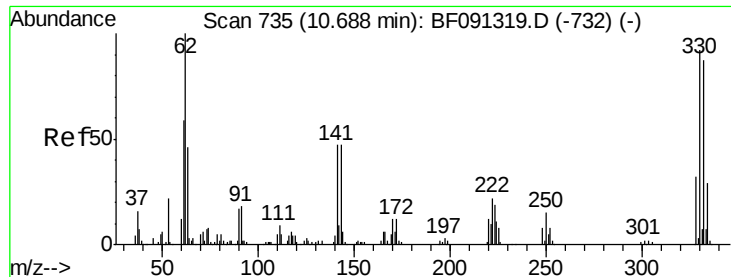
Tgt Ion: 82 Resp: 1357553
Ion Ratio Lower Upper
82 100
128 41.7 31.8 47.6
54 65.5 49.1 73.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091364.D
Acq: 30 Nov 2016 19:47

Tgt Ion: 164 Resp: 376872
Ion Ratio Lower Upper
164 100
162 96.1 82.6 124.0
160 43.4 36.7 55.1

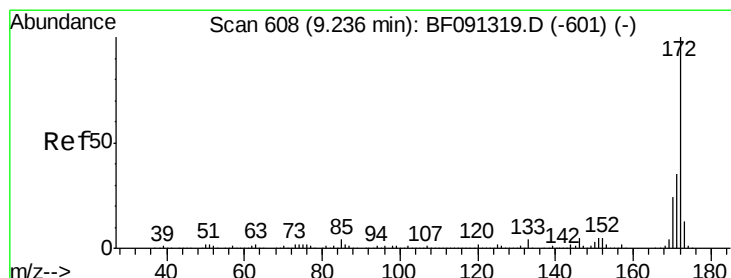
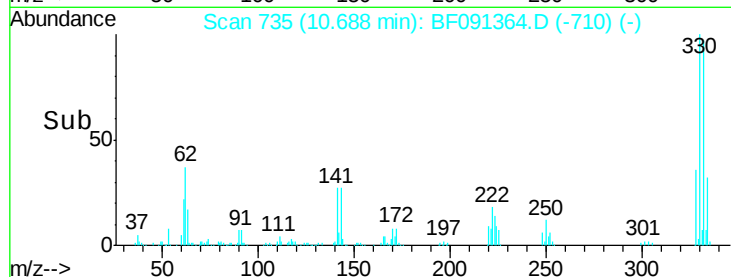
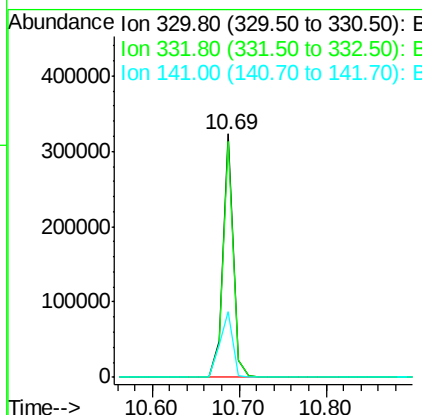
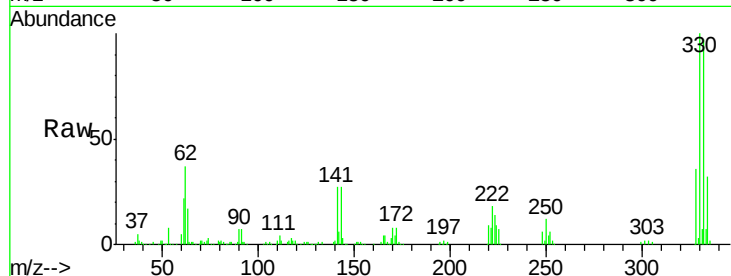




#41
 2,4,6-Tribromophenol
 Concen: 77.00 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091364.D
 Acq: 30 Nov 2016 19:47

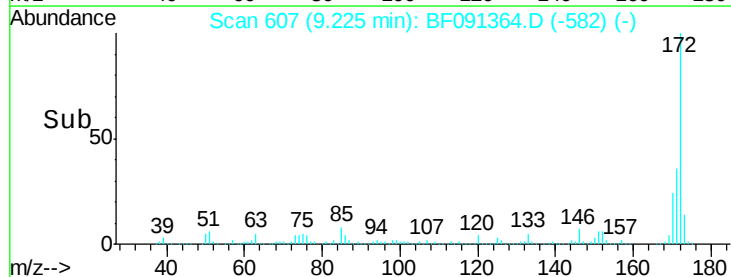
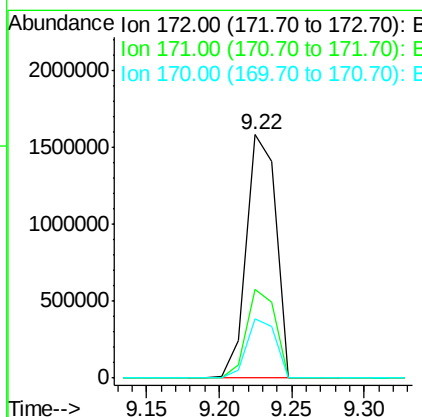
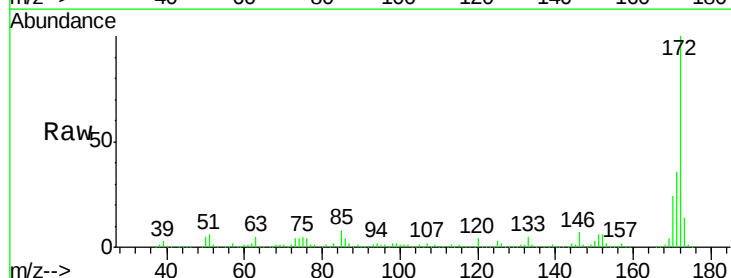
Instrument :
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 112816-DSDC-F-U-S

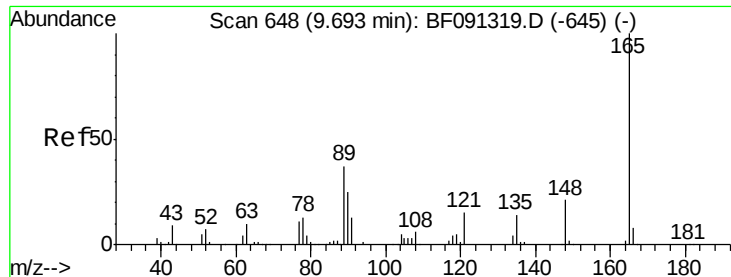
Tgt Ion: 330 Resp: 274736
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.2 114.4
 141 33.3 33.6 50.4#



#44
 2-Fluorobiphenyl
 Concen: 107.53 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091364.D
 Acq: 30 Nov 2016 19:47

Tgt Ion: 172 Resp: 2238111
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.2 19.7 29.5

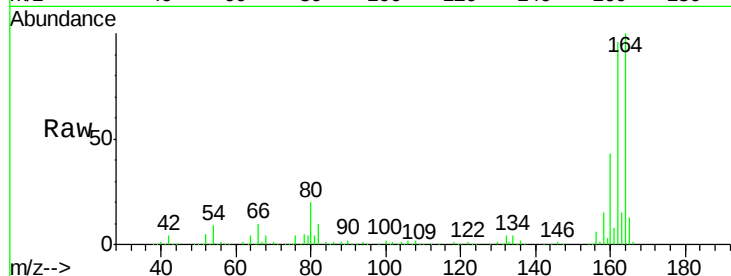




#50
 2,6-Dinitrotoluene
 Concen: 9.60 ng
 RT: 9.90 min Scan# 666
 Delta R.T. 0.20 min
 Lab File: BF091364.D
 Acq: 30 Nov 2016 19:47

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

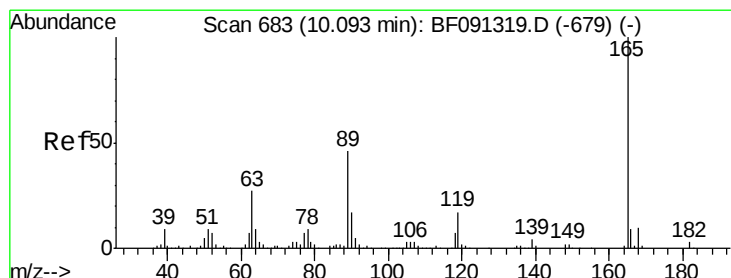
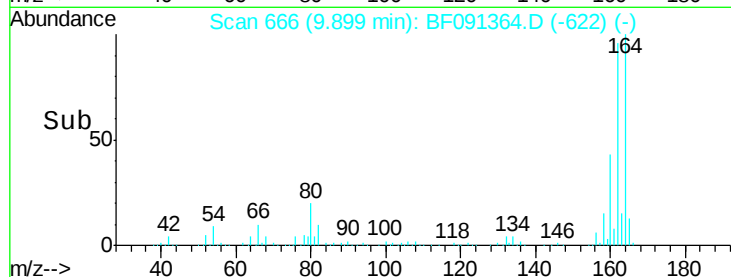
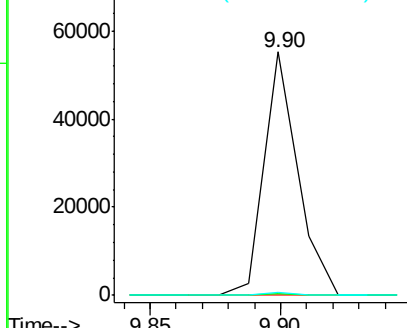
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	59.4	89.0#
89	1.1	50.8	76.2#



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: 7.40 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.20 min
 Lab File: BF091364.D
 Acq: 30 Nov 2016 19:47

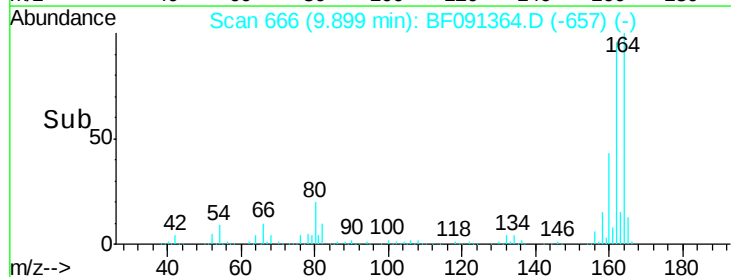
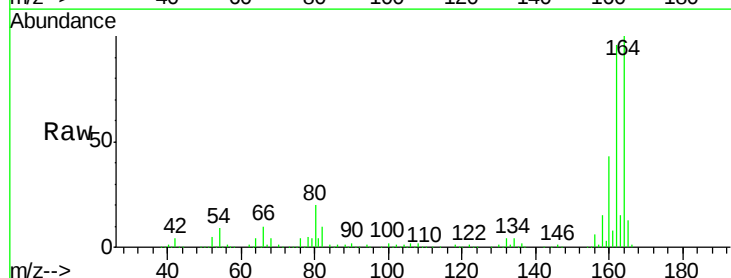
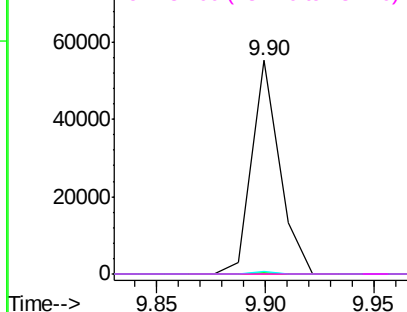
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.0	43.4#
89	1.1	43.1	64.7#
182	0.0	1.9	2.9#

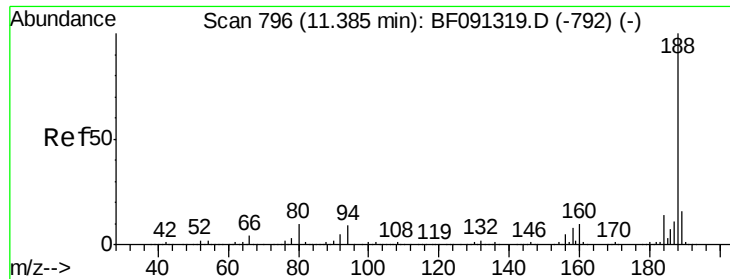
Abundance Ion 165.00 (164.70 to 165.70): E

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

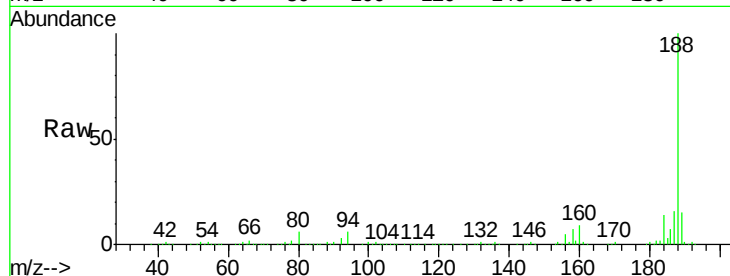




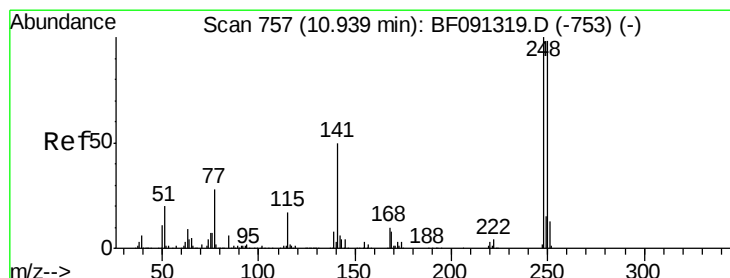
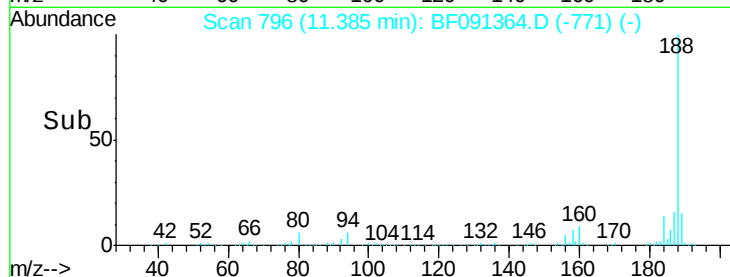
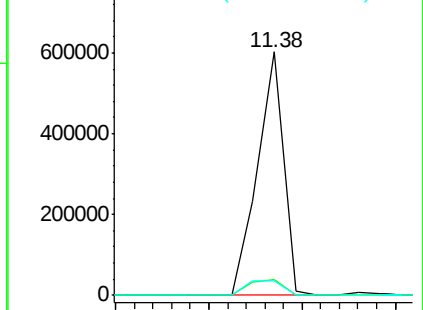
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091364.D
Acq: 30 Nov 2016 19:47

Instrument :
BNA_F
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112816-DSDC-F-U-S

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

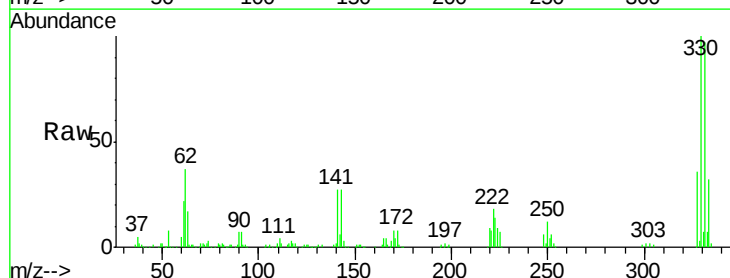


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

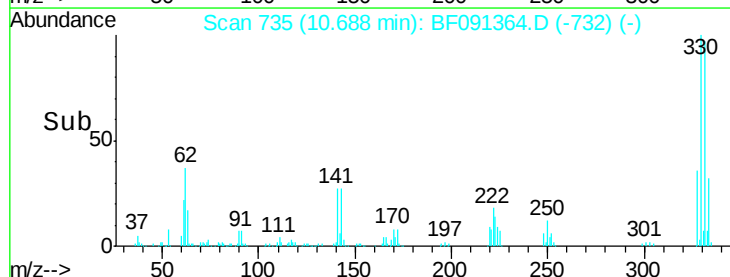
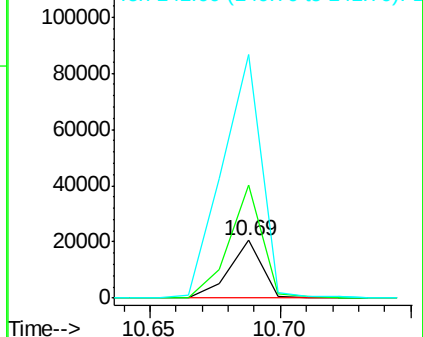


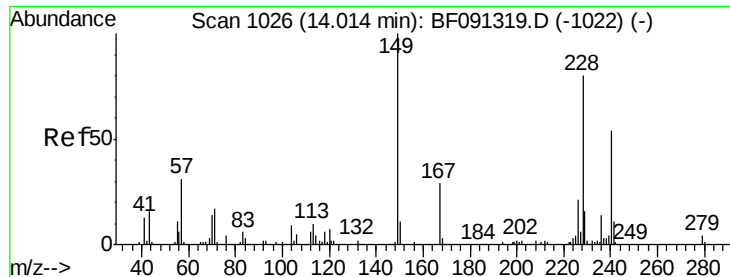
#66
4-Bromophenyl-phenylether
Concen: 2.92 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF091364.D
Acq: 30 Nov 2016 19:47

Tgt Ion	Ratio	Lower	Upper
248	100		
250	195.9	78.2	117.4#
141	420.7	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: BF091364.D

Acq: 30 Nov 2016 19:47

Instrument :

BNA_F

ClientSampleId :

112816-DSDC-F-U-S

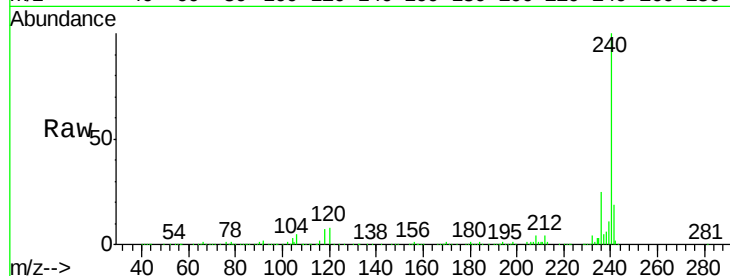
Tgt Ion:240 Resp: 423148

Ion Ratio Lower Upper

240 100

120 8.0 12.1 18.1#

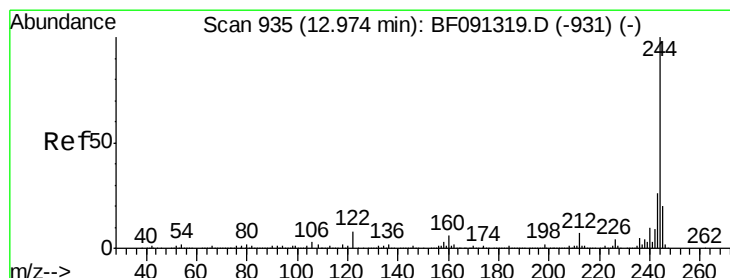
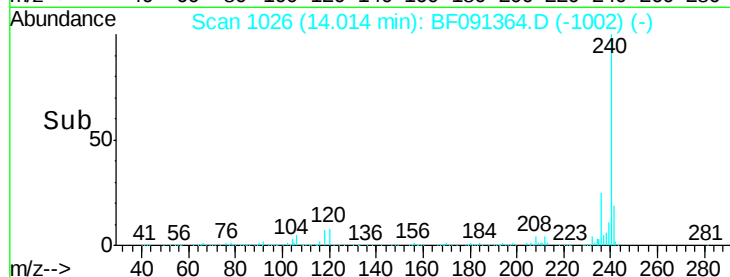
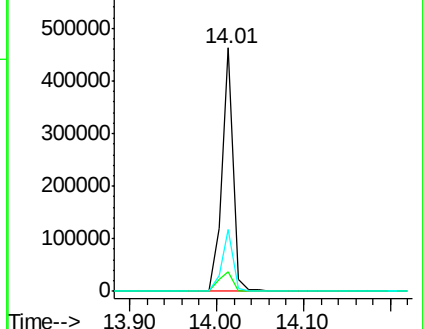
236 25.4 21.0 31.6



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: 85.84 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091364.D

Acq: 30 Nov 2016 19:47

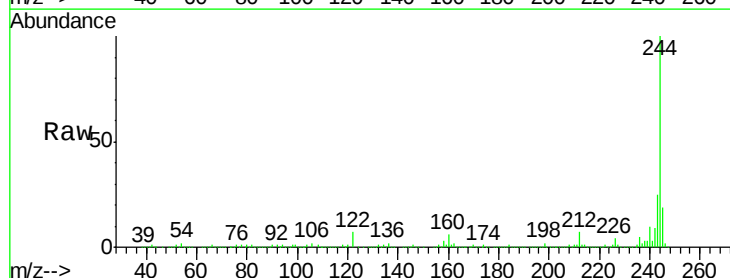
Tgt Ion:244 Resp: 1671138

Ion Ratio Lower Upper

244 100

212 6.9 6.5 9.7

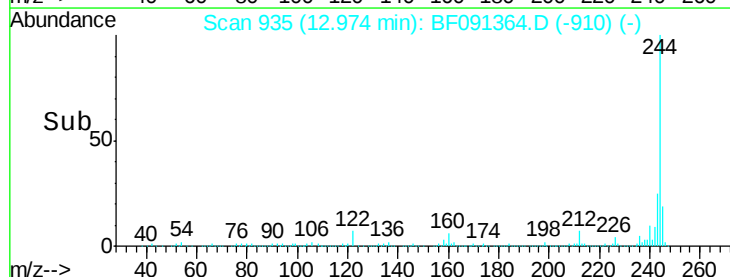
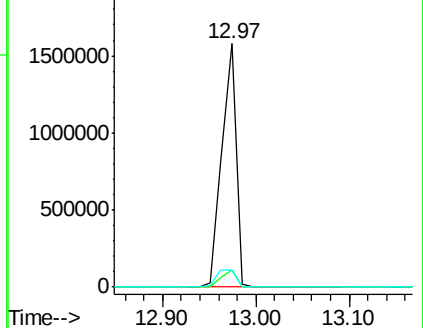
122 7.2 9.5 14.3#

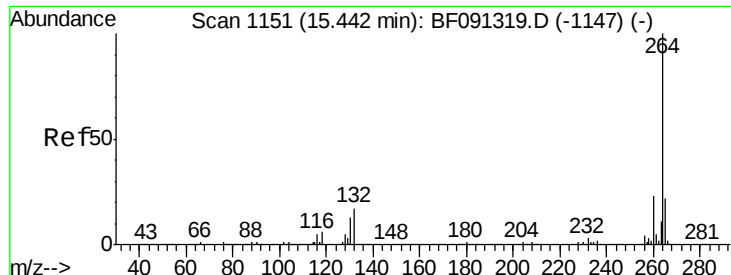


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

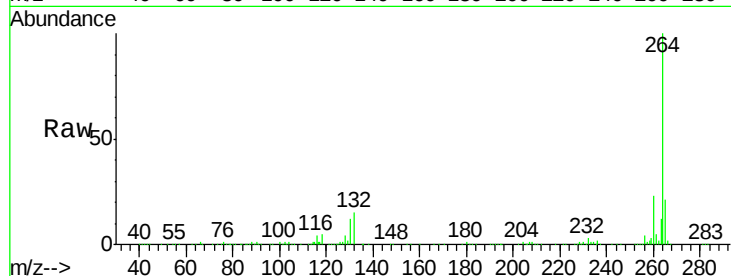




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091364.D
Acq: 30 Nov 2016 19:47

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.8	28.2
265	21.4	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

