

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120916\
 Data File : BF091538.D
 Acq On : 9 Dec 2016 20:20
 Operator : UM/SJ
 Sample : PB94152BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BL

Quant Time: Dec 09 22:12:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

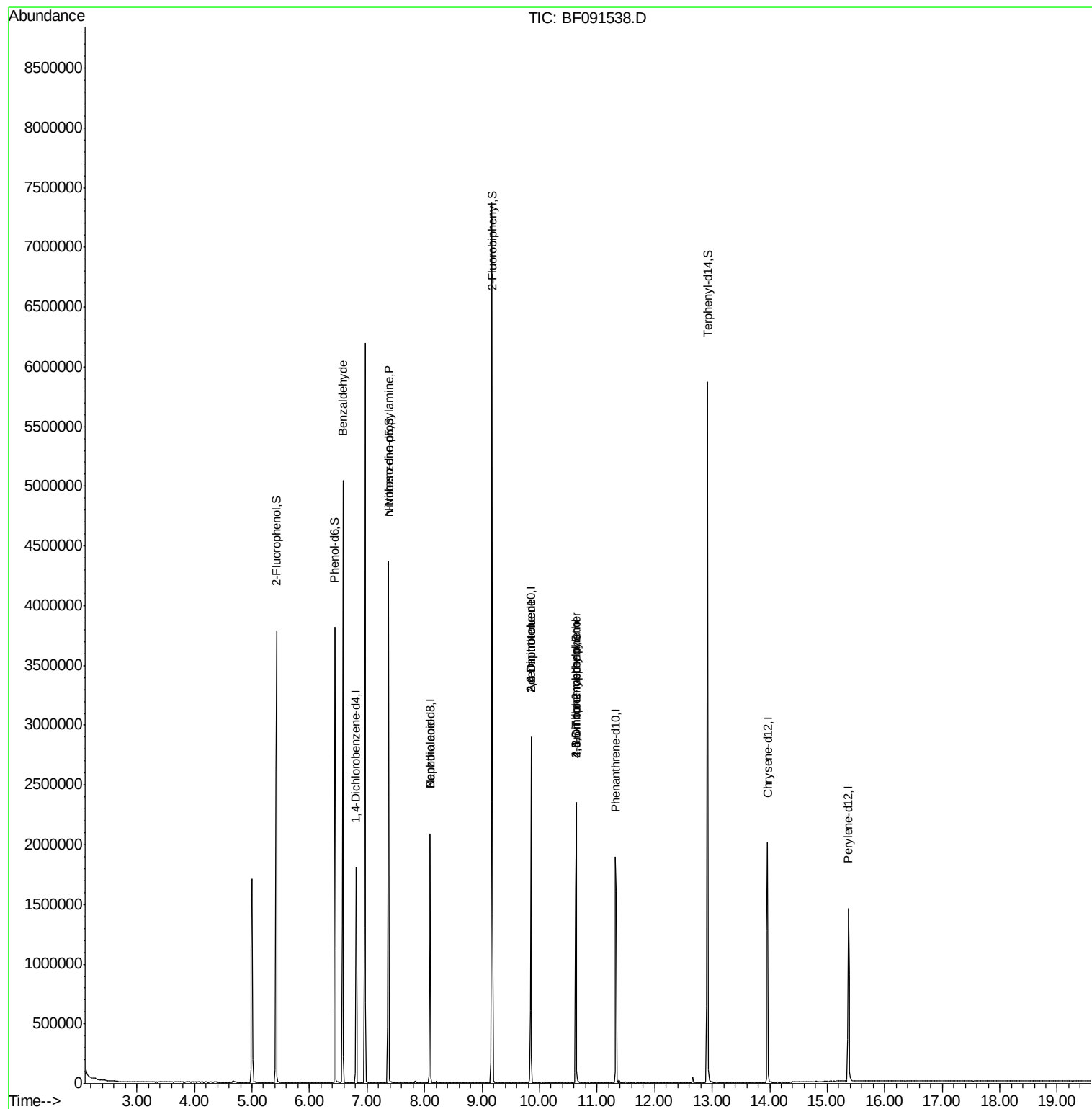
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	276952	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1179336	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	601566	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	995211	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	881546	20.00	ng	0.00
86) Perylene-d12	15.37	264	718798	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1300514	79.11	ng	0.01
7) Phenol-d6	6.44	99	1388227	67.74	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1885292	89.22	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	360218	72.09	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2570128	73.82	ng	-0.01
78) Terphenyl-d14	12.92	244	2711063	69.78	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	31373	2.22	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.38	70	254729	19.88	ng	# 62
32) Benzoic acid	8.10	122	228	4.91	ng	# 1
50) 2,6-Dinitrotoluene	9.85	165	78024	9.33	ng	# 16
56) 2,4-Dinitrotoluene	9.85	165	78028	7.45	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.64	198	913	3.09	ng	# 53
66) 4-Bromophenyl-phenylether	10.64	248	23518	2.30	ng	# 1

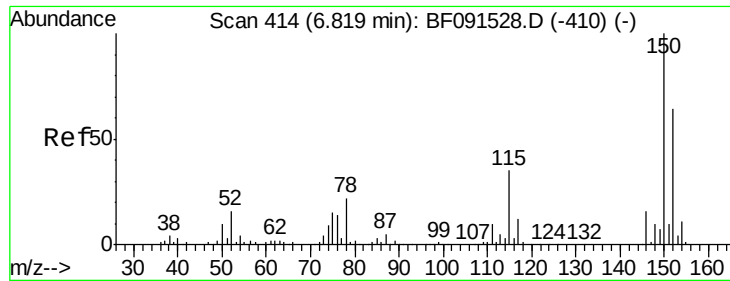
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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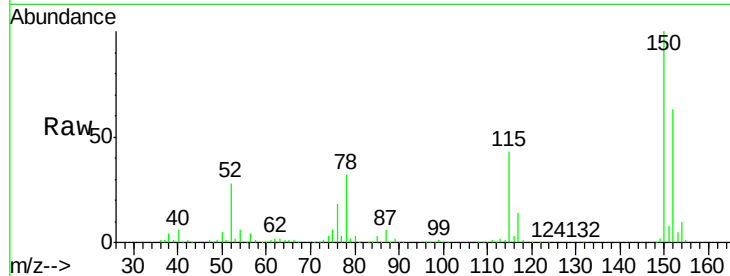




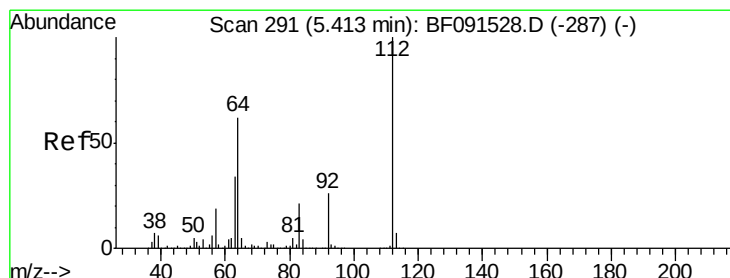
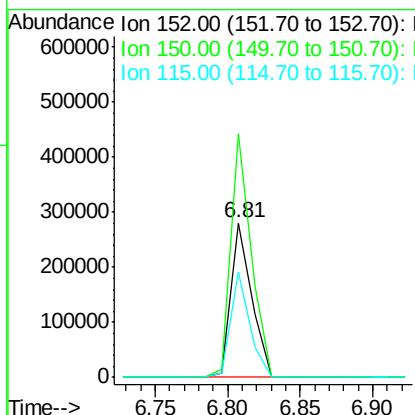
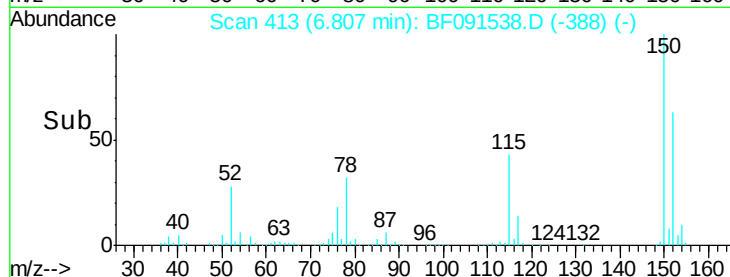
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF091538.D
 Acq: 9 Dec 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BL

Tgt Ion:152 Resp: 276952
 Ion Ratio Lower Upper
 152 100
 150 157.8 122.5 183.7
 115 68.6 51.8 77.8

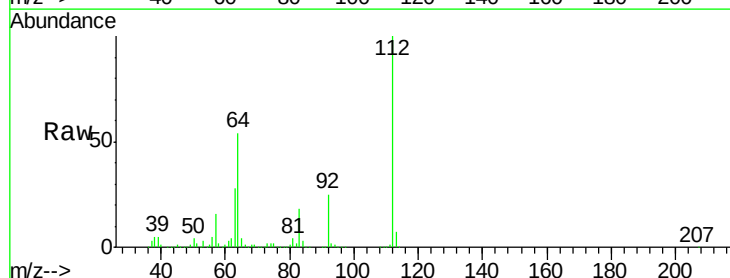


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

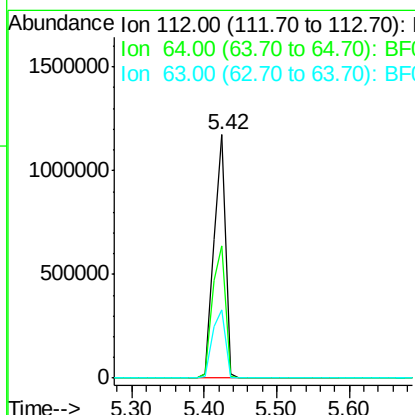
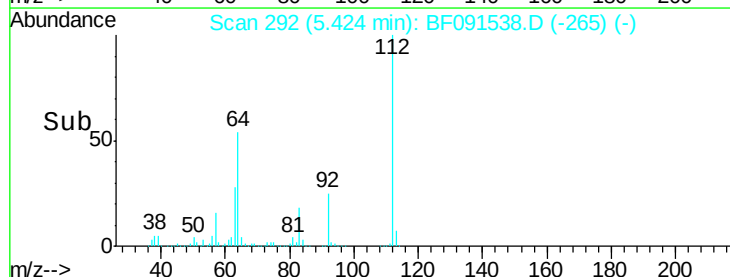


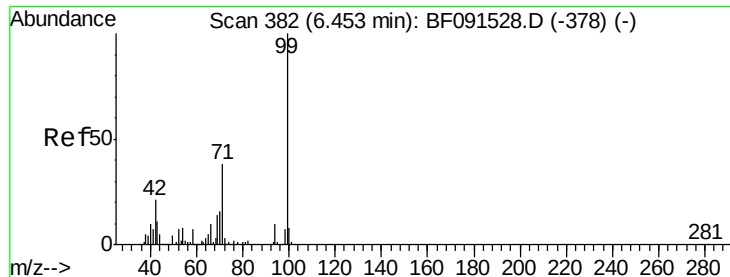
#5
 2-Fluorophenol
 Concen: 79.11 ng
 RT: 5.42 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: BF091538.D
 Acq: 9 Dec 2016 20:20

Tgt Ion:112 Resp: 1300514
 Ion Ratio Lower Upper
 112 100
 64 54.3 61.5 92.3#
 63 27.8 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: 67.74 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF091538.D

Acq: 9 Dec 2016 20:20

Instrument :

BNA_F

ClientSampleId :

PB95152BL

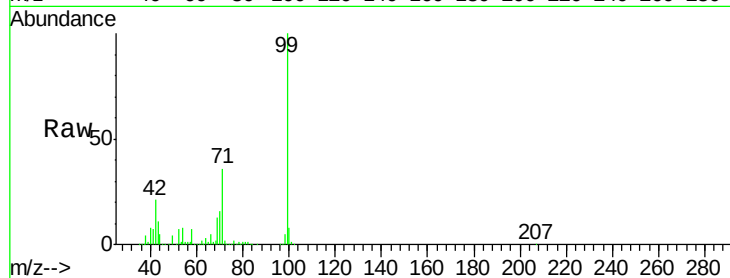
Tgt Ion: 99 Resp: 1388227

Ion Ratio Lower Upper

99 100

42 21.0 20.6 31.0

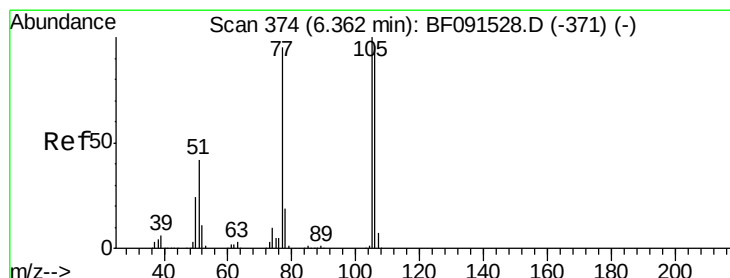
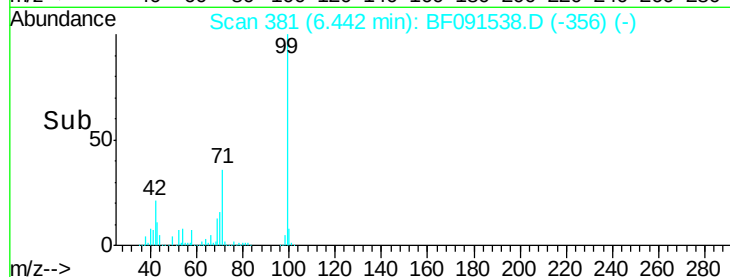
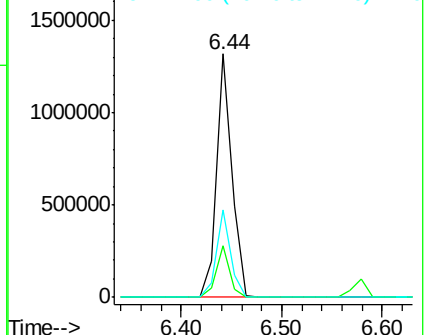
71 36.1 29.9 44.9



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: 2.22 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.22 min

Lab File: BF091538.D

Acq: 9 Dec 2016 20:20

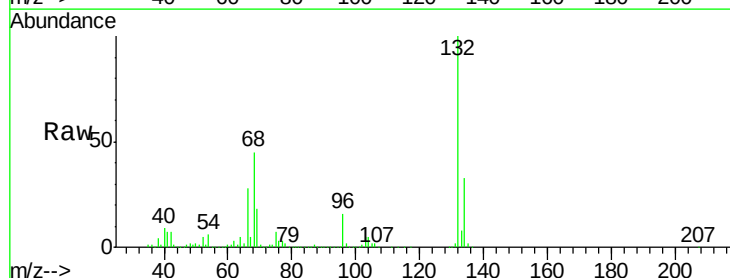
Tgt Ion: 77 Resp: 31373

Ion Ratio Lower Upper

77 100

105 78.1 66.4 106.4

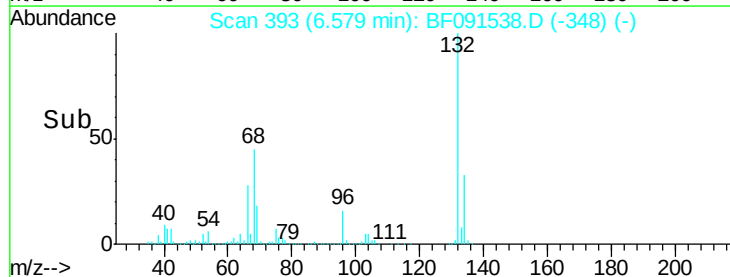
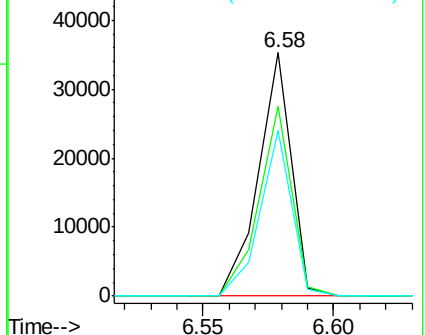
106 68.0 60.9 100.9

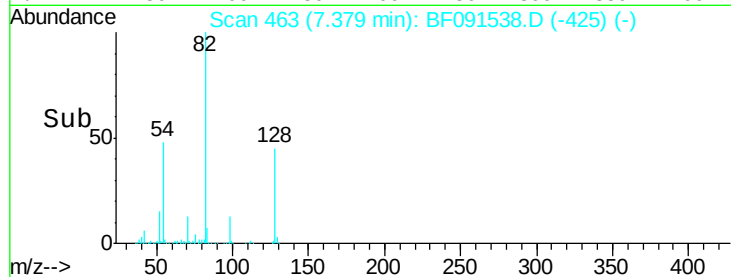
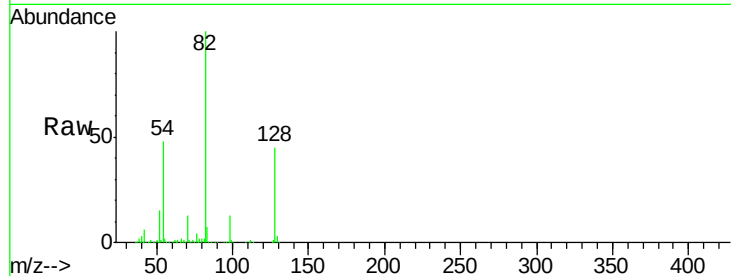
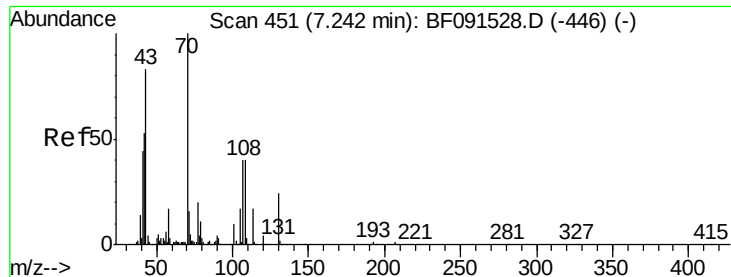


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

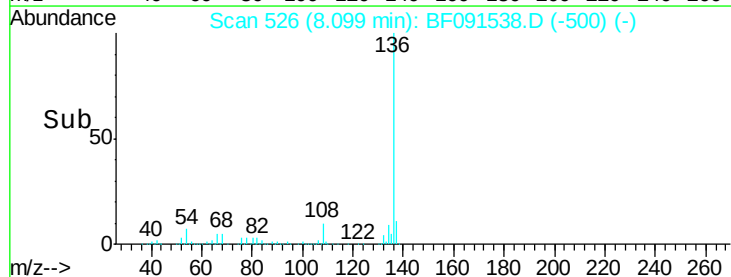
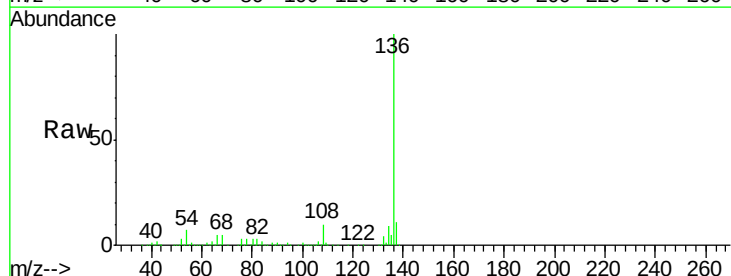
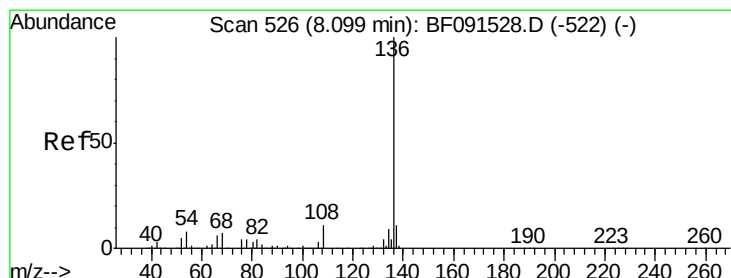
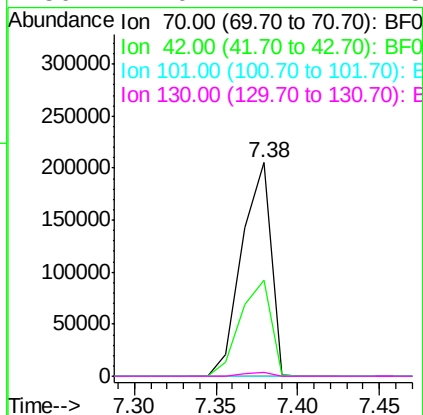




#19
n-Nitroso-di-n-propylamine
Concen: 19.88 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.14 min
Lab File: BF091538.D
Acq: 9 Dec 2016 20:20

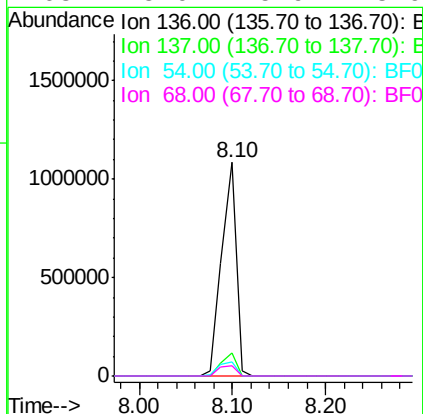
Instrument :
BNA_F
ClientSampleId :
PB95152BL

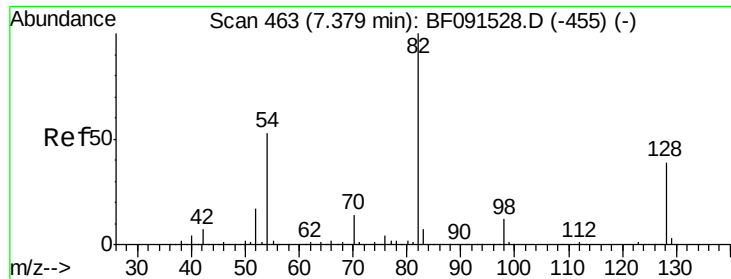
Tgt Ion: 70 Resp: 254729
Ion Ratio Lower Upper
70 100
42 44.9 64.8 97.2#
101 0.0 6.2 9.4#
130 2.0 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF091538.D
Acq: 9 Dec 2016 20:20

Tgt Ion: 136 Resp: 1179336
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 6.5 9.1 13.7#
68 5.0 5.9 8.9#

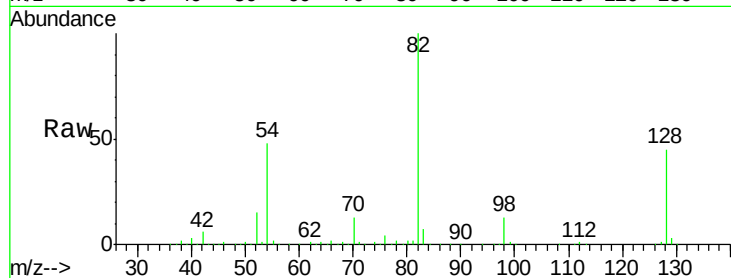




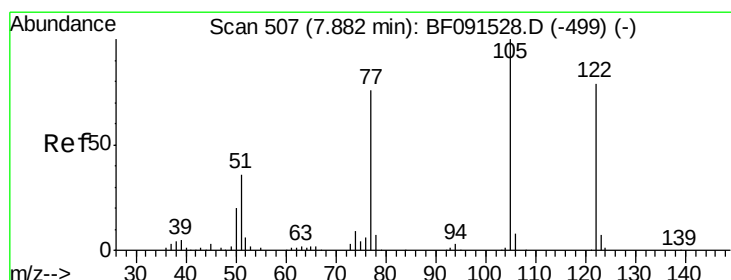
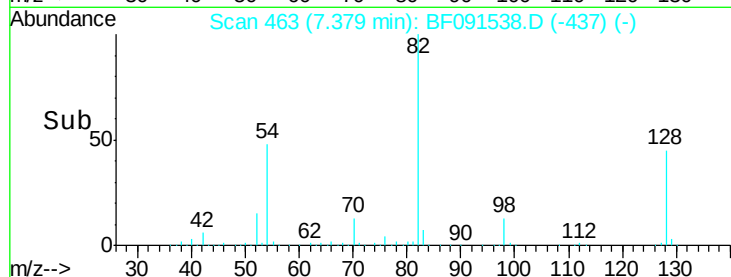
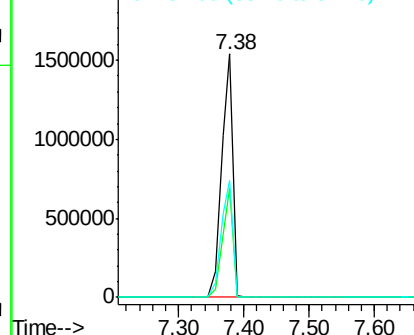
#23
 Nitrobenzene-d5
 Concen: 89.22 ng
 RT: 7.38 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF091538.D
 Acq: 9 Dec 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BL

Tgt Ion: 82 Resp: 1885292
 Ion Ratio Lower Upper
 82 100
 128 44.6 31.8 47.6
 54 48.3 49.1 73.7#

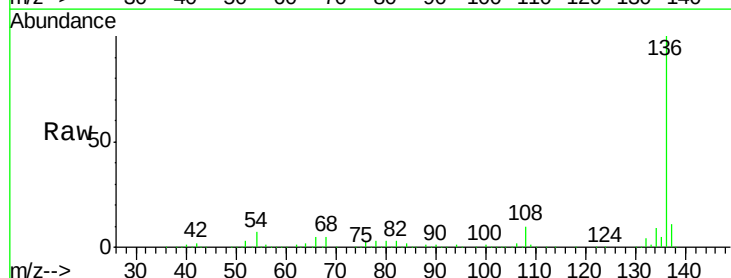


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

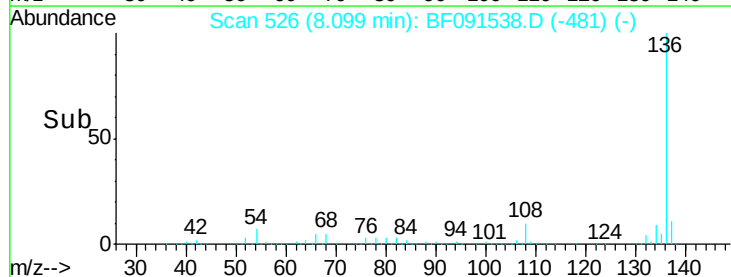
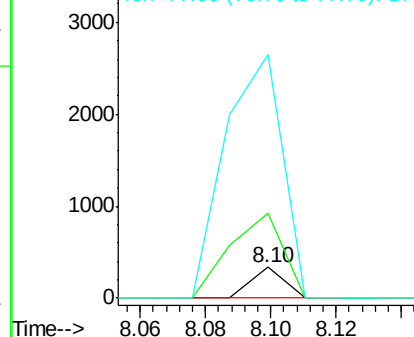


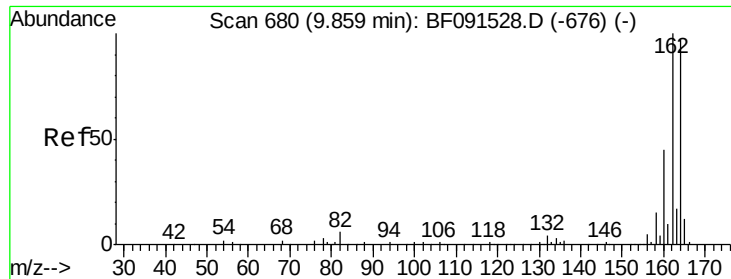
#32
 Benzoic acid
 Concen: 4.91 ng
 RT: 8.10 min Scan# 526
 Delta R.T. 0.22 min
 Lab File: BF091538.D
 Acq: 9 Dec 2016 20:20

Tgt Ion: 122 Resp: 228
 Ion Ratio Lower Upper
 122 100
 105 276.3 113.0 153.0#
 77 795.2 82.0 122.0#



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BF0

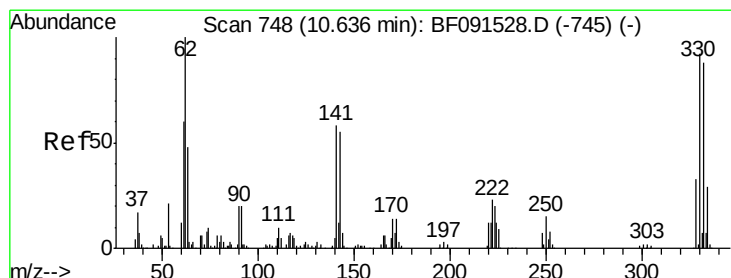
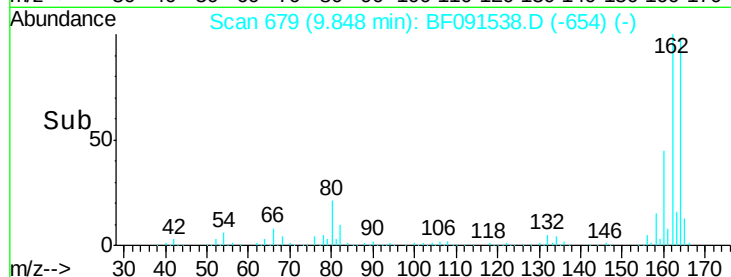
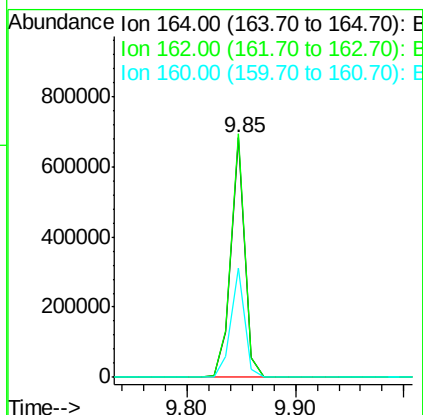
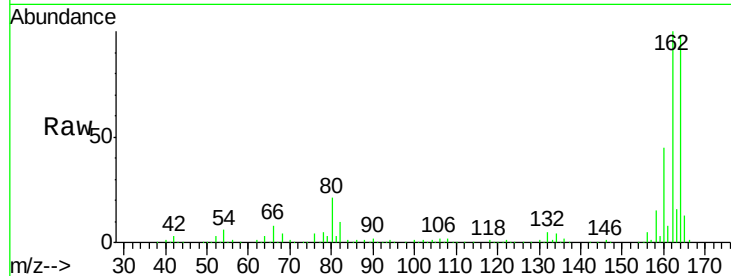




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF091538.D
 Acq: 9 Dec 2016 20:20

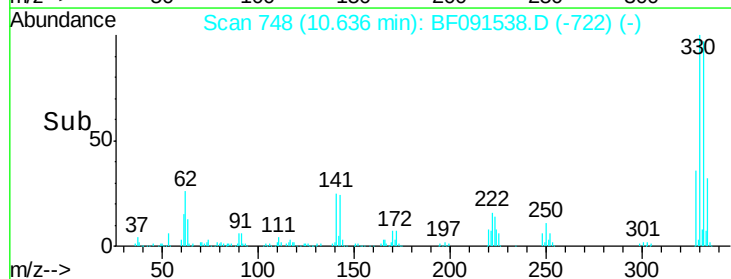
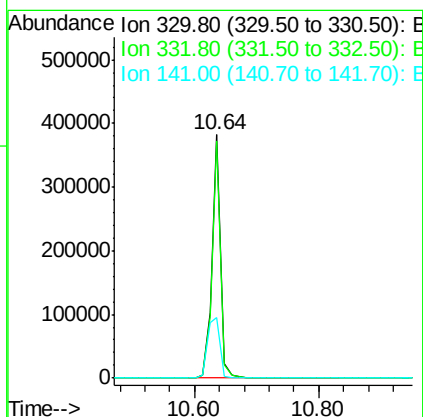
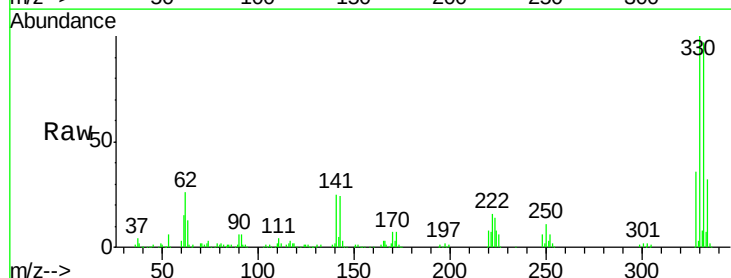
Instrument :
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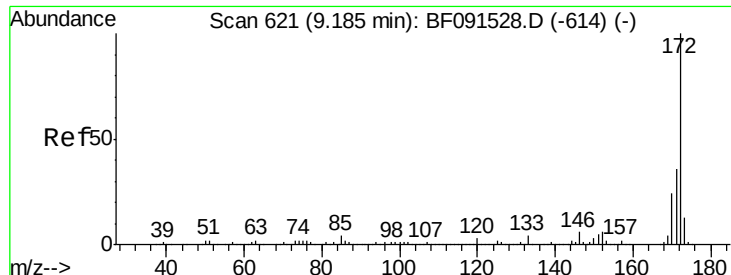
Tgt Ion:164 Resp: 601566
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.6 124.0
 160 45.5 36.7 55.1



#41
 2,4,6-Tribromophenol
 Concen: 72.09 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF091538.D
 Acq: 9 Dec 2016 20:20

Tgt Ion:330 Resp: 360218
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 37.1 33.6 50.4

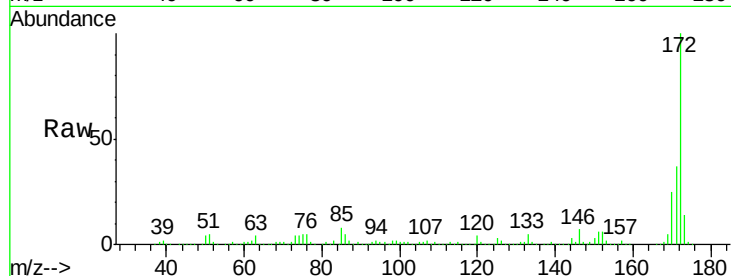




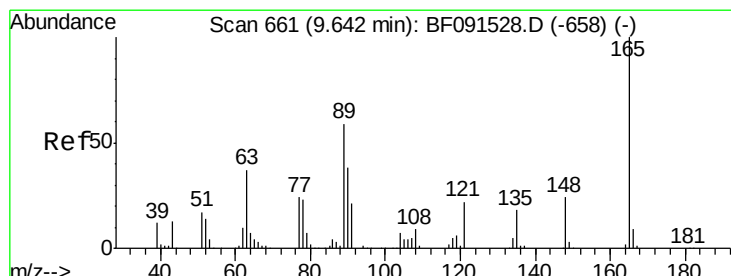
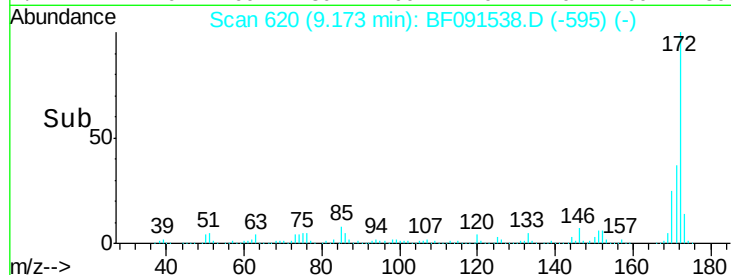
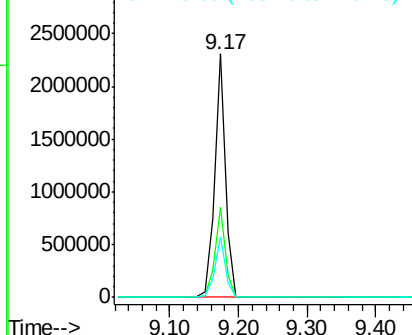
#44
 2-Fluorobiphenyl
 Concen: 73.82 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF091538.D
 Acq: 9 Dec 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BL

Tgt Ion:172 Resp: 2570128
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.8 19.7 29.5

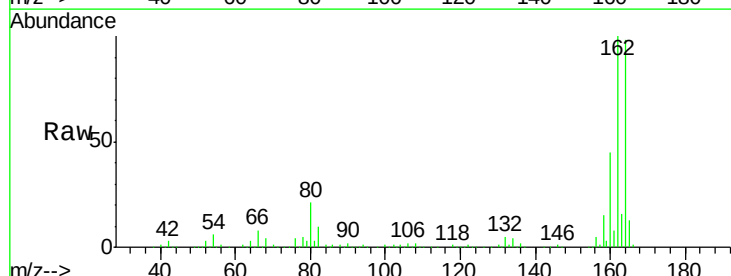


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

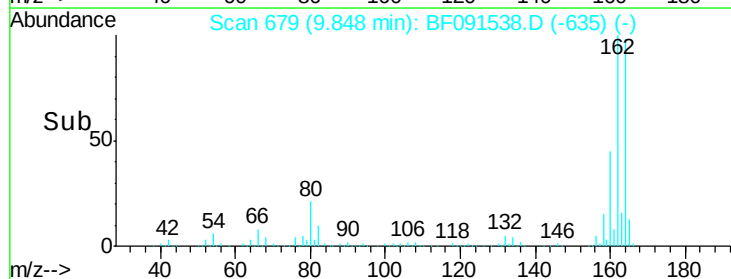
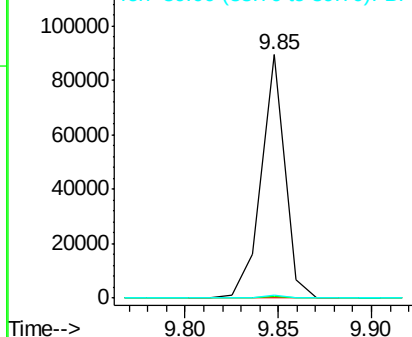


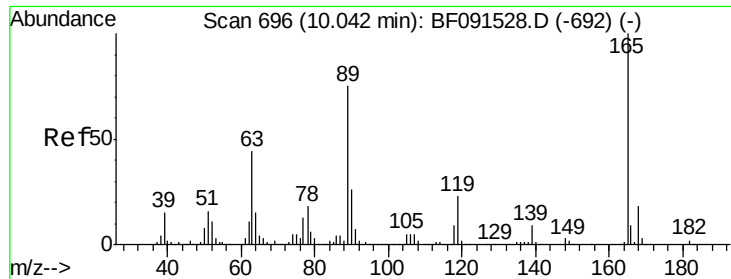
#50
 2,6-Dinitrotoluene
 Concen: 9.33 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.21 min
 Lab File: BF091538.D
 Acq: 9 Dec 2016 20:20

Tgt Ion:165 Resp: 78024
 Ion Ratio Lower Upper
 165 100
 63 0.7 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

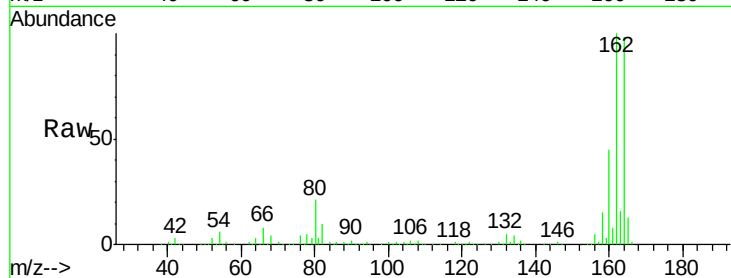




#56
 2,4-Dinitrotoluene
 Concen: 7.45 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.19 min
 Lab File: BF091538.D
 Acq: 9 Dec 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BL

Tgt Ion:	165	Resp:	78028
Ion	Ratio	Lower	Upper
165	100		
63	0.7	29.0	43.4#
89	1.2	43.1	64.7#
182	0.0	1.9	2.9#

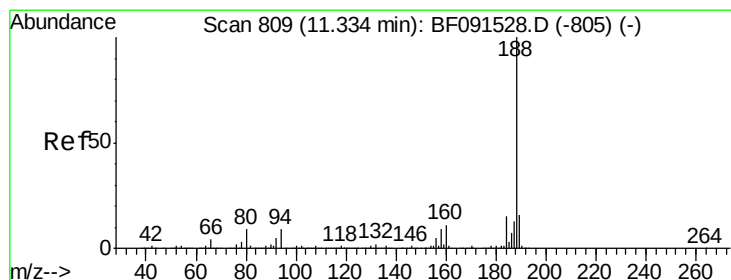
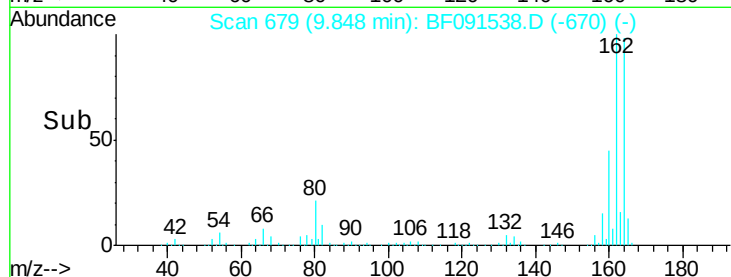
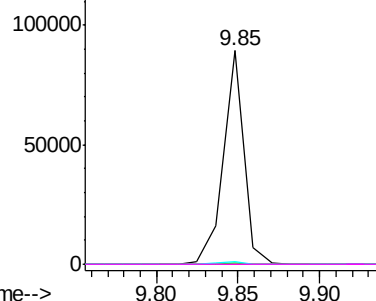


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

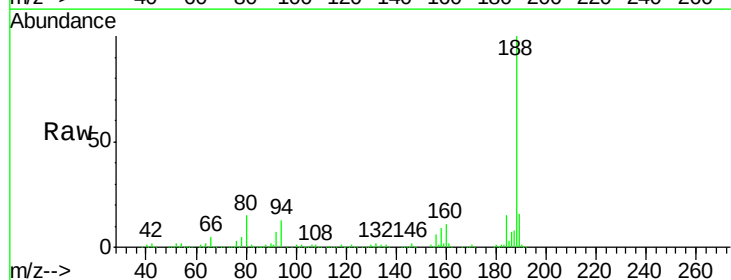
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF091538.D
 Acq: 9 Dec 2016 20:20

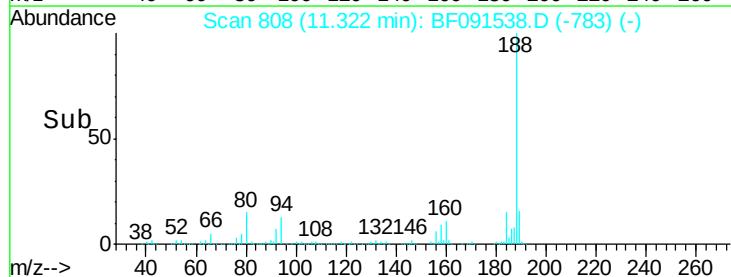
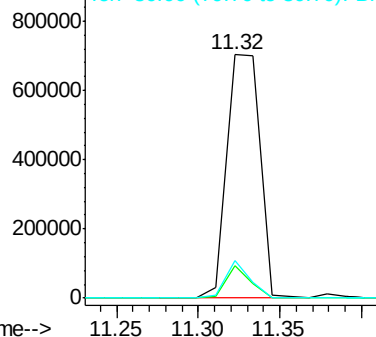
Tgt Ion:	188	Resp:	995211
Ion	Ratio	Lower	Upper
188	100		
94	13.1	9.2	13.8
80	15.3	10.5	15.7

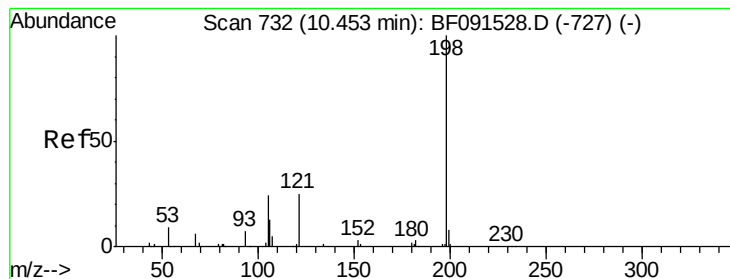


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 3.09 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.18 min

Lab File: BF091538.D

Acq: 9 Dec 2016 20:20

Instrument :

BNA_F

ClientSampleId :

PB95152BL

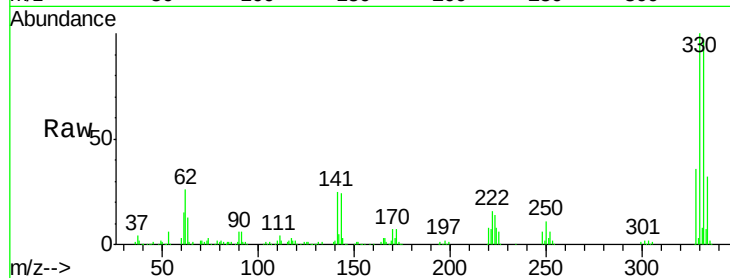
Tgt Ion:198 Resp: 913

Ion Ratio Lower Upper

198 100

51 114.5 77.1 117.1

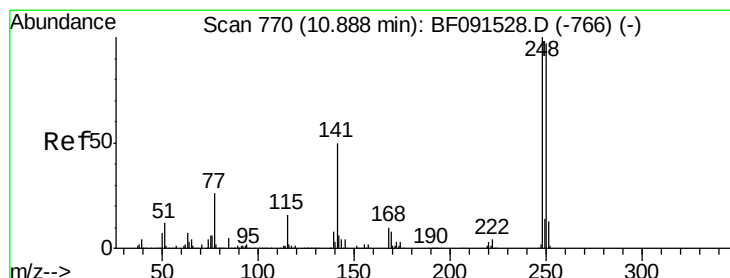
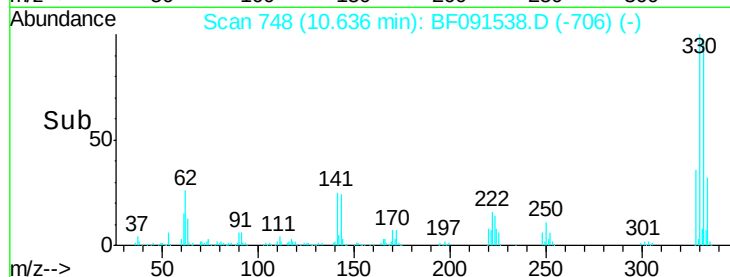
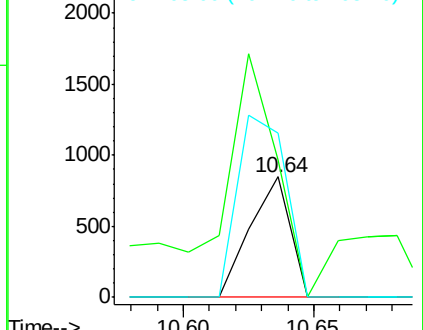
105 136.7 44.8 84.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.30 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.25 min

Lab File: BF091538.D

Acq: 9 Dec 2016 20:20

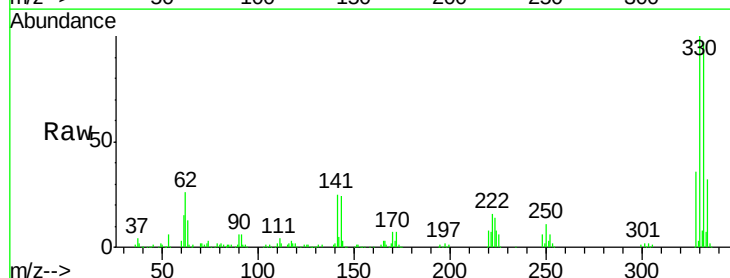
Tgt Ion:248 Resp: 23518

Ion Ratio Lower Upper

248 100

250 198.8 78.2 117.4#

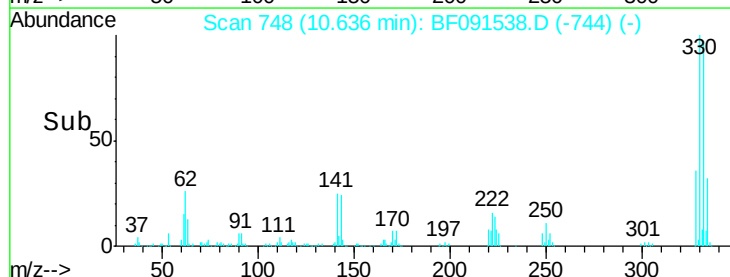
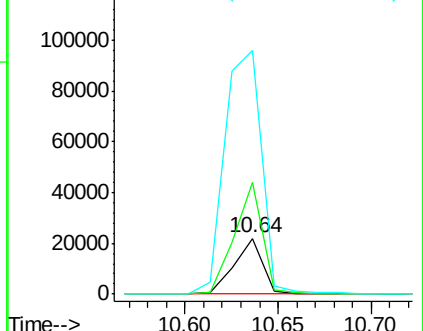
141 435.6 71.9 107.9#

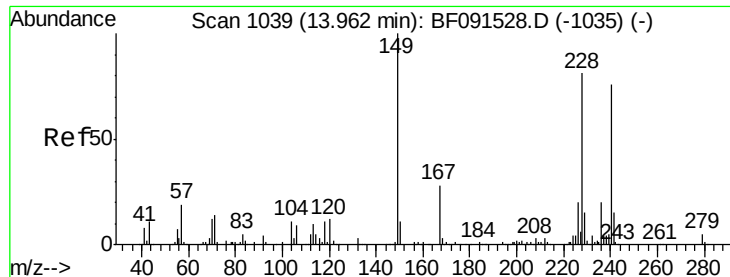


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF091538.D

Acq: 9 Dec 2016 20:20

Instrument :

BNA_F

ClientSampleId :

PB95152BL

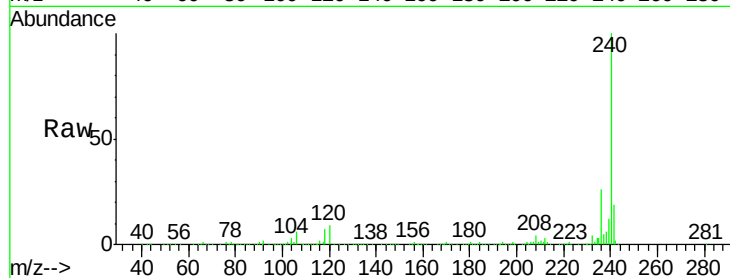
Tgt Ion:240 Resp: 881546

Ion Ratio Lower Upper

240 100

120 8.5 12.1 18.1#

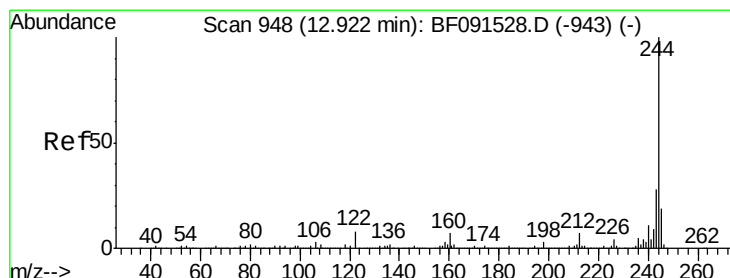
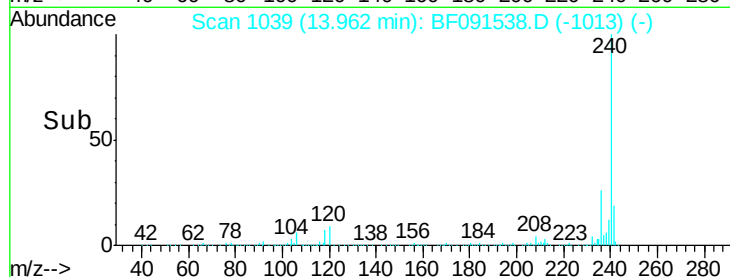
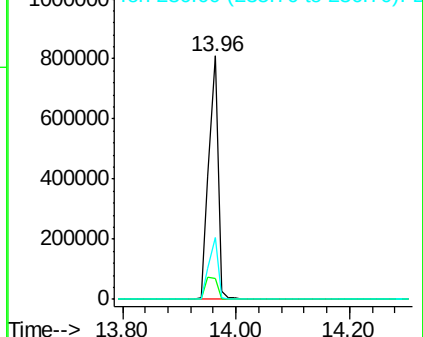
236 25.6 21.0 31.6



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: 69.78 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF091538.D

Acq: 9 Dec 2016 20:20

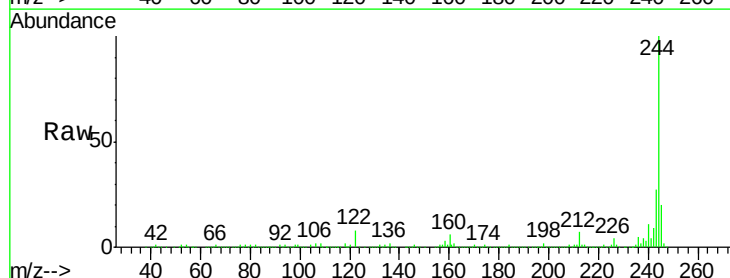
Tgt Ion:244 Resp: 2711063

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

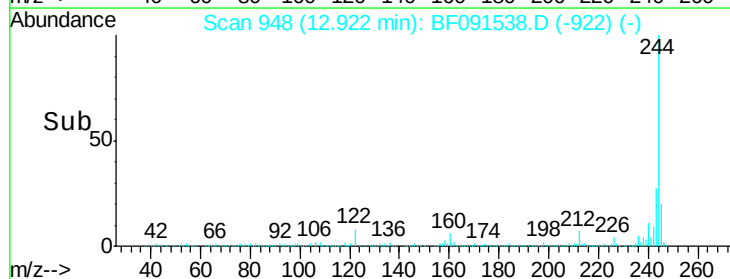
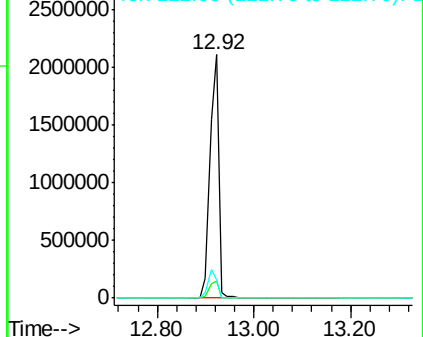
122 7.7 9.5 14.3#

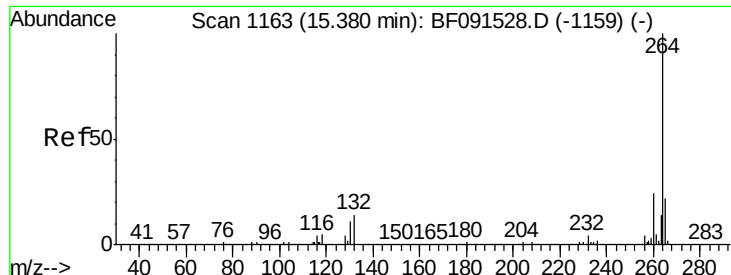


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

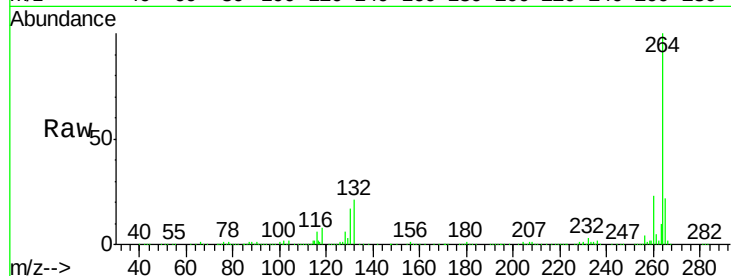




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF091538.D
Acq: 9 Dec 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PB95152BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.6	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

