

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
 Data File : BF091431.D
 Acq On : 5 Dec 2016 21:23
 Operator : UM/SJ
 Sample : H5838-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Dec 06 00:09:22 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

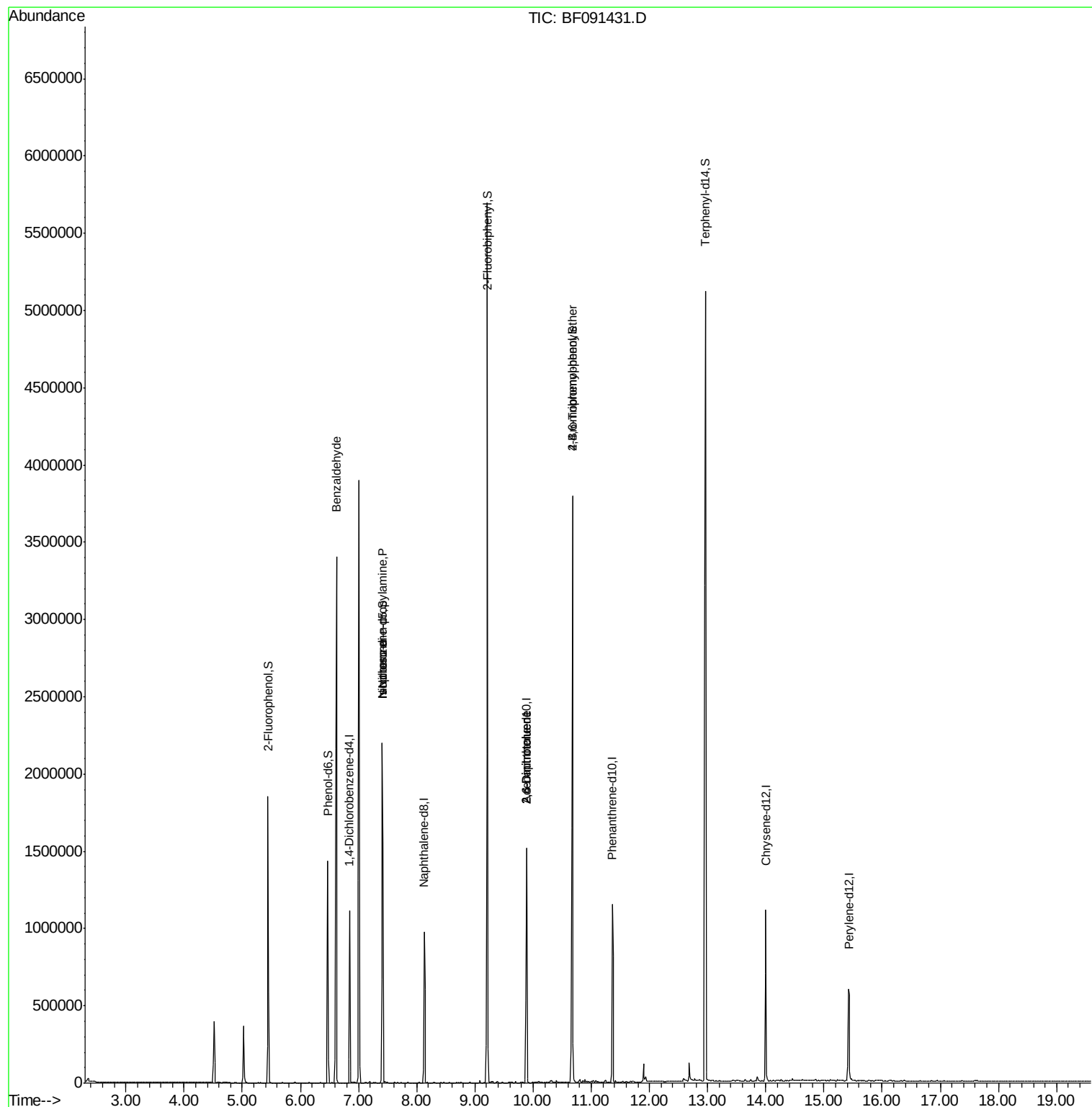
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	149760	20.00	ng	-0.03
21) Naphthalene-d8	8.13	136	549843	20.00	ng	-0.04
38) Acenaphthene-d10	9.89	164	362521	20.00	ng	-0.03
63) Phenanthrene-d10	11.36	188	576927	20.00	ng	-0.04
75) Chrysene-d12	14.00	240	494293	20.00	ng	-0.04
86) Perylene-d12	15.43	264	364215	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	479815	52.34	ng	-0.03
7) Phenol-d6	6.47	99	380509	33.72	ng	-0.03
23) Nitrobenzene-d5	7.41	82	986647	100.56	ng	-0.04
41) 2,4,6-Tribromophenol	10.68	330	483376	140.84	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	1863162	93.06	ng	-0.03
78) Terphenyl-d14	12.96	244	2062631	90.70	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.62	77	25959	3.58	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.41	70	131525	18.50	ng	# 73
25) Isophorone	7.41	82	836638	48.13	ng	# 67
50) 2,6-Dinitrotoluene	9.89	165	47154	9.61	ng	# 16
56) 2,4-Dinitrotoluene	9.89	165	47157	7.41	ng	# 33
66) 4-Bromophenyl-phenylether	10.68	248	32096	5.18	ng	# 1

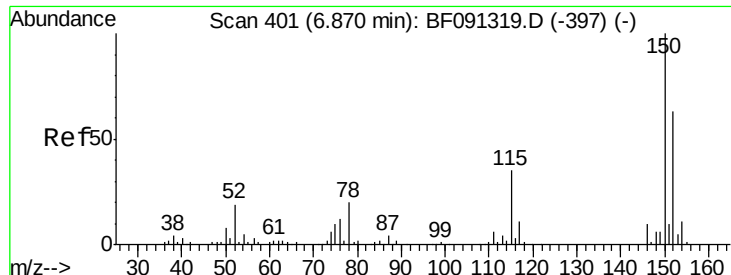
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
Data File : BF091431.D
Acq On : 5 Dec 2016 21:23
Operator : UM/SJ
Sample : H5838-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

Quant Time: Dec 06 00:09:22 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: 6.85 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF091431.D

Acq: 5 Dec 2016 21:23

Instrument :

BNA_F

ClientSampleId :

MW-16

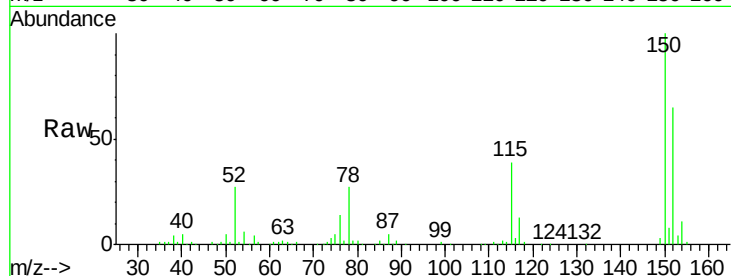
Tgt Ion:152 Resp: 149760

Ion Ratio Lower Upper

152 100

150 153.4 122.5 183.7

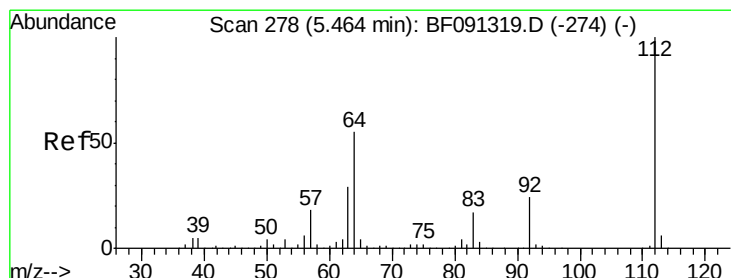
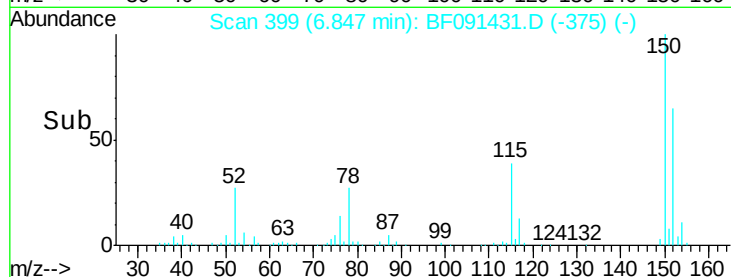
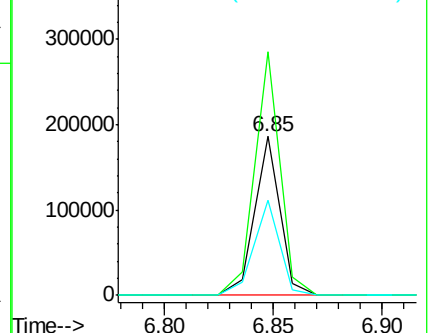
115 59.9 51.8 77.8



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: 52.34 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF091431.D

Acq: 5 Dec 2016 21:23

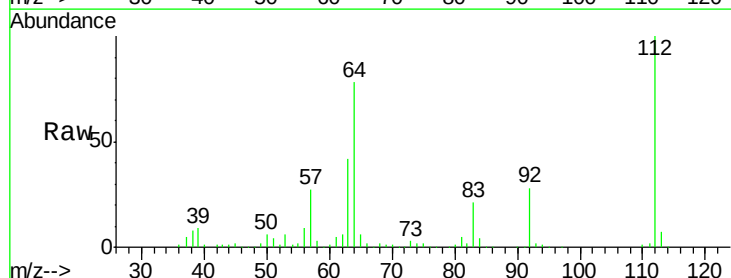
Tgt Ion:112 Resp: 479815

Ion Ratio Lower Upper

112 100

64 78.3 61.5 92.3

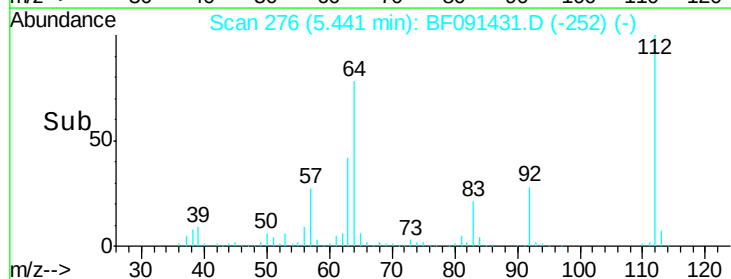
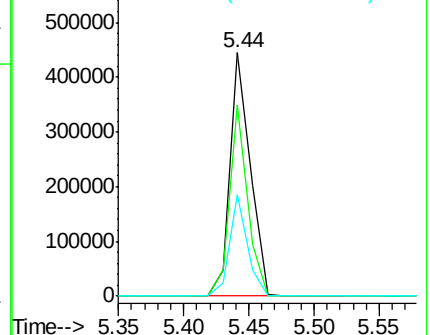
63 41.7 33.3 49.9

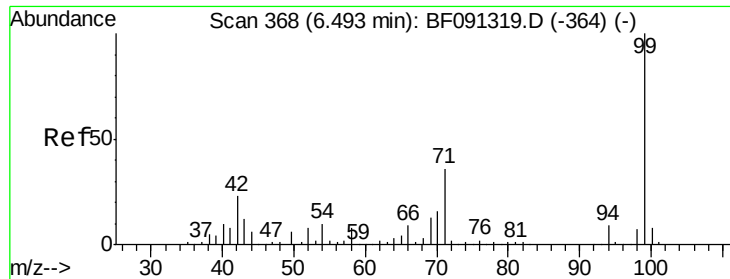


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.72 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.03 min

Lab File: BF091431.D

Acq: 5 Dec 2016 21:23

Instrument :

BNA_F

ClientSampleId :

MW-16

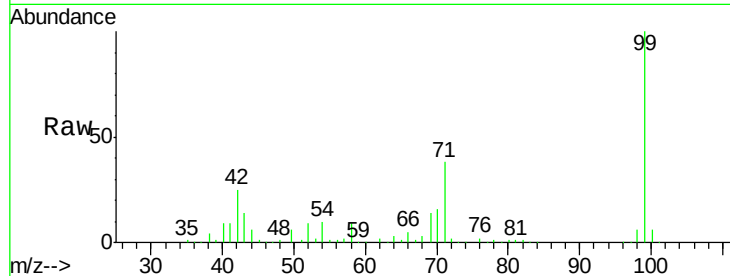
Tgt Ion: 99 Resp: 380509

Ion Ratio Lower Upper

99 100

42 25.2 20.6 31.0

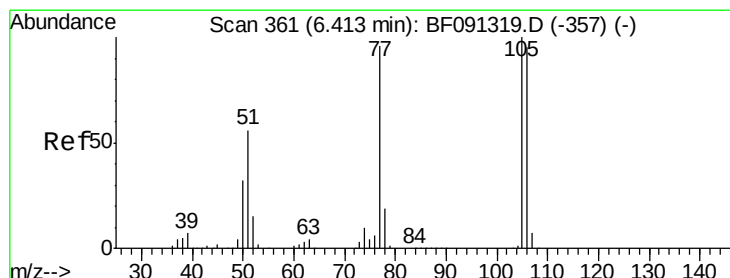
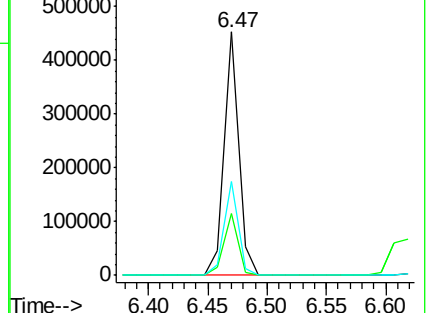
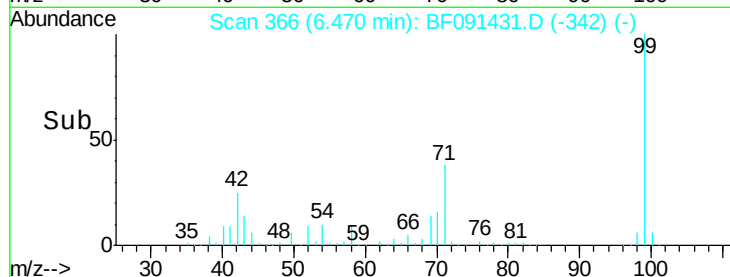
71 38.4 29.9 44.9



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: 3.58 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.20 min

Lab File: BF091431.D

Acq: 5 Dec 2016 21:23

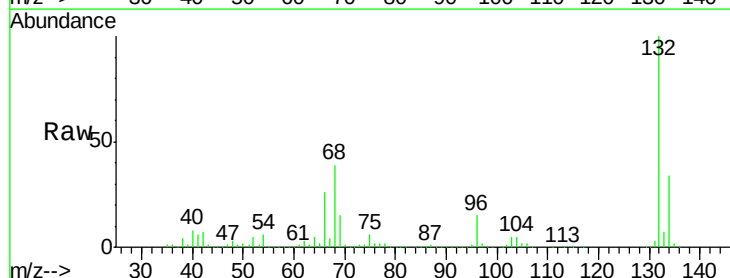
Tgt Ion: 77 Resp: 25959

Ion Ratio Lower Upper

77 100

105 79.7 66.4 106.4

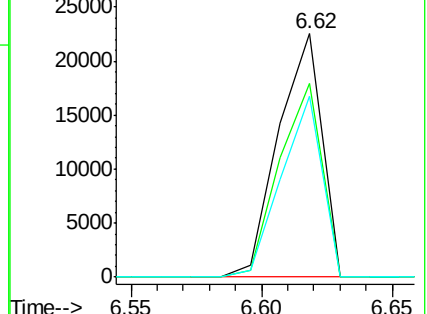
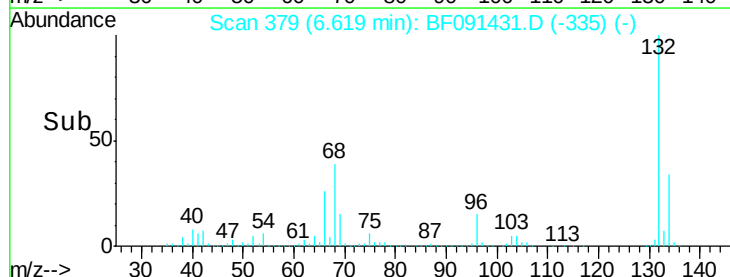
106 74.2 60.9 100.9

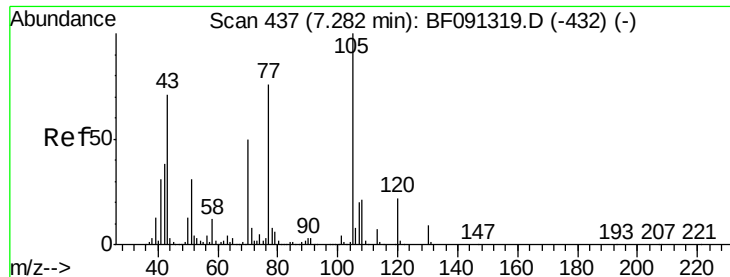


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

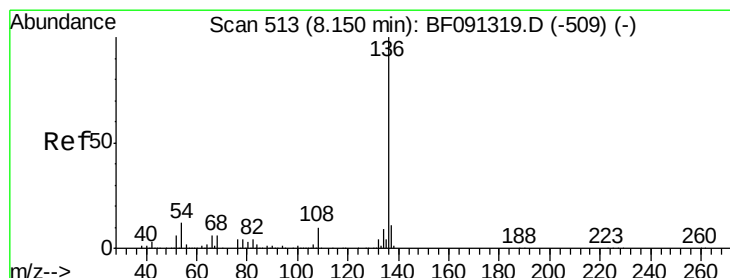
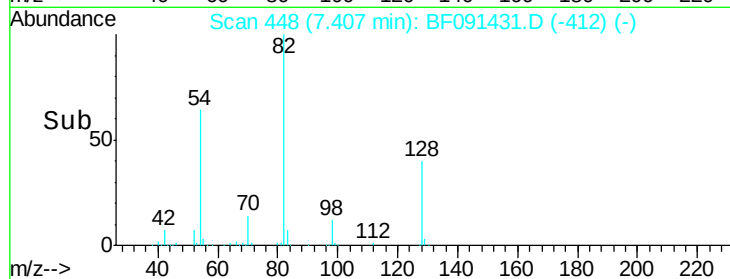
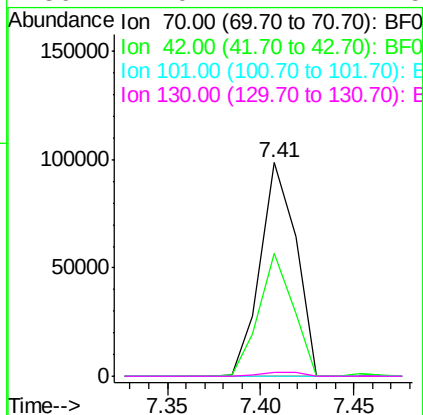
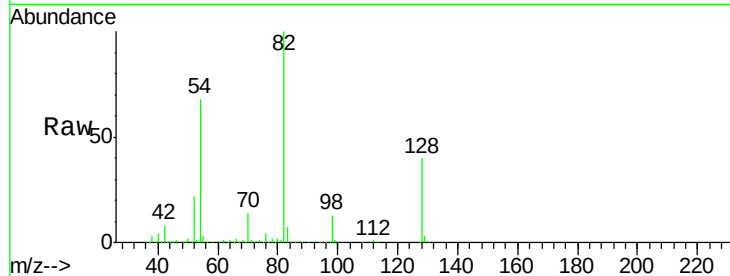




#19
n-Nitroso-di-n-propylamine
Concen: 18.50 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.11 min
Lab File: BF091431.D
Acq: 5 Dec 2016 21:23

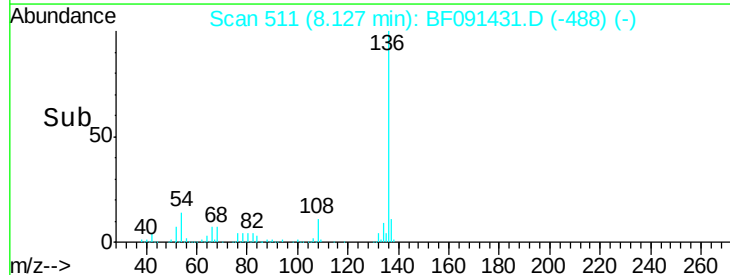
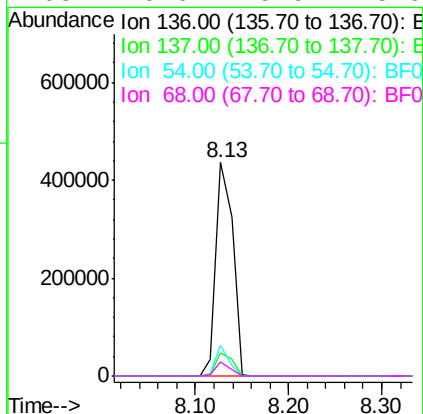
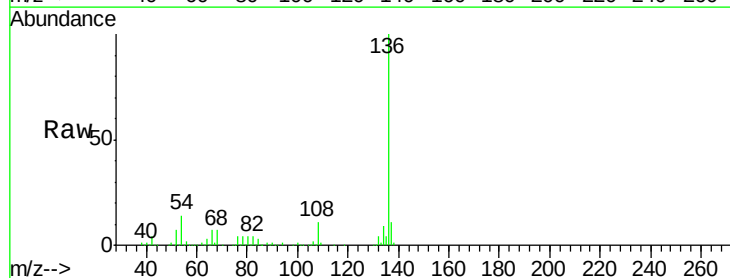
Instrument :
BNA_F
ClientSampleId :
MW-16

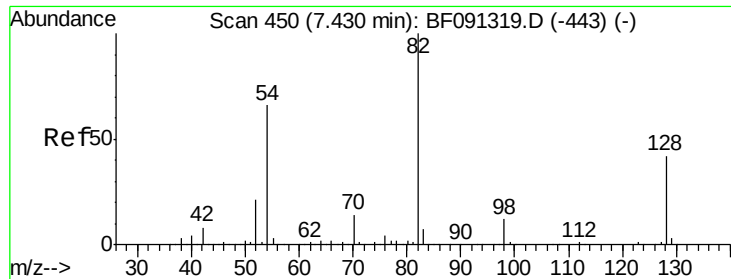
Tgt Ion: 70 Resp: 131525
Ion Ratio Lower Upper
70 100
42 57.3 64.8 97.2#
101 0.0 6.2 9.4#
130 2.0 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.04 min
Lab File: BF091431.D
Acq: 5 Dec 2016 21:23

Tgt Ion: 136 Resp: 549843
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 14.3 9.1 13.7#
68 6.6 5.9 8.9

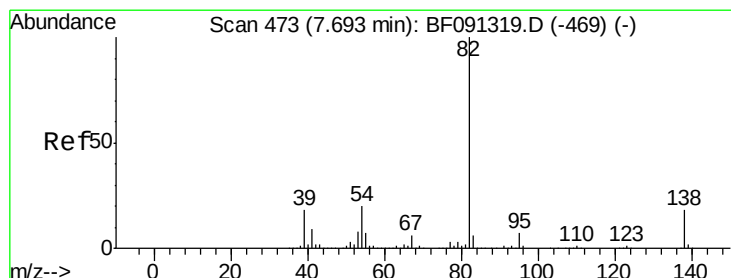
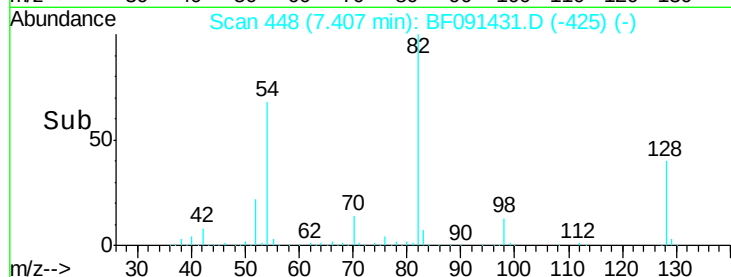
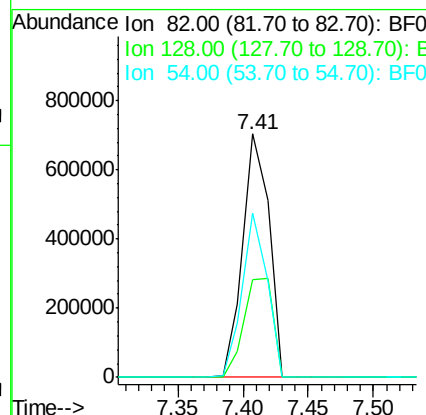
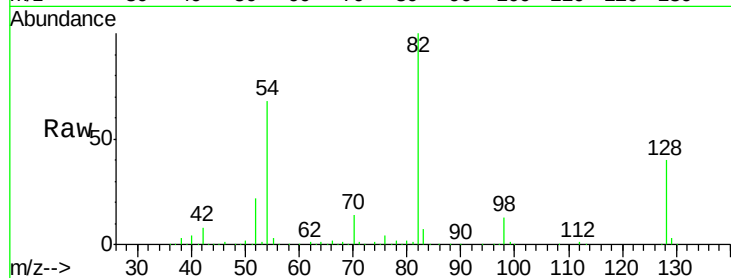




#23
 Nitrobenzene-d5
 Concen: 100.56 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.04 min
 Lab File: BF091431.D
 Acq: 5 Dec 2016 21:23

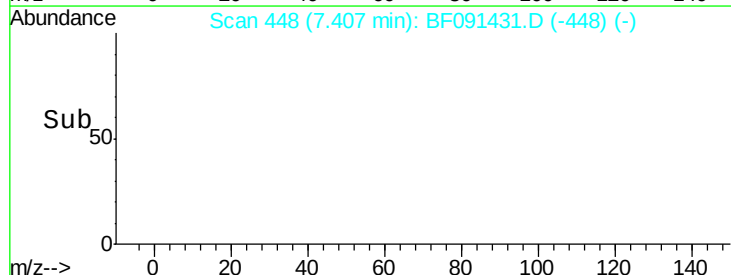
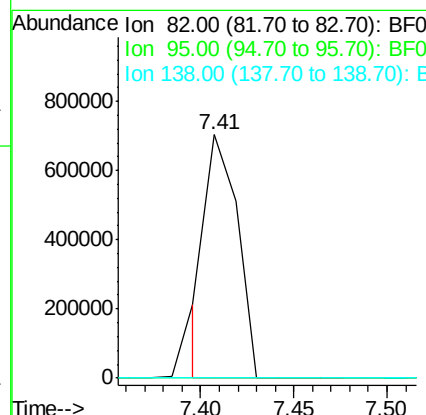
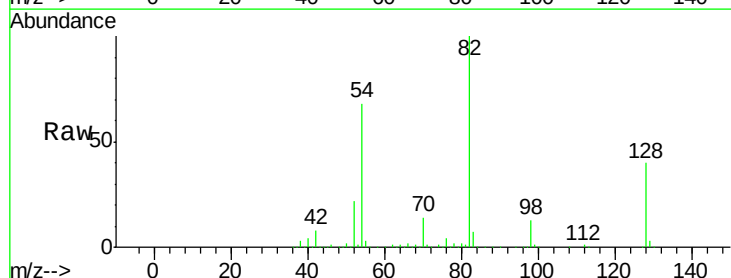
Instrument :
 BNA_F
 ClientSampled :
 MW-16

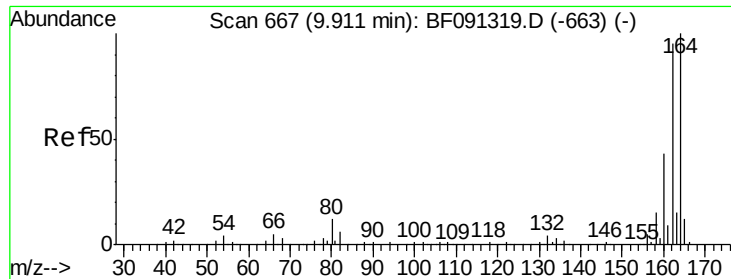
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.9	31.8	47.6
54	67.7	49.1	73.7



#25
 Isophorone
 Concen: 48.13 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.30 min
 Lab File: BF091431.D
 Acq: 5 Dec 2016 21:23

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.4	20.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.03 min

Lab File: BF091431.D

Acq: 5 Dec 2016 21:23

Instrument :

BNA_F

ClientSampleId :

MW-16

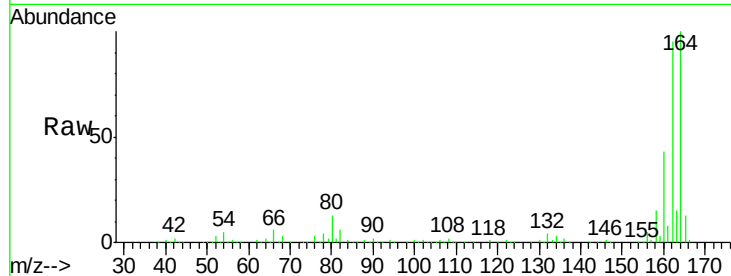
Tgt Ion:164 Resp: 362521

Ion Ratio Lower Upper

164 100

162 94.8 82.6 124.0

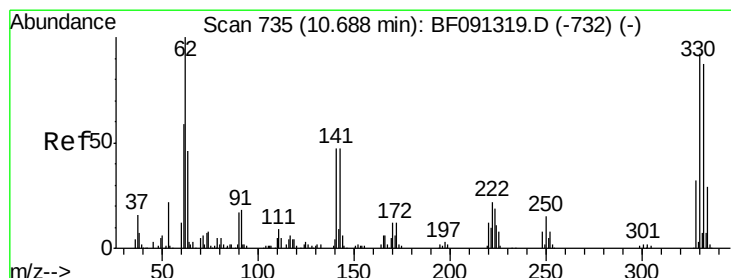
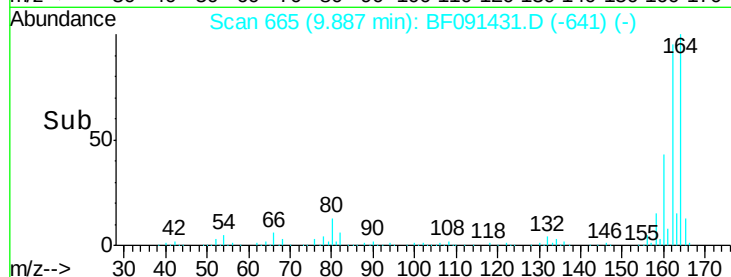
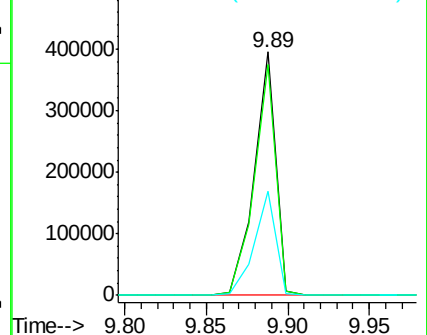
160 43.0 36.7 55.1



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: 140.84 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.03 min

Lab File: BF091431.D

Acq: 5 Dec 2016 21:23

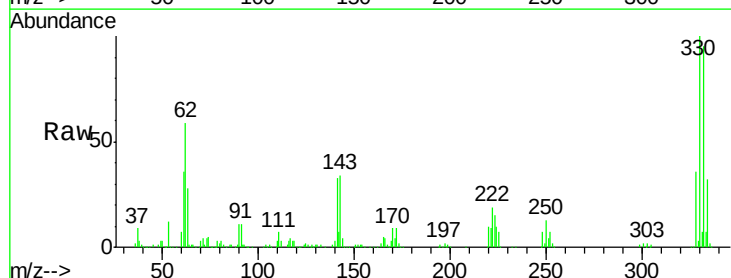
Tgt Ion:330 Resp: 483376

Ion Ratio Lower Upper

330 100

332 95.4 76.2 114.4

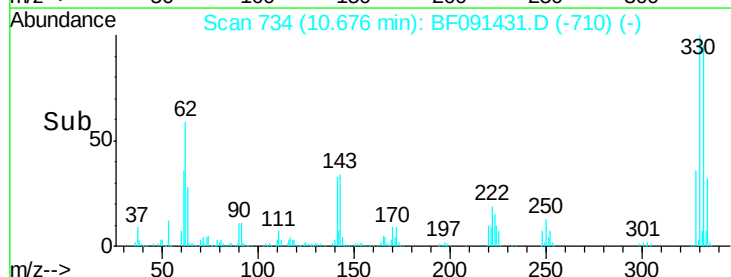
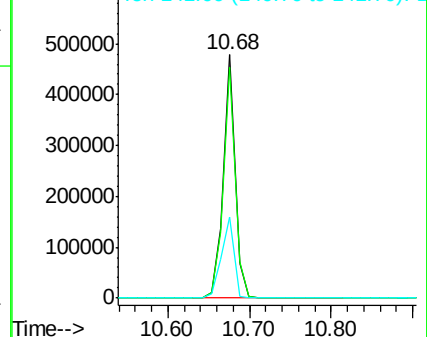
141 35.6 33.6 50.4

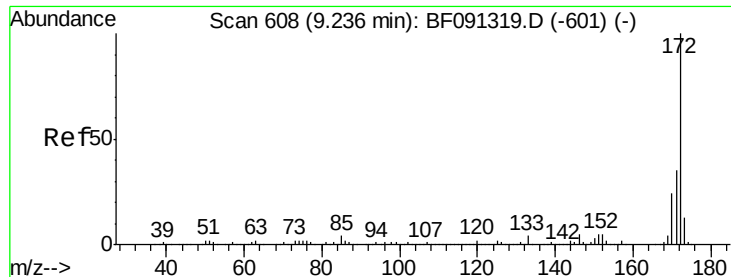


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

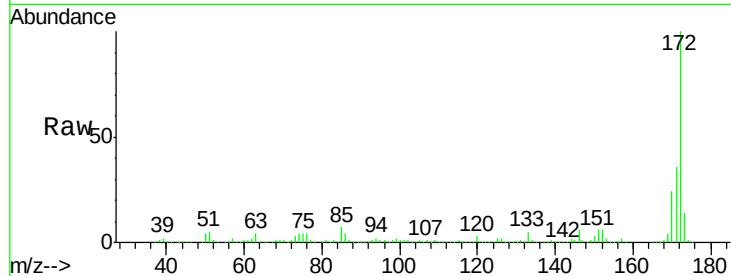




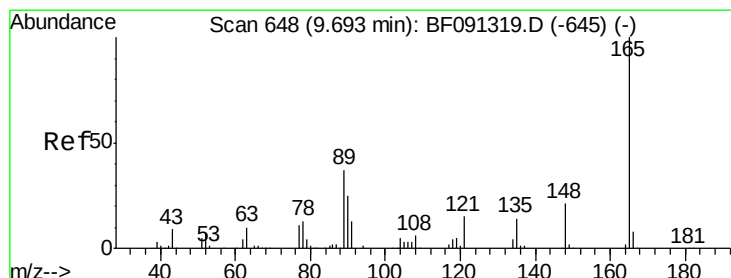
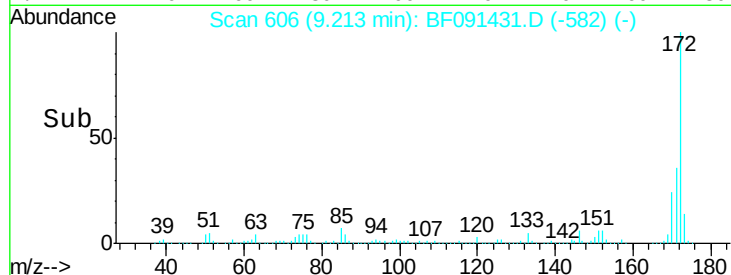
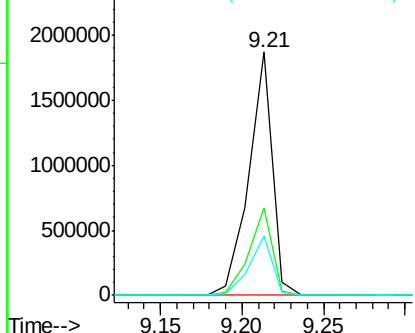
#44
 2-Fluorobiphenyl
 Concen: 93.06 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF091431.D
 Acq: 5 Dec 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion:172 Resp: 1863162
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.5 19.7 29.5

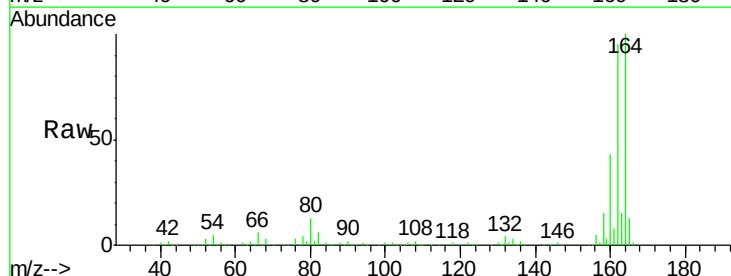


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

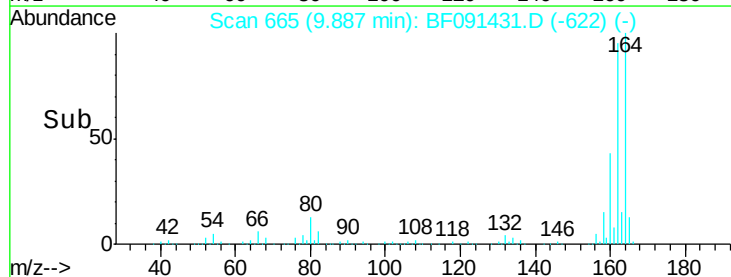
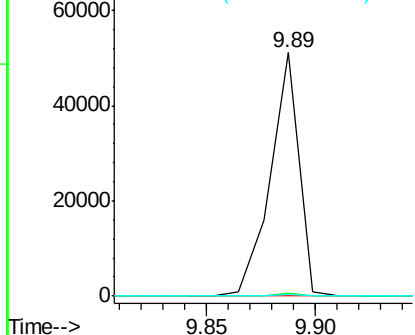


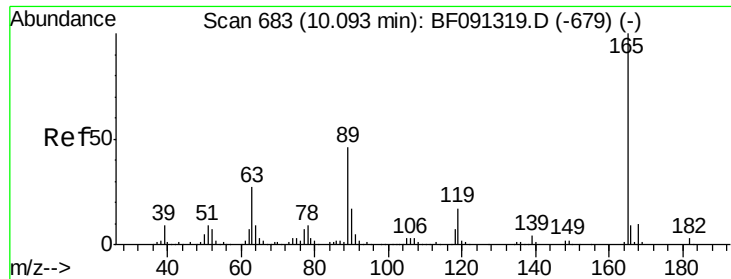
#50
 2,6-Dinitrotoluene
 Concen: 9.61 ng
 RT: 9.89 min Scan# 665
 Delta R.T. 0.19 min
 Lab File: BF091431.D
 Acq: 5 Dec 2016 21:23

Tgt Ion:165 Resp: 47154
 Ion Ratio Lower Upper
 165 100
 63 1.0 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

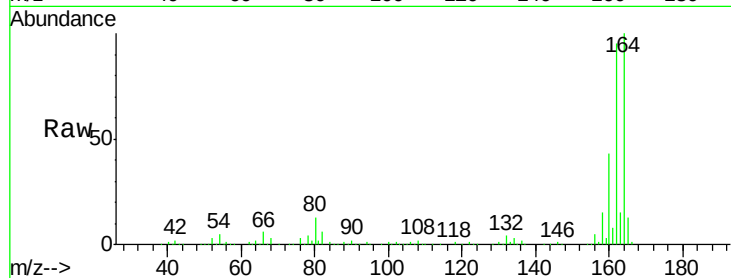




#56
 2,4-Dinitrotoluene
 Concen: 7.41 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.21 min
 Lab File: BF091431.D
 Acq: 5 Dec 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion:	165	Resp:	47157
Ion Ratio	Lower	Upper	
165	100		
63	1.0	29.0	43.4#
89	0.8	43.1	64.7#
182	0.0	1.9	2.9#

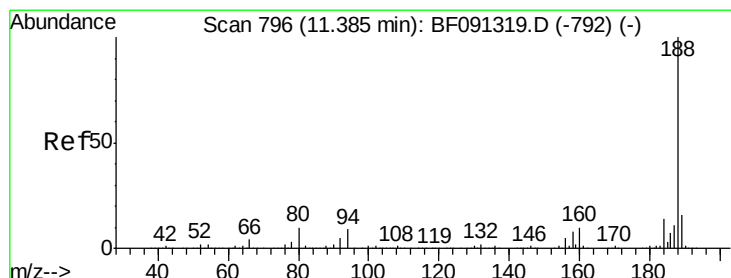
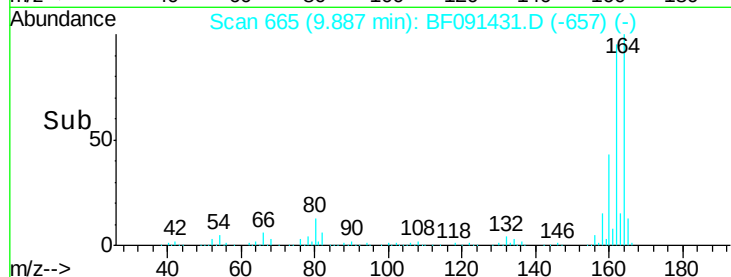
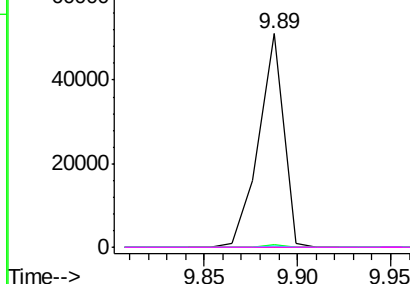


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

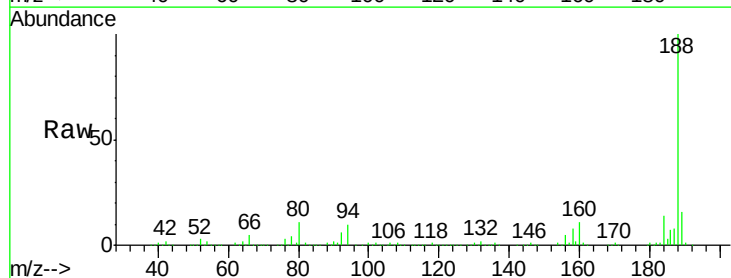
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.04 min
 Lab File: BF091431.D
 Acq: 5 Dec 2016 21:23

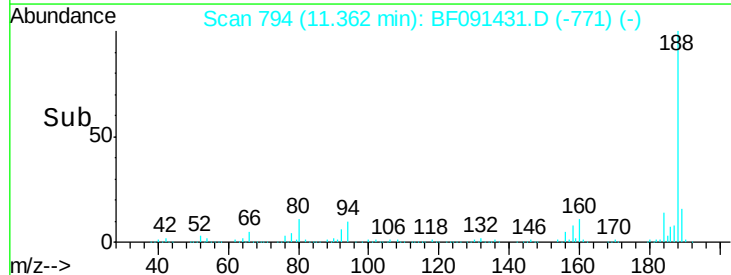
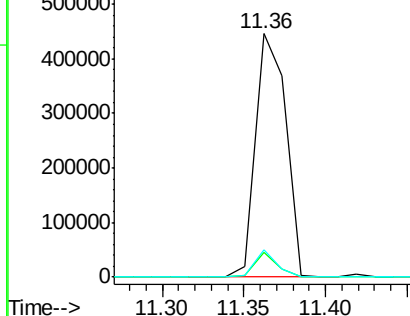
Tgt Ion:	188	Resp:	576927
Ion Ratio	Lower	Upper	
188	100		
94	10.3	9.2	13.8
80	11.3	10.5	15.7

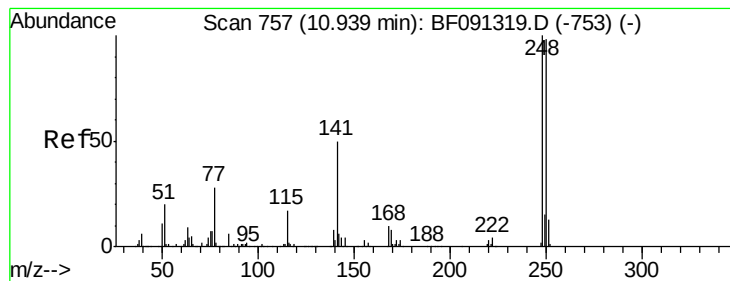


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.18 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.28 min

Lab File: BF091431.D

Acq: 5 Dec 2016 21:23

Instrument :

BNA_F

ClientSampleId :

MW-16

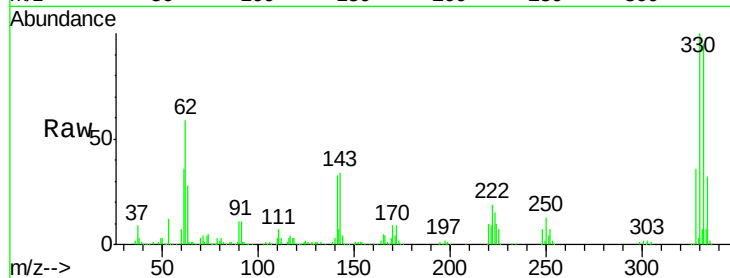
Tgt Ion:248 Resp: 32096

Ion Ratio Lower Upper

248 100

250 190.9 78.2 117.4#

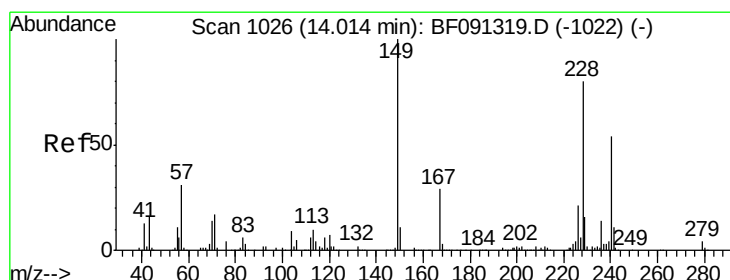
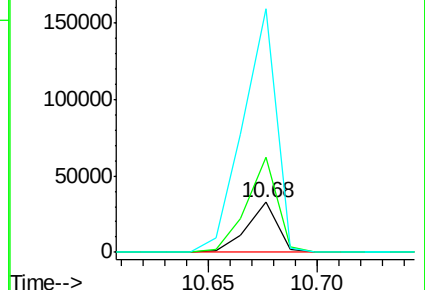
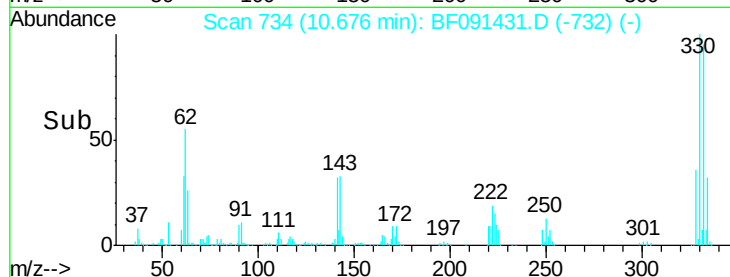
141 485.9 71.9 107.9#



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: 14.00 min Scan# 1025

Delta R.T. -0.04 min

Lab File: BF091431.D

Acq: 5 Dec 2016 21:23

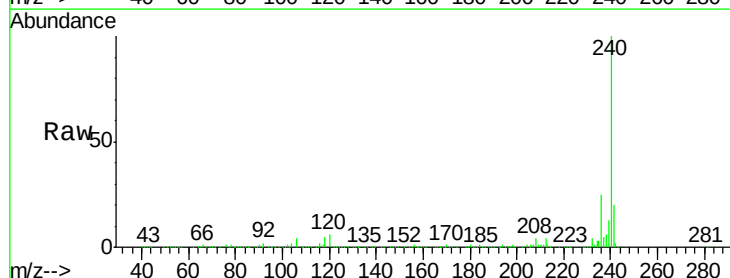
Tgt Ion:240 Resp: 494293

Ion Ratio Lower Upper

240 100

120 6.1 12.1 18.1#

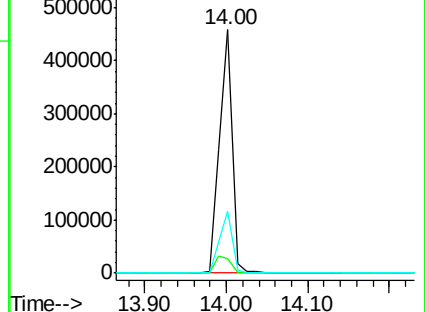
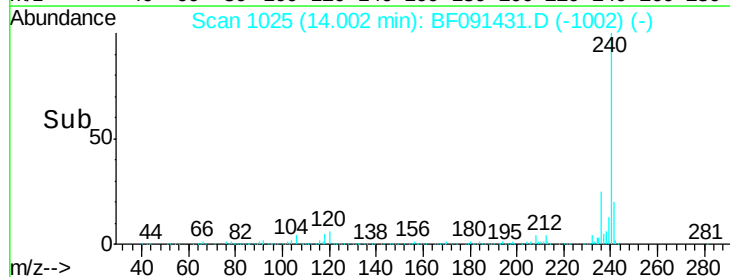
236 25.3 21.0 31.6

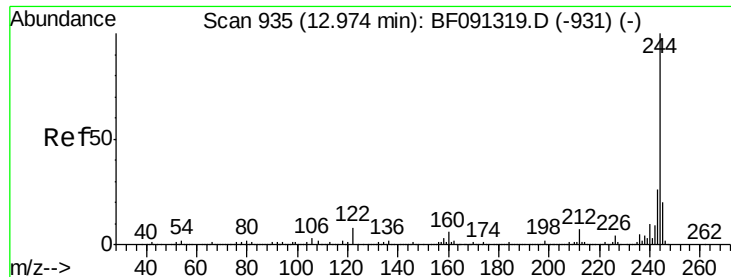


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

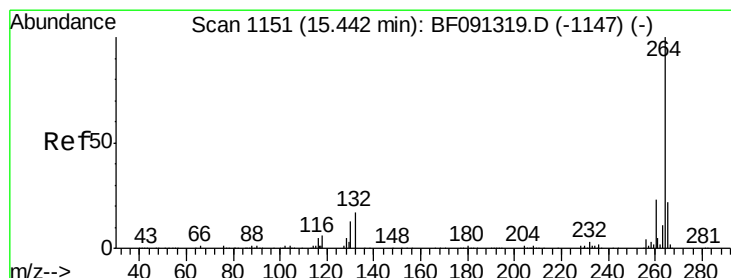
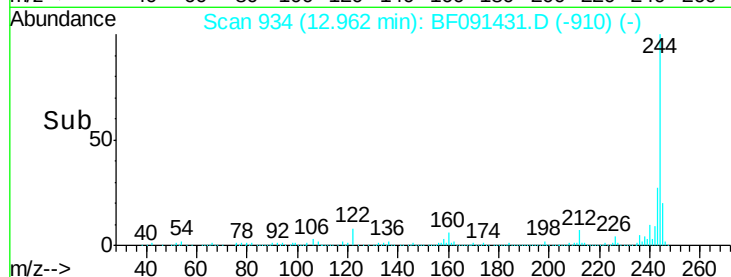
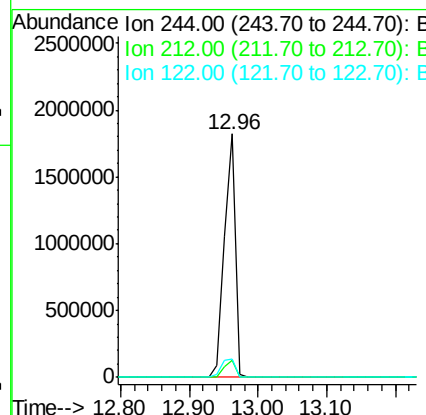
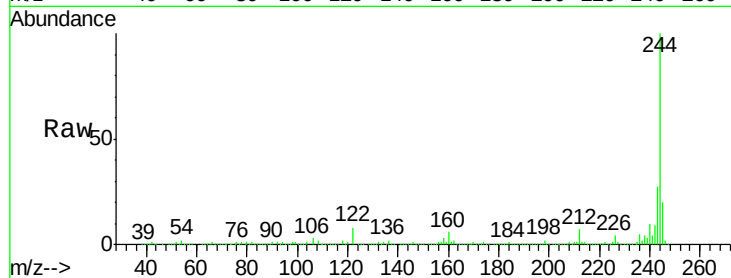




#78
 Terphenyl-d14
 Concen: 90.70 ng
 RT: 12.96 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF091431.D
 Acq: 5 Dec 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion:244 Resp: 2062631
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 7.8 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.04 min
 Lab File: BF091431.D
 Acq: 5 Dec 2016 21:23

Tgt Ion:264 Resp: 364215
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.8 28.2
 265 21.2 17.0 25.6

