

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091474.D
 Acq On : 7 Dec 2016 17:26
 Operator : UM/SJ
 Sample : H5867-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01

Quant Time: Dec 08 00:23:04 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

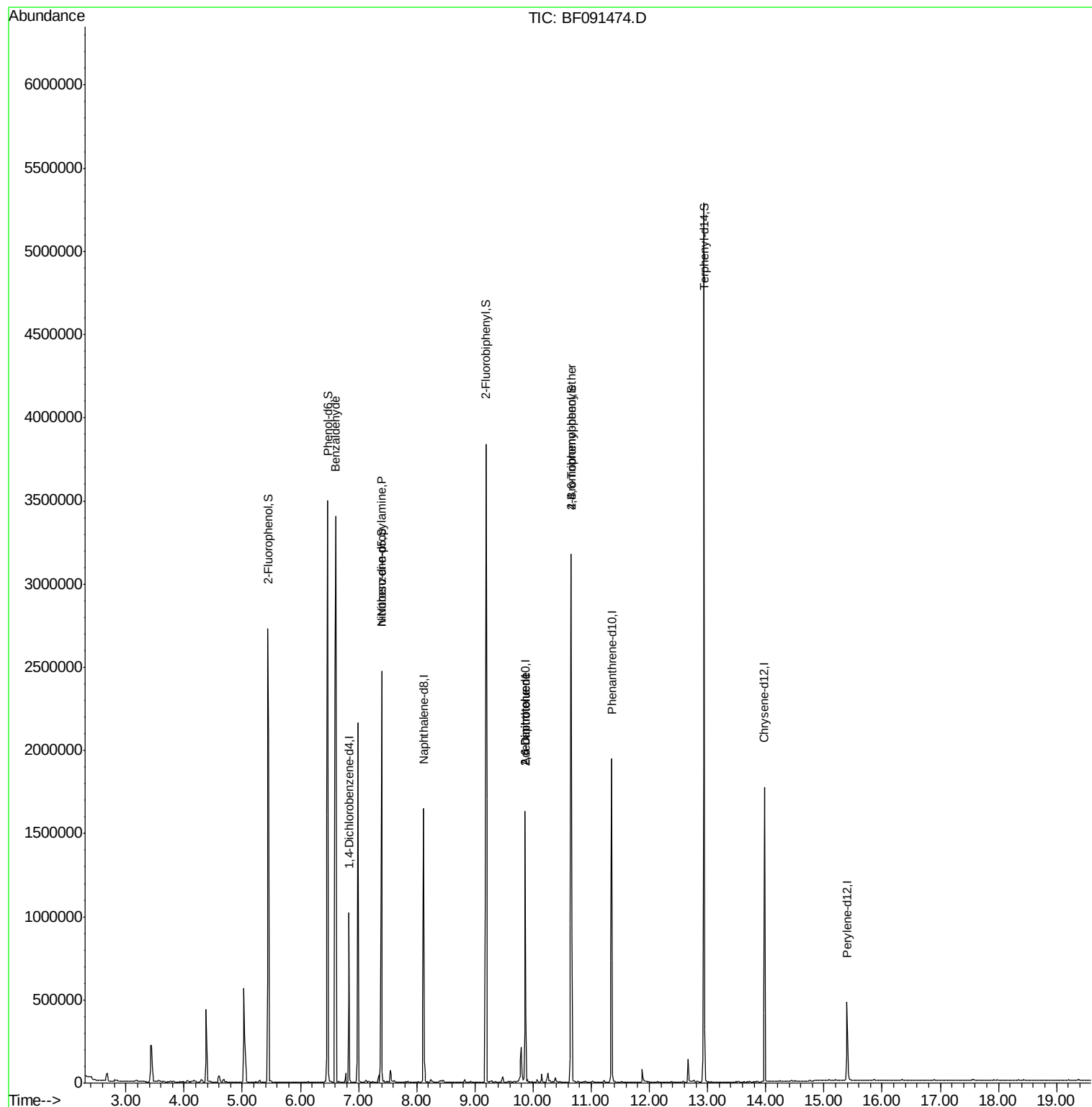
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	170687	20.00	ng	-0.04
21) Naphthalene-d8	8.12	136	708069	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	384640	20.00	ng	-0.05
63) Phenanthrene-d10	11.35	188	783453	20.00	ng	-0.05
75) Chrysene-d12	13.98	240	613450	20.00	ng	-0.06
86) Perylene-d12	15.40	264	154539	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	986012	94.37	ng	-0.03
7) Phenol-d6	6.47	99	1148253	89.28	ng	-0.03
23) Nitrobenzene-d5	7.40	82	821985	65.06	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	469372	128.90	ng	-0.05
44) 2-Fluorobiphenyl	9.19	172	1580189	74.39	ng	-0.05
78) Terphenyl-d14	12.94	244	1753055	62.11	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.61	77	27052	3.27	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.40	70	114106	14.08	ng	# 71
50) 2,6-Dinitrotoluene	9.86	165	51018	9.80	ng	# 17
56) 2,4-Dinitrotoluene	9.86	165	51020	7.56	ng	# 34
66) 4-Bromophenyl-phenylether	10.65	248	26278	3.12	ng	# 1

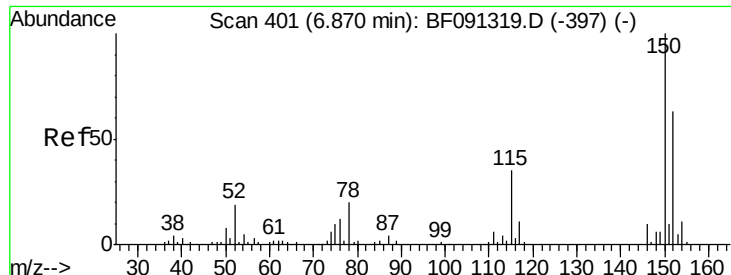
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.04 min

Lab File: BF091474.D

Acq: 7 Dec 2016 17:26

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01

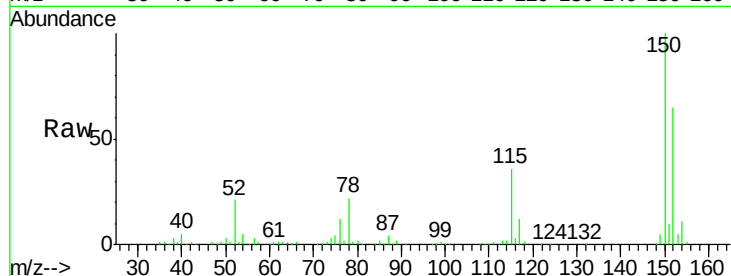
Tgt Ion:152 Resp: 170687

Ion Ratio Lower Upper

152 100

150 154.8 122.5 183.7

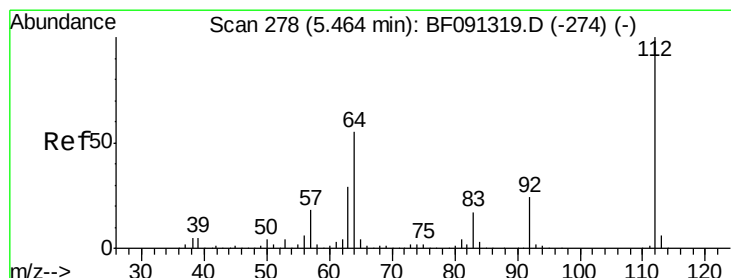
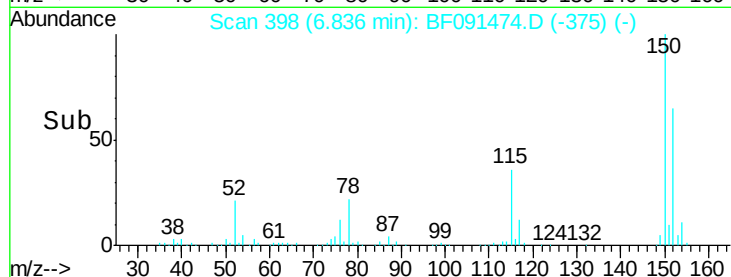
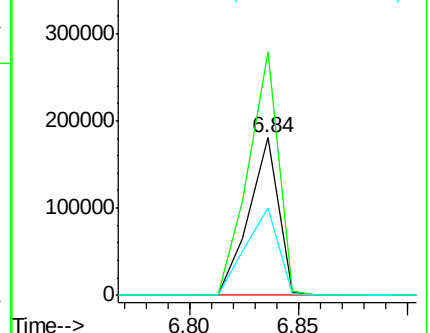
115 56.0 51.8 77.8



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: 94.37 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF091474.D

Acq: 7 Dec 2016 17:26

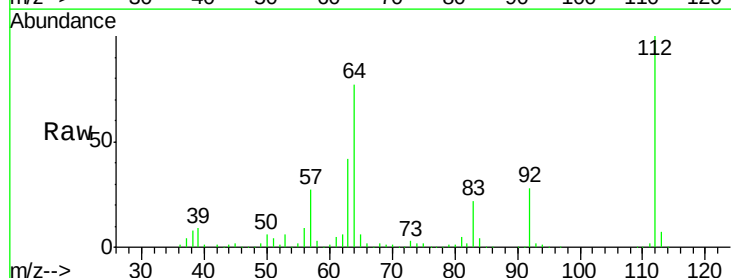
Tgt Ion:112 Resp: 986012

Ion Ratio Lower Upper

112 100

64 76.8 61.5 92.3

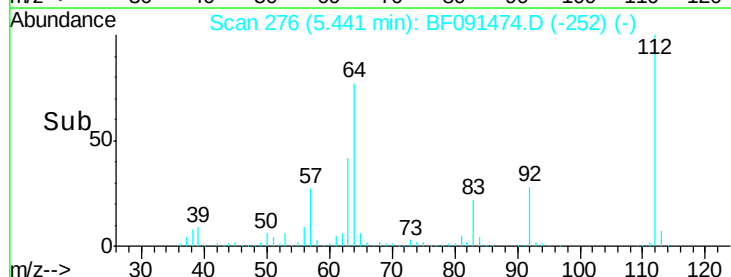
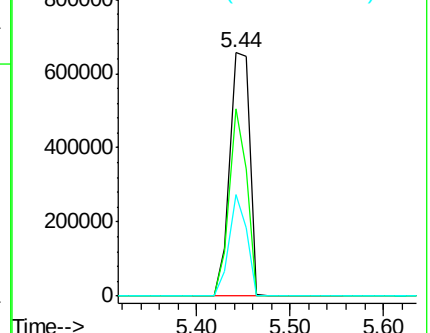
63 41.6 33.3 49.9

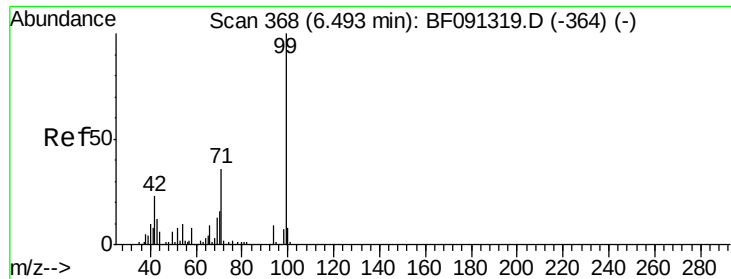


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.28 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.03 min

Lab File: BF091474.D

Acq: 7 Dec 2016 17:26

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01

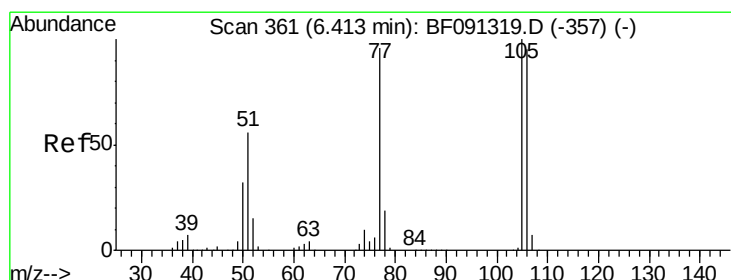
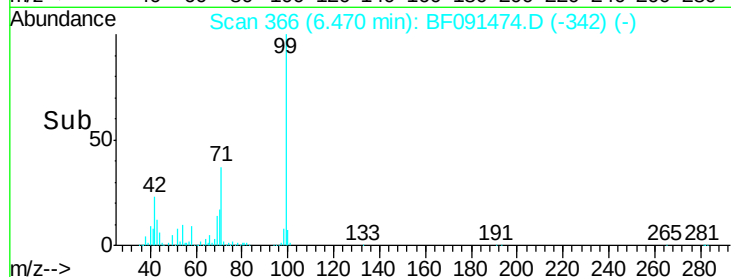
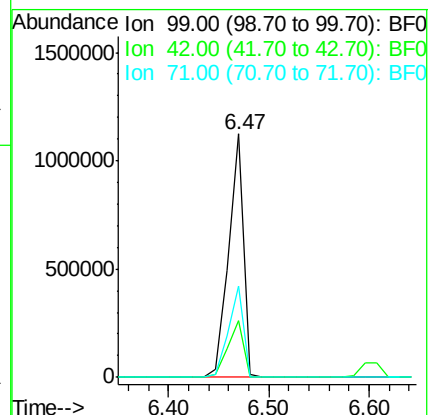
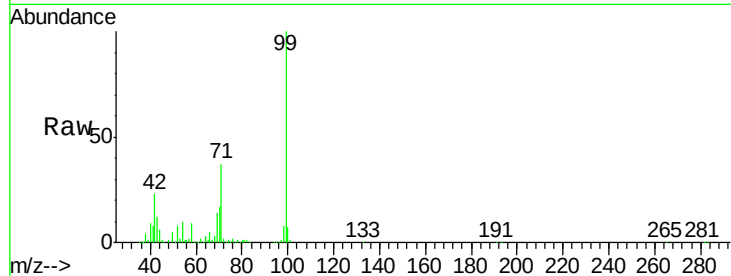
Tgt Ion: 99 Resp: 1148253

Ion Ratio Lower Upper

99 100

42 23.3 20.6 31.0

71 37.4 29.9 44.9



#9

Benzaldehyde

Concen: 3.27 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.19 min

Lab File: BF091474.D

Acq: 7 Dec 2016 17:26

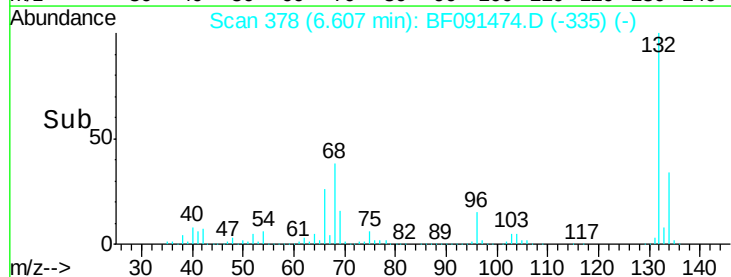
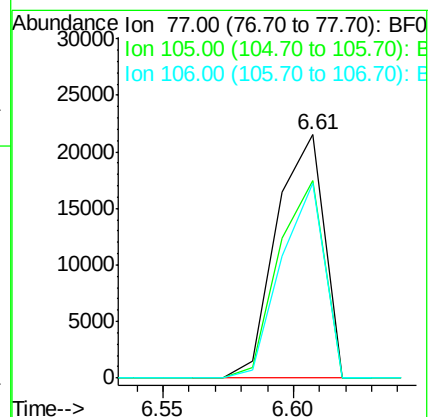
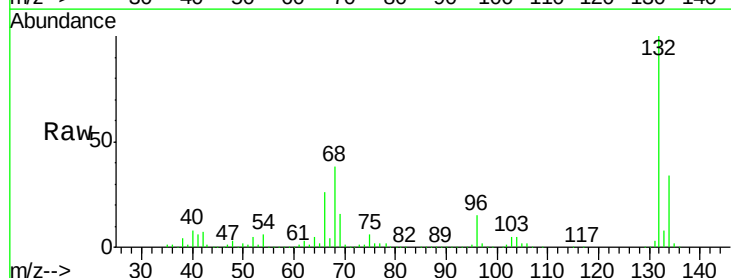
Tgt Ion: 77 Resp: 27052

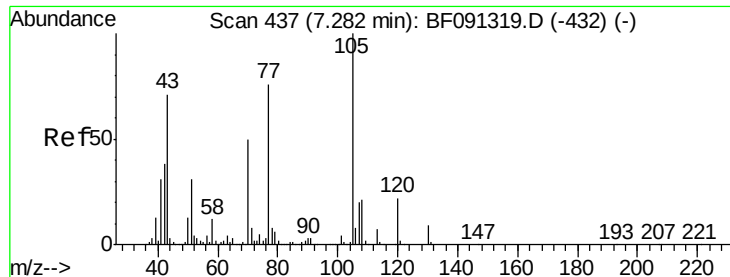
Ion Ratio Lower Upper

77 100

105 81.2 66.4 106.4

106 79.9 60.9 100.9

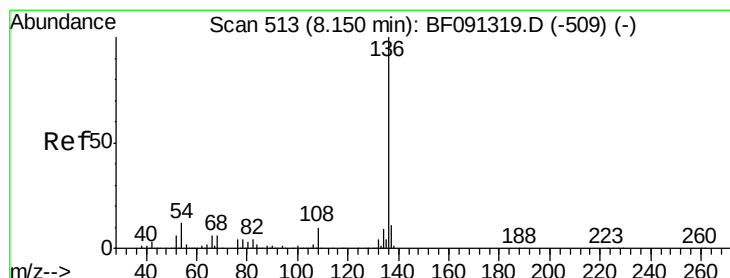
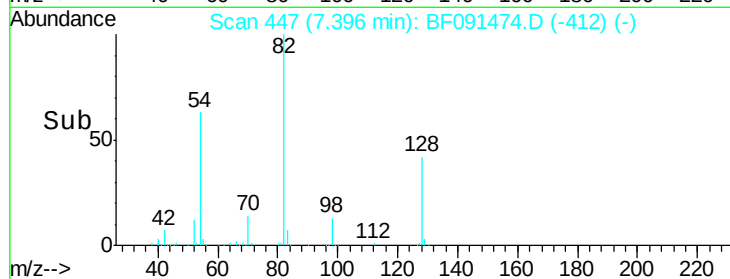
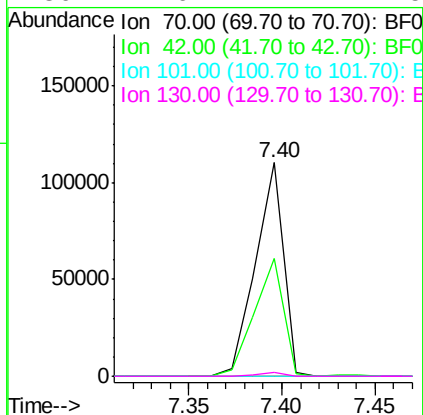
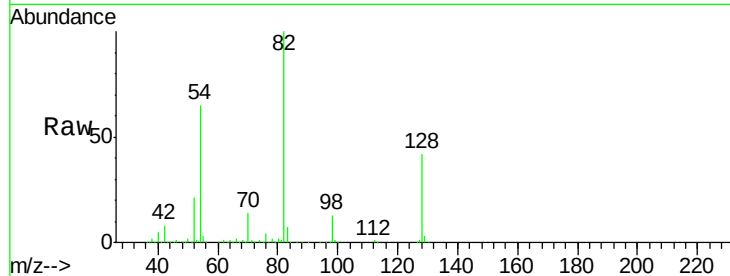




#19
n-Nitroso-di-n-propylamine
Concen: 14.08 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.10 min
Lab File: BF091474.D
Acq: 7 Dec 2016 17:26

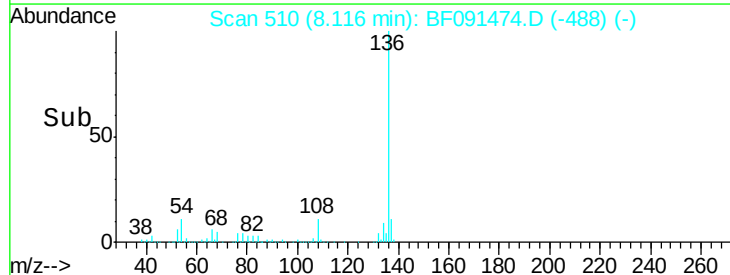
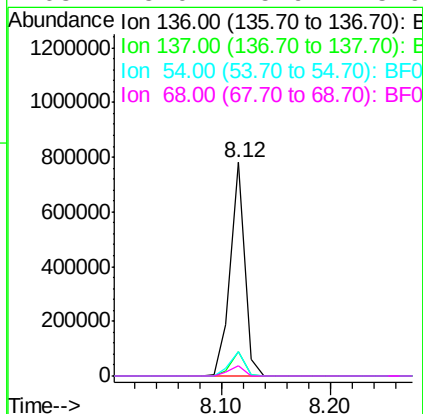
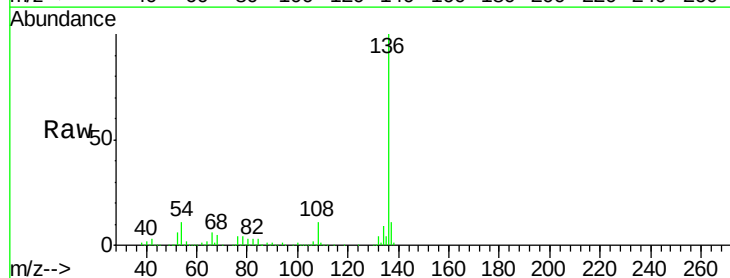
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01

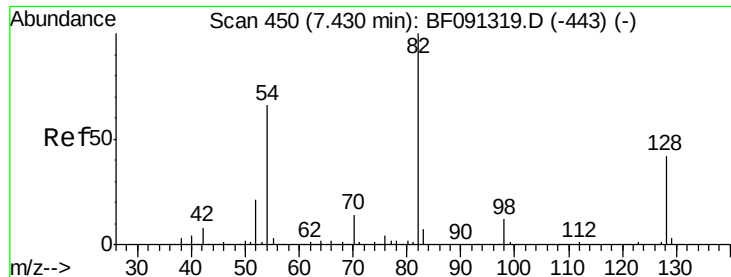
Tgt Ion: 70 Resp: 114106
Ion Ratio Lower Upper
70 100
42 55.3 64.8 97.2#
101 0.0 6.2 9.4#
130 1.6 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.05 min
Lab File: BF091474.D
Acq: 7 Dec 2016 17:26

Tgt Ion: 136 Resp: 708069
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 11.2 9.1 13.7
68 5.0 5.9 8.9#

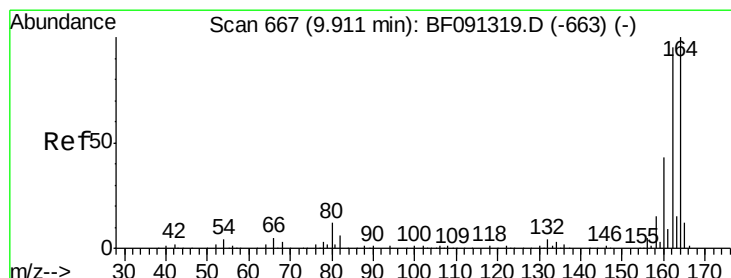
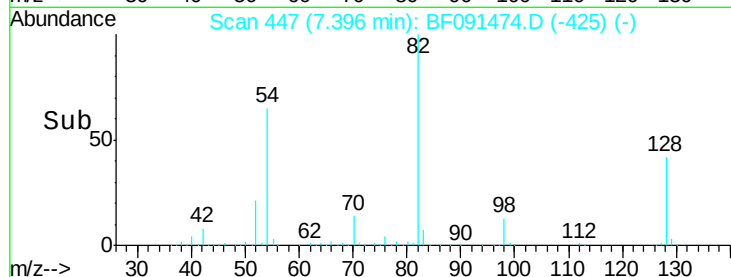
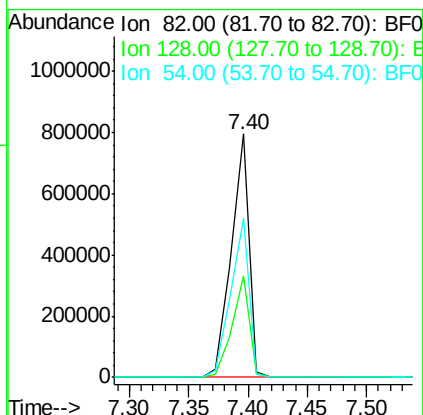
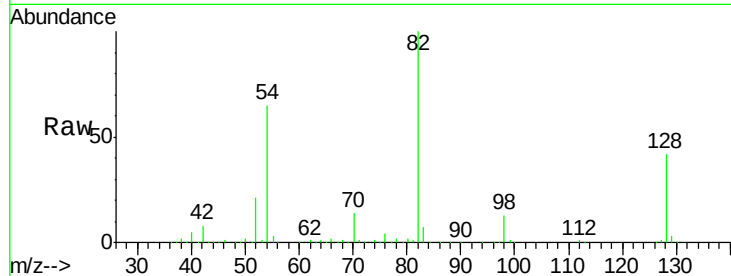




#23
 Nitrobenzene-d5
 Concen: 65.06 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.05 min
 Lab File: BF091474.D
 Acq: 7 Dec 2016 17:26

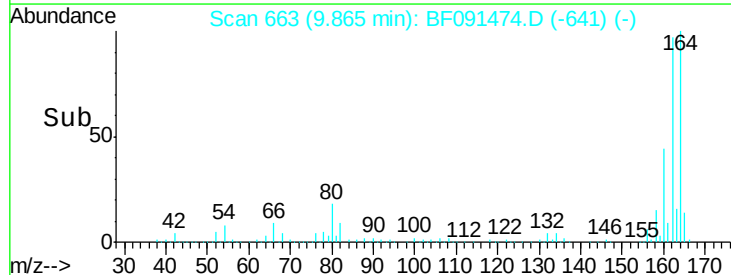
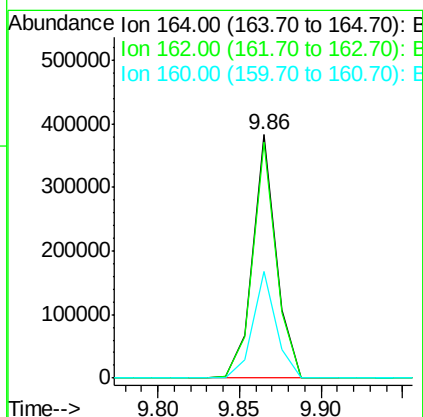
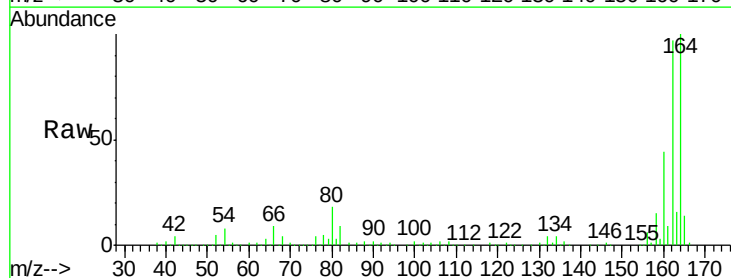
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01

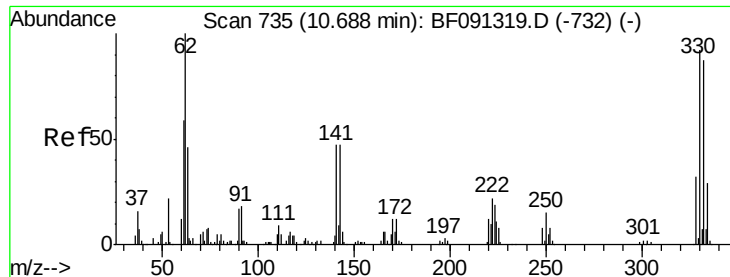
Tgt Ion: 82 Resp: 821985
 Ion Ratio Lower Upper
 82 100
 128 41.5 31.8 47.6
 54 65.5 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.05 min
 Lab File: BF091474.D
 Acq: 7 Dec 2016 17:26

Tgt Ion: 164 Resp: 384640
 Ion Ratio Lower Upper
 164 100
 162 96.7 82.6 124.0
 160 43.7 36.7 55.1

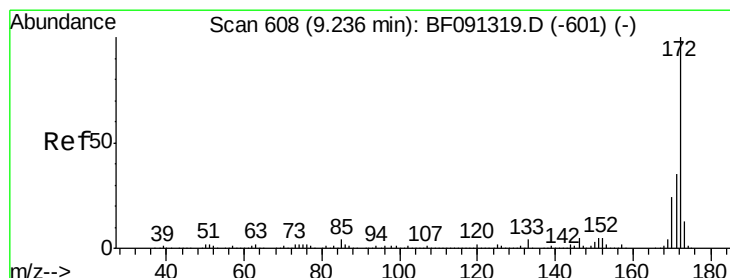
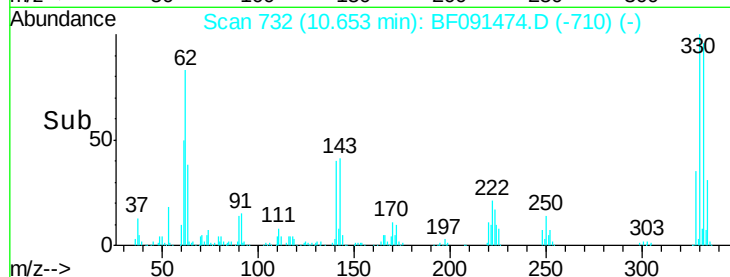
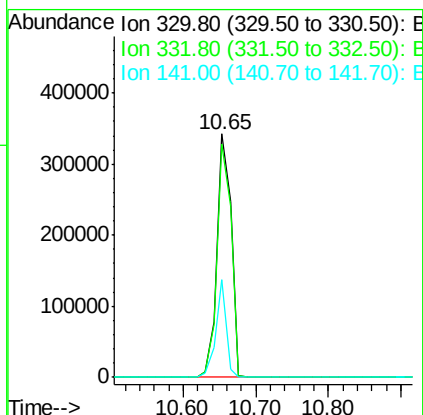
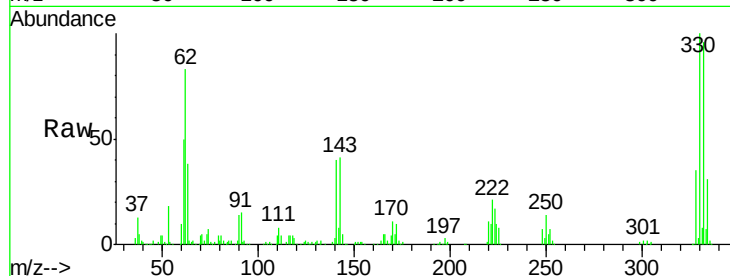




#41
 2,4,6-Tribromophenol
 Concen: 128.90 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.05 min
 Lab File: BF091474.D
 Acq: 7 Dec 2016 17:26

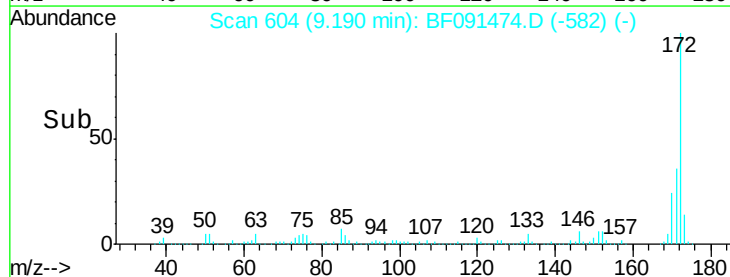
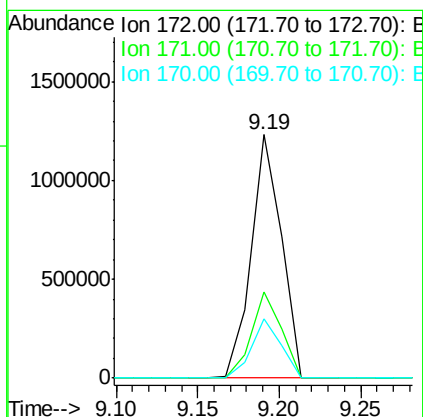
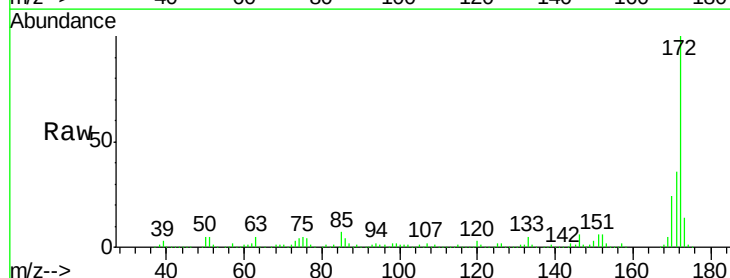
Instrument :
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 ClientSampleId :
 N002-WD-A5-01-01

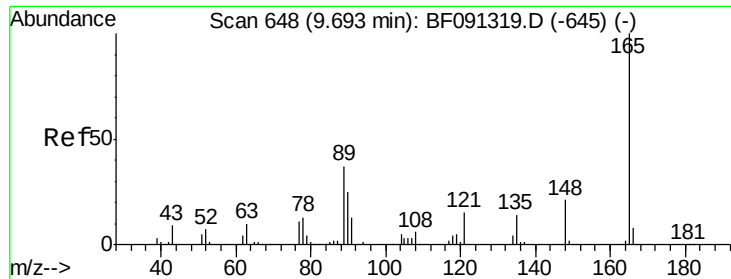
Tgt Ion:330 Resp: 469372
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 29.2 33.6 50.4#



#44
 2-Fluorobiphenyl
 Concen: 74.39 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.05 min
 Lab File: BF091474.D
 Acq: 7 Dec 2016 17:26

Tgt Ion:172 Resp: 1580189
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.0
 170 24.2 19.7 29.5

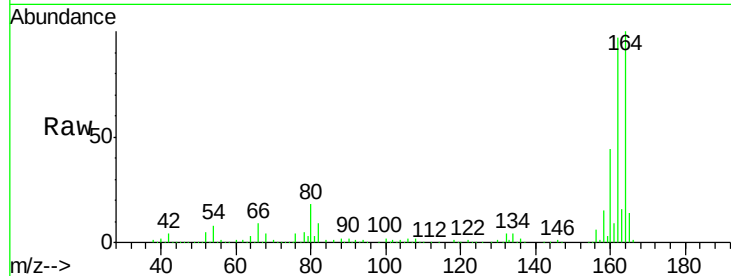




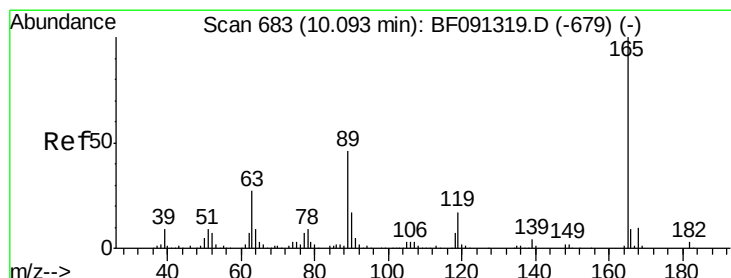
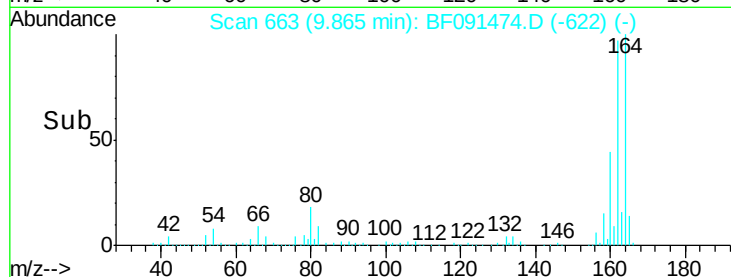
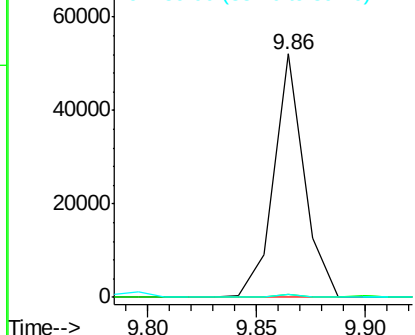
#50
2,6-Dinitrotoluene
Concen: 9.80 ng
RT: 9.86 min Scan# 663
Delta R.T. 0.17 min
Lab File: BF091474.D
Acq: 7 Dec 2016 17:26

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01

Tgt Ion:165 Resp: 51018
Ion Ratio Lower Upper
165 100
63 1.2 59.4 89.0#
89 1.0 50.8 76.2#



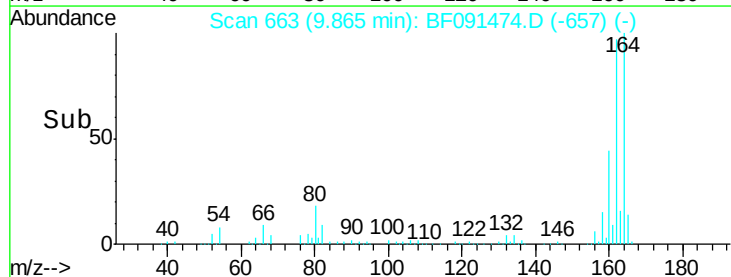
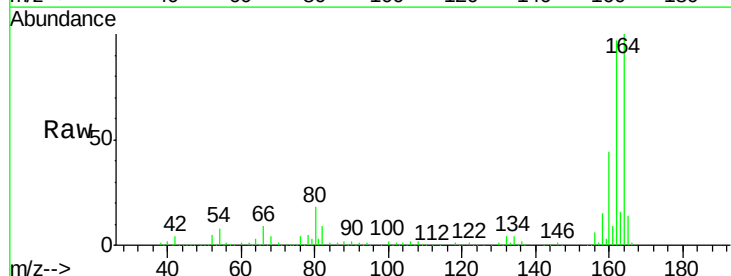
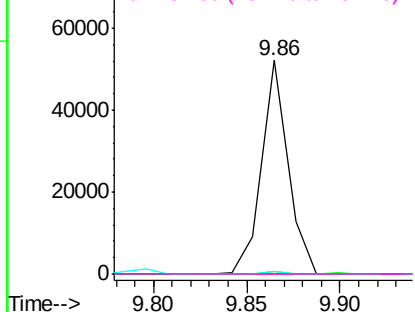
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

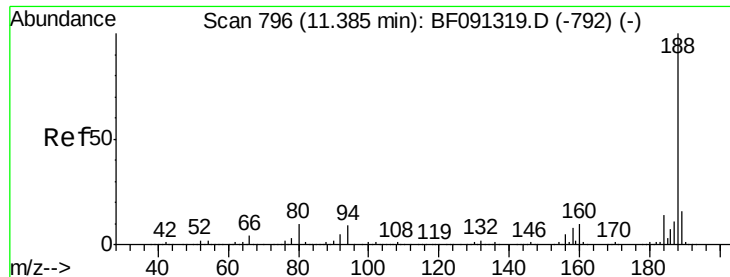


#56
2,4-Dinitrotoluene
Concen: 7.56 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.23 min
Lab File: BF091474.D
Acq: 7 Dec 2016 17:26

Tgt Ion:165 Resp: 51020
Ion Ratio Lower Upper
165 100
63 1.2 29.0 43.4#
89 1.0 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

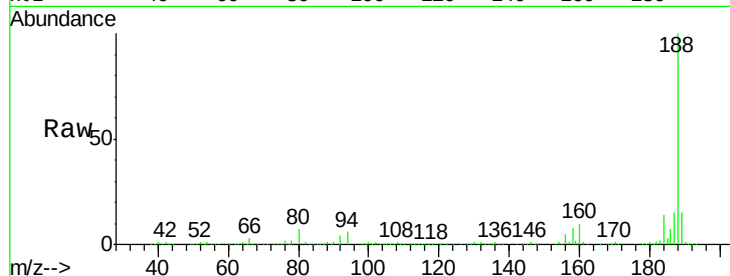




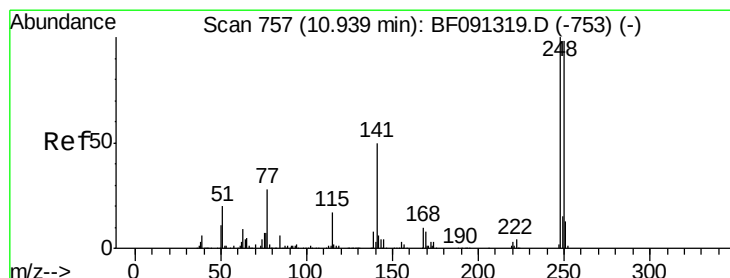
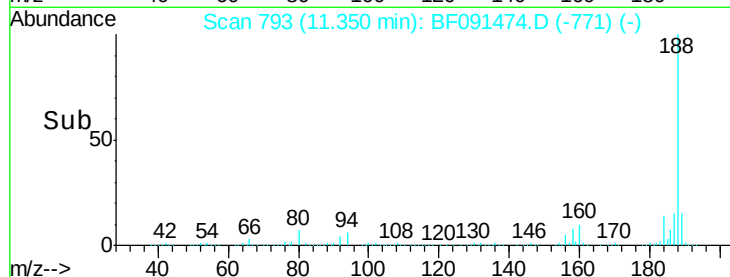
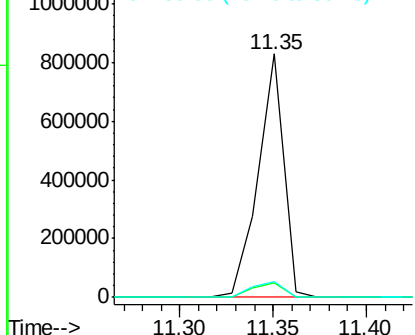
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.05 min
Lab File: BF091474.D
Acq: 7 Dec 2016 17:26

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01

Tgt Ion:188 Resp: 783453
Ion Ratio Lower Upper
188 100
94 6.2 9.2 13.8#
80 6.6 10.5 15.7#

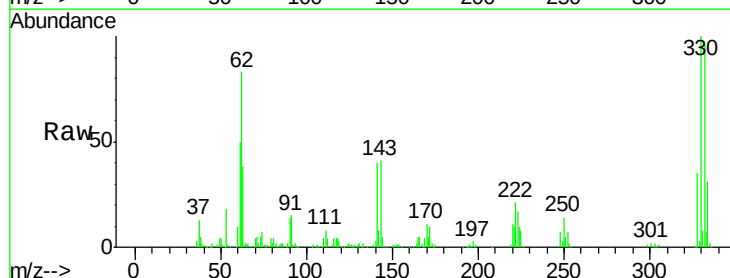


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

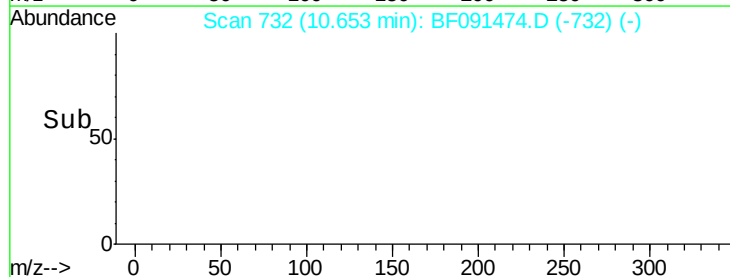
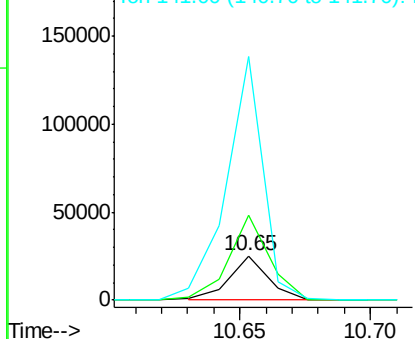


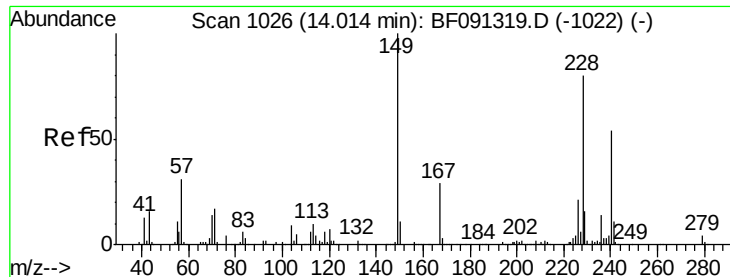
#66
4-Bromophenyl-phenylether
Concen: 3.12 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.30 min
Lab File: BF091474.D
Acq: 7 Dec 2016 17:26

Tgt Ion:248 Resp: 26278
Ion Ratio Lower Upper
248 100
250 192.2 78.2 117.4#
141 548.7 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: 13.98 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF091474.D

Acq: 7 Dec 2016 17:26

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01

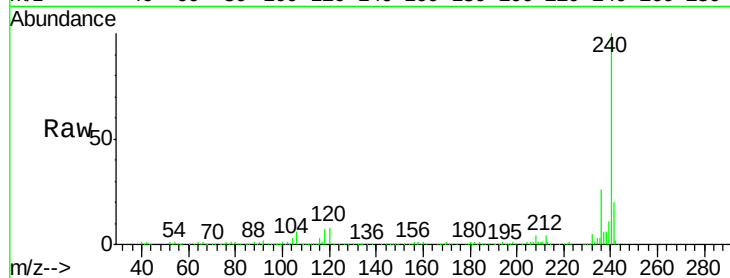
Tgt Ion:240 Resp: 613450

Ion Ratio Lower Upper

240 100

120 8.3 12.1 18.1#

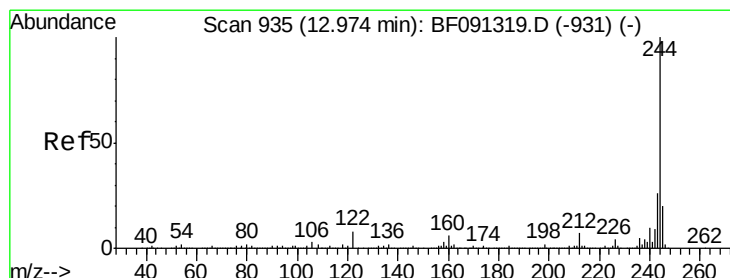
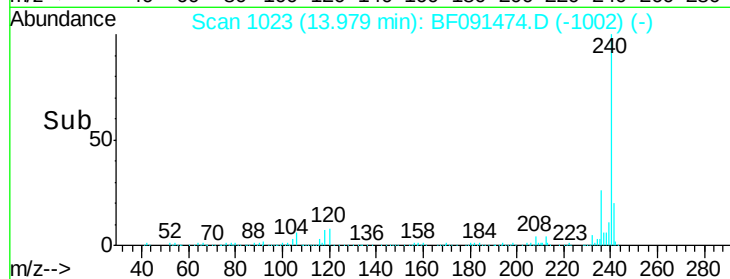
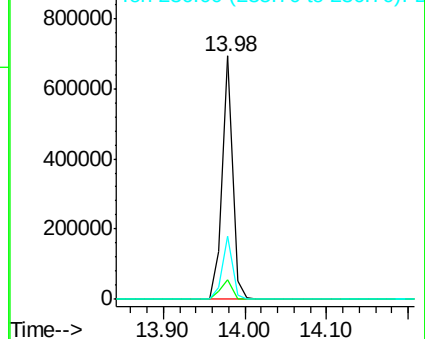
236 25.7 21.0 31.6



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: 62.11 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF091474.D

Acq: 7 Dec 2016 17:26

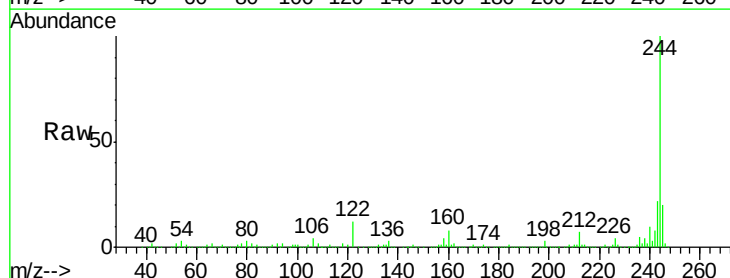
Tgt Ion:244 Resp: 1753055

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

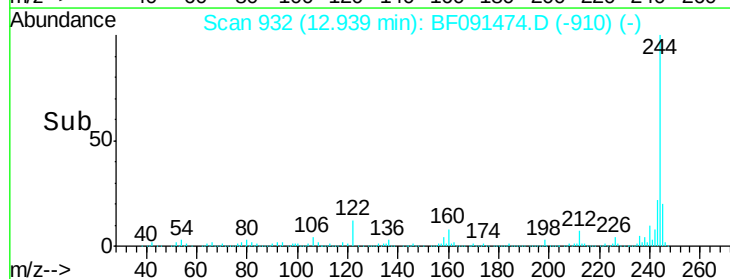
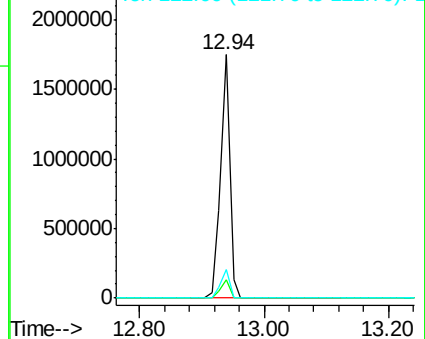
122 11.9 9.5 14.3

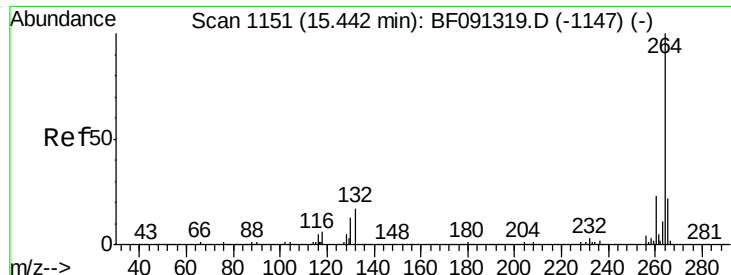


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

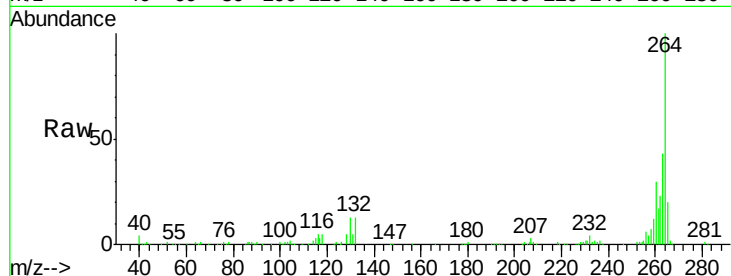




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.07 min
Lab File: BF091474.D
Acq: 7 Dec 2016 17:26

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	30.4	18.8	28.2#
265	20.3	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

