

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091496.D
 Acq On : 8 Dec 2016 4:36
 Operator : UM/SJ
 Sample : H5867-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-03-01

Quant Time: Dec 08 06:30:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 00:35:13 2016
 Response via : Initial Calibration

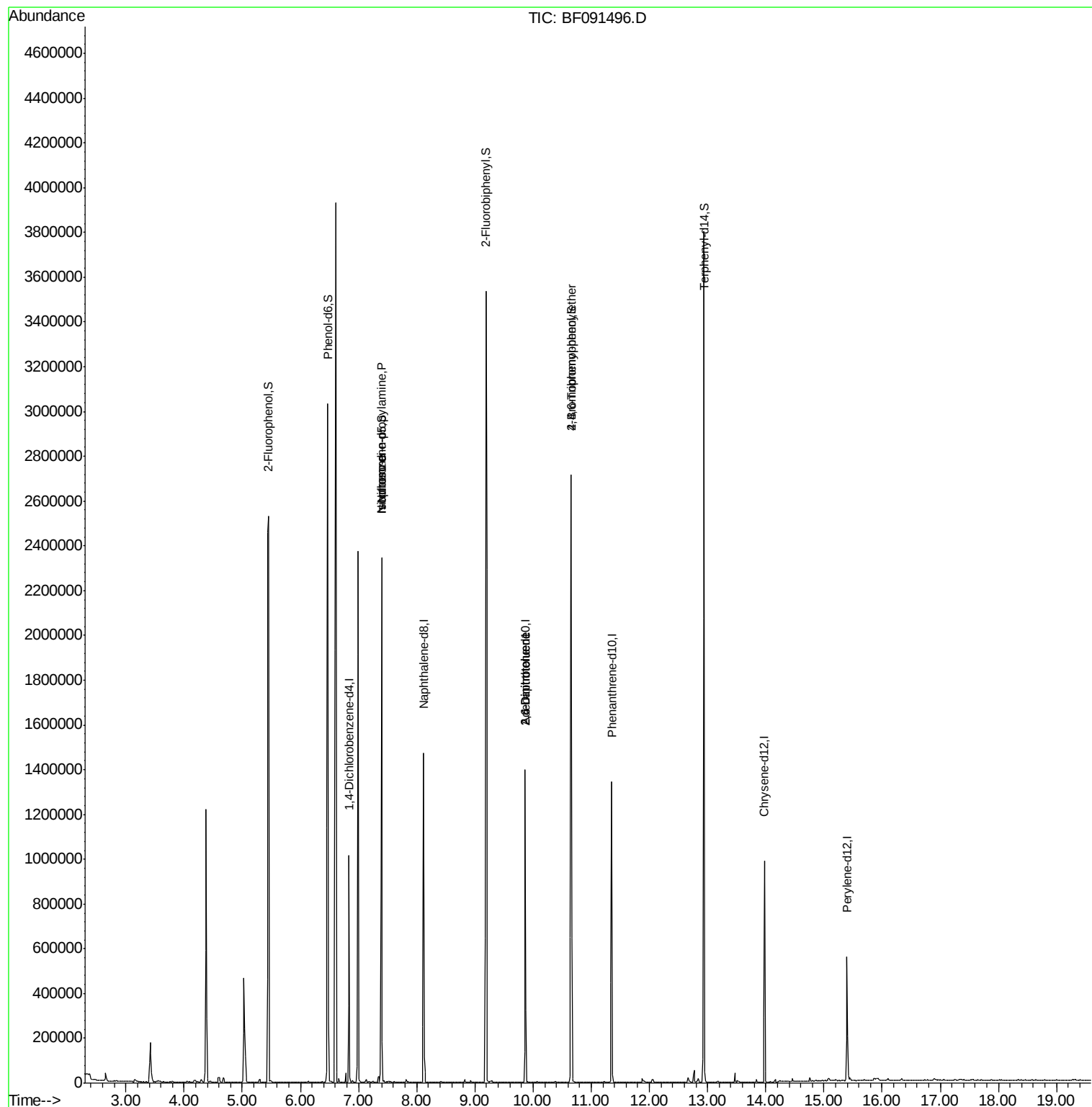
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	156169	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	599495	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	306930	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	533305	20.00	ng	0.00
75) Chrysene-d12	13.98	240	356610	20.00	ng	0.00
86) Perylene-d12	15.40	264	238225	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	985427	103.08	ng	0.02
7) Phenol-d6	6.47	99	968338	82.29	ng	0.00
23) Nitrobenzene-d5	7.40	82	751877	70.29	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	355002	122.17	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1564677	92.30	ng	-0.01
78) Terphenyl-d14	12.94	244	1458552	88.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	106563	14.37	ng	# 71
25) Isophorone	7.40	82	554256	29.25	ng	# 67
50) 2,6-Dinitrotoluene	9.86	165	39470	9.50	ng	# 17
56) 2,4-Dinitrotoluene	9.86	165	39472	7.33	ng	# 34
66) 4-Bromophenyl-phenylether	10.65	248	20771	3.62	ng	# 1

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

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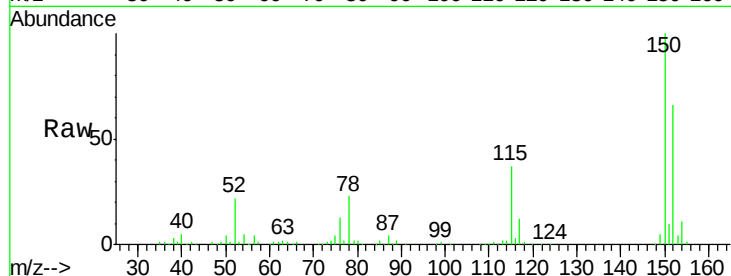




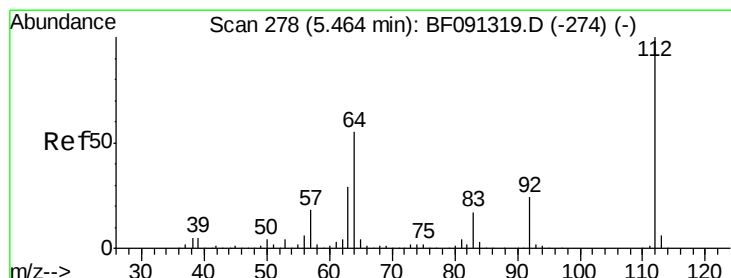
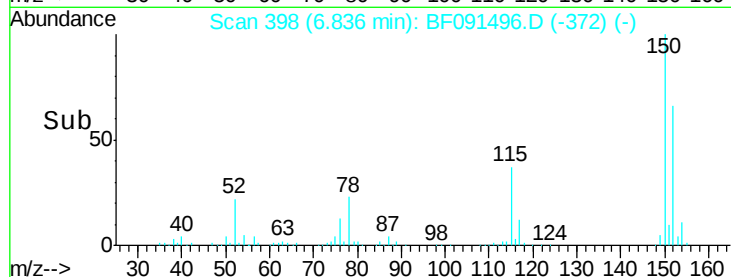
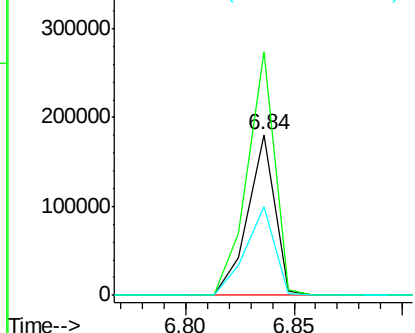
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BF091496.D
 Acq: 8 Dec 2016 4:36

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-03-01

Tgt Ion:152 Resp: 156169
 Ion Ratio Lower Upper
 152 100
 150 151.2 122.5 183.7
 115 55.5 51.8 77.8

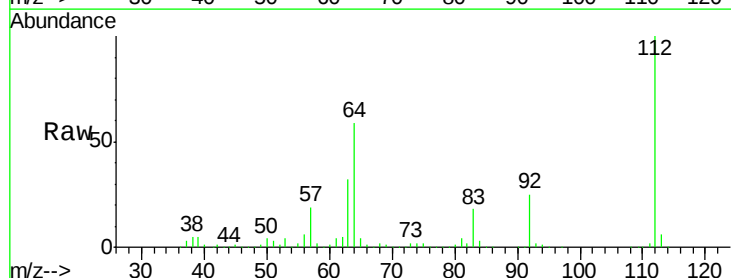


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

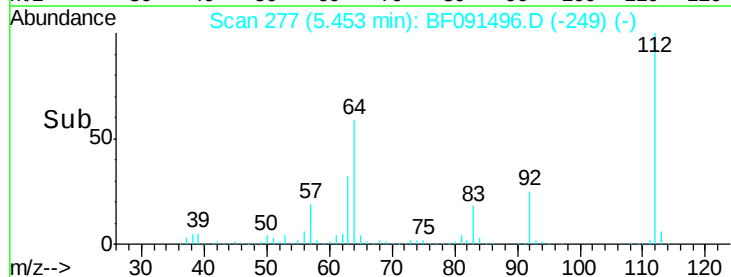
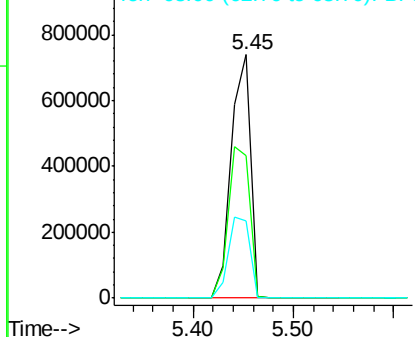


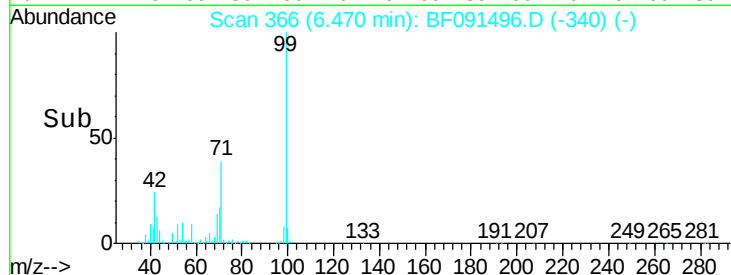
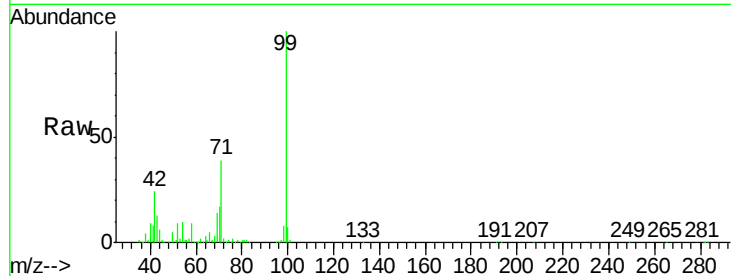
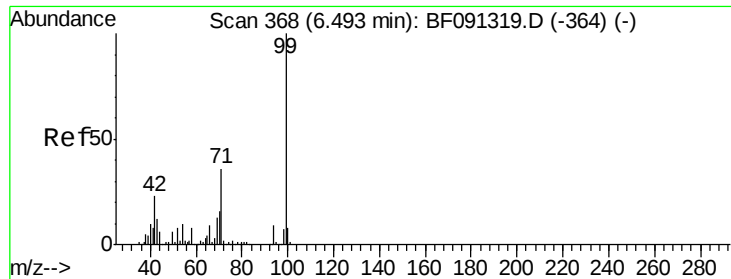
#5
 2-Fluorophenol
 Concen: 103.08 ng
 RT: 5.45 min Scan# 277
 Delta R.T. 0.02 min
 Lab File: BF091496.D
 Acq: 8 Dec 2016 4:36

Tgt Ion:112 Resp: 985427
 Ion Ratio Lower Upper
 112 100
 64 58.8 61.5 92.3#
 63 31.7 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: 82.29 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF091496.D

Acq: 8 Dec 2016 4:36

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-03-01

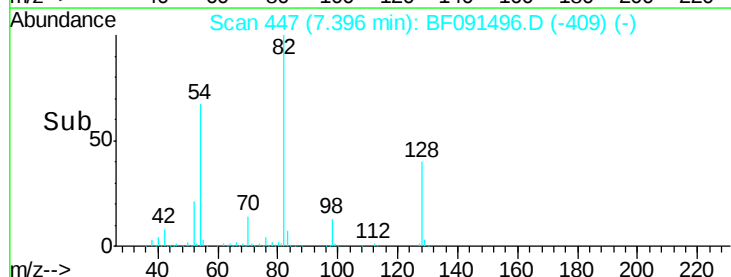
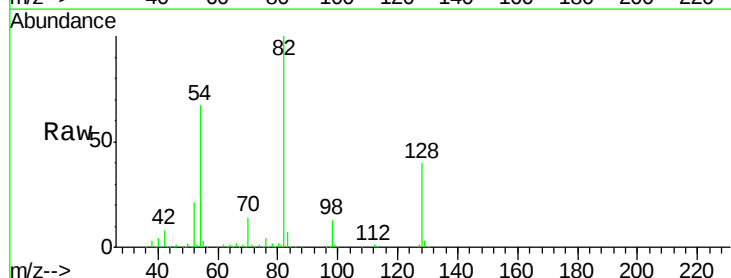
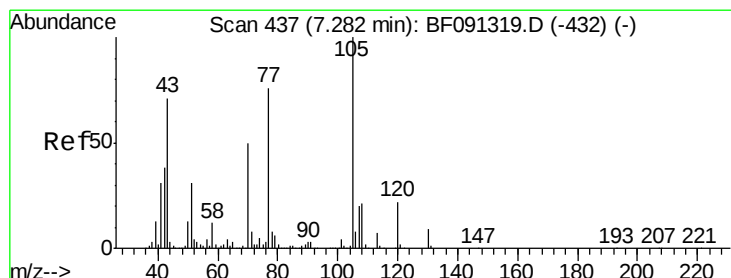
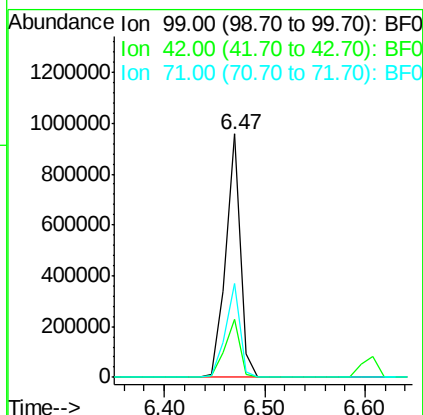
Tgt Ion: 99 Resp: 968338

Ion Ratio Lower Upper

99 100

42 24.0 20.6 31.0

71 38.7 29.9 44.9



#19

n-Nitroso-di-n-propylamine

Concen: 14.37 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.14 min

Lab File: BF091496.D

Acq: 8 Dec 2016 4:36

Tgt Ion: 70 Resp: 106563

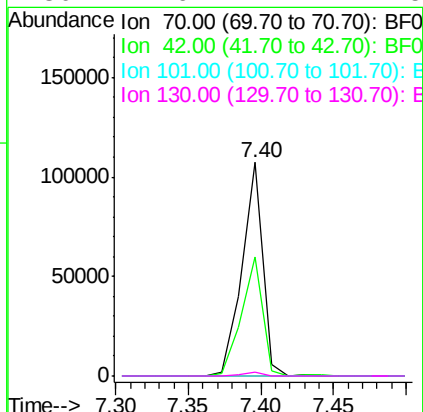
Ion Ratio Lower Upper

70 100

42 55.5 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. 0.00 min

Lab File: BF091496.D

Acq: 8 Dec 2016 4:36

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-03-01

Tgt Ion: 136 Resp: 599495

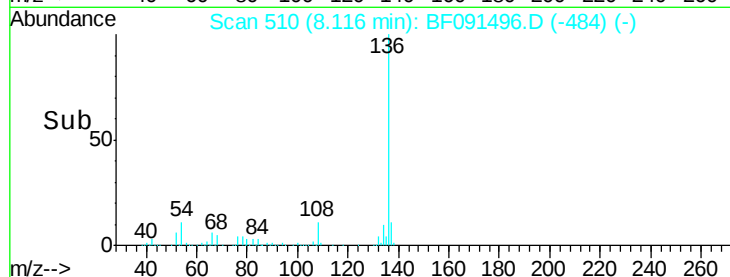
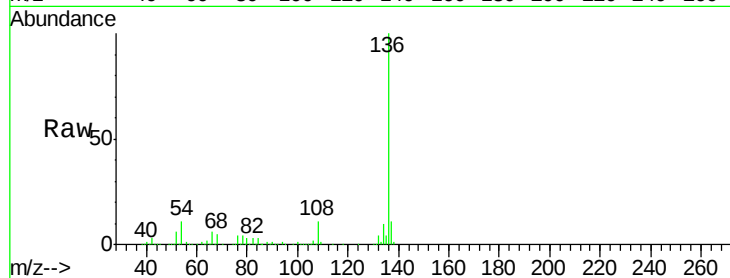
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 11.2 9.1 13.7

68 5.1 5.9 8.9#

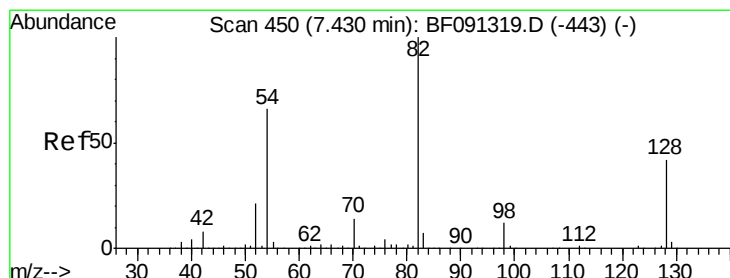
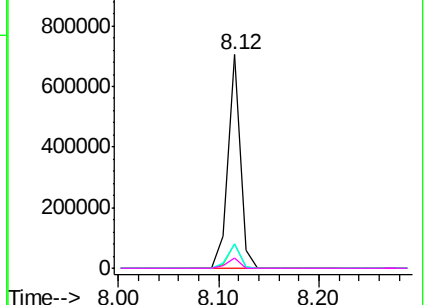


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.29 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF091496.D

Acq: 8 Dec 2016 4:36

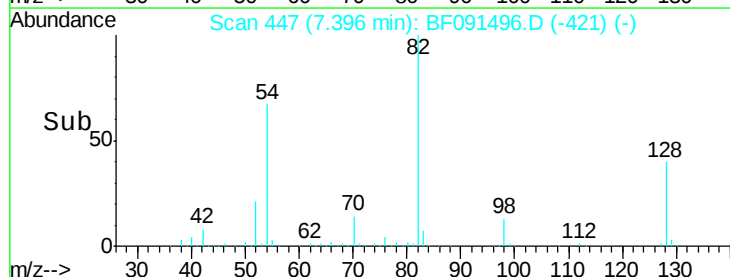
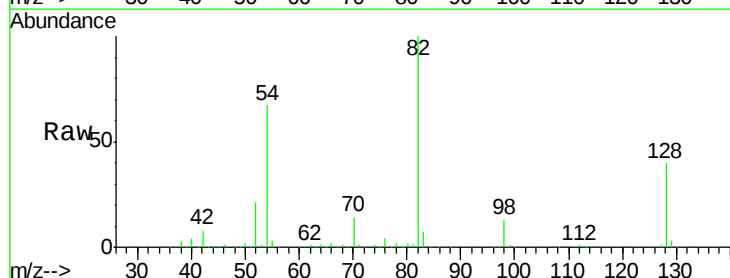
Tgt Ion: 82 Resp: 751877

Ion Ratio Lower Upper

82 100

128 39.5 31.8 47.6

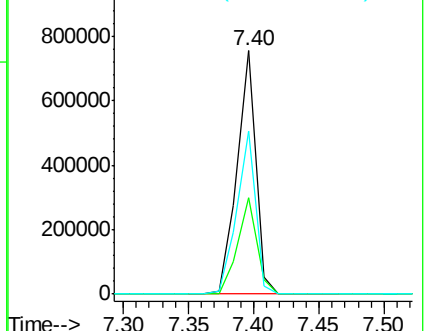
54 66.9 49.1 73.7

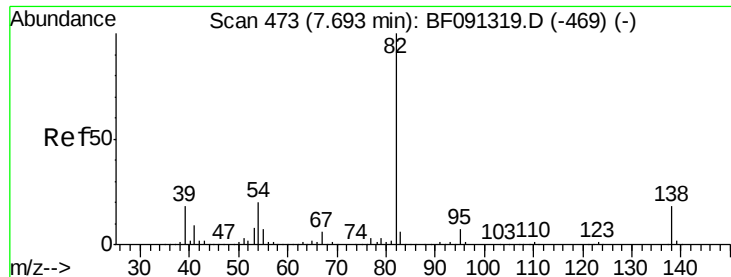


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

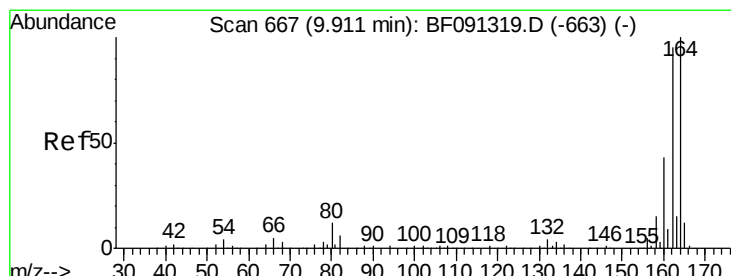
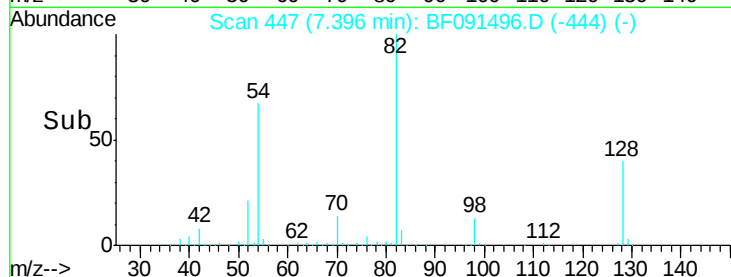
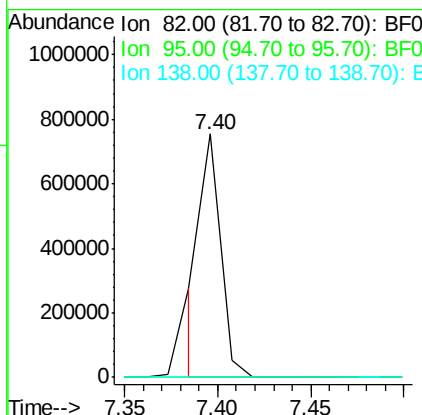
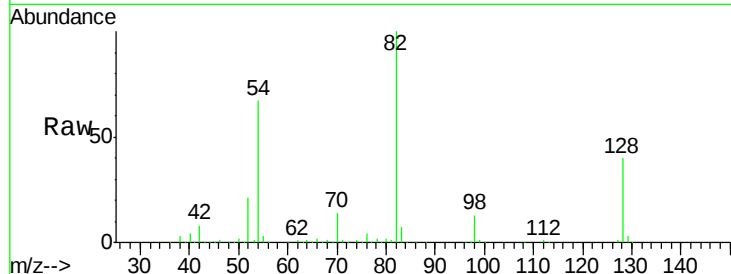




#25
Isophorone
Concen: 29.25 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.26 min
Lab File: BF091496.D
Acq: 8 Dec 2016 4:36

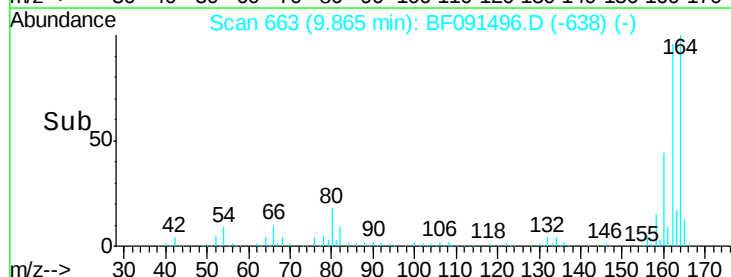
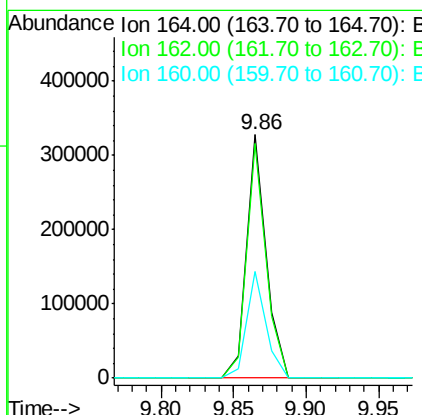
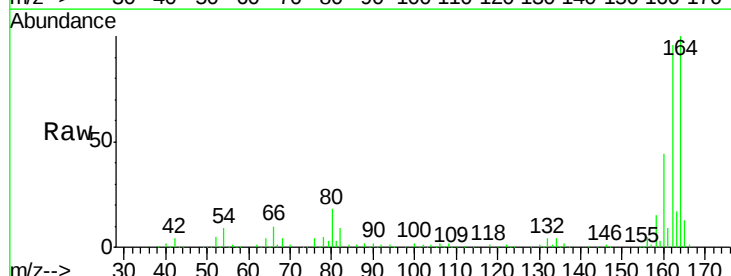
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-03-01

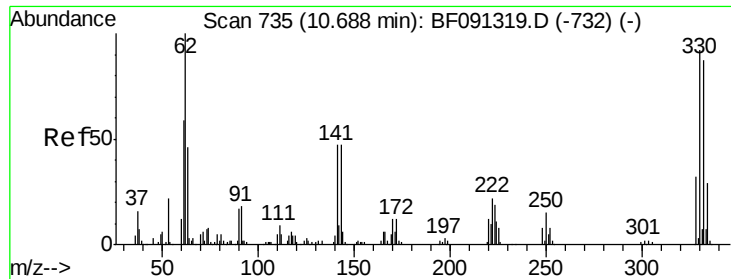
Tgt Ion: 82 Resp: 554256
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF091496.D
Acq: 8 Dec 2016 4:36

Tgt Ion: 164 Resp: 306930
Ion Ratio Lower Upper
164 100
162 96.2 82.6 124.0
160 43.6 36.7 55.1

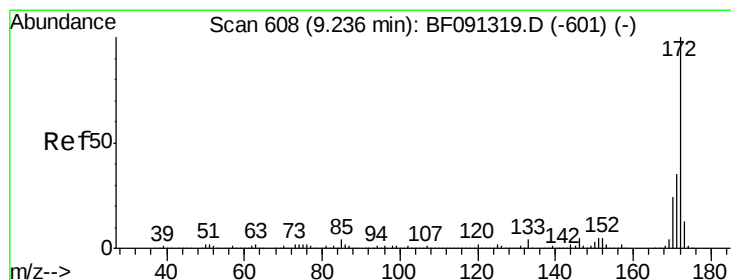
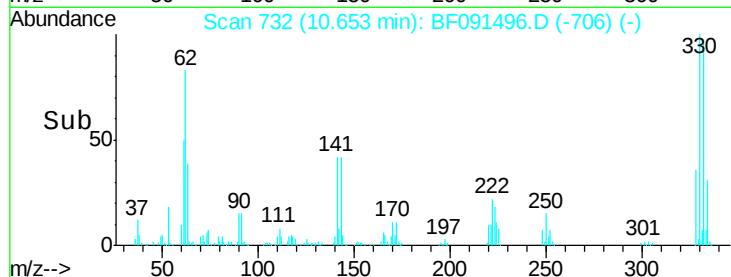
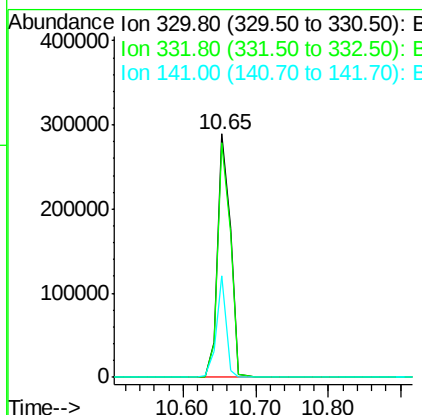
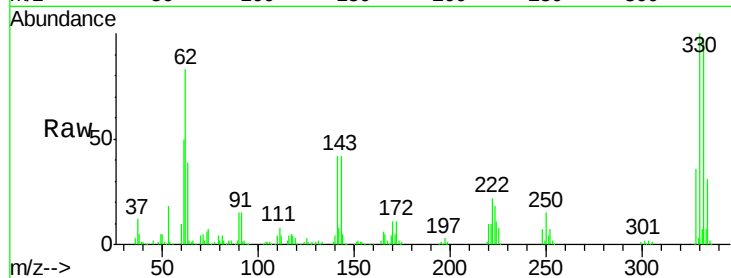




#41
 2,4,6-Tribromophenol
 Concen: 122.17 ng
 RT: 10.65 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF091496.D
 Acq: 8 Dec 2016 4:36

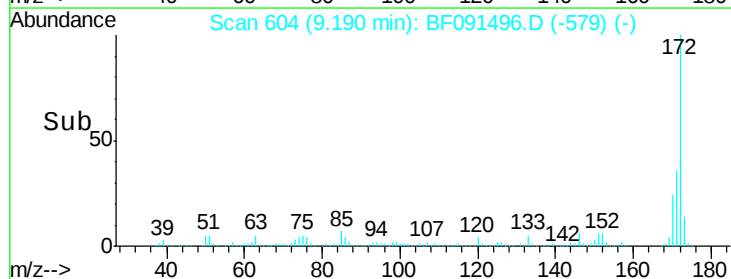
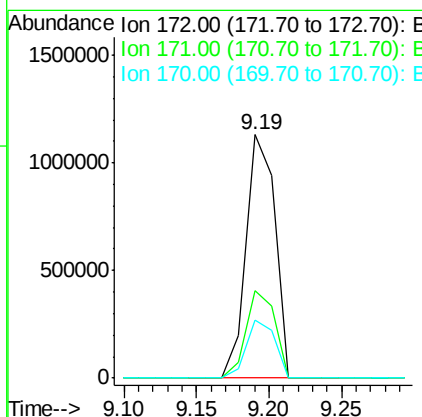
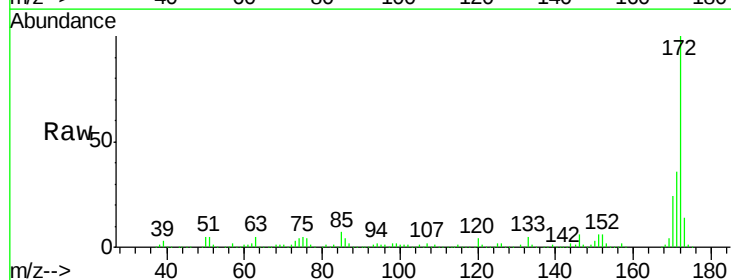
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-03-01

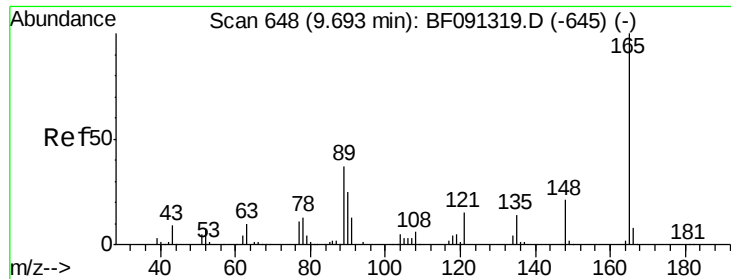
Tgt Ion:330 Resp: 355002
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.2 114.4
 141 31.2 33.6 50.4#



#44
 2-Fluorobiphenyl
 Concen: 92.30 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF091496.D
 Acq: 8 Dec 2016 4:36

Tgt Ion:172 Resp: 1564677
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 23.9 19.7 29.5

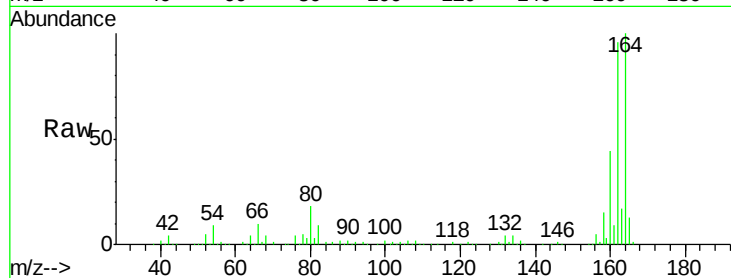




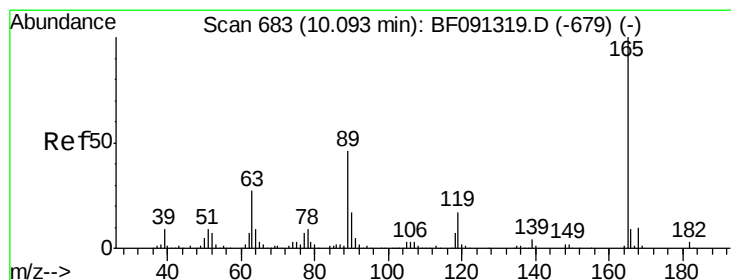
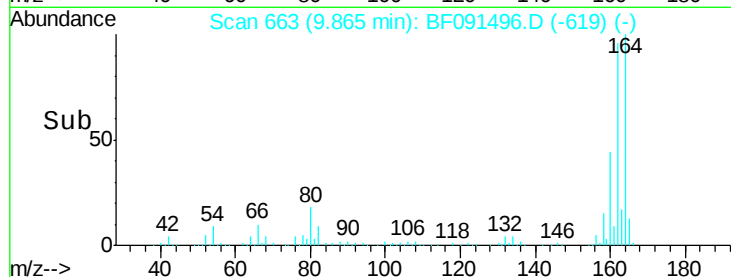
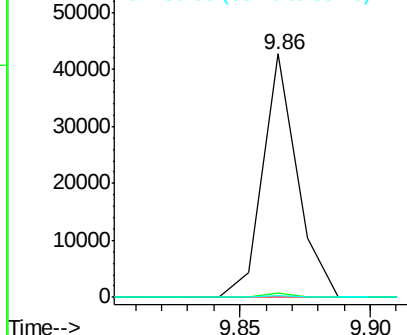
#50
 2,6-Dinitrotoluene
 Concen: 9.50 ng
 RT: 9.86 min Scan# 663
 Delta R.T. 0.21 min
 Lab File: BF091496.D
 Acq: 8 Dec 2016 4:36

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-03-01

Tgt Ion:165 Resp: 39470
 Ion Ratio Lower Upper
 165 100
 63 1.5 59.4 89.0#
 89 0.9 50.8 76.2#

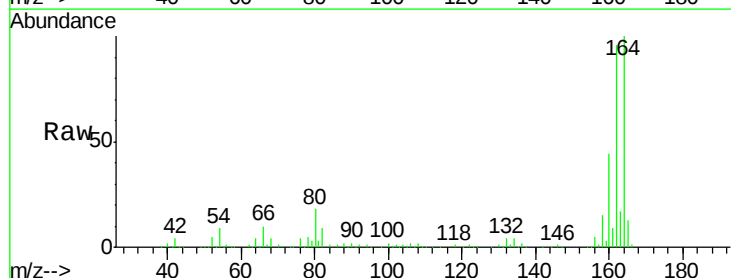


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

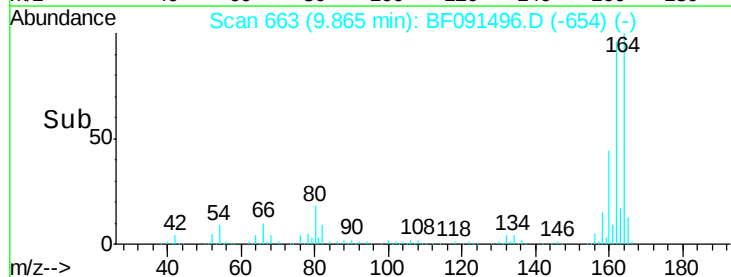
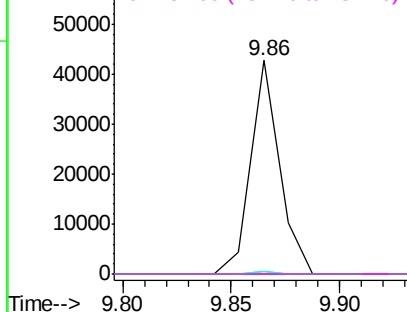


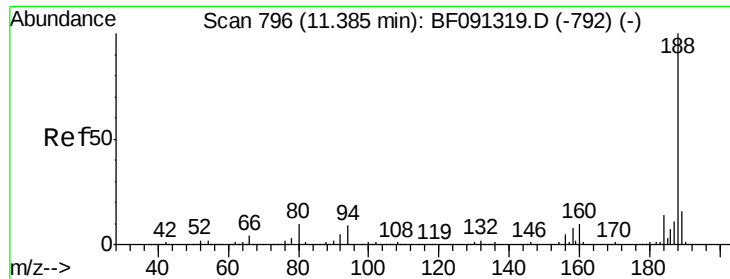
#56
 2,4-Dinitrotoluene
 Concen: 7.33 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.19 min
 Lab File: BF091496.D
 Acq: 8 Dec 2016 4:36

Tgt Ion:165 Resp: 39472
 Ion Ratio Lower Upper
 165 100
 63 1.5 29.0 43.4#
 89 0.9 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

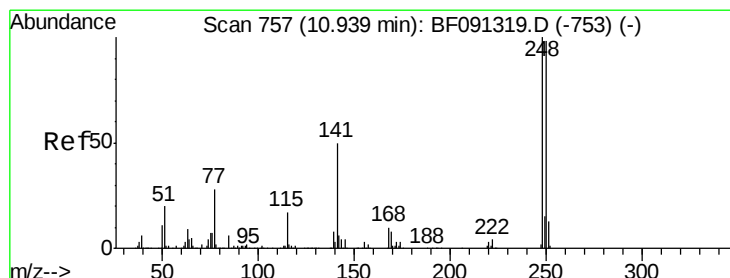
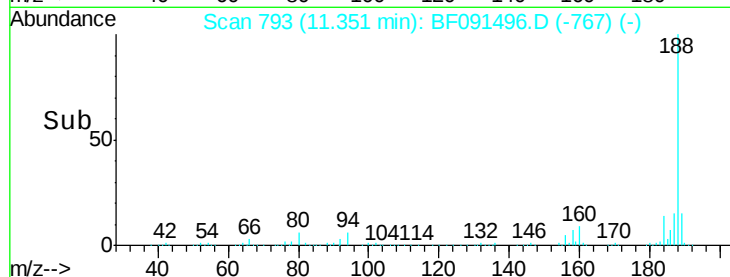
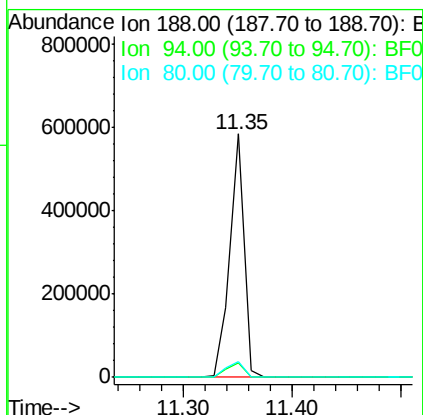
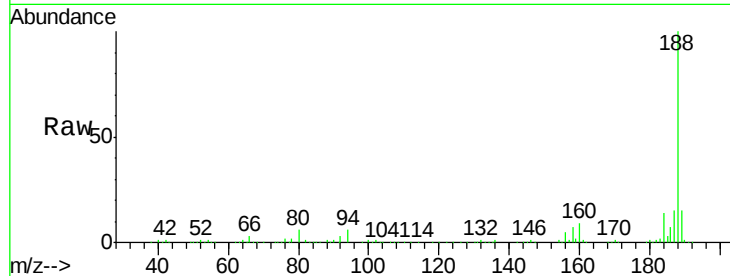




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF091496.D
Acq: 8 Dec 2016 4:36

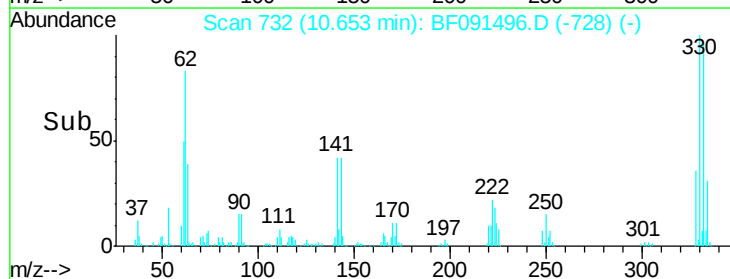
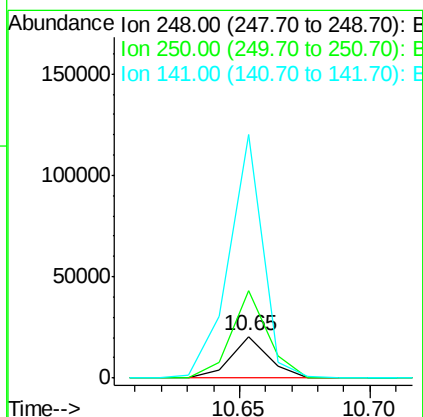
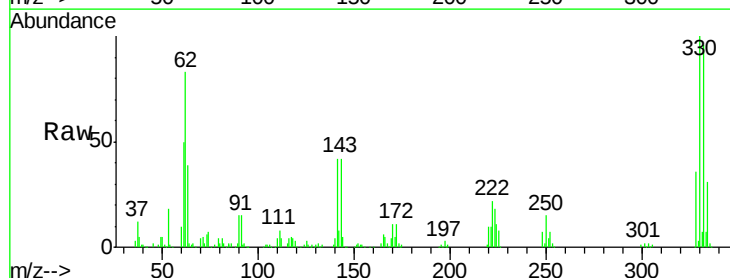
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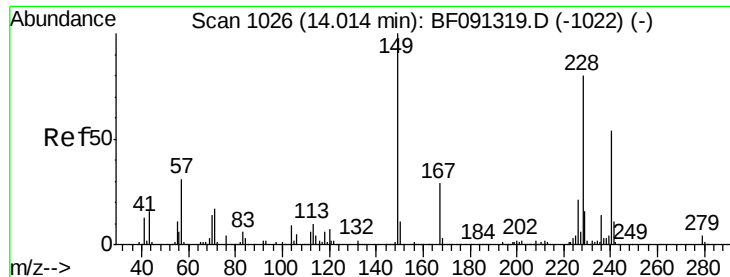
Tgt Ion:188 Resp: 533305
Ion Ratio Lower Upper
188 100
94 5.9 9.2 13.8#
80 6.3 10.5 15.7#



#66
4-Bromophenyl-phenylether
Concen: 3.62 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.25 min
Lab File: BF091496.D
Acq: 8 Dec 2016 4:36

Tgt Ion:248 Resp: 20771
Ion Ratio Lower Upper
248 100
250 209.2 78.2 117.4#
141 581.6 71.9 107.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF091496.D

Acq: 8 Dec 2016 4:36

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-03-01

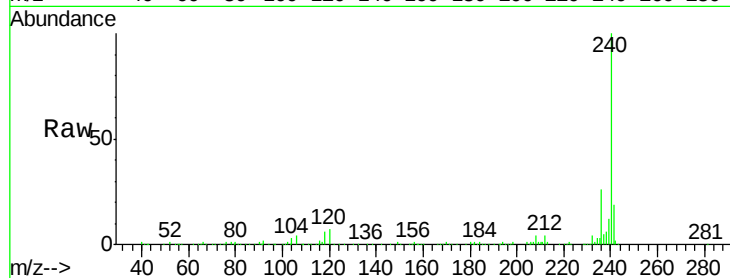
Tgt Ion:240 Resp: 356610

Ion Ratio Lower Upper

240 100

120 6.6 12.1 18.1#

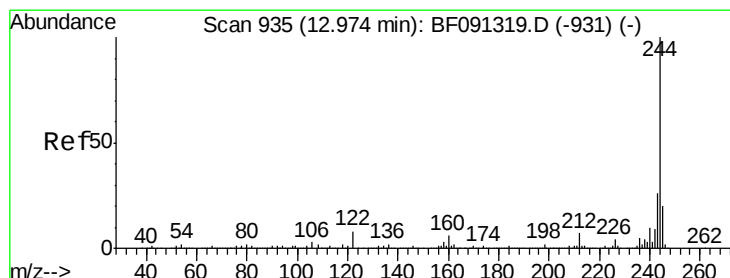
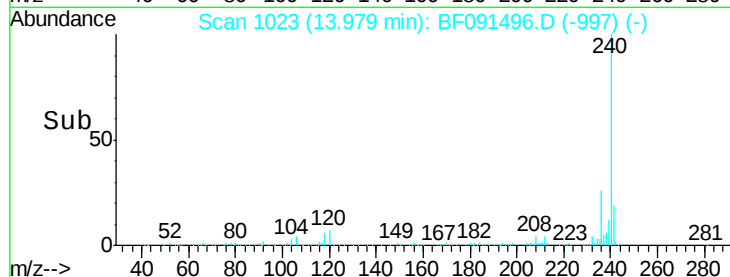
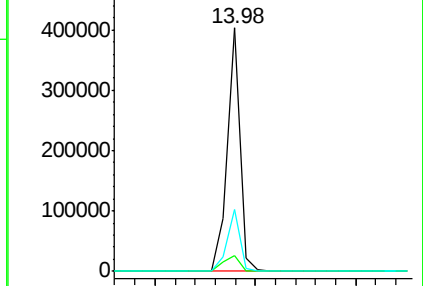
236 25.6 21.0 31.6



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: 88.90 ng

RT: 12.94 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF091496.D

Acq: 8 Dec 2016 4:36

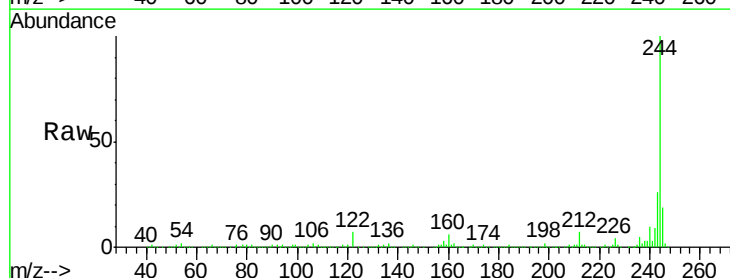
Tgt Ion:244 Resp: 1458552

Ion Ratio Lower Upper

244 100

212 6.9 6.5 9.7

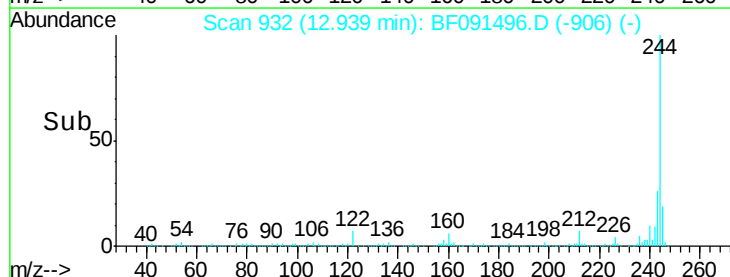
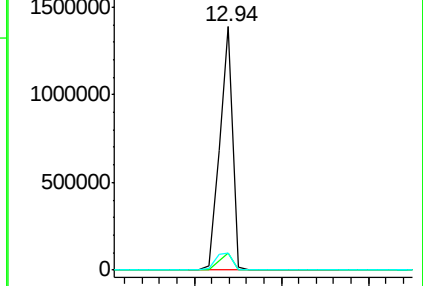
122 7.2 9.5 14.3#

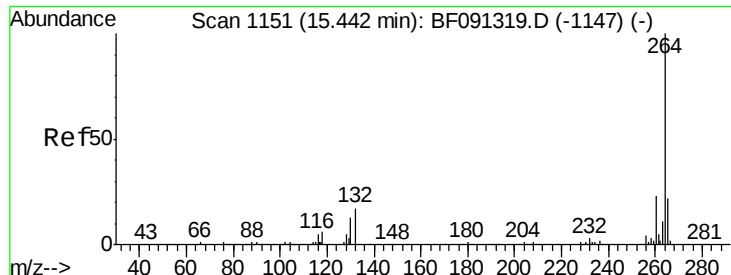


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.40 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF091496.D
Acq: 8 Dec 2016 4:36

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-03-01

Tgt Ion: 264 Resp: 238225
Ion Ratio Lower Upper
264 100
260 25.0 18.8 28.2
265 21.3 17.0 25.6

