

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091505.D
 Acq On : 8 Dec 2016 16:30
 Operator : UM/SJ
 Sample : H5867-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-04-01

Quant Time: Dec 09 00:07:18 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

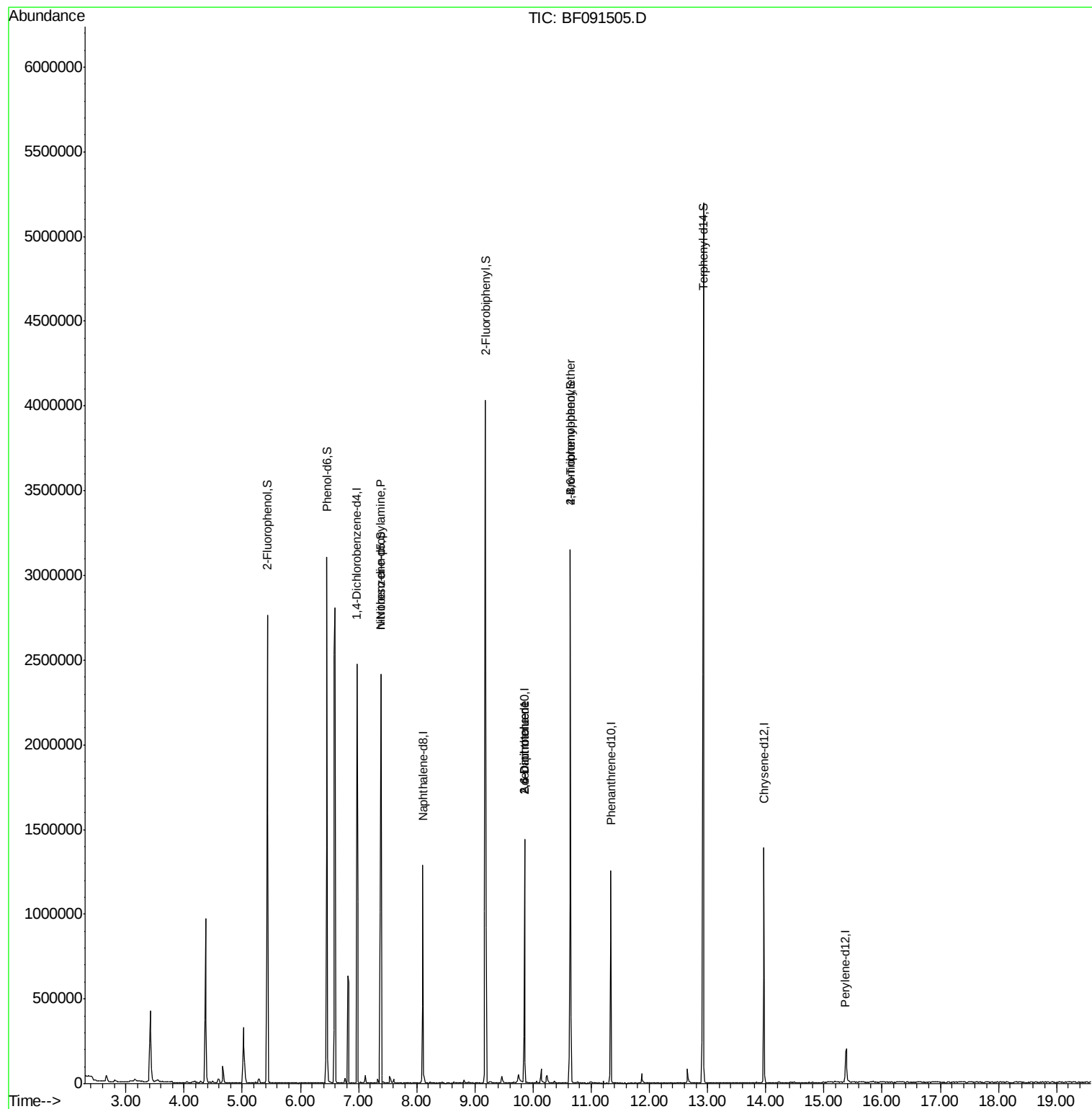
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	418623	20.00	ng	0.10
21) Naphthalene-d8	8.10	136	593277	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	290598	20.00	ng	-0.06
63) Phenanthrene-d10	11.34	188	633248	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	528421	20.00	ng	-0.07
86) Perylene-d12	15.37	264	53960	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	947785	36.99	ng	-0.04
7) Phenol-d6	6.46	99	993661	31.50	ng	-0.04
23) Nitrobenzene-d5	7.38	82	792411	74.85	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	398782	144.95	ng	-0.06
44) 2-Fluorobiphenyl	9.18	172	1404538	87.51	ng	-0.06
78) Terphenyl-d14	12.93	244	1828651	75.22	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	110379	5.55	ng	# 71
50) 2,6-Dinitrotoluene	9.85	165	38175	9.71	ng	# 17
56) 2,4-Dinitrotoluene	9.85	165	38168	7.48	ng	# 34
66) 4-Bromophenyl-phenylether	10.64	248	24231	3.56	ng	# 1

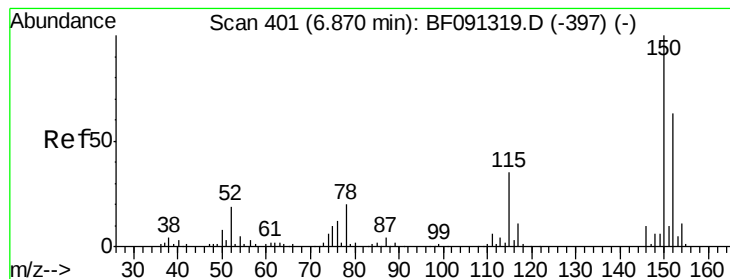
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. 0.10 min

Lab File: BF091505.D

Acq: 8 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-04-01

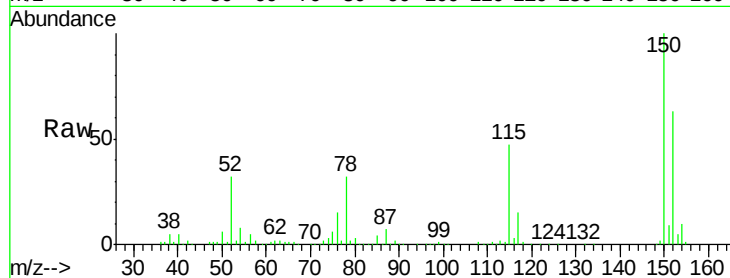
Tgt Ion:152 Resp: 418623

Ion Ratio Lower Upper

152 100

150 157.8 122.5 183.7

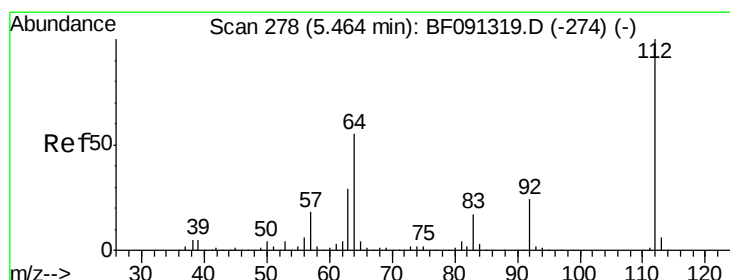
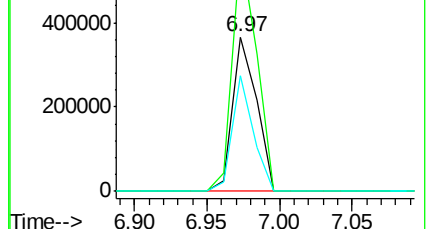
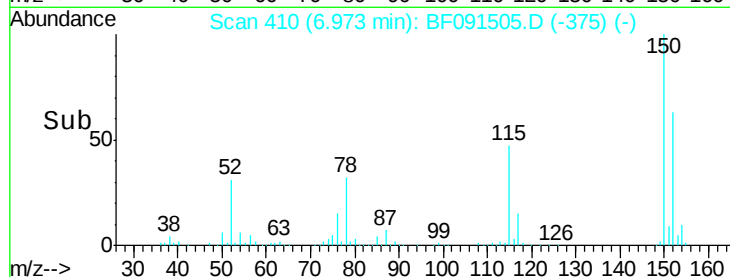
115 74.5 51.8 77.8



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: 36.99 ng

RT: 5.43 min Scan# 275

Delta R.T. -0.04 min

Lab File: BF091505.D

Acq: 8 Dec 2016 16:30

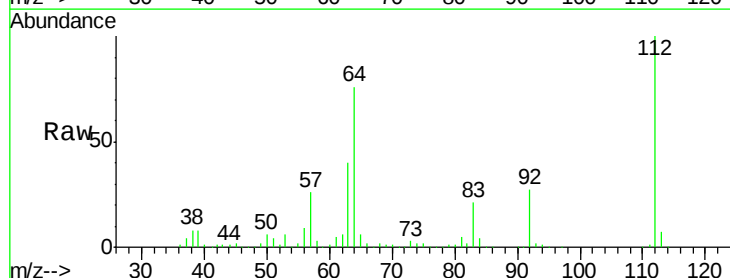
Tgt Ion:112 Resp: 947785

Ion Ratio Lower Upper

112 100

64 75.6 61.5 92.3

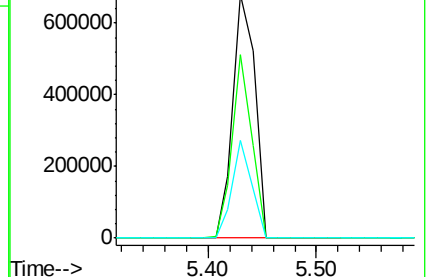
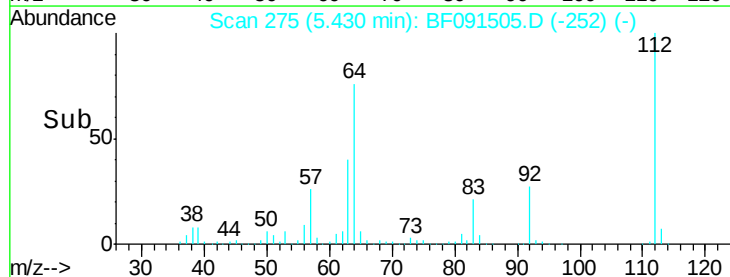
63 40.4 33.3 49.9

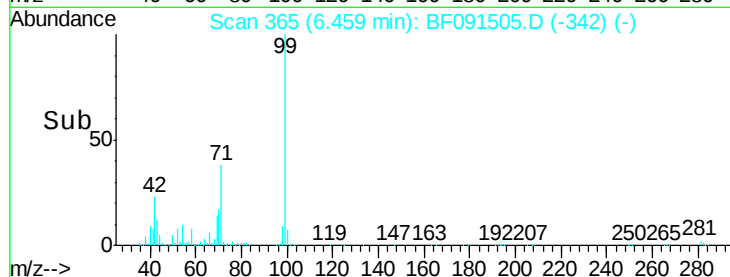
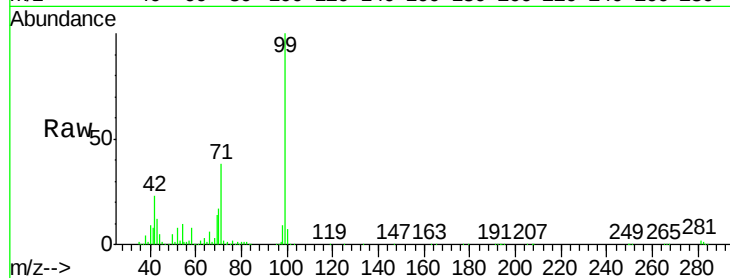
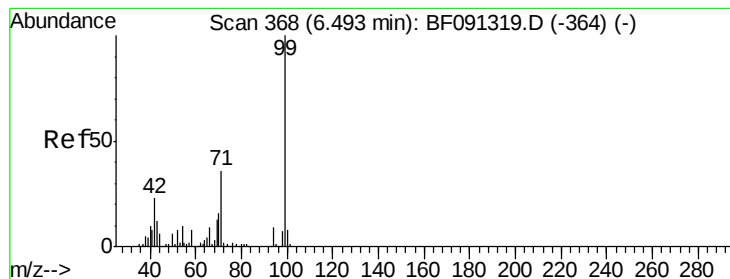


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.50 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.04 min

Lab File: BF091505.D

Acq: 8 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-04-01

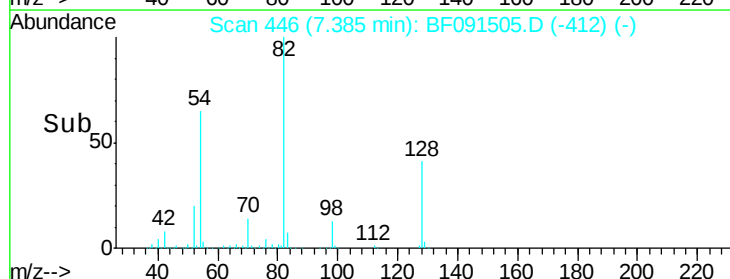
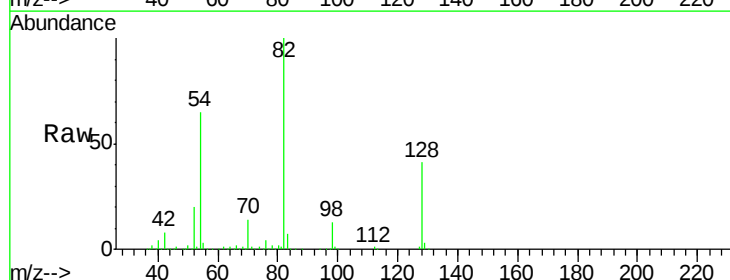
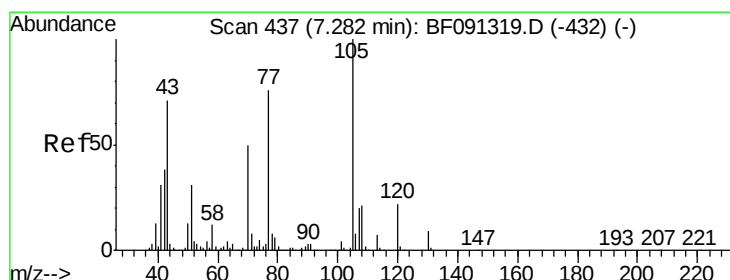
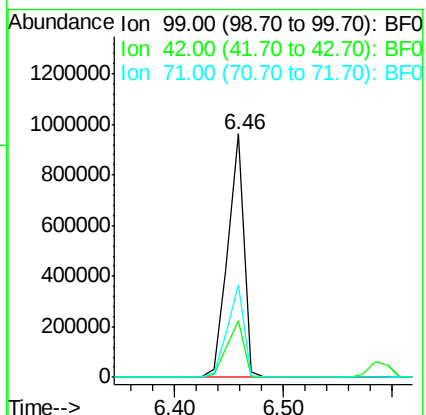
Tgt Ion: 99 Resp: 993661

Ion Ratio Lower Upper

99 100

42 23.4 20.6 31.0

71 38.3 29.9 44.9



#19

n-Nitroso-di-n-propylamine

Concen: 5.55 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.09 min

Lab File: BF091505.D

Acq: 8 Dec 2016 16:30

Tgt Ion: 70 Resp: 110379

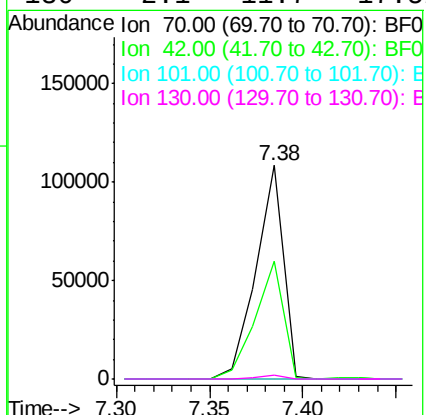
Ion Ratio Lower Upper

70 100

42 54.9 64.8 97.2#

101 0.0 6.2 9.4#

130 2.1 11.7 17.5#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.06 min

Lab File: BF091505.D

Acq: 8 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-04-01

Tgt Ion: 136 Resp: 593277

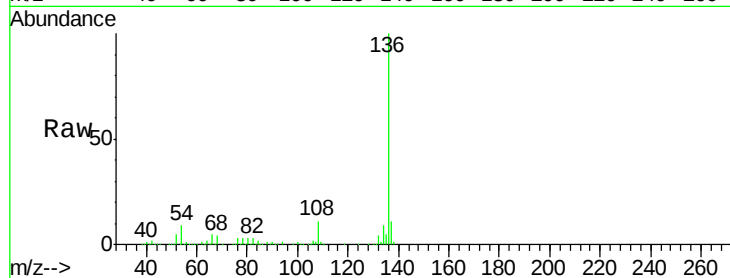
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.9 9.1 13.7#

68 4.3 5.9 8.9#

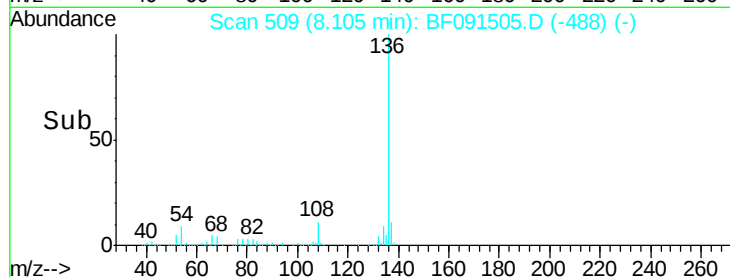


Abundance Ion 136.00 (135.70 to 136.70): E

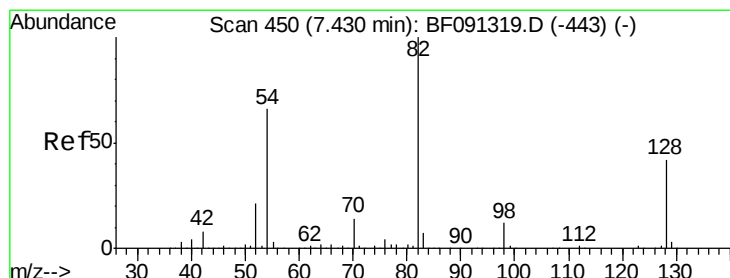
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 74.85 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.06 min

Lab File: BF091505.D

Acq: 8 Dec 2016 16:30

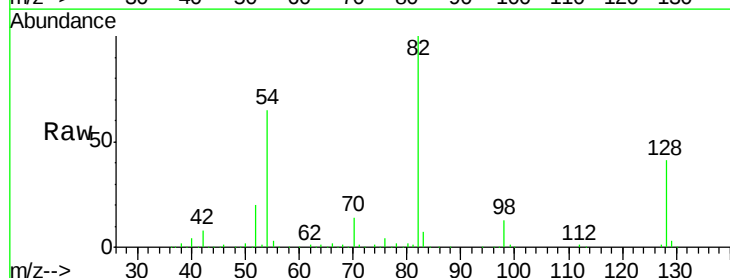
Tgt Ion: 82 Resp: 792411

Ion Ratio Lower Upper

82 100

128 41.3 31.8 47.6

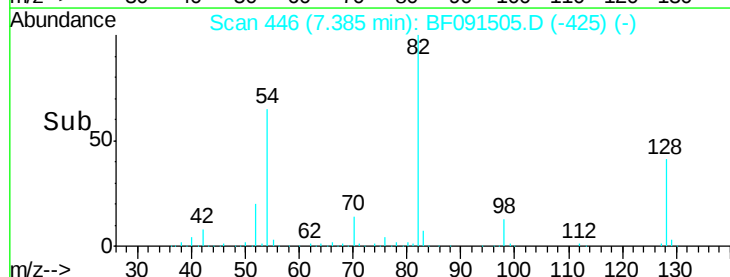
54 64.9 49.1 73.7



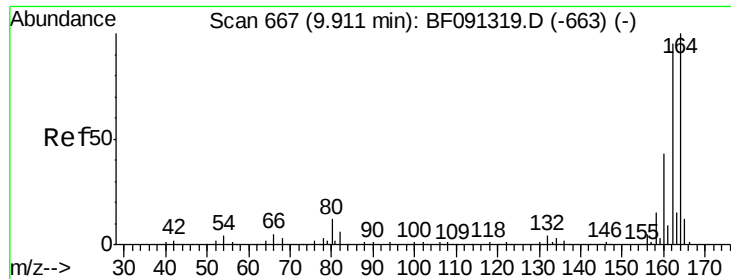
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



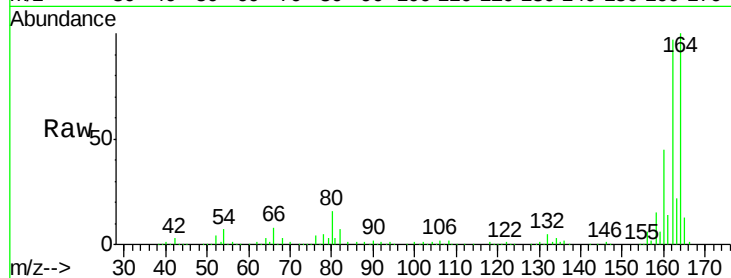
Time-->



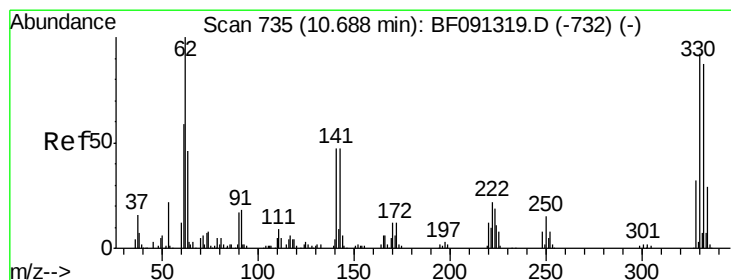
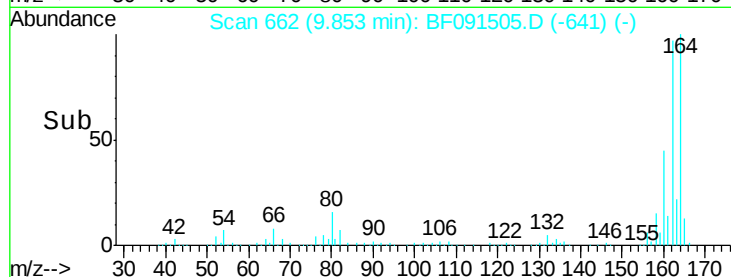
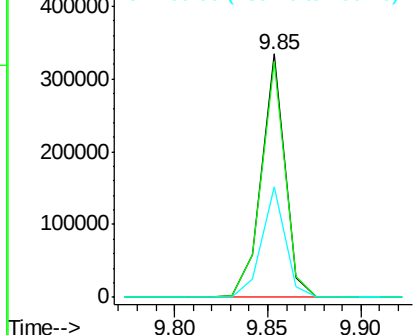
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.06 min
 Lab File: BF091505.D
 Acq: 8 Dec 2016 16:30

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-04-01

Tgt Ion:164 Resp: 290598
 Ion Ratio Lower Upper
 164 100
 162 97.1 82.6 124.0
 160 45.5 36.7 55.1

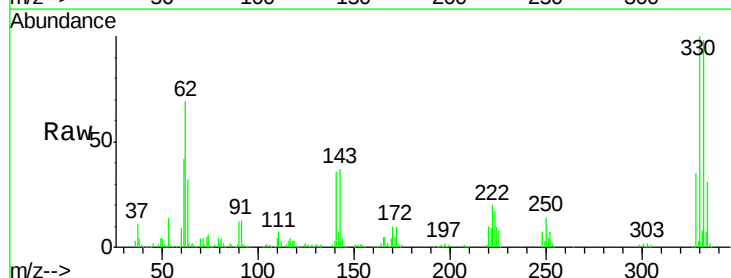


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

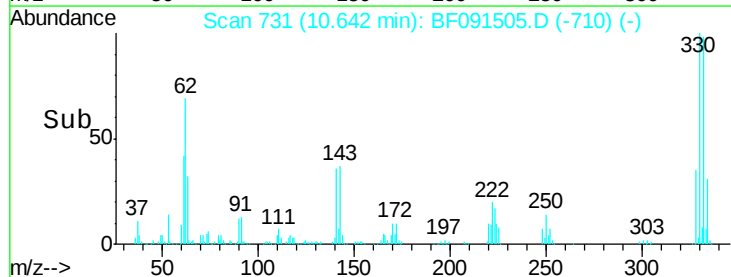
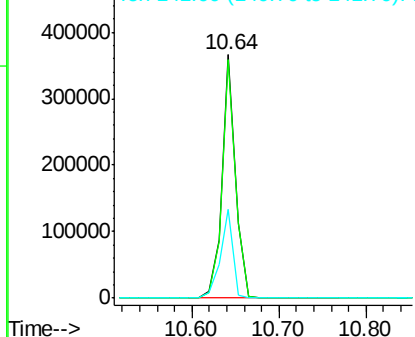


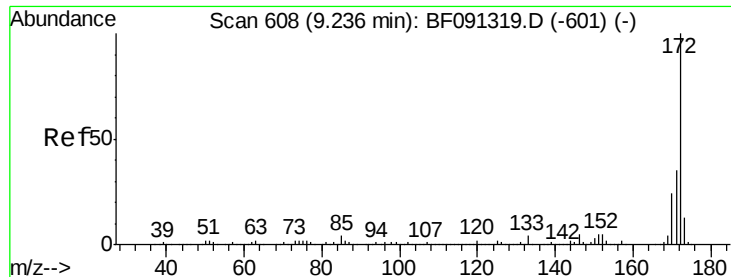
#41
 2,4,6-Tribromophenol
 Concen: 144.95 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.06 min
 Lab File: BF091505.D
 Acq: 8 Dec 2016 16:30

Tgt Ion:330 Resp: 398782
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.2 114.4
 141 33.7 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

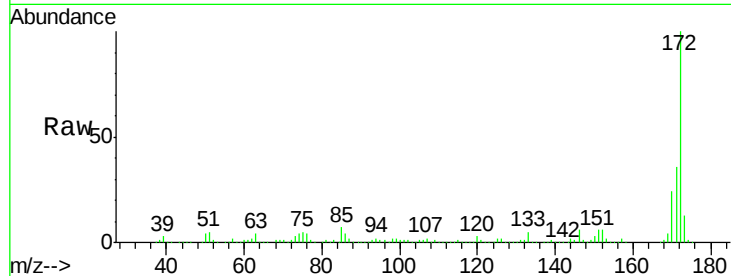




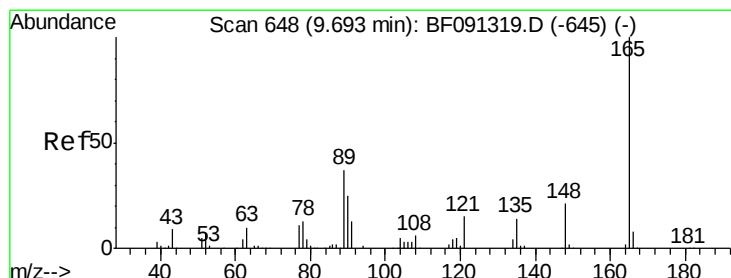
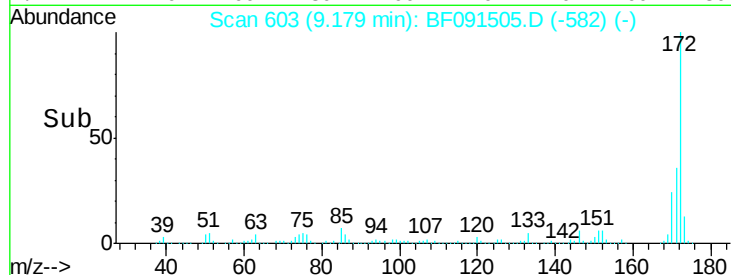
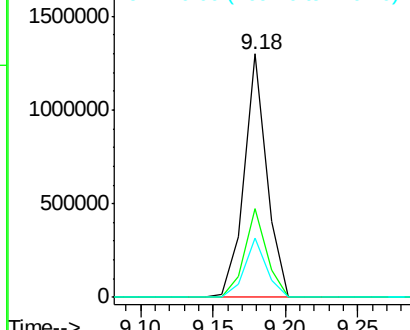
#44
2-Fluorobiphenyl
Concen: 87.51 ng
RT: 9.18 min Scan# 603
Delta R.T. -0.06 min
Lab File: BF091505.D
Acq: 8 Dec 2016 16:30

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-04-01

Tgt Ion:172 Resp: 1404538
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.4 19.7 29.5

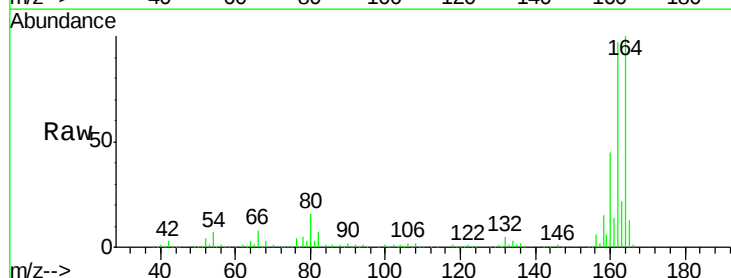


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

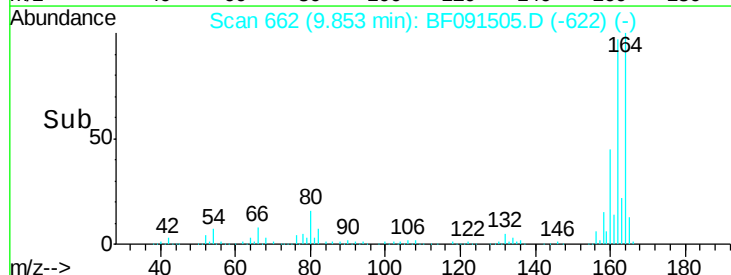
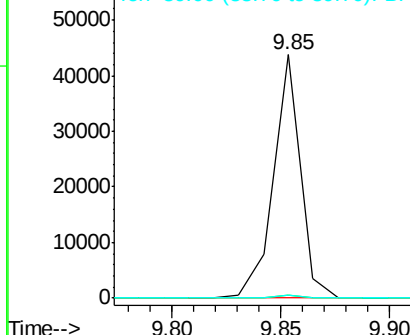


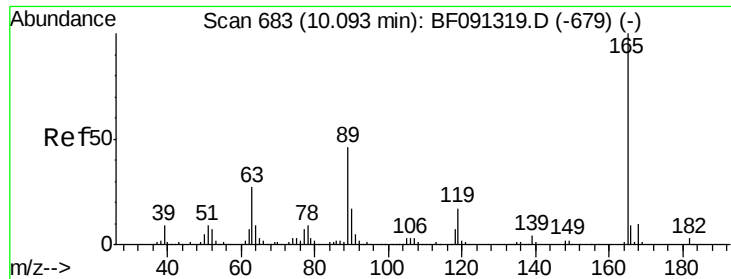
#50
2,6-Dinitrotoluene
Concen: 9.71 ng
RT: 9.85 min Scan# 662
Delta R.T. 0.15 min
Lab File: BF091505.D
Acq: 8 Dec 2016 16:30

Tgt Ion:165 Resp: 38175
Ion Ratio Lower Upper
165 100
63 1.4 59.4 89.0#
89 1.5 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

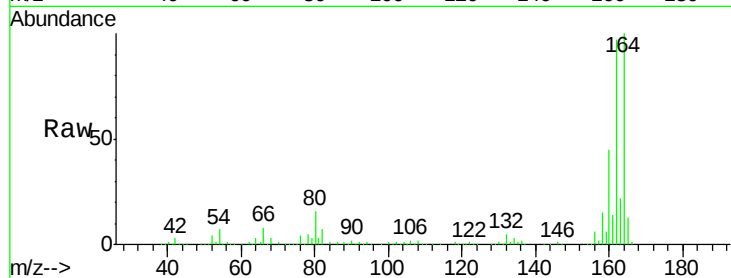




#56
 2,4-Dinitrotoluene
 Concen: 7.48 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.25 min
 Lab File: BF091505.D
 Acq: 8 Dec 2016 16:30

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-04-01

Tgt Ion:	165	Resp:	38168
Ion	Ratio	Lower	Upper
165	100		
63	1.4	29.0	43.4#
89	1.5	43.1	64.7#
182	0.0	1.9	2.9#

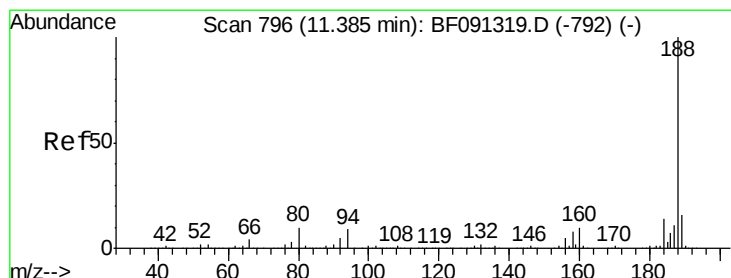
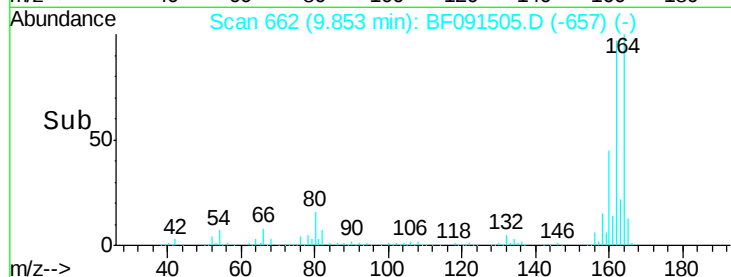
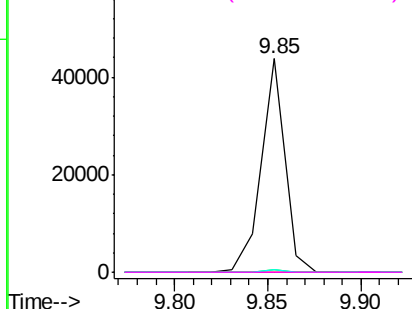


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

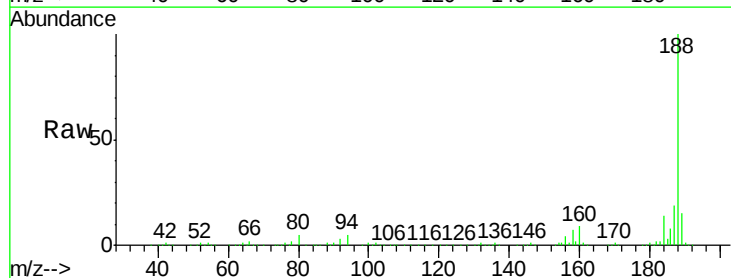
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.06 min
 Lab File: BF091505.D
 Acq: 8 Dec 2016 16:30

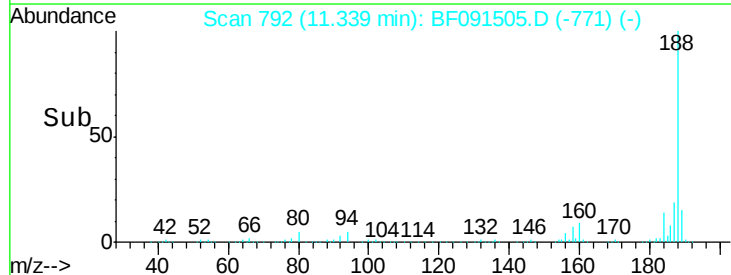
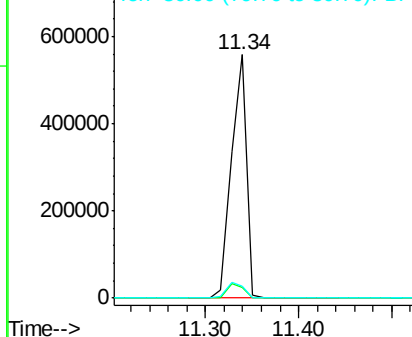
Tgt Ion:	188	Resp:	633248
Ion	Ratio	Lower	Upper
188	100		
94	4.5	9.2	13.8#
80	4.8	10.5	15.7#

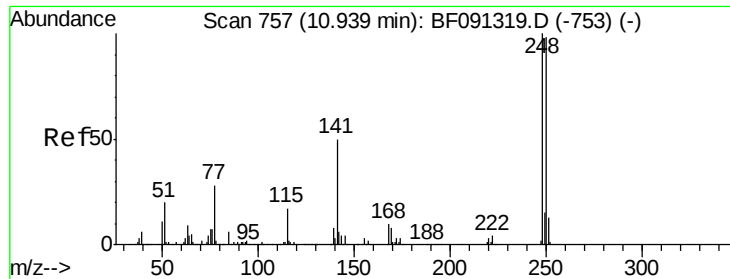


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

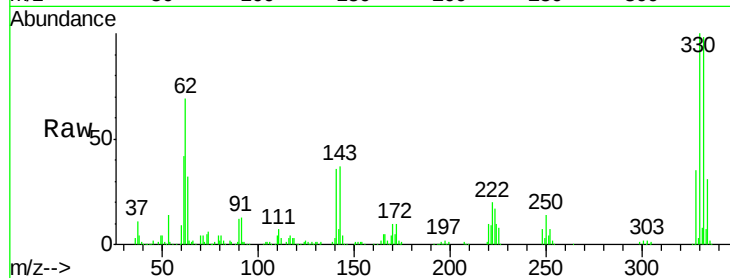




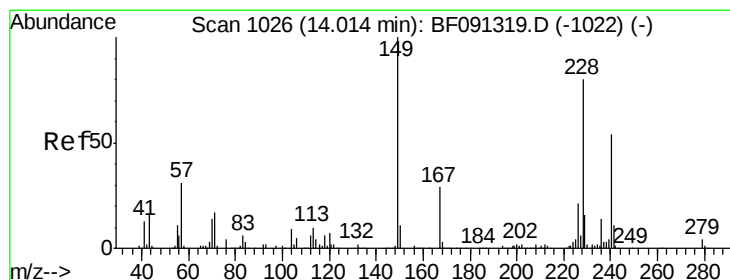
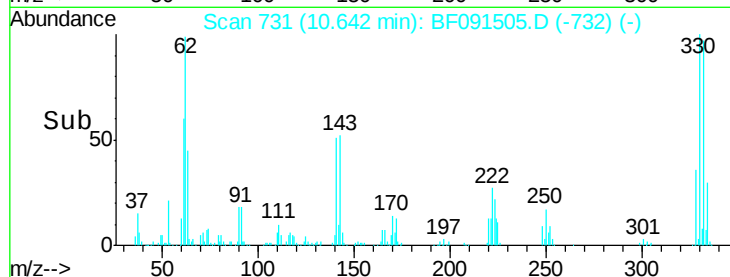
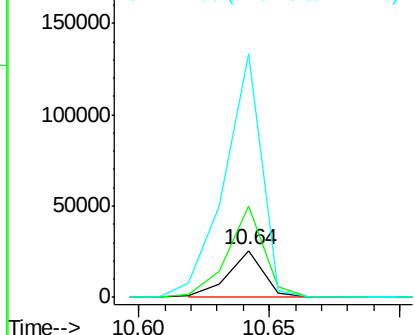
#66
4-Bromophenyl-phenylether
Concen: 3.56 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.31 min
Lab File: BF091505.D
Acq: 8 Dec 2016 16:30

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-04-01

Tgt Ion:248 Resp: 24231
Ion Ratio Lower Upper
248 100
250 196.7 78.2 117.4#
141 521.3 71.9 107.9#

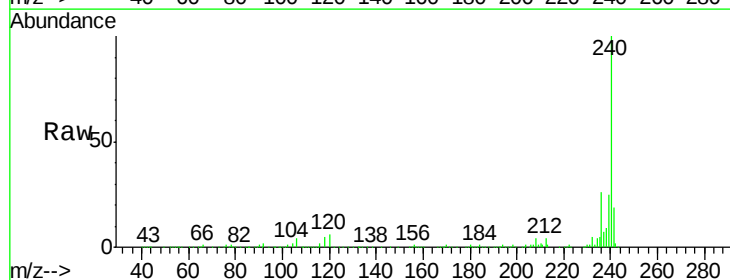


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

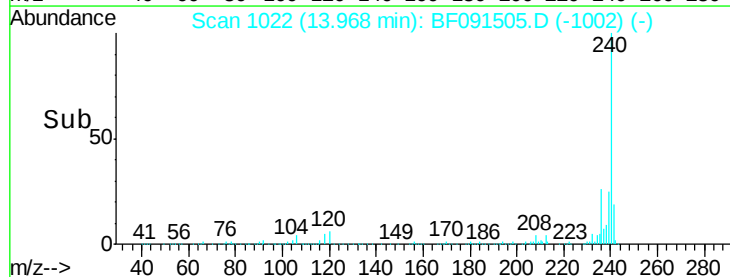
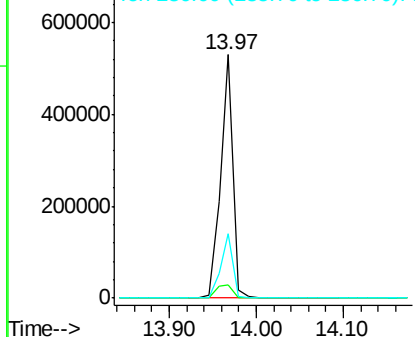


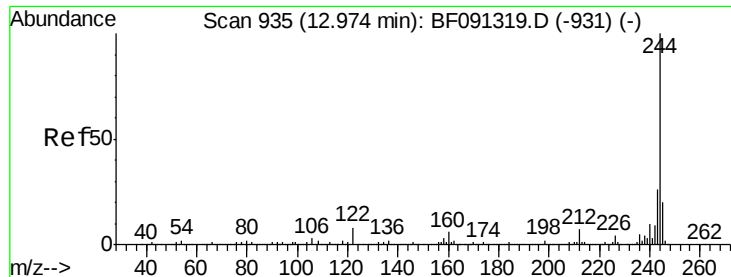
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.07 min
Lab File: BF091505.D
Acq: 8 Dec 2016 16:30

Tgt Ion:240 Resp: 528421
Ion Ratio Lower Upper
240 100
120 5.6 12.1 18.1#
236 26.3 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

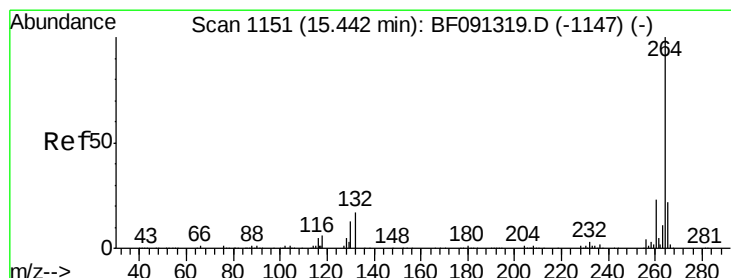
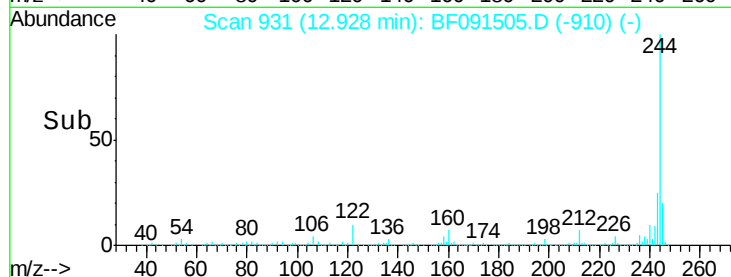
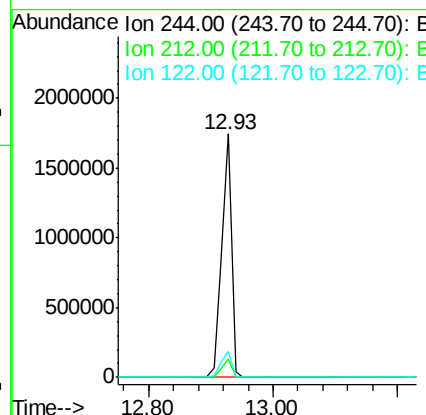
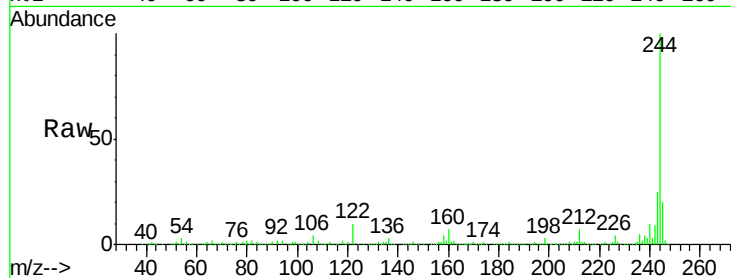




#78
 Terphenyl-d14
 Concen: 75.22 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.06 min
 Lab File: BF091505.D
 Acq: 8 Dec 2016 16:30

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-04-01

Tgt Ion:244 Resp: 1828651
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 10.5 9.5 14.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1145
 Delta R.T. -0.10 min
 Lab File: BF091505.D
 Acq: 8 Dec 2016 16:30

Tgt Ion:264 Resp: 53960
 Ion Ratio Lower Upper
 264 100
 260 35.1 18.8 28.2#
 265 21.8 17.0 25.6

