

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091508.D
 Acq On : 8 Dec 2016 17:53
 Operator : UM/SJ
 Sample : H5867-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-OF-02-01

Quant Time: Dec 09 00:07:56 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

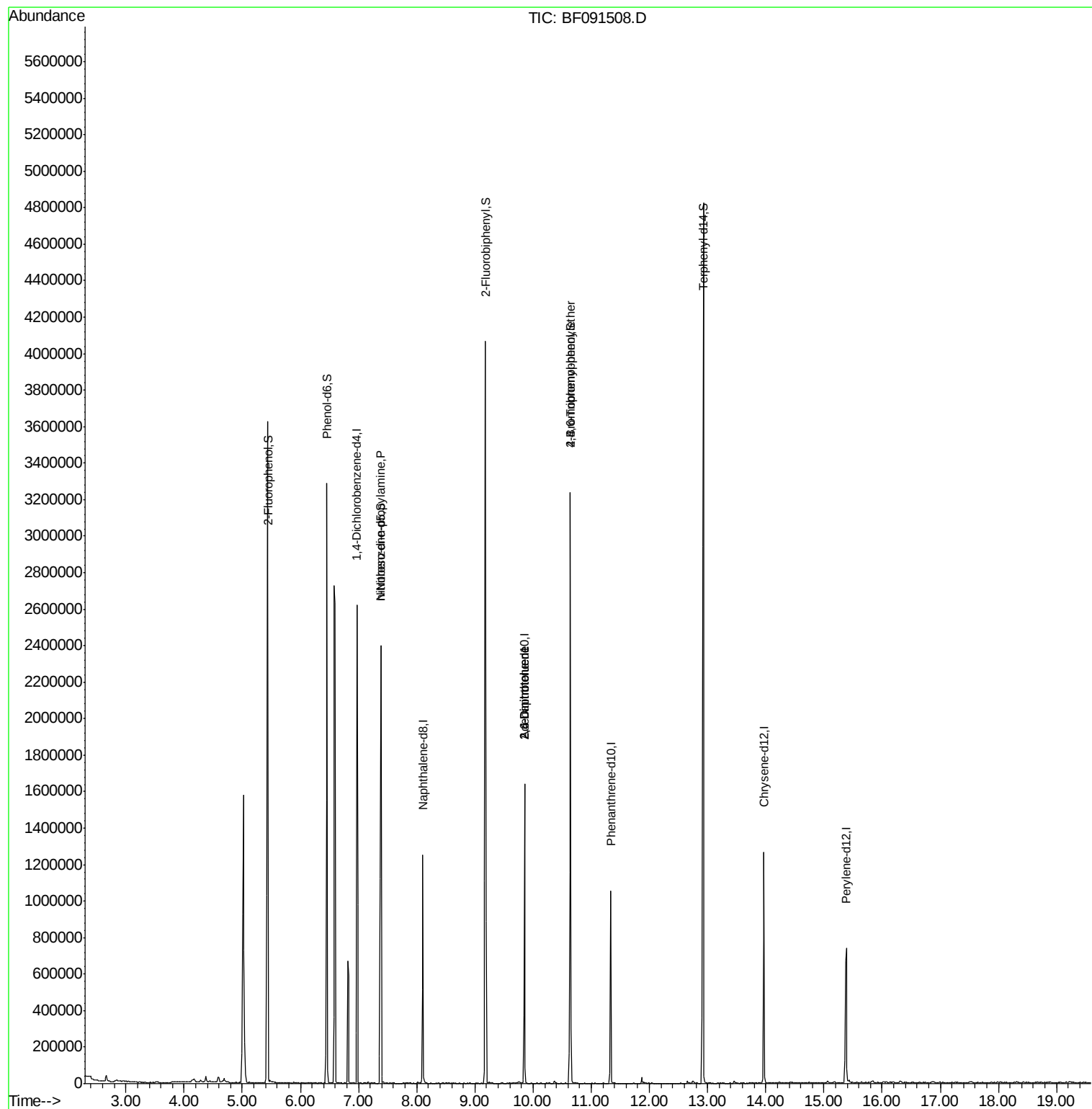
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	424719	20.00	ng	0.10
21) Naphthalene-d8	8.10	136	601955	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	359662	20.00	ng	-0.06
63) Phenanthrene-d10	11.34	188	617984	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	580978	20.00	ng	-0.07
86) Perylene-d12	15.39	264	447236	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1339984	51.54	ng	-0.03
7) Phenol-d6	6.46	99	1109678	34.67	ng	-0.04
23) Nitrobenzene-d5	7.38	82	822070	76.53	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	400279	117.56	ng	-0.06
44) 2-Fluorobiphenyl	9.18	172	1439868	72.49	ng	-0.06
78) Terphenyl-d14	12.93	244	1953180	73.07	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	113415	5.62	ng	# 71
50) 2,6-Dinitrotoluene	9.85	165	47870	9.83	ng	# 16
56) 2,4-Dinitrotoluene	9.85	165	47862	7.58	ng	# 33
66) 4-Bromophenyl-phenylether	10.64	248	25154	3.79	ng	# 1

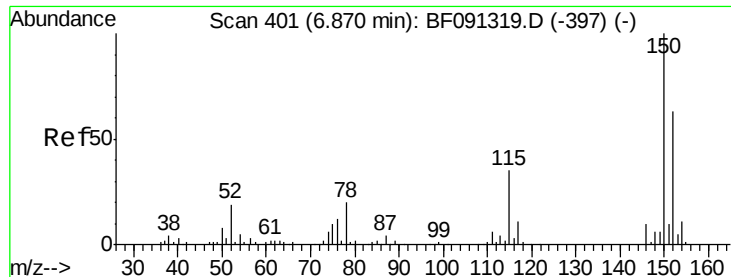
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. 0.10 min

Lab File: BF091508.D

Acq: 8 Dec 2016 17:53

Instrument :

BNA_F

ClientSampleId :

N002-WD-OF-02-01

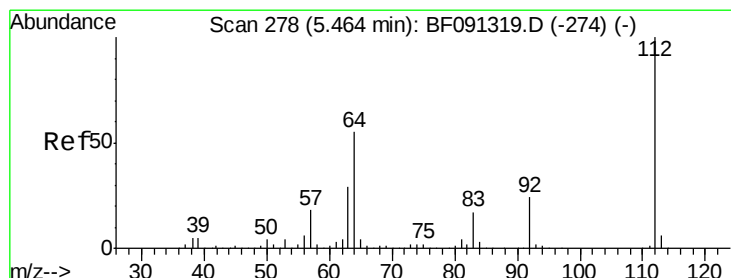
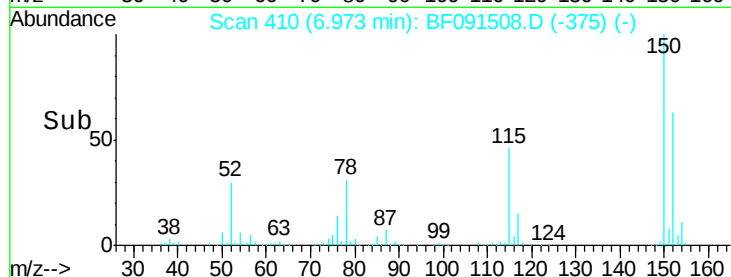
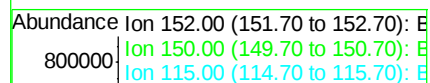
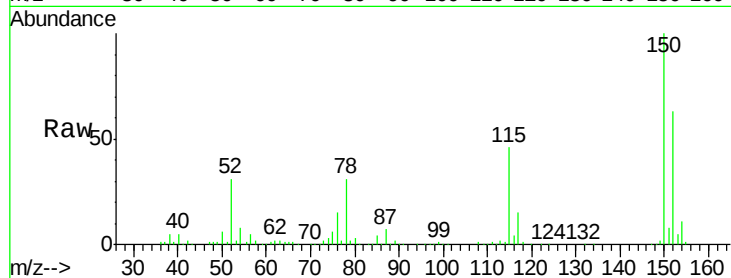
Tgt Ion:152 Resp: 424719

Ion Ratio Lower Upper

152 100

150 159.1 122.5 183.7

115 73.6 51.8 77.8



#5

2-Fluorophenol

Concen: 51.54 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF091508.D

Acq: 8 Dec 2016 17:53

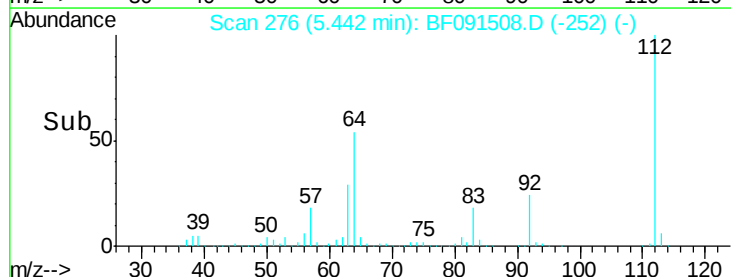
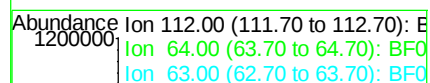
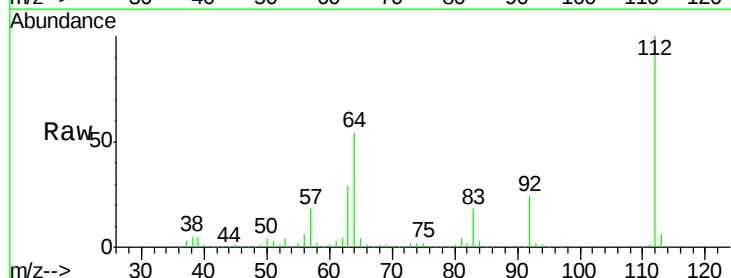
Tgt Ion:112 Resp: 1339984

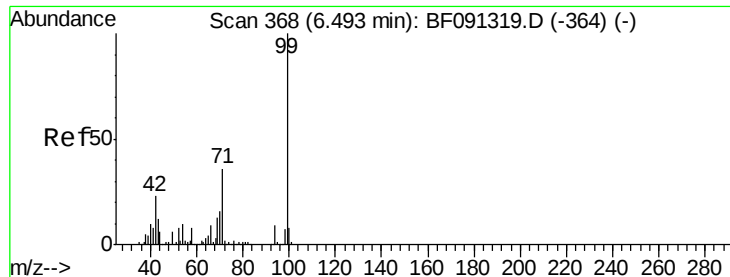
Ion Ratio Lower Upper

112 100

64 54.4 61.5 92.3#

63 28.8 33.3 49.9#





#7

Phenol-d6

Concen: 34.67 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.04 min

Lab File: BF091508.D

Acq: 8 Dec 2016 17:53

Instrument :

BNA_F

ClientSampleId :

N002-WD-OF-02-01

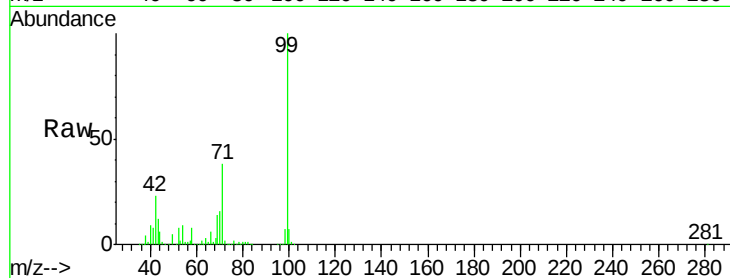
Tgt Ion: 99 Resp: 1109678

Ion Ratio Lower Upper

99 100

42 23.2 20.6 31.0

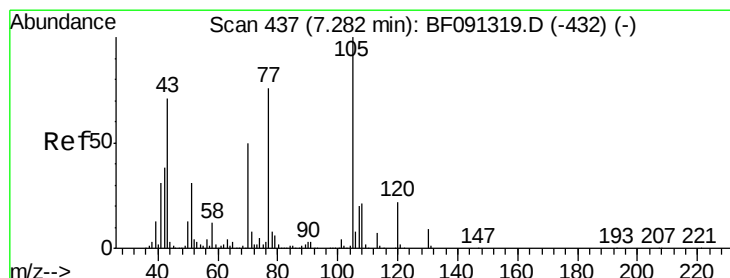
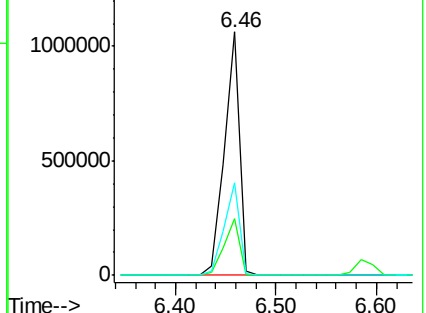
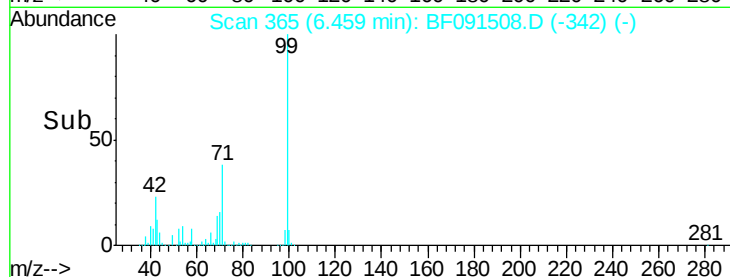
71 38.0 29.9 44.9



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.62 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.09 min

Lab File: BF091508.D

Acq: 8 Dec 2016 17:53

Tgt Ion: 70 Resp: 113415

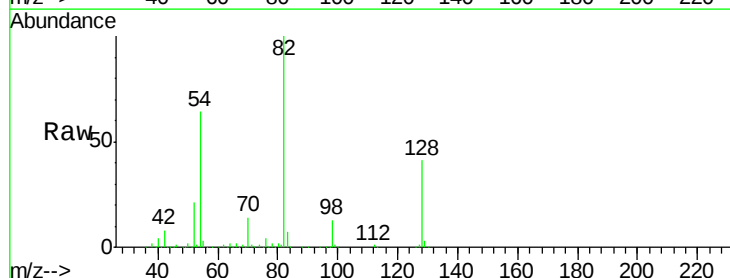
Ion Ratio Lower Upper

70 100

42 54.7 64.8 97.2#

101 0.0 6.2 9.4#

130 2.1 11.7 17.5#

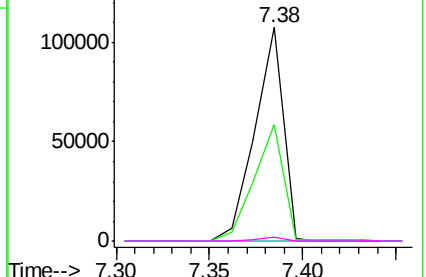
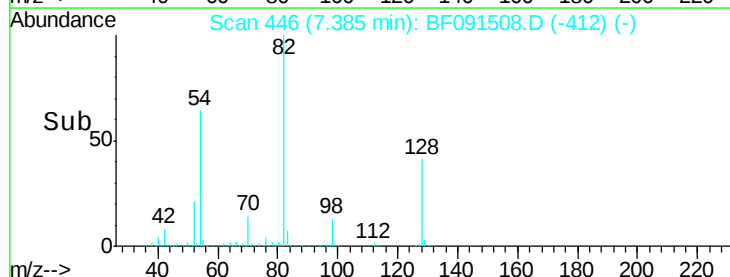


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.06 min

Lab File: BF091508.D

Acq: 8 Dec 2016 17:53

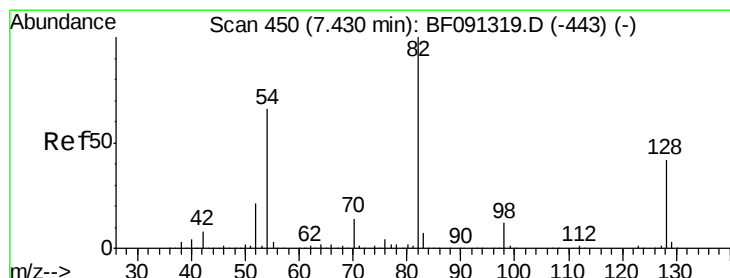
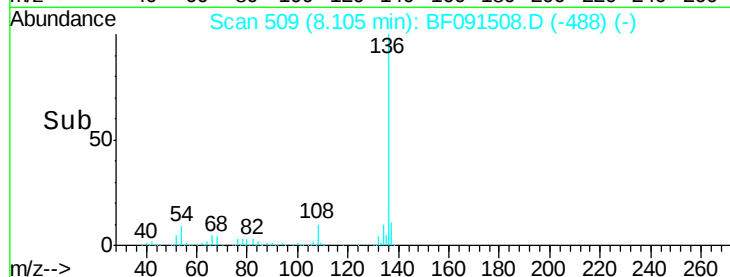
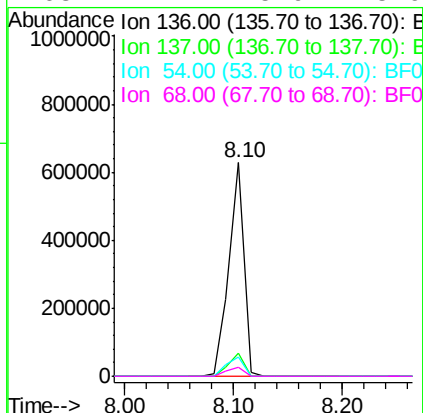
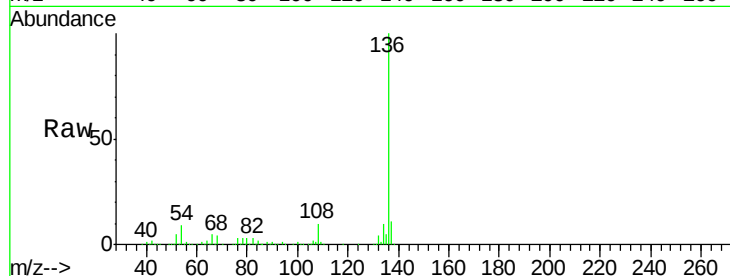
Instrument :

BNA_F

ClientSampleId :

N002-WD-OF-02-01

Tgt Ion:	136	Resp:	601955
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	9.0	9.1	13.7#
68	4.2	5.9	8.9#



#23

Nitrobenzene-d5

Concen: 76.53 ng

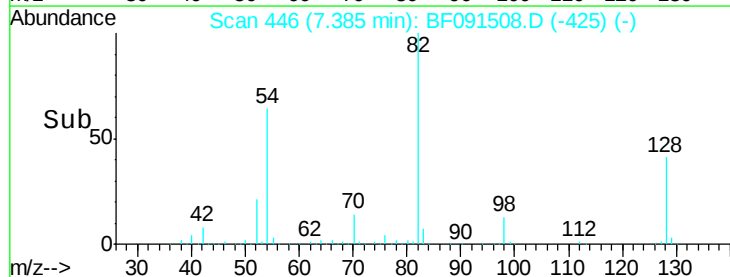
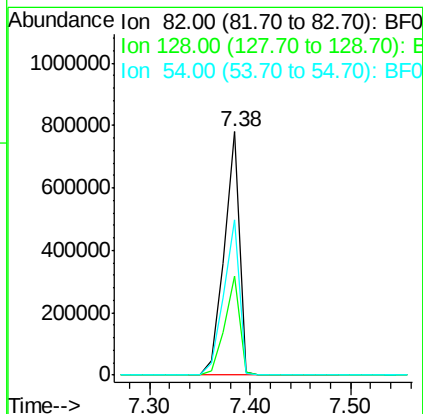
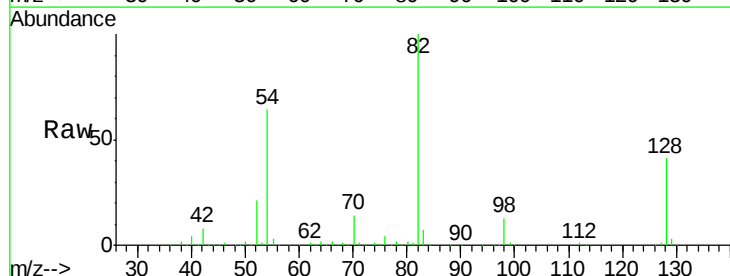
RT: 7.38 min Scan# 446

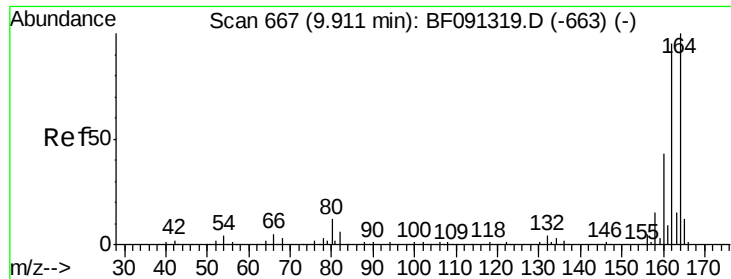
Delta R.T. -0.06 min

Lab File: BF091508.D

Acq: 8 Dec 2016 17:53

Tgt Ion:	82	Resp:	822070
Ion Ratio	Lower	Upper	
82	100		
128	40.8	31.8	47.6
54	64.0	49.1	73.7

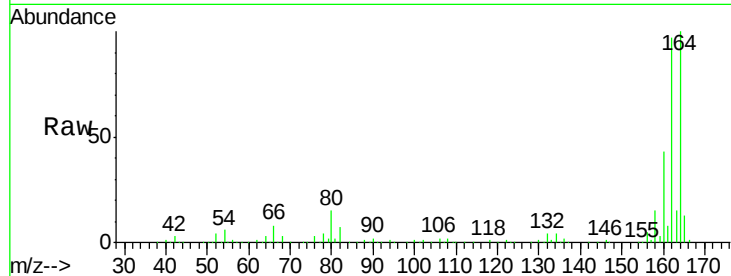




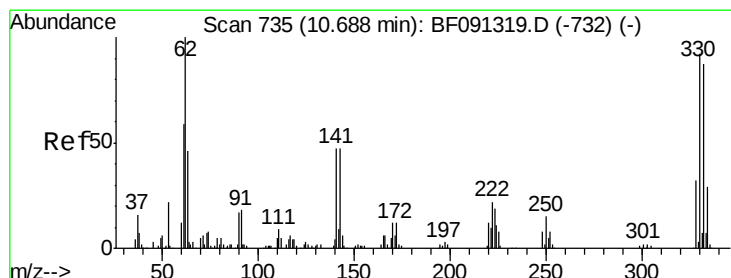
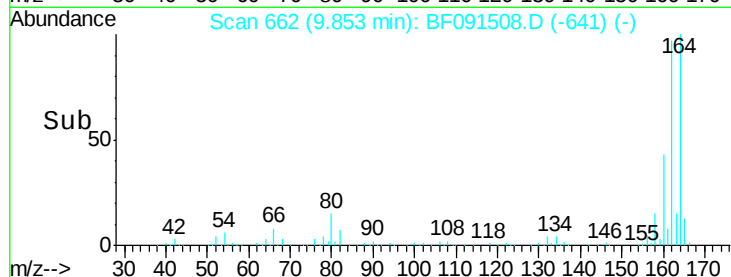
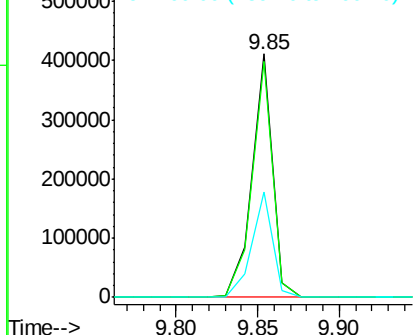
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.06 min
 Lab File: BF091508.D
 Acq: 8 Dec 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-OF-02-01

Tgt Ion:164 Resp: 359662
 Ion Ratio Lower Upper
 164 100
 162 97.0 82.6 124.0
 160 43.5 36.7 55.1

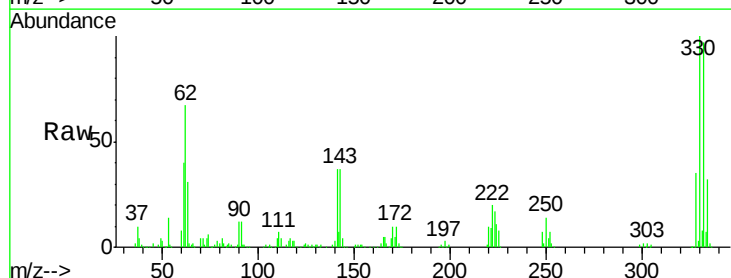


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

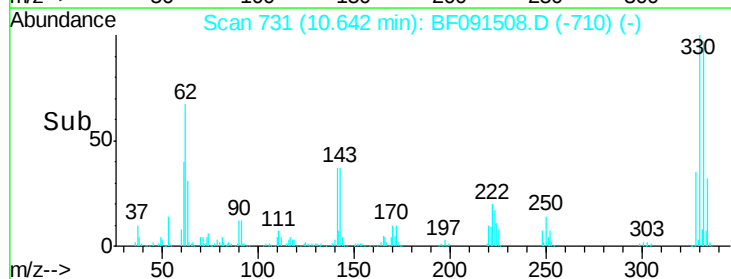
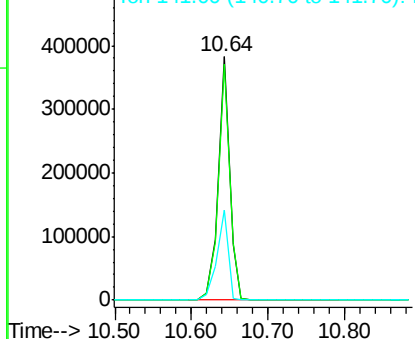


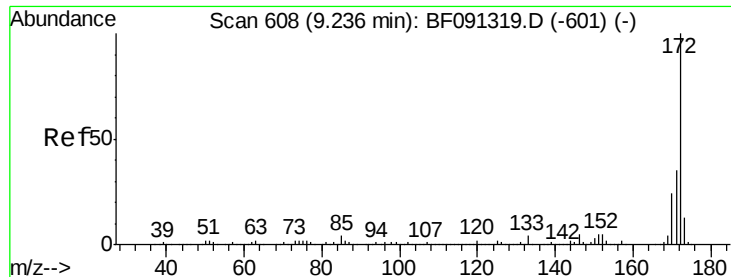
#41
 2,4,6-Tribromophenol
 Concen: 117.56 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.06 min
 Lab File: BF091508.D
 Acq: 8 Dec 2016 17:53

Tgt Ion:330 Resp: 400279
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.2 114.4
 141 35.0 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

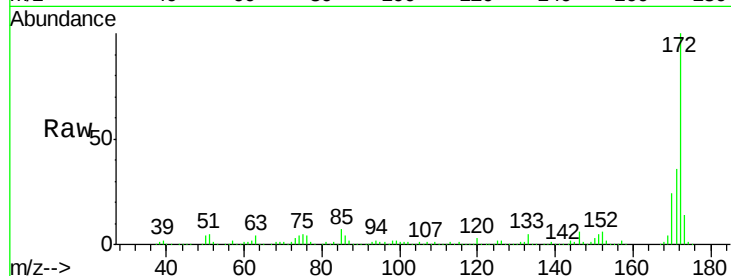




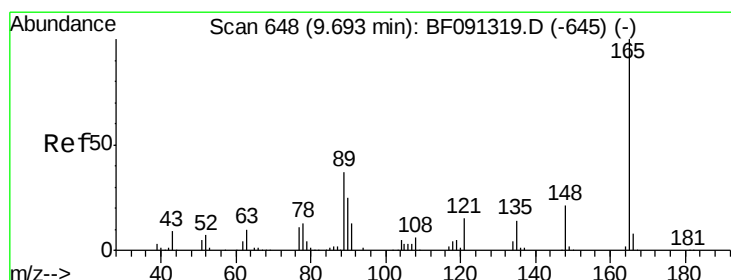
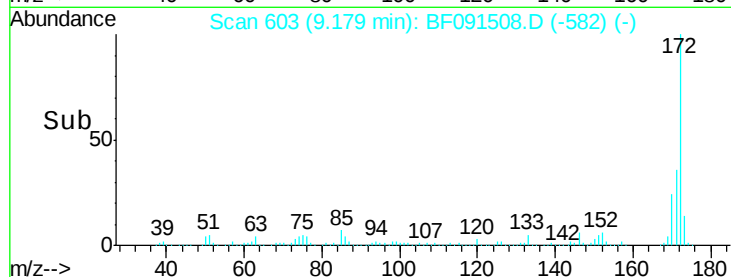
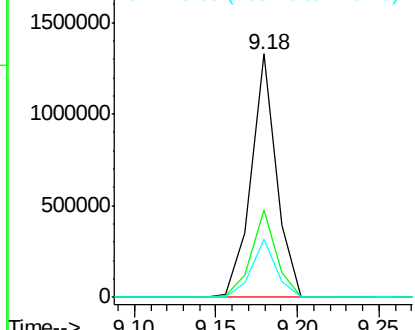
#44
 2-Fluorobiphenyl
 Concen: 72.49 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.06 min
 Lab File: BF091508.D
 Acq: 8 Dec 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-OF-02-01

Tgt Ion:172 Resp: 1439868
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 23.8 19.7 29.5

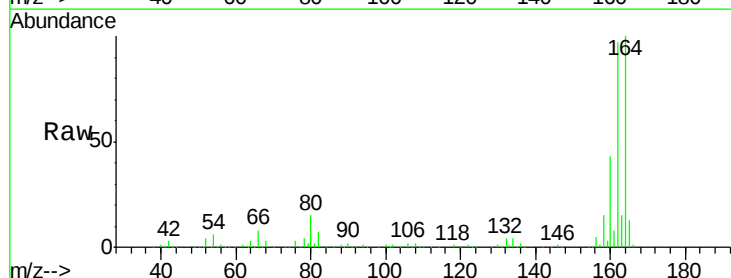


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

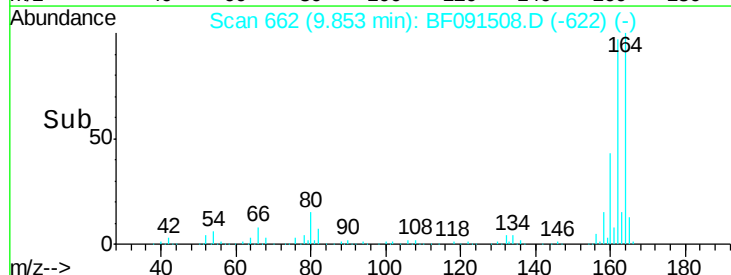
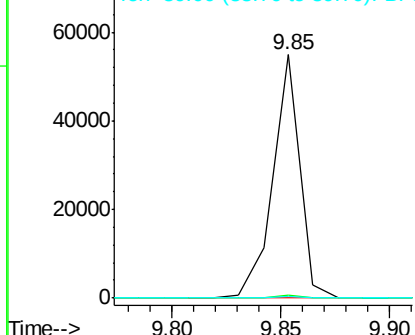


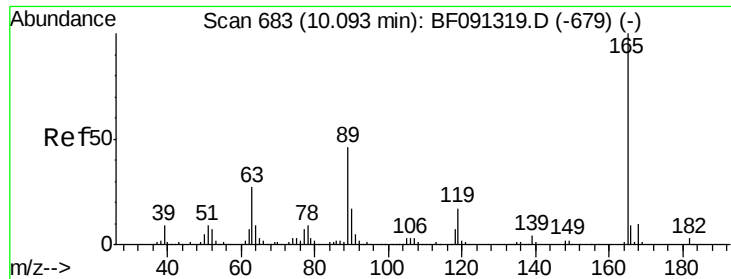
#50
 2,6-Dinitrotoluene
 Concen: 9.83 ng
 RT: 9.85 min Scan# 662
 Delta R.T. 0.15 min
 Lab File: BF091508.D
 Acq: 8 Dec 2016 17:53

Tgt Ion:165 Resp: 47870
 Ion Ratio Lower Upper
 165 100
 63 1.1 59.4 89.0#
 89 0.7 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

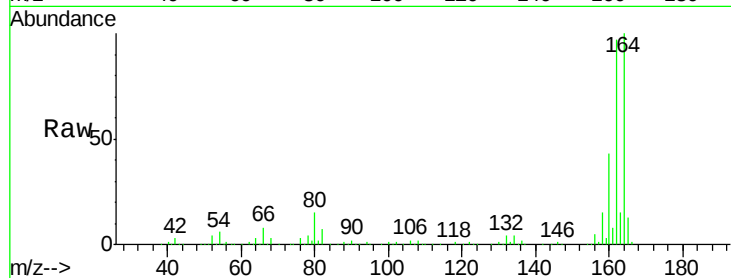




#56
 2,4-Dinitrotoluene
 Concen: 7.58 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.25 min
 Lab File: BF091508.D
 Acq: 8 Dec 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-OF-02-01

Tgt Ion:	165	Resp:	47862
Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.0	43.4#
89	0.7	43.1	64.7#
182	0.0	1.9	2.9#

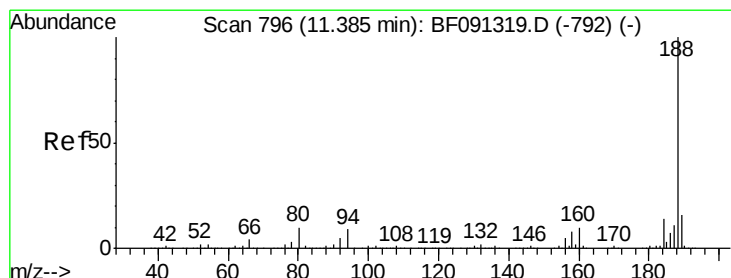
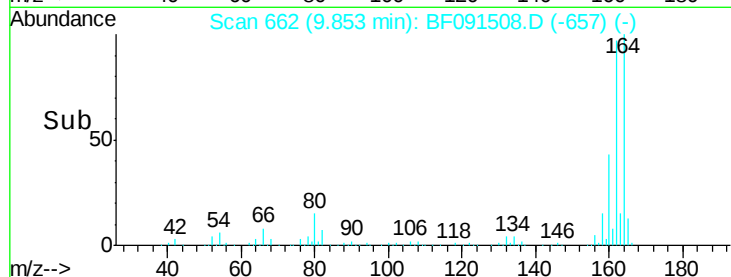
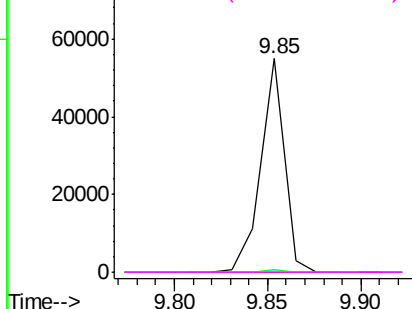


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

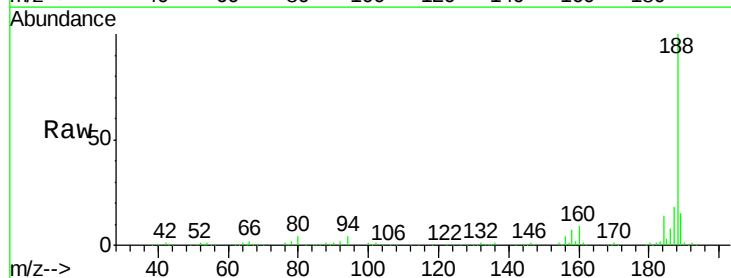
Ion 89.00 (88.70 to 89.70): BF0

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: BF091508.D
 Acq: 8 Dec 2016 17:53

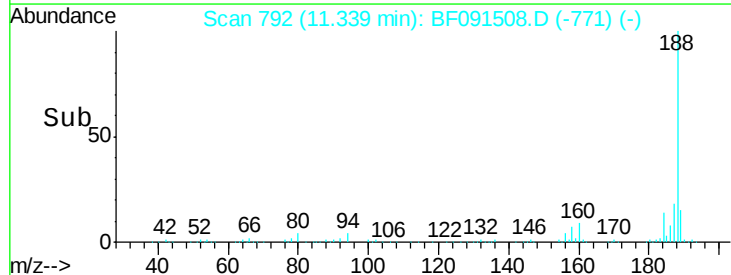
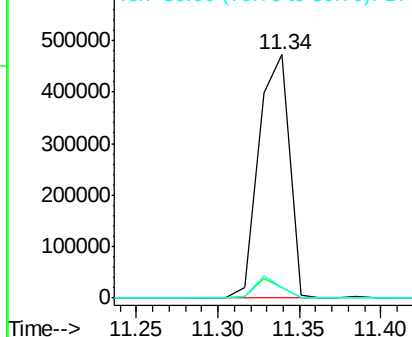
Tgt Ion:	188	Resp:	617984
Ion	Ratio	Lower	Upper
188	100		
94	4.4	9.2	13.8#
80	4.4	10.5	15.7#

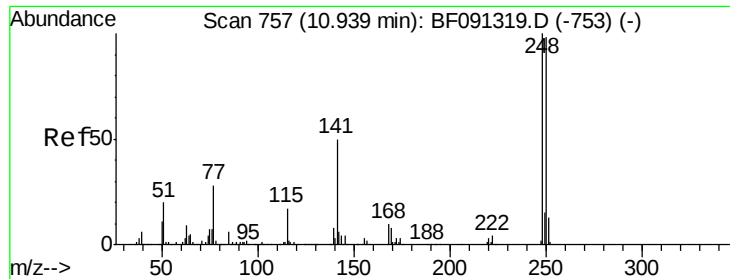


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.79 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.31 min

Lab File: BF091508.D

Acq: 8 Dec 2016 17:53

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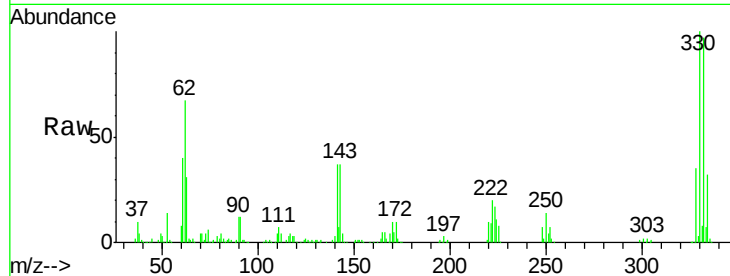
Tgt Ion:248 Resp: 25154

Ion Ratio Lower Upper

248 100

250 197.2 78.2 117.4#

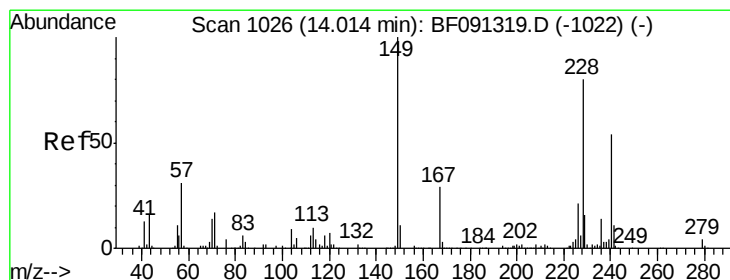
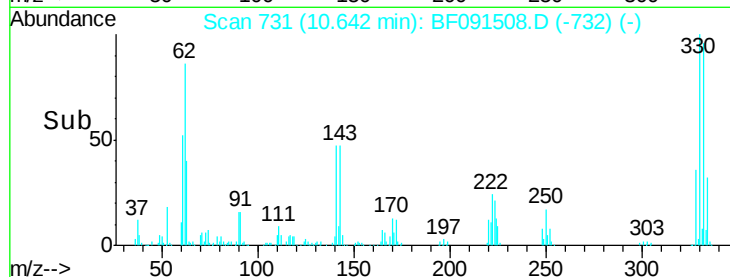
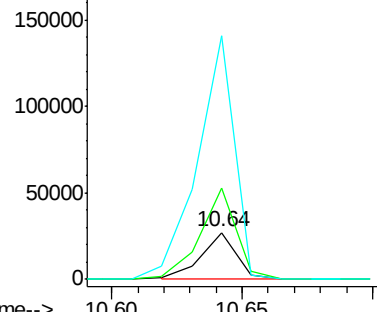
141 523.3 71.9 107.9#



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: BF091508.D

Acq: 8 Dec 2016 17:53

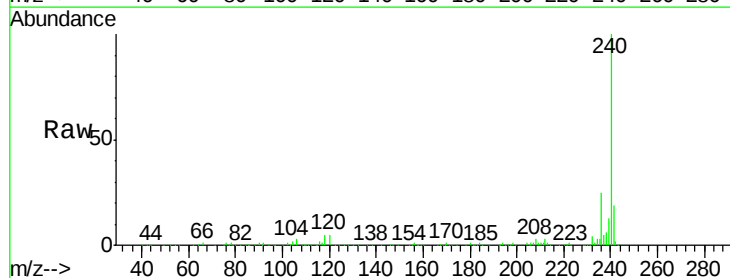
Tgt Ion:240 Resp: 580978

Ion Ratio Lower Upper

240 100

120 5.4 12.1 18.1#

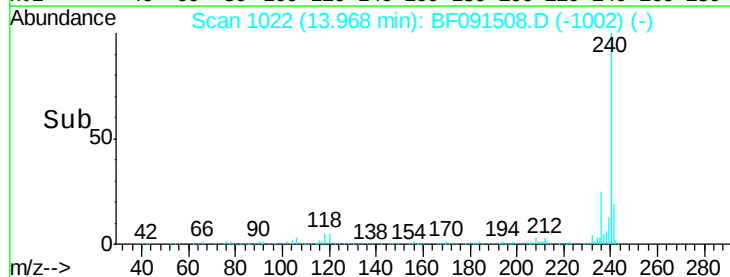
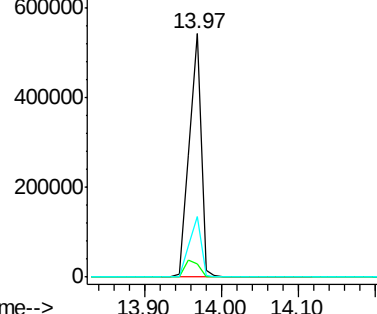
236 24.9 21.0 31.6

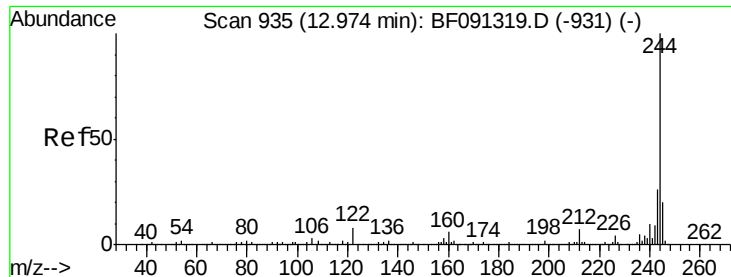


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.07 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.06 min

Lab File: BF091508.D

Acq: 8 Dec 2016 17:53

Instrument :

BNA_F

ClientSampleId :

N002-WD-OF-02-01

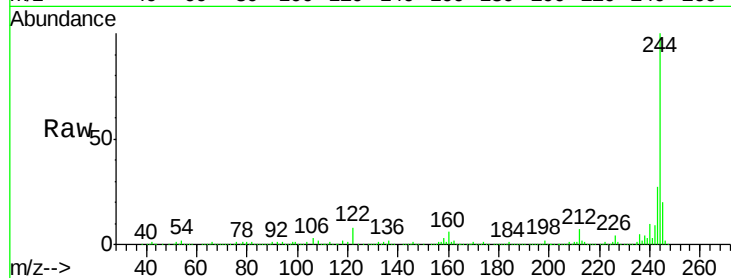
Tgt Ion:244 Resp: 1953180

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

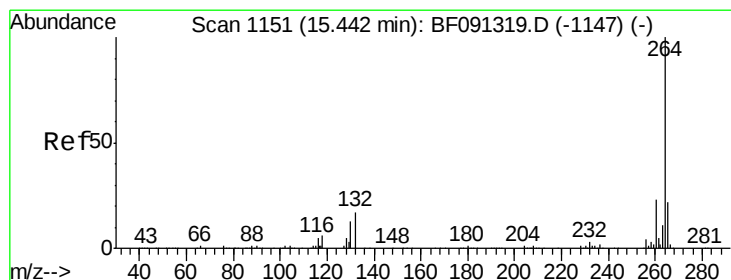
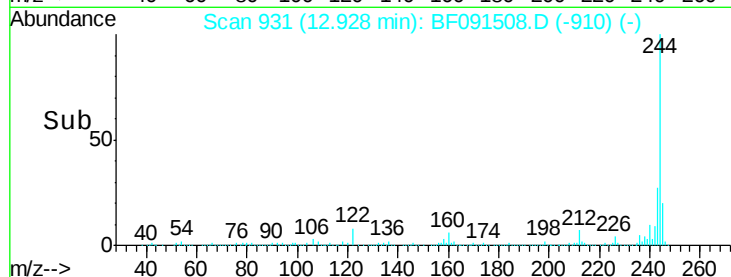
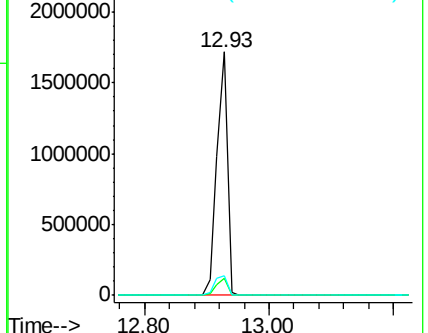
122 7.9 9.5 14.3#



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: 15.39 min Scan# 1146

Delta R.T. -0.09 min

Lab File: BF091508.D

Acq: 8 Dec 2016 17:53

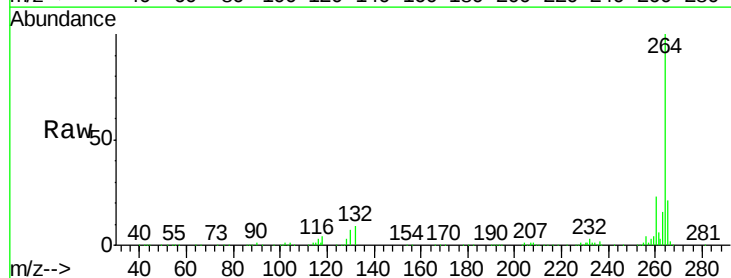
Tgt Ion:264 Resp: 447236

Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 21.2 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

