

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091509.D
 Acq On : 8 Dec 2016 18:21
 Operator : UM/SJ
 Sample : H5867-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Dec 09 00:08:08 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

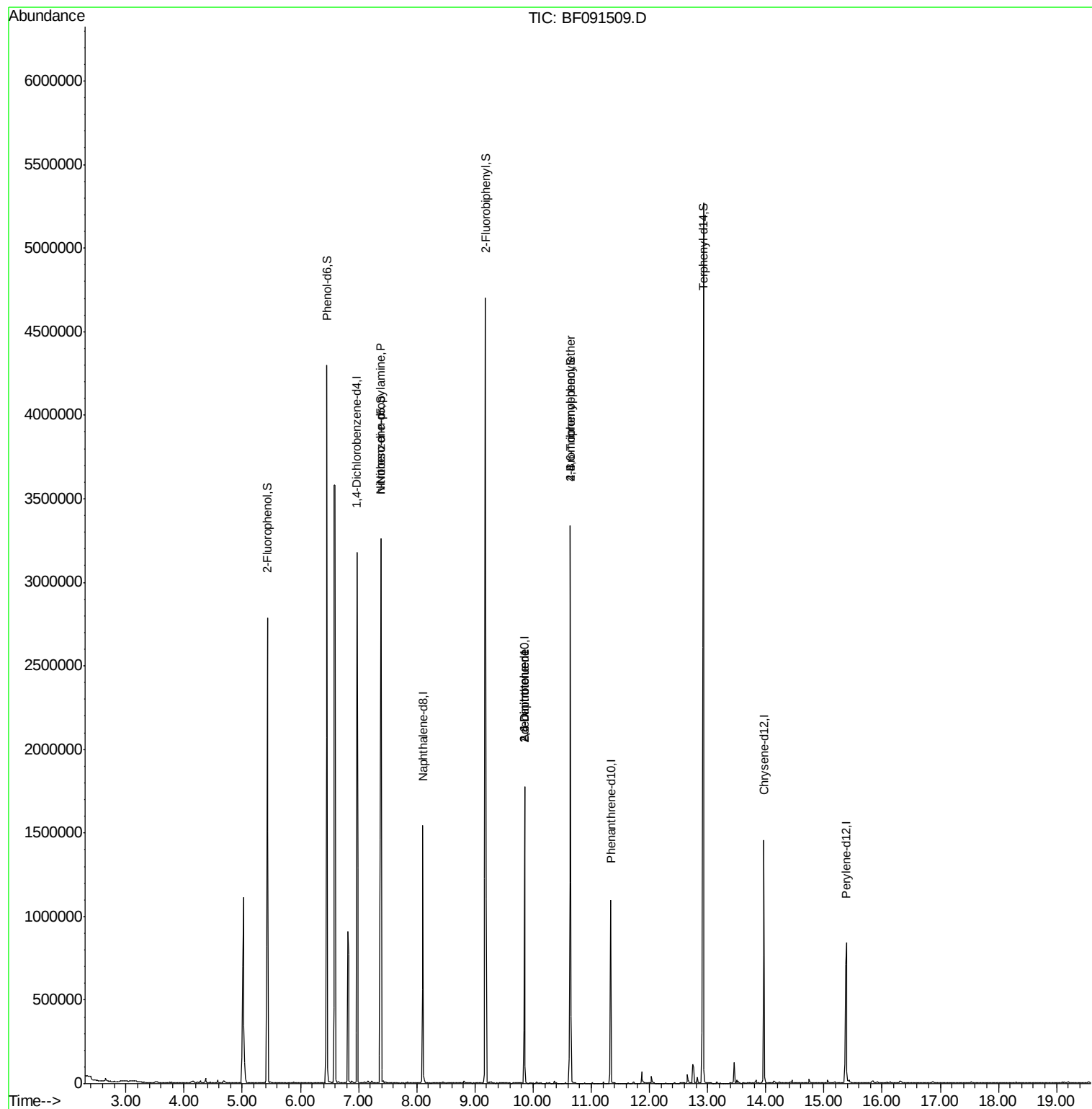
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	513219	20.00	ng	0.10
21) Naphthalene-d8	8.10	136	709002	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	372932	20.00	ng	-0.06
63) Phenanthrene-d10	11.34	188	638527	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	623742	20.00	ng	-0.07
86) Perylene-d12	15.39	264	483125	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	938419	29.87	ng	-0.04
7) Phenol-d6	6.46	99	1410448	36.47	ng	-0.04
23) Nitrobenzene-d5	7.38	82	1080983	85.44	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	428651	121.41	ng	-0.06
44) 2-Fluorobiphenyl	9.18	172	1633083	79.29	ng	-0.06
78) Terphenyl-d14	12.93	244	1914154	66.70	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	151884	6.23	ng	# 73
50) 2,6-Dinitrotoluene	9.85	165	48758	9.66	ng	# 17
56) 2,4-Dinitrotoluene	9.85	165	48760	7.45	ng	# 34
66) 4-Bromophenyl-phenylether	10.64	248	26361	3.84	ng	# 1

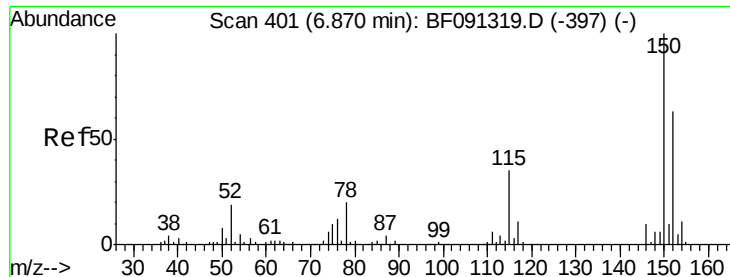
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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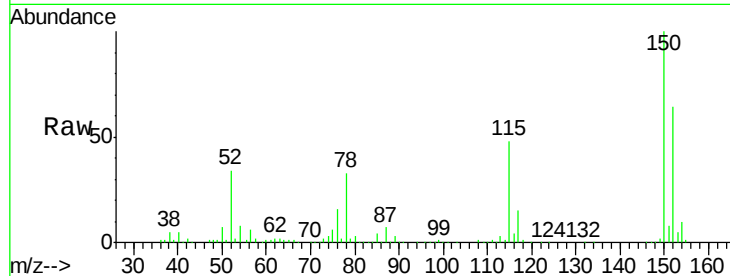


#1

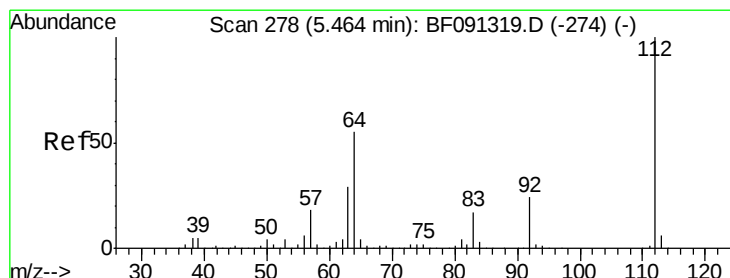
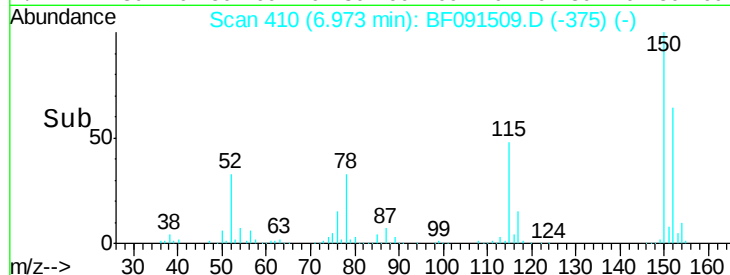
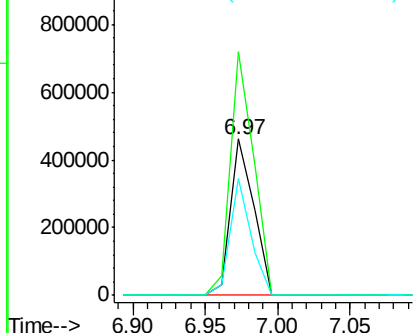
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. 0.10 min
Lab File: BF091509.D
Acq: 8 Dec 2016 18:21

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

Tgt Ion:152 Resp: 513219
Ion Ratio Lower Upper
152 100
150 156.1 122.5 183.7
115 75.3 51.8 77.8



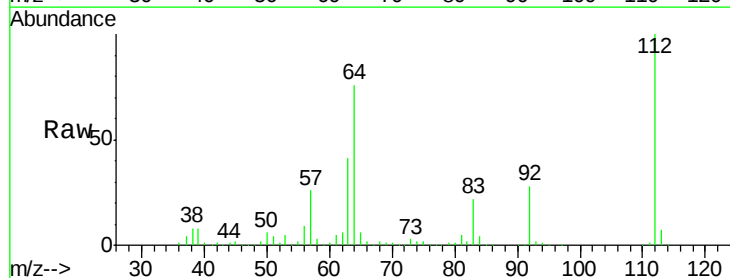
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



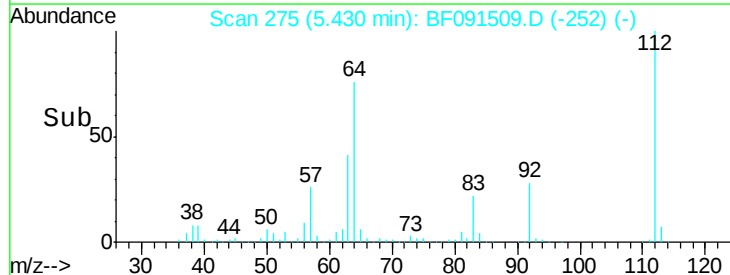
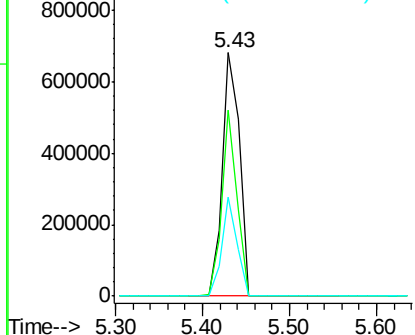
#5

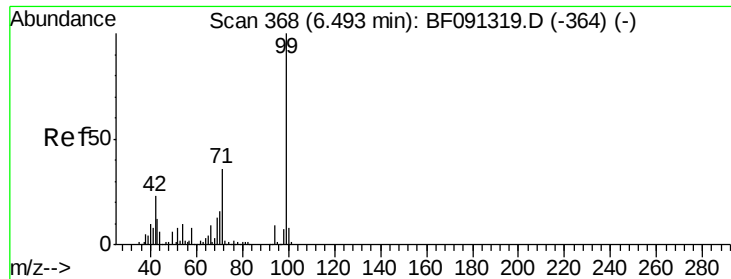
2-Fluorophenol
Concen: 29.87 ng
RT: 5.43 min Scan# 275
Delta R.T. -0.04 min
Lab File: BF091509.D
Acq: 8 Dec 2016 18:21

Tgt Ion:112 Resp: 938419
Ion Ratio Lower Upper
112 100
64 76.1 61.5 92.3
63 40.8 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: 36.47 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.04 min

Lab File: BF091509.D

Acq: 8 Dec 2016 18:21

Instrument :

BNA_F

ClientSampleId :

N002-WD-OF-01-01

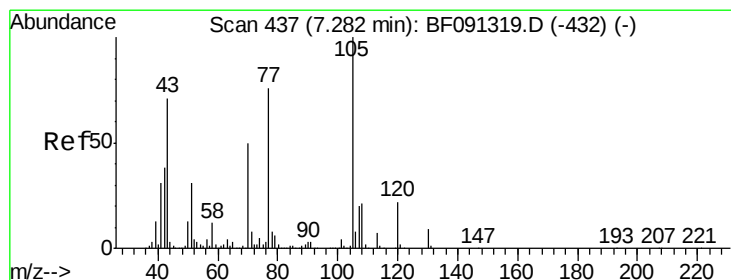
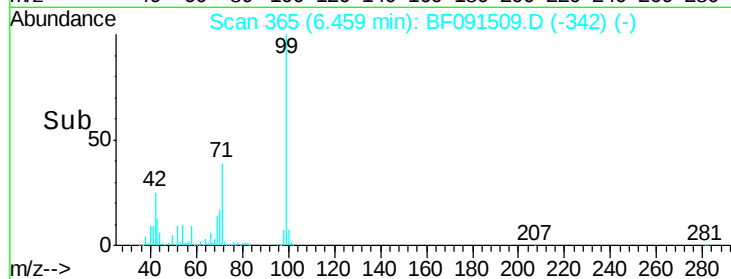
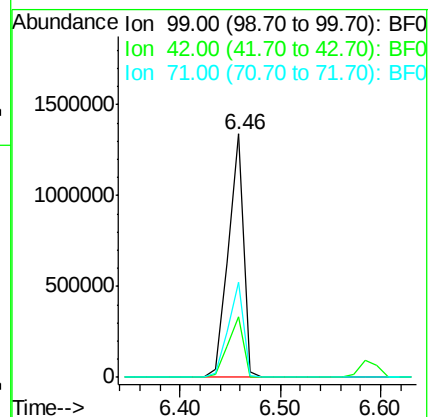
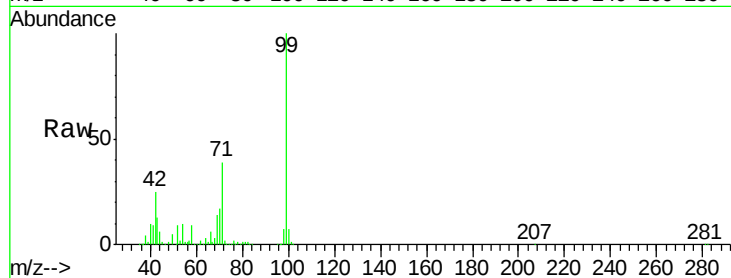
Tgt Ion: 99 Resp: 1410448

Ion Ratio Lower Upper

99 100

42 24.9 20.6 31.0

71 39.1 29.9 44.9



#19

n-Nitroso-di-n-propylamine

Concen: 6.23 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.09 min

Lab File: BF091509.D

Acq: 8 Dec 2016 18:21

Tgt Ion: 70 Resp: 151884

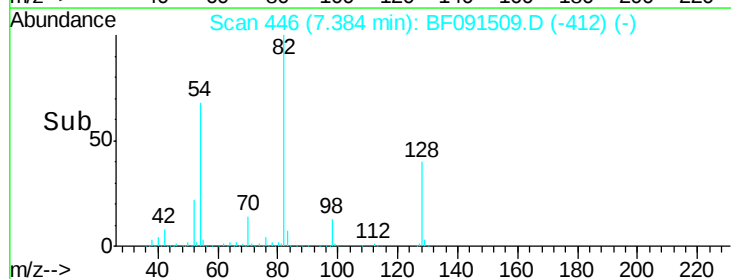
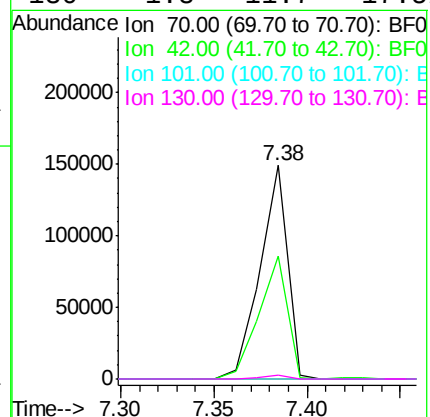
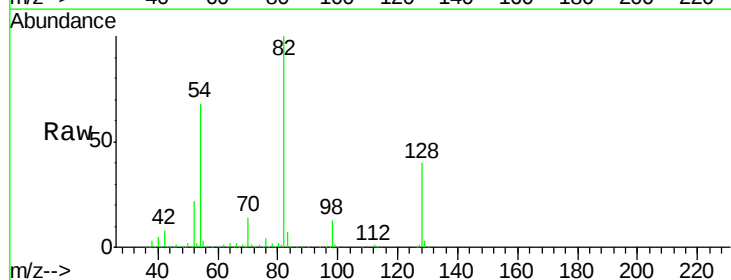
Ion Ratio Lower Upper

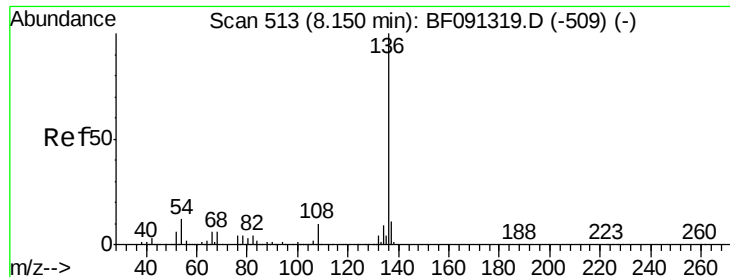
70 100

42 57.3 64.8 97.2#

101 0.0 6.2 9.4#

130 1.8 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: BF091509.D

Acq: 8 Dec 2016 18:21

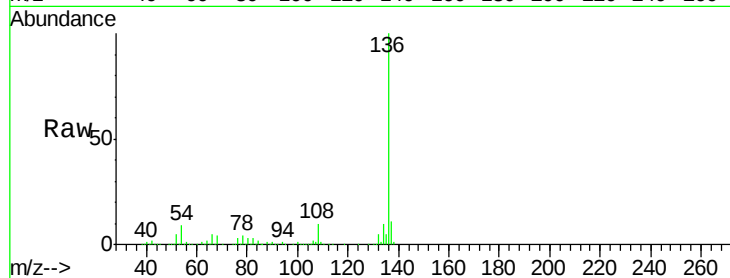
Instrument :

BNA_F

ClientSampleId :

N002-WD-OF-01-01

Tgt Ion:	136	Resp:	709002
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.5	9.1	13.7
68	4.3	5.9	8.9#



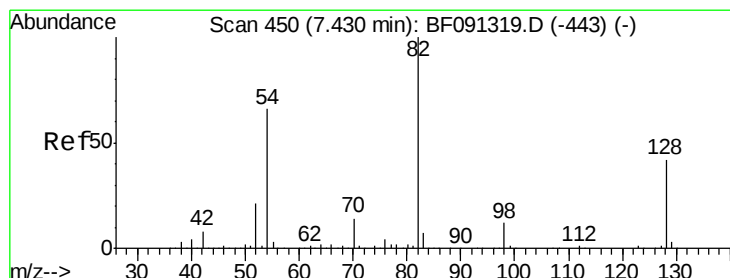
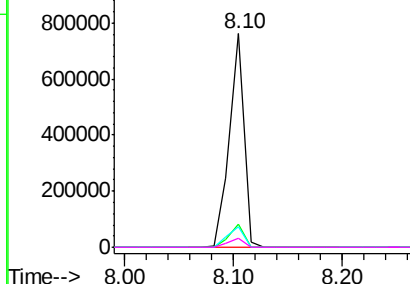
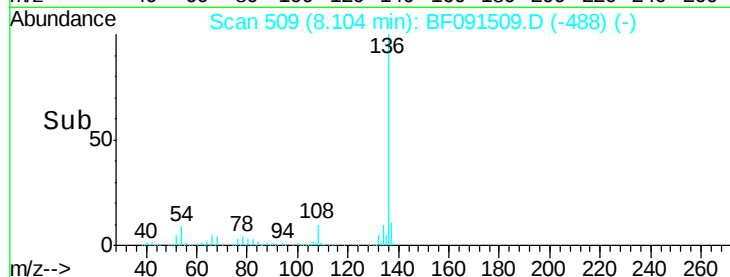
Abundance

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



#23

Nitrobenzene-d5

Concen: 85.44 ng

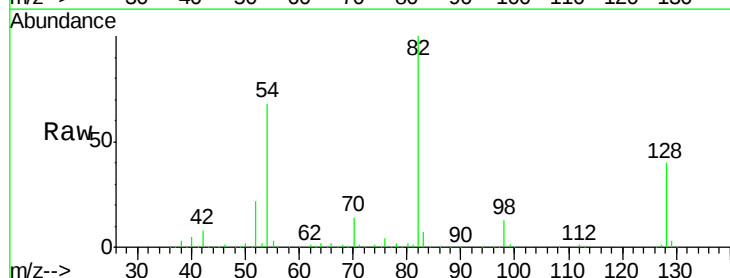
RT: 7.38 min Scan# 446

Delta R.T. -0.06 min

Lab File: BF091509.D

Acq: 8 Dec 2016 18:21

Tgt Ion:	82	Resp:	1080983
Ion	Ratio	Lower	Upper
82	100		
128	39.8	31.8	47.6
54	68.1	49.1	73.7

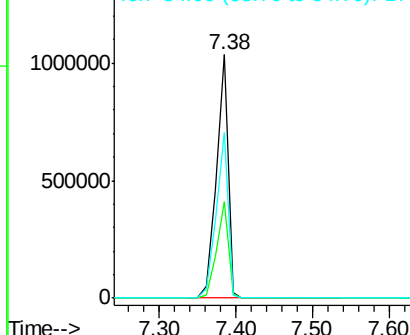
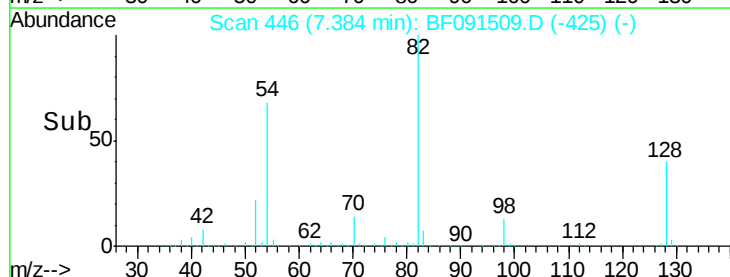


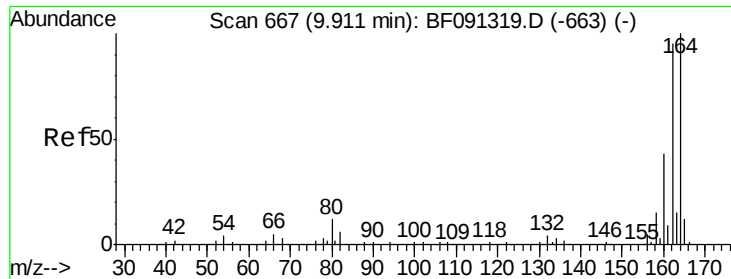
Abundance

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

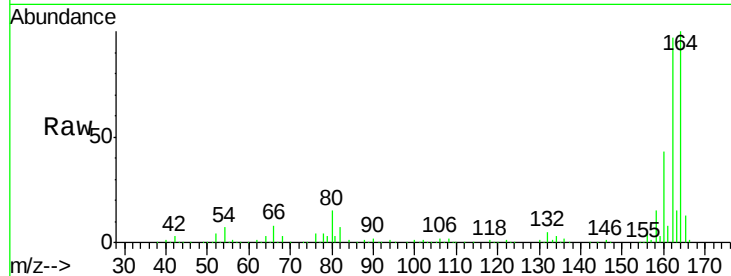




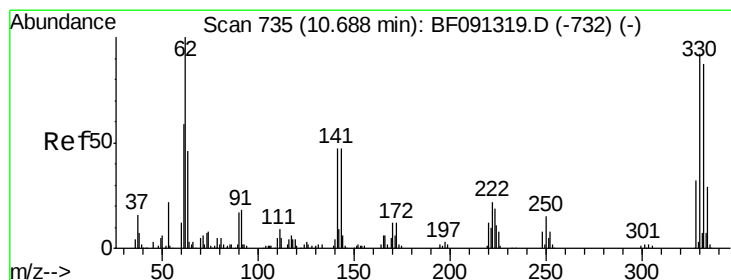
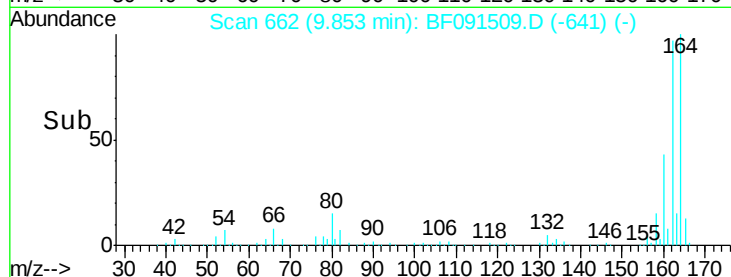
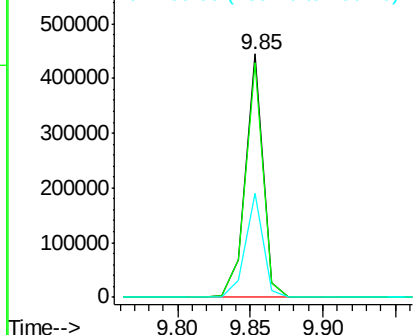
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.06 min
Lab File: BF091509.D
Acq: 8 Dec 2016 18:21

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

Tgt Ion:164 Resp: 372932
Ion Ratio Lower Upper
164 100
162 96.5 82.6 124.0
160 42.8 36.7 55.1

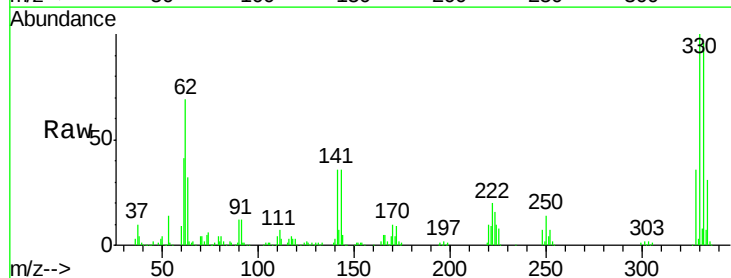


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

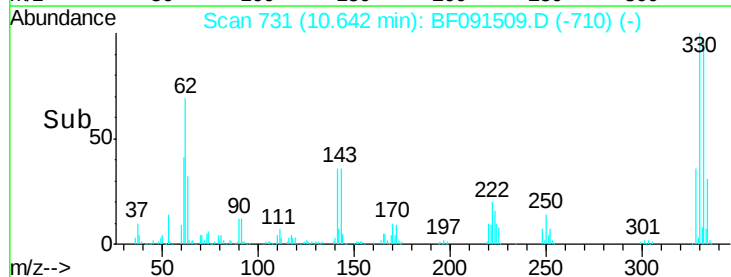
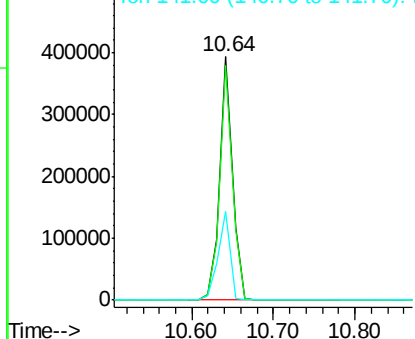


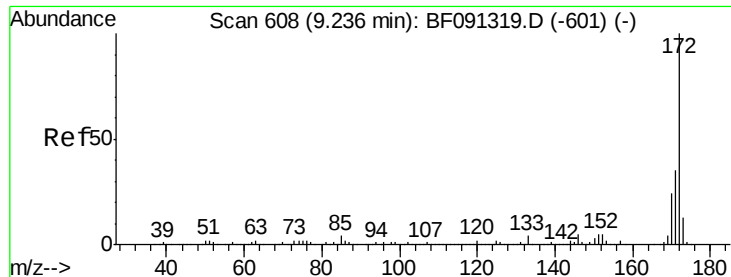
#41
2,4,6-Tribromophenol
Concen: 121.41 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.06 min
Lab File: BF091509.D
Acq: 8 Dec 2016 18:21

Tgt Ion:330 Resp: 428651
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 34.2 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

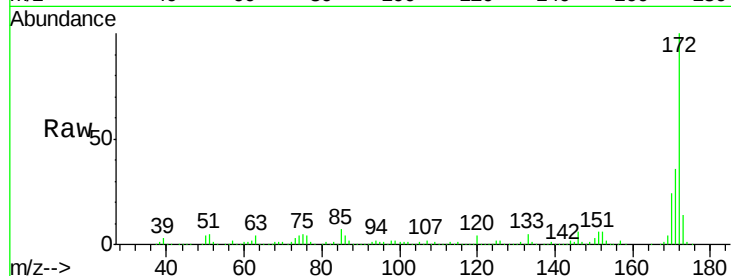




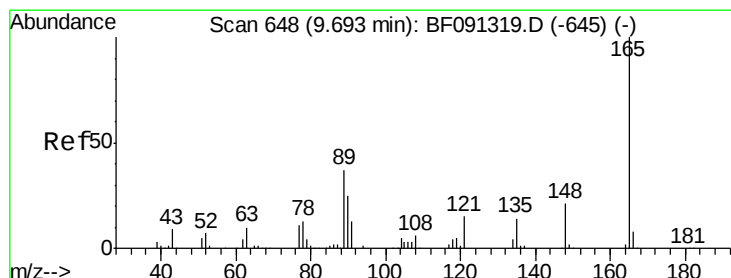
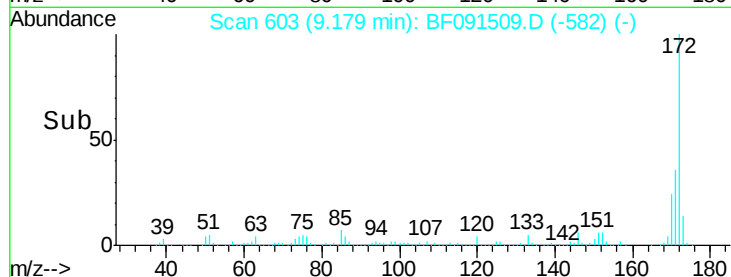
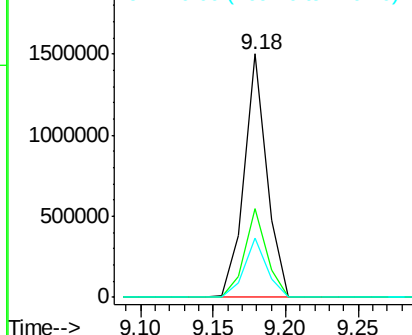
#44
 2-Fluorobiphenyl
 Concen: 79.29 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.06 min
 Lab File: BF091509.D
 Acq: 8 Dec 2016 18:21

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

Tgt Ion:172 Resp: 1633083
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.3 19.7 29.5

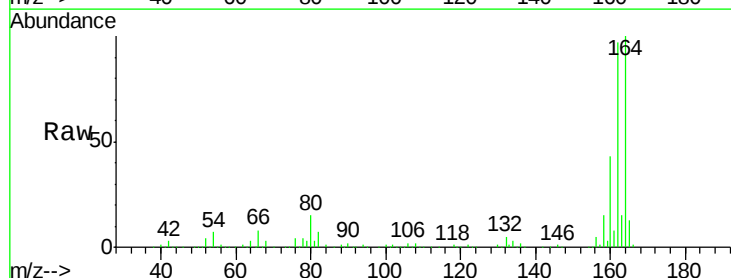


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

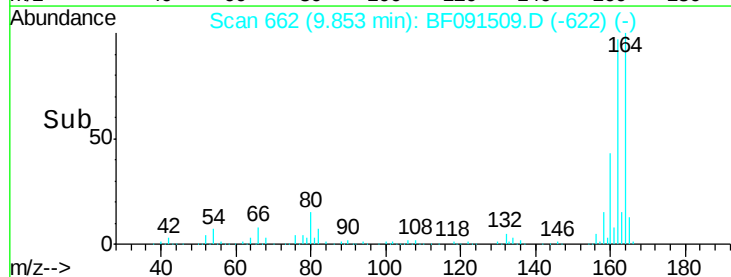
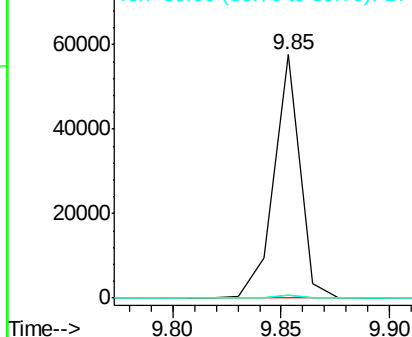


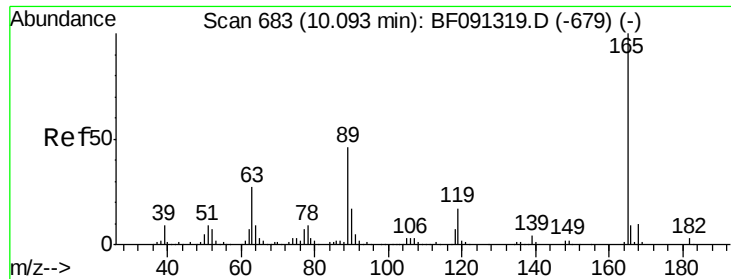
#50
 2,6-Dinitrotoluene
 Concen: 9.66 ng
 RT: 9.85 min Scan# 662
 Delta R.T. 0.15 min
 Lab File: BF091509.D
 Acq: 8 Dec 2016 18:21

Tgt Ion:165 Resp: 48758
 Ion Ratio Lower Upper
 165 100
 63 1.3 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

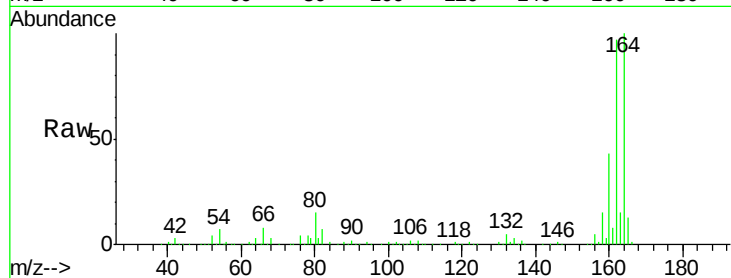




#56
 2,4-Dinitrotoluene
 Concen: 7.45 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.25 min
 Lab File: BF091509.D
 Acq: 8 Dec 2016 18:21

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

Tgt Ion:	165	Resp:	48760
Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.0	43.4#
89	1.0	43.1	64.7#
182	0.0	1.9	2.9#

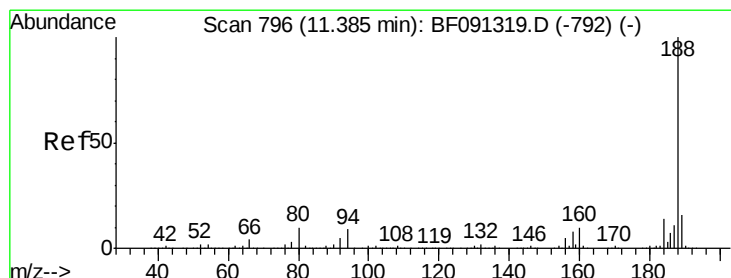
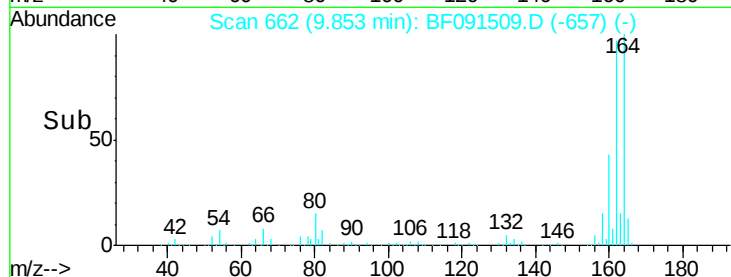
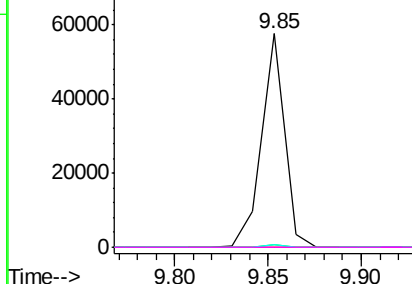


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

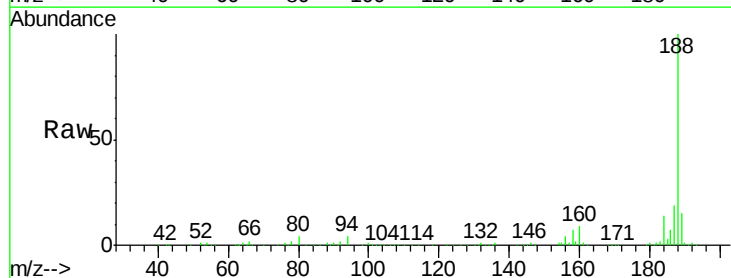
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.06 min
 Lab File: BF091509.D
 Acq: 8 Dec 2016 18:21

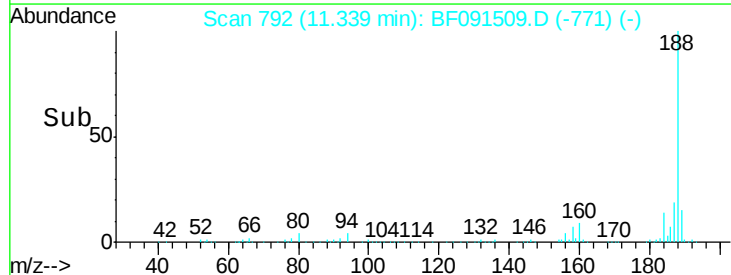
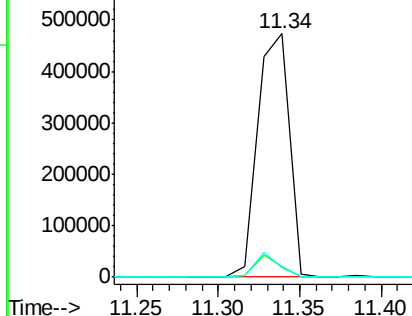
Tgt Ion:	188	Resp:	638527
Ion	Ratio	Lower	Upper
188	100		
94	4.3	9.2	13.8#
80	4.1	10.5	15.7#

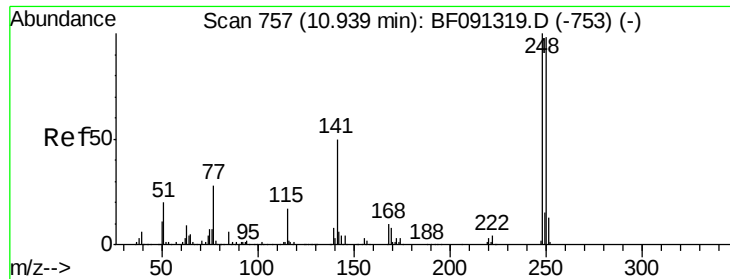


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

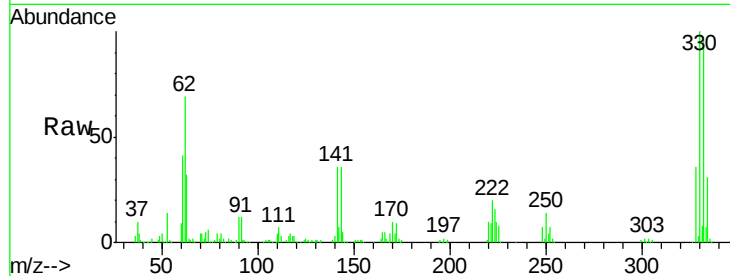




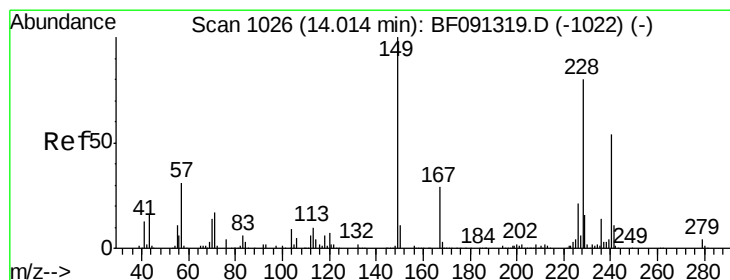
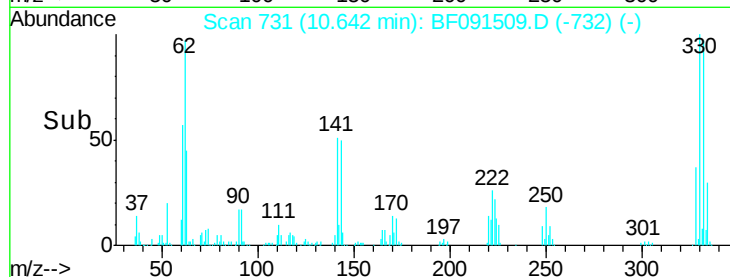
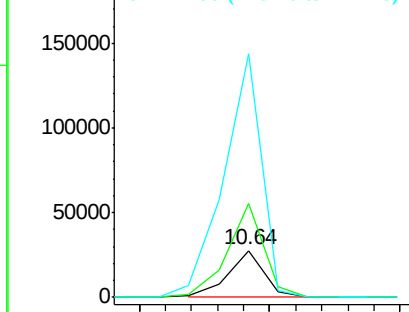
#66
4-Bromophenyl-phenylether
Concen: 3.84 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.31 min
Lab File: BF091509.D
Acq: 8 Dec 2016 18:21

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

Tgt Ion:248 Resp: 26361
Ion Ratio Lower Upper
248 100
250 202.3 78.2 117.4#
141 523.0 71.9 107.9#

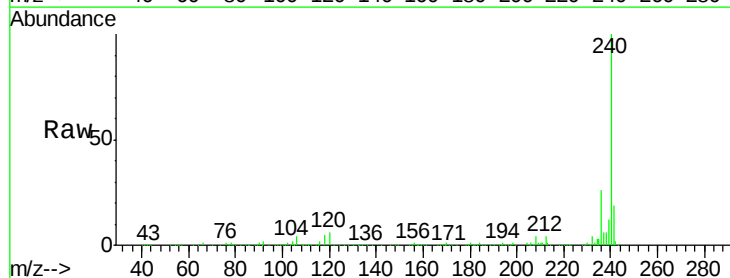


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

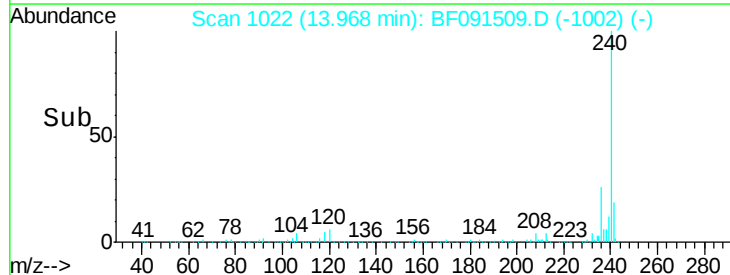
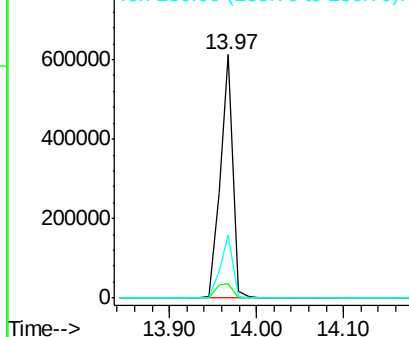


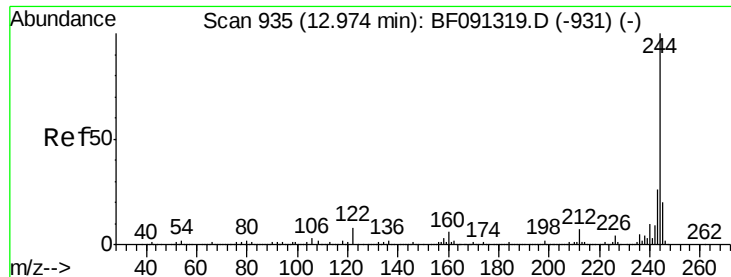
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.07 min
Lab File: BF091509.D
Acq: 8 Dec 2016 18:21

Tgt Ion:240 Resp: 623742
Ion Ratio Lower Upper
240 100
120 5.7 12.1 18.1#
236 25.9 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

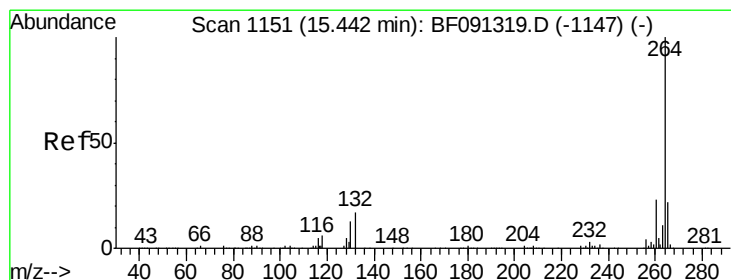
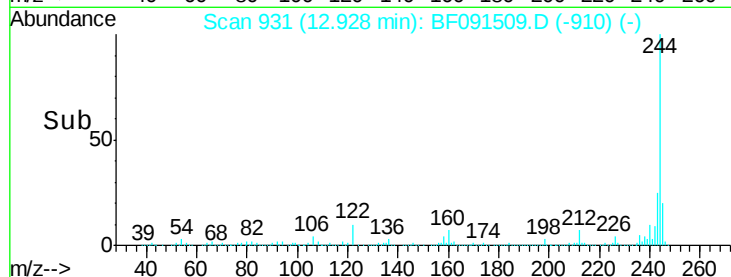
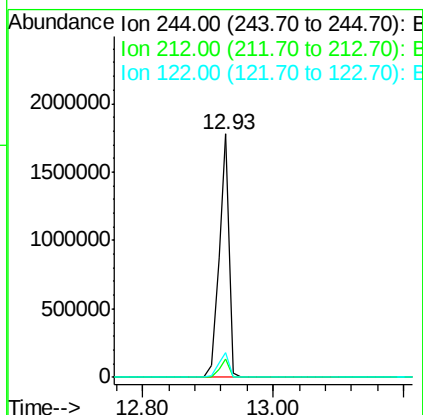
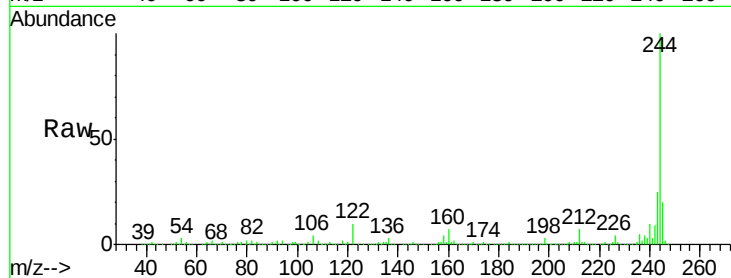




#78
 Terphenyl-d14
 Concen: 66.70 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.06 min
 Lab File: BF091509.D
 Acq: 8 Dec 2016 18:21

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

Tgt Ion:244 Resp: 1914154
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 10.3 9.5 14.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.09 min
 Lab File: BF091509.D
 Acq: 8 Dec 2016 18:21

Tgt Ion:264 Resp: 483125
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 20.9 17.0 25.6

