

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091510.D
 Acq On : 8 Dec 2016 18:49
 Operator : UM/SJ
 Sample : PB95122BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BL

Quant Time: Dec 09 00:08:20 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

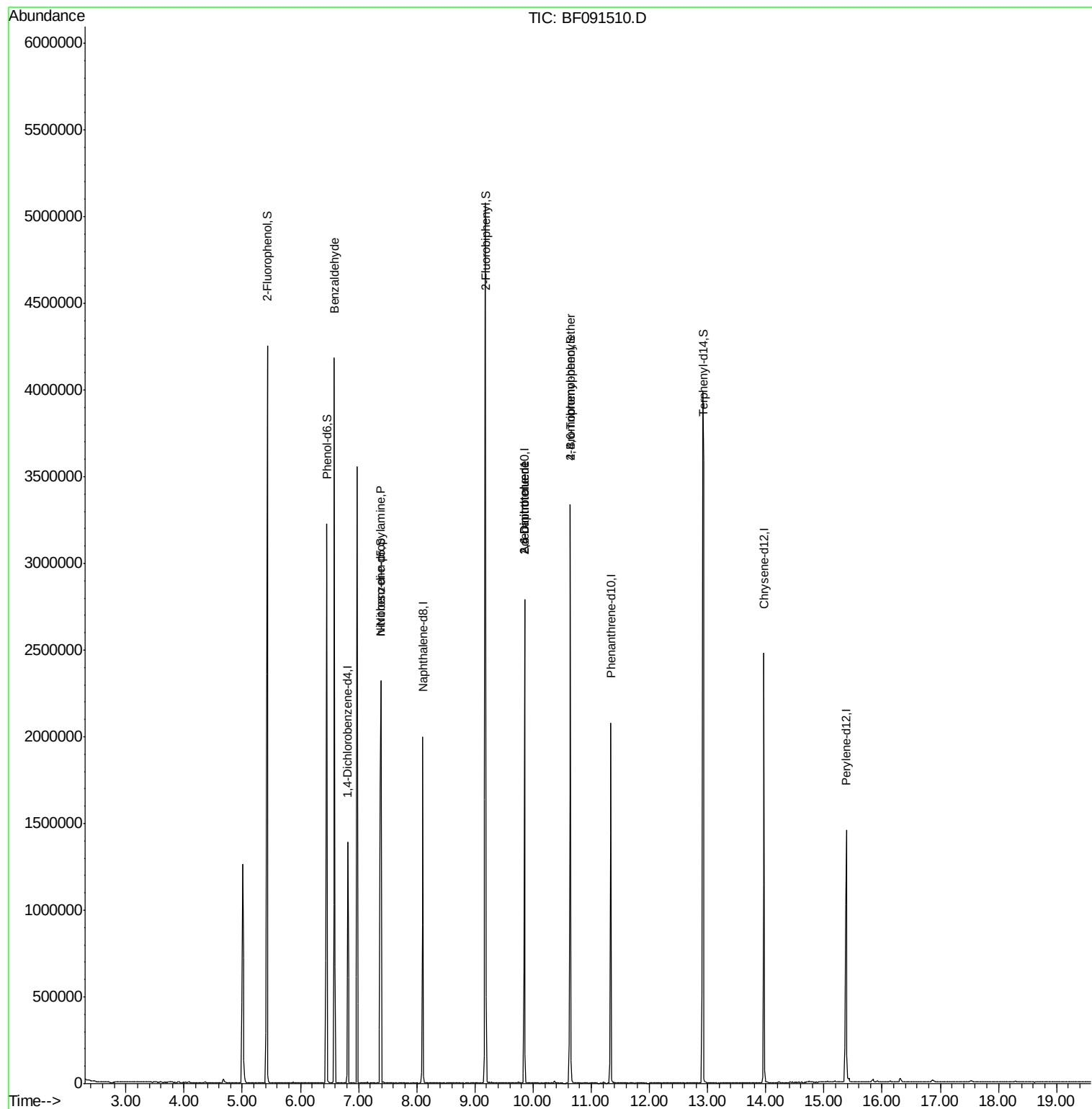
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	220281	20.00	ng	-0.06
21) Naphthalene-d8	8.10	136	985483	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	601980	20.00	ng	-0.06
63) Phenanthrene-d10	11.34	188	1042993	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	994449	20.00	ng	-0.07
86) Perylene-d12	15.39	264	762801	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1167486	86.58	ng	-0.04
7) Phenol-d6	6.46	99	1536206	92.55	ng	-0.04
23) Nitrobenzene-d5	7.38	82	957892	54.47	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	440535	77.30	ng	-0.06
44) 2-Fluorobiphenyl	9.18	172	1654991	49.78	ng	-0.06
78) Terphenyl-d14	12.93	244	1940129	42.40	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.58	77	26142	2.45	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.38	70	132025	12.62	ng	# 68
50) 2,6-Dinitrotoluene	9.85	165	79378	9.74	ng	# 16
56) 2,4-Dinitrotoluene	9.85	165	79380	7.51	ng	# 33
66) 4-Bromophenyl-phenylether	10.64	248	28817	2.57	ng	# 1

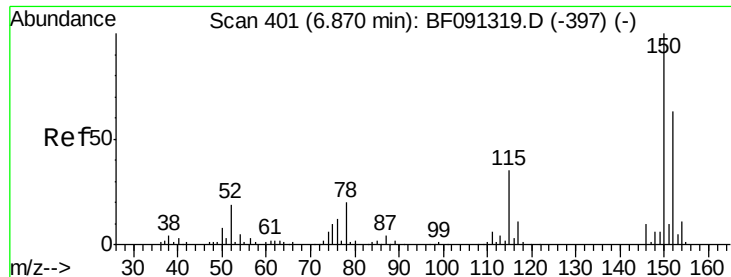
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.06 min

Lab File: BF091510.D

Acq: 8 Dec 2016 18:49

Instrument :

BNA_F

ClientSampled :

PB95122BL

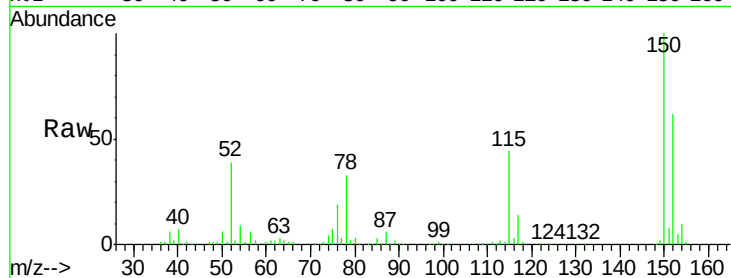
Tgt Ion:152 Resp: 220281

Ion Ratio Lower Upper

152 100

150 160.8 122.5 183.7

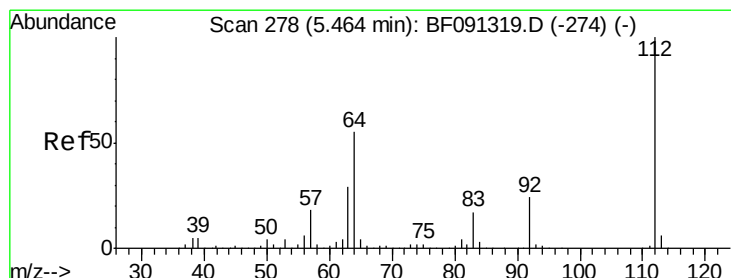
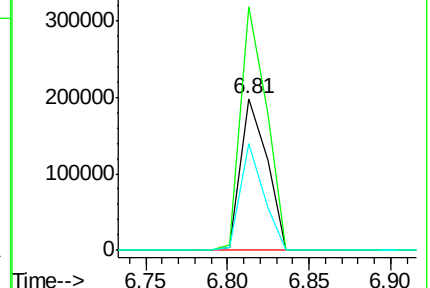
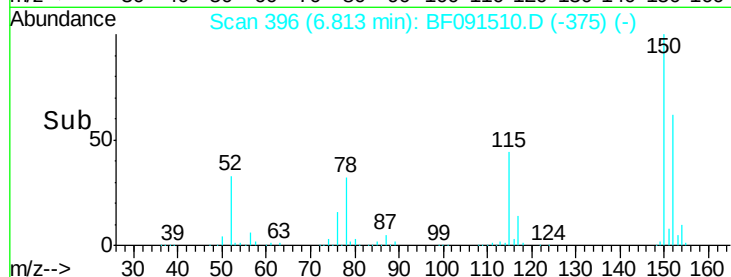
115 70.6 51.8 77.8



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: 86.58 ng

RT: 5.43 min Scan# 275

Delta R.T. -0.04 min

Lab File: BF091510.D

Acq: 8 Dec 2016 18:49

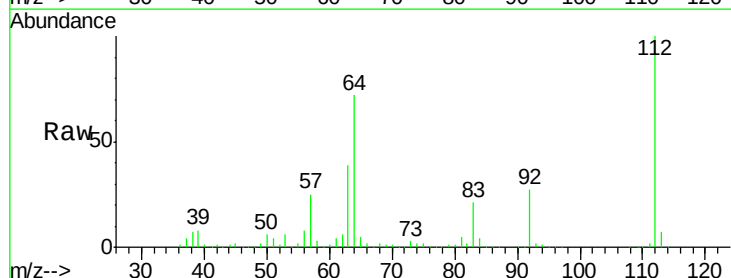
Tgt Ion:112 Resp: 1167486

Ion Ratio Lower Upper

112 100

64 71.5 61.5 92.3

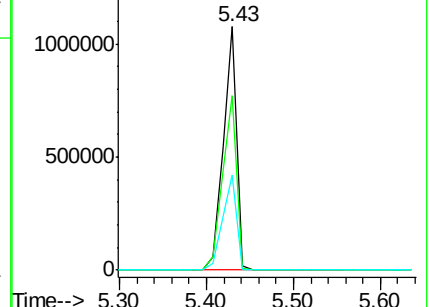
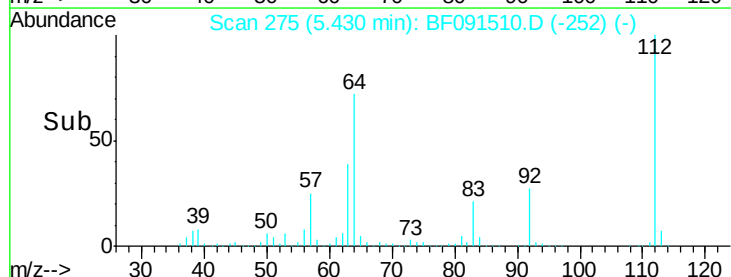
63 39.3 33.3 49.9

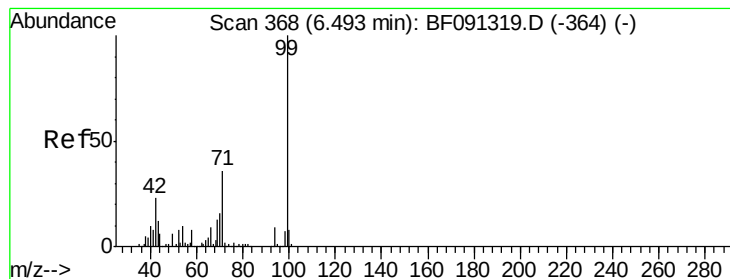


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.55 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.04 min

Lab File: BF091510.D

Acq: 8 Dec 2016 18:49

Instrument :

BNA_F

ClientSampled :

PB95122BL

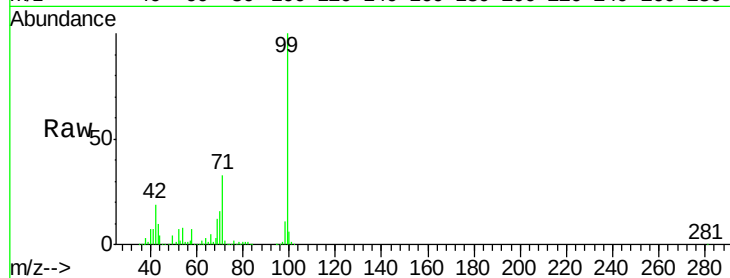
Tgt Ion: 99 Resp: 1536206

Ion Ratio Lower Upper

99 100

42 18.8 20.6 31.0#

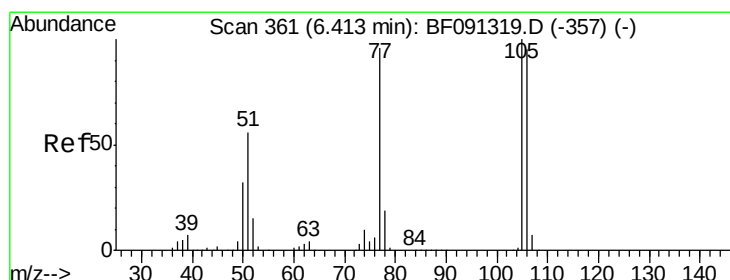
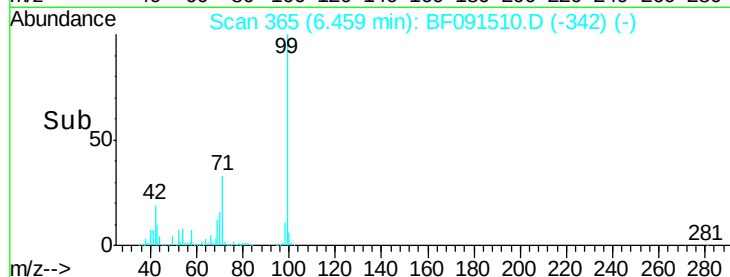
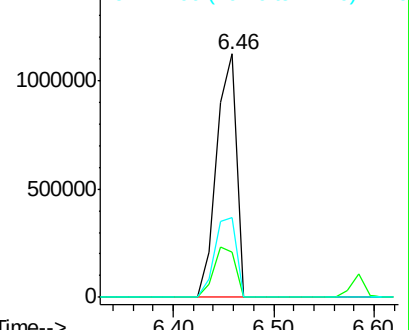
71 33.0 29.9 44.9



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



#9

Benzaldehyde

Concen: 2.45 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.17 min

Lab File: BF091510.D

Acq: 8 Dec 2016 18:49

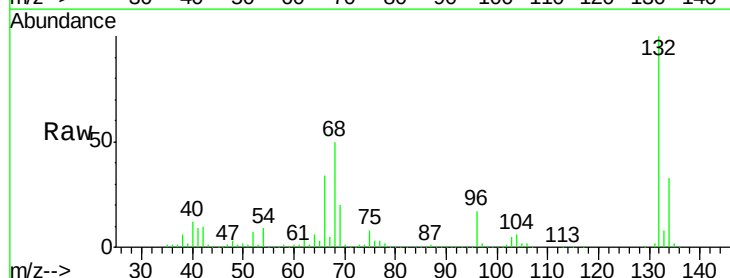
Tgt Ion: 77 Resp: 26142

Ion Ratio Lower Upper

77 100

105 71.7 66.4 106.4

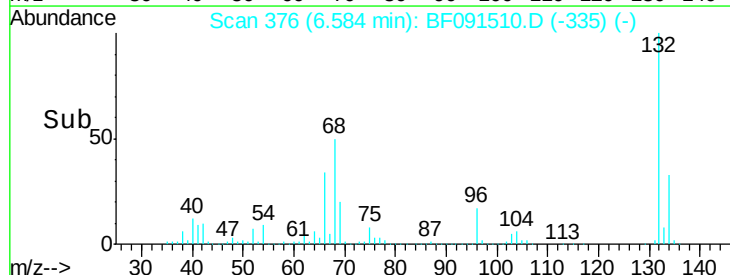
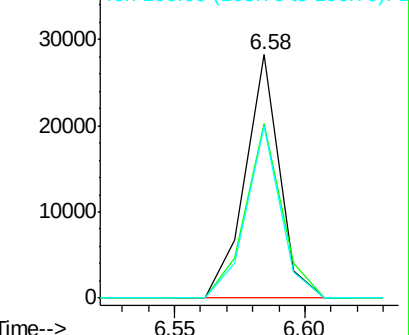
106 70.5 60.9 100.9

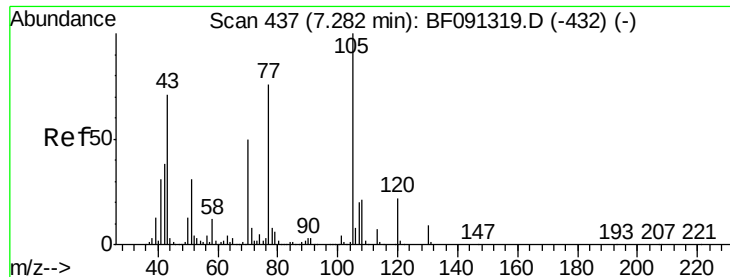


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

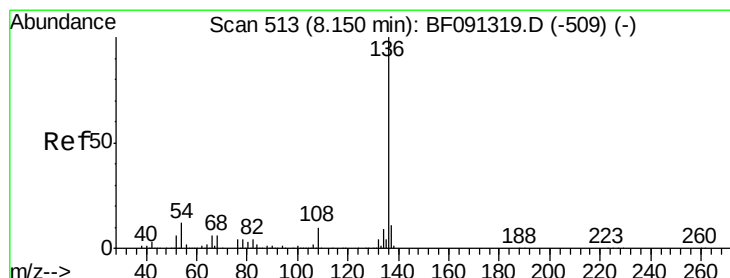
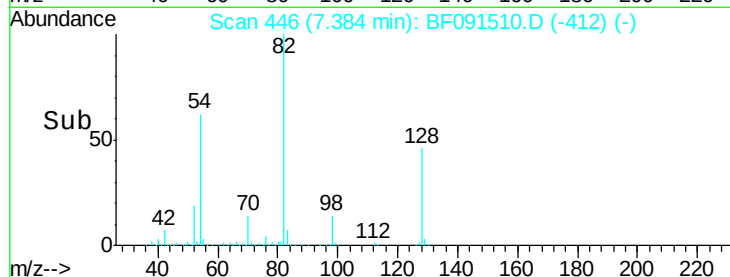
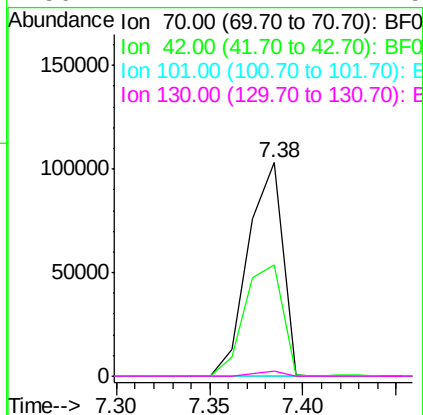
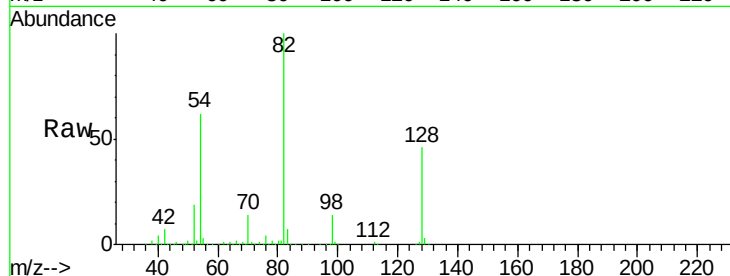




#19
n-Nitroso-di-n-propylamine
Concen: 12.62 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.09 min
Lab File: BF091510.D
Acq: 8 Dec 2016 18:49

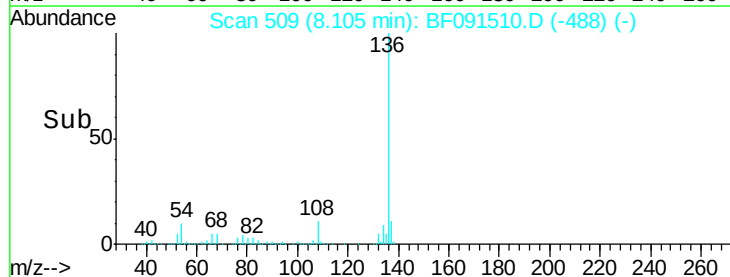
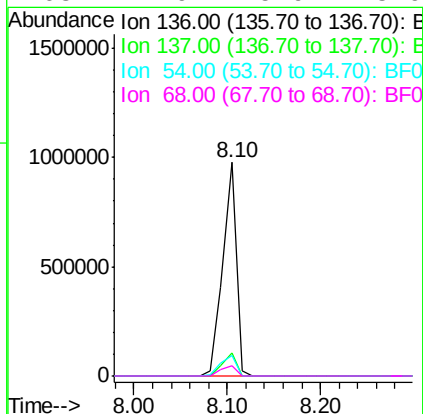
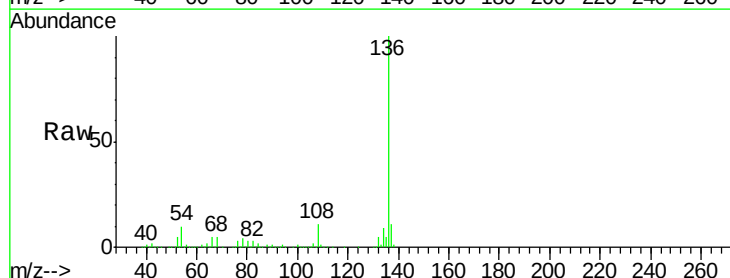
Instrument :
BNA_F
ClientSampleId :
PB95122BL

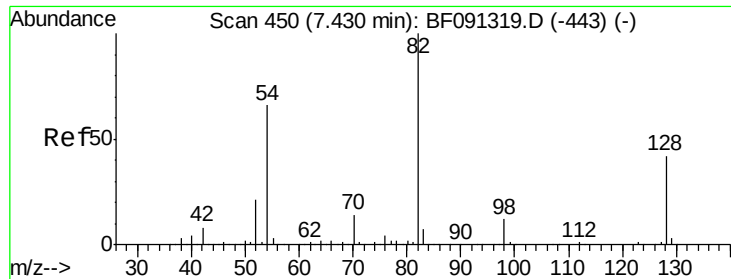
Tgt Ion: 70 Resp: 132025
Ion Ratio Lower Upper
70 100
42 51.9 64.8 97.2#
101 0.0 6.2 9.4#
130 2.1 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.06 min
Lab File: BF091510.D
Acq: 8 Dec 2016 18:49

Tgt Ion: 136 Resp: 985483
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.8 9.1 13.7
68 4.9 5.9 8.9#

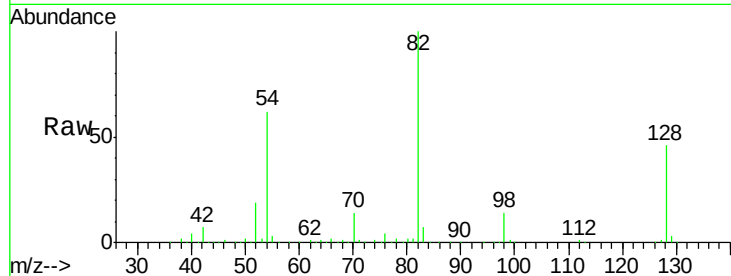




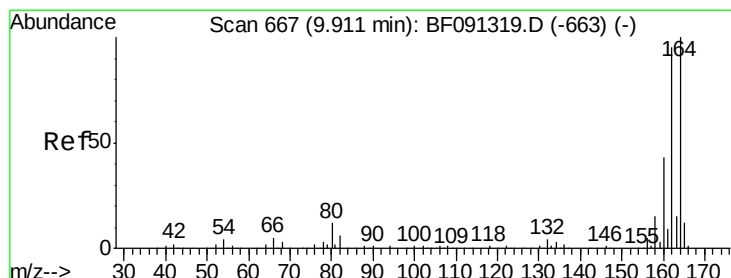
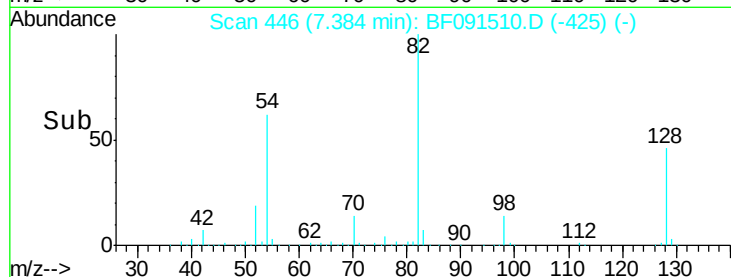
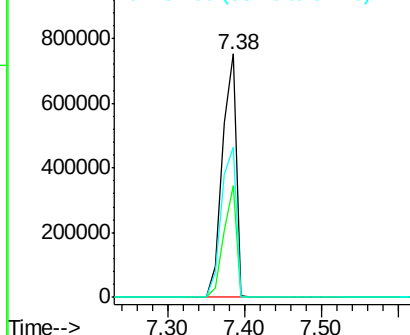
#23
 Nitrobenzene-d5
 Concen: 54.47 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.06 min
 Lab File: BF091510.D
 Acq: 8 Dec 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BL

Tgt Ion: 82 Resp: 957892
 Ion Ratio Lower Upper
 82 100
 128 45.7 31.8 47.6
 54 61.6 49.1 73.7

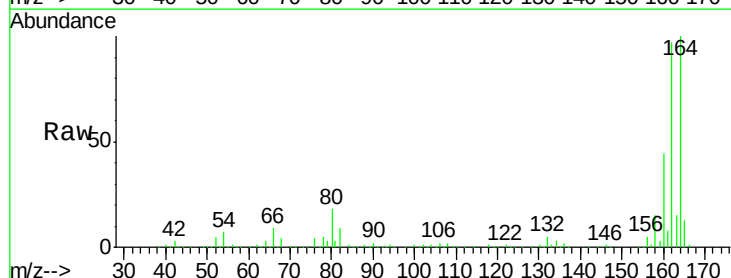


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

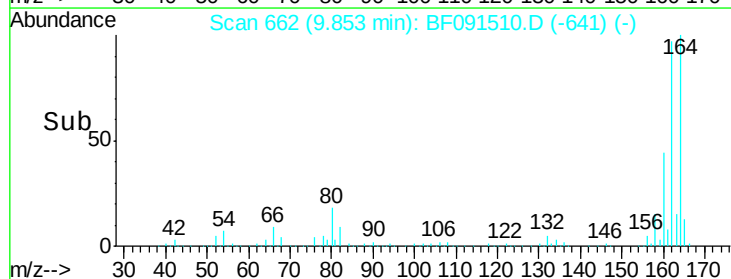
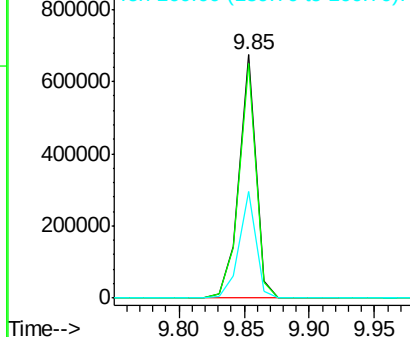


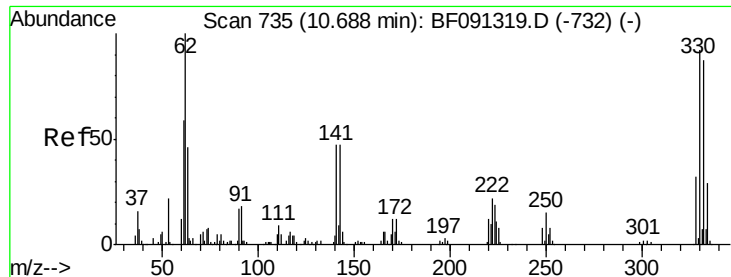
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.06 min
 Lab File: BF091510.D
 Acq: 8 Dec 2016 18:49

Tgt Ion: 164 Resp: 601980
 Ion Ratio Lower Upper
 164 100
 162 96.6 82.6 124.0
 160 43.8 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

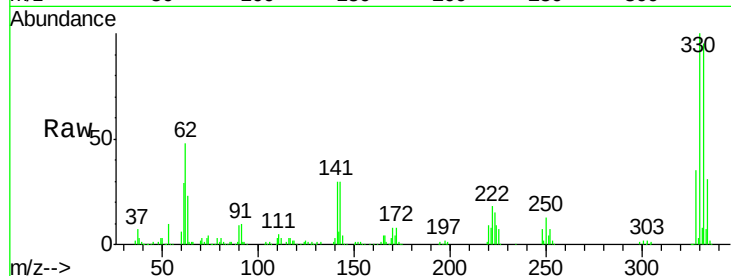




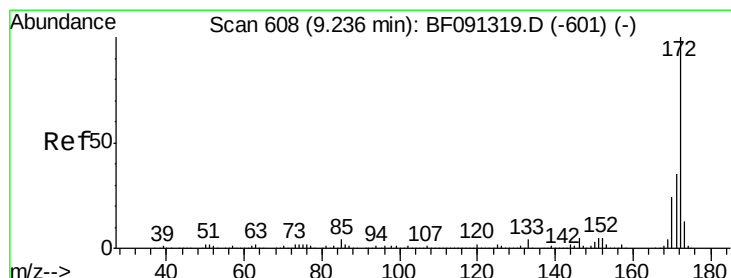
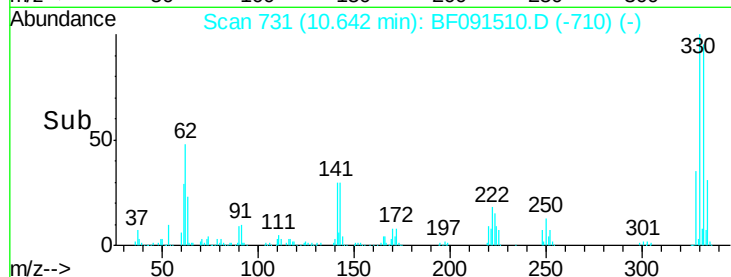
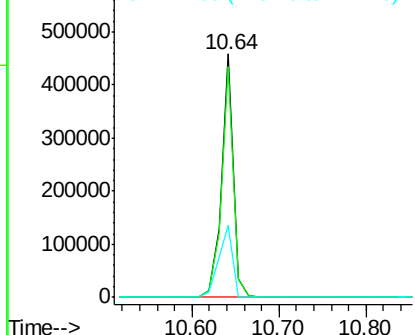
#41
 2,4,6-Tribromophenol
 Concen: 77.30 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.06 min
 Lab File: BF091510.D
 Acq: 8 Dec 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BL

Tgt Ion:330 Resp: 440535
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.2 114.4
 141 35.1 33.6 50.4

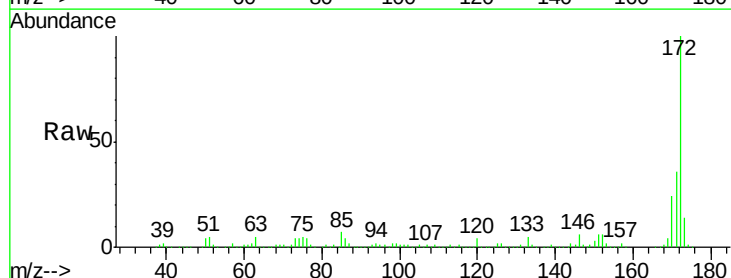


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

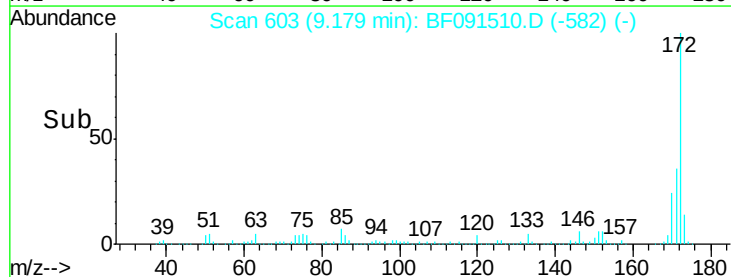
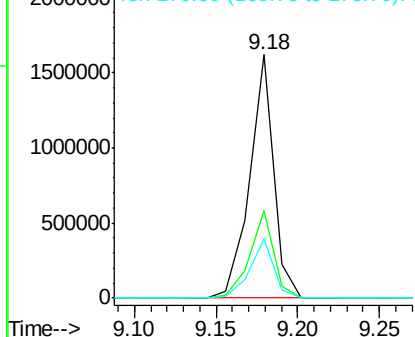


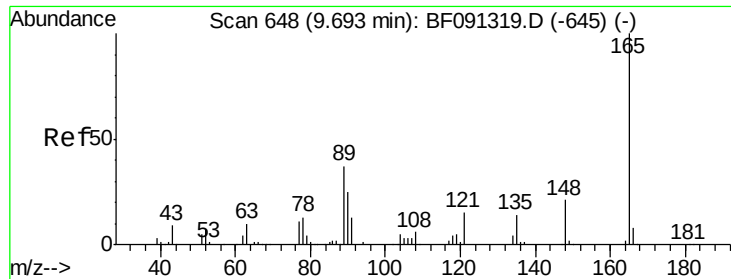
#44
 2-Fluorobiphenyl
 Concen: 49.78 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.06 min
 Lab File: BF091510.D
 Acq: 8 Dec 2016 18:49

Tgt Ion:172 Resp: 1654991
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.5 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

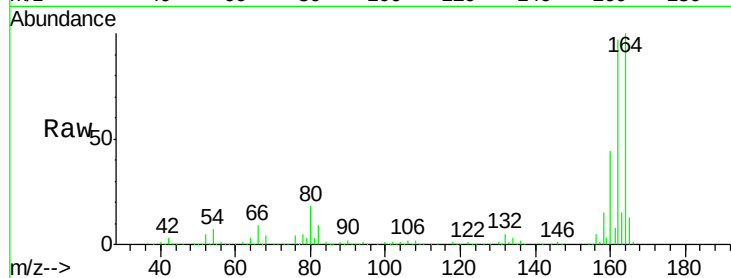




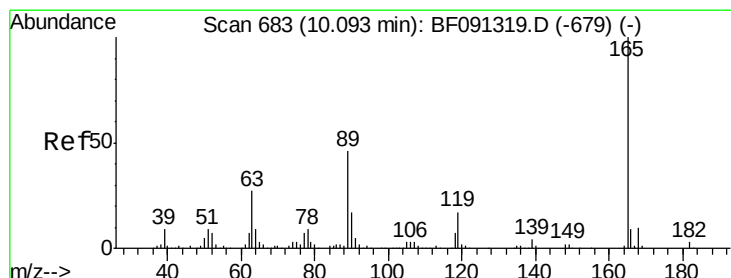
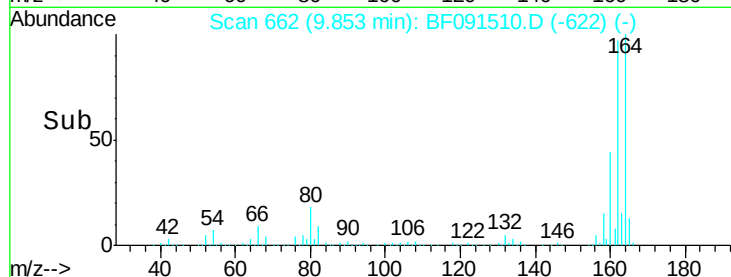
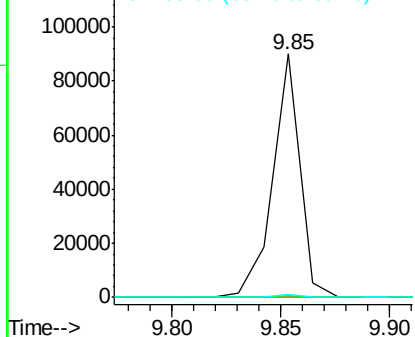
#50
 2,6-Dinitrotoluene
 Concen: 9.74 ng
 RT: 9.85 min Scan# 662
 Delta R.T. 0.15 min
 Lab File: BF091510.D
 Acq: 8 Dec 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BL

Tgt Ion:165 Resp: 79378
 Ion Ratio Lower Upper
 165 100
 63 0.9 59.4 89.0#
 89 1.0 50.8 76.2#



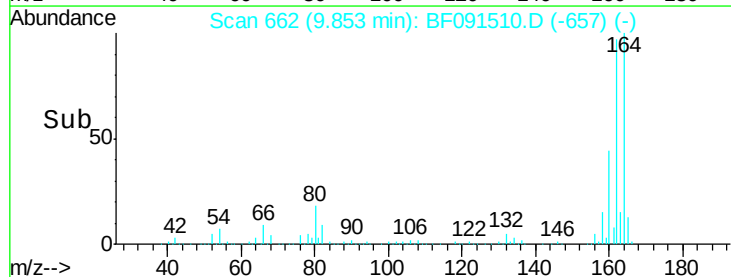
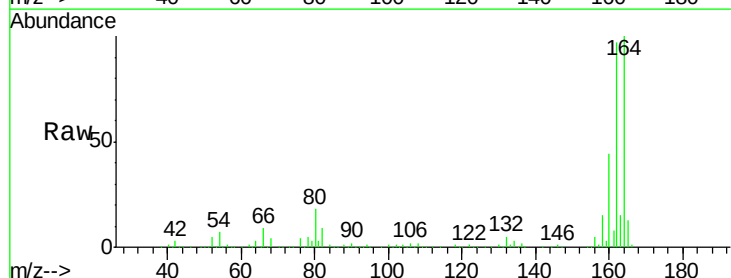
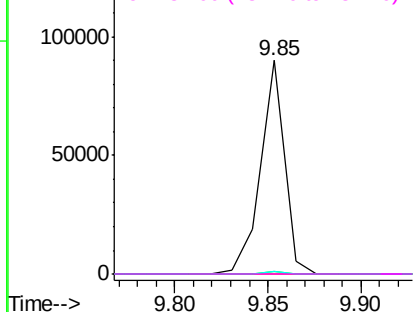
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

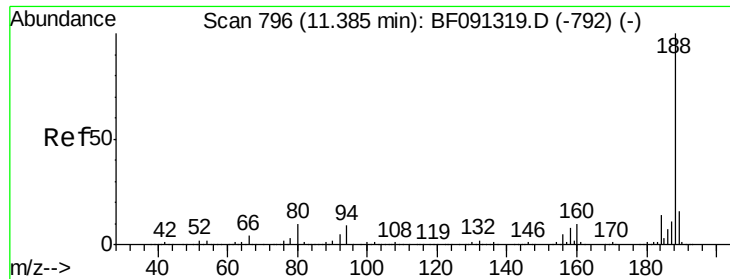


#56
 2,4-Dinitrotoluene
 Concen: 7.51 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.25 min
 Lab File: BF091510.D
 Acq: 8 Dec 2016 18:49

Tgt Ion:165 Resp: 79380
 Ion Ratio Lower Upper
 165 100
 63 0.9 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

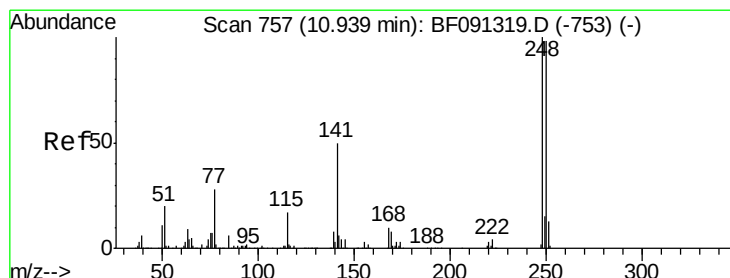
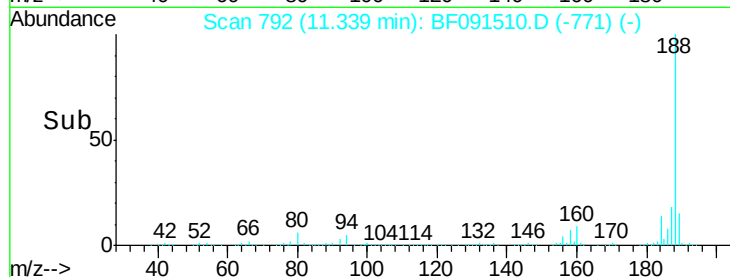
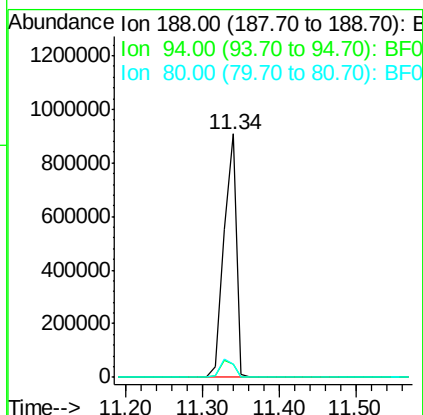
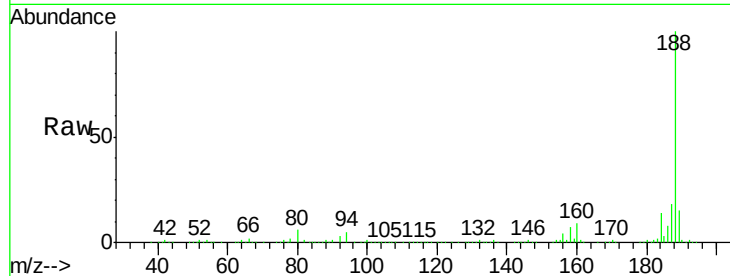




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.06 min
Lab File: BF091510.D
Acq: 8 Dec 2016 18:49

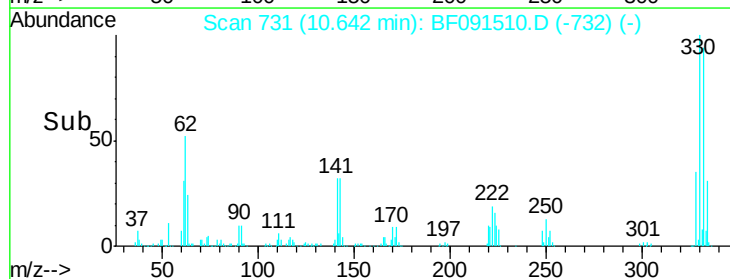
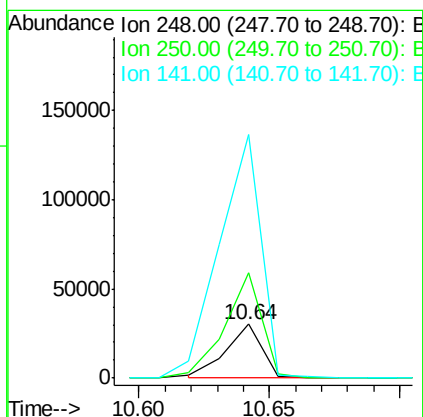
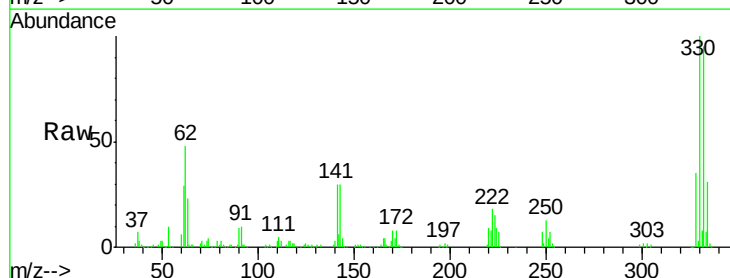
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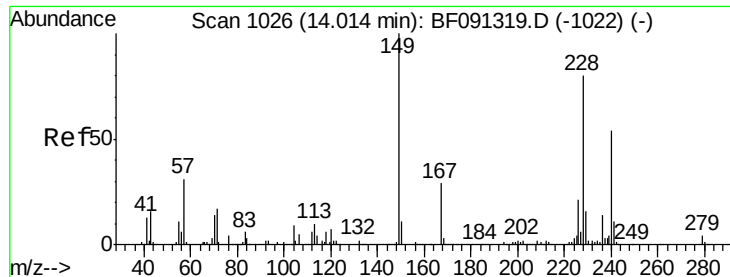
Tgt Ion:188 Resp: 1042993
Ion Ratio Lower Upper
188 100
94 5.4 9.2 13.8#
80 5.5 10.5 15.7#



#66
4-Bromophenyl-phenylether
Concen: 2.57 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.31 min
Lab File: BF091510.D
Acq: 8 Dec 2016 18:49

Tgt Ion:248 Resp: 28817
Ion Ratio Lower Upper
248 100
250 195.9 78.2 117.4#
141 450.1 71.9 107.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF091510.D

Acq: 8 Dec 2016 18:49

Instrument :

BNA_F

ClientSampleId :

PB95122BL

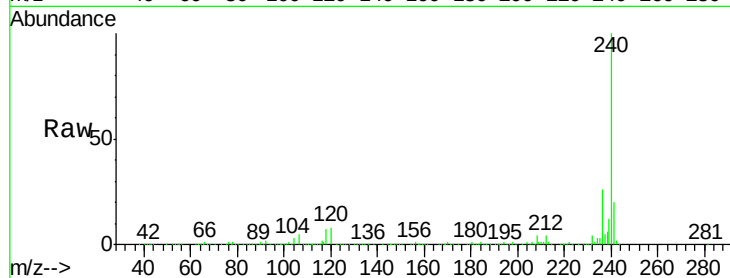
Tgt Ion:240 Resp: 994449

Ion Ratio Lower Upper

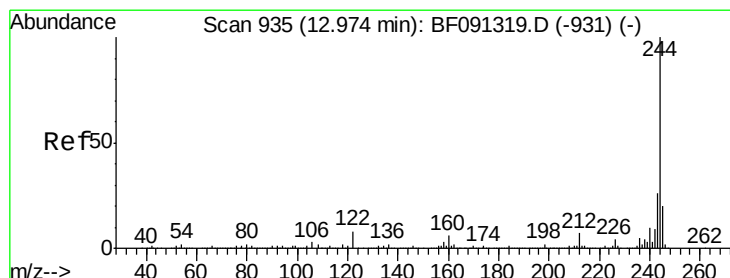
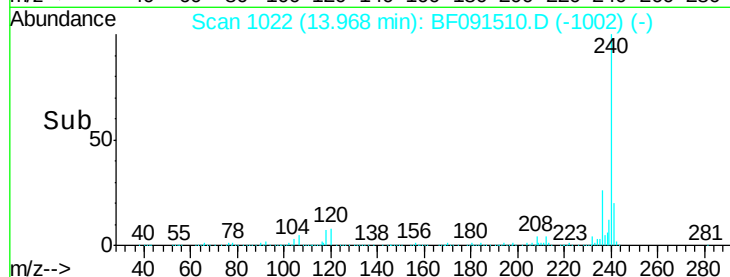
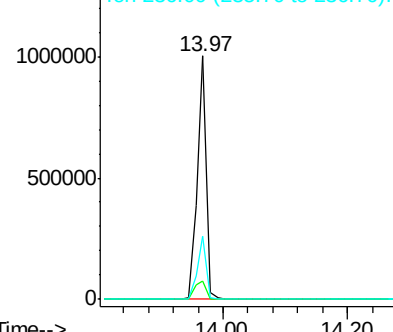
240 100

120 7.5 12.1 18.1#

236 26.1 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: 42.40 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.06 min

Lab File: BF091510.D

Acq: 8 Dec 2016 18:49

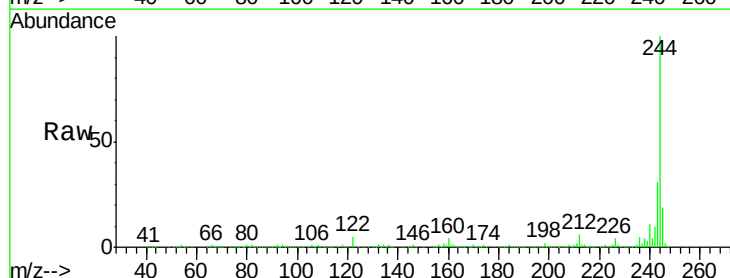
Tgt Ion:244 Resp: 1940129

Ion Ratio Lower Upper

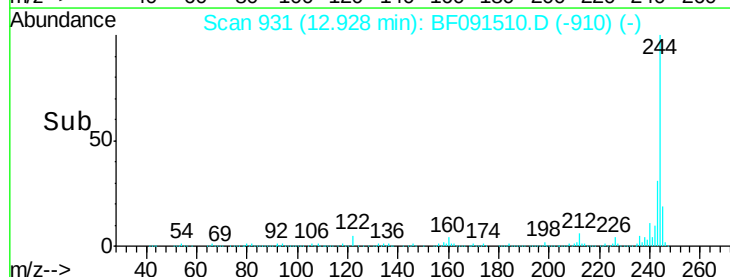
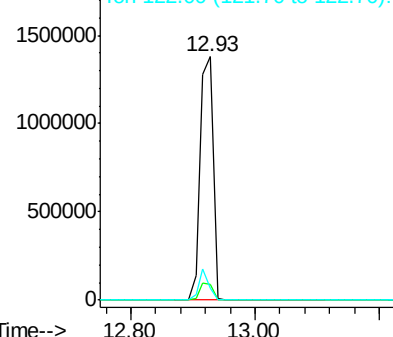
244 100

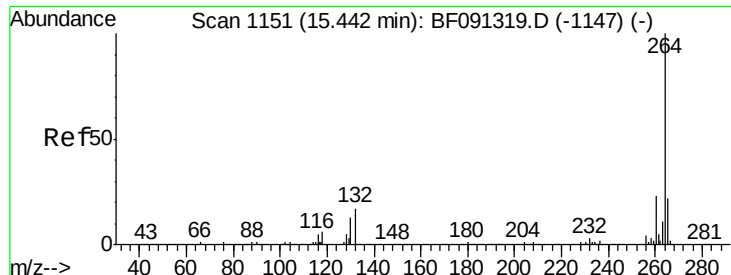
212 6.5 6.5 9.7#

122 4.7 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

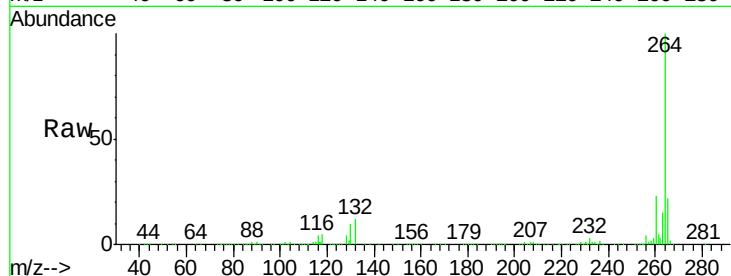




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.09 min
Lab File: BF091510.D
Acq: 8 Dec 2016 18:49

Instrument :
BNA_F
ClientSampleId :
PB95122BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.8	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

