

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
 Data File : BF091173.D
 Acq On : 15 Nov 2016 12:08
 Operator : UM/SJ
 Sample : H5643-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-111016

Quant Time: Nov 16 00:18:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

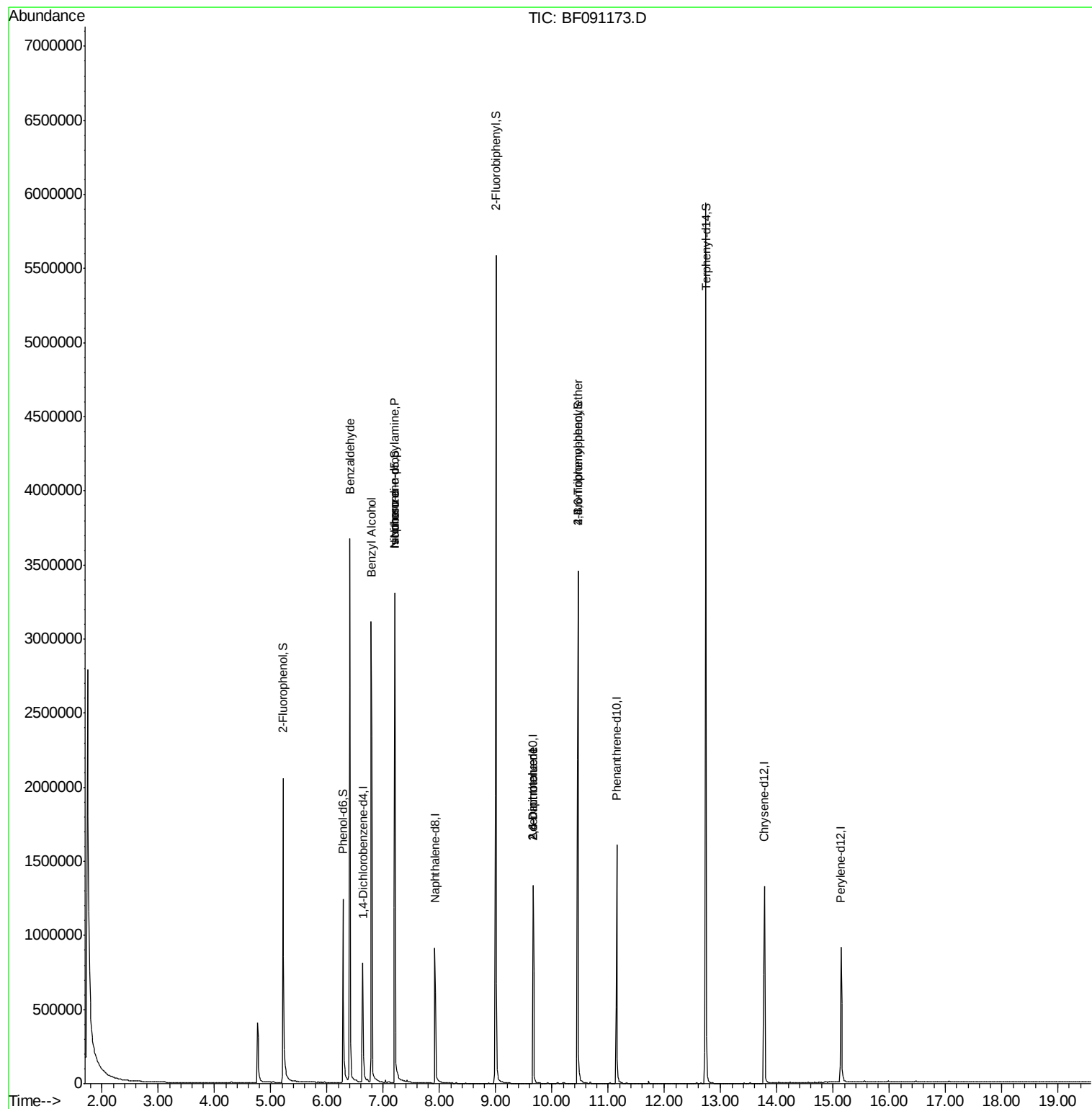
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	154777	20.00	ng	-0.02
21) Naphthalene-d8	7.92	136	634409	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	354547	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	657710	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	567224	20.00	ng	-0.03
86) Perylene-d12	15.14	264	429098	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	734892	78.42	ng	-0.02
7) Phenol-d6	6.28	99	597991	47.01	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1324194	113.86	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	571409	178.27	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1974753	95.89	ng	-0.03
78) Terphenyl-d14	12.74	244	2228705	98.05	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.41	77	31657	4.48	ng	Qvalue 92
15) Benzyl Alcohol	6.78	79	18866	2.10	ng	# 52
19) n-Nitroso-di-n-propylamine	7.21	70	183566	20.82	ng	# 77
25) Isophorone	7.21	82	1320182	58.91	ng	# 67
50) 2,6-Dinitrotoluene	9.66	165	45270	9.09	ng	# 12
56) 2,4-Dinitrotoluene	9.66	165	45274	7.14	ng	# 26
66) 4-Bromophenyl-phenylether	10.46	248	40654	5.94	ng	# 1

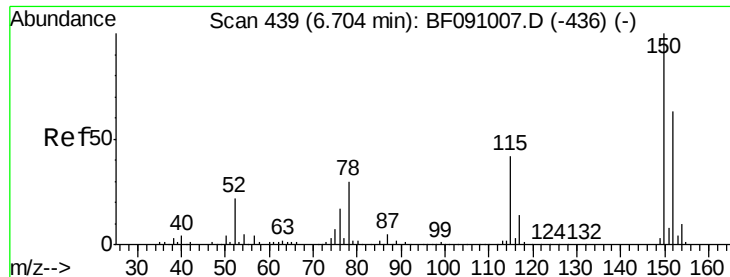
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
Data File : BF091173.D
Acq On : 15 Nov 2016 12:08
Operator : UM/SJ
Sample : H5643-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-111016

Quant Time: Nov 16 00:18:18 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

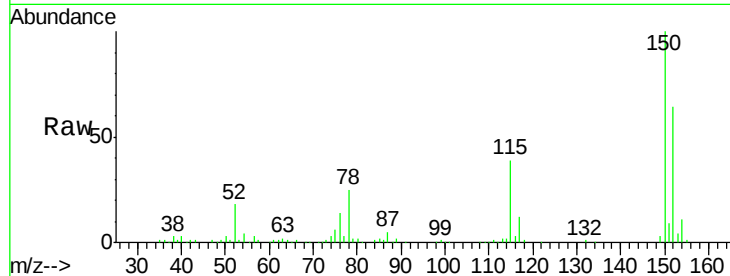




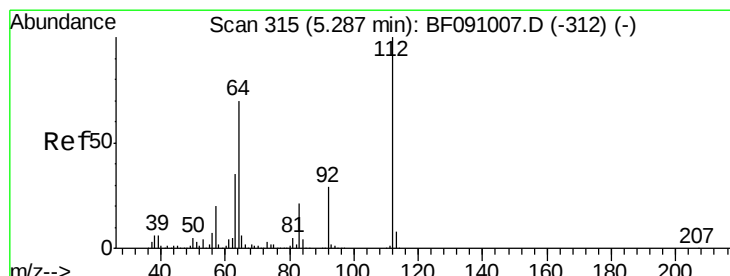
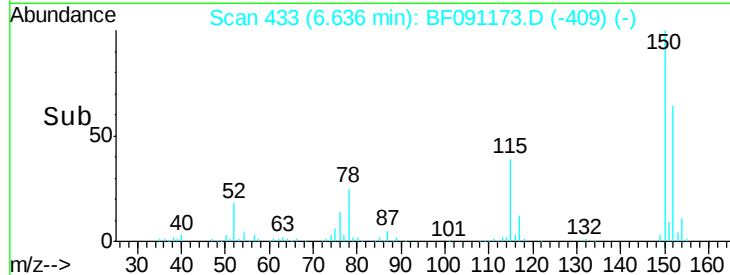
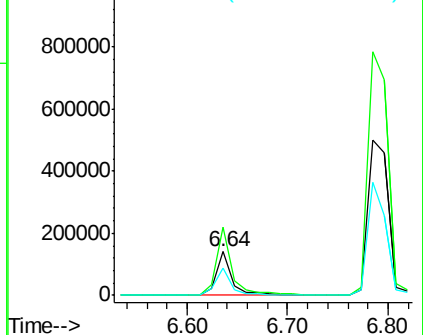
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF091173.D
 Acq: 15 Nov 2016 12:08

Instrument :
 BNA_F
 ClientSampleId :
 FB-111016

Tgt Ion:152 Resp: 154777
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.8 190.2
 115 61.5 53.3 79.9

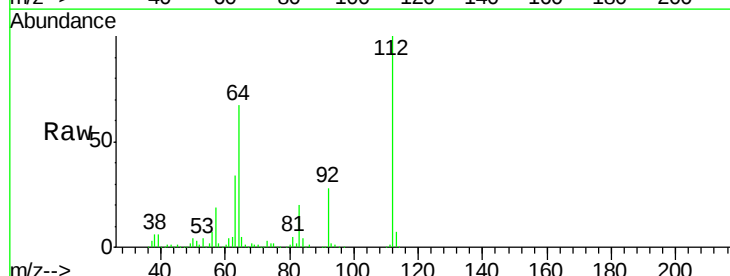


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

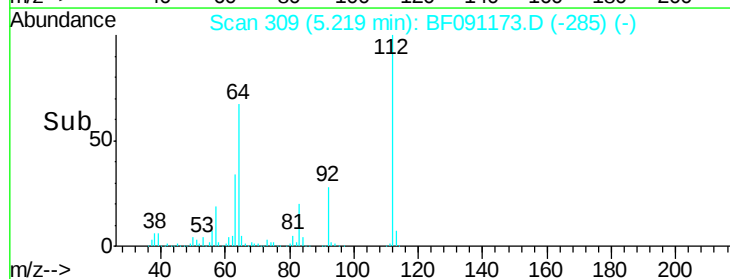
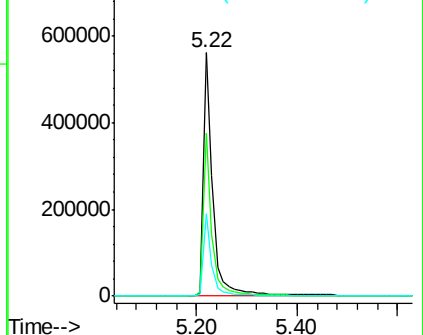


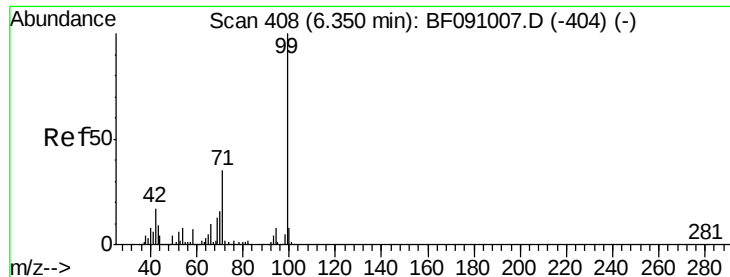
#5
 2-Fluorophenol
 Concen: 78.42 ng
 RT: 5.22 min Scan# 309
 Delta R.T. -0.02 min
 Lab File: BF091173.D
 Acq: 15 Nov 2016 12:08

Tgt Ion:112 Resp: 734892
 Ion Ratio Lower Upper
 112 100
 64 67.2 55.8 83.6
 63 34.0 28.0 42.0



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: 47.01 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091173.D

Acq: 15 Nov 2016 12:08

Instrument :

BNA_F

ClientSampleId :

FB-111016

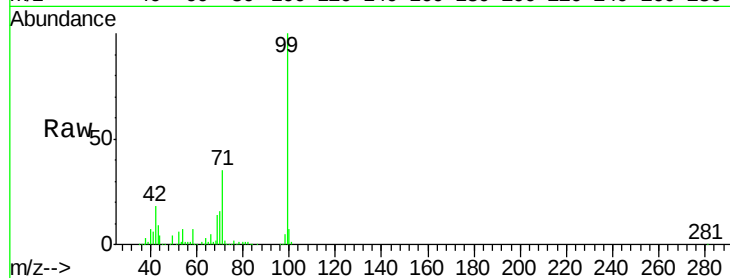
Tgt Ion: 99 Resp: 597991

Ion Ratio Lower Upper

99 100

42 17.6 13.9 20.9

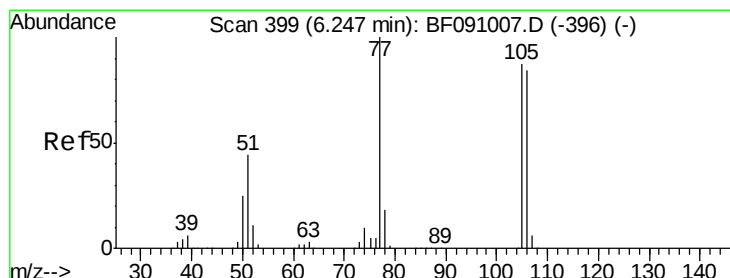
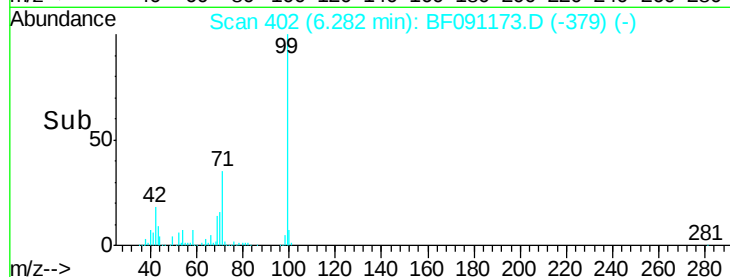
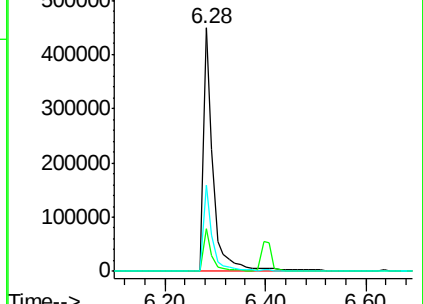
71 35.2 27.8 41.8



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: 4.48 ng

RT: 6.41 min Scan# 413

Delta R.T. 0.21 min

Lab File: BF091173.D

Acq: 15 Nov 2016 12:08

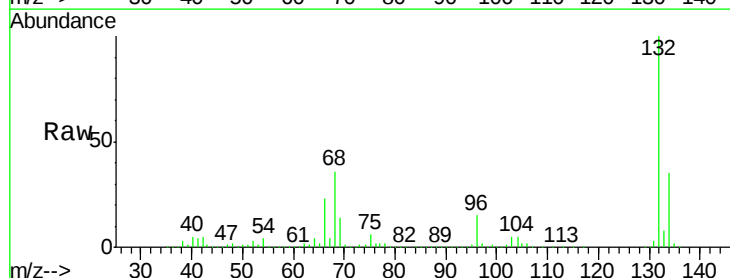
Tgt Ion: 77 Resp: 31657

Ion Ratio Lower Upper

77 100

105 83.4 66.8 106.8

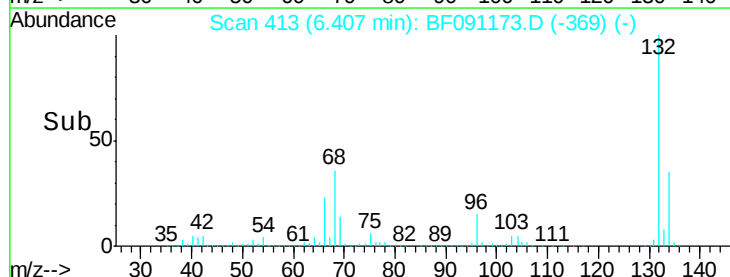
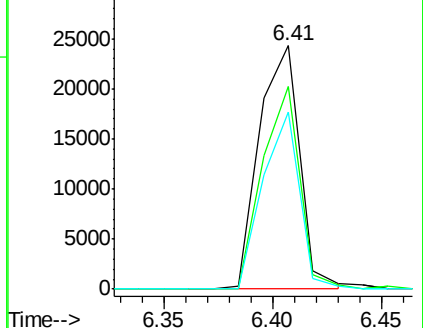
106 72.9 64.0 104.0

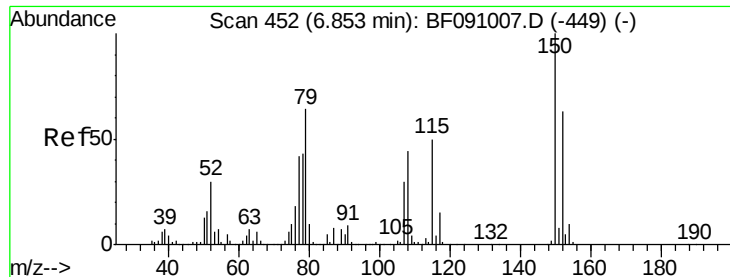


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 6.78 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF091173.D

Acq: 15 Nov 2016 12:08

Instrument :

BNA_F

ClientSampleId :

FB-111016

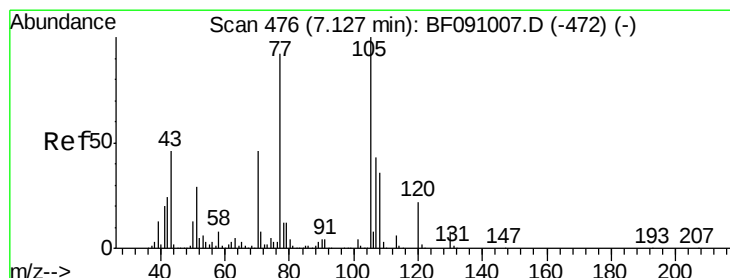
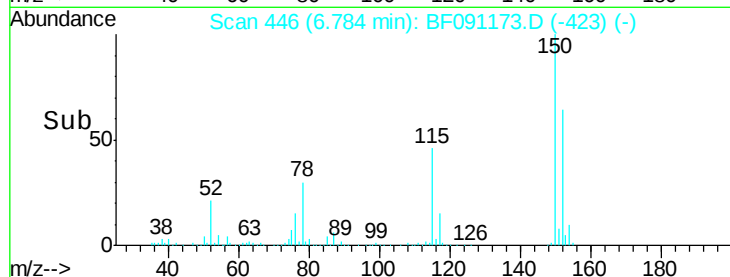
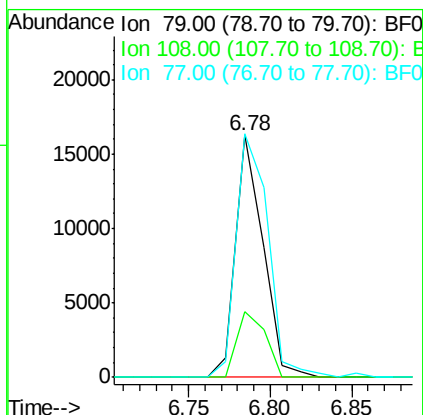
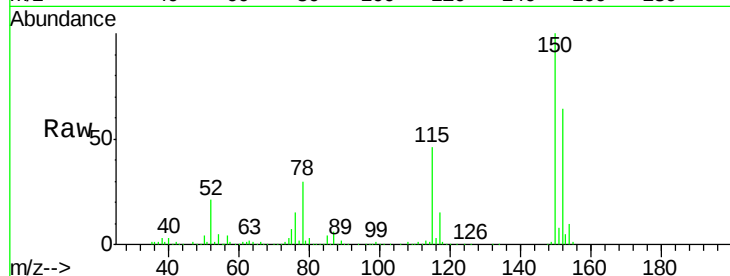
Tgt Ion: 79 Resp: 18866

Ion Ratio Lower Upper

79 100

108 26.9 55.7 83.5#

77 100.5 52.6 79.0#



#19

n-Nitroso-di-n-propylamine

Concen: 20.82 ng

RT: 7.21 min Scan# 483

Delta R.T. 0.11 min

Lab File: BF091173.D

Acq: 15 Nov 2016 12:08

Tgt Ion: 70 Resp: 183566

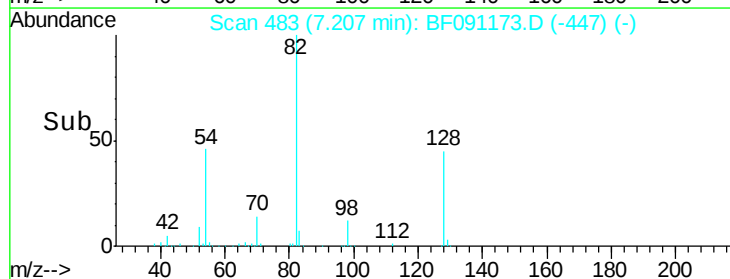
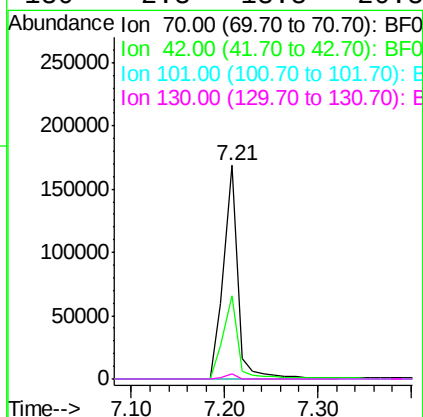
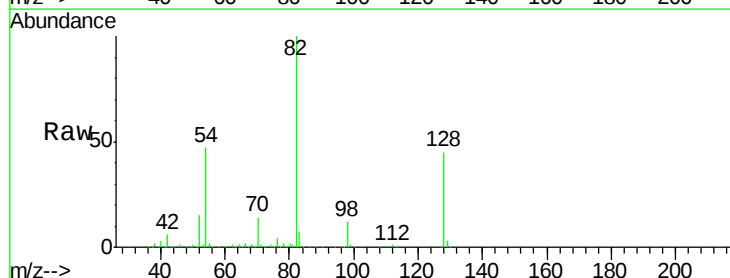
Ion Ratio Lower Upper

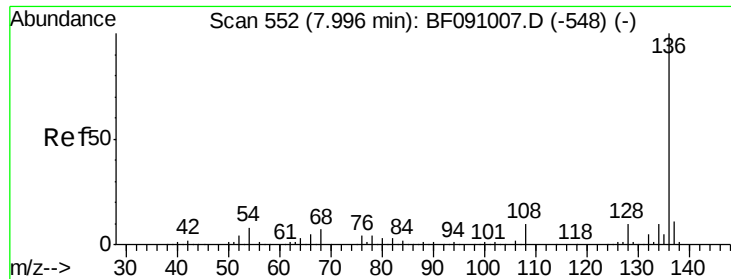
70 100

42 39.0 41.7 62.5#

101 0.0 6.7 10.1#

130 2.3 13.8 20.8#

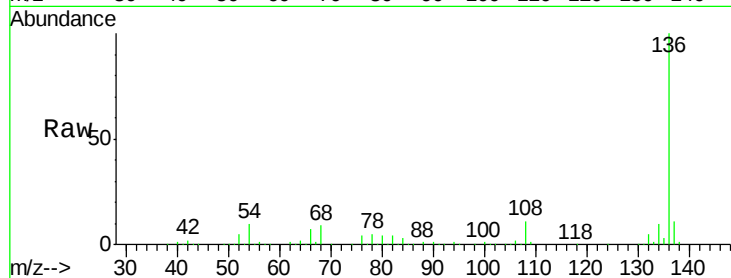




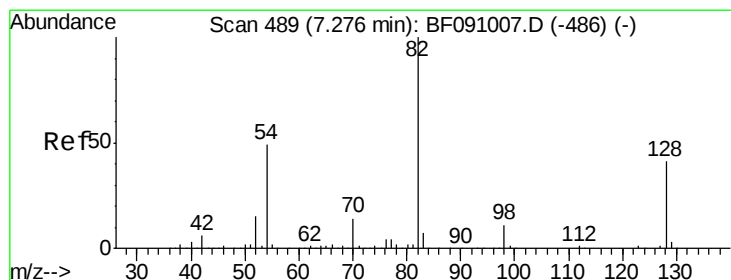
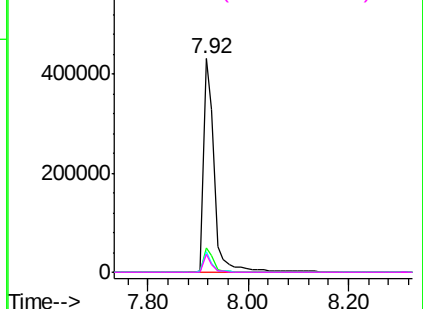
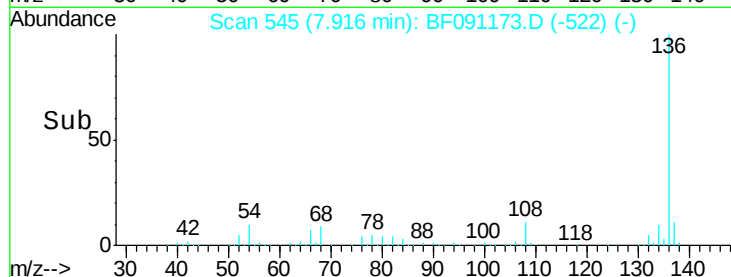
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF091173.D
Acq: 15 Nov 2016 12:08

Instrument :
BNA_F
ClientSampleId :
FB-111016

Tgt Ion:	136	Resp:	634409
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.8	6.2	9.2#
68	8.7	5.5	8.3#

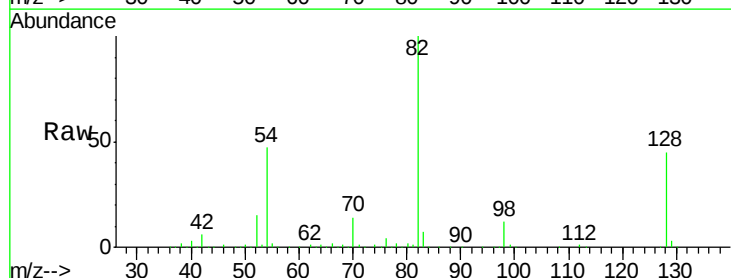


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

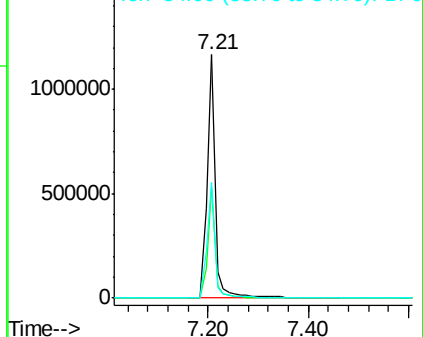
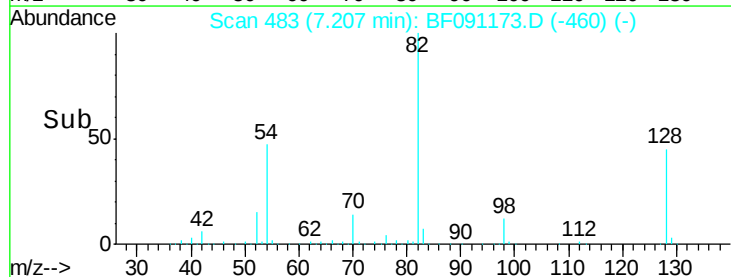


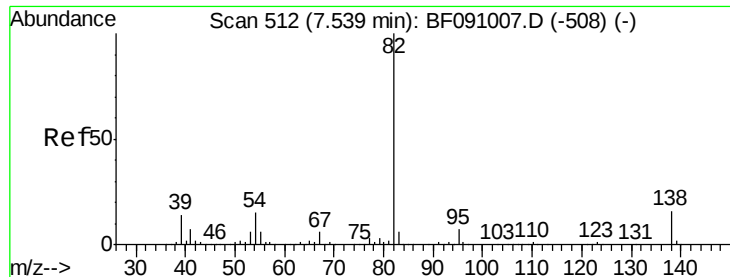
#23
Nitrobenzene-d5
Concen: 113.86 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091173.D
Acq: 15 Nov 2016 12:08

Tgt Ion:	82	Resp:	1324194
Ion	Ratio	Lower	Upper
82	100		
128	45.4	32.4	48.6
54	47.5	39.2	58.8



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: 58.91 ng

RT: 7.21 min Scan# 483

Delta R.T. -0.29 min

Lab File: BF091173.D

Acq: 15 Nov 2016 12:08

Instrument :

BNA_F

ClientSampleId :

FB-111016

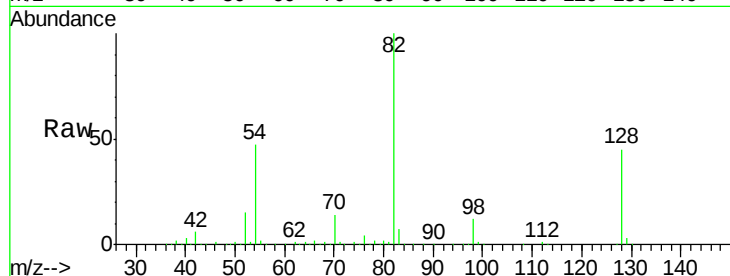
Tgt Ion: 82 Resp: 1320182

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

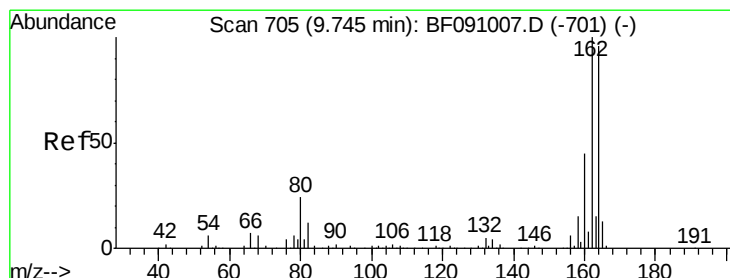
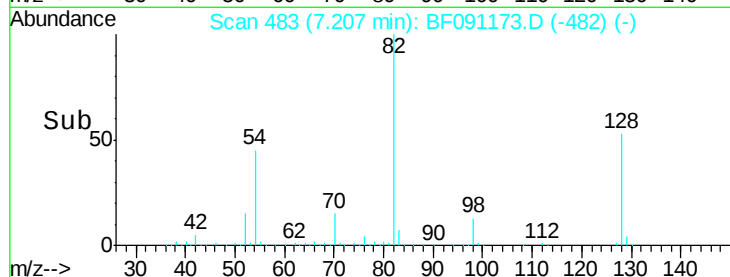
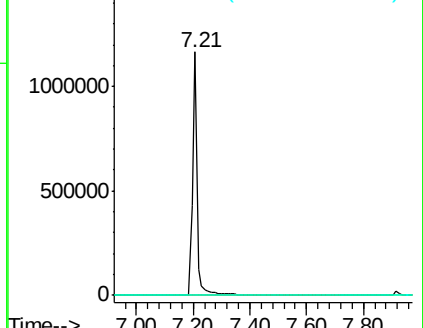
138 0.0 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF091173.D

Acq: 15 Nov 2016 12:08

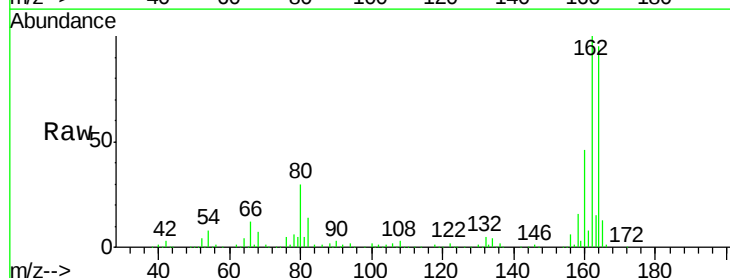
Tgt Ion: 164 Resp: 354547

Ion Ratio Lower Upper

164 100

162 104.9 83.6 125.4

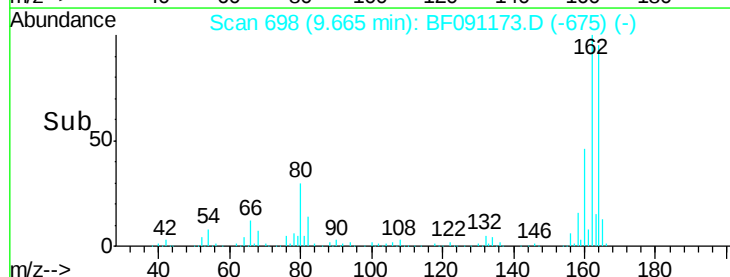
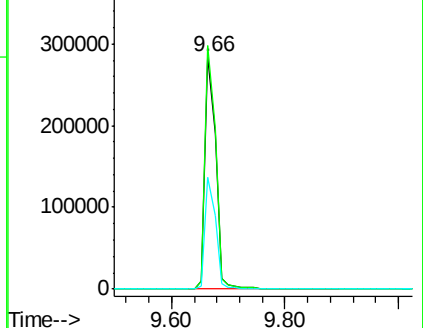
160 48.4 37.9 56.9

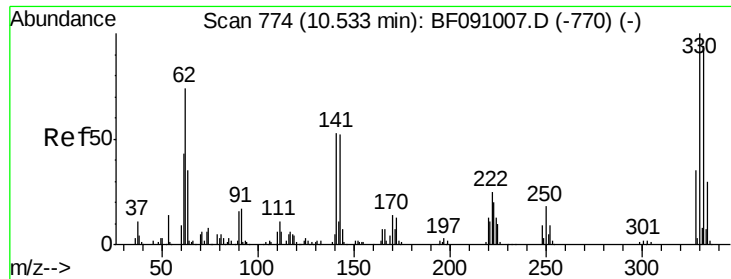


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

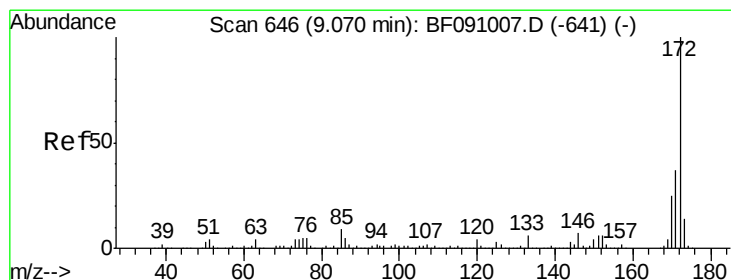
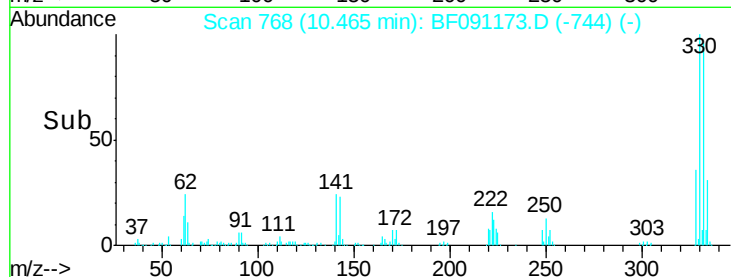
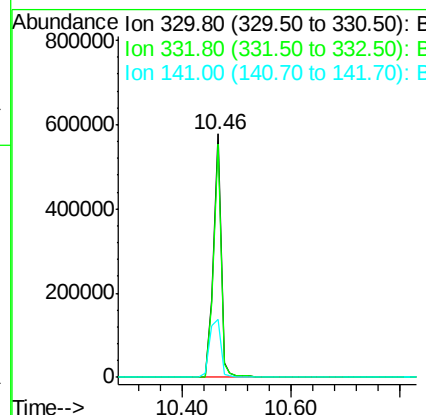
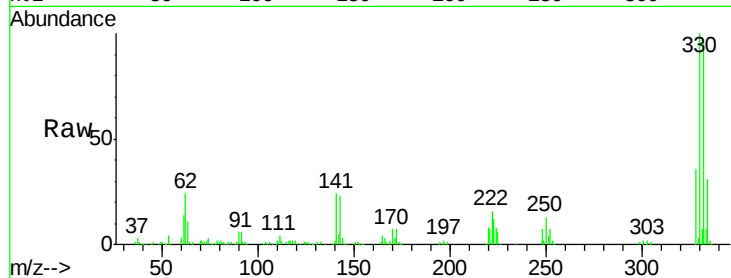




#41
 2,4,6-Tribromophenol
 Concen: 178.27 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF091173.D
 Acq: 15 Nov 2016 12:08

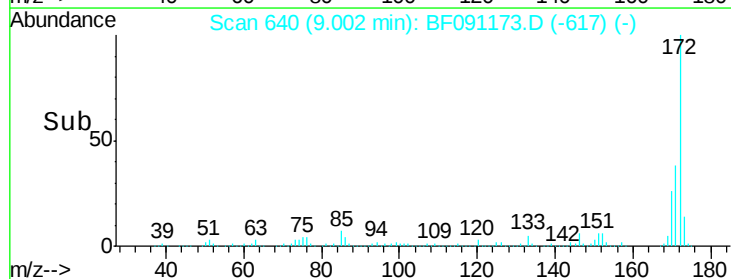
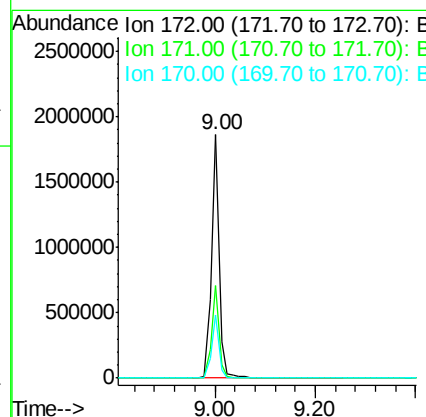
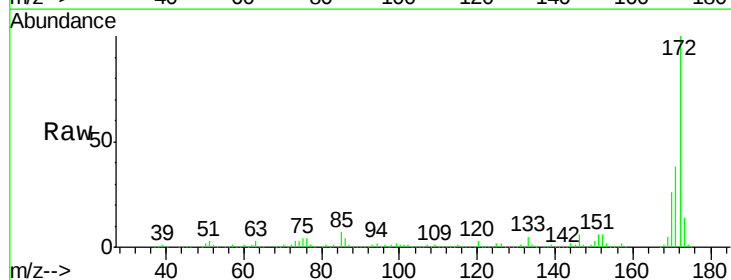
Instrument :
 BNA_F
 ClientSampleId :
 FB-111016

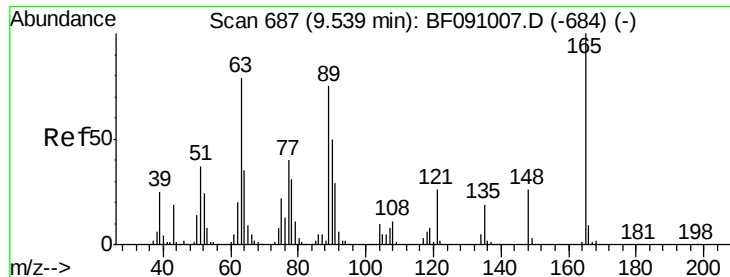
Tgt Ion:330 Resp: 571409
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.9 113.9
 141 35.1 36.1 54.1#



#44
 2-Fluorobiphenyl
 Concen: 95.89 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091173.D
 Acq: 15 Nov 2016 12:08

Tgt Ion:172 Resp: 1974753
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.8 44.6
 170 25.9 20.3 30.5





#50

2,6-Dinitrotoluene

Concen: 9.09 ng

RT: 9.66 min Scan# 698

Delta R.T. 0.16 min

Lab File: BF091173.D

Acq: 15 Nov 2016 12:08

Instrument :

BNA_F

ClientSampleId :

FB-111016

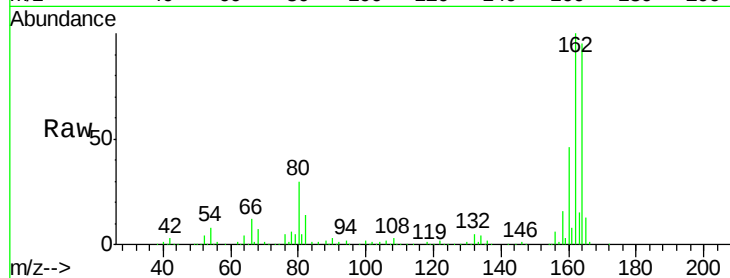
Tgt Ion:165 Resp: 45270

Ion Ratio Lower Upper

165 100

63 1.3 65.6 98.4#

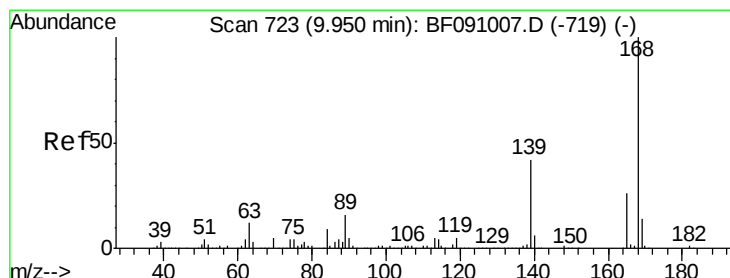
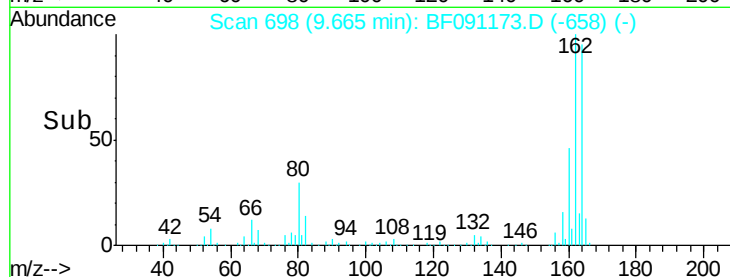
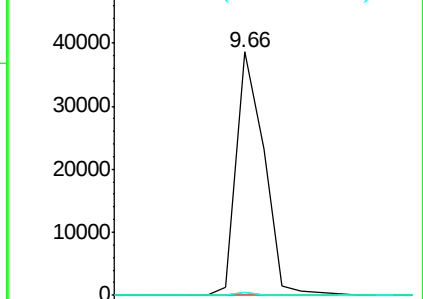
89 1.3 59.8 89.6#



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: 7.14 ng

RT: 9.66 min Scan# 698

Delta R.T. -0.24 min

Lab File: BF091173.D

Acq: 15 Nov 2016 12:08

Tgt Ion:165 Resp: 45274

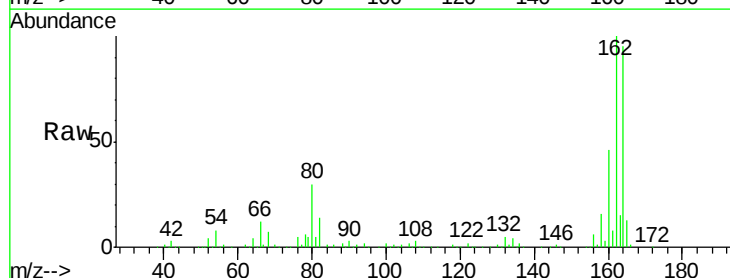
Ion Ratio Lower Upper

165 100

63 1.3 38.7 58.1#

89 1.3 50.6 76.0#

182 0.0 1.8 2.8#

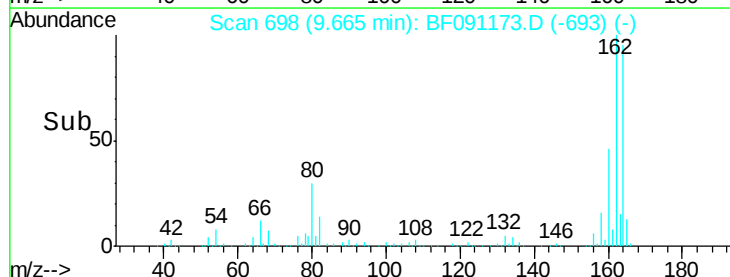
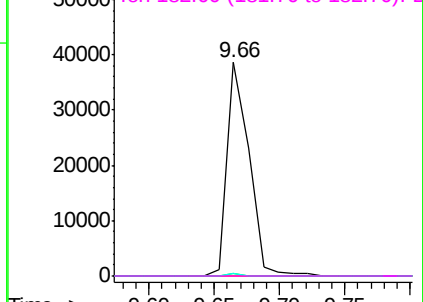


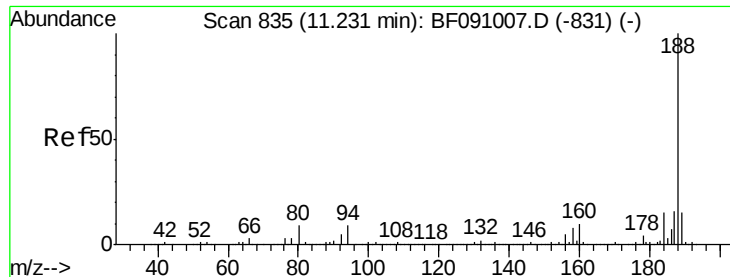
Abundance Ion 165.00 (164.70 to 165.70): E

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

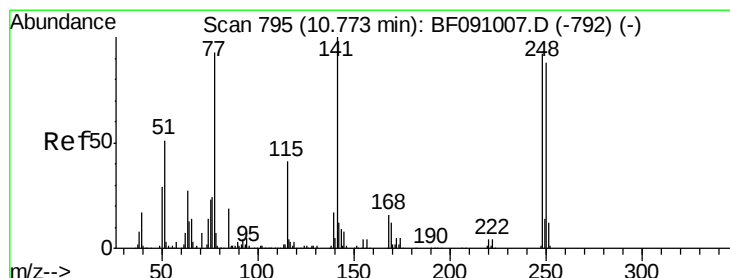
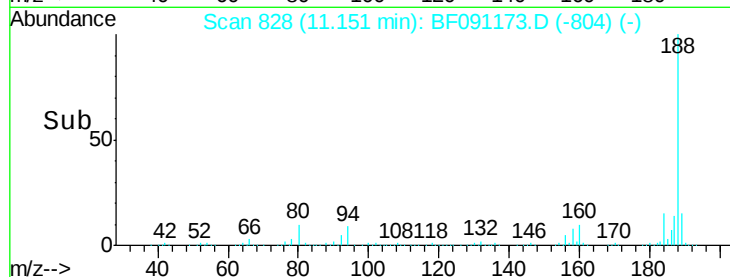
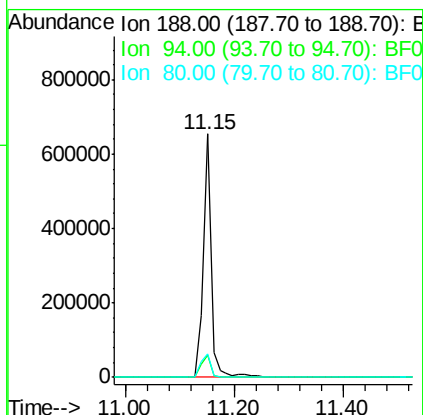
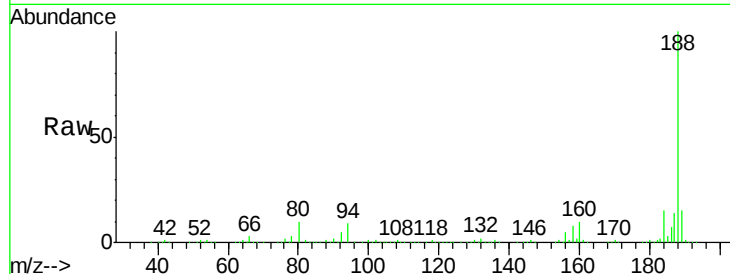




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091173.D
Acq: 15 Nov 2016 12:08

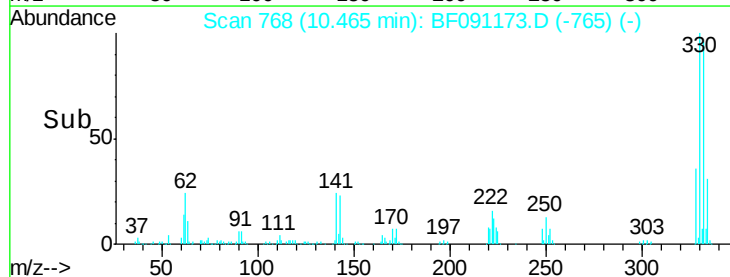
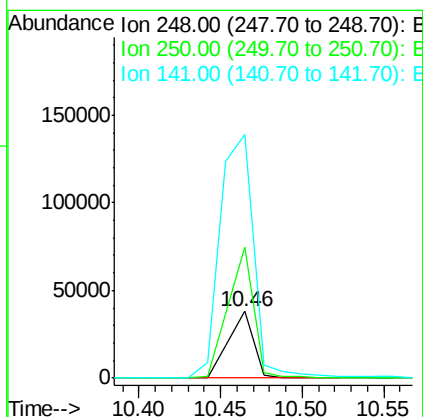
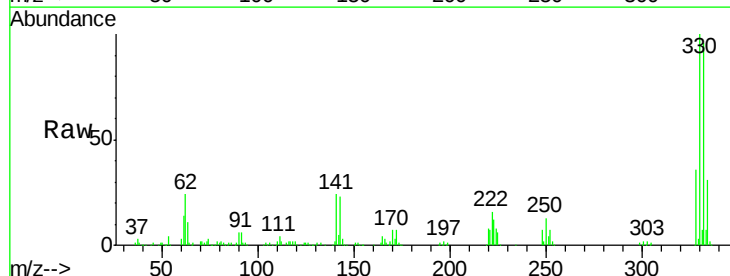
Instrument :
BNA_F
ClientSampleId :
FB-111016

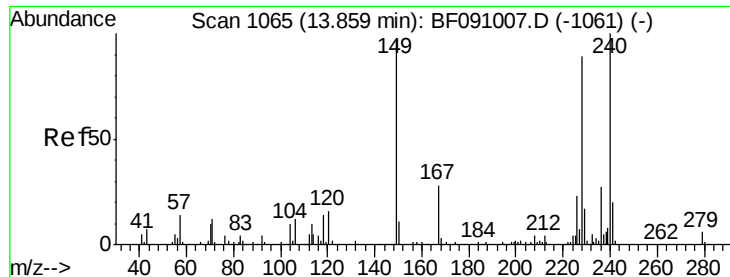
Tgt Ion:188 Resp: 657710
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 9.7 7.5 11.3



#66
4-Bromophenyl-phenylether
Concen: 5.94 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.26 min
Lab File: BF091173.D
Acq: 15 Nov 2016 12:08

Tgt Ion:248 Resp: 40654
Ion Ratio Lower Upper
248 100
250 195.8 76.3 114.5#
141 364.6 86.8 130.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091173.D

Acq: 15 Nov 2016 12:08

Instrument :

BNA_F

ClientSampleId :

FB-111016

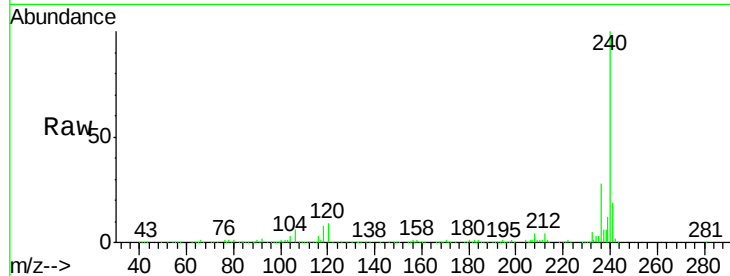
Tgt Ion:240 Resp: 567224

Ion Ratio Lower Upper

240 100

120 9.4 12.9 19.3#

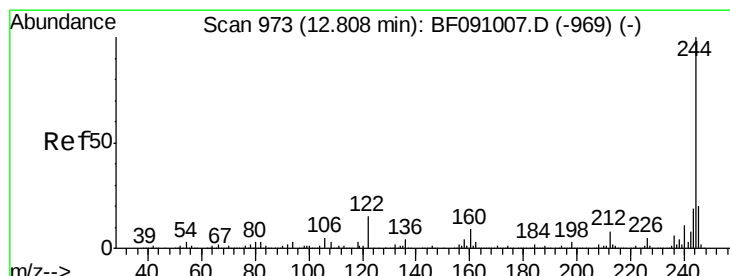
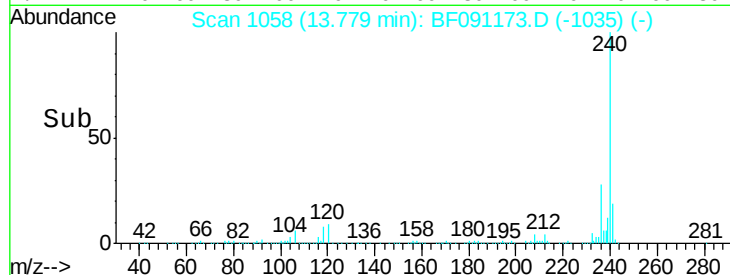
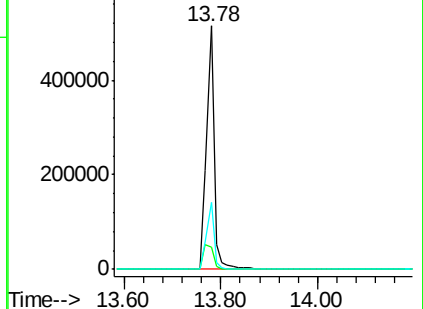
236 27.5 21.9 32.9



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: 98.05 ng

RT: 12.74 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF091173.D

Acq: 15 Nov 2016 12:08

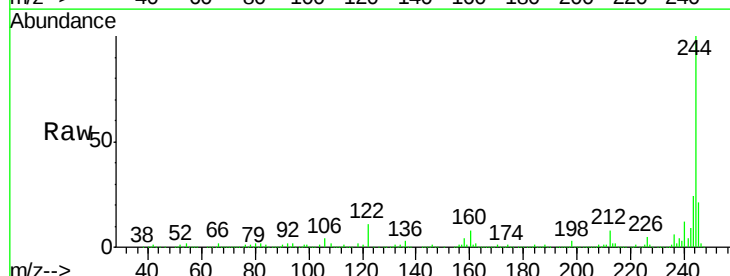
Tgt Ion:244 Resp: 2228705

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

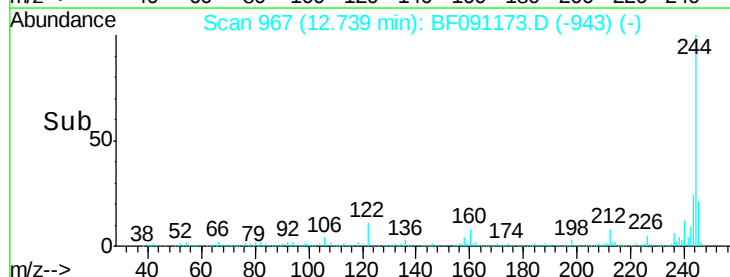
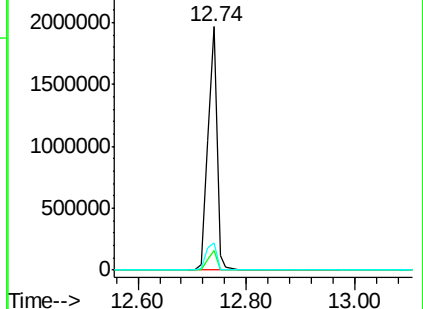
122 11.2 12.3 18.5#

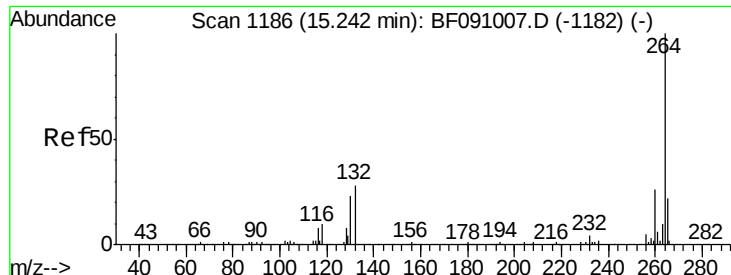


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

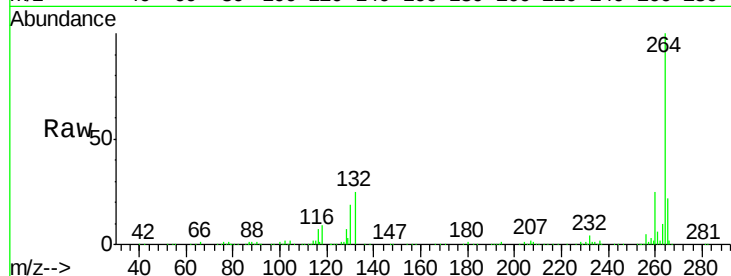




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BF091173.D
Acq: 15 Nov 2016 12:08

Instrument :
BNA_F
ClientSampleId :
FB-111016

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.6	30.8
265	22.1	17.8	26.8



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

