

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
 Data File : BF091827.D
 Acq On : 20 Dec 2016 18:32
 Operator : UM/SJ
 Sample : H6184-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCC-FILL

Quant Time: Dec 20 23:48:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

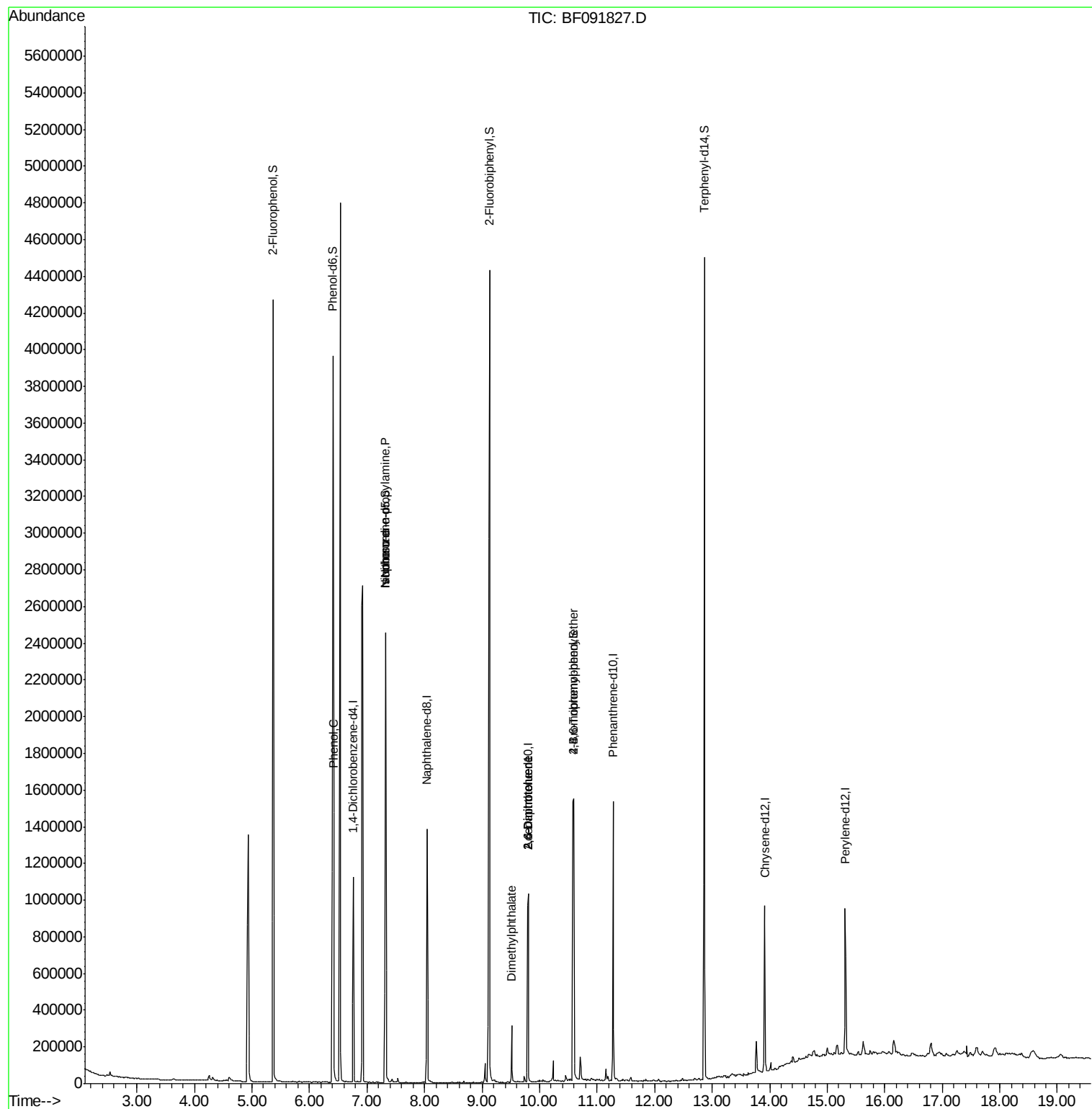
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	187316	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	694188	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	343782	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	536806	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	452947	20.00	ng	-0.01
86) Perylene-d12	15.31	264	402867	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1206880	107.95	ng	0.00
7) Phenol-d6	6.41	99	1508059	110.60	ng	-0.01
23) Nitrobenzene-d5	7.32	82	879787	73.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	301222	103.33	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1857610	108.56	ng	-0.01
78) Terphenyl-d14	12.87	244	1386039	77.26	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.41	77	3269	Below Cal		Qvalue
10) Phenol	6.42	94	65321	4.25 ng	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	116027	12.79 ng	#	94
25) Isophorone	7.32	82	751856	32.74 ng	#	77
49) Dimethylphthalate	9.52	163	127071	5.66 ng	#	65
50) 2,6-Dinitrotoluene	9.80	165	44242	8.99 ng	#	99
56) 2,4-Dinitrotoluene	9.80	165	44245	7.19 ng	#	30
66) 4-Bromophenyl-phenylether	10.59	248	18241	3.24 ng	#	19
					#	1

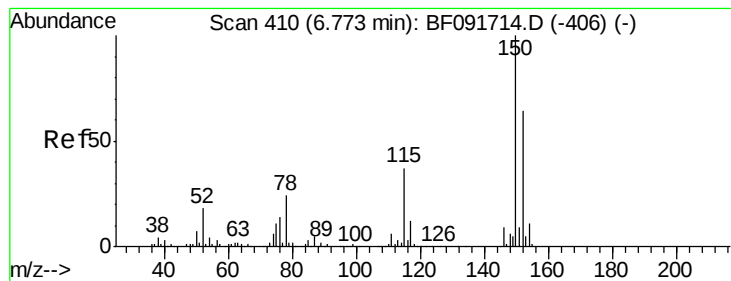
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091827.D

Acq: 20 Dec 2016 18:32

Instrument :

BNA_F

ClientSampleId :

NCC-FILL

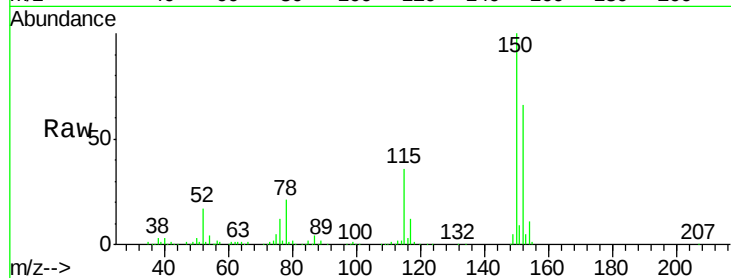
Tgt Ion:152 Resp: 187316

Ion Ratio Lower Upper

152 100

150 152.5 124.9 187.3

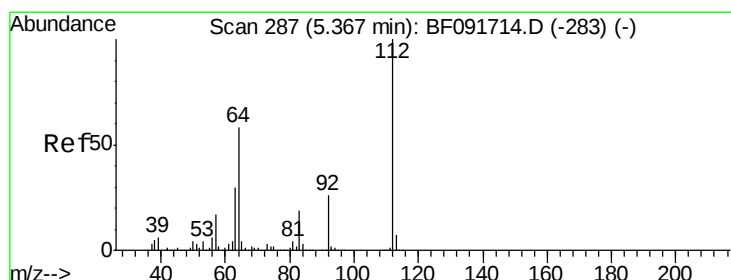
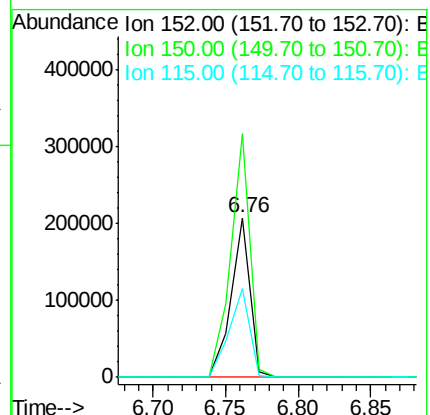
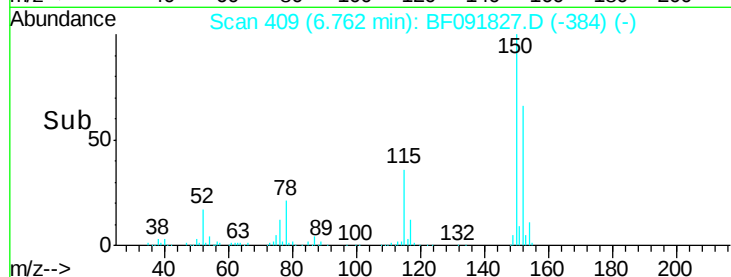
115 55.5 46.0 69.0



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: 107.95 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091827.D

Acq: 20 Dec 2016 18:32

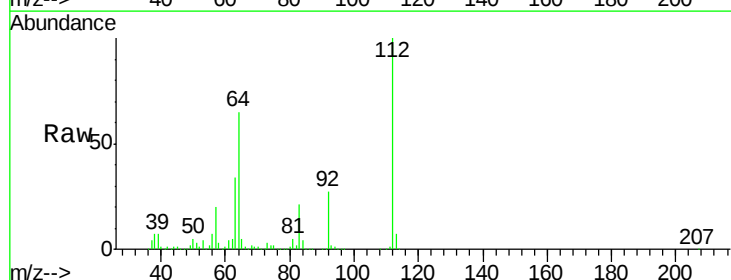
Tgt Ion:112 Resp: 1206880

Ion Ratio Lower Upper

112 100

64 65.4 46.1 69.1

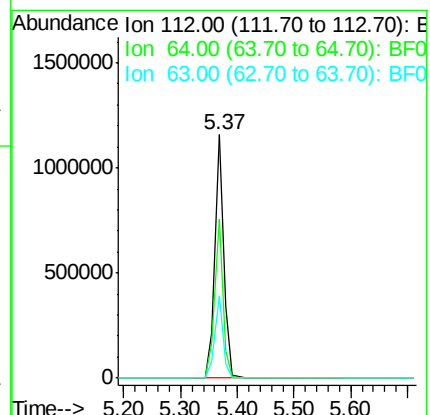
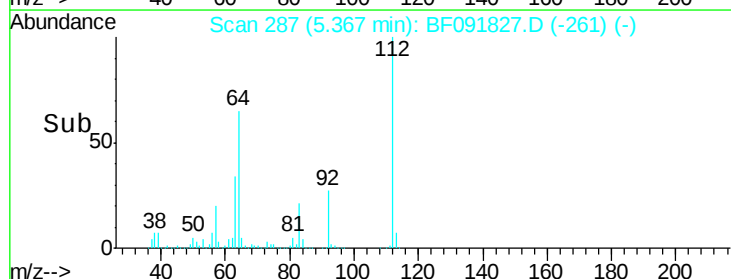
63 33.6 23.8 35.6

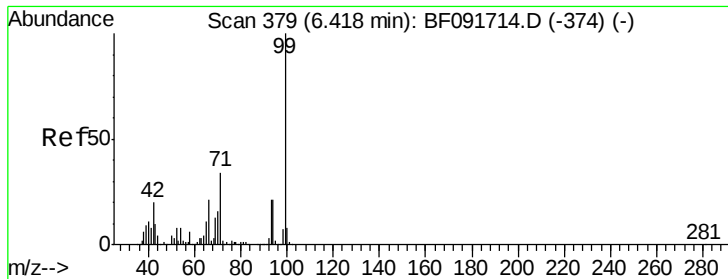


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.60 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091827.D

Acq: 20 Dec 2016 18:32

Instrument :

BNA_F

ClientSampleId :

NCC-FILL

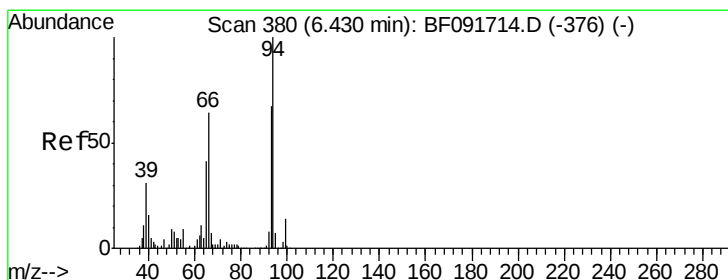
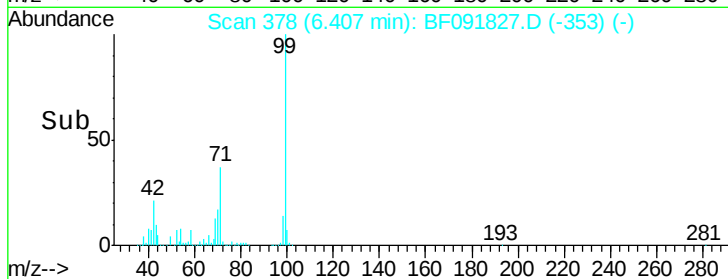
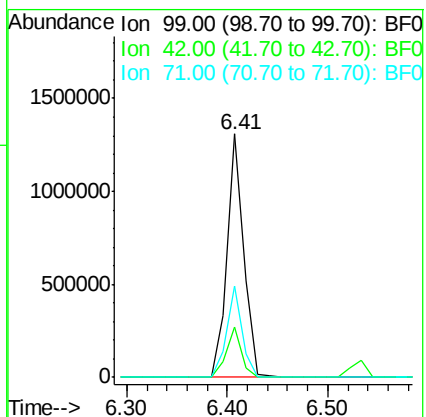
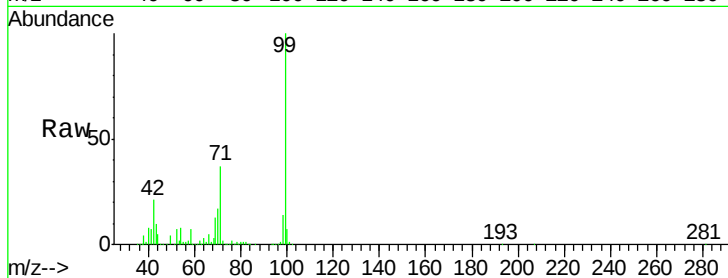
Tgt Ion: 99 Resp: 1508059

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

71 37.3 27.5 41.3



#10

Phenol

Concen: 4.25 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091827.D

Acq: 20 Dec 2016 18:32

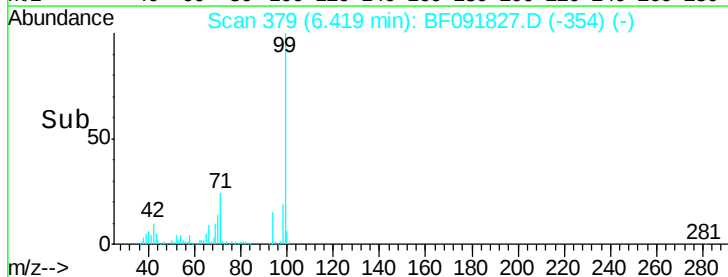
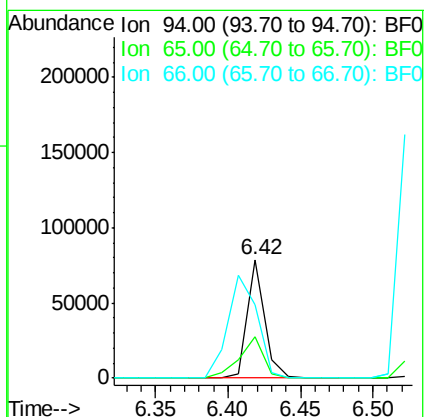
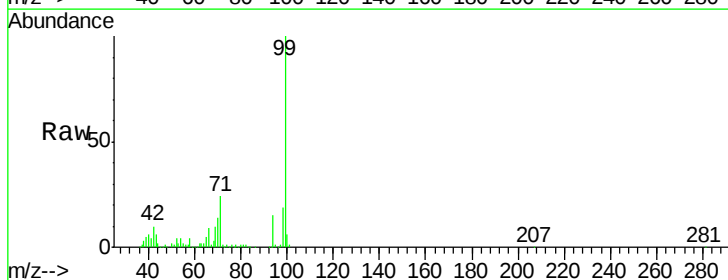
Tgt Ion: 94 Resp: 65321

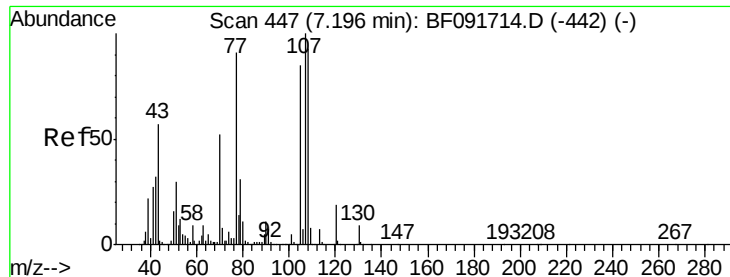
Ion Ratio Lower Upper

94 100

65 35.2 21.4 61.4

66 61.9 44.0 84.0

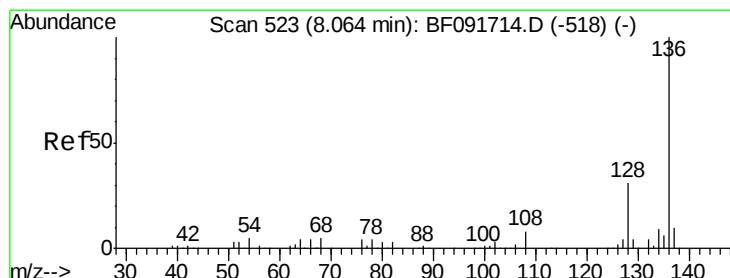
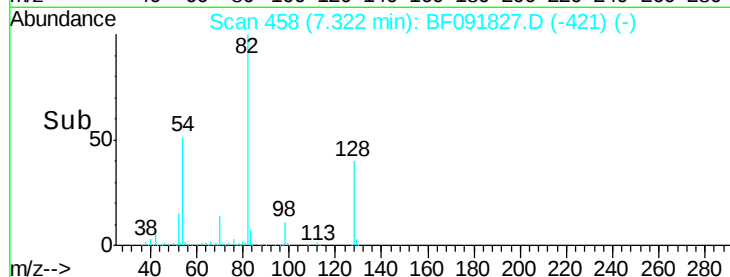
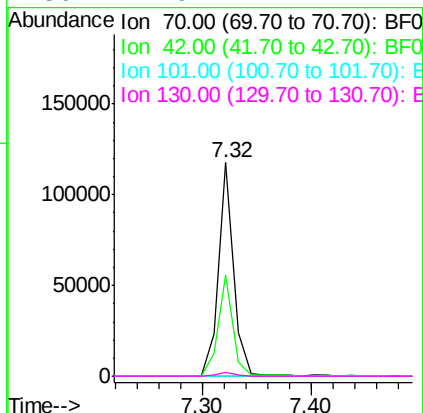
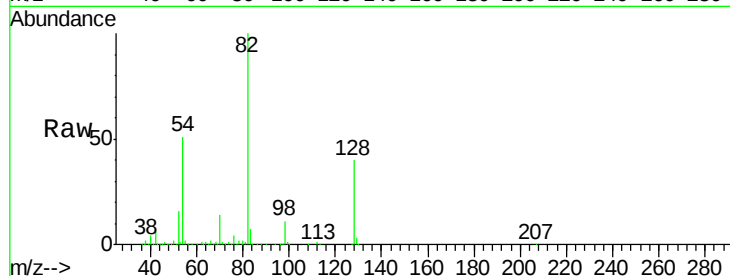




#19
n-Nitroso-di-n-propylamine
Concen: 12.79 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.13 min
Lab File: BF091827.D
Acq: 20 Dec 2016 18:32

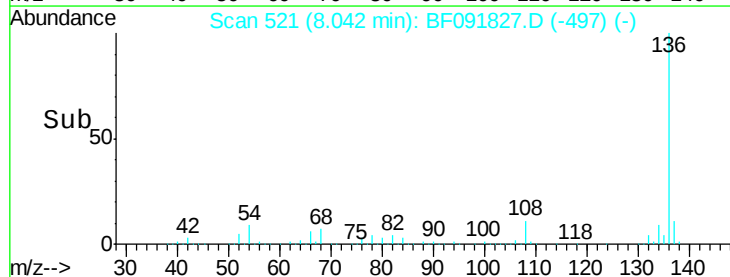
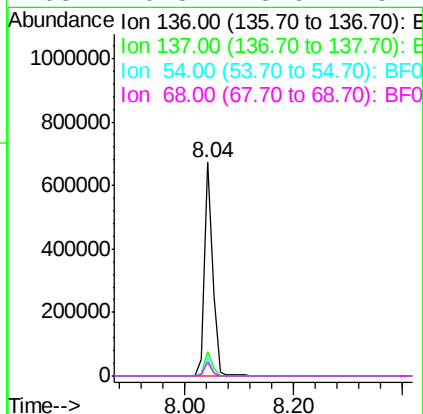
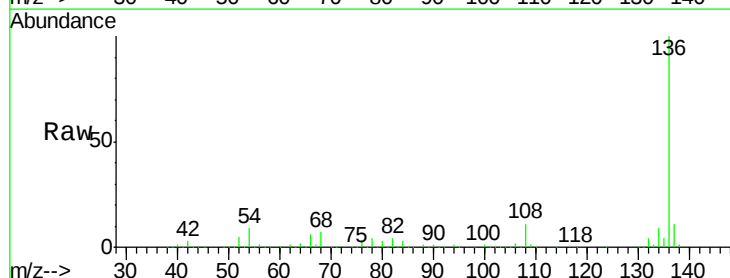
Instrument :
BNA_F
ClientSampleId :
NCC-FILL

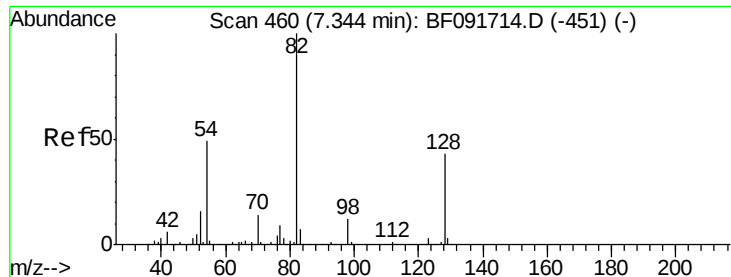
Tgt Ion: 70 Resp: 116027
Ion Ratio Lower Upper
70 100
42 47.5 49.4 74.0#
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091827.D
Acq: 20 Dec 2016 18:32

Tgt Ion: 136 Resp: 694188
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.7 4.5 6.7#
68 6.8 3.6 5.4#

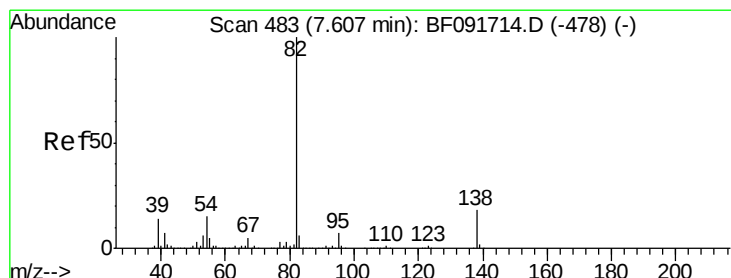
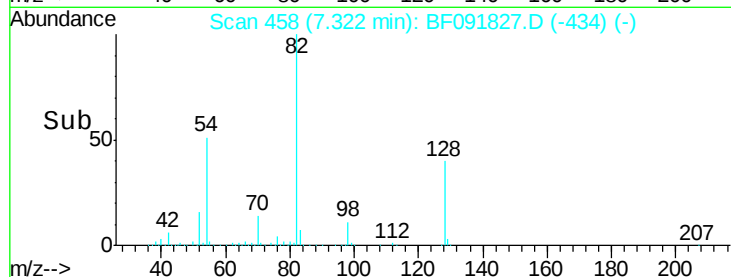
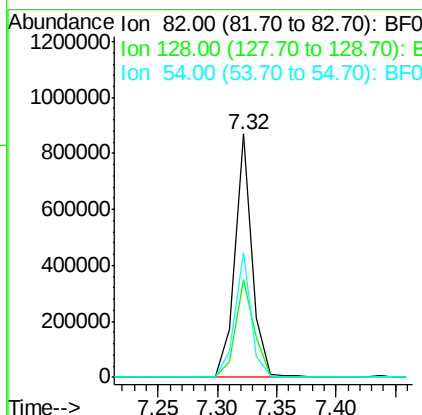
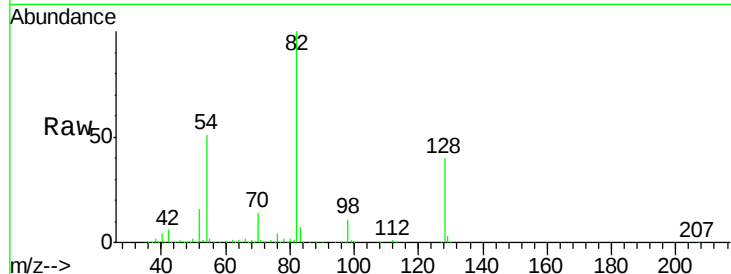




#23
 Nitrobenzene-d5
 Concen: 73.09 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF091827.D
 Acq: 20 Dec 2016 18:32

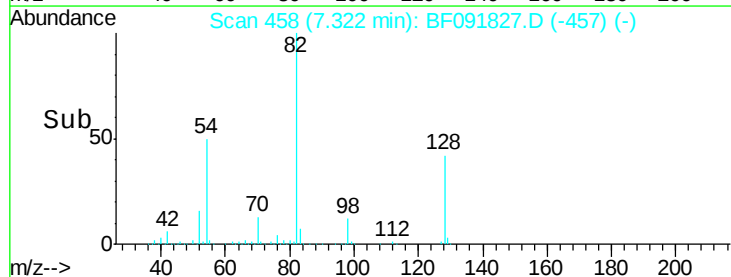
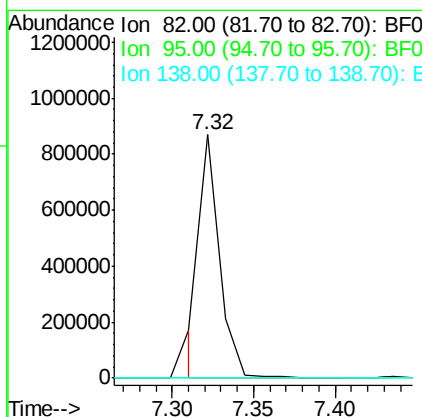
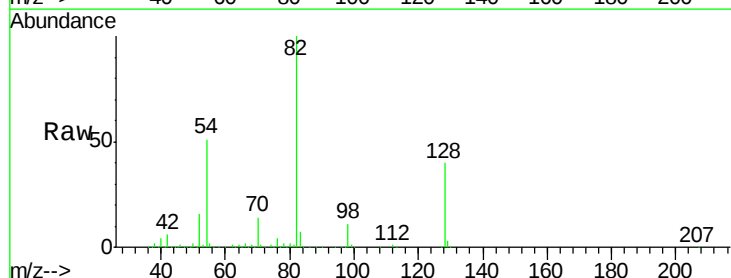
Instrument :
 BNA_F
 ClientSampled :
 NCC-FILL

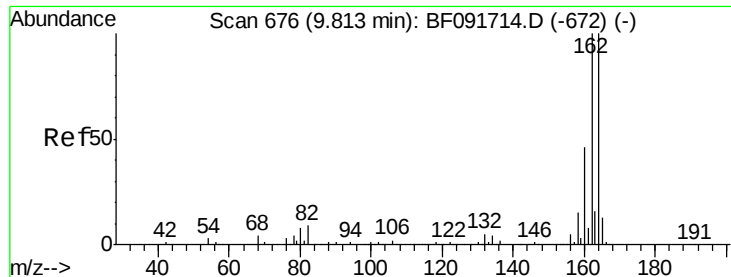
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.6	52.0
54	51.0	39.5	59.3



#25
 Isophorone
 Concen: 32.74 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.29 min
 Lab File: BF091827.D
 Acq: 20 Dec 2016 18:32

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091827.D

Acq: 20 Dec 2016 18:32

Instrument :

BNA_F

ClientSampleId :

NCC-FILL

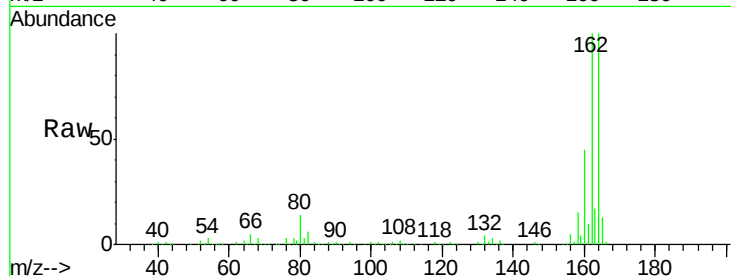
Tgt Ion:164 Resp: 343782

Ion Ratio Lower Upper

164 100

162 99.6 80.2 120.2

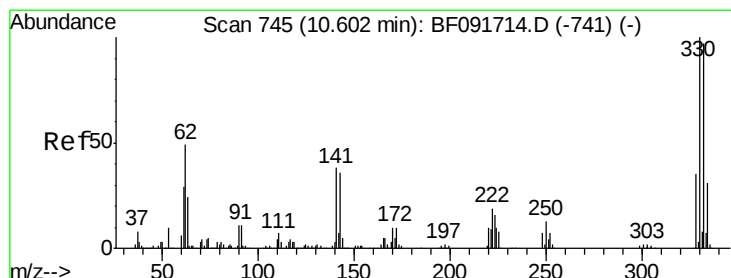
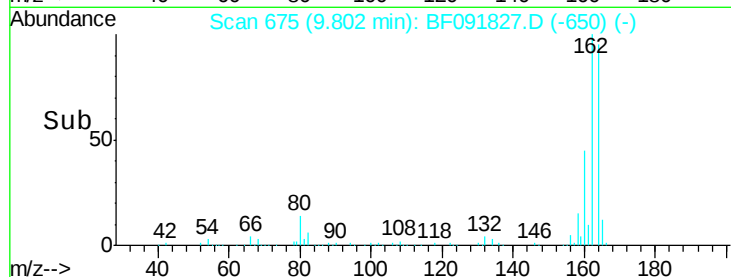
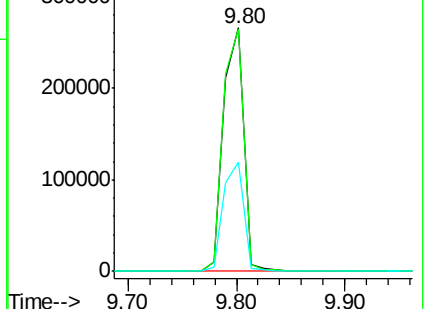
160 44.9 36.9 55.3



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: 103.33 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF091827.D

Acq: 20 Dec 2016 18:32

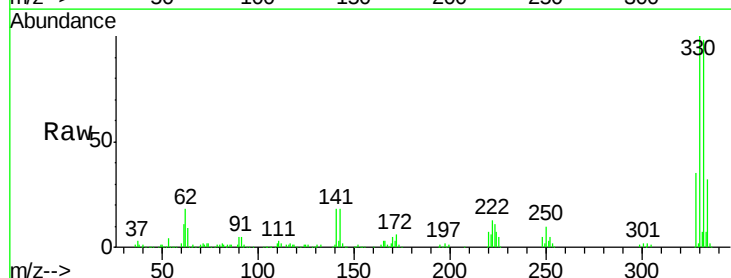
Tgt Ion:330 Resp: 301222

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

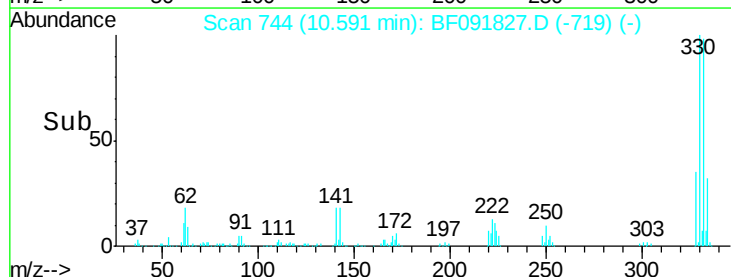
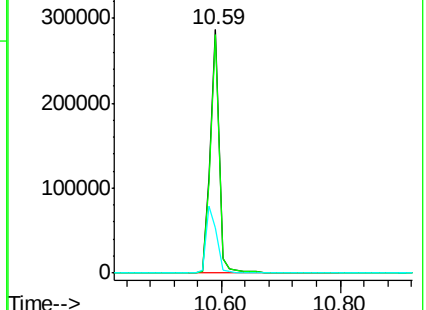
141 33.1 34.1 51.1#

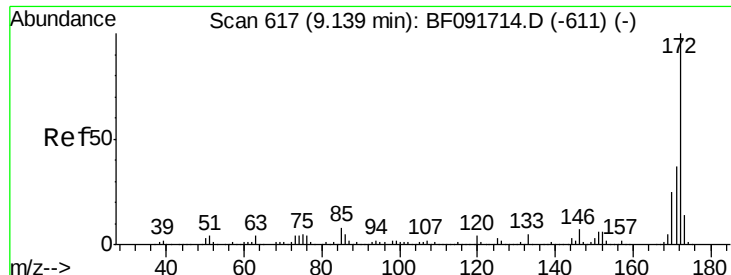


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

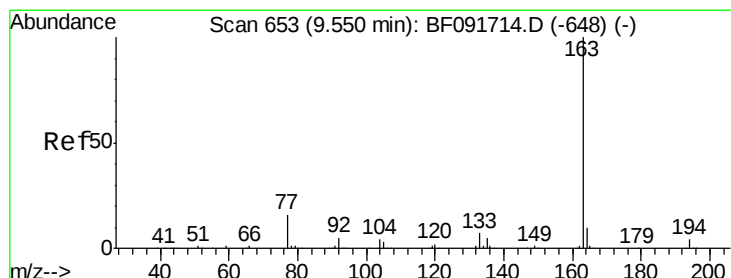
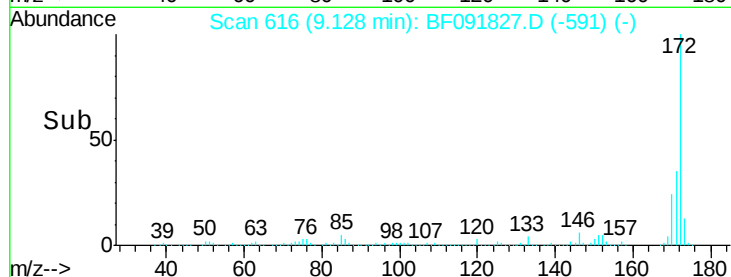
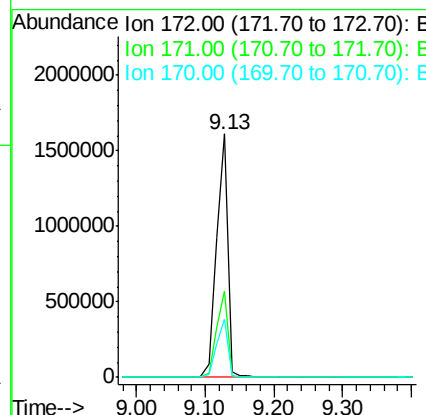
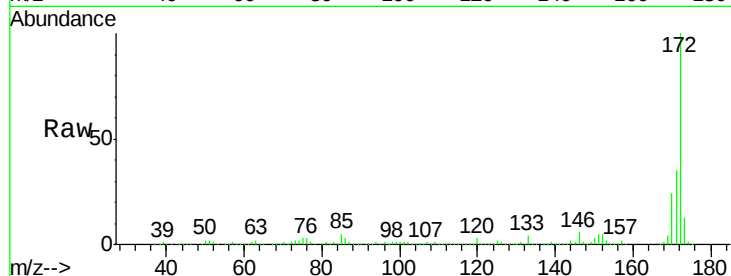




#44
 2-Fluorobiphenyl
 Concen: 108.56 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091827.D
 Acq: 20 Dec 2016 18:32

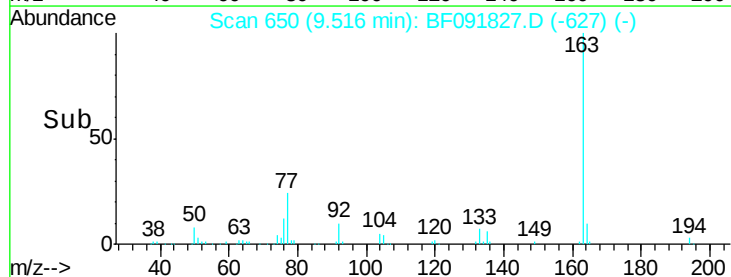
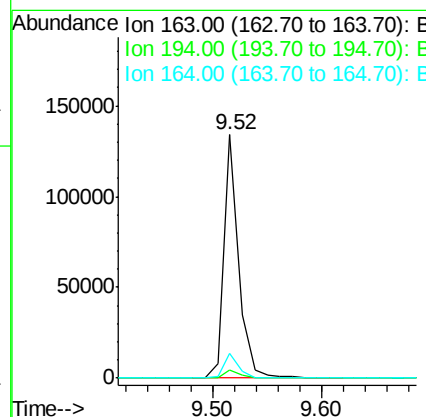
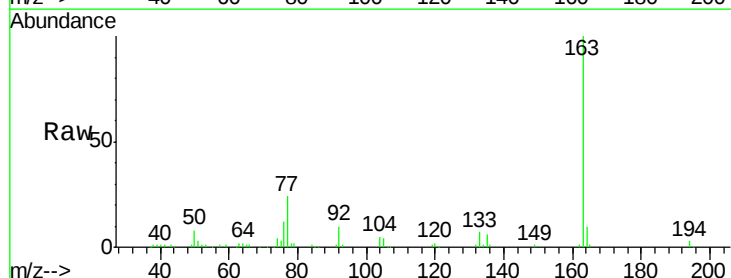
Instrument :
 BNA_F
 ClientSampleId :
 NCC-FILL

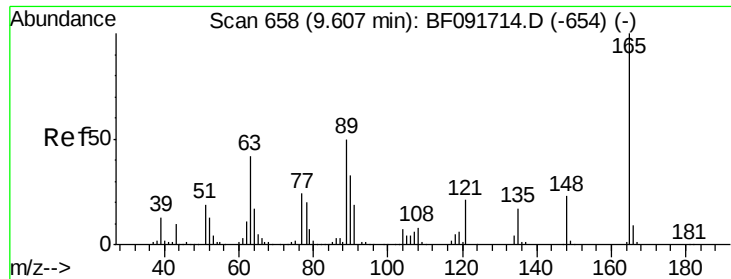
Tgt Ion:172 Resp: 1857610
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.4 44.0
 170 24.0 20.2 30.4



#49
 Dimethylphthalate
 Concen: 5.66 ng
 RT: 9.52 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF091827.D
 Acq: 20 Dec 2016 18:32

Tgt Ion:163 Resp: 127071
 Ion Ratio Lower Upper
 163 100
 194 3.1 3.0 4.4
 164 10.3 8.0 12.0

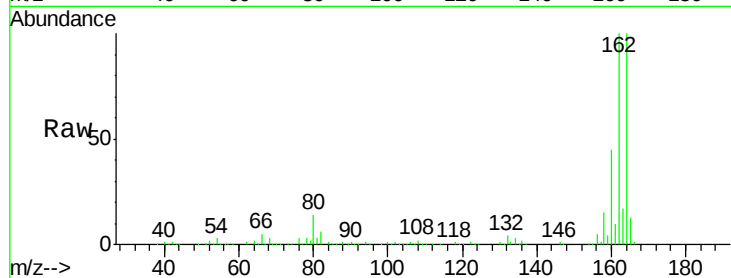




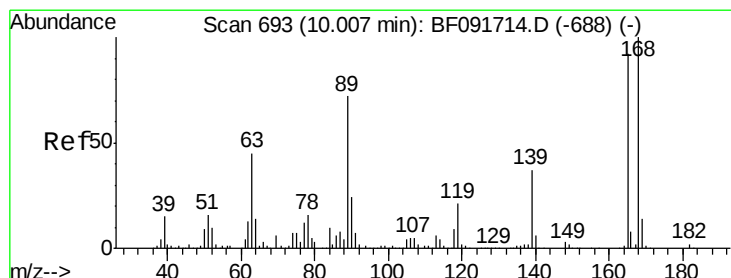
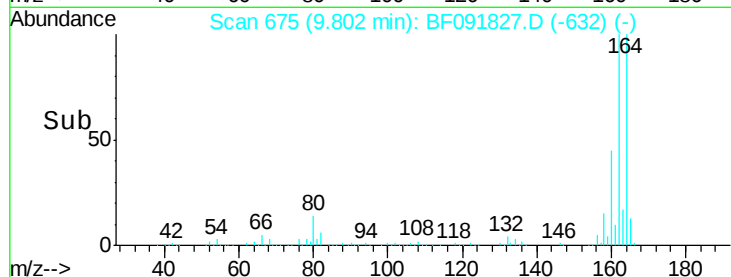
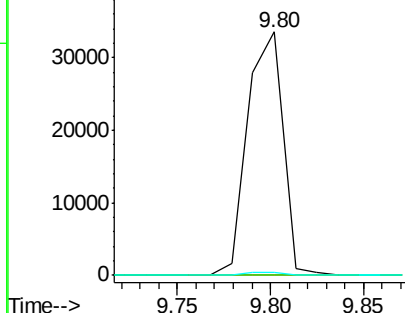
#50
 2,6-Dinitrotoluene
 Concen: 8.99 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF091827.D
 Acq: 20 Dec 2016 18:32

Instrument :
 BNA_F
 ClientSampleId :
 NCC-FILL

Tgt Ion:165 Resp: 44242
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.2 54.4#
 89 1.0 40.2 60.4#



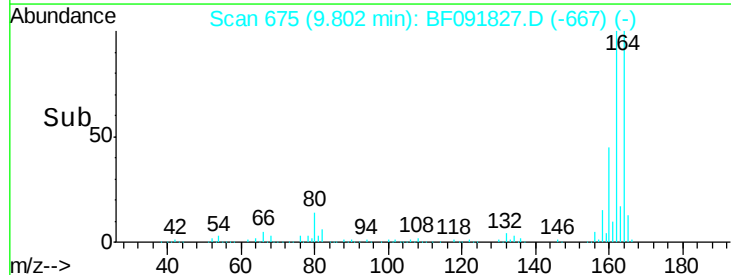
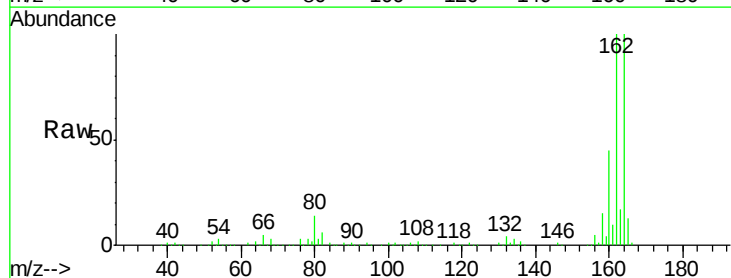
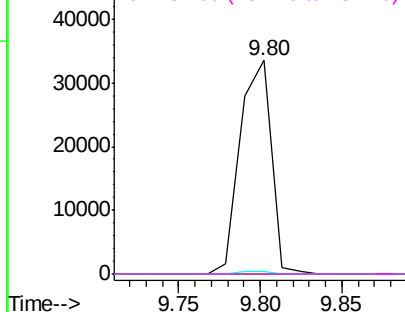
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

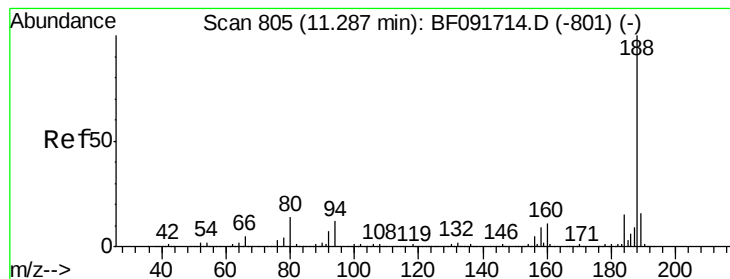


#56
 2,4-Dinitrotoluene
 Concen: 7.19 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF091827.D
 Acq: 20 Dec 2016 18:32

Tgt Ion:165 Resp: 44245
 Ion Ratio Lower Upper
 165 100
 63 0.0 40.2 60.4#
 89 1.0 62.5 93.7#
 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: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF091827.D

Acq: 20 Dec 2016 18:32

Instrument :

BNA_F

ClientSampleId :

NCC-FILL

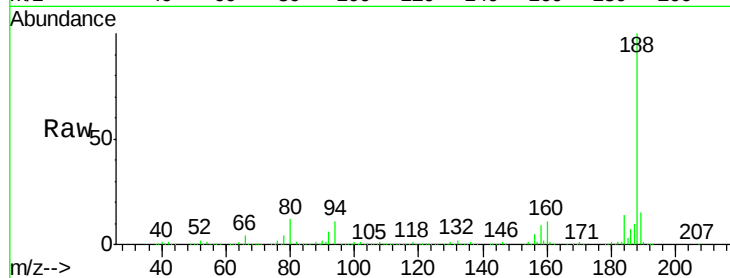
Tgt Ion:188 Resp: 536806

Ion Ratio Lower Upper

188 100

94 11.5 10.0 15.0

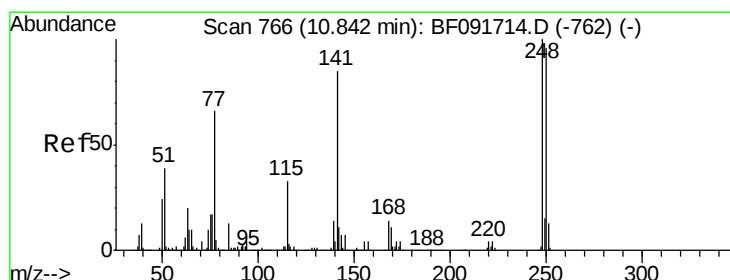
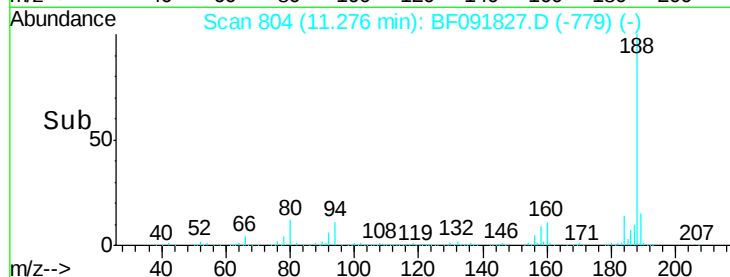
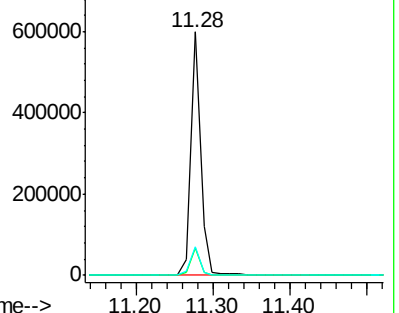
80 11.7 11.2 16.8



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: 3.24 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.25 min

Lab File: BF091827.D

Acq: 20 Dec 2016 18:32

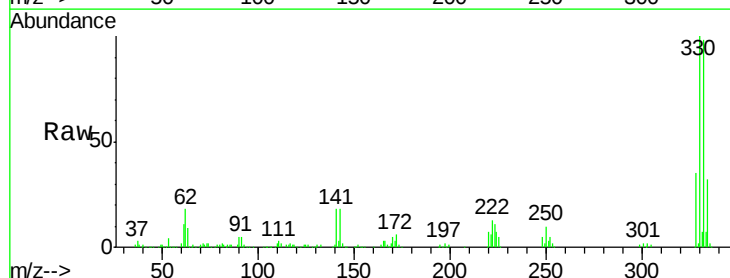
Tgt Ion:248 Resp: 18241

Ion Ratio Lower Upper

248 100

250 202.5 76.9 115.3#

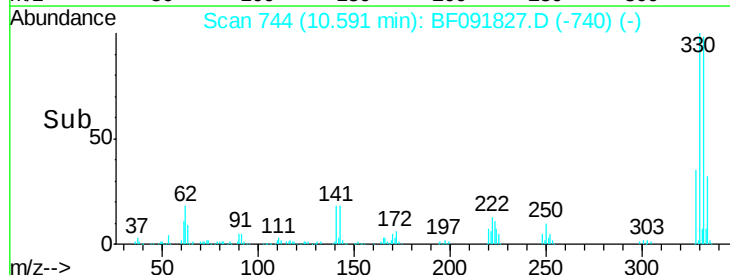
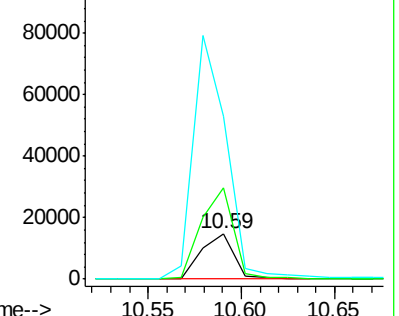
141 358.9 68.2 102.4#

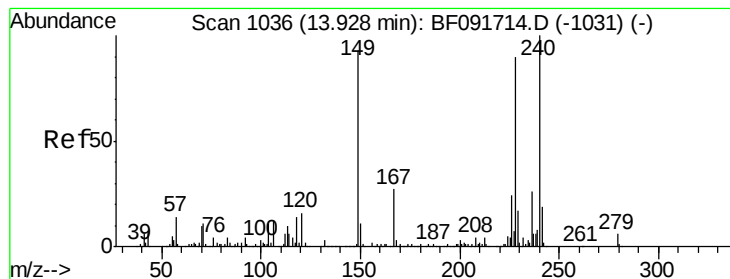


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091827.D

Acq: 20 Dec 2016 18:32

Instrument :

BNA_F

ClientSampleId :

NCC-FILL

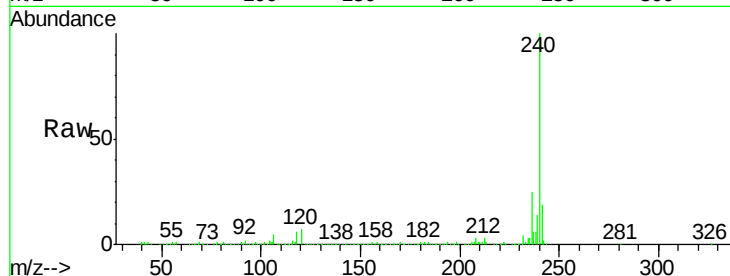
Tgt Ion:240 Resp: 452947

Ion Ratio Lower Upper

240 100

120 7.2 12.9 19.3#

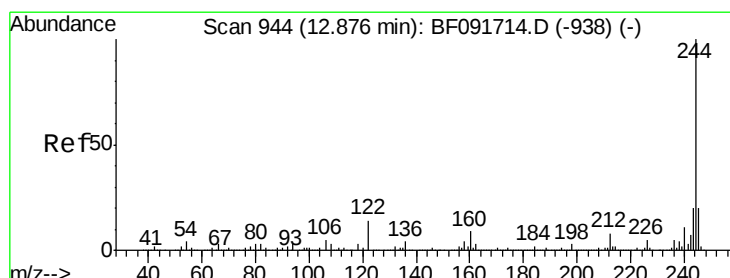
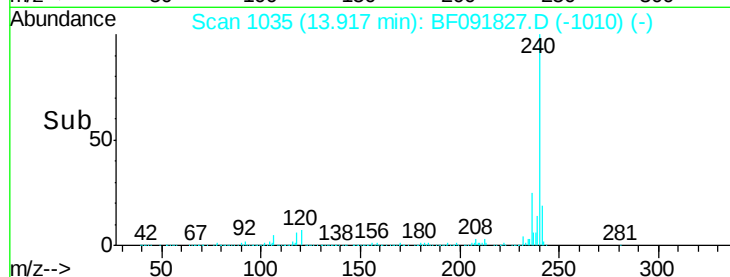
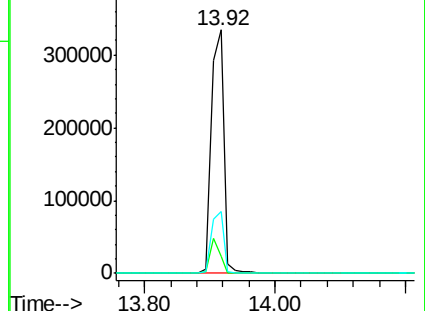
236 25.3 20.9 31.3



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: 77.26 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091827.D

Acq: 20 Dec 2016 18:32

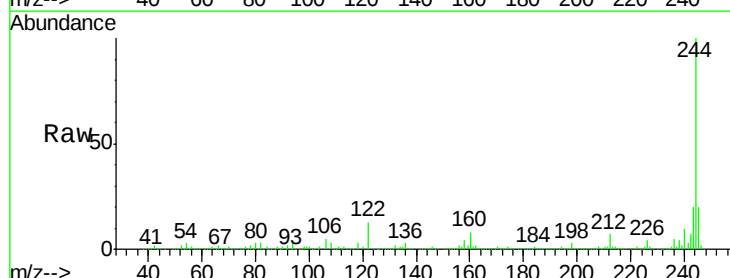
Tgt Ion:244 Resp: 1386039

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

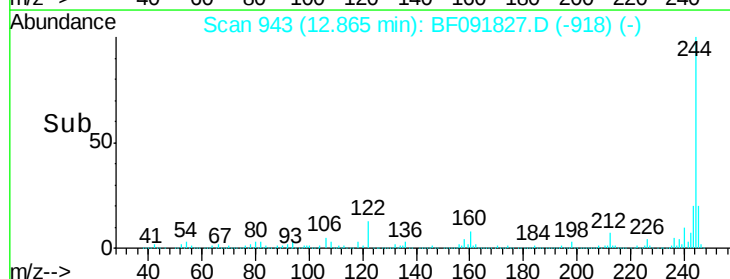
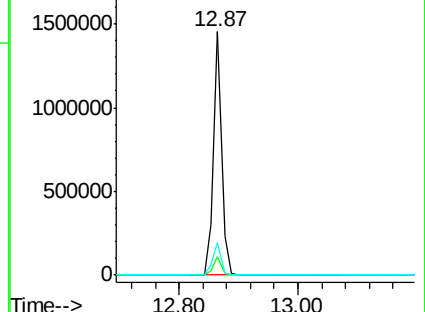
122 13.4 11.4 17.2

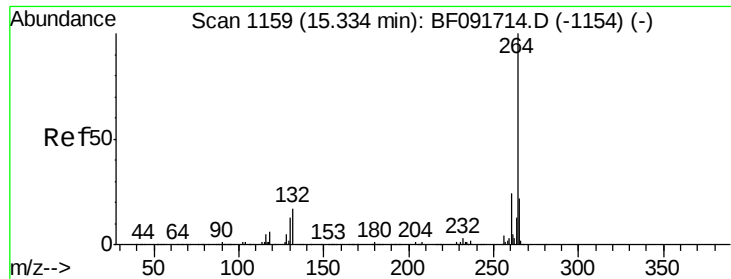


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

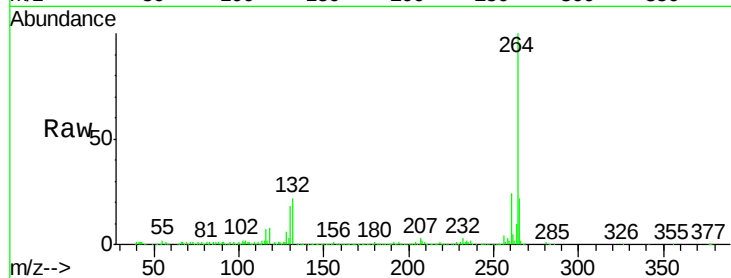




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF091827.D
Acq: 20 Dec 2016 18:32

Instrument :
BNA_F
ClientSampleId :
NCC-FILL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.4	17.4	26.0



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

