

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
 Data File : BF091677.D
 Acq On : 16 Dec 2016 17:20
 Operator : UM/SJ
 Sample : PB95306BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95306BL

Quant Time: Dec 16 21:59:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

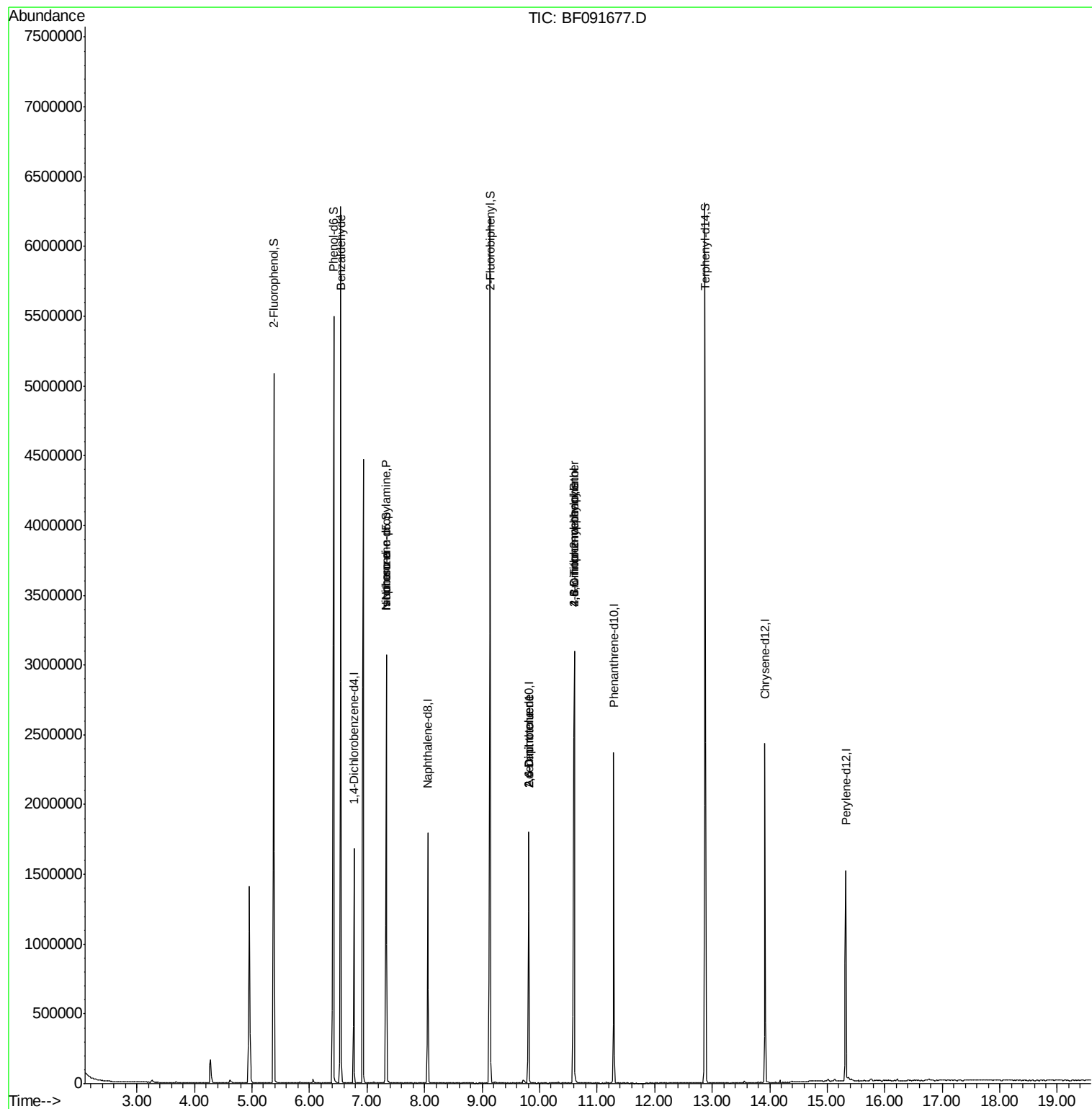
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	245188	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	951044	20.00	ng	-0.02
38) Acenaphthene-d10	9.81	164	528042	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	838618	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	813637	20.00	ng	-0.02
86) Perylene-d12	15.32	264	677760	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1632158	112.15	ng	0.00
7) Phenol-d6	6.42	99	2144291	118.19	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1270404	74.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	535397	122.07	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	2319508	75.90	ng	-0.01
78) Terphenyl-d14	12.88	244	2450309	68.34	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.54	77	46700	3.74	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.33	70	168090	14.82	ng	# 64
25) Isophorone	7.33	82	990817	32.71	ng	# 67
50) 2,6-Dinitrotoluene	9.81	165	69038	9.41	ng	# 16
56) 2,4-Dinitrotoluene	9.81	165	69038	7.51	ng	# 33
57) Fluorene	10.60	166	22899	Below Cal		# 94
64) 4,6-Dinitro-2-methylphenol	10.60	198	1196	3.17	ng	# 70
66) 4-Bromophenyl-phenylether	10.60	248	35798	4.16	ng	# 1

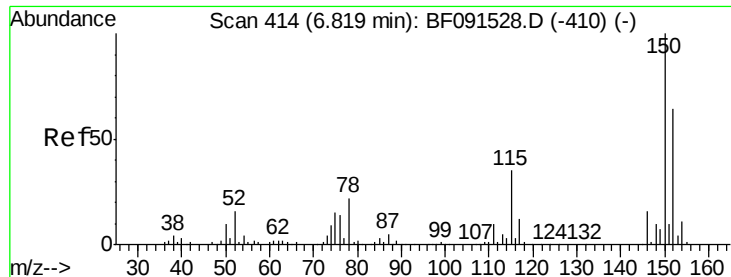
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 16 00:35:41 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091677.D

Acq: 16 Dec 2016 17:20

Instrument :

BNA_F

ClientSampleId :

PB95306BL

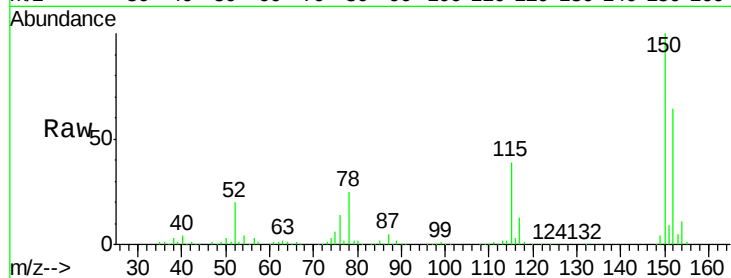
Tgt Ion:152 Resp: 245188

Ion Ratio Lower Upper

152 100

150 155.4 122.5 183.7

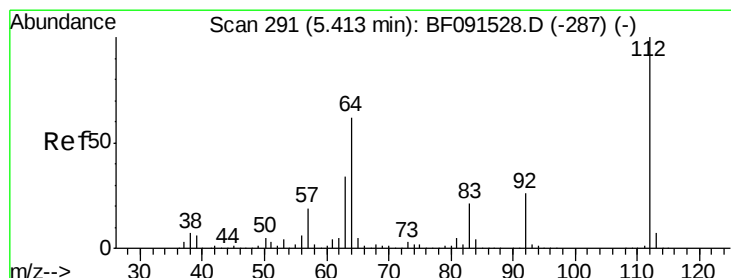
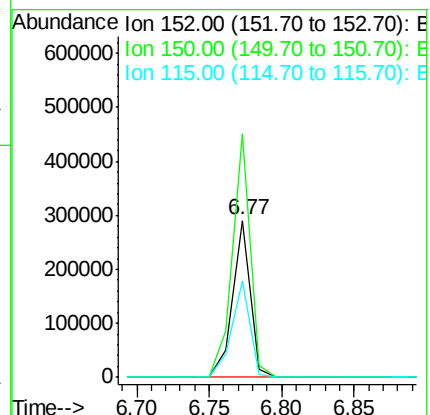
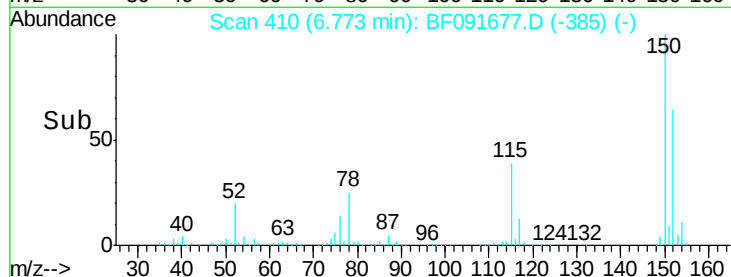
115 61.3 51.8 77.8



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: 112.15 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF091677.D

Acq: 16 Dec 2016 17:20

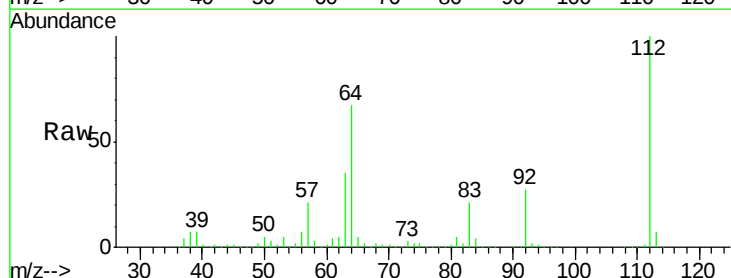
Tgt Ion:112 Resp: 1632158

Ion Ratio Lower Upper

112 100

64 66.6 61.5 92.3

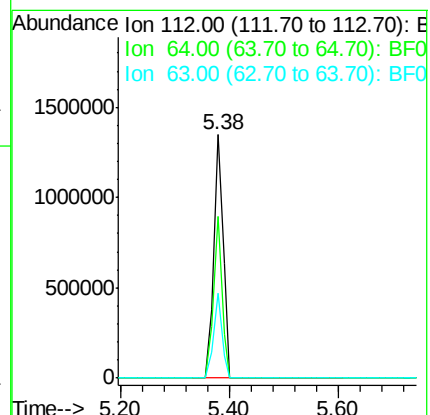
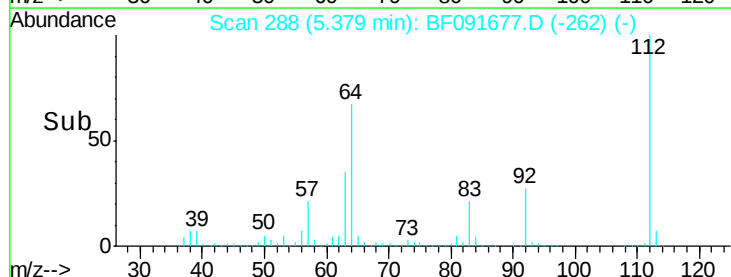
63 35.0 33.3 49.9



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: 118.19 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091677.D

Acq: 16 Dec 2016 17:20

Instrument :

BNA_F

ClientSampleId :

PB95306BL

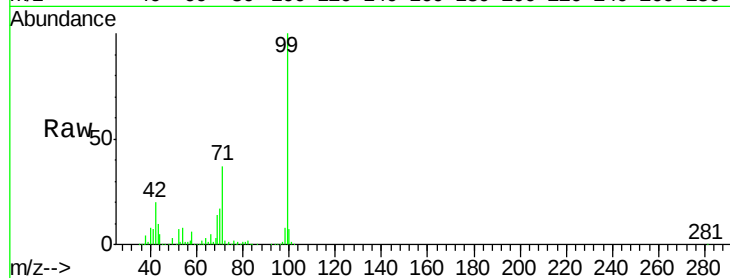
Tgt Ion: 99 Resp: 2144291

Ion Ratio Lower Upper

99 100

42 19.8 20.6 31.0#

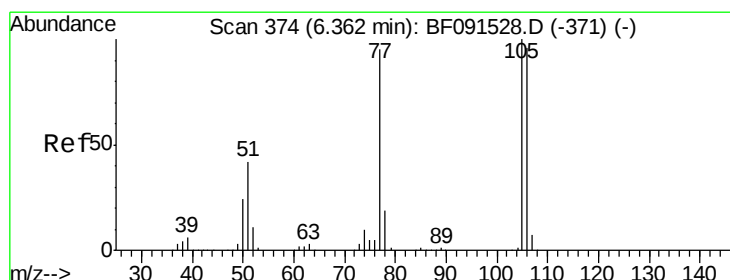
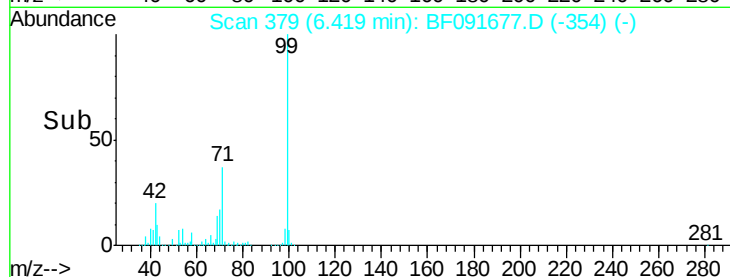
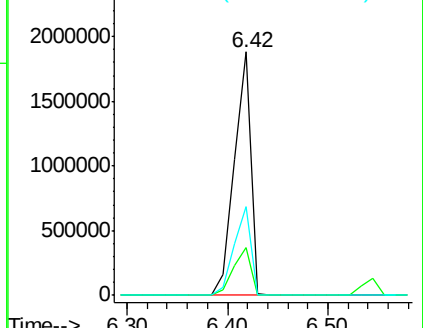
71 36.7 29.9 44.9



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: 3.74 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF091677.D

Acq: 16 Dec 2016 17:20

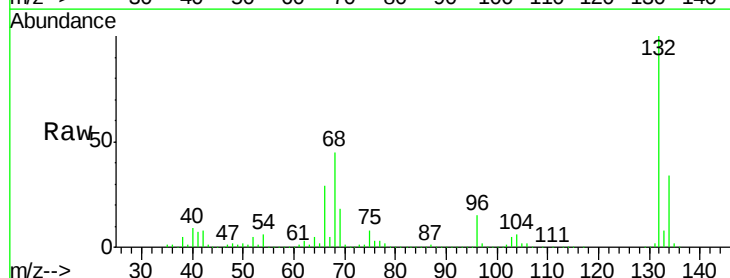
Tgt Ion: 77 Resp: 46700

Ion Ratio Lower Upper

77 100

105 76.9 66.4 106.4

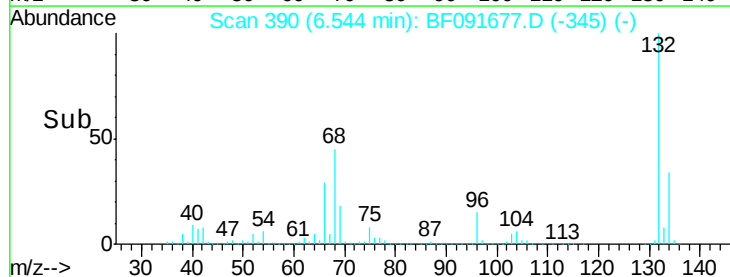
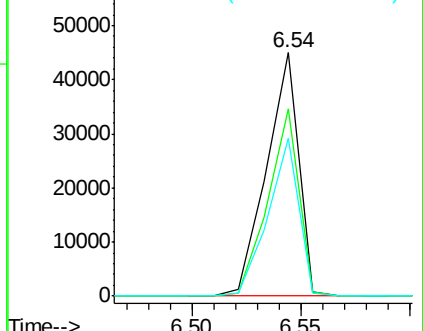
106 64.9 60.9 100.9

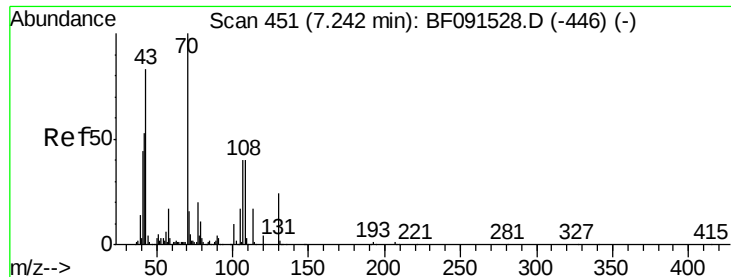


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

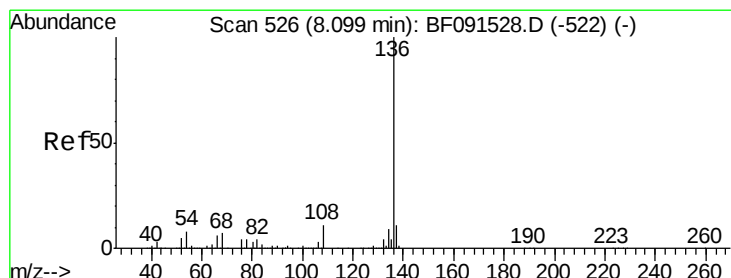
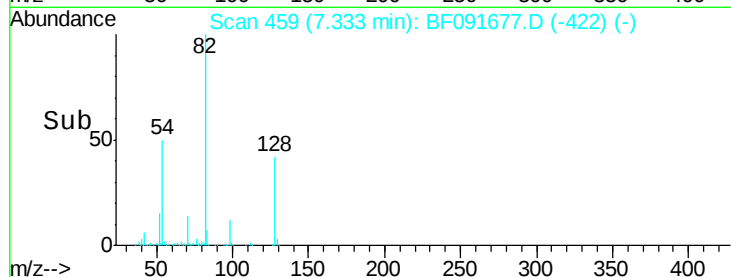
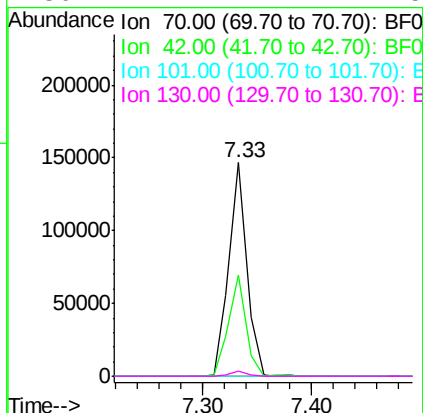
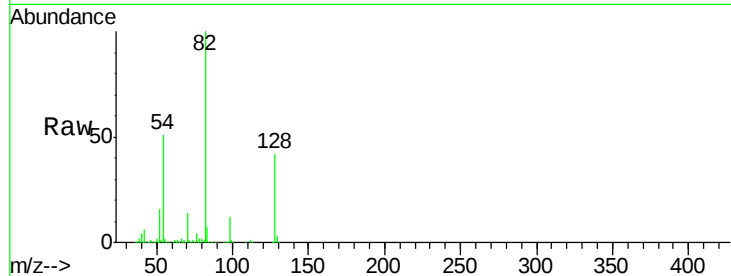




#19
n-Nitroso-di-n-propylamine
Concen: 14.82 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.13 min
Lab File: BF091677.D
Acq: 16 Dec 2016 17:20

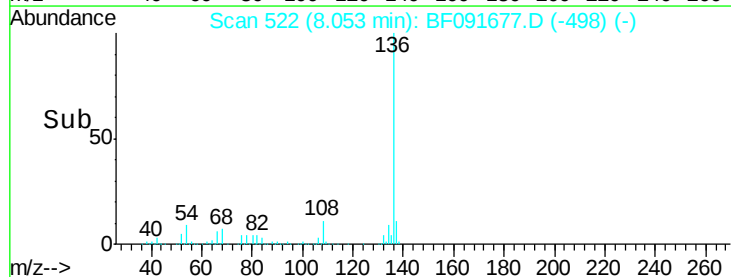
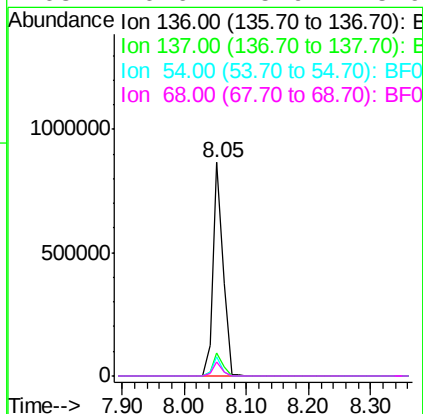
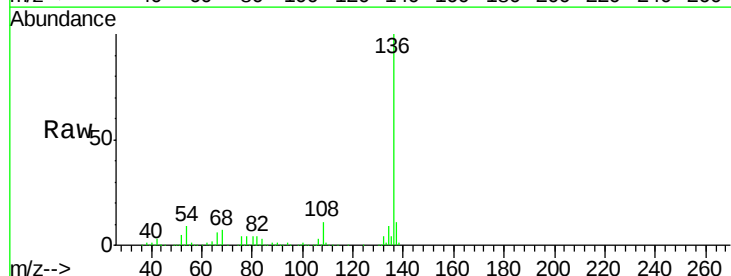
Instrument :
BNA_F
ClientSampleId :
PB95306BL

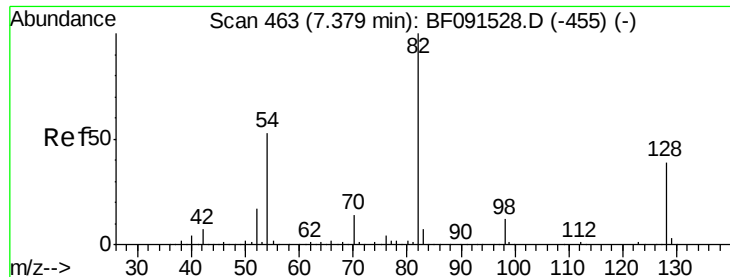
Tgt Ion: 70 Resp: 168090
Ion Ratio Lower Upper
70 100
42 47.4 64.8 97.2#
101 0.0 6.2 9.4#
130 2.2 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF091677.D
Acq: 16 Dec 2016 17:20

Tgt Ion:136 Resp: 951044
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.9 9.1 13.7#
68 6.6 5.9 8.9

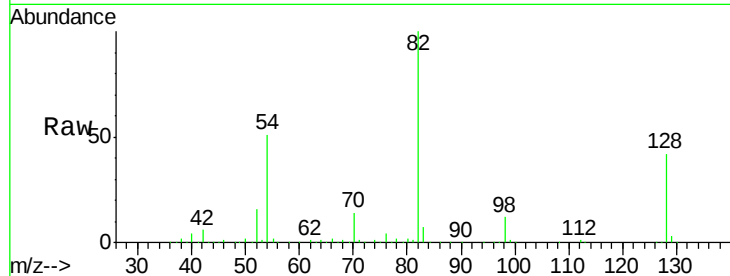




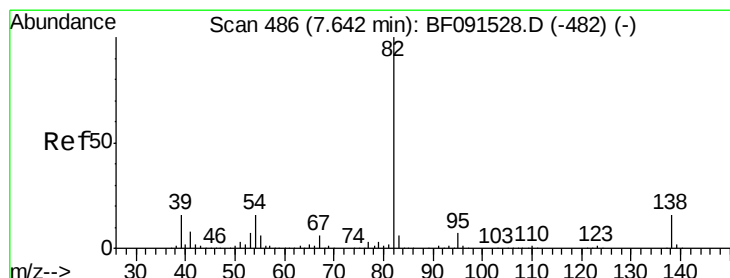
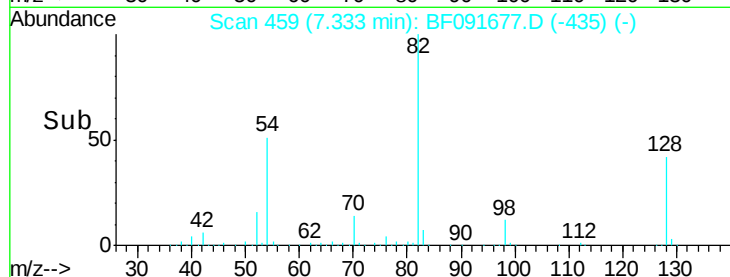
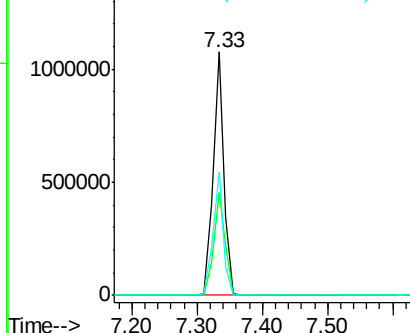
#23
Nitrobenzene-d5
Concen: 74.55 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF091677.D
Acq: 16 Dec 2016 17:20

Instrument :
BNA_F
ClientSampleId :
PB95306BL

Tgt Ion: 82 Resp: 1270404
Ion Ratio Lower Upper
82 100
128 42.4 31.8 47.6
54 50.5 49.1 73.7

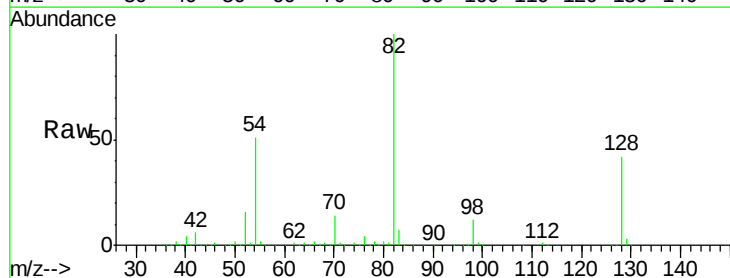


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

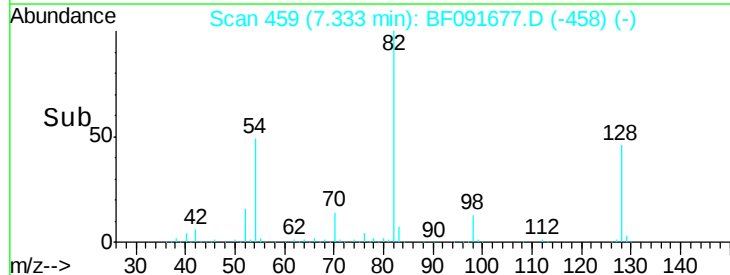
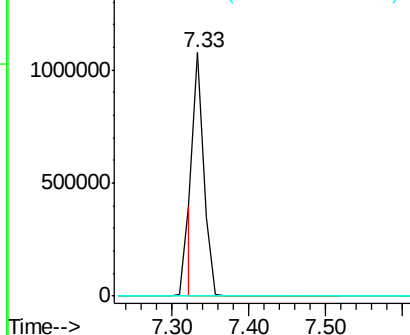


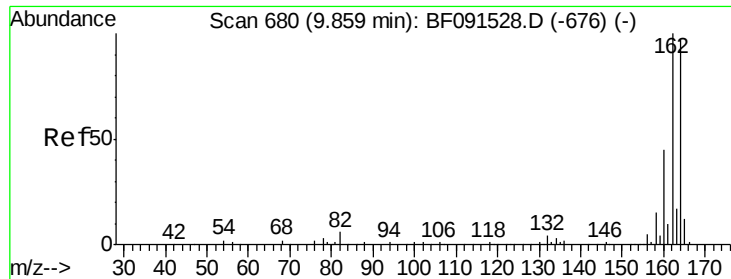
#25
Isophorone
Concen: 32.71 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.29 min
Lab File: BF091677.D
Acq: 16 Dec 2016 17:20

Tgt Ion: 82 Resp: 990817
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.0#



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

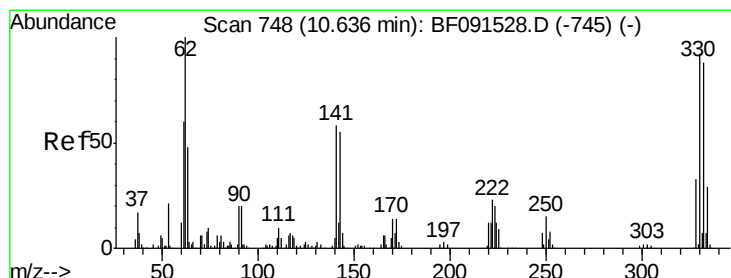
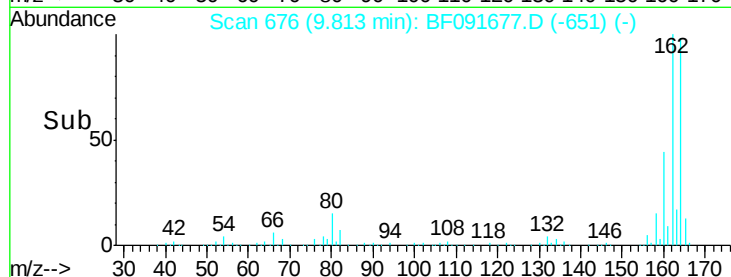
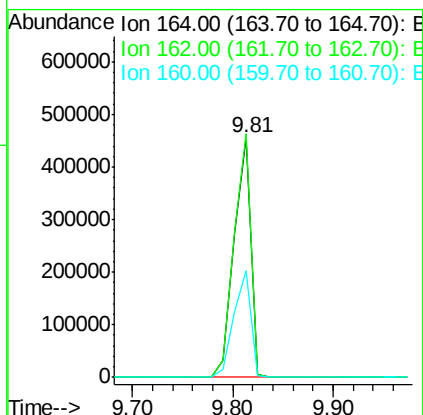
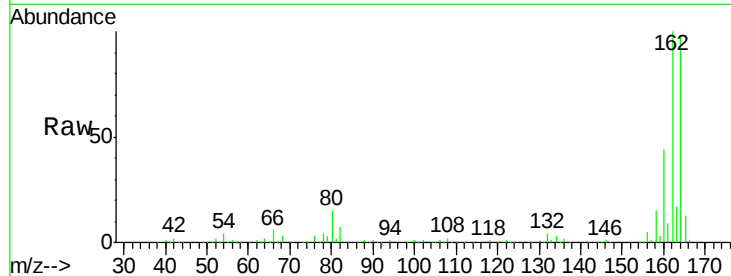




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF091677.D
 Acq: 16 Dec 2016 17:20

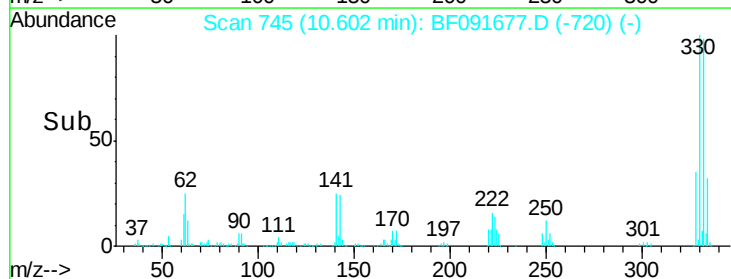
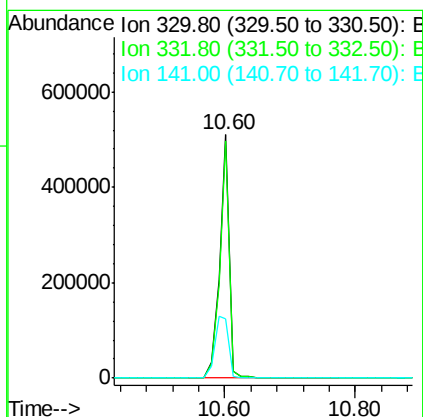
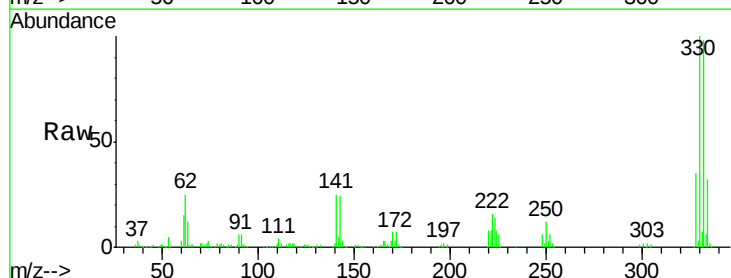
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 BNA_F
 ClientSampleId :
 PB95306BL

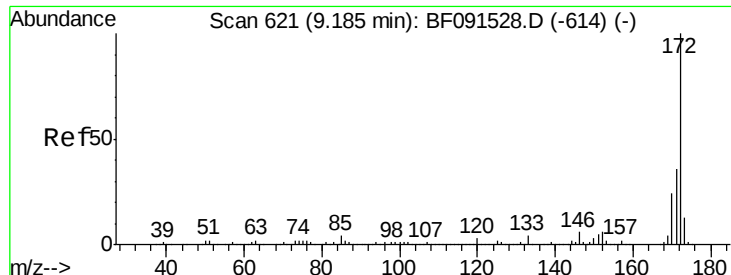
Tgt Ion:164 Resp: 528042
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 124.0
 160 44.7 36.7 55.1



#41
 2,4,6-Tribromophenol
 Concen: 122.07 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF091677.D
 Acq: 16 Dec 2016 17:20

Tgt Ion:330 Resp: 535397
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.2 114.4
 141 36.8 33.6 50.4

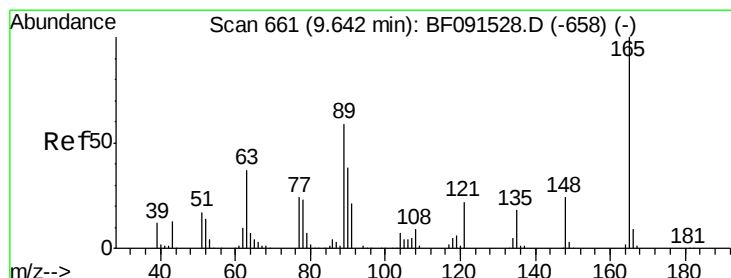
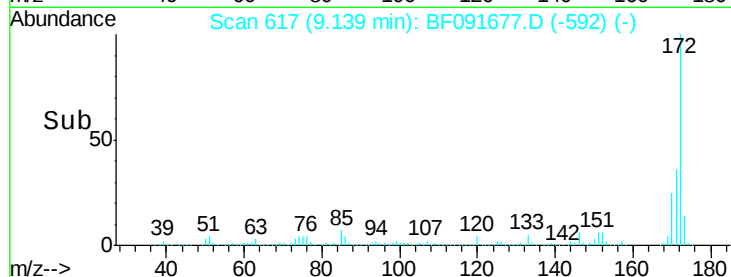
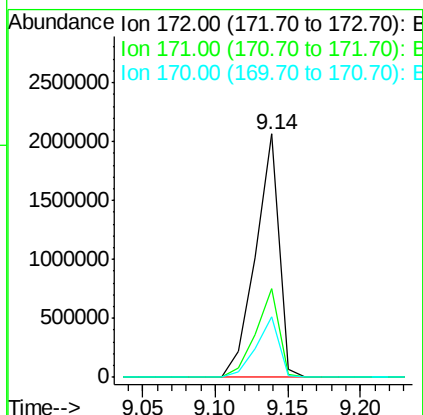
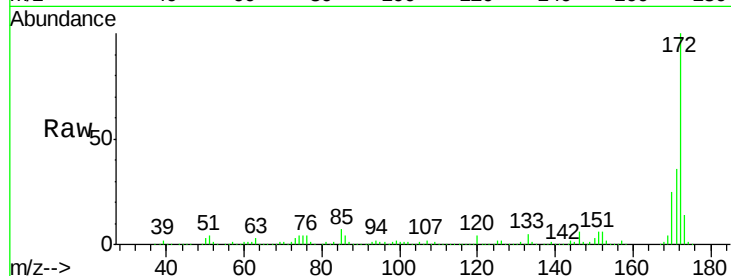




#44
 2-Fluorobiphenyl
 Concen: 75.90 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF091677.D
 Acq: 16 Dec 2016 17:20

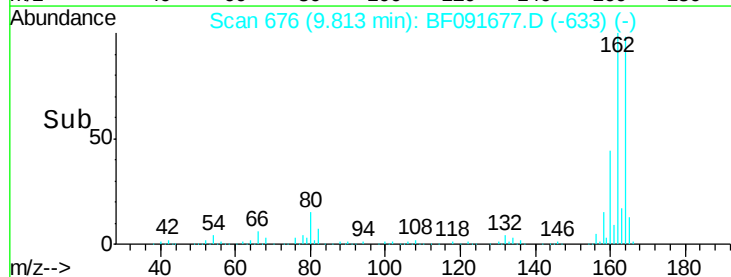
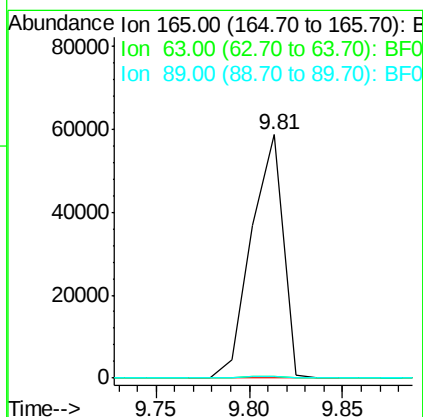
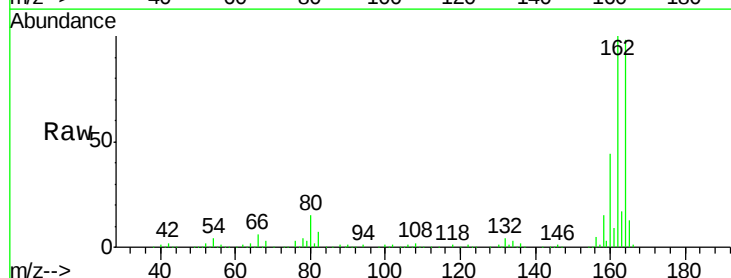
Instrument :
 BNA_F
 ClientSampled :
 PB95306BL

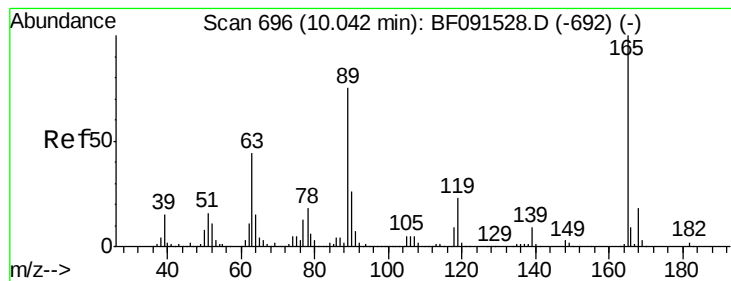
Tgt Ion:172 Resp: 2319508
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.7 19.7 29.5



#50
 2,6-Dinitrotoluene
 Concen: 9.41 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.19 min
 Lab File: BF091677.D
 Acq: 16 Dec 2016 17:20

Tgt Ion:165 Resp: 69038
 Ion Ratio Lower Upper
 165 100
 63 0.7 59.4 89.0#
 89 0.9 50.8 76.2#





#56

2,4-Dinitrotoluene

Concen: 7.51 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.21 min

Lab File: BF091677.D

Acq: 16 Dec 2016 17:20

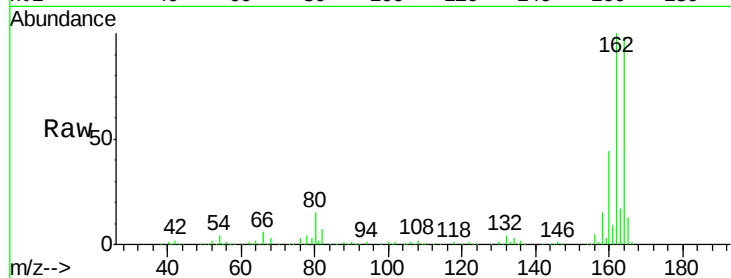
Instrument :

BNA_F

ClientSampleId :

PB95306BL

Tgt Ion:	165	Resp:	69038
Ion Ratio	Lower	Upper	
165	100		
63	0.7	29.0	43.4#
89	0.9	43.1	64.7#
182	0.0	1.9	2.9#

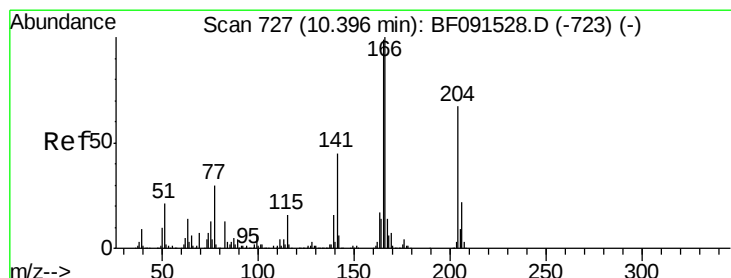
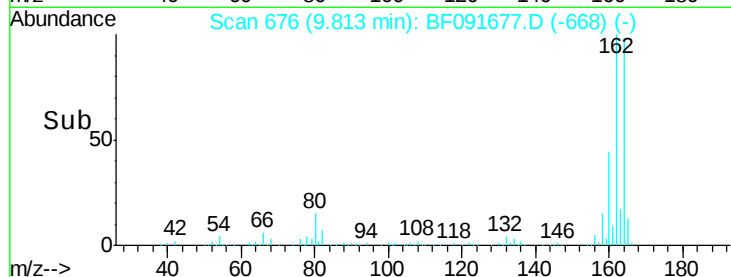
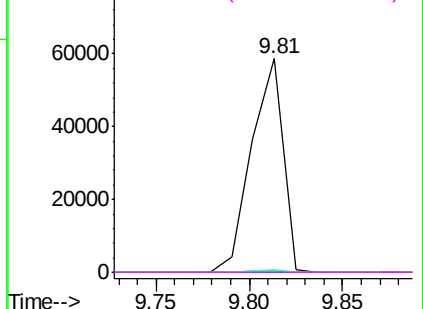


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: Below Cal

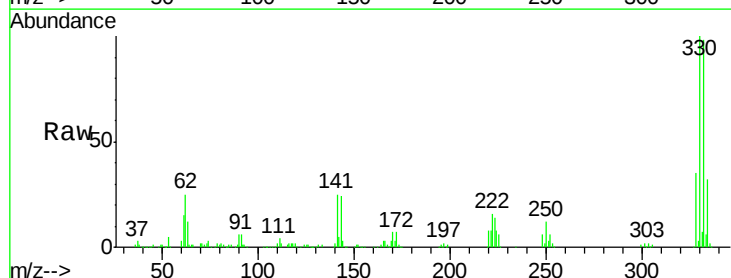
RT: 10.60 min Scan# 745

Delta R.T. 0.23 min

Lab File: BF091677.D

Acq: 16 Dec 2016 17:20

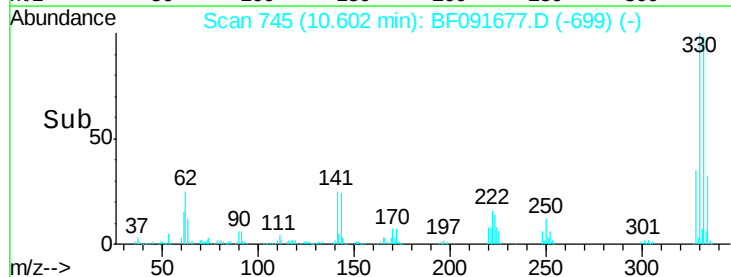
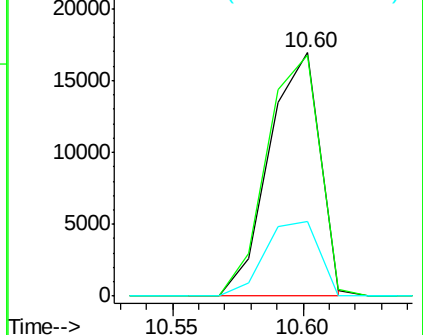
Tgt Ion:	166	Resp:	22899
Ion Ratio	Lower	Upper	
166	100		
165	99.0	80.0	120.0
167	30.4	10.8	16.2#

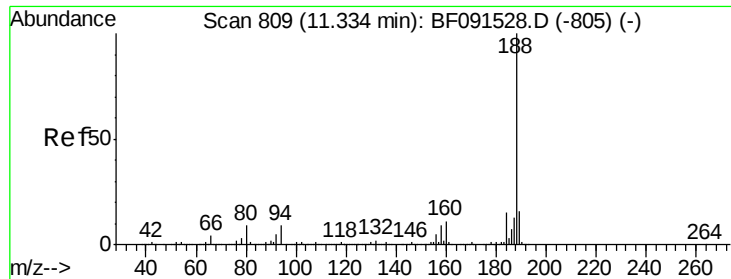


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

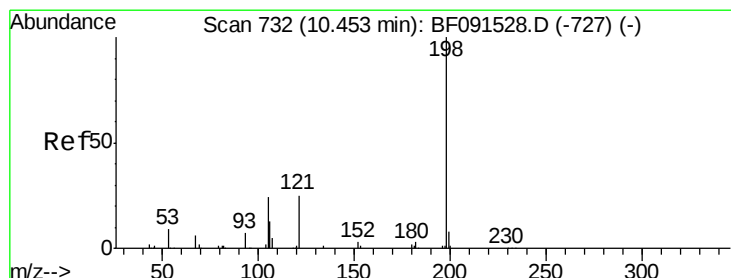
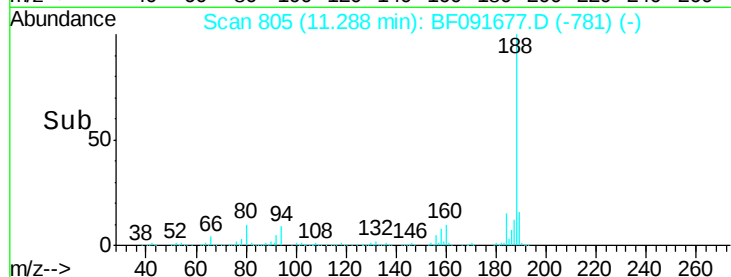
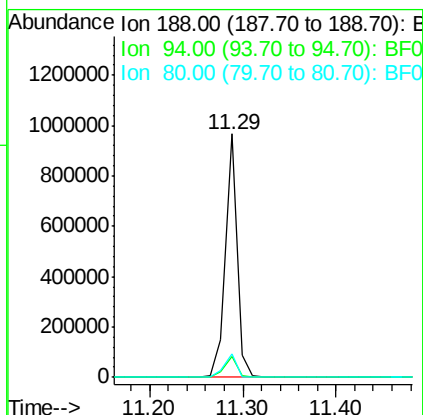
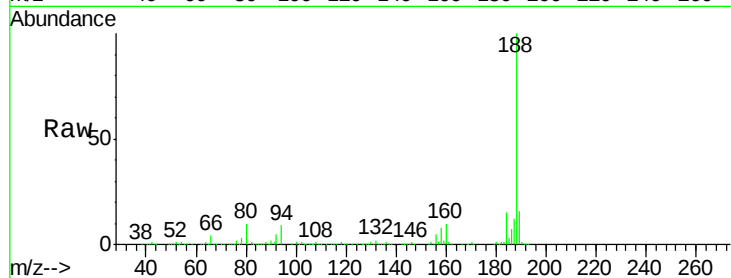




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF091677.D
Acq: 16 Dec 2016 17:20

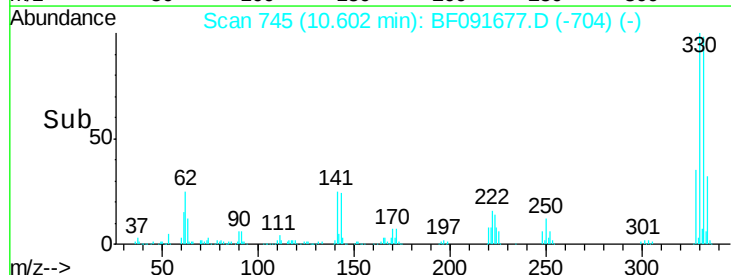
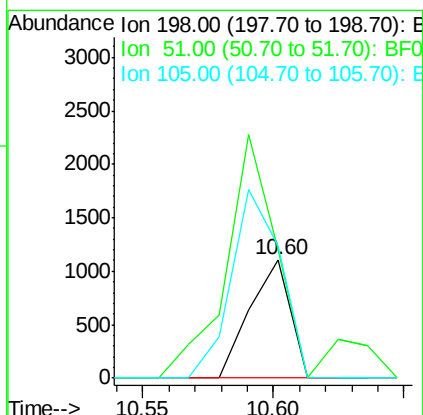
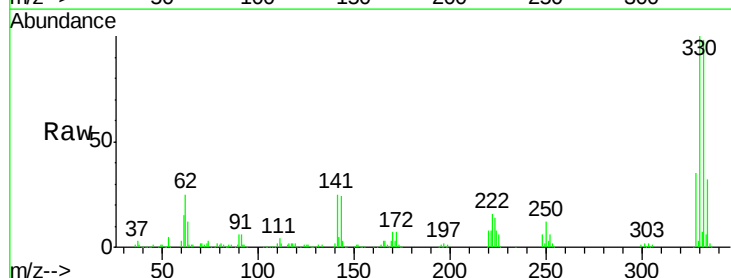
Instrument :
BNA_F
ClientSampleId :
PB95306BL

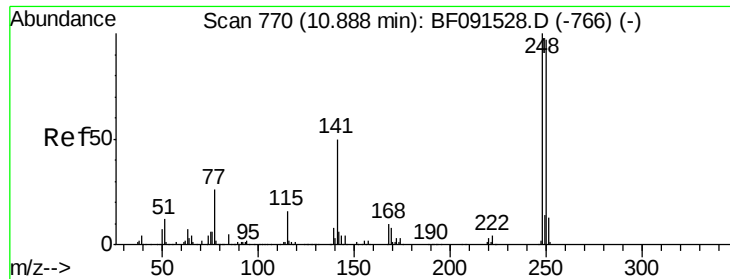
Tgt Ion:188 Resp: 838618
Ion Ratio Lower Upper
188 100
94 8.8 9.2 13.8#
80 9.5 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 3.17 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.17 min
Lab File: BF091677.D
Acq: 16 Dec 2016 17:20

Tgt Ion:198 Resp: 1196
Ion Ratio Lower Upper
198 100
51 108.2 77.1 117.1
105 111.1 44.8 84.8#

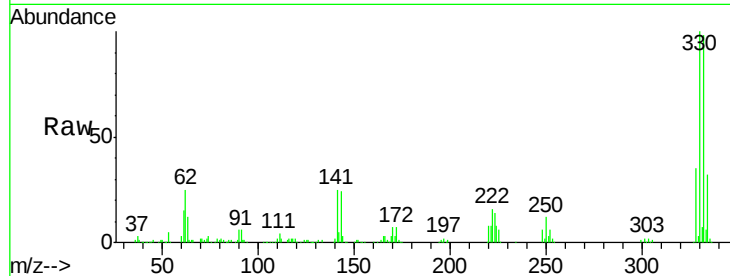




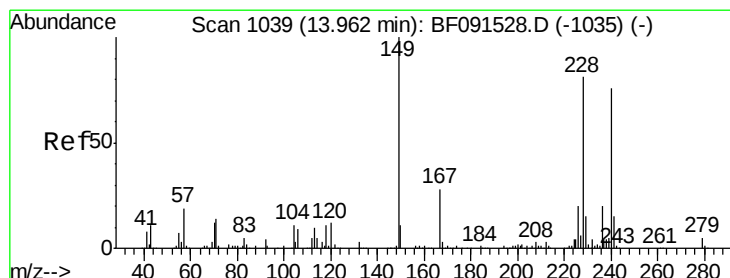
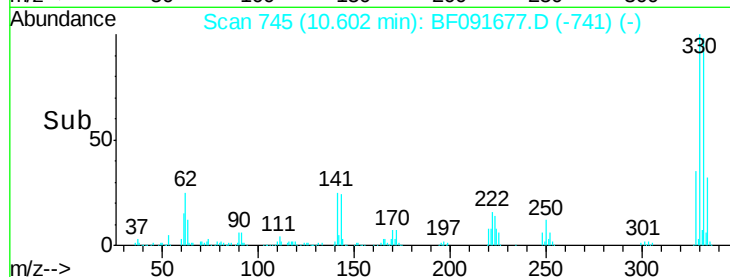
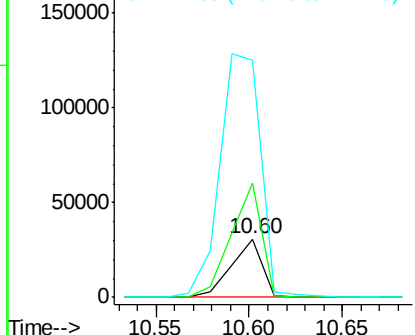
#66
4-Bromophenyl-phenylether
Concen: 4.16 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF091677.D
Acq: 16 Dec 2016 17:20

Instrument :
BNA_F
ClientSampleId :
PB95306BL

Tgt Ion:248 Resp: 35798
Ion Ratio Lower Upper
248 100
250 197.8 78.2 117.4#
141 408.8 71.9 107.9#

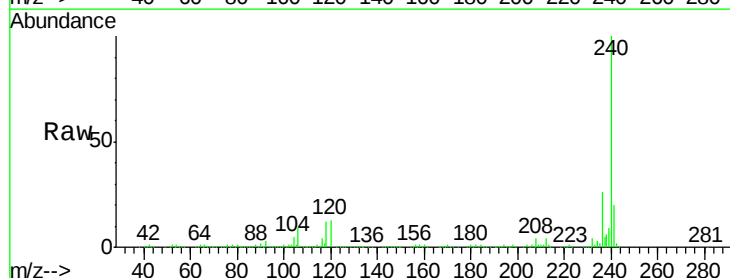


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

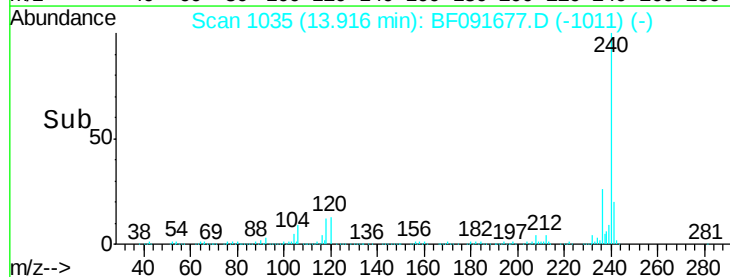
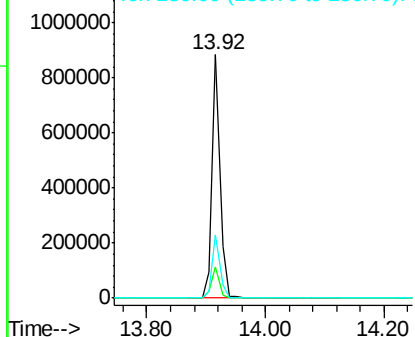


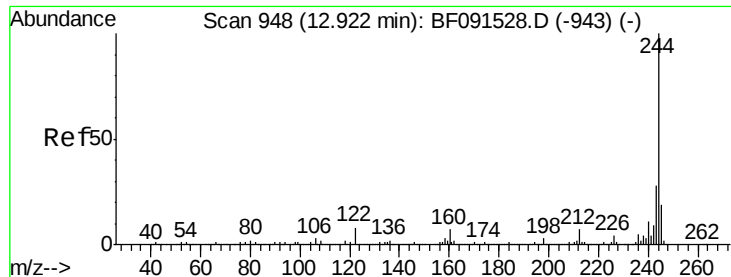
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF091677.D
Acq: 16 Dec 2016 17:20

Tgt Ion:240 Resp: 813637
Ion Ratio Lower Upper
240 100
120 13.0 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

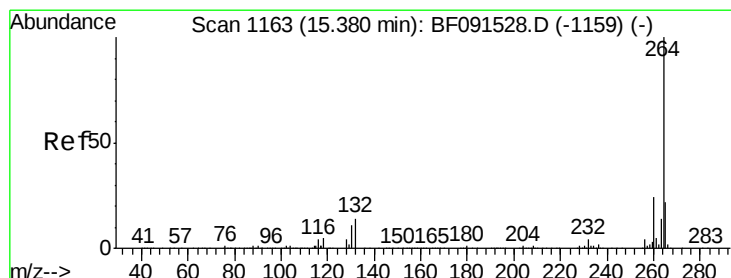
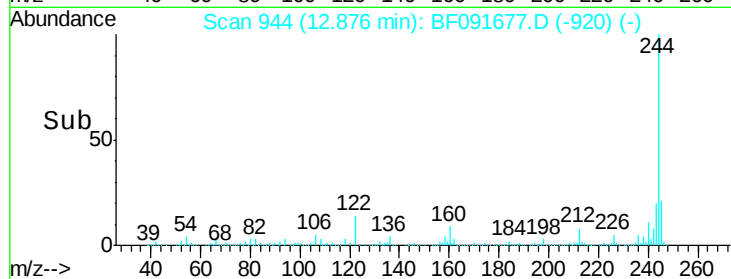
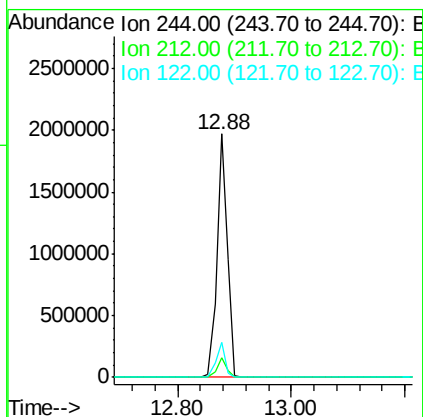
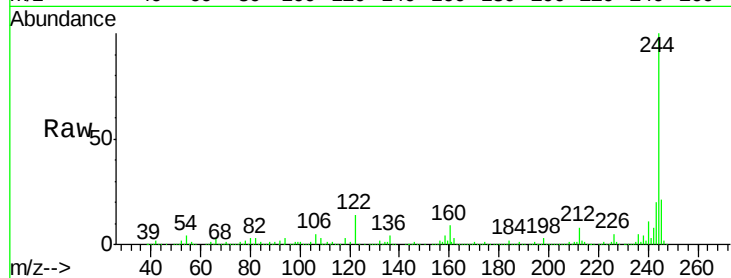




#78
 Terphenyl-d14
 Concen: 68.34 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.02 min
 Lab File: BF091677.D
 Acq: 16 Dec 2016 17:20

Instrument :
 BNA_F
 ClientSampleId :
 PB95306BL

Tgt Ion:244 Resp: 2450309
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 14.2 9.5 14.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.02 min
 Lab File: BF091677.D
 Acq: 16 Dec 2016 17:20

Tgt Ion:264 Resp: 677760
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 21.5 17.0 25.6

