

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
 Data File : BF091894.D
 Acq On : 22 Dec 2016 18:59
 Operator : UM/SJ
 Sample : PB95563BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95563BL

Quant Time: Dec 23 00:40:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

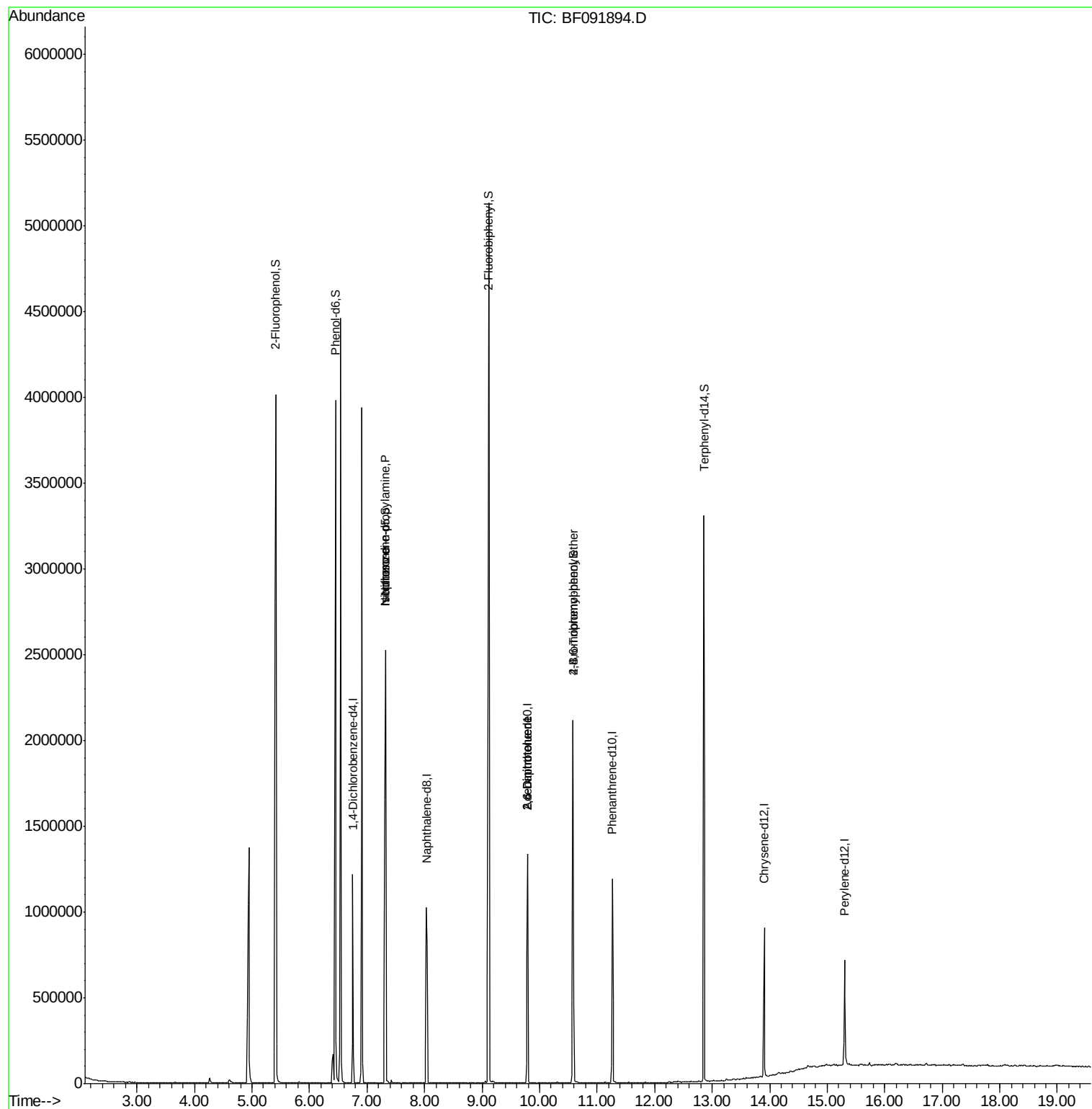
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	180851	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	706501	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	362429	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	493534	20.00	ng	0.00
75) Chrysene-d12	13.91	240	353902	20.00	ng	0.00
86) Perylene-d12	15.30	264	302165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1402882	129.52	ng	0.07
7) Phenol-d6	6.45	99	1613369	122.00	ng	0.05
23) Nitrobenzene-d5	7.32	82	1117133	87.93	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	251734	83.93	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1866624	109.20	ng	0.00
78) Terphenyl-d14	12.85	244	1250073	85.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	150475	17.10	ng	# 72
25) Isophorone	7.32	82	1027923	43.85	ng	# 65
50) 2,6-Dinitrotoluene	9.79	165	47332	9.33	ng	# 31
56) 2,4-Dinitrotoluene	9.79	165	47332	7.43	ng	# 20
66) 4-Bromophenyl-phenylether	10.58	248	15360	2.99	ng	# 1
73) Di-n-butylphthalate	11.84	149	896	Below Cal		# 76
74) Fluoranthene	12.48	202	214	Below Cal		61

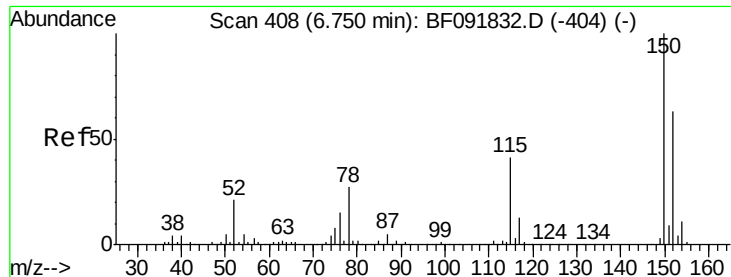
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
Data File : BF091894.D
Acq On : 22 Dec 2016 18:59
Operator : UM/SJ
Sample : PB95563BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95563BL

Quant Time: Dec 23 00:40:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091894.D

Acq: 22 Dec 2016 18:59

Instrument :

BNA_F

ClientSampleId :

PB95563BL

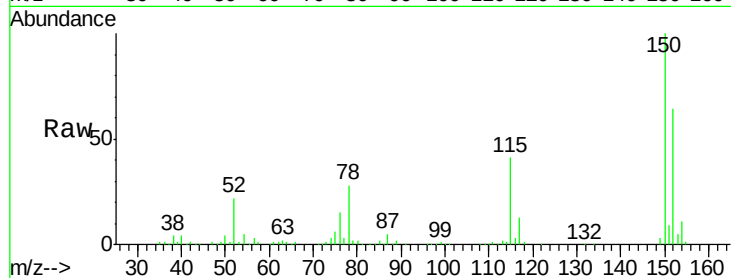
Tgt Ion:152 Resp: 180851

Ion Ratio Lower Upper

152 100

150 155.7 124.9 187.3

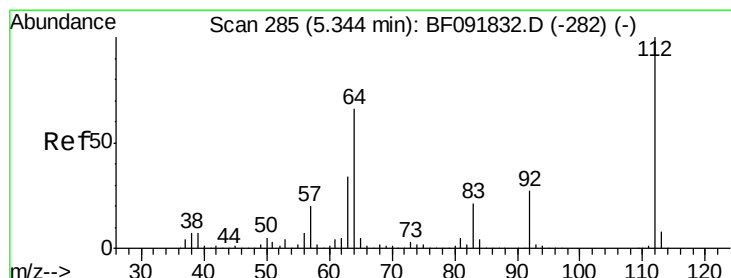
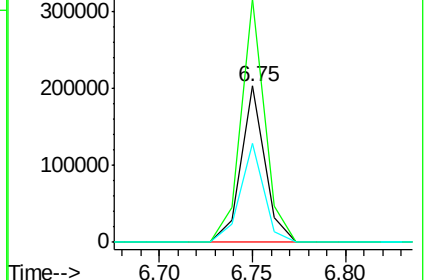
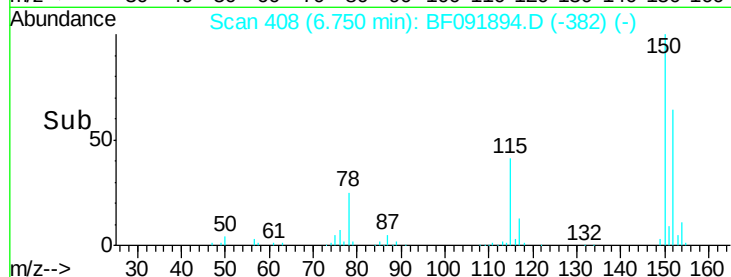
115 63.5 46.0 69.0



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: 129.52 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.07 min

Lab File: BF091894.D

Acq: 22 Dec 2016 18:59

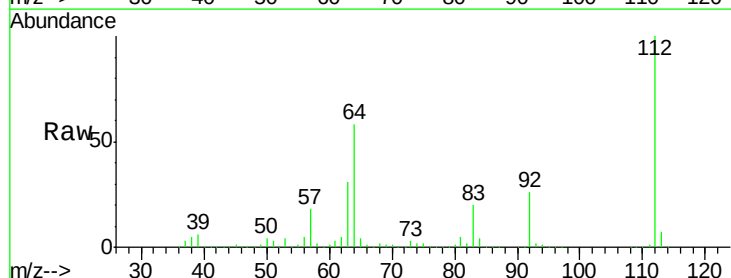
Tgt Ion:112 Resp: 1402882

Ion Ratio Lower Upper

112 100

64 58.1 46.1 69.1

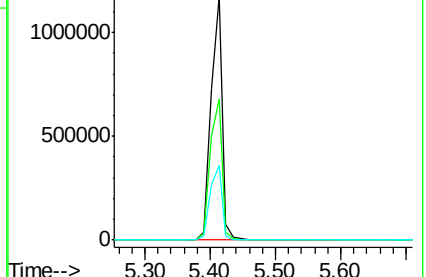
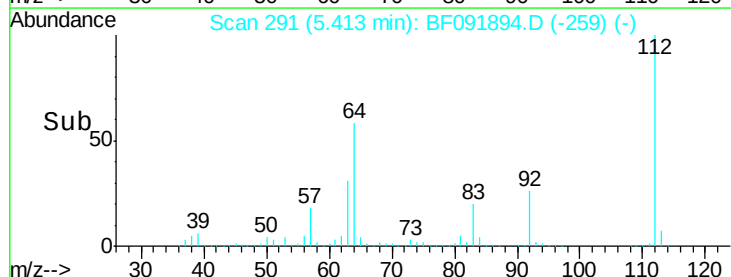
63 30.5 23.8 35.6

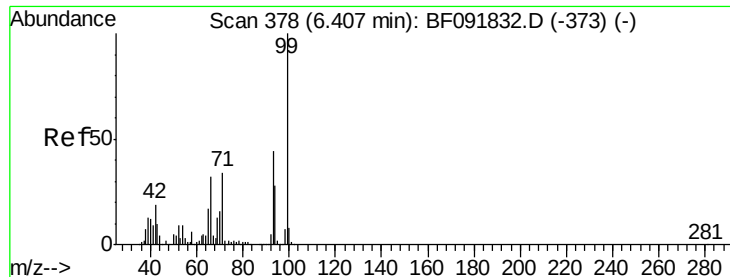


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.00 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.05 min

Lab File: BF091894.D

Acq: 22 Dec 2016 18:59

Instrument :

BNA_F

ClientSampleId :

PB95563BL

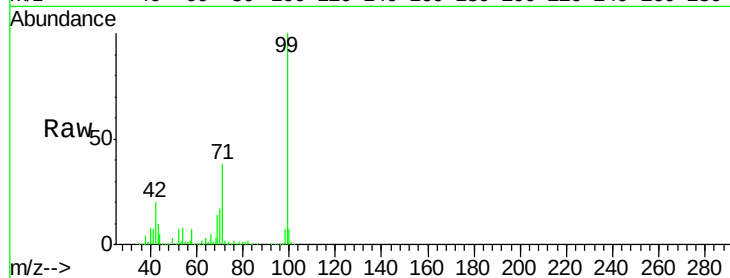
Tgt Ion: 99 Resp: 1613369

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

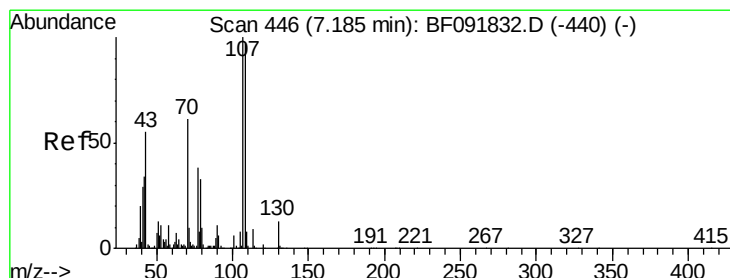
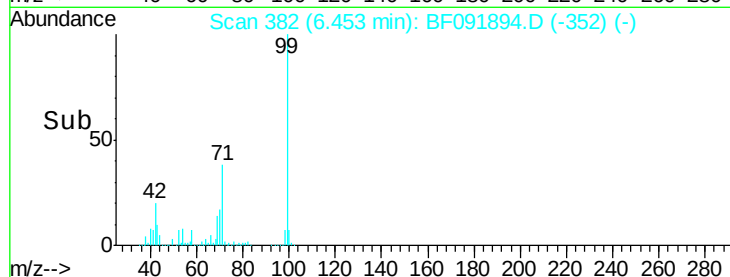
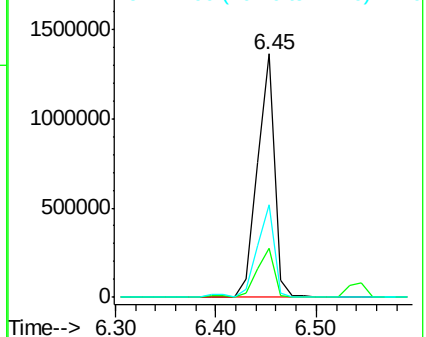
71 37.9 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.10 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.14 min

Lab File: BF091894.D

Acq: 22 Dec 2016 18:59

Tgt Ion: 70 Resp: 150475

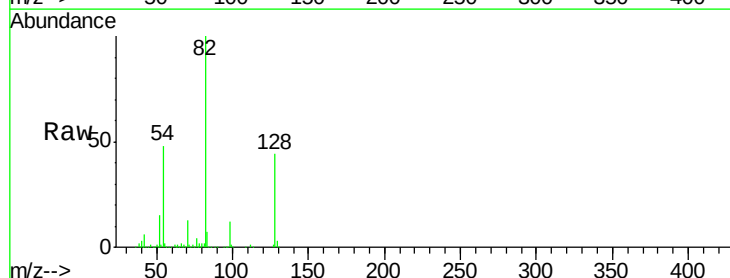
Ion Ratio Lower Upper

70 100

42 42.2 49.4 74.0#

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

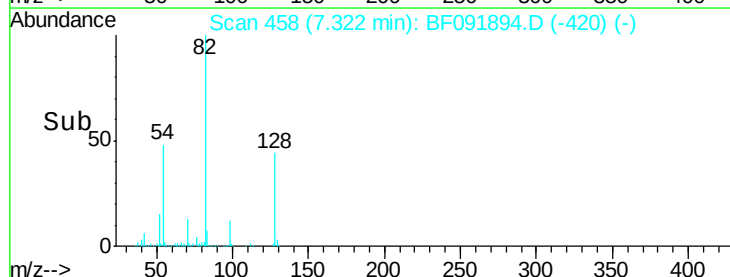
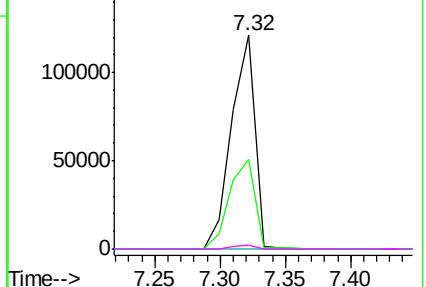


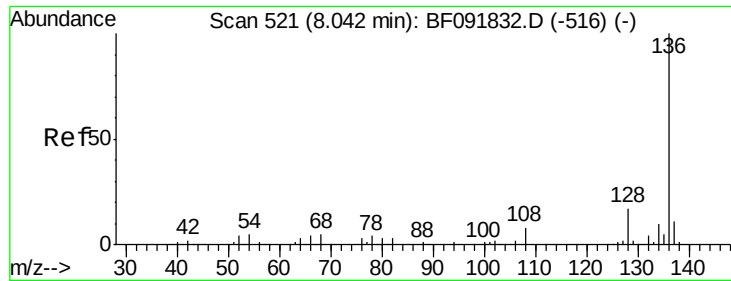
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

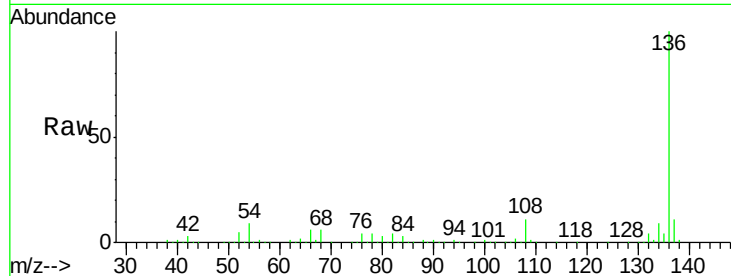




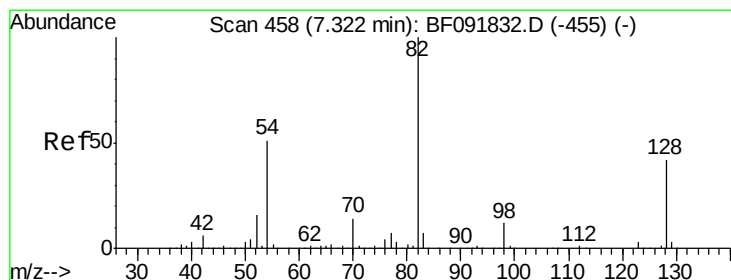
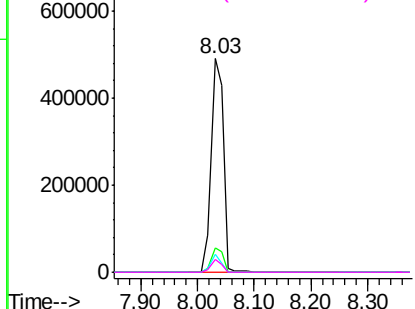
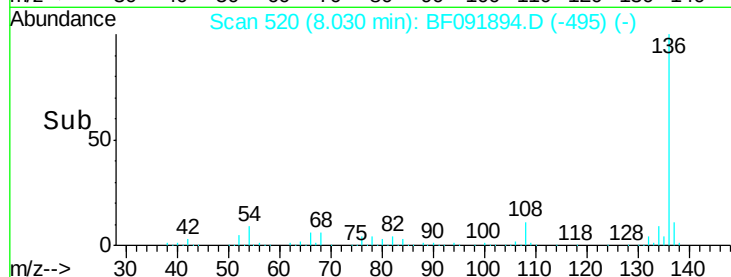
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091894.D
Acq: 22 Dec 2016 18:59

Instrument :
BNA_F
ClientSampleId :
PB95563BL

Tgt Ion:	136	Resp:	706501
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	8.6	4.5	6.7#
68	6.3	3.6	5.4#

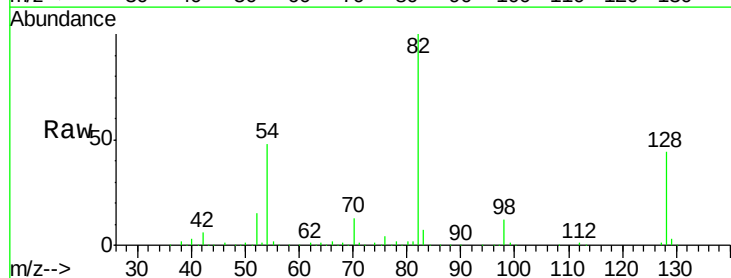


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

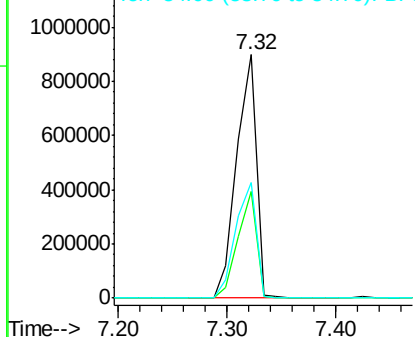
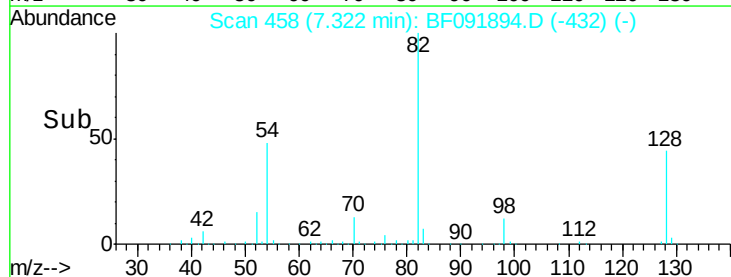


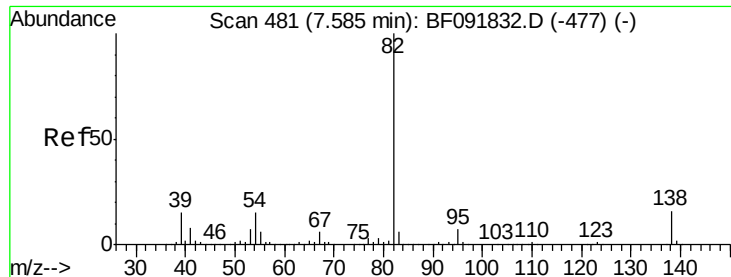
#23
Nitrobenzene-d5
Concen: 87.93 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF091894.D
Acq: 22 Dec 2016 18:59

Tgt Ion:	82	Resp:	1117133
Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	52.0
54	47.7	39.5	59.3



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: 43.85 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.26 min

Lab File: BF091894.D

Acq: 22 Dec 2016 18:59

Instrument :

BNA_F

ClientSampleId :

PB95563BL

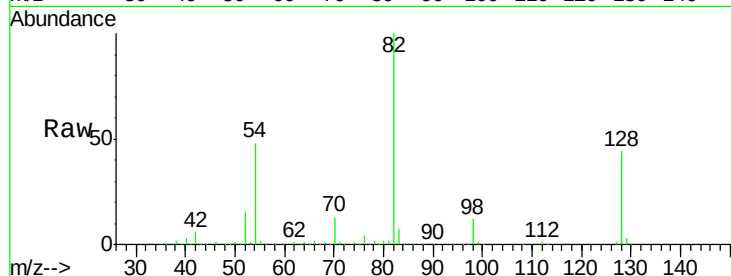
Tgt Ion: 82 Resp: 1027923

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

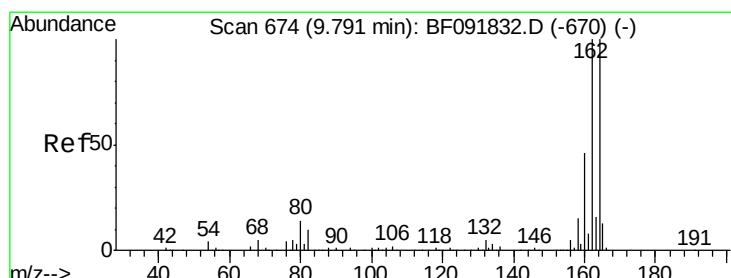
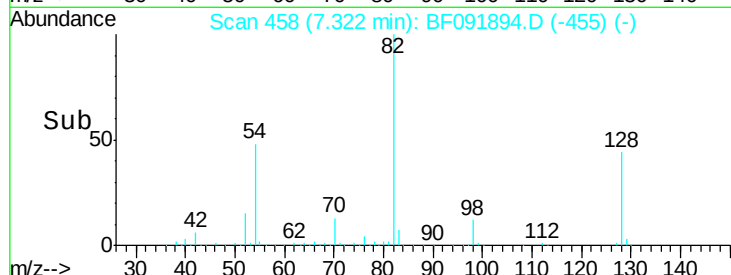
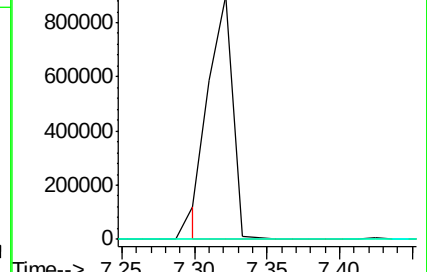
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF091832.D (-477) (-)

Ion 95.00 (94.70 to 95.70): BF091832.D (-477) (-)

Ion 138.00 (137.70 to 138.70): BF091832.D (-477) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF091894.D

Acq: 22 Dec 2016 18:59

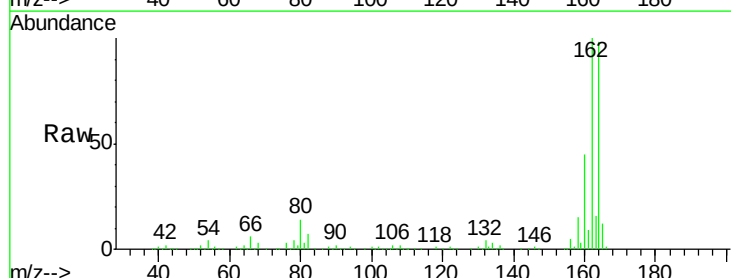
Tgt Ion: 164 Resp: 362429

Ion Ratio Lower Upper

164 100

162 102.5 80.2 120.2

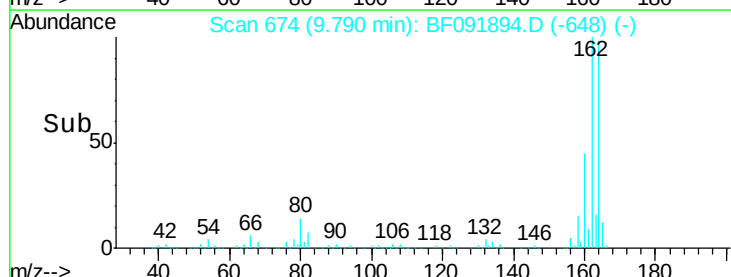
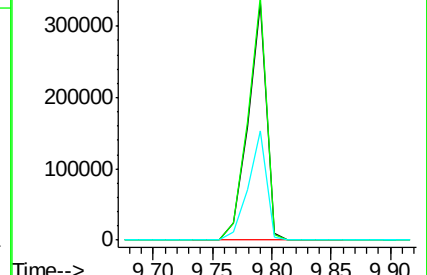
160 45.7 36.9 55.3

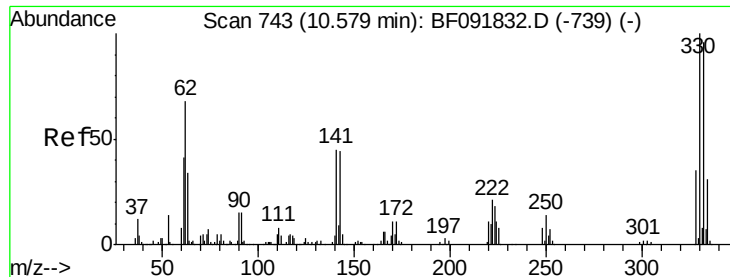


Abundance Ion 164.00 (163.70 to 164.70): BF091832.D (-670) (-)

Ion 162.00 (161.70 to 162.70): BF091832.D (-670) (-)

Ion 160.00 (159.70 to 160.70): BF091832.D (-670) (-)

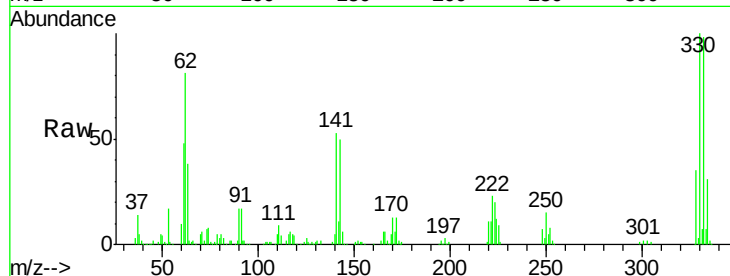




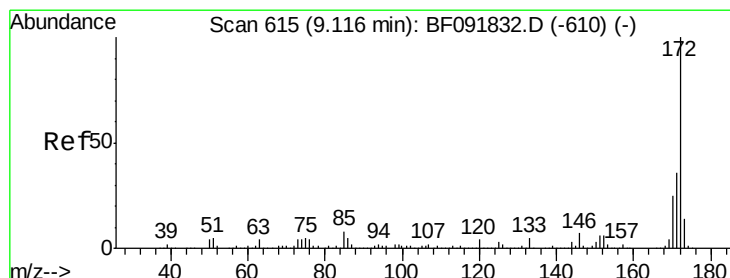
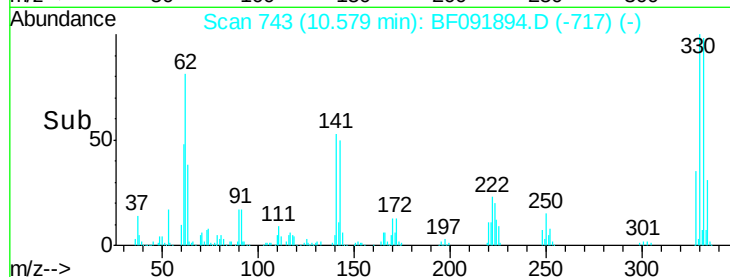
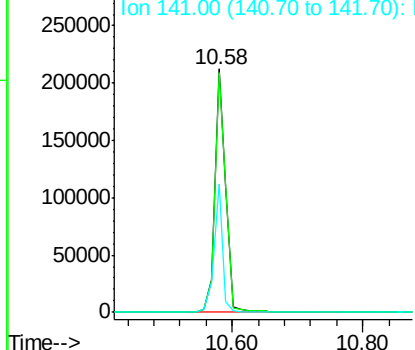
#41
 2,4,6-Tribromophenol
 Concen: 83.93 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091894.D
 Acq: 22 Dec 2016 18:59

Instrument :
 BNA_F
 ClientSampleId :
 PB95563BL

Tgt Ion:330 Resp: 251734
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.4 116.2
 141 42.0 34.1 51.1

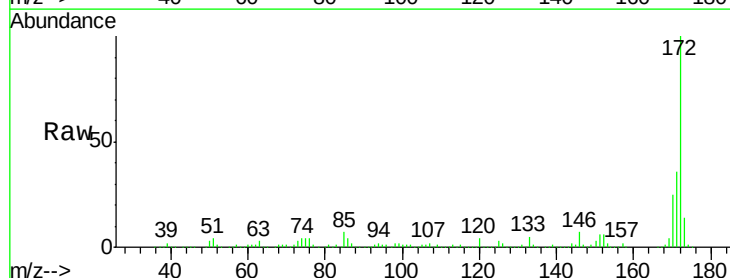


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

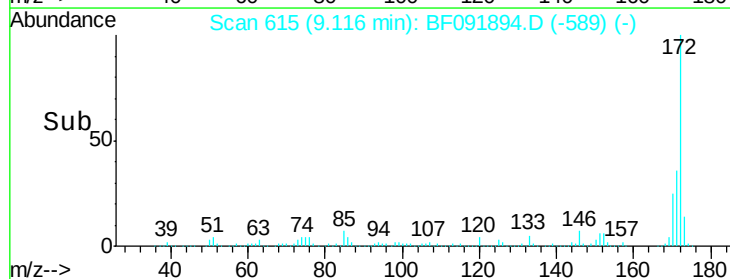
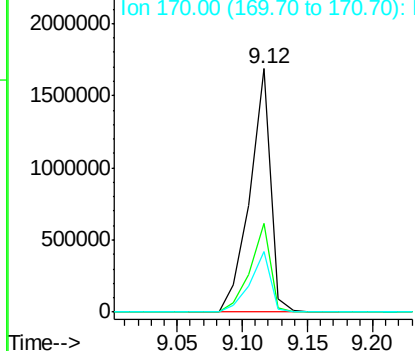


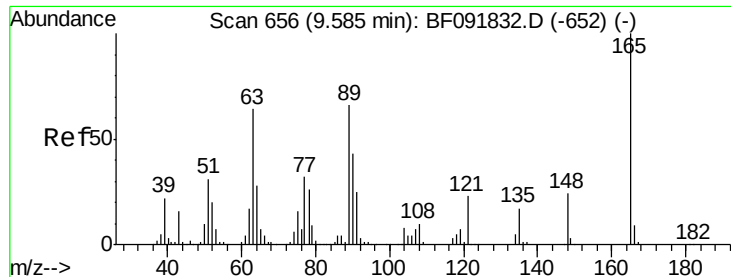
#44
 2-Fluorobiphenyl
 Concen: 109.20 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091894.D
 Acq: 22 Dec 2016 18:59

Tgt Ion:172 Resp: 1866624
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.7 20.2 30.4



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: 9.33 ng

RT: 9.79 min Scan# 674

Delta R.T. 0.21 min

Lab File: BF091894.D

Acq: 22 Dec 2016 18:59

Instrument :

BNA_F

ClientSampled :

PB95563BL

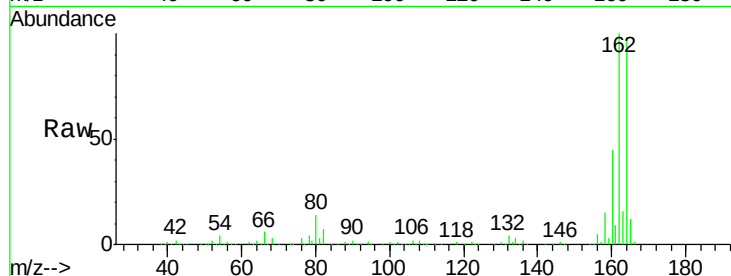
Tgt Ion:165 Resp: 47332

Ion Ratio Lower Upper

165 100

63 1.0 36.2 54.4#

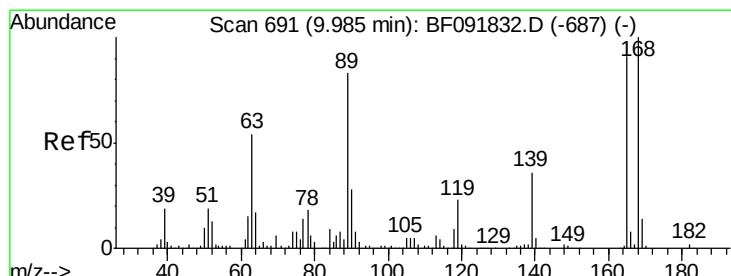
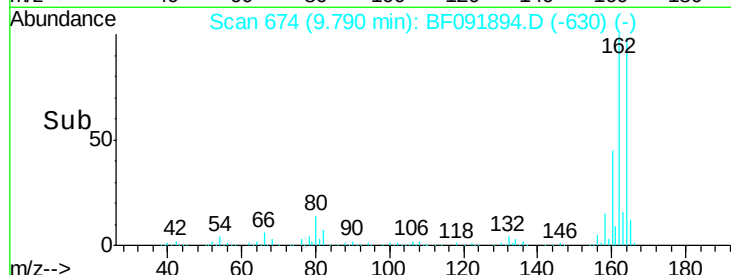
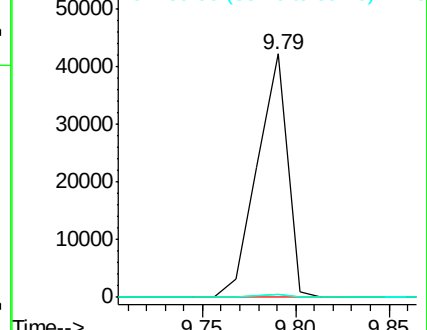
89 1.5 40.2 60.4#



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: 7.43 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.19 min

Lab File: BF091894.D

Acq: 22 Dec 2016 18:59

Tgt Ion:165 Resp: 47332

Ion Ratio Lower Upper

165 100

63 1.0 40.2 60.4#

89 1.5 62.5 93.7#

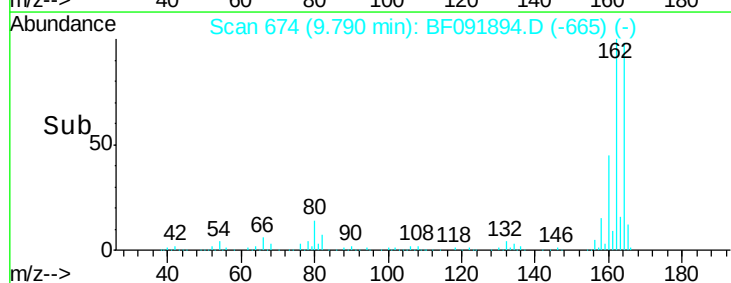
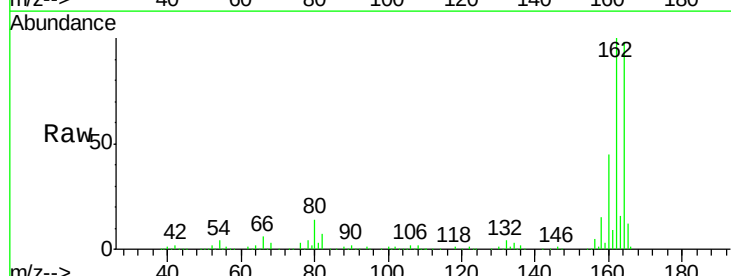
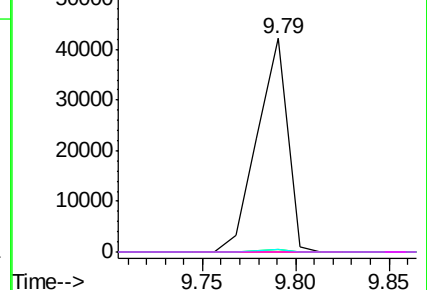
182 0.0 1.8 2.8#

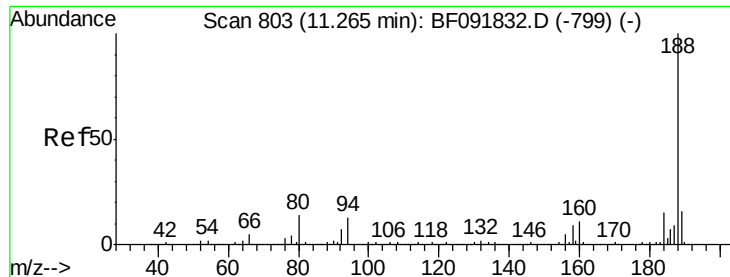
Abundance Ion 165.00 (164.70 to 165.70): E

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

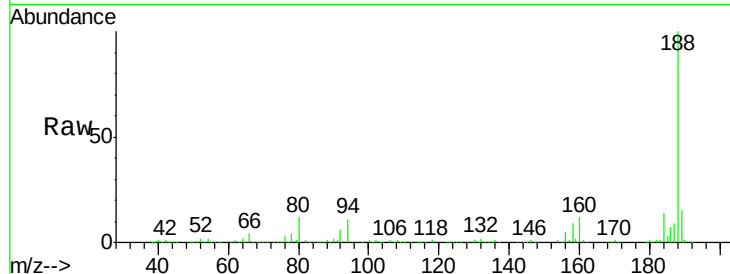




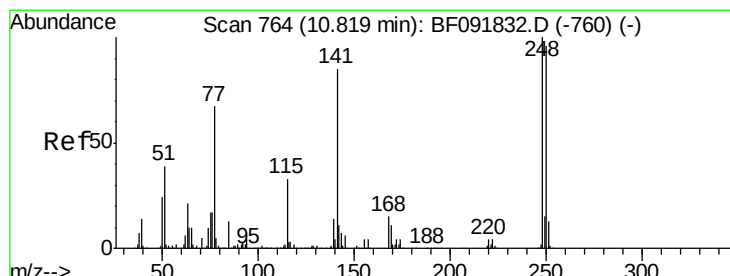
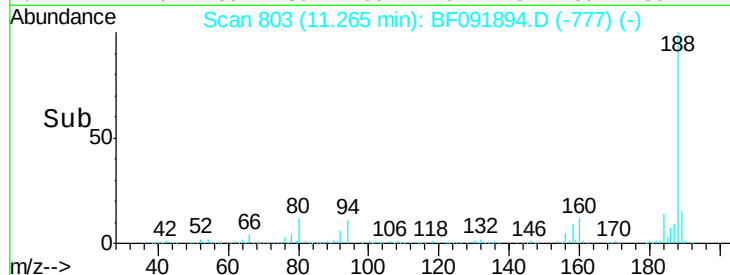
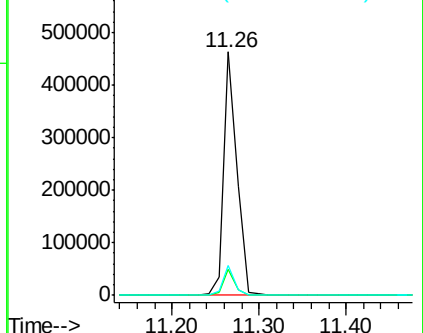
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091894.D
Acq: 22 Dec 2016 18:59

Instrument :
BNA_F
ClientSampleId :
PB95563BL

Tgt Ion:188 Resp: 493534
Ion Ratio Lower Upper
188 100
94 10.6 10.0 15.0
80 12.1 11.2 16.8

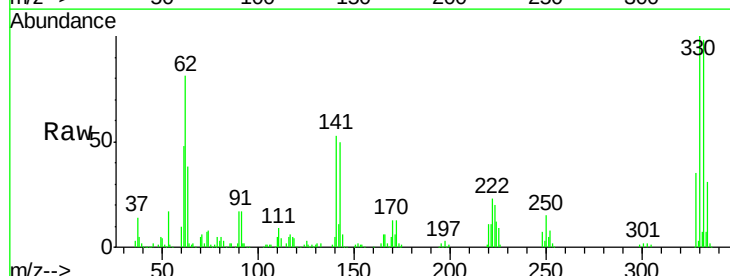


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

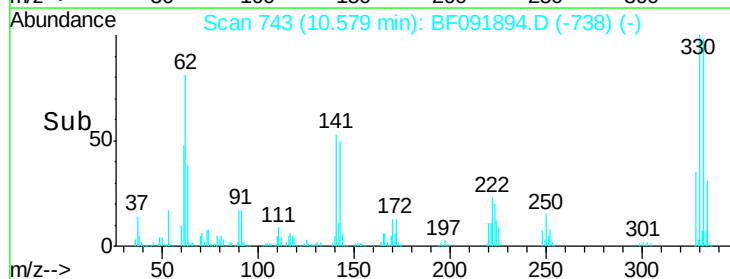
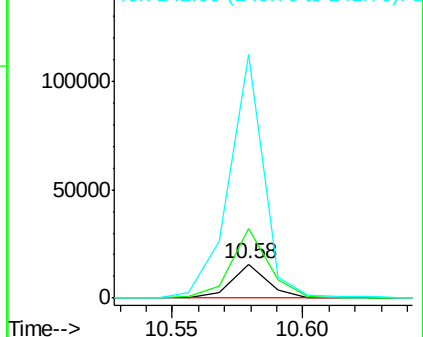


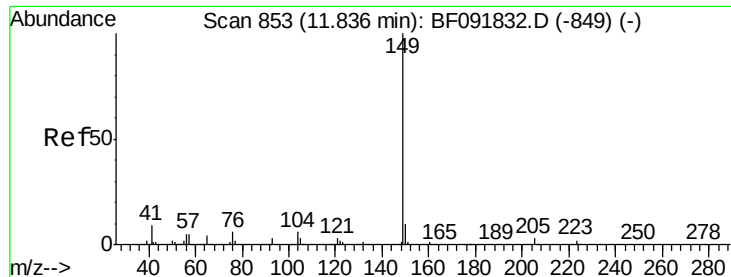
#66
4-Bromophenyl-phenylether
Concen: 2.99 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.24 min
Lab File: BF091894.D
Acq: 22 Dec 2016 18:59

Tgt Ion:248 Resp: 15360
Ion Ratio Lower Upper
248 100
250 202.5 76.9 115.3#
141 709.2 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





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091894.D

Acq: 22 Dec 2016 18:59

Instrument :

BNA_F

ClientSampleId :

PB95563BL

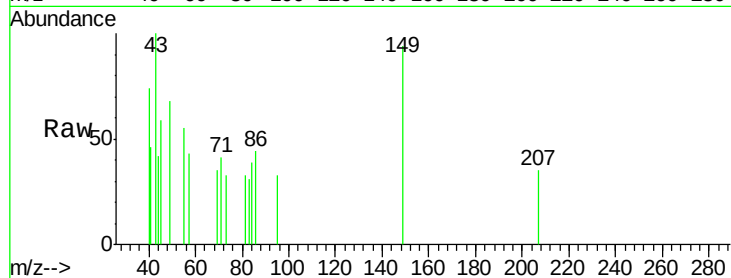
Tgt Ion:149 Resp: 896

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

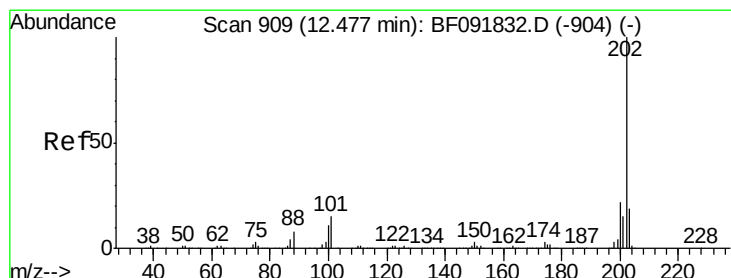
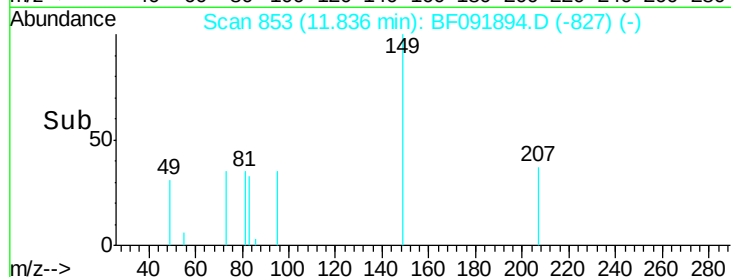
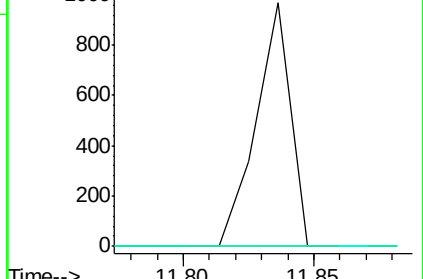
104 0.0 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF091894.D

Acq: 22 Dec 2016 18:59

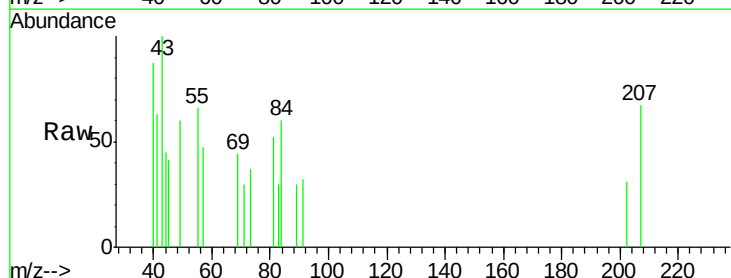
Tgt Ion:202 Resp: 214

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

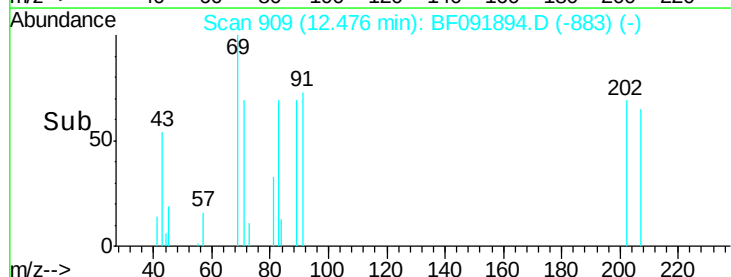
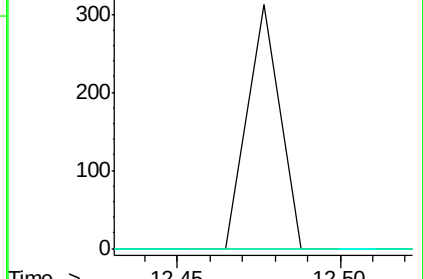
203 0.0 0.0 38.7

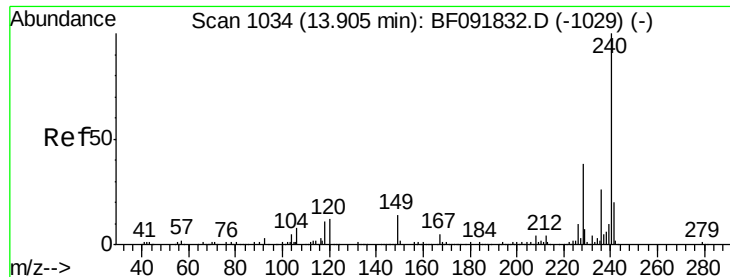


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091894.D

Acq: 22 Dec 2016 18:59

Instrument :

BNA_F

ClientSampleId :

PB95563BL

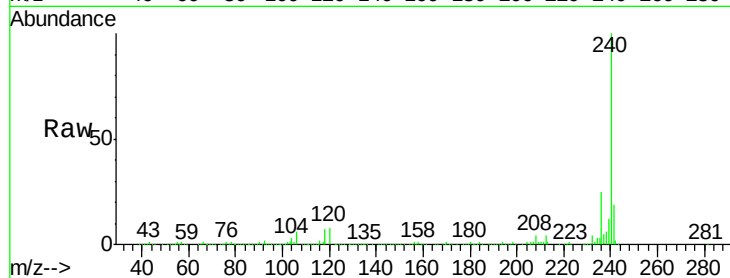
Tgt Ion:240 Resp: 353902

Ion Ratio Lower Upper

240 100

120 7.7 12.9 19.3#

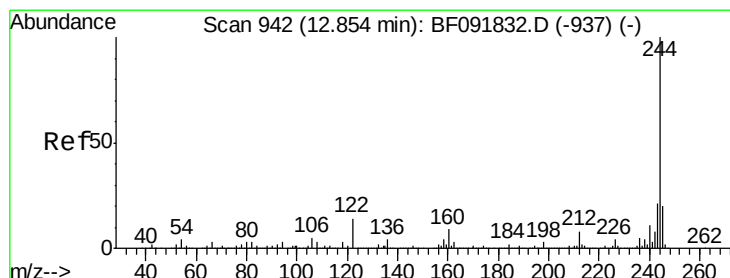
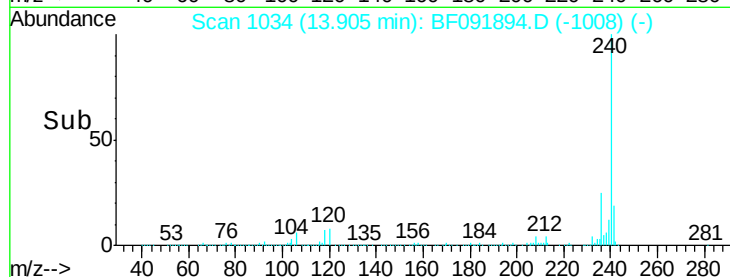
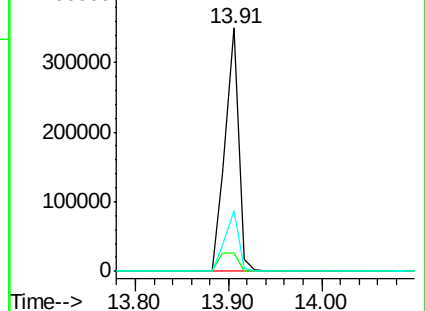
236 24.8 20.9 31.3



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: 85.67 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091894.D

Acq: 22 Dec 2016 18:59

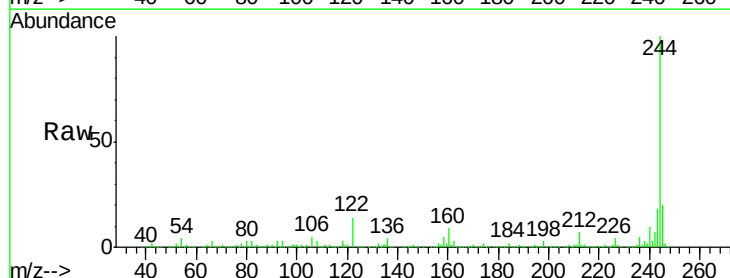
Tgt Ion:244 Resp: 1250073

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

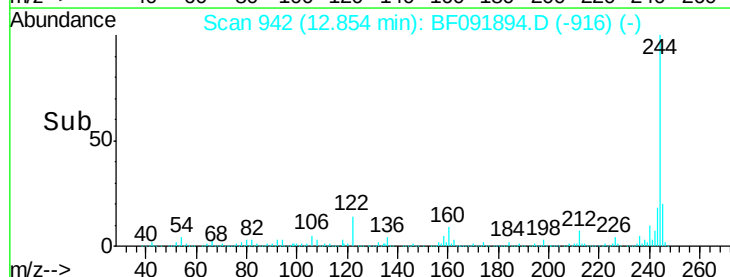
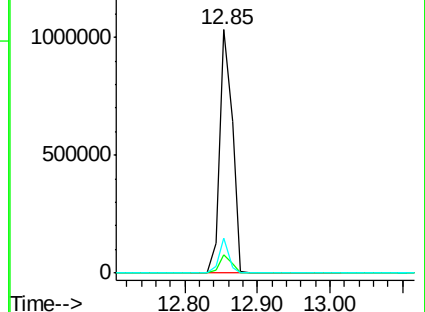
122 14.4 11.4 17.2

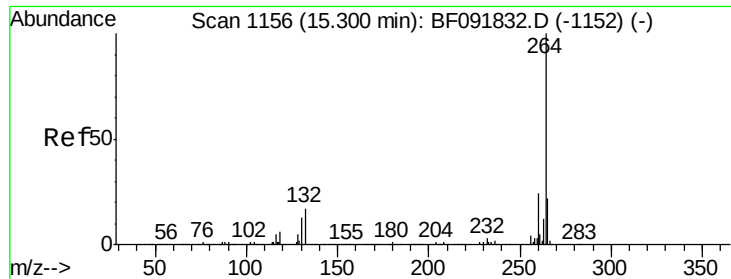


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF091894.D
Acq: 22 Dec 2016 18:59

Instrument :
BNA_F
ClientSampleId :
PB95563BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.0	17.4	26.0

