

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
 Data File : BF091214.D
 Acq On : 17 Nov 2016 16:08
 Operator : UM/SJ
 Sample : PB94770TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94770TB

Quant Time: Nov 18 03:05:37 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

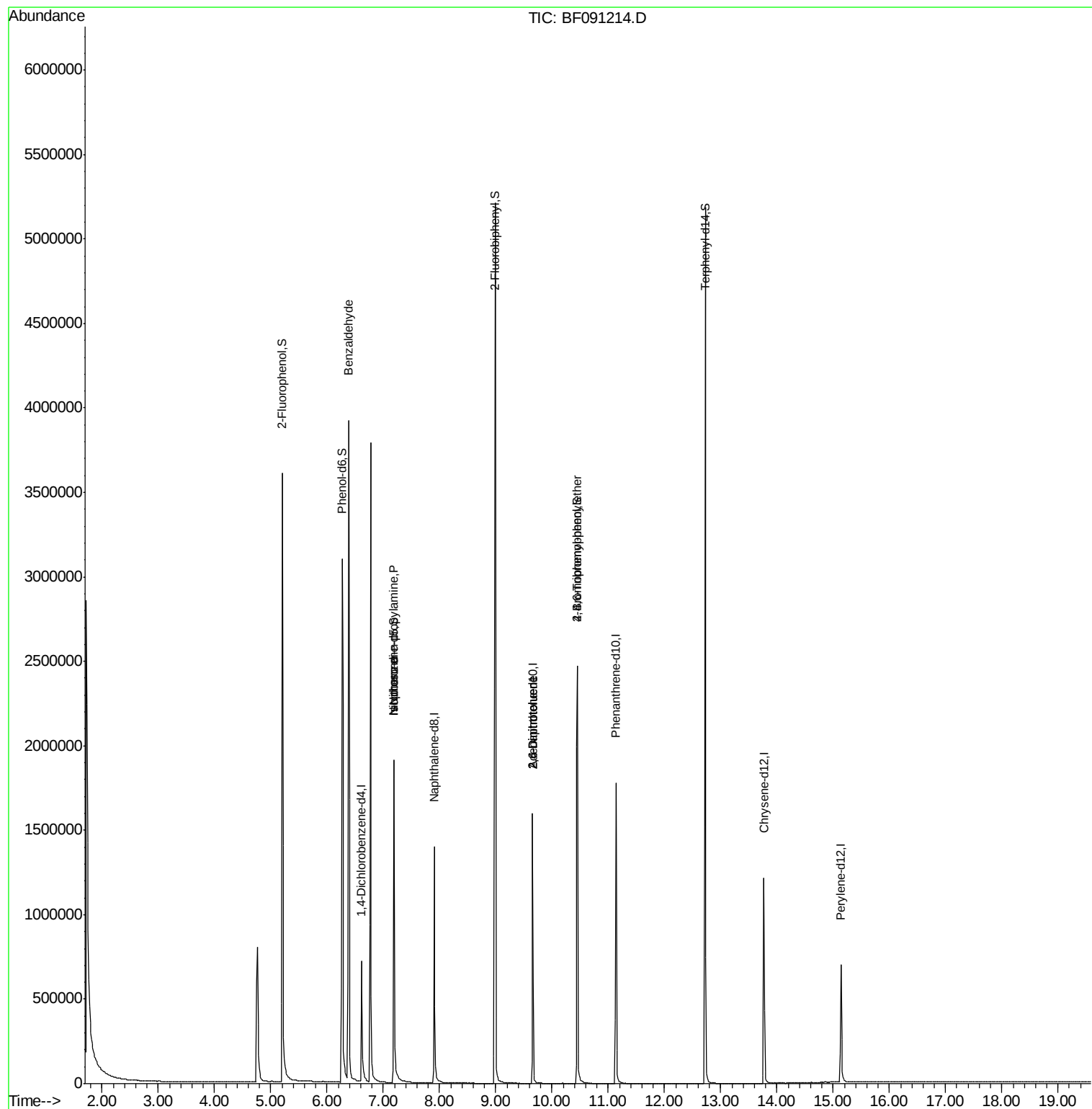
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	172219	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	751558	20.00	ng	-0.05
38) Acenaphthene-d10	9.65	164	381929	20.00	ng	-0.05
63) Phenanthrene-d10	11.14	188	670217	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	454679	20.00	ng	-0.05
86) Perylene-d12	15.14	264	308700	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1274995	122.27	ng	-0.03
7) Phenol-d6	6.27	99	1714935	121.16	ng	-0.05
23) Nitrobenzene-d5	7.18	82	1127641	81.85	ng	-0.06
41) 2,4,6-Tribromophenol	10.45	330	470895	136.38	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	1899785	85.64	ng	-0.05
78) Terphenyl-d14	12.73	244	1715997	94.18	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.38	77	29550	3.76	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.18	70	147543	15.04	ng	# 79
25) Isophorone	7.18	82	1095645	41.27	ng	# 67
50) 2,6-Dinitrotoluene	9.65	165	48974	9.12	ng	# 11
56) 2,4-Dinitrotoluene	9.65	165	48970	7.17	ng	# 26
66) 4-Bromophenyl-phenylether	10.45	248	30874	4.43	ng	# 1

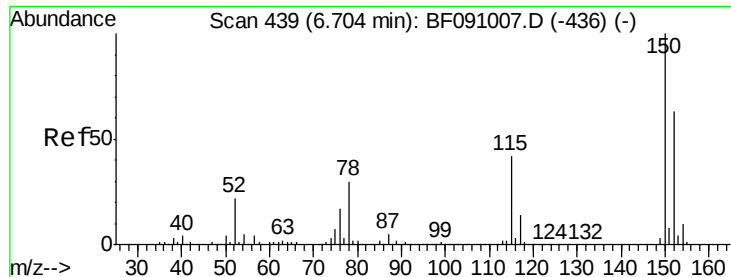
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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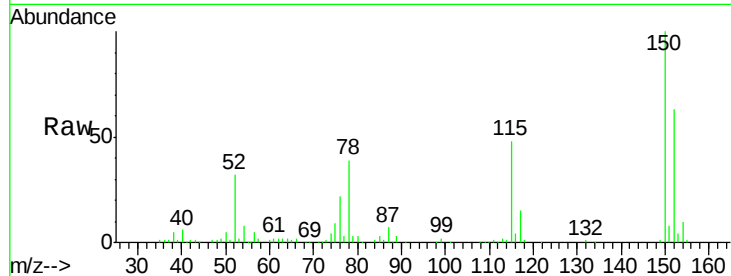


#1

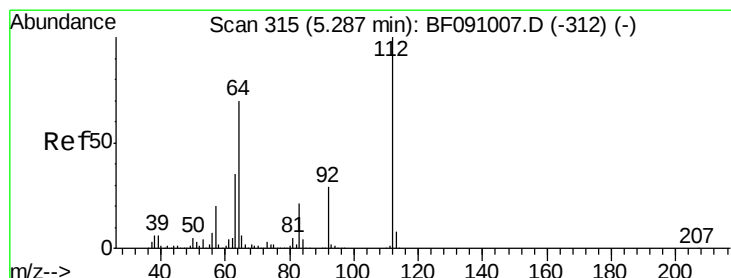
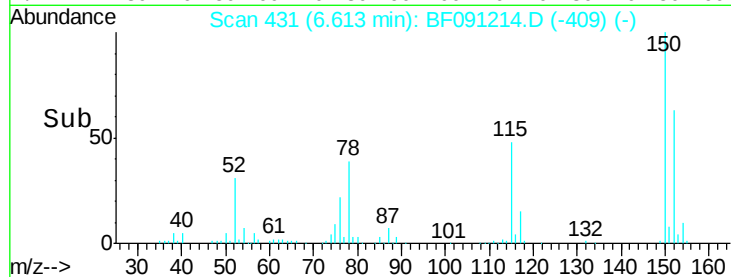
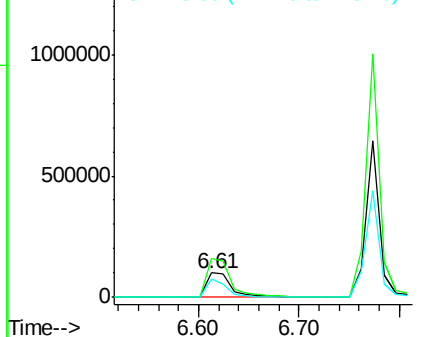
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF091214.D
Acq: 17 Nov 2016 16:08

Instrument :
BNA_F
ClientSampleId :
PB94770TB

Tgt Ion:152 Resp: 172219
Ion Ratio Lower Upper
152 100
150 159.7 126.8 190.2
115 77.0 53.3 79.9



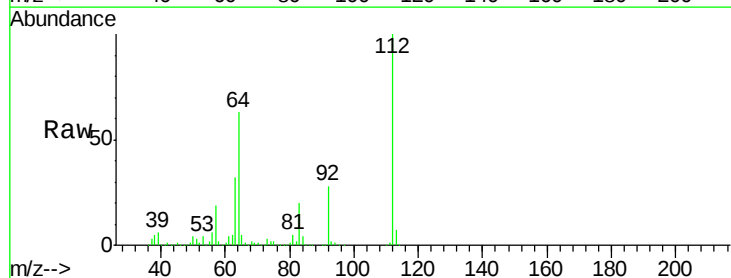
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



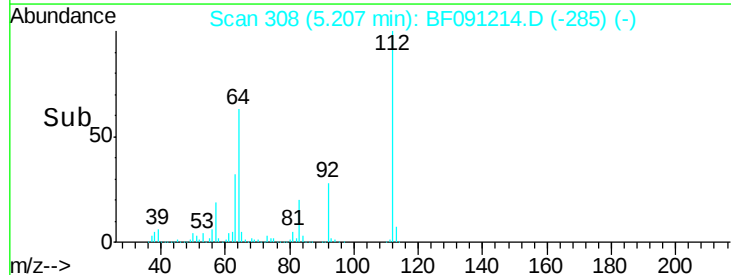
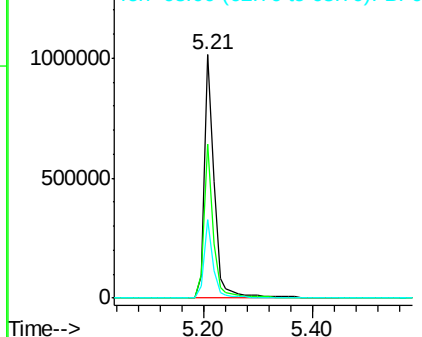
#5

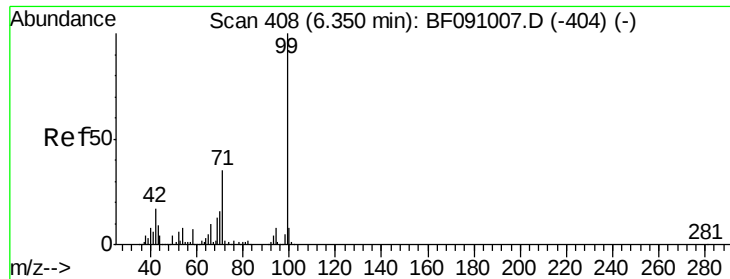
2-Fluorophenol
Concen: 122.27 ng
RT: 5.21 min Scan# 308
Delta R.T. -0.03 min
Lab File: BF091214.D
Acq: 17 Nov 2016 16:08

Tgt Ion:112 Resp: 1274995
Ion Ratio Lower Upper
112 100
64 63.1 55.8 83.6
63 32.0 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: 121.16 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091214.D

Acq: 17 Nov 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB94770TB

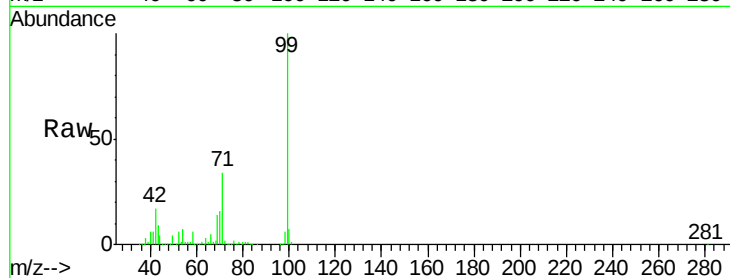
Tgt Ion: 99 Resp: 1714935

Ion Ratio Lower Upper

99 100

42 17.1 13.9 20.9

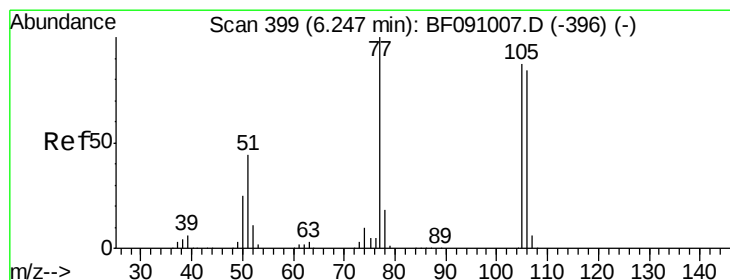
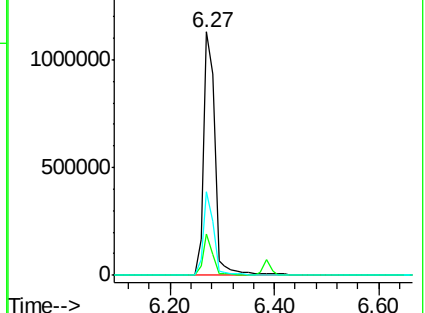
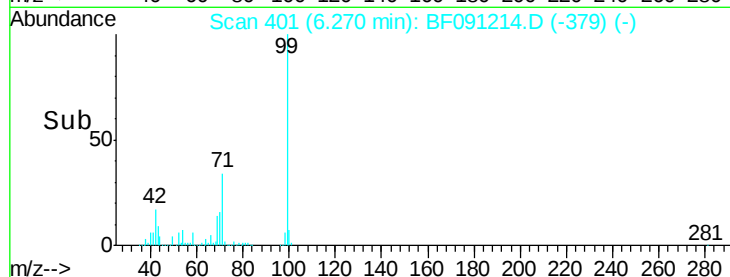
71 34.5 27.8 41.8



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: 3.76 ng

RT: 6.38 min Scan# 411

Delta R.T. 0.18 min

Lab File: BF091214.D

Acq: 17 Nov 2016 16:08

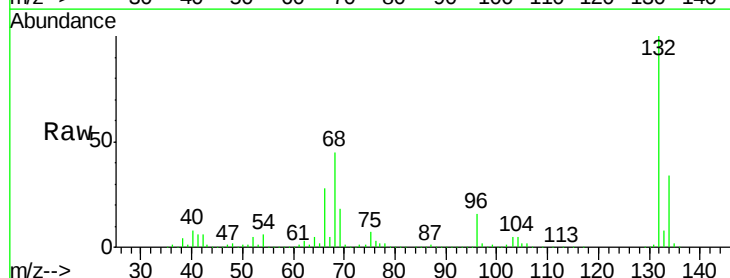
Tgt Ion: 77 Resp: 29550

Ion Ratio Lower Upper

77 100

105 77.8 66.8 106.8

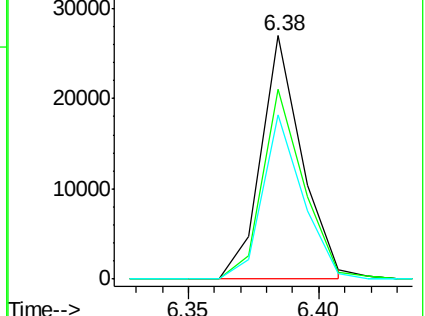
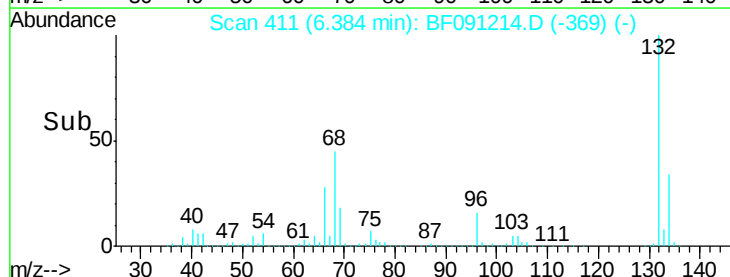
106 67.3 64.0 104.0

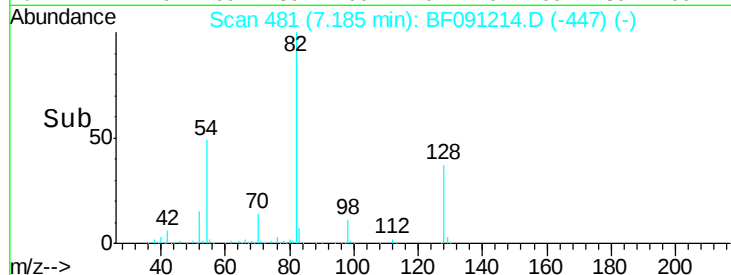
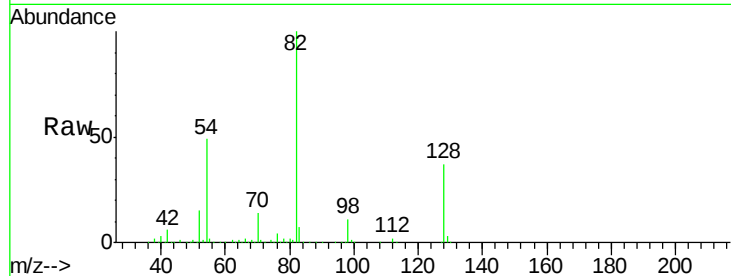
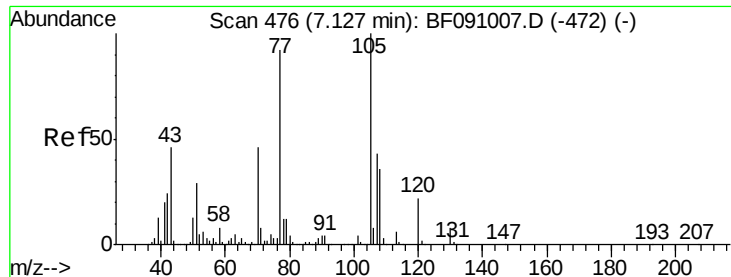


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

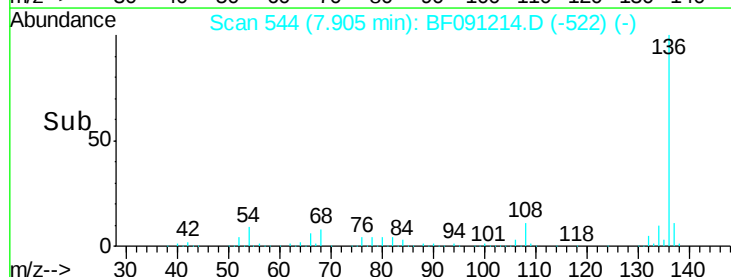
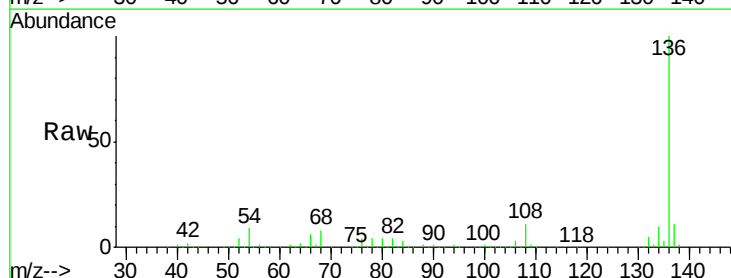
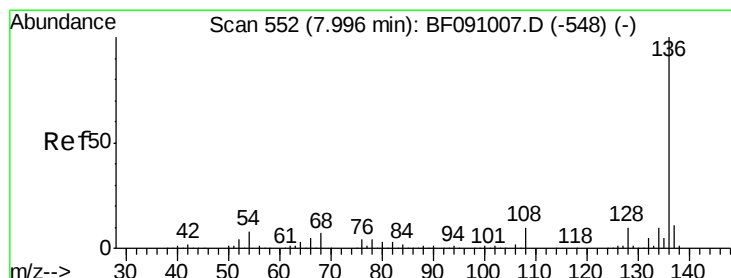
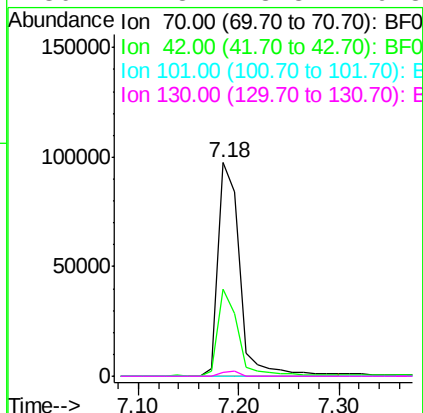




#19
n-Nitroso-di-n-propylamine
Concen: 15.04 ng
RT: 7.18 min Scan# 481
Delta R.T. 0.09 min
Lab File: BF091214.D
Acq: 17 Nov 2016 16:08

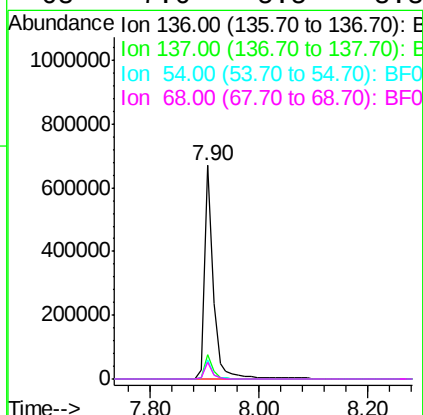
Instrument :
BNA_F
ClientSampleId :
PB94770TB

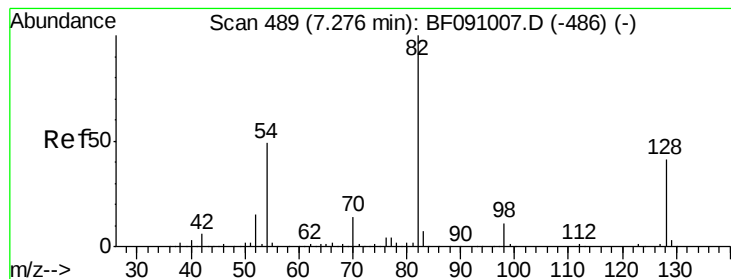
Tgt Ion: 70 Resp: 147543
Ion Ratio Lower Upper
70 100
42 41.0 41.7 62.5#
101 0.0 6.7 10.1#
130 1.8 13.8 20.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.05 min
Lab File: BF091214.D
Acq: 17 Nov 2016 16:08

Tgt Ion: 136 Resp: 751558
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.7 6.2 9.2
68 7.6 5.5 8.3





#23

Nitrobenzene-d5

Concen: 81.85 ng

RT: 7.18 min Scan# 481

Delta R.T. -0.06 min

Lab File: BF091214.D

Acq: 17 Nov 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB94770TB

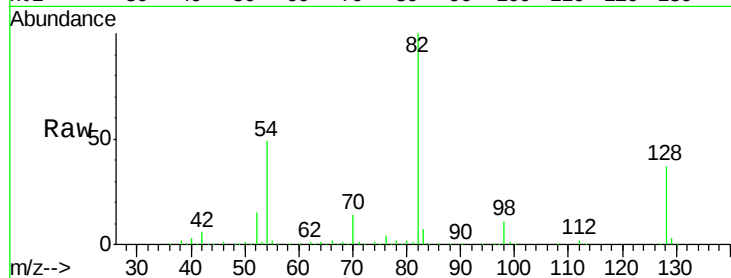
Tgt Ion: 82 Resp: 1127641

Ion Ratio Lower Upper

82 100

128 37.3 32.4 48.6

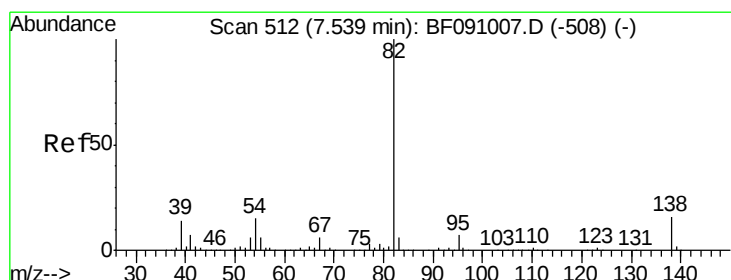
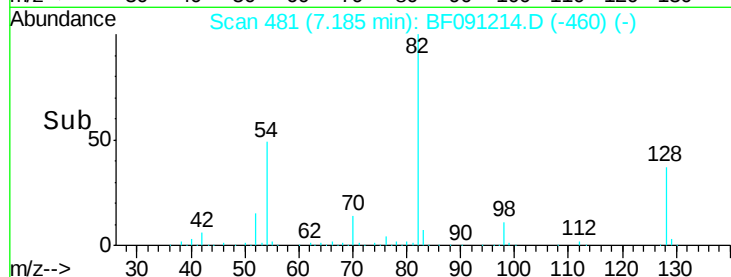
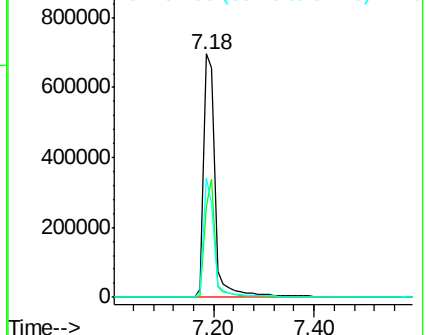
54 49.0 39.2 58.8



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: 41.27 ng

RT: 7.18 min Scan# 481

Delta R.T. -0.31 min

Lab File: BF091214.D

Acq: 17 Nov 2016 16:08

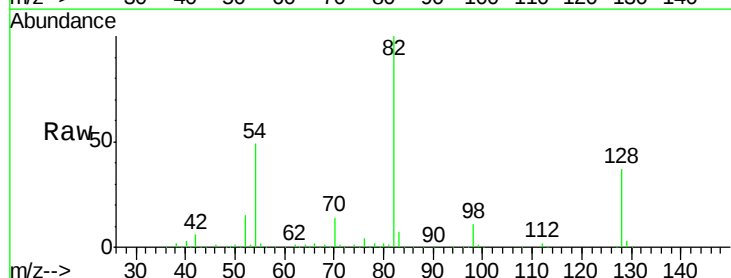
Tgt Ion: 82 Resp: 1095645

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

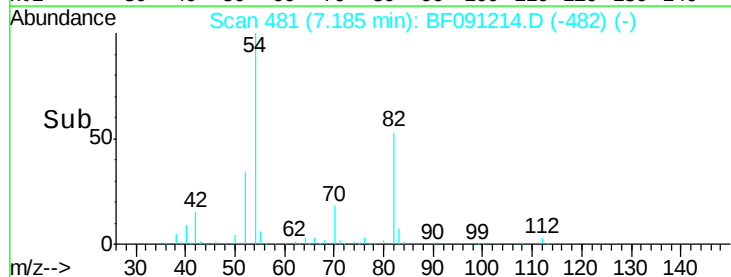
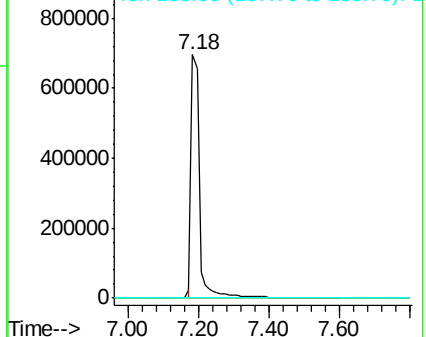
138 0.0 13.0 19.4#

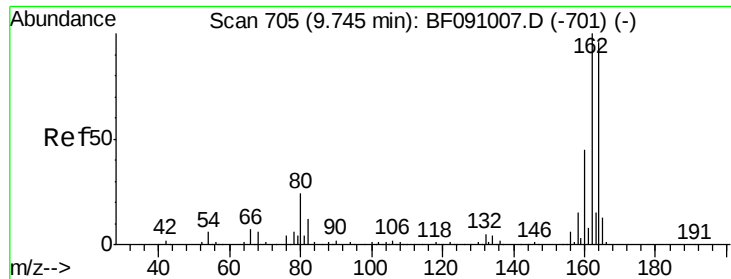


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

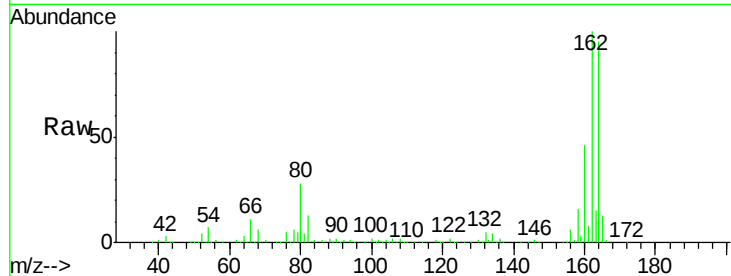




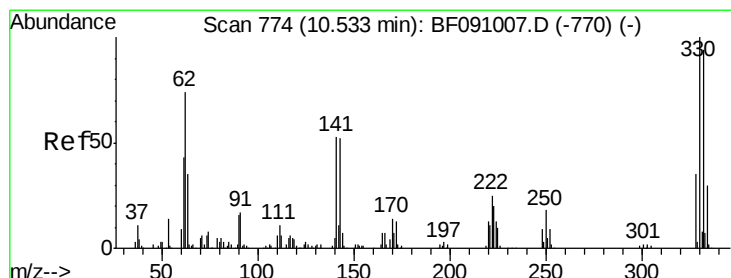
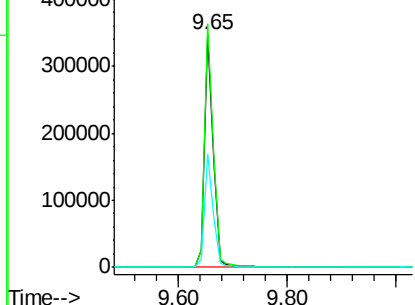
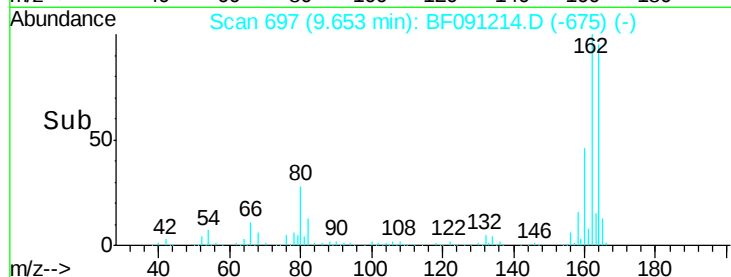
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF091214.D
Acq: 17 Nov 2016 16:08

Instrument :
BNA_F
ClientSampleId :
PB94770TB

Tgt Ion:164 Resp: 381929
Ion Ratio Lower Upper
164 100
162 104.8 83.6 125.4
160 48.5 37.9 56.9

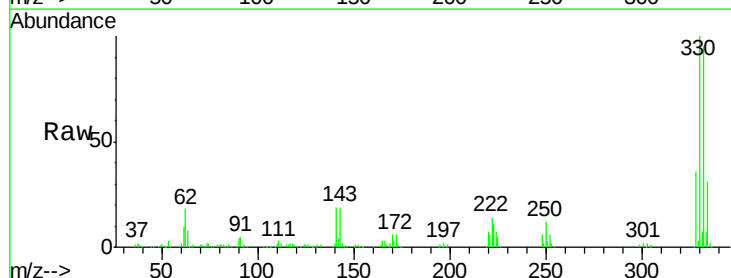


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

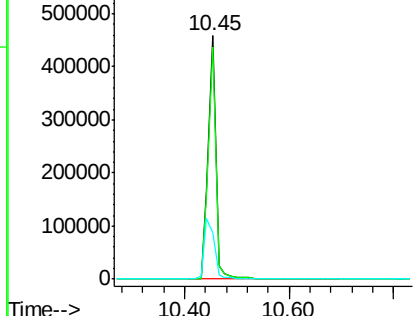
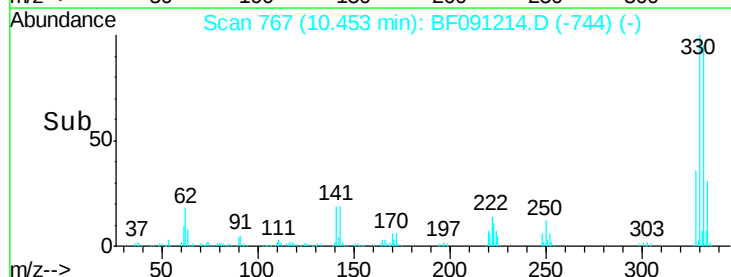


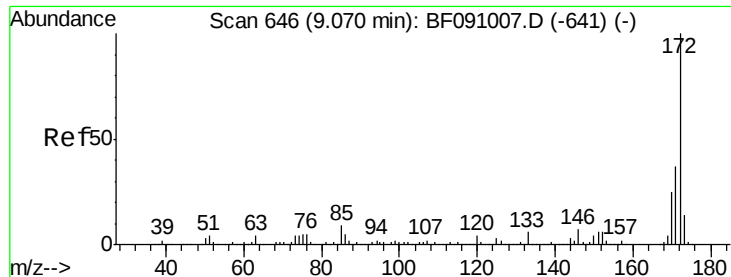
#41
2,4,6-Tribromophenol
Concen: 136.38 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF091214.D
Acq: 17 Nov 2016 16:08

Tgt Ion:330 Resp: 470895
Ion Ratio Lower Upper
330 100
332 95.1 75.9 113.9
141 33.9 36.1 54.1#



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

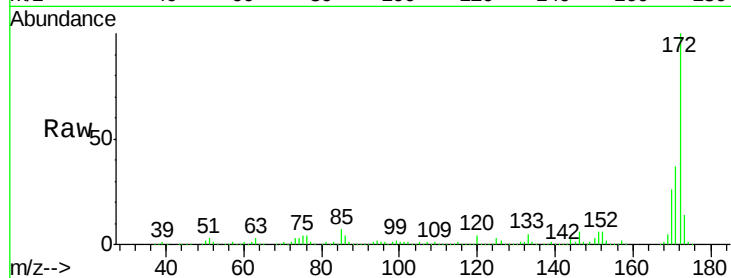




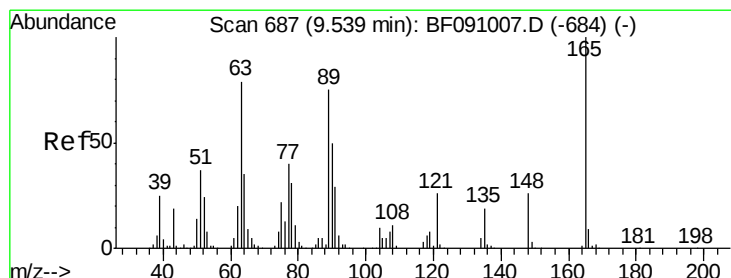
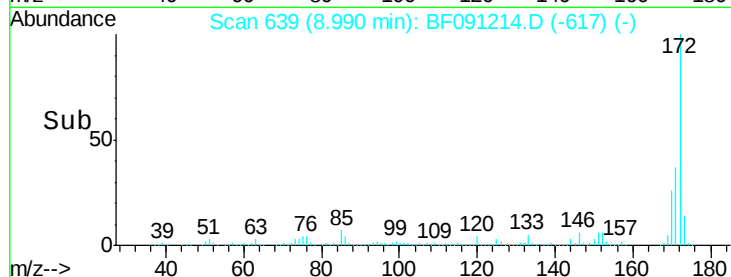
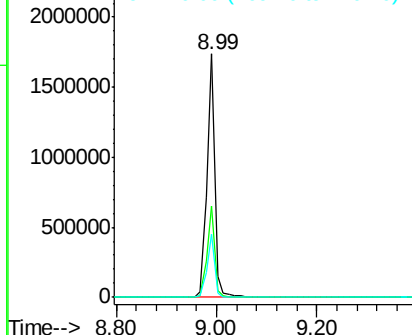
#44
 2-Fluorobiphenyl
 Concen: 85.64 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091214.D
 Acq: 17 Nov 2016 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB94770TB

Tgt Ion:172 Resp: 1899785
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 25.7 20.3 30.5

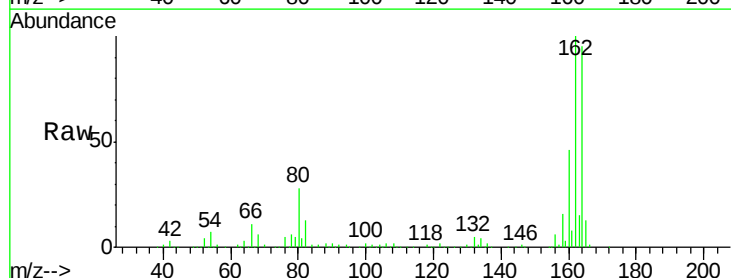


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

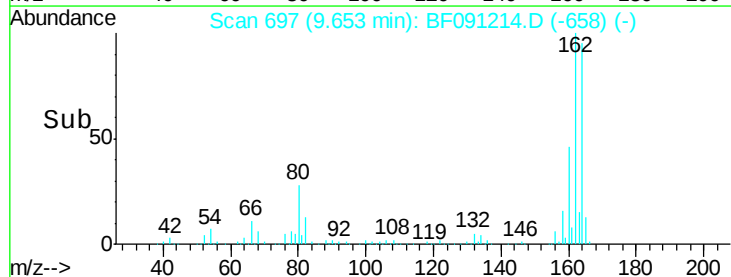
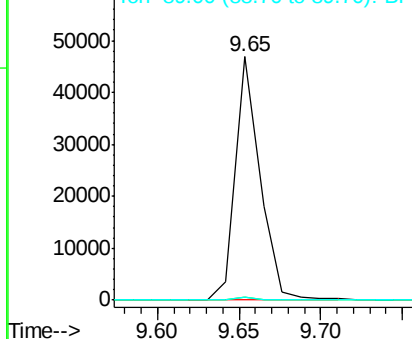


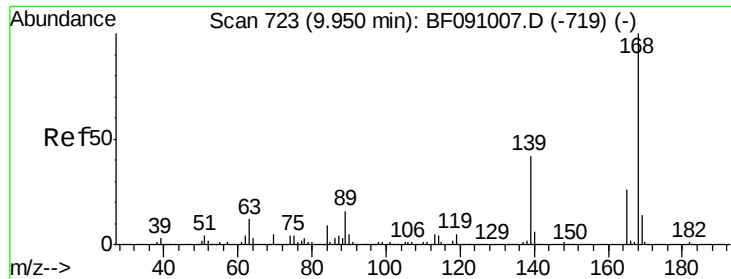
#50
 2,6-Dinitrotoluene
 Concen: 9.12 ng
 RT: 9.65 min Scan# 697
 Delta R.T. 0.15 min
 Lab File: BF091214.D
 Acq: 17 Nov 2016 16:08

Tgt Ion:165 Resp: 48974
 Ion Ratio Lower Upper
 165 100
 63 1.0 65.6 98.4#
 89 1.1 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

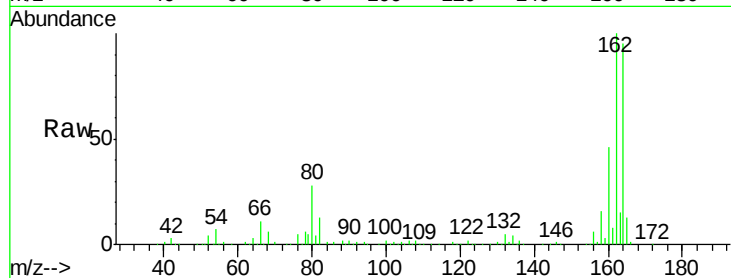




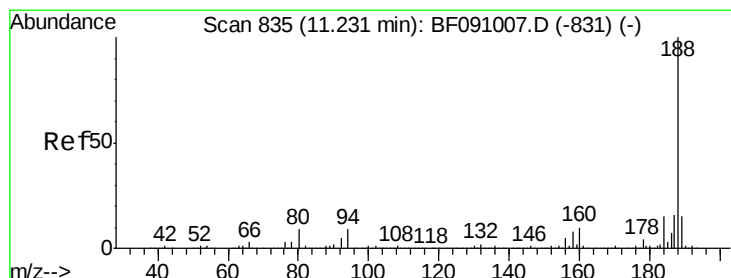
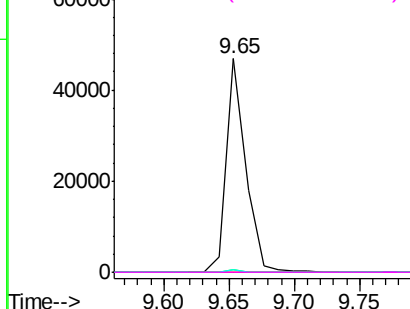
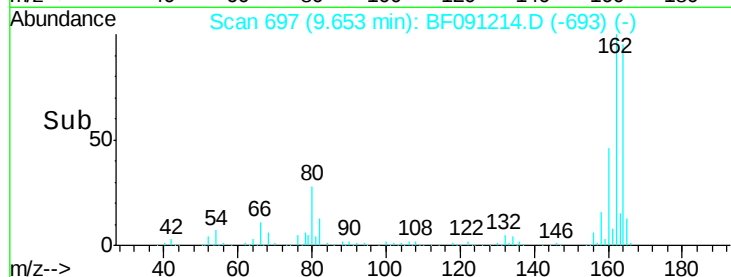
#56
 2,4-Dinitrotoluene
 Concen: 7.17 ng
 RT: 9.65 min Scan# 697
 Delta R.T. -0.25 min
 Lab File: BF091214.D
 Acq: 17 Nov 2016 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB94770TB

Tgt Ion:165 Resp: 48970
 Ion Ratio Lower Upper
 165 100
 63 1.0 38.7 58.1#
 89 1.1 50.6 76.0#
 182 0.0 1.8 2.8#

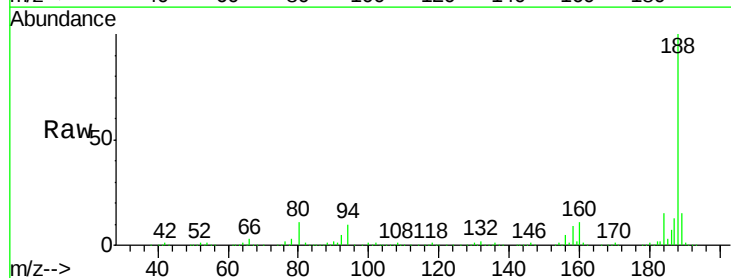


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

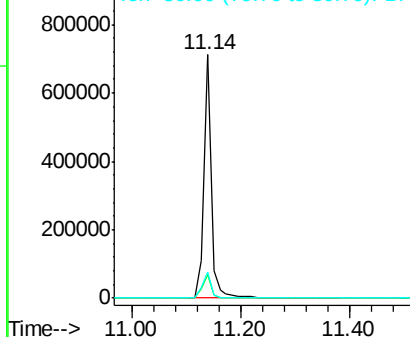
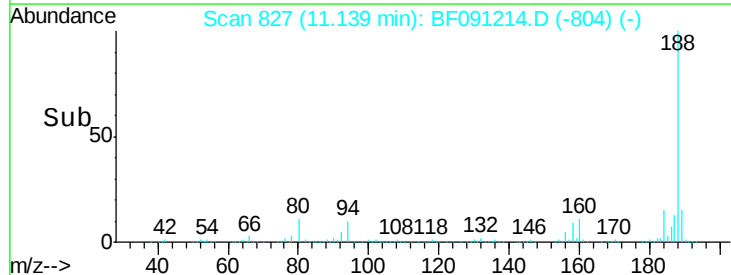


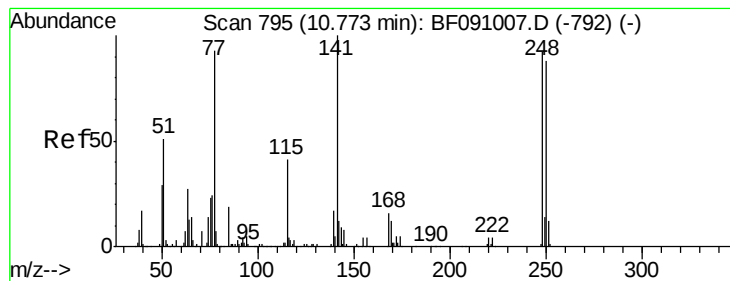
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF091214.D
 Acq: 17 Nov 2016 16:08

Tgt Ion:188 Resp: 670217
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.0 10.4
 80 10.7 7.5 11.3



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: 4.43 ng

RT: 10.45 min Scan# 767

Delta R.T. -0.27 min

Lab File: BF091214.D

Acq: 17 Nov 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB94770TB

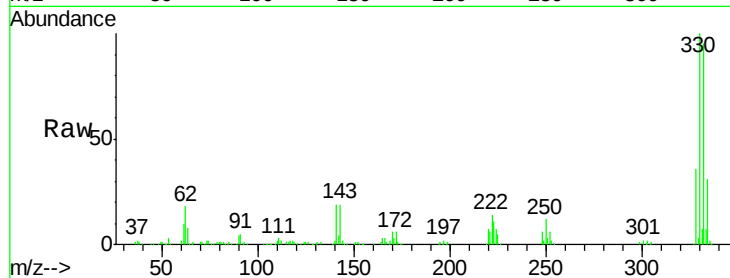
Tgt Ion:248 Resp: 30874

Ion Ratio Lower Upper

248 100

250 207.6 76.3 114.5#

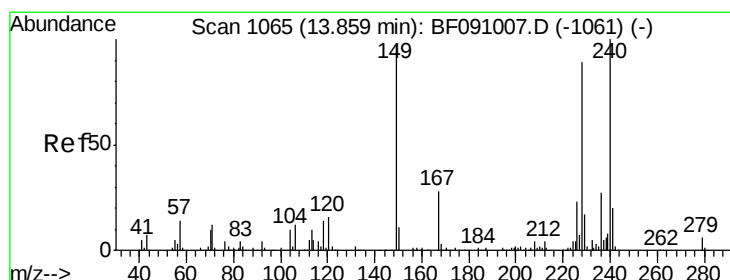
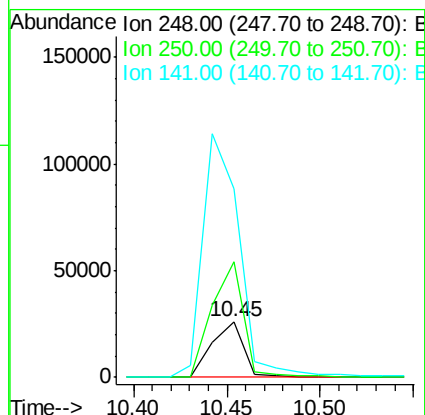
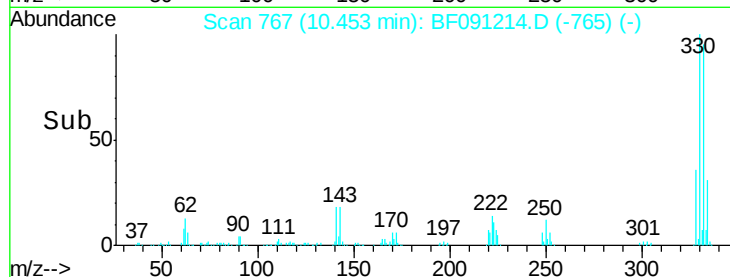
141 340.4 86.8 130.2#



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: 13.77 min Scan# 1057

Delta R.T. -0.05 min

Lab File: BF091214.D

Acq: 17 Nov 2016 16:08

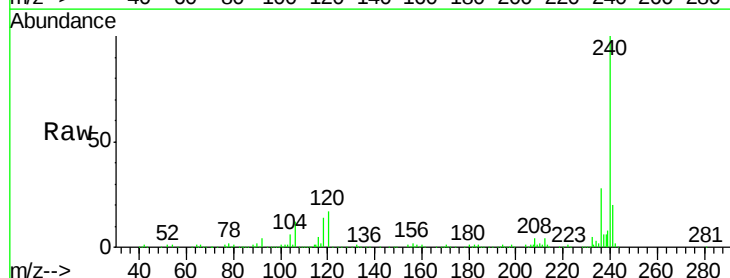
Tgt Ion:240 Resp: 454679

Ion Ratio Lower Upper

240 100

120 16.6 12.9 19.3

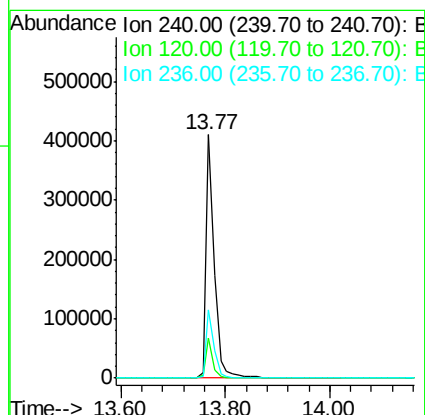
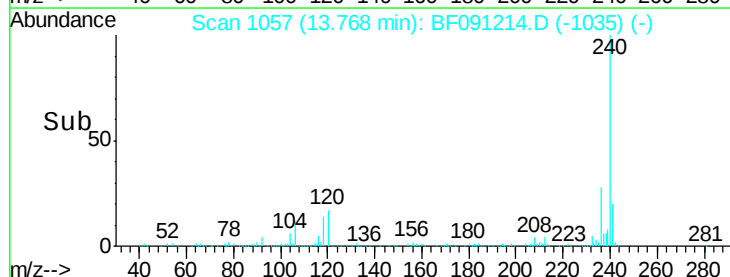
236 28.1 21.9 32.9

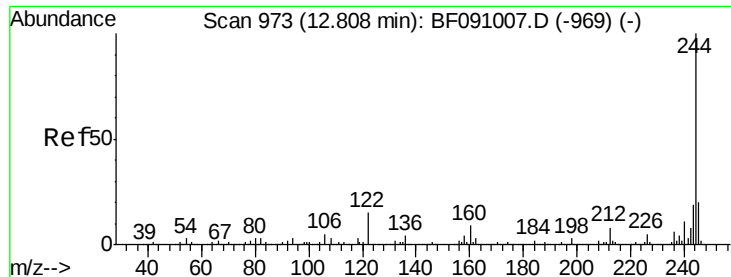


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

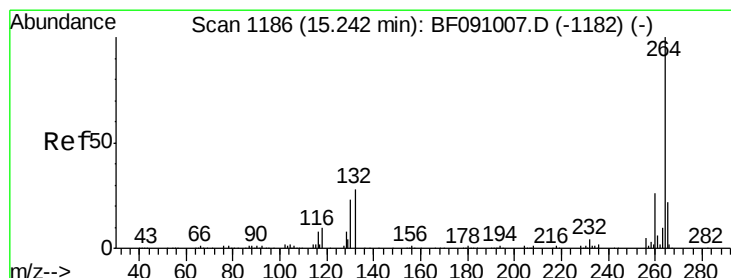
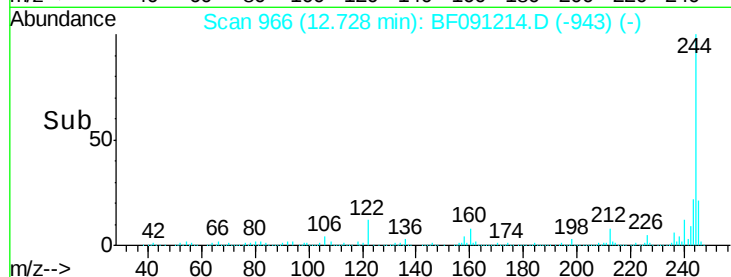
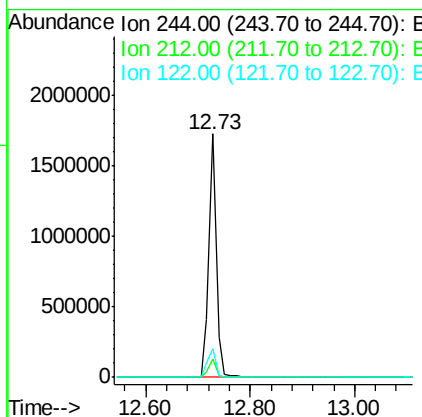
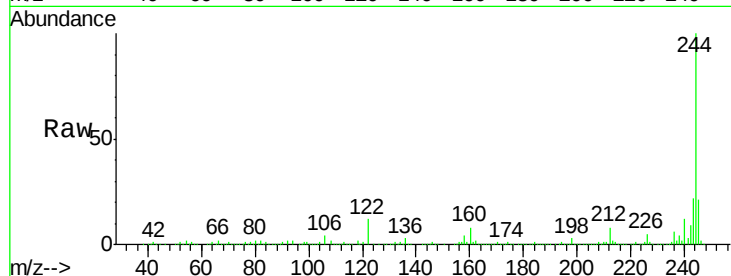




#78
 Terphenyl-d14
 Concen: 94.18 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.03 min
 Lab File: BF091214.D
 Acq: 17 Nov 2016 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB94770TB

Tgt Ion:244 Resp: 1715997
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 11.8 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091214.D
 Acq: 17 Nov 2016 16:08

Tgt Ion:264 Resp: 308700
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.6 30.8
 265 21.7 17.8 26.8

