

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
 Data File : BF091055.D
 Acq On : 7 Nov 2016 14:58
 Operator : UM/SJ
 Sample : H5510-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 17:39:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

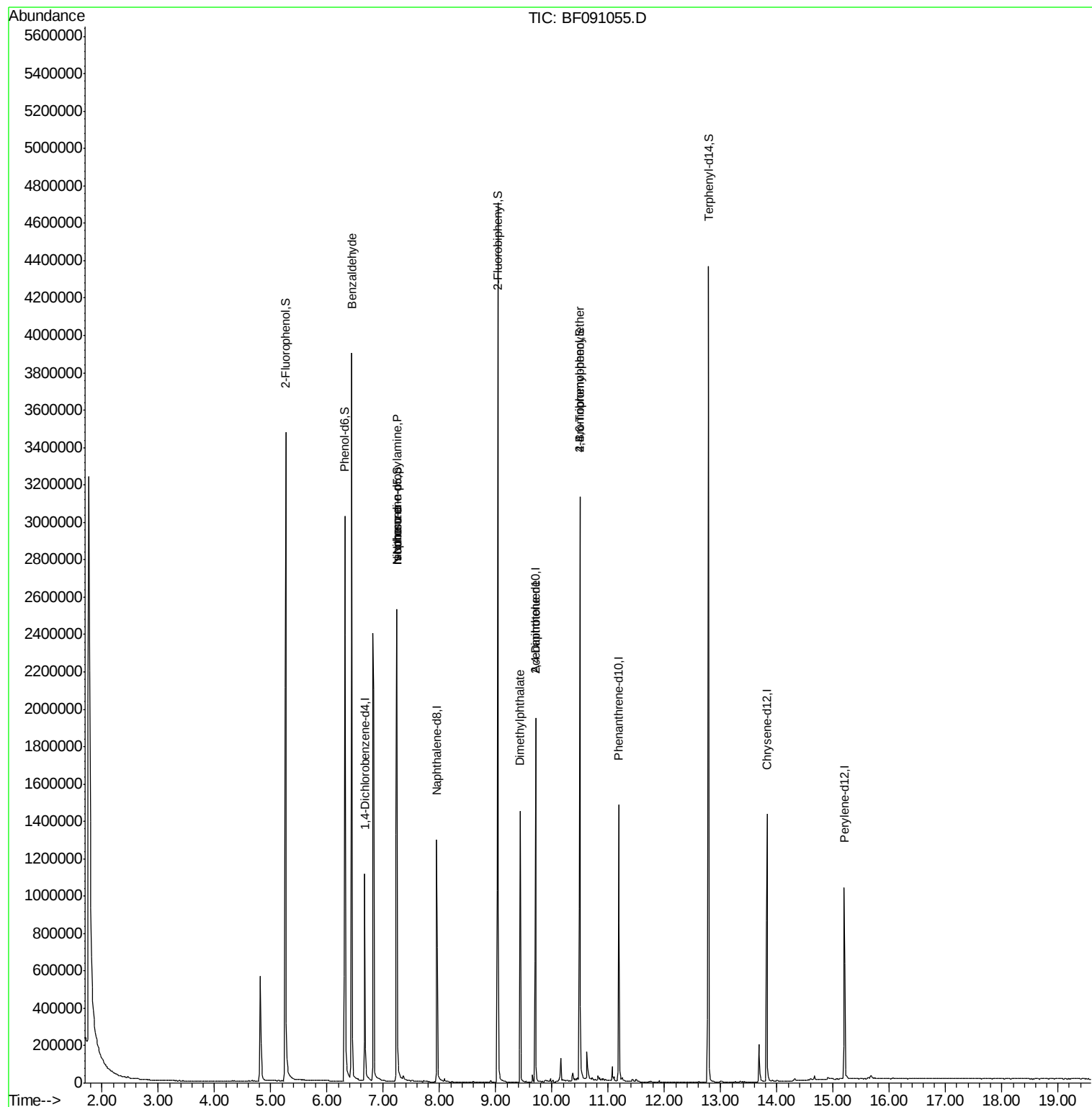
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	180697	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	743113	20.00	ng	-0.05
38) Acenaphthene-d10	9.71	164	426312	20.00	ng	-0.03
63) Phenanthrene-d10	11.18	188	652834	20.00	ng	-0.05
75) Chrysene-d12	13.83	240	592744	20.00	ng	-0.03
86) Perylene-d12	15.20	264	454132	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1234634	112.84	ng	-0.02
7) Phenol-d6	6.32	99	1644035	110.71	ng	-0.03
23) Nitrobenzene-d5	7.24	82	1098219	80.62	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	370435	96.11	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	1558627	62.94	ng	-0.03
78) Terphenyl-d14	12.79	244	1938332	81.60	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.44	77	31124	3.78	ng	91
19) n-Nitroso-di-n-propylamine	7.24	70	152247	14.79	ng	# 74
25) Isophorone	7.24	82	1063999	40.53	ng	# 67
49) Dimethylphthalate	9.44	163	528563	18.91	ng	99
56) 2,4-Dinitrotoluene	9.71	165	54543	7.16	ng	# 26
66) 4-Bromophenyl-phenylether	10.50	248	26504	3.90	ng	# 1

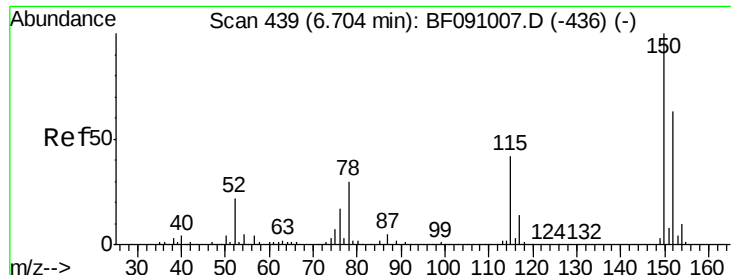
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF091055.D

Acq: 7 Nov 2016 14:58

Instrument :

BNA_F

ClientSampleId :

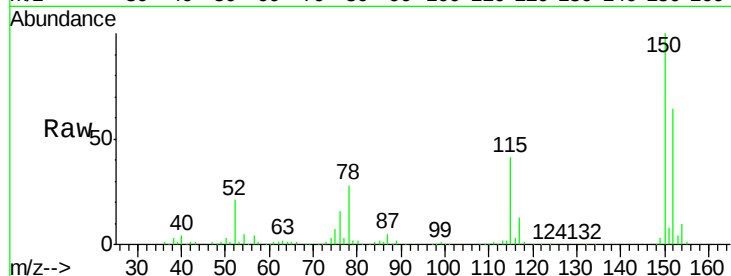
Tot Ion:152 Resp: 180697

Ion Ratio Lower Upper

152 100

150 155.9 126.8 190.2

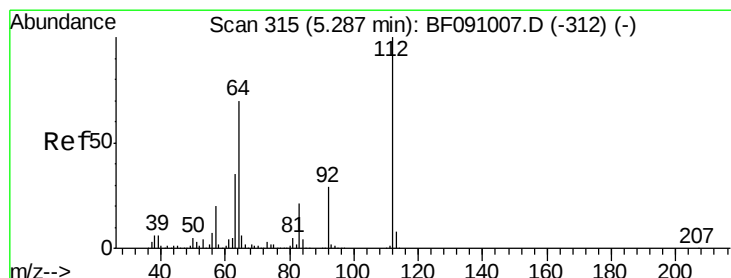
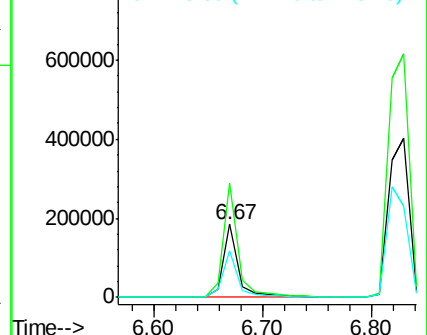
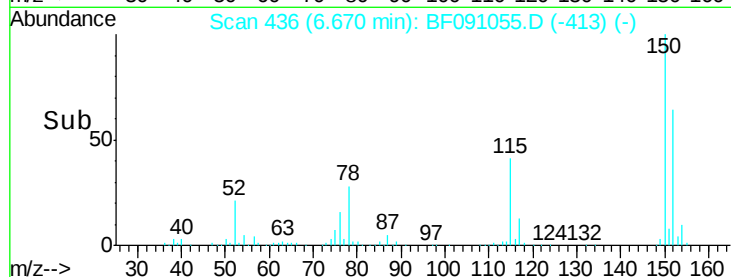
115 63.3 53.3 79.9



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: 112.84 ng

RT: 5.26 min Scan# 313

Delta R.T. -0.02 min

Lab File: BF091055.D

Acq: 7 Nov 2016 14:58

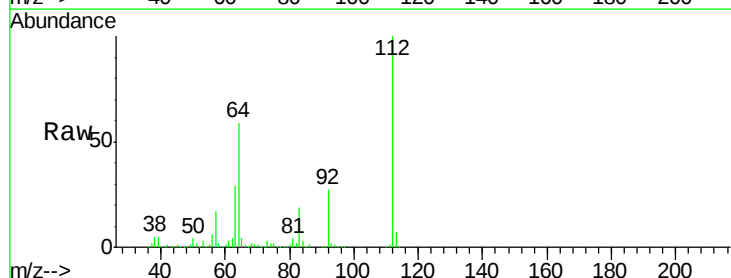
Tgt Ion:112 Resp: 1234634

Ion Ratio Lower Upper

112 100

64 58.8 55.8 83.6

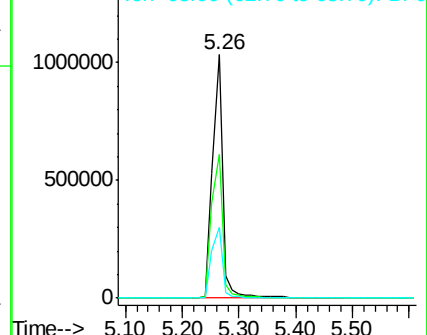
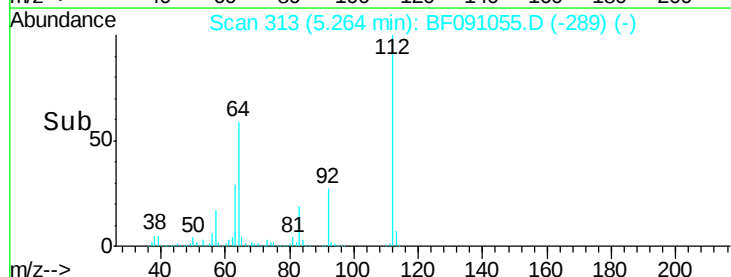
63 29.2 28.0 42.0

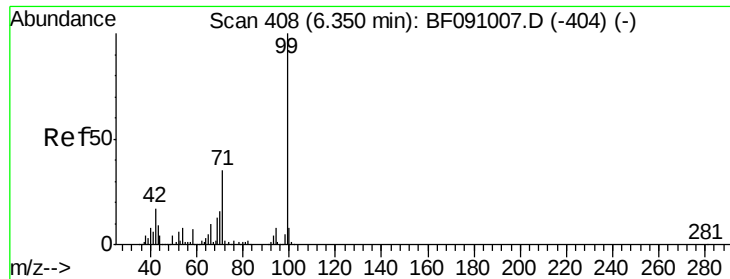


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.71 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.03 min

Lab File: BF091055.D

Acq: 7 Nov 2016 14:58

Instrument :

BNA_F

ClientSampled :

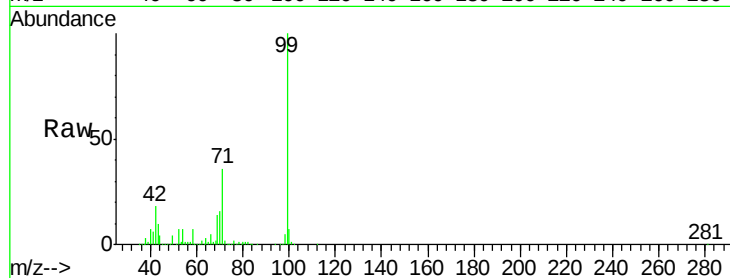
Tot Ion: 99 Resp: 1644035

Ion Ratio Lower Upper

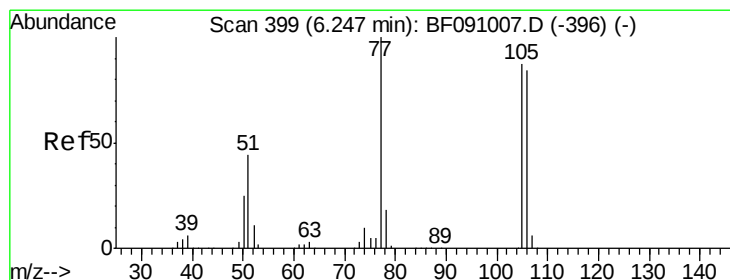
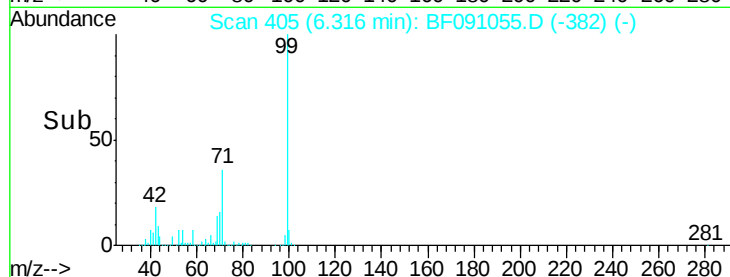
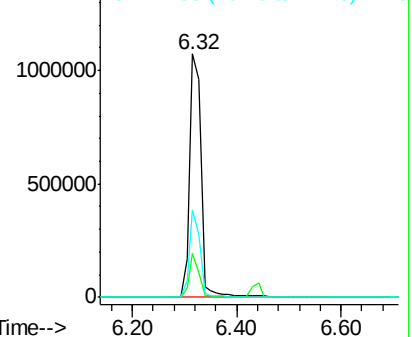
99 100

42 18.1 13.9 20.9

71 35.8 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: 3.78 ng

RT: 6.44 min Scan# 416

Delta R.T. 0.19 min

Lab File: BF091055.D

Acq: 7 Nov 2016 14:58

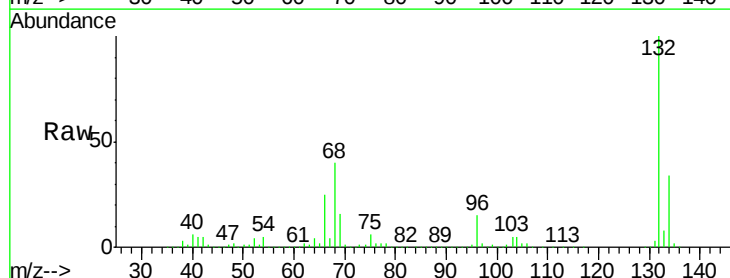
Tgt Ion: 77 Resp: 31124

Ion Ratio Lower Upper

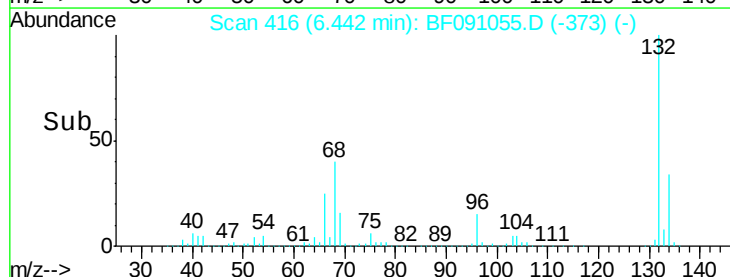
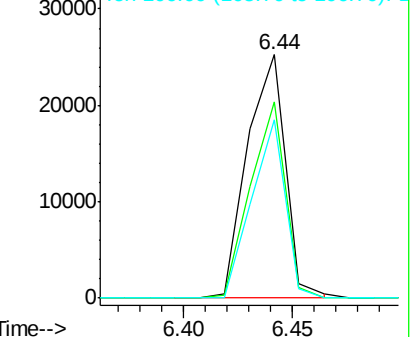
77 100

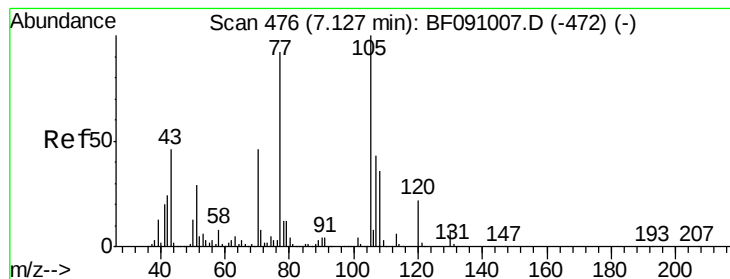
105 80.8 66.8 106.8

106 73.0 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





#19

n-Nitroso-di-n-propylamine

Concen: 14.79 ng

RT: 7.24 min Scan# 486

Delta R.T. 0.11 min

Lab File: BF091055.D

Acq: 7 Nov 2016 14:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 152247

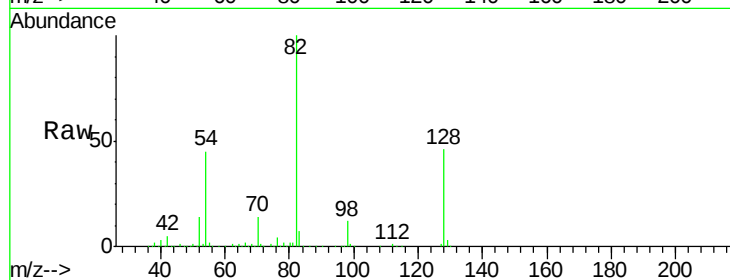
Ion Ratio Lower Upper

70 100

42 36.1 41.7 62.5#

101 0.0 6.7 10.1#

130 2.0 13.8 20.8#



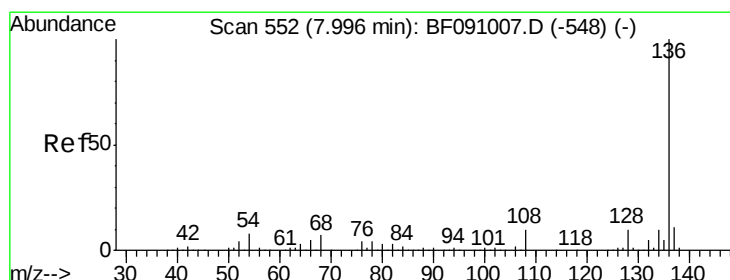
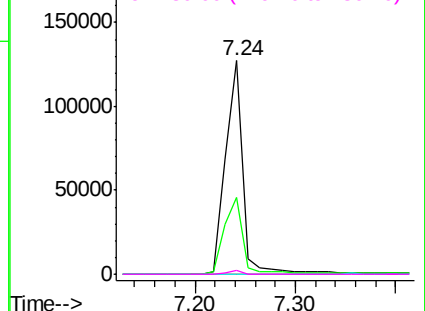
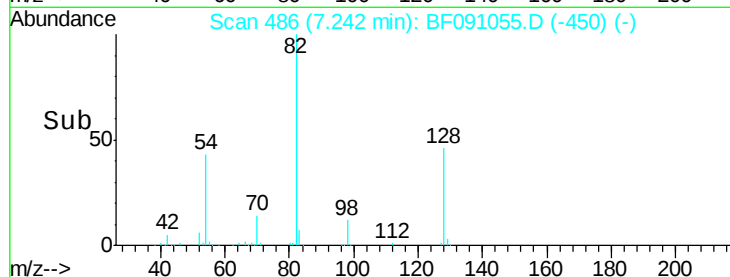
Abundance

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): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF091055.D

Acq: 7 Nov 2016 14:58

Tgt Ion: 136 Resp: 743113

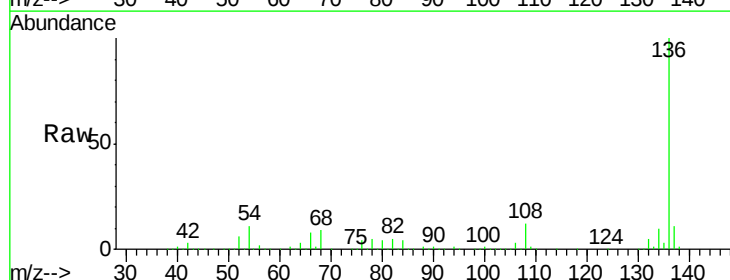
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 11.4 6.2 9.2#

68 9.4 5.5 8.3#



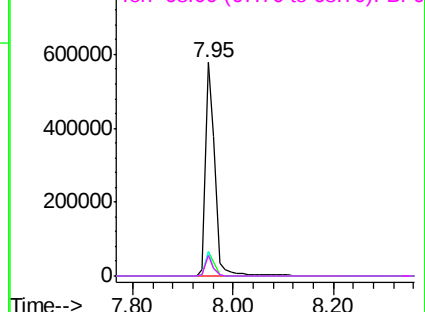
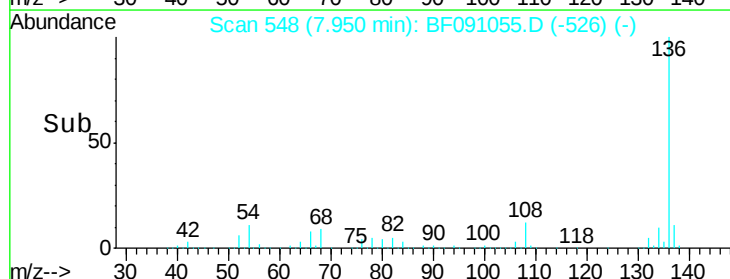
Abundance

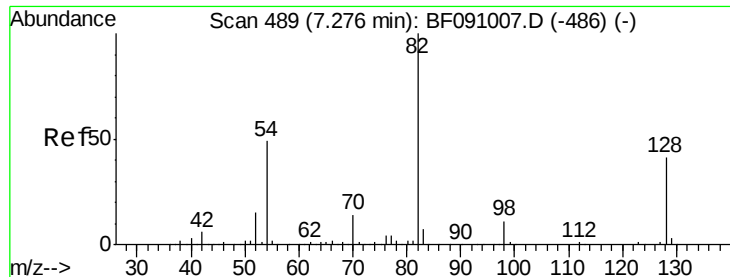
Ion 136.00 (135.70 to 136.70): E

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

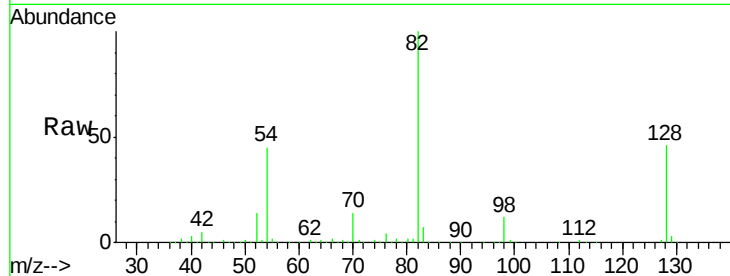




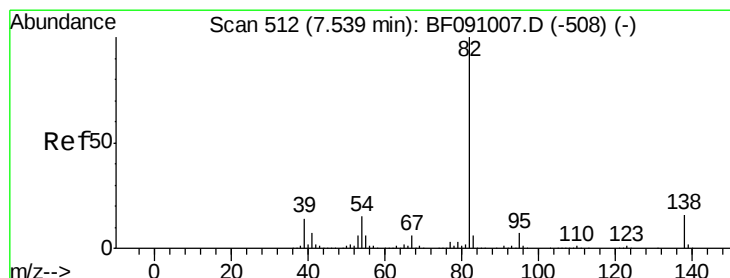
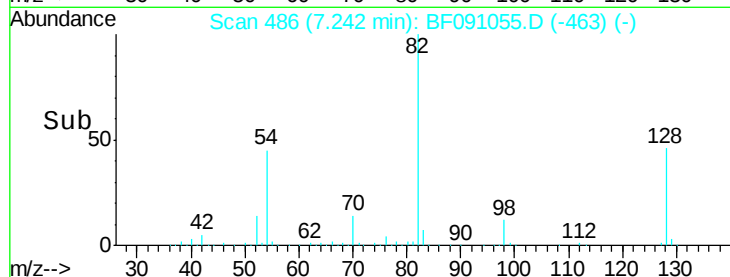
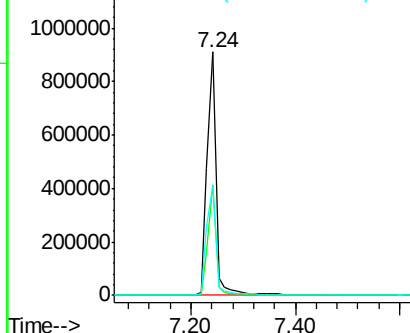
#23
 Nitrobenzene-d5
 Concen: 80.62 ng
 RT: 7.24 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF091055.D
 Acq: 7 Nov 2016 14:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1098219
 Ion Ratio Lower Upper
 82 100
 128 45.6 32.4 48.6
 54 44.6 39.2 58.8

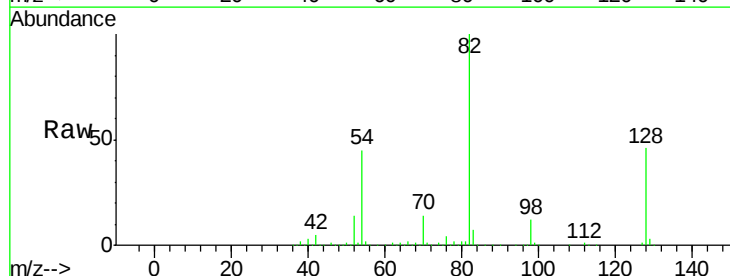


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

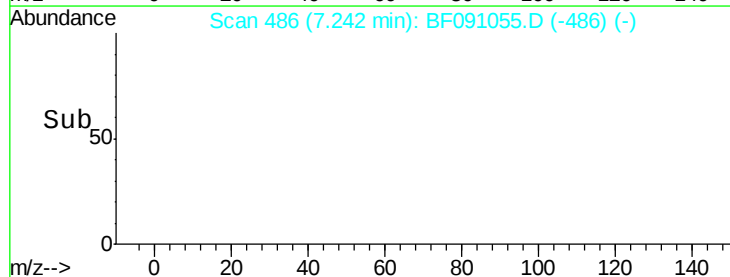
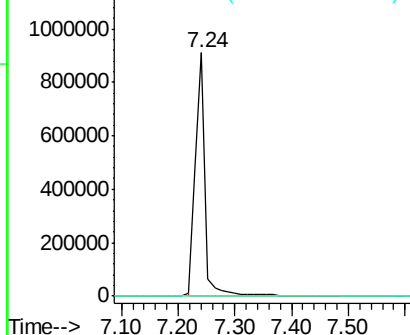


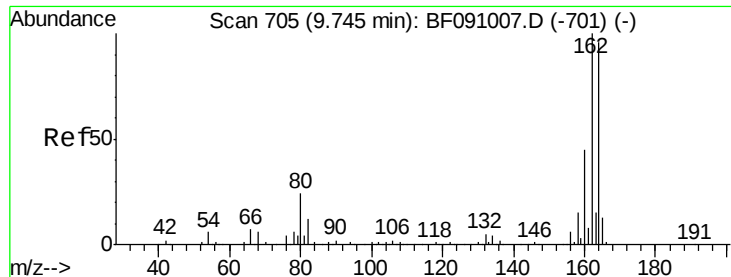
#25
 Isophorone
 Concen: 40.53 ng
 RT: 7.24 min Scan# 486
 Delta R.T. -0.30 min
 Lab File: BF091055.D
 Acq: 7 Nov 2016 14:58

Tgt Ion: 82 Resp: 1063999
 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: 9.71 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF091055.D

Acq: 7 Nov 2016 14:58

Instrument :

BNA_F

ClientSampleId :

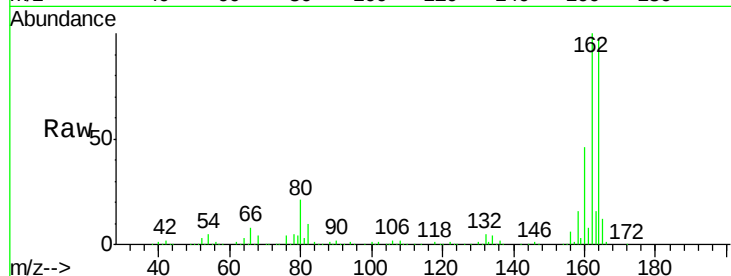
Tot Ion:164 Resp: 426312

Ion Ratio Lower Upper

164 100

162 103.5 83.6 125.4

160 47.2 37.9 56.9

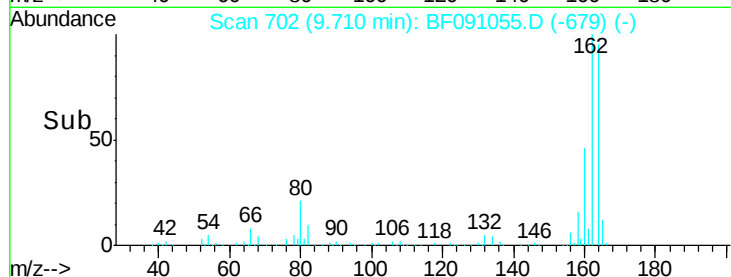


Abundance Ion 164.00 (163.70 to 164.70): E

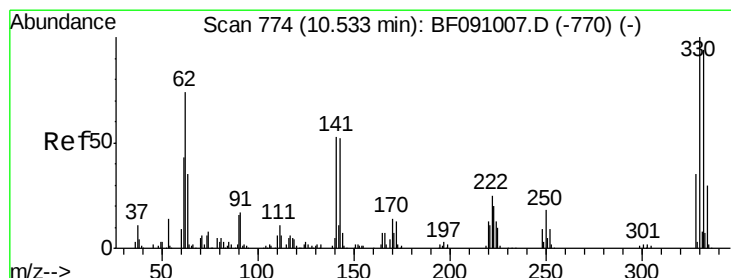
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

9.71



Time-->



#41

2,4,6-Tribromophenol

Concen: 96.11 ng

RT: 10.50 min Scan# 771

Delta R.T. -0.03 min

Lab File: BF091055.D

Acq: 7 Nov 2016 14:58

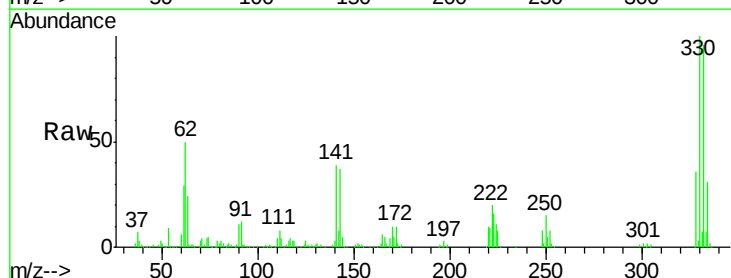
Tgt Ion:330 Resp: 370435

Ion Ratio Lower Upper

330 100

332 95.8 75.9 113.9

141 41.7 36.1 54.1

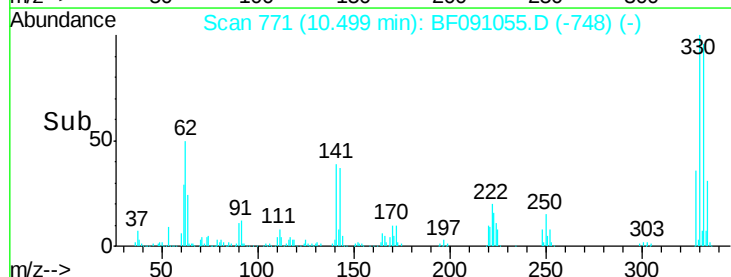


Abundance Ion 329.80 (329.50 to 330.50): E

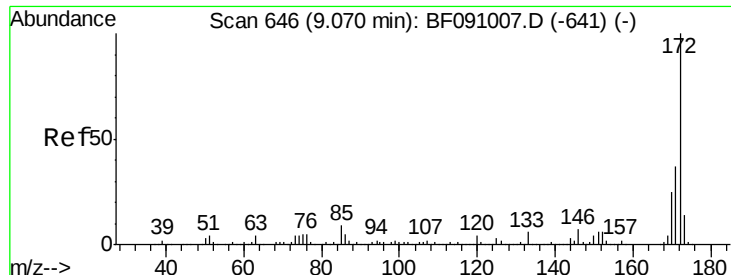
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

10.50



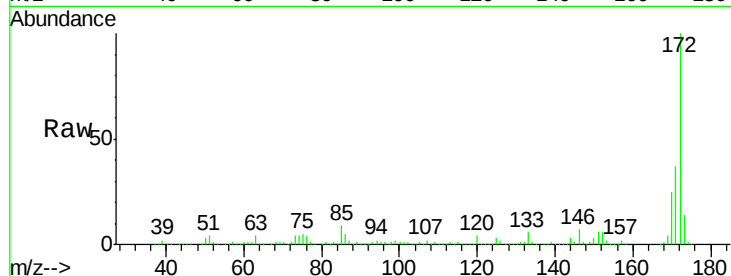
Time-->



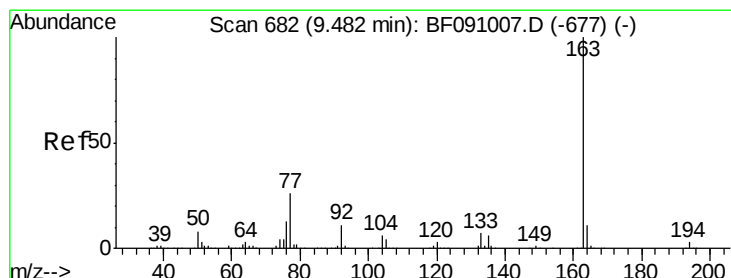
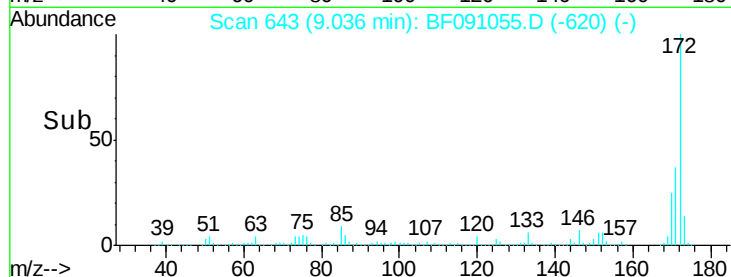
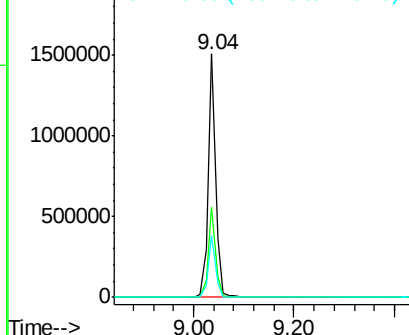
#44
2-Fluorobiphenyl
Concen: 62.94 ng
RT: 9.04 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF091055.D
Acq: 7 Nov 2016 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1558627
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 25.2 20.3 30.5

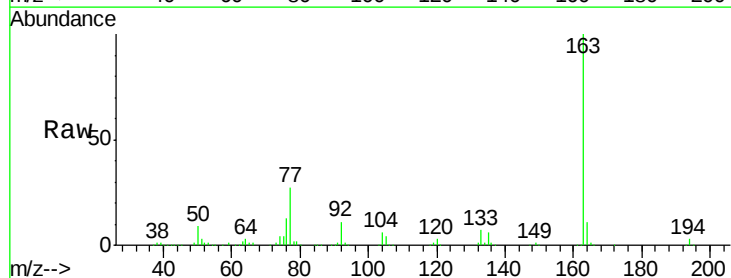


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

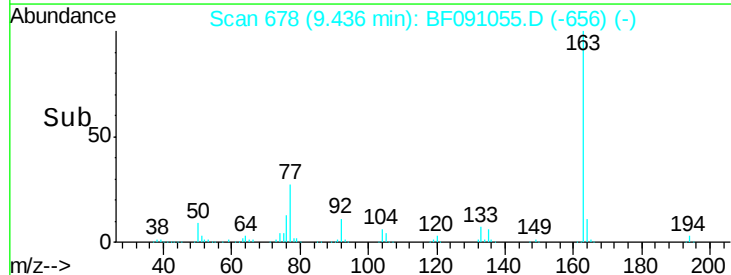
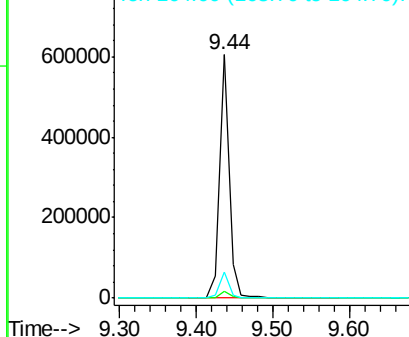


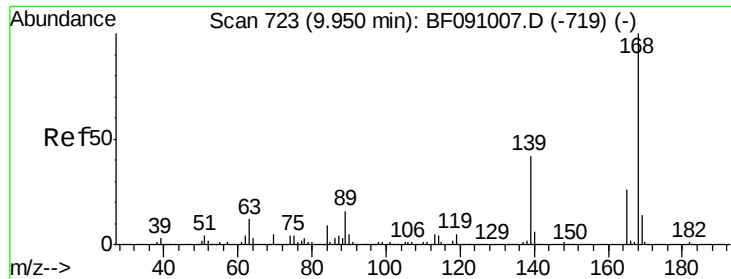
#49
Dimethylphthalate
Concen: 18.91 ng
RT: 9.44 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF091055.D
Acq: 7 Nov 2016 14:58

Tgt Ion:163 Resp: 528563
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.6 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

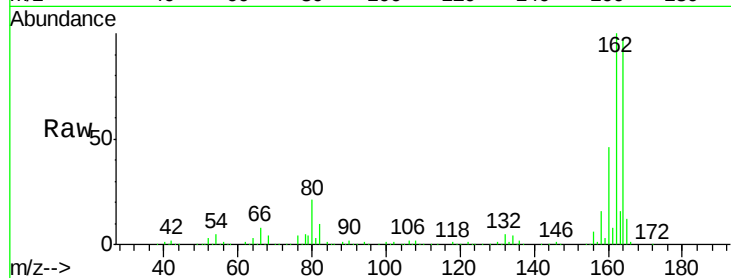




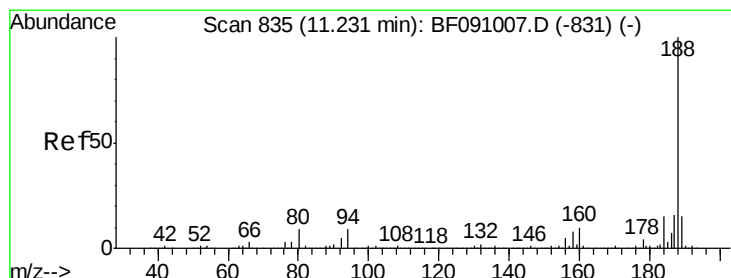
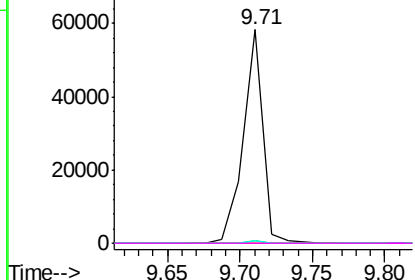
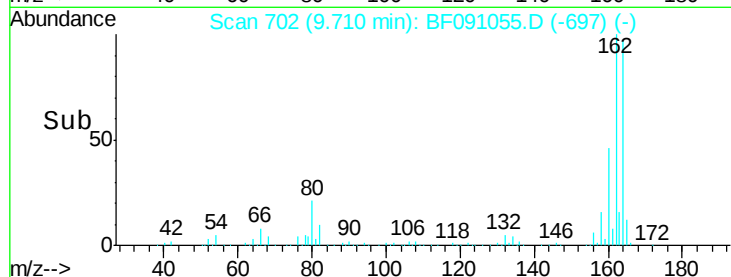
#56
2,4-Dinitrotoluene
Concen: 7.16 ng
RT: 9.71 min Scan# 702
Delta R.T. -0.24 min
Lab File: BF091055.D
Acq: 7 Nov 2016 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 54543
Ion Ratio Lower Upper
165 100
63 1.0 38.7 58.1#
89 0.9 50.6 76.0#
182 0.0 1.8 2.8#

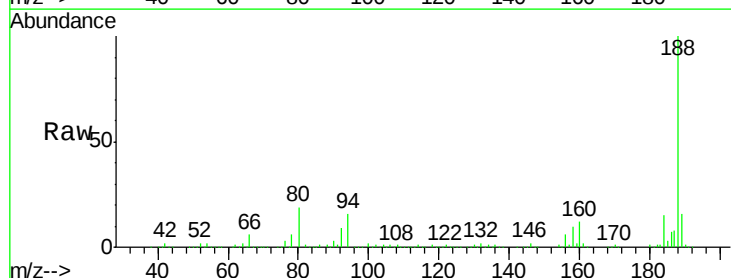


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

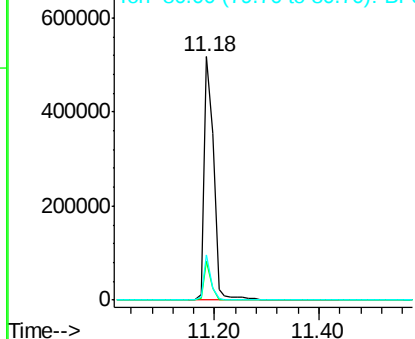
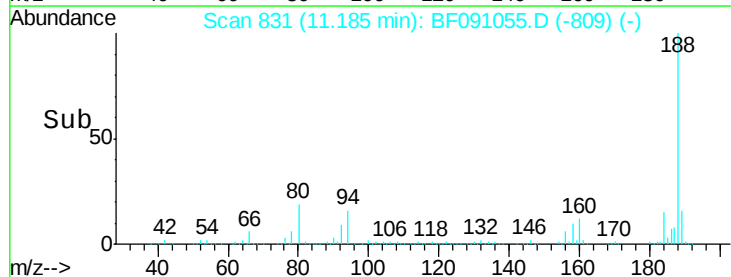


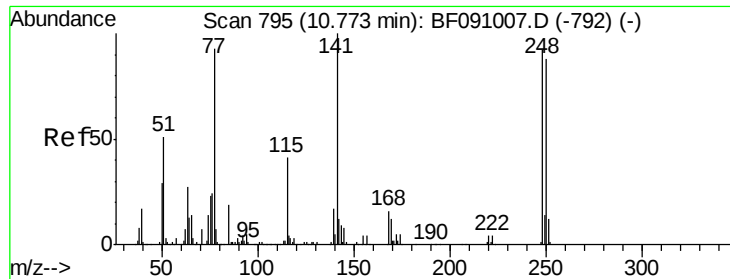
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 831
Delta R.T. -0.05 min
Lab File: BF091055.D
Acq: 7 Nov 2016 14:58

Tgt Ion:188 Resp: 652834
Ion Ratio Lower Upper
188 100
94 15.9 7.0 10.4#
80 18.7 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

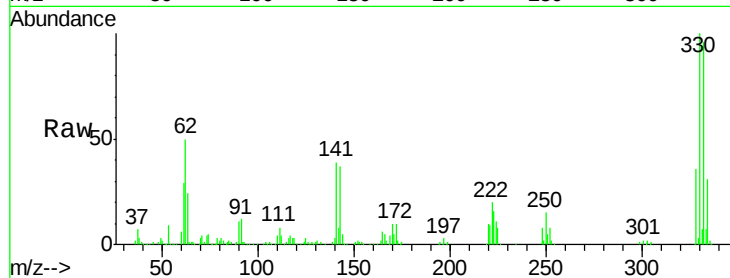




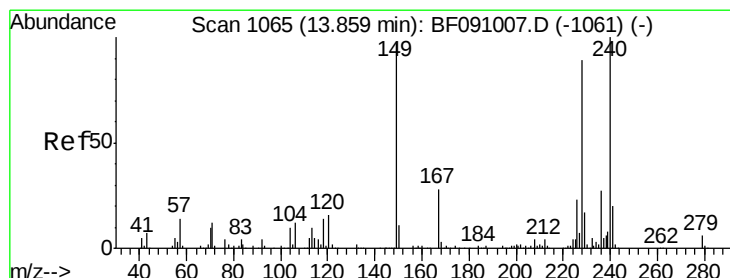
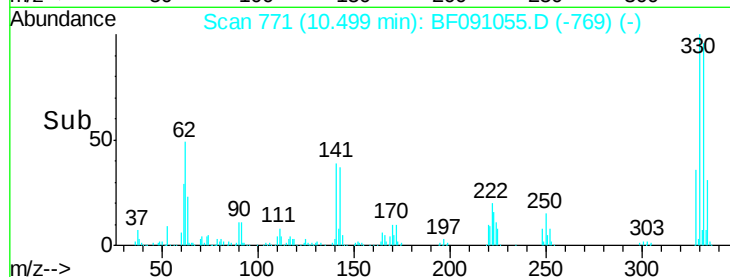
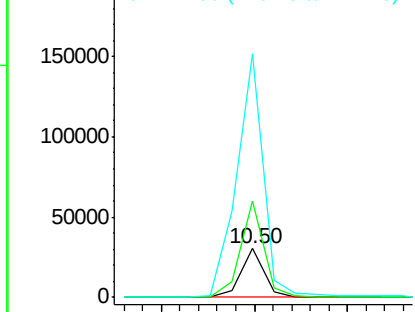
#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.50 min Scan# 771
Delta R.T. -0.27 min
Lab File: BF091055.D
Acq: 7 Nov 2016 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 26504
Ion Ratio Lower Upper
248 100
250 197.7 76.3 114.5#
141 501.5 86.8 130.2#

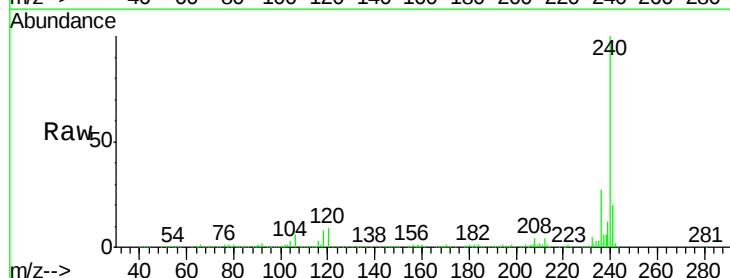


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

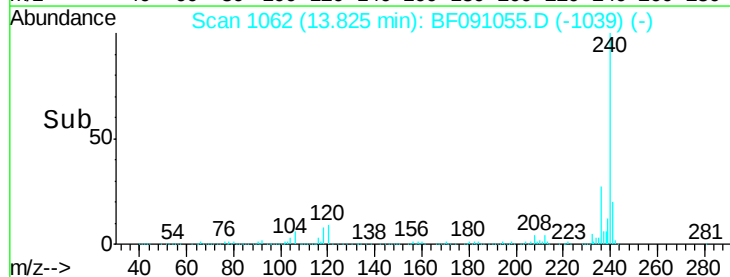
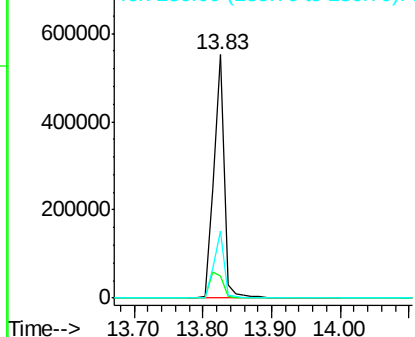


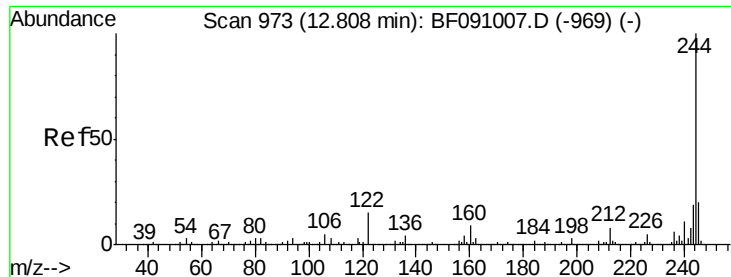
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1062
Delta R.T. -0.03 min
Lab File: BF091055.D
Acq: 7 Nov 2016 14:58

Tgt Ion:240 Resp: 592744
Ion Ratio Lower Upper
240 100
120 9.3 12.9 19.3#
236 27.4 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

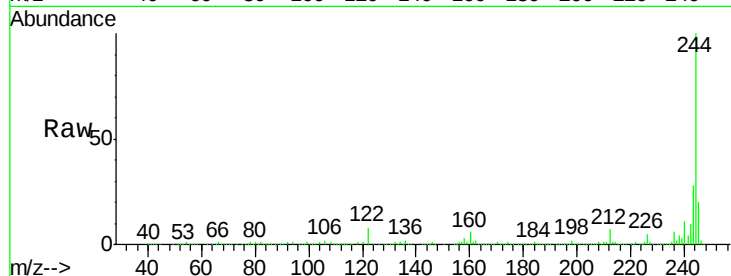




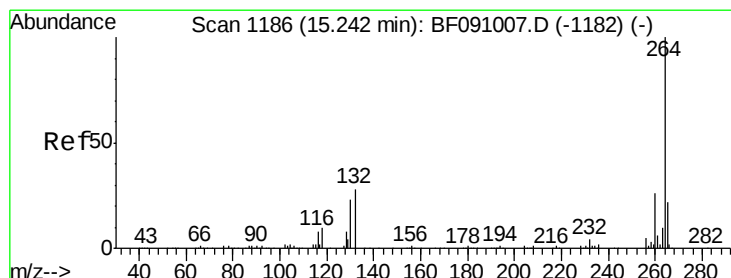
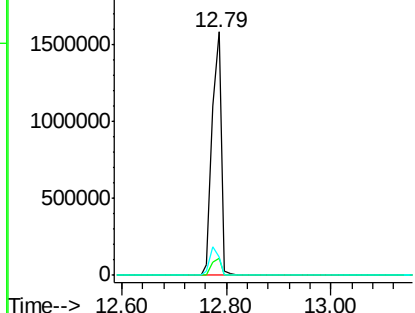
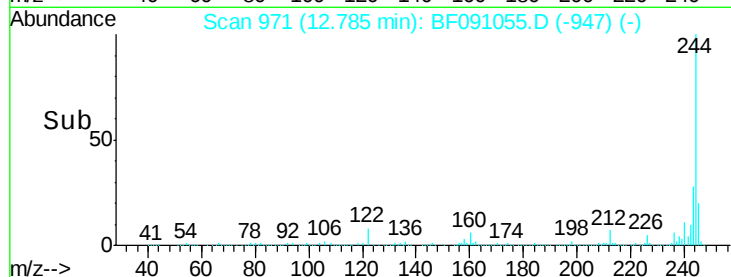
#78
 Terphenyl-d14
 Concen: 81.60 ng
 RT: 12.79 min Scan# 971
 Delta R.T. -0.02 min
 Lab File: BF091055.D
 Acq: 7 Nov 2016 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1938332
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.4 9.6
 122 7.6 12.3 18.5#

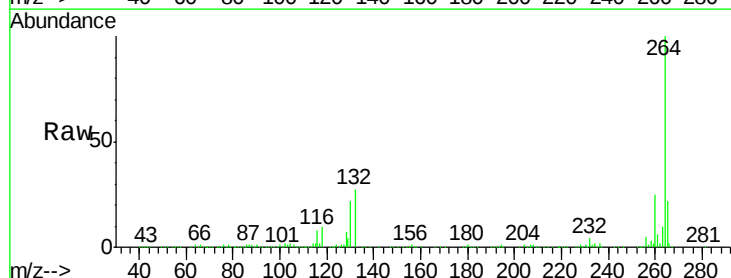


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1182
 Delta R.T. -0.05 min
 Lab File: BF091055.D
 Acq: 7 Nov 2016 14:58

Tgt Ion:264 Resp: 454132
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.6 30.8
 265 22.0 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

