

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091195.D
 Acq On : 16 Nov 2016 18:32
 Operator : UM/SJ
 Sample : H5636-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS043044

Quant Time: Nov 16 23:53:19 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

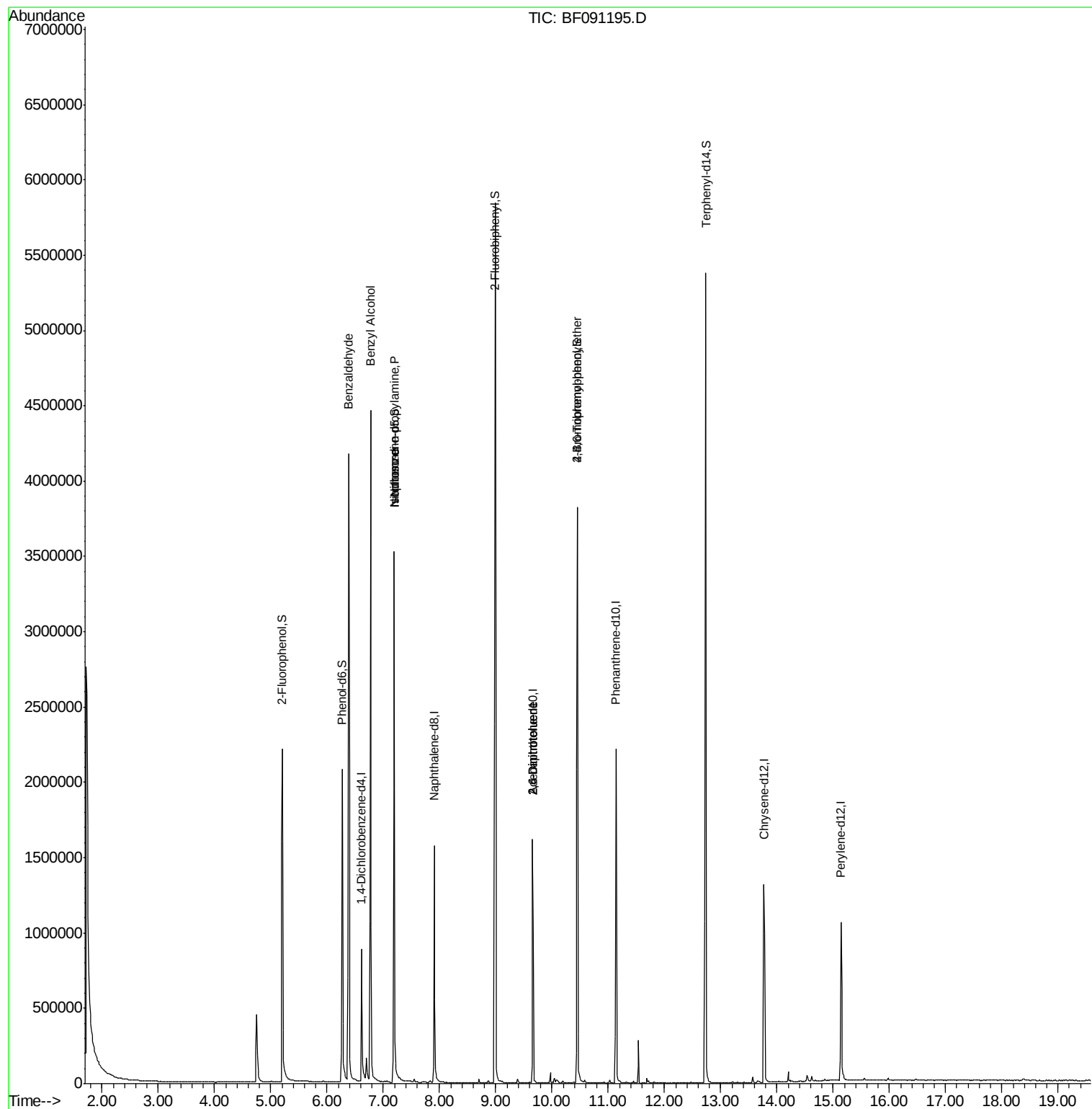
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	194697	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	819153	20.00	ng	-0.05
38) Acenaphthene-d10	9.65	164	442366	20.00	ng	-0.05
63) Phenanthrene-d10	11.14	188	785347	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	594317	20.00	ng	-0.05
86) Perylene-d12	15.14	264	465960	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	938228	79.59	ng	-0.03
7) Phenol-d6	6.27	99	772671	48.29	ng	-0.05
23) Nitrobenzene-d5	7.20	82	1565382	104.24	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	591742	147.96	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	2330683	90.71	ng	-0.05
78) Terphenyl-d14	12.74	244	2595715	108.99	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.38	77	32603	3.67	ng	86
15) Benzyl Alcohol	6.77	79	23500	2.08	ng	# 50
19) n-Nitroso-di-n-propylamine	7.20	70	221354	19.96	ng	# 76
25) Isophorone	7.20	82	1527657	52.80	ng	# 67
50) 2,6-Dinitrotoluene	9.65	165	57648	9.27	ng	# 12
56) 2,4-Dinitrotoluene	9.65	165	57641	7.29	ng	# 26
66) 4-Bromophenyl-phenylether	10.45	248	40834	5.00	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: BF091195.D

Acq: 16 Nov 2016 18:32

Instrument :

BNA_F

ClientSampleId :

CPS043044

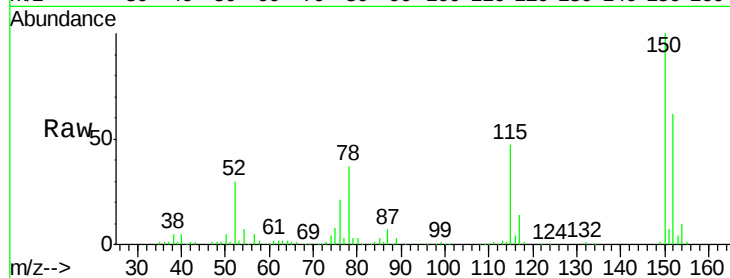
Tgt Ion:152 Resp: 194697

Ion Ratio Lower Upper

152 100

150 161.6 126.8 190.2

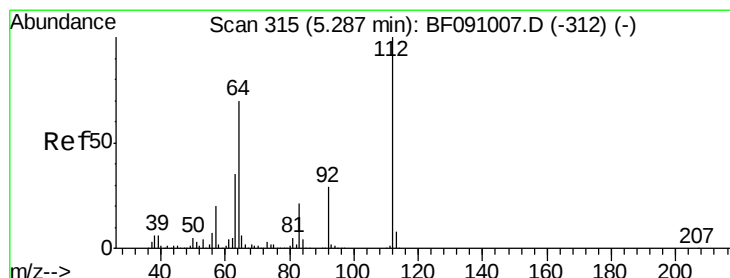
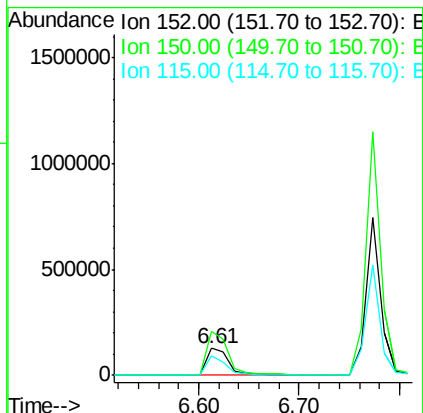
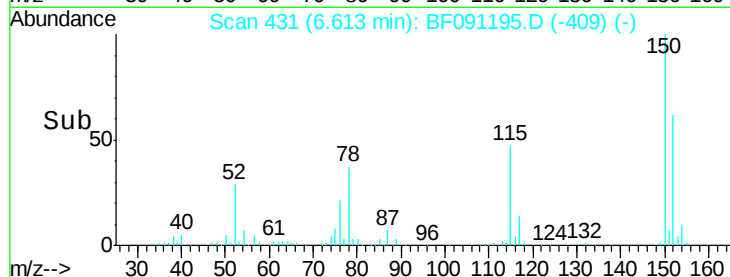
115 75.5 53.3 79.9



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: 79.59 ng

RT: 5.21 min Scan# 308

Delta R.T. -0.03 min

Lab File: BF091195.D

Acq: 16 Nov 2016 18:32

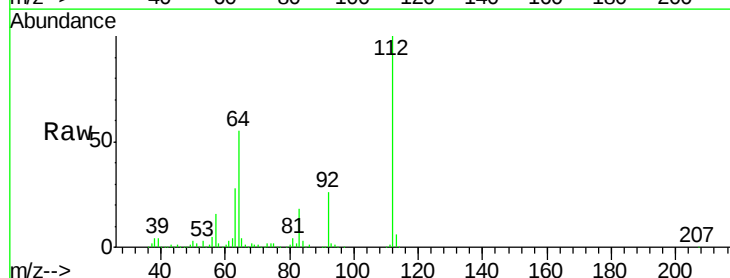
Tgt Ion:112 Resp: 938228

Ion Ratio Lower Upper

112 100

64 54.6 55.8 83.6#

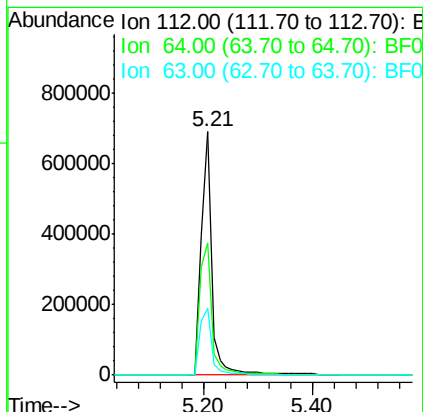
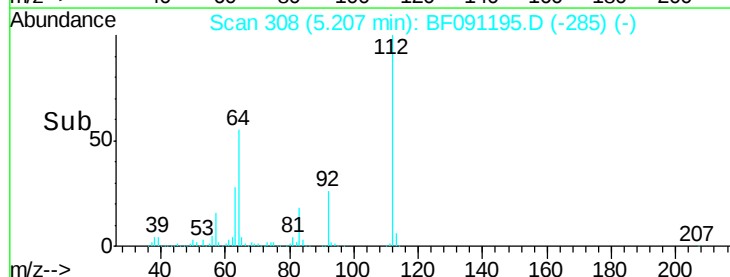
63 27.6 28.0 42.0#



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: 48.29 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091195.D

Acq: 16 Nov 2016 18:32

Instrument :

BNA_F

ClientSampleId :

CPS043044

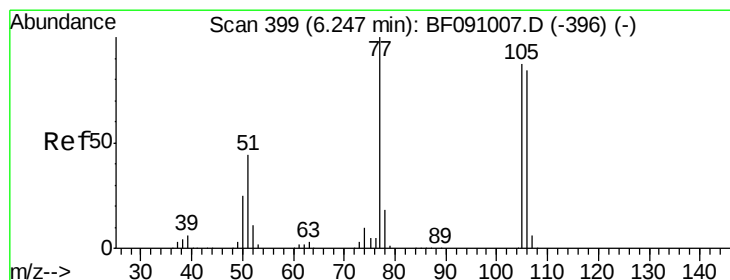
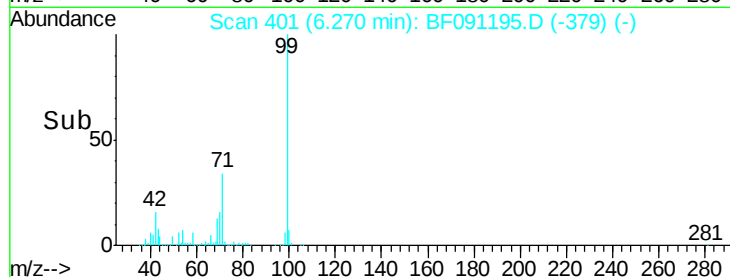
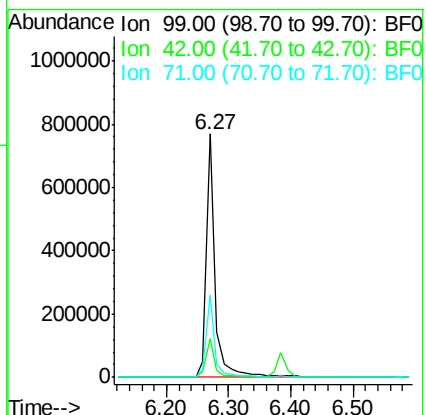
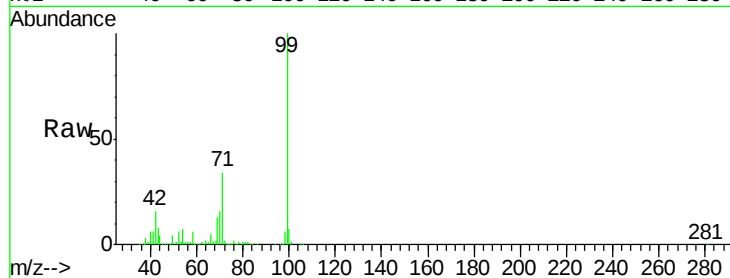
Tgt Ion: 99 Resp: 772671

Ion Ratio Lower Upper

99 100

42 15.9 13.9 20.9

71 33.6 27.8 41.8



#9

Benzaldehyde

Concen: 3.67 ng

RT: 6.38 min Scan# 411

Delta R.T. 0.18 min

Lab File: BF091195.D

Acq: 16 Nov 2016 18:32

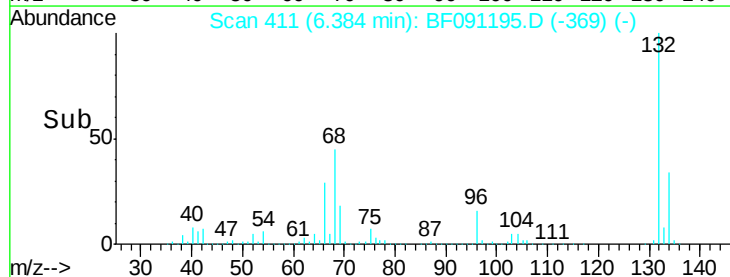
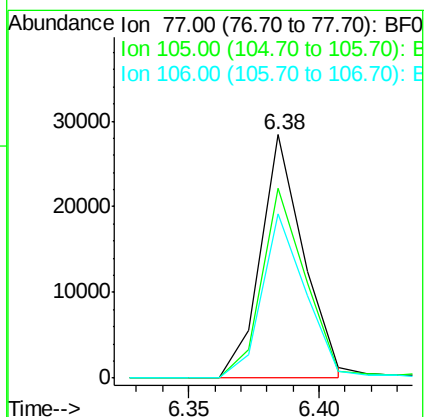
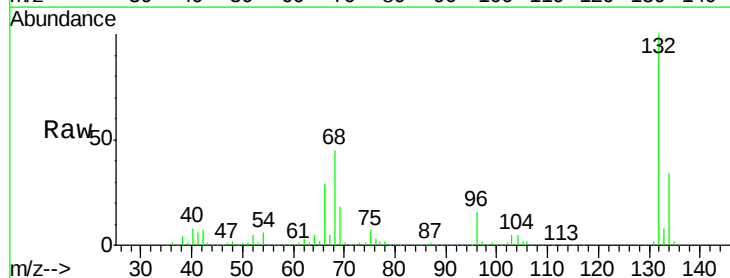
Tgt Ion: 77 Resp: 32603

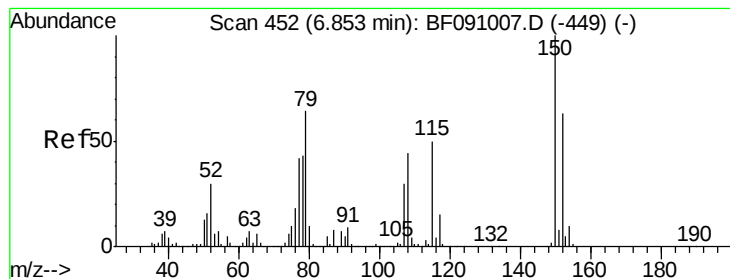
Ion Ratio Lower Upper

77 100

105 78.2 66.8 106.8

106 67.6 64.0 104.0





#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 6.77 min Scan# 445

Delta R.T. -0.05 min

Lab File: BF091195.D

Acq: 16 Nov 2016 18:32

Instrument :

BNA_F

ClientSampleId :

CPS043044

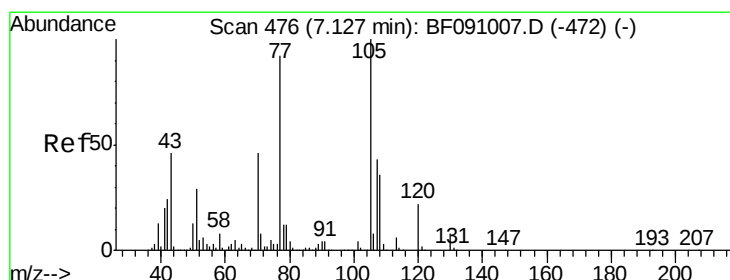
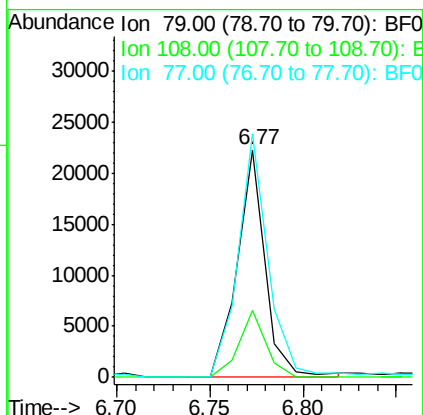
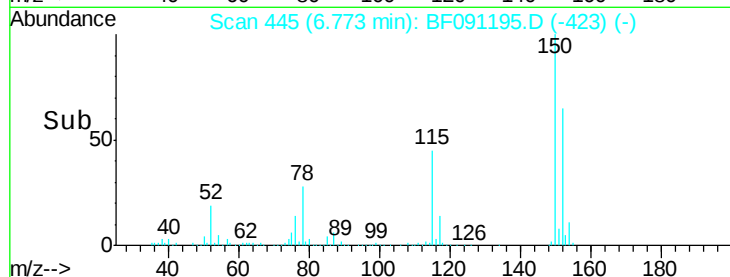
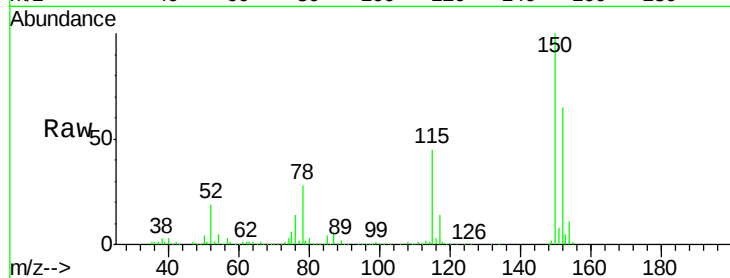
Tgt Ion: 79 Resp: 23500

Ion Ratio Lower Upper

79 100

108 29.6 55.7 83.5#

77 107.2 52.6 79.0#



#19

n-Nitroso-di-n-propylamine

Concen: 19.96 ng

RT: 7.20 min Scan# 482

Delta R.T. 0.10 min

Lab File: BF091195.D

Acq: 16 Nov 2016 18:32

Tgt Ion: 70 Resp: 221354

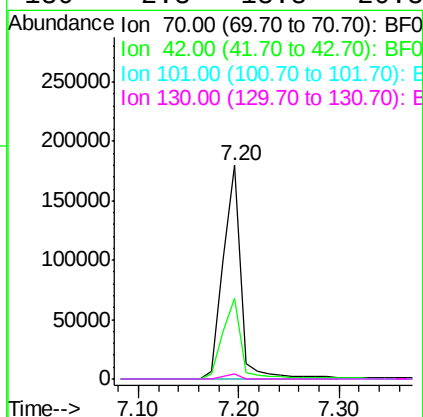
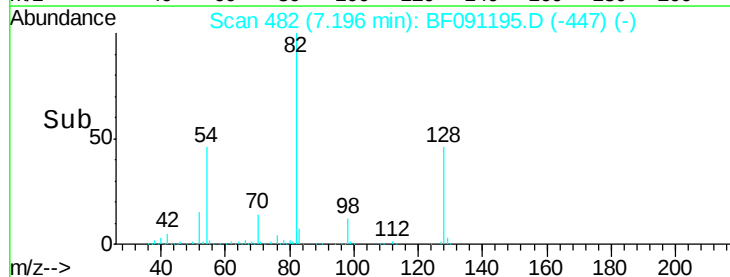
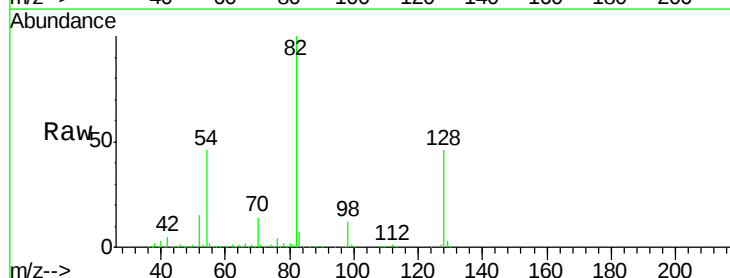
Ion Ratio Lower Upper

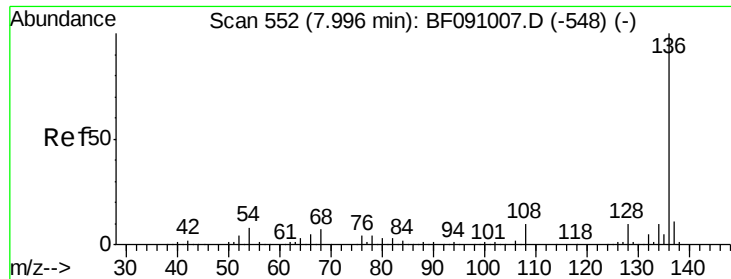
70 100

42 37.5 41.7 62.5#

101 0.0 6.7 10.1#

130 2.3 13.8 20.8#

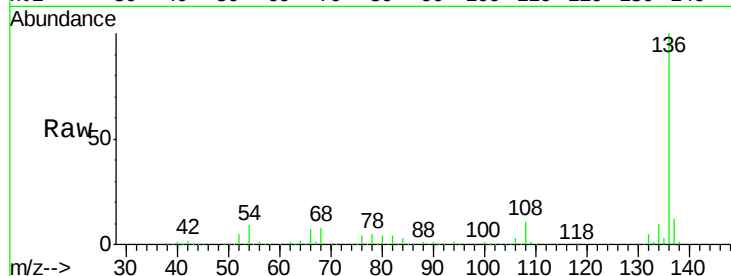




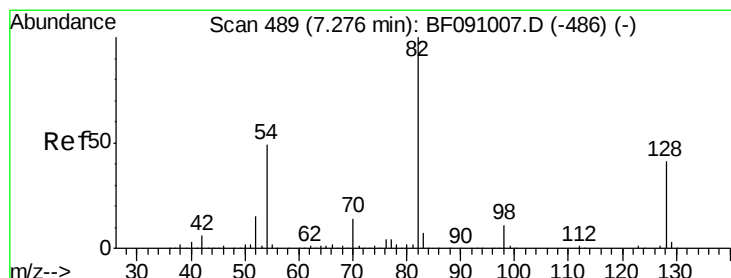
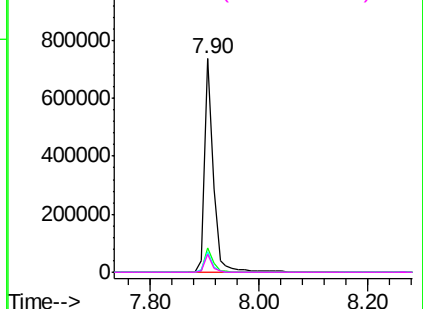
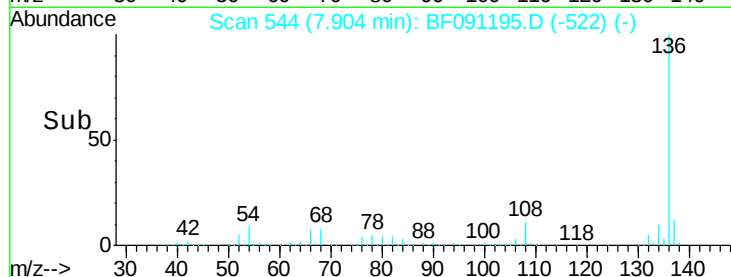
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.05 min
Lab File: BF091195.D
Acq: 16 Nov 2016 18:32

Instrument :
BNA_F
ClientSampleId :
CPS043044

Tgt Ion:	136	Resp:	819153
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	9.4	6.2	9.2#
68	8.1	5.5	8.3

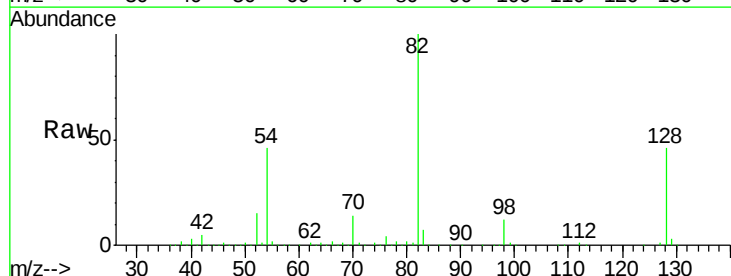


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

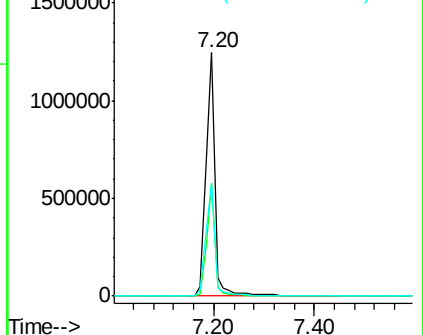
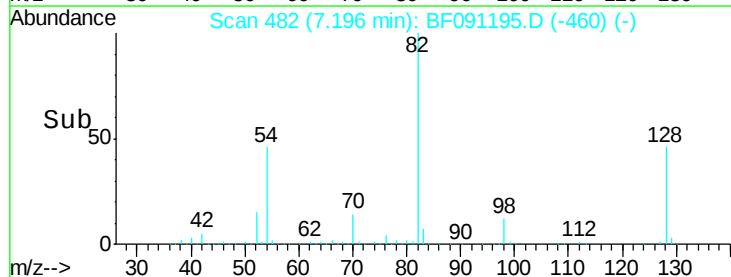


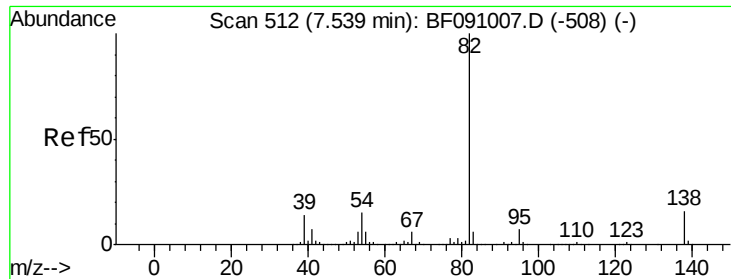
#23
Nitrobenzene-d5
Concen: 104.24 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF091195.D
Acq: 16 Nov 2016 18:32

Tgt Ion:	82	Resp:	1565382
Ion	Ratio	Lower	Upper
82	100		
128	46.2	32.4	48.6
54	46.3	39.2	58.8



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: 52.80 ng

RT: 7.20 min Scan# 482

Delta R.T. -0.30 min

Lab File: BF091195.D

Acq: 16 Nov 2016 18:32

Instrument :

BNA_F

ClientSampleId :

CPS043044

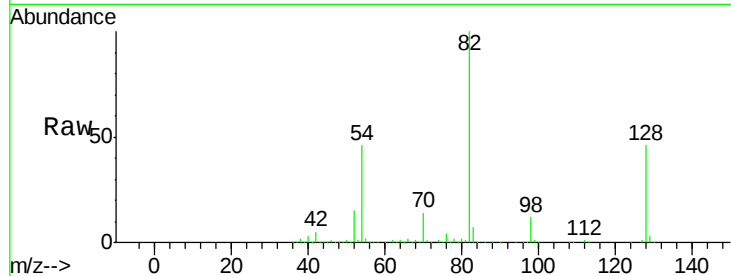
Tgt Ion: 82 Resp: 1527657

Ion Ratio Lower Upper

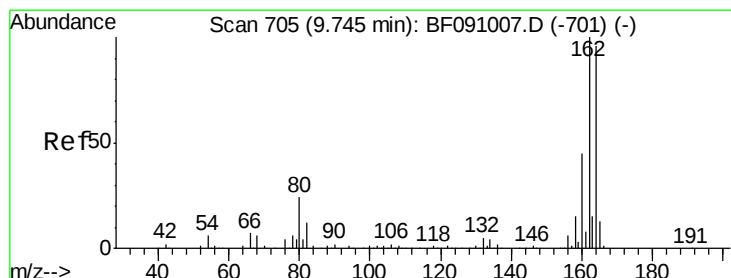
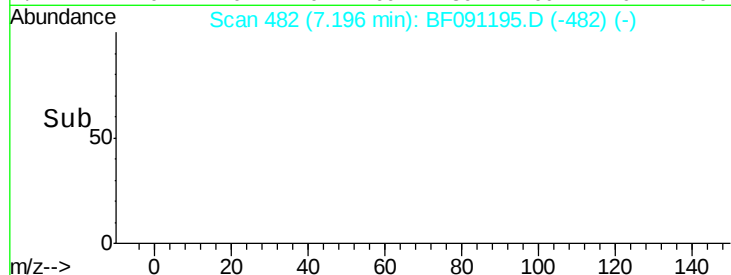
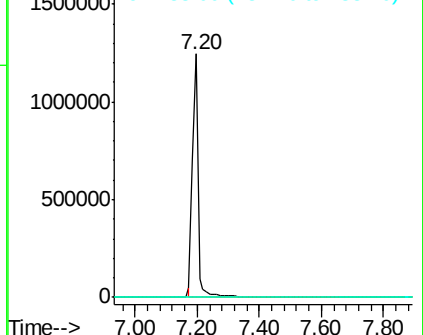
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.65 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF091195.D

Acq: 16 Nov 2016 18:32

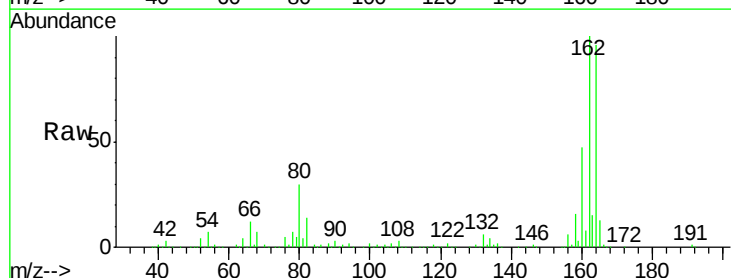
Tgt Ion: 164 Resp: 442366

Ion Ratio Lower Upper

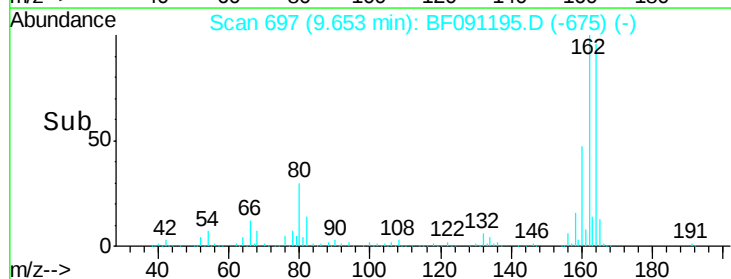
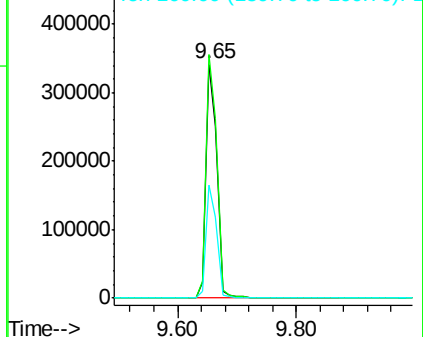
164 100

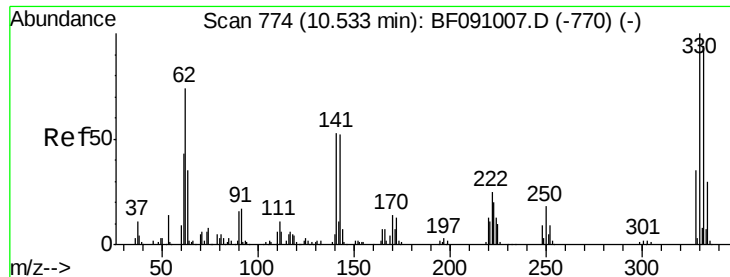
162 104.1 83.6 125.4

160 48.6 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

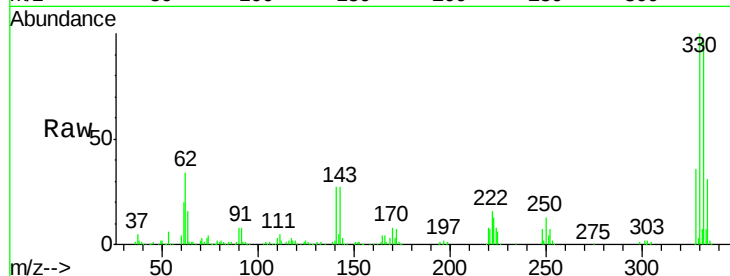




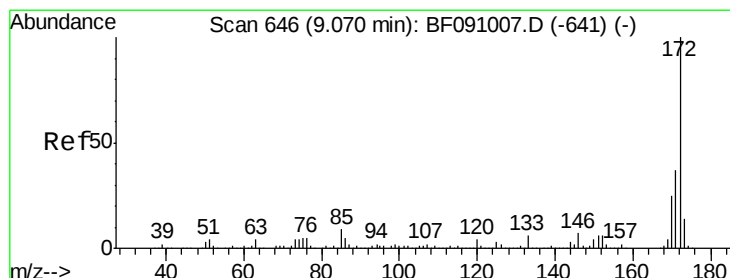
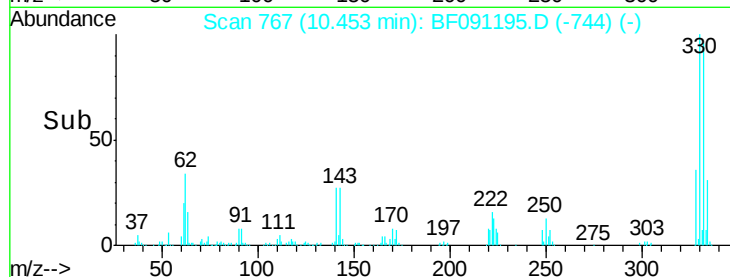
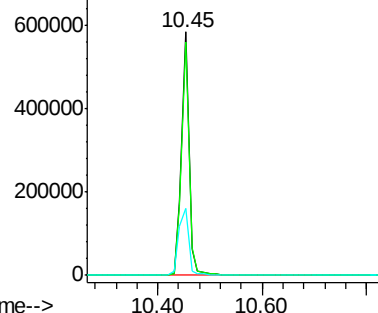
#41
 2,4,6-Tribromophenol
 Concen: 147.96 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF091195.D
 Acq: 16 Nov 2016 18:32

Instrument :
 BNA_F
 ClientSampleId :
 CPS043044

Tgt Ion: 330 Resp: 591742
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.9 113.9
 141 36.3 36.1 54.1

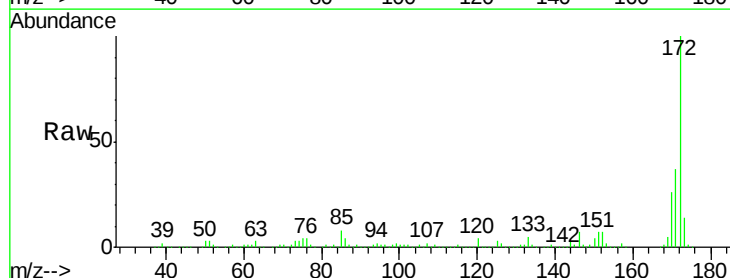


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

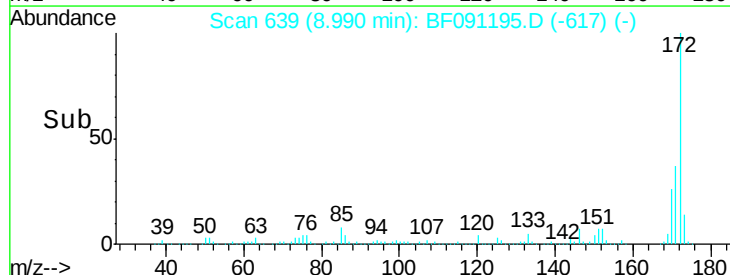
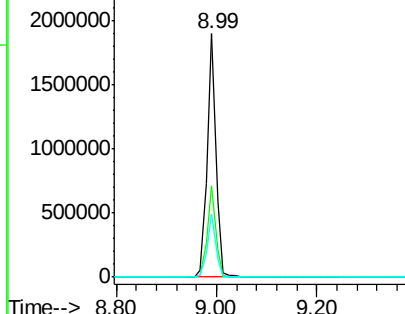


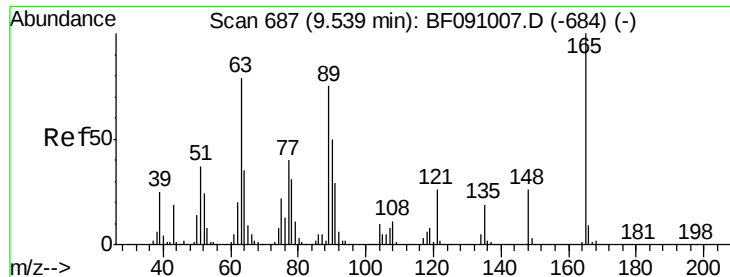
#44
 2-Fluorobiphenyl
 Concen: 90.71 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091195.D
 Acq: 16 Nov 2016 18:32

Tgt Ion: 172 Resp: 2330683
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.8 44.6
 170 25.8 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: 9.27 ng

RT: 9.65 min Scan# 697

Delta R.T. 0.15 min

Lab File: BF091195.D

Acq: 16 Nov 2016 18:32

Instrument :

BNA_F

ClientSampleId :

CPS043044

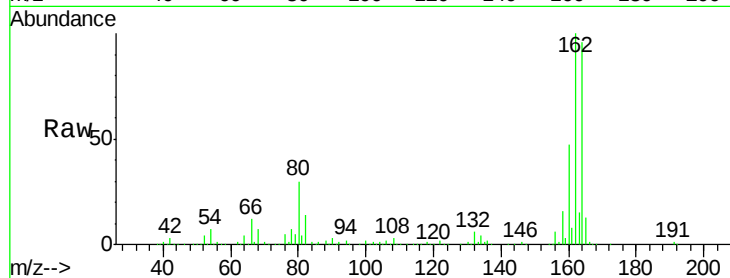
Tgt Ion:165 Resp: 57648

Ion Ratio Lower Upper

165 100

63 1.3 65.6 98.4#

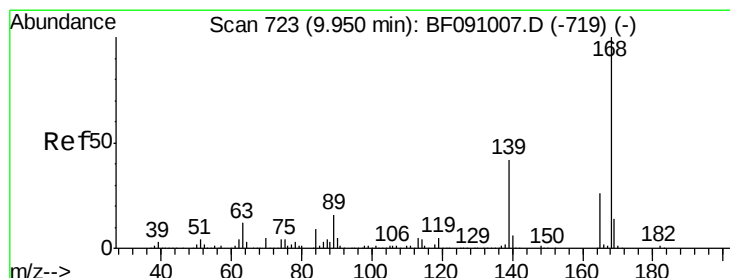
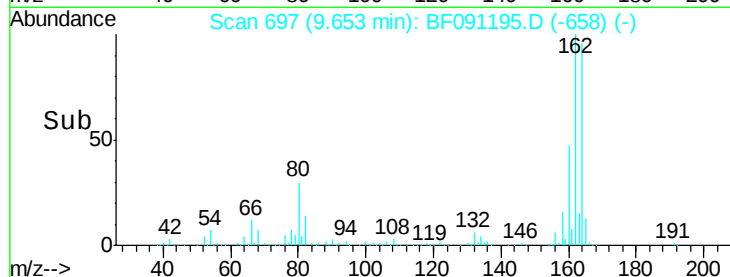
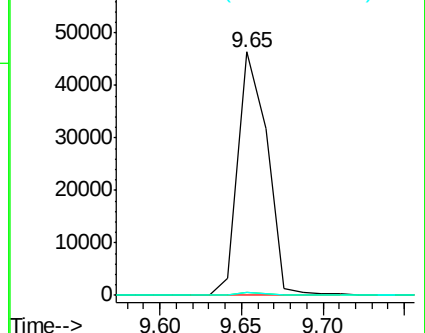
89 1.5 59.8 89.6#



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: 7.29 ng

RT: 9.65 min Scan# 697

Delta R.T. -0.25 min

Lab File: BF091195.D

Acq: 16 Nov 2016 18:32

Tgt Ion:165 Resp: 57641

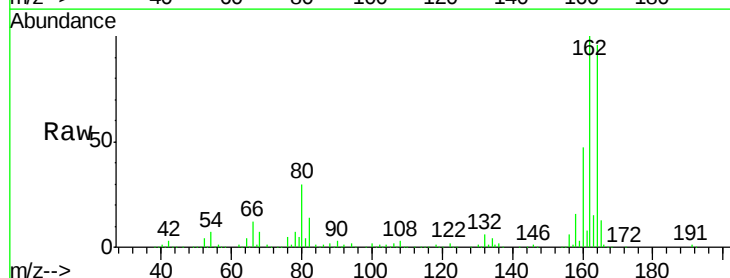
Ion Ratio Lower Upper

165 100

63 1.3 38.7 58.1#

89 1.5 50.6 76.0#

182 0.0 1.8 2.8#

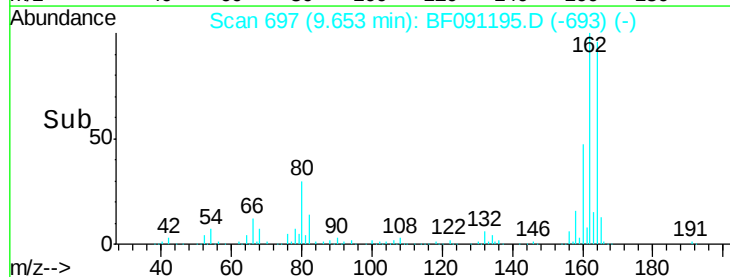
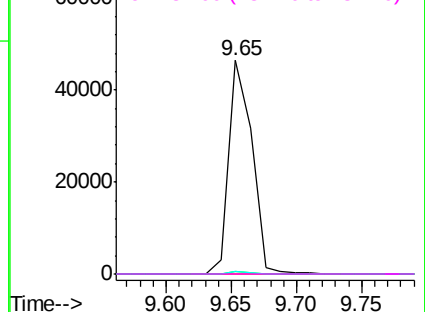


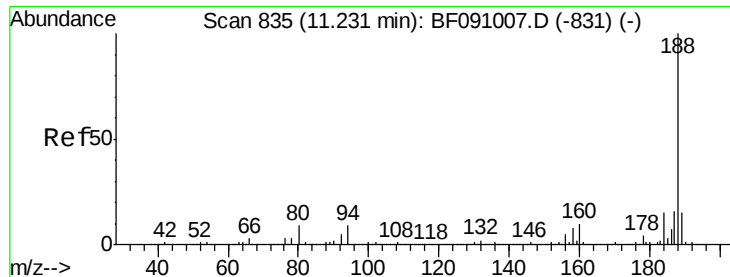
Abundance Ion 165.00 (164.70 to 165.70): E

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

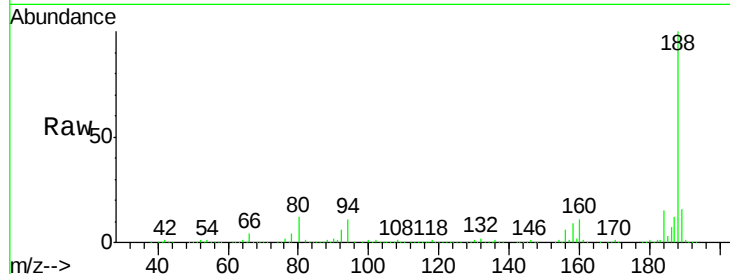




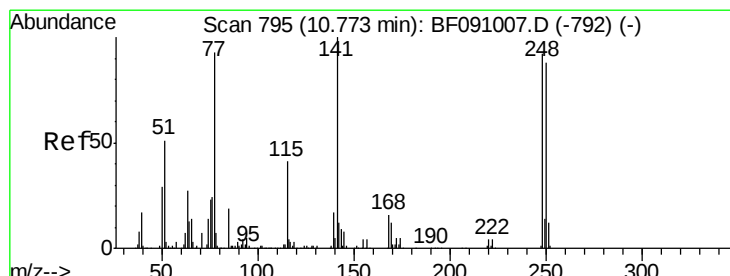
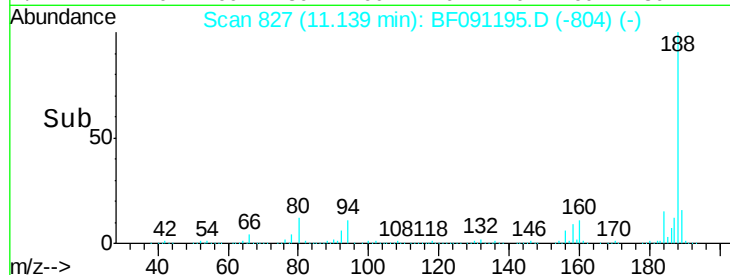
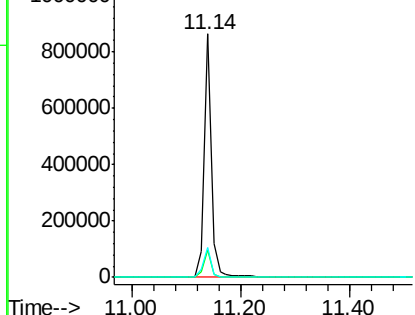
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF091195.D
Acq: 16 Nov 2016 18:32

Instrument :
BNA_F
ClientSampleId :
CPS043044

Tgt Ion:188 Resp: 785347
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.4#
80 12.2 7.5 11.3#

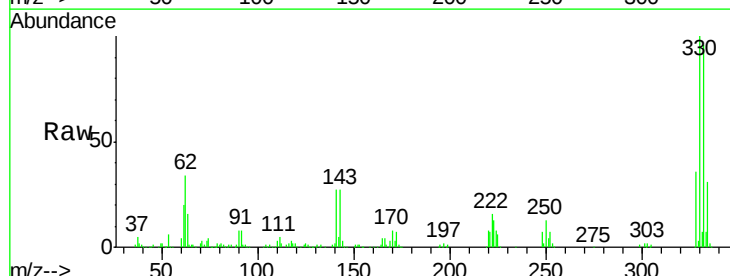


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

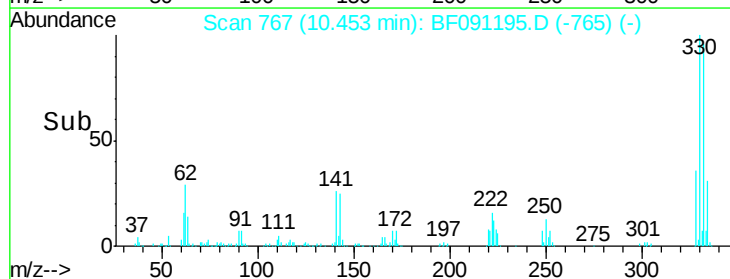
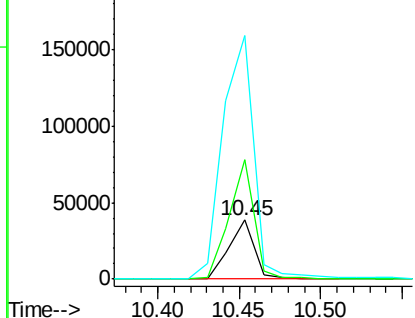


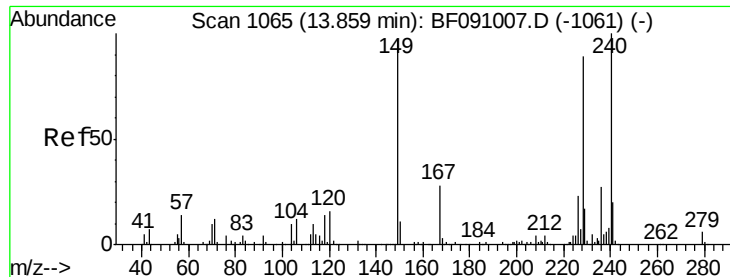
#66
4-Bromophenyl-phenylether
Concen: 5.00 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.27 min
Lab File: BF091195.D
Acq: 16 Nov 2016 18:32

Tgt Ion:248 Resp: 40834
Ion Ratio Lower Upper
248 100
250 202.3 76.3 114.5#
141 413.1 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: BF091195.D

Acq: 16 Nov 2016 18:32

Instrument :

BNA_F

ClientSampleId :

CPS043044

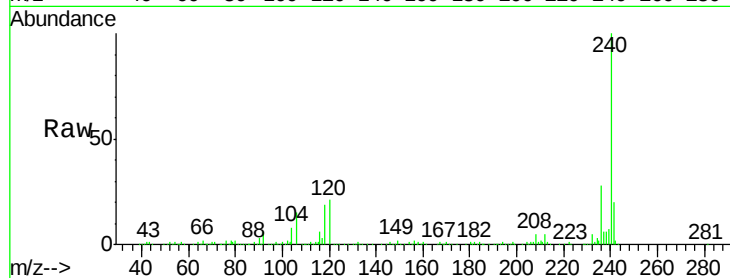
Tgt Ion:240 Resp: 594317

Ion Ratio Lower Upper

240 100

120 21.1 12.9 19.3#

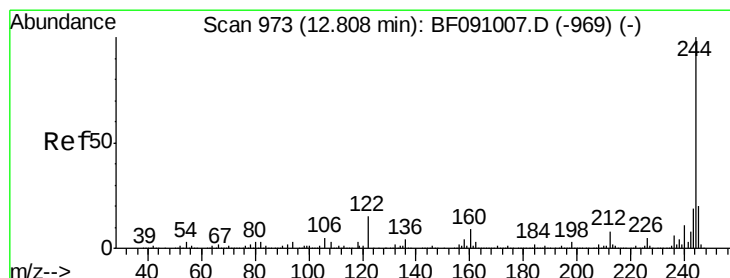
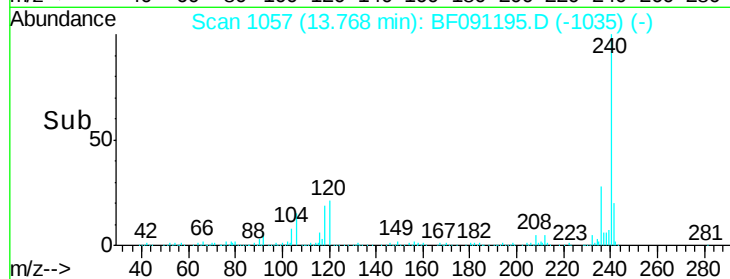
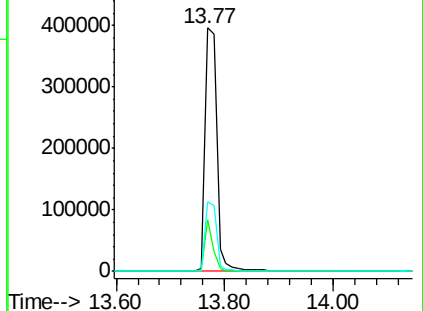
236 28.4 21.9 32.9



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: 108.99 ng

RT: 12.74 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF091195.D

Acq: 16 Nov 2016 18:32

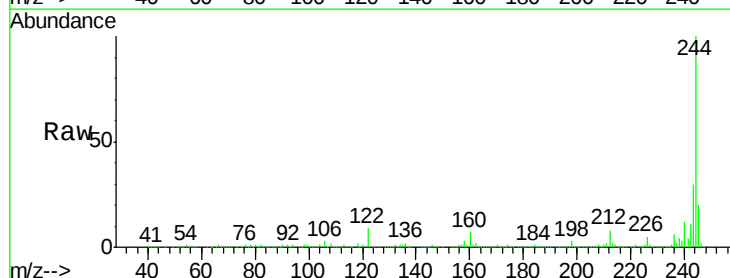
Tgt Ion:244 Resp: 2595715

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

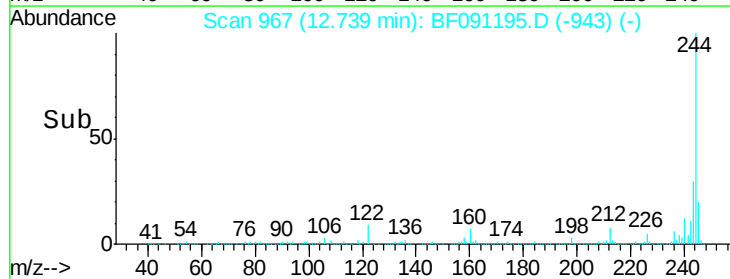
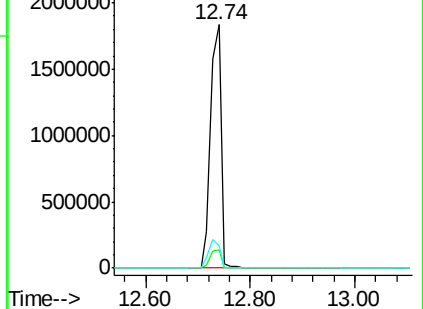
122 8.9 12.3 18.5#

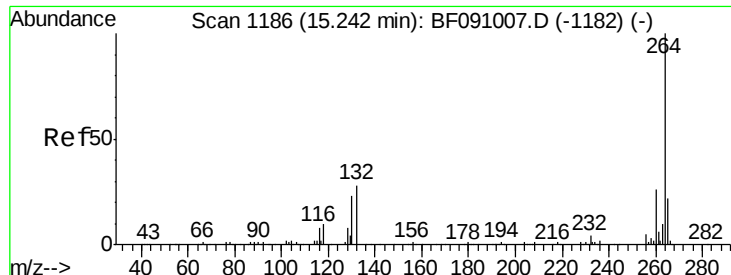


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

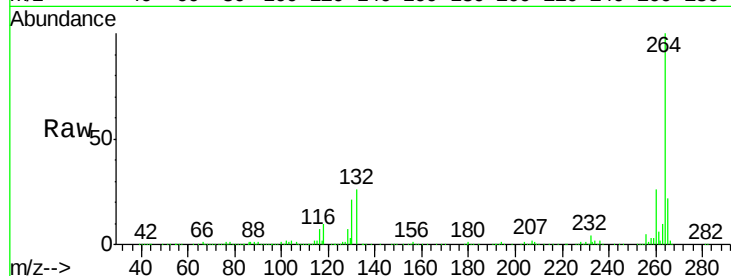




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BF091195.D
Acq: 16 Nov 2016 18:32

Instrument :
BNA_F
ClientSampleId :
CPS043044

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.6	30.8
265	21.7	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

