

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091095.D
 Acq On : 8 Nov 2016 21:17
 Operator : UM/SJ
 Sample : PB94606BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94606BL

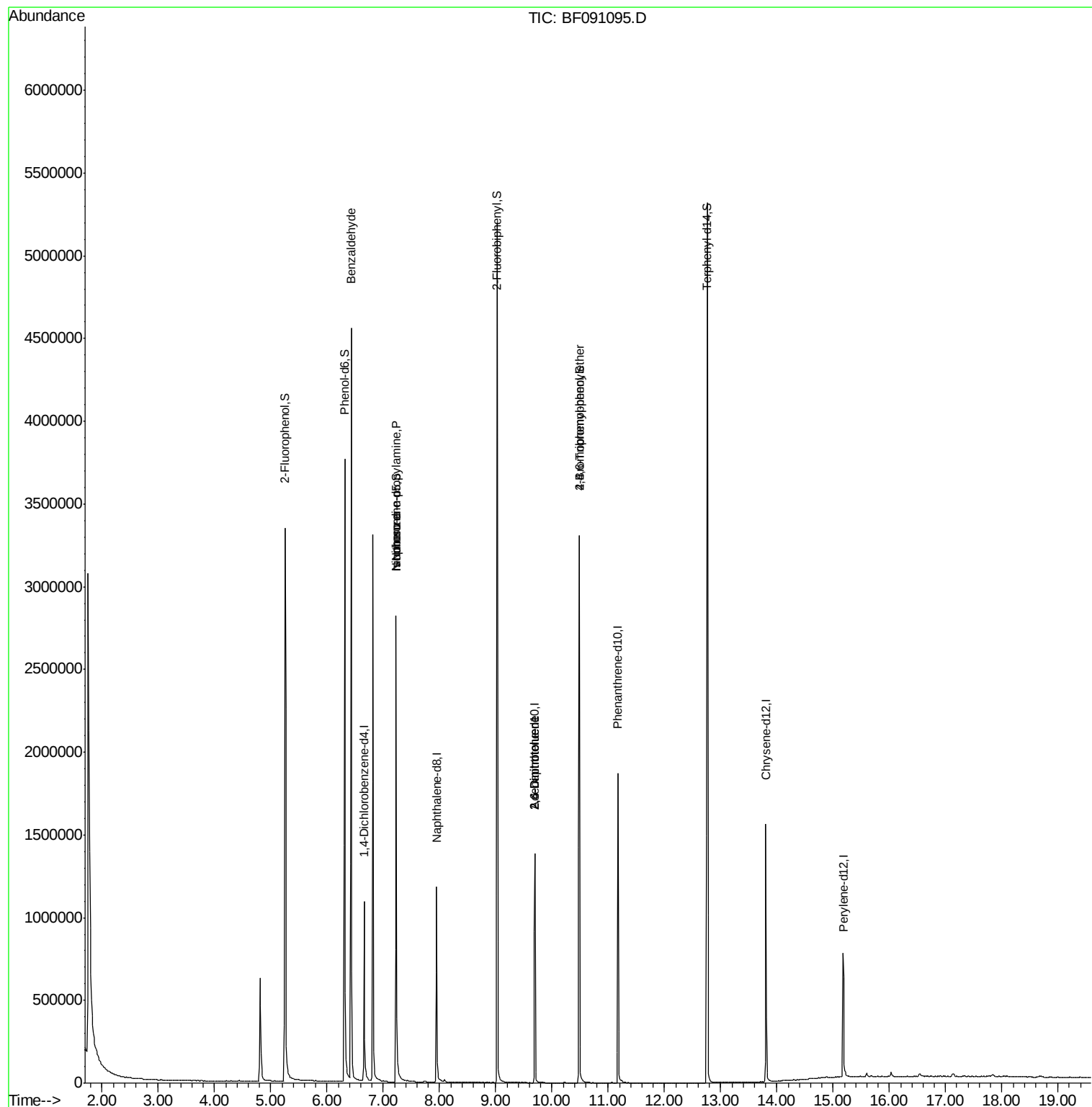
Quant Time: Nov 09 00:45:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

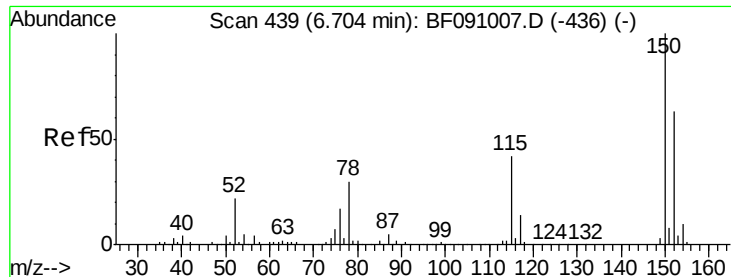
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	178352	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	720370	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	384682	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	657357	20.00	ng	0.00
75) Chrysene-d12	13.80	240	516547	20.00	ng	-0.01
86) Perylene-d12	15.19	264	368198	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1303131	120.67	ng	0.01
7) Phenol-d6	6.32	99	1552741	105.93	ng	0.00
23) Nitrobenzene-d5	7.23	82	1105605	83.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	440228	126.58	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1669016	74.70	ng	-0.01
78) Terphenyl-d14	12.76	244	1798094	86.87	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	31702	3.90	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.23	70	154196	15.18	ng	# 79
25) Isophorone	7.23	82	901901	35.44	ng	# 67
50) 2,6-Dinitrotoluene	9.70	165	48231	8.92	ng	# 11
56) 2,4-Dinitrotoluene	9.70	165	48232	7.01	ng	# 26
66) 4-Bromophenyl-phenylether	10.49	248	30817	4.51	ng	# 1

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

Instrument :
BNA_F
ClientSampleId :
PB94606BL

Quant Time: Nov 09 00:45:11 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



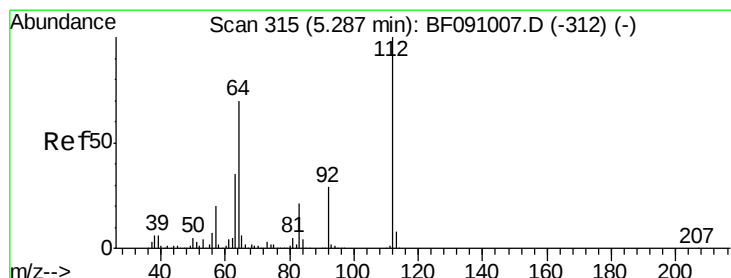
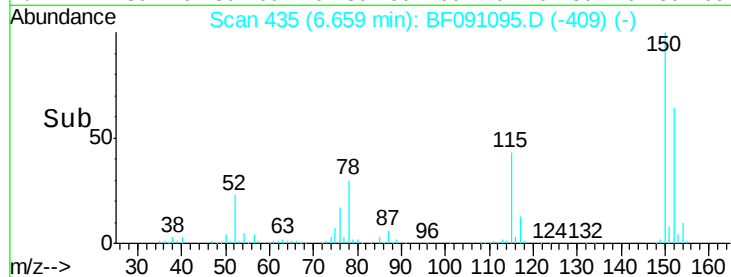
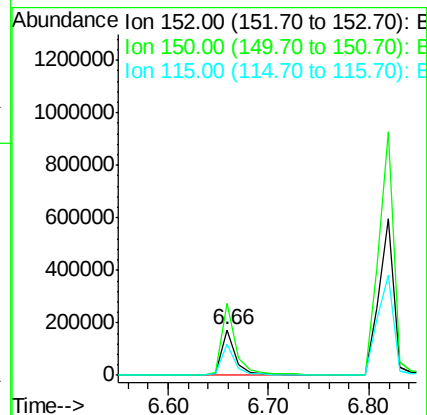
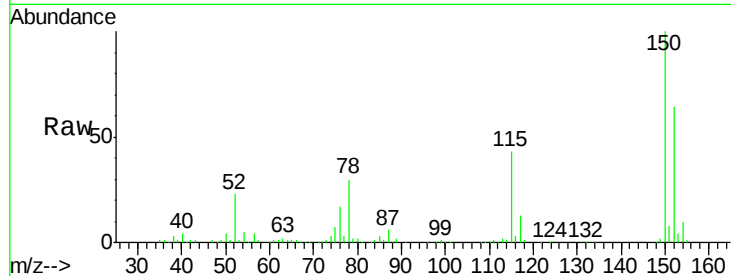


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091095.D
Acq: 8 Nov 2016 21:17

Instrument :
BNA_F
ClientSampleId :
PB94606BL

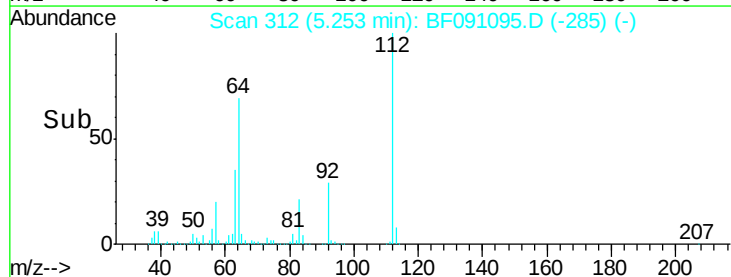
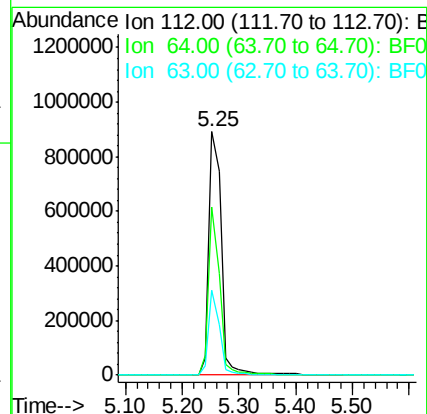
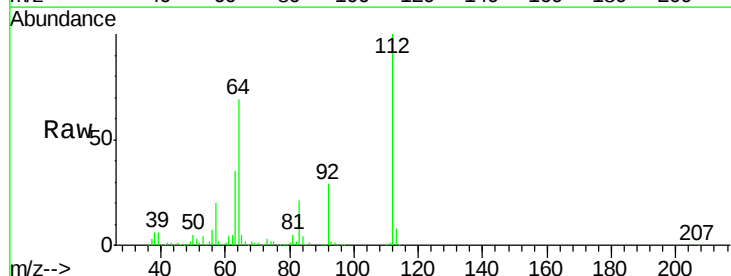
Tgt Ion:152 Resp: 178352
Ion Ratio Lower Upper
152 100
150 156.7 126.8 190.2
115 67.1 53.3 79.9



#5

2-Fluorophenol
Concen: 120.67 ng
RT: 5.25 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF091095.D
Acq: 8 Nov 2016 21:17

Tgt Ion:112 Resp: 1303131
Ion Ratio Lower Upper
112 100
64 69.0 55.8 83.6
63 34.8 28.0 42.0





#7

Phenol-d6

Concen: 105.93 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091095.D

Acq: 8 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

PB94606BL

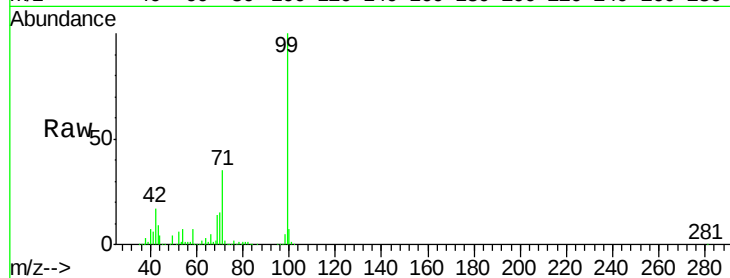
Tgt Ion: 99 Resp: 1552741

Ion Ratio Lower Upper

99 100

42 17.4 13.9 20.9

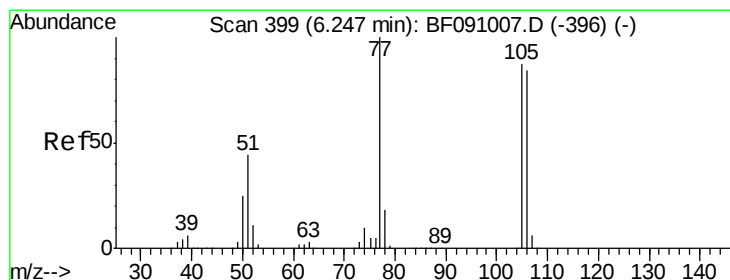
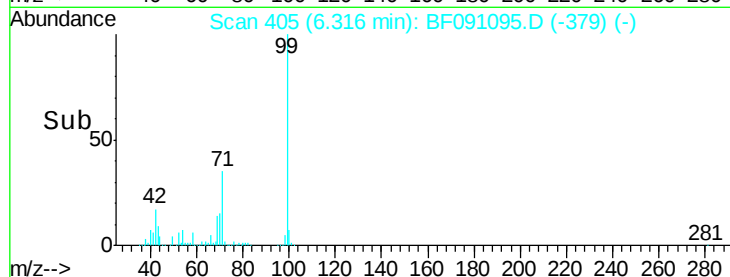
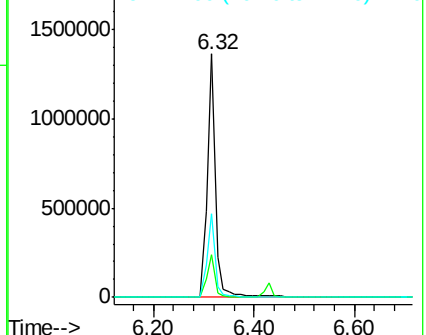
71 34.5 27.8 41.8



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: 3.90 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091095.D

Acq: 8 Nov 2016 21:17

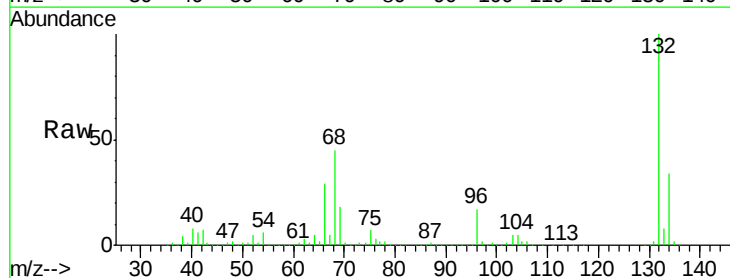
Tgt Ion: 77 Resp: 31702

Ion Ratio Lower Upper

77 100

105 76.6 66.8 106.8

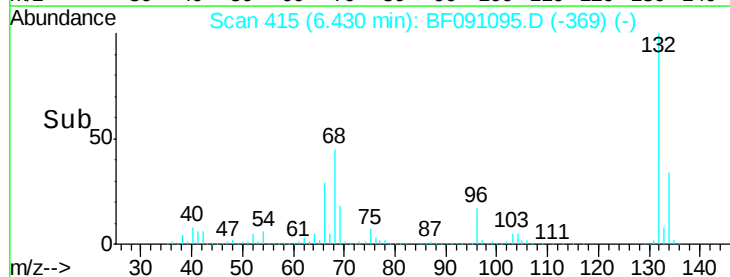
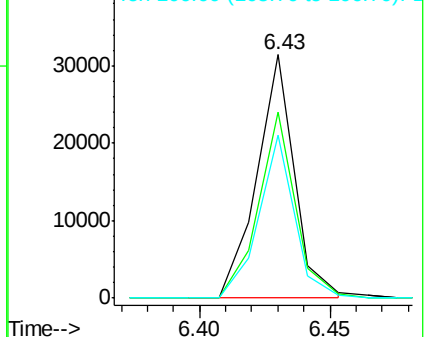
106 67.2 64.0 104.0

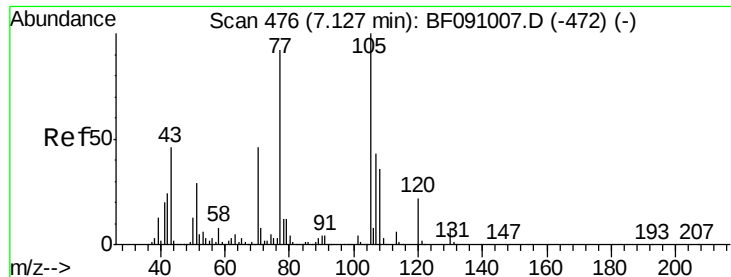


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

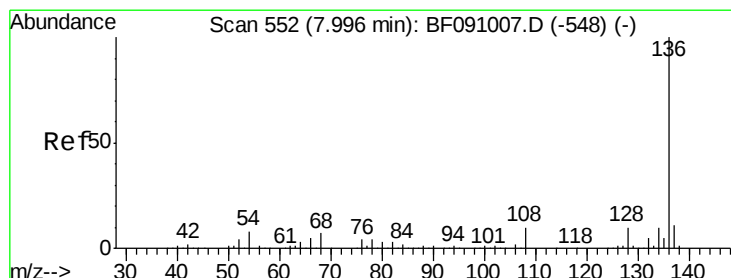
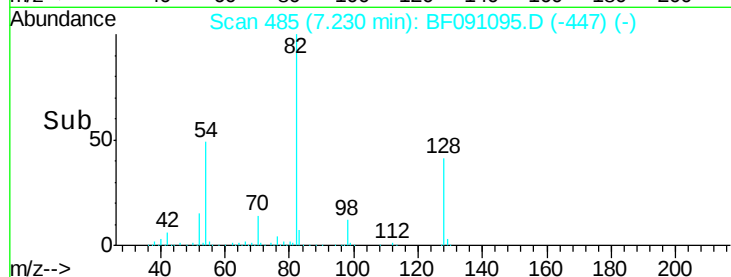
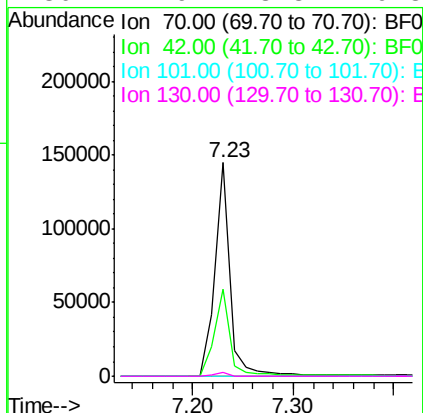
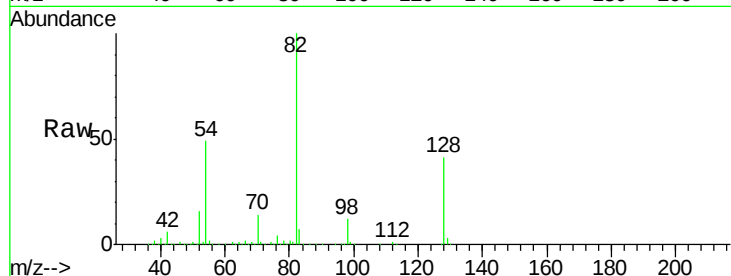




#19
 n-Nitroso-di-n-propylamine
 Concen: 15.18 ng
 RT: 7.23 min Scan# 485
 Delta R.T. 0.14 min
 Lab File: BF091095.D
 Acq: 8 Nov 2016 21:17

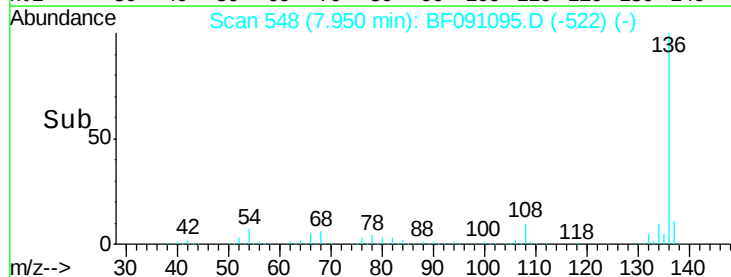
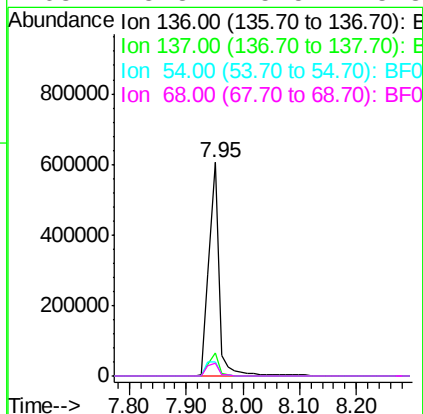
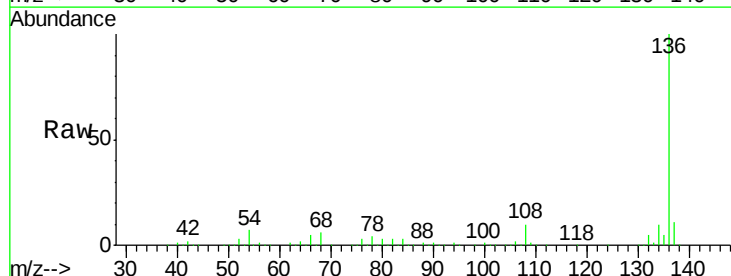
Instrument :
 BNA_F
 ClientSampleId :
 PB94606BL

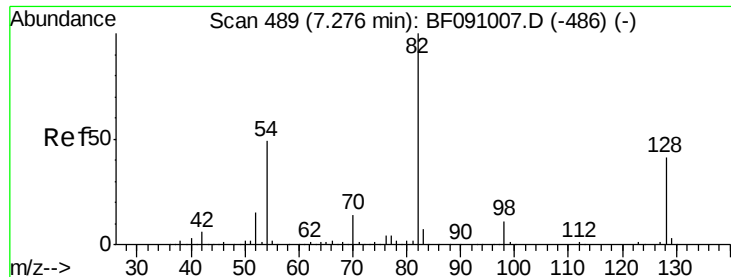
Tgt Ion: 70 Resp: 154196
 Ion Ratio Lower Upper
 70 100
 42 40.5 41.7 62.5#
 101 0.0 6.7 10.1#
 130 1.9 13.8 20.8#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.95 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF091095.D
 Acq: 8 Nov 2016 21:17

Tgt Ion: 136 Resp: 720370
 Ion Ratio Lower Upper
 136 100
 137 10.9 8.9 13.3
 54 6.7 6.2 9.2
 68 5.8 5.5 8.3

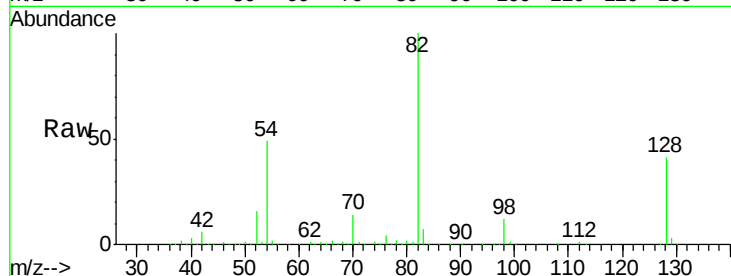




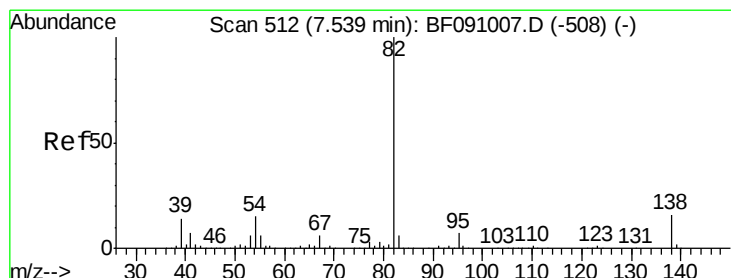
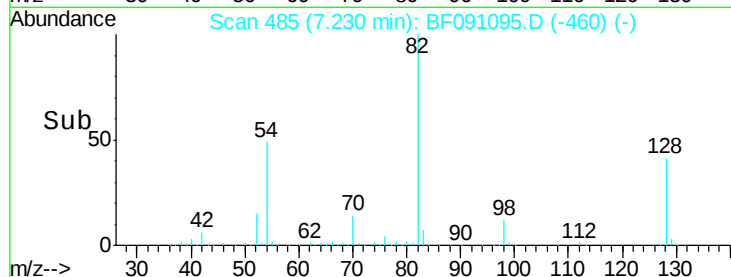
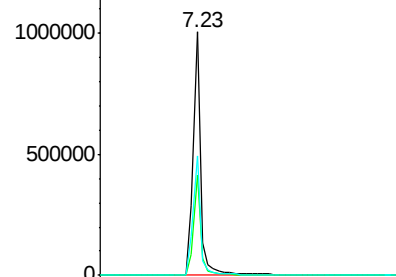
#23
Nitrobenzene-d5
Concen: 83.72 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091095.D
Acq: 8 Nov 2016 21:17

Instrument :
BNA_F
ClientSampleId :
PB94606BL

Tgt Ion: 82 Resp: 1105605
Ion Ratio Lower Upper
82 100
128 41.3 32.4 48.6
54 48.9 39.2 58.8

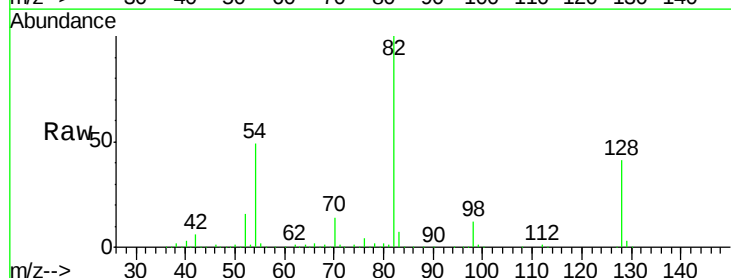


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

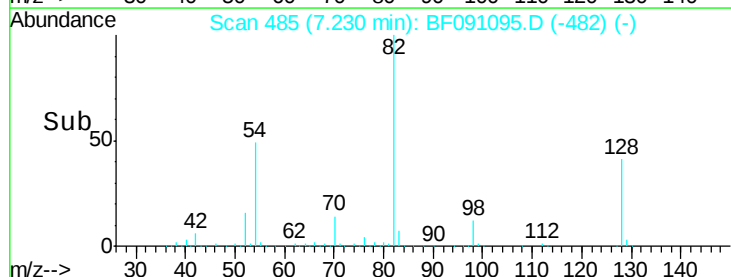
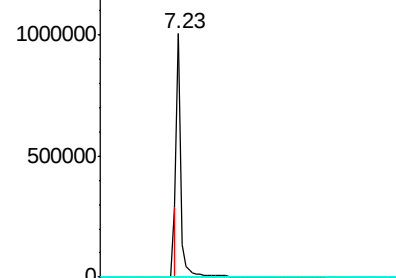


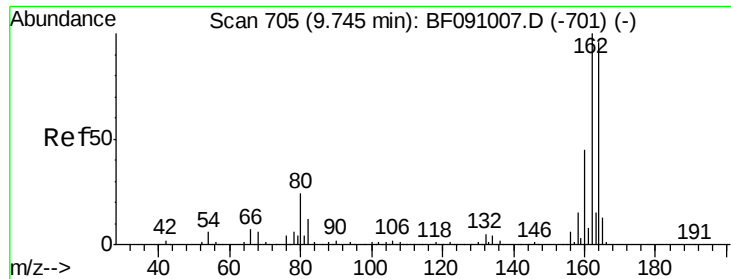
#25
Isophorone
Concen: 35.44 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.26 min
Lab File: BF091095.D
Acq: 8 Nov 2016 21:17

Tgt Ion: 82 Resp: 901901
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

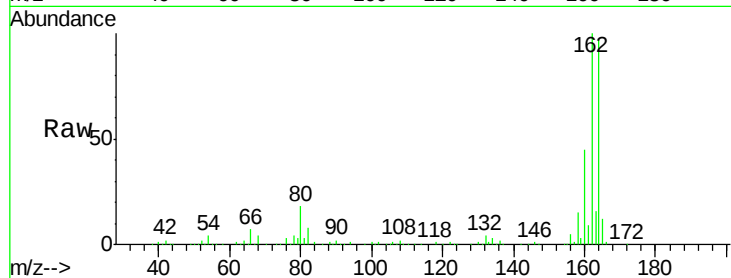




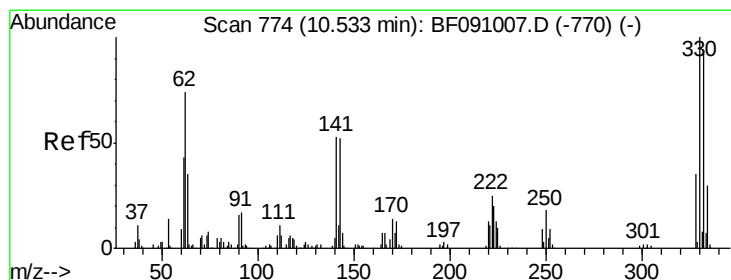
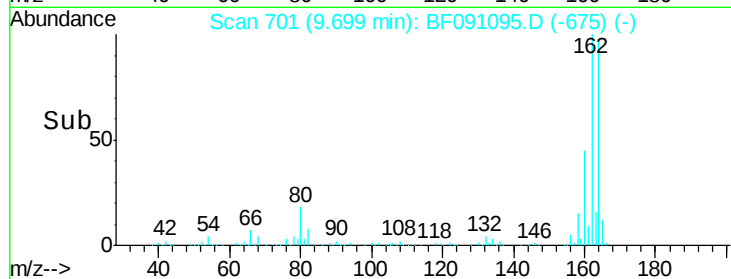
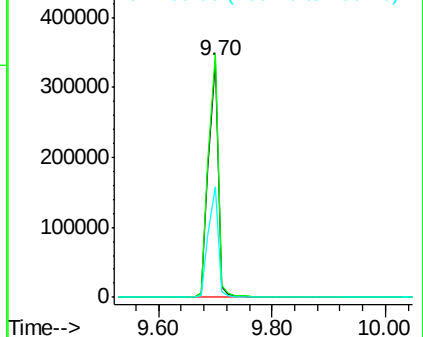
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091095.D
Acq: 8 Nov 2016 21:17

Instrument :
BNA_F
ClientSampleId :
PB94606BL

Tgt Ion:164 Resp: 384682
Ion Ratio Lower Upper
164 100
162 103.2 83.6 125.4
160 46.7 37.9 56.9

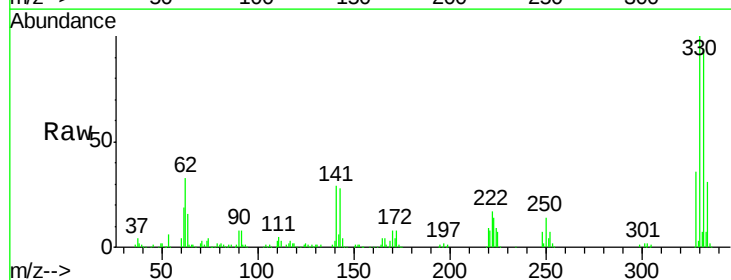


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

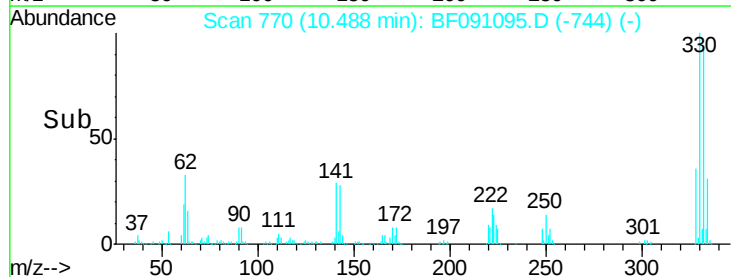
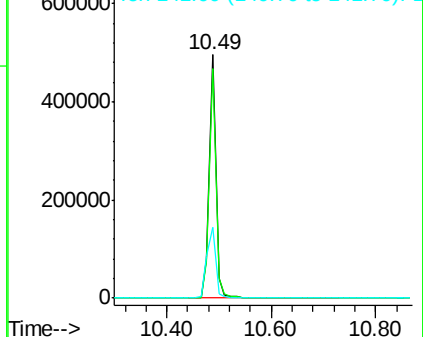


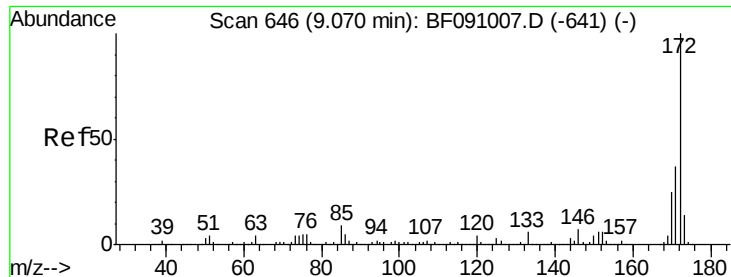
#41
2,4,6-Tribromophenol
Concen: 126.58 ng
RT: 10.49 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091095.D
Acq: 8 Nov 2016 21:17

Tgt Ion:330 Resp: 440228
Ion Ratio Lower Upper
330 100
332 94.8 75.9 113.9
141 39.0 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

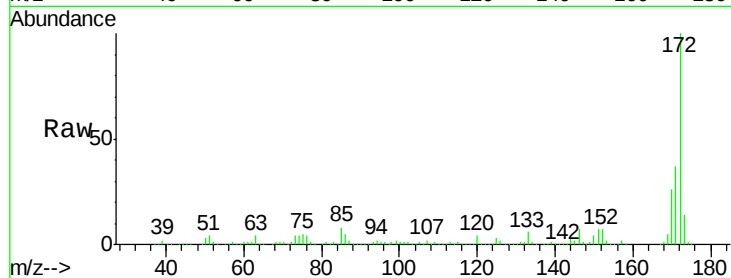




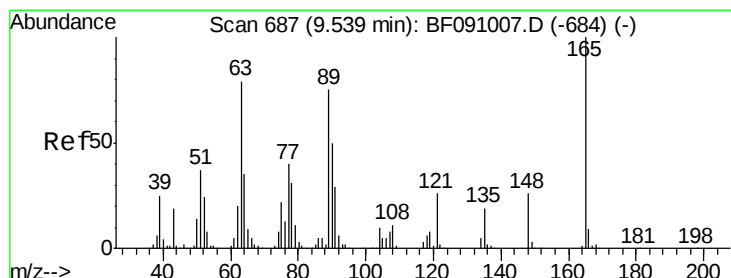
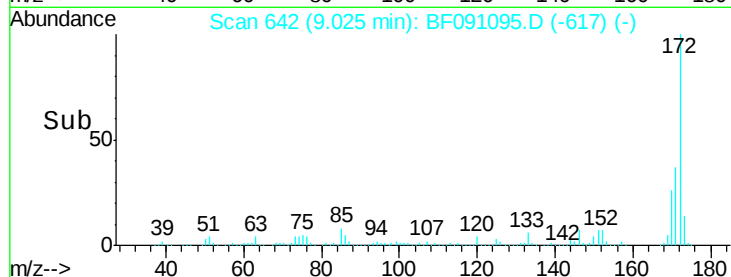
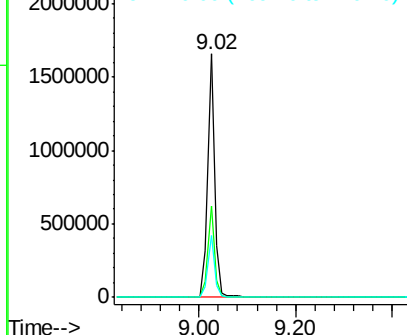
#44
 2-Fluorobiphenyl
 Concen: 74.70 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091095.D
 Acq: 8 Nov 2016 21:17

Instrument :
 BNA_F
 ClientSampleId :
 PB94606BL

Tgt Ion:172 Resp: 1669016
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 25.6 20.3 30.5

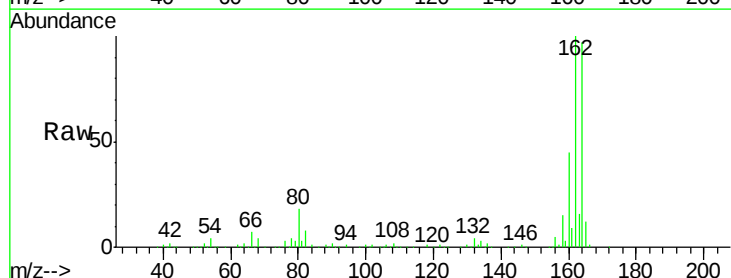


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

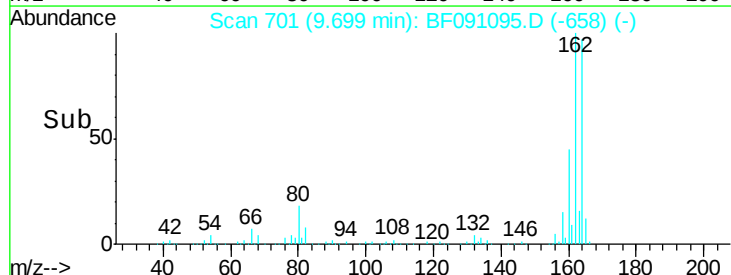
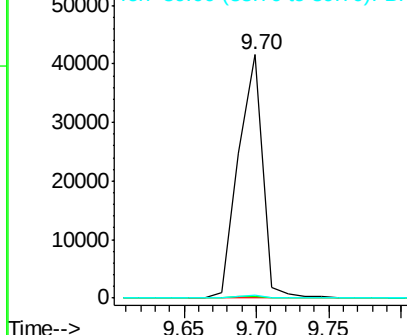


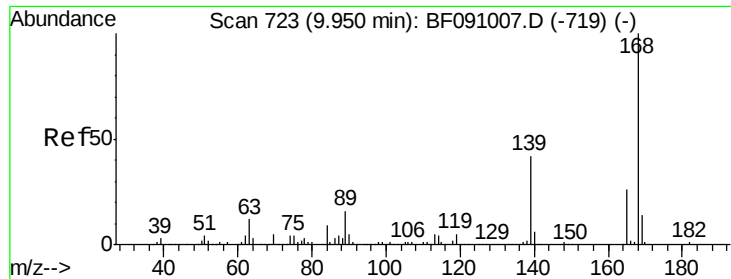
#50
 2,6-Dinitrotoluene
 Concen: 8.92 ng
 RT: 9.70 min Scan# 701
 Delta R.T. 0.19 min
 Lab File: BF091095.D
 Acq: 8 Nov 2016 21:17

Tgt Ion:165 Resp: 48231
 Ion Ratio Lower Upper
 165 100
 63 0.9 65.6 98.4#
 89 1.0 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

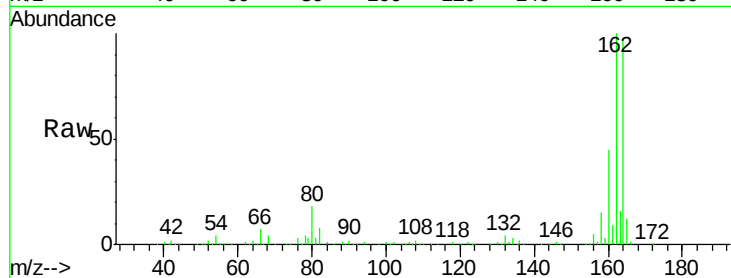




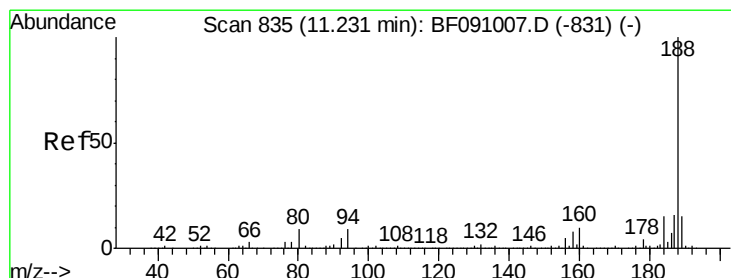
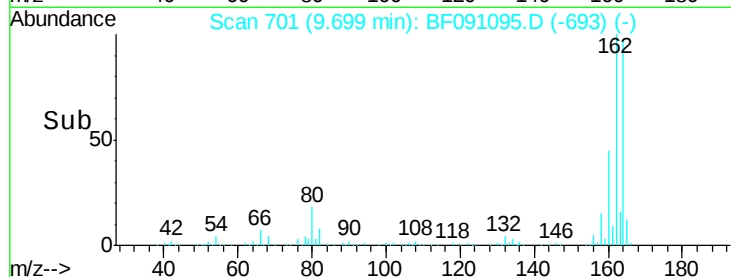
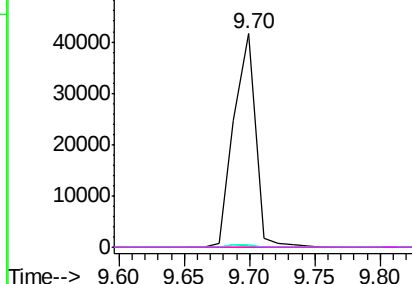
#56
2,4-Dinitrotoluene
Concen: 7.01 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.21 min
Lab File: BF091095.D
Acq: 8 Nov 2016 21:17

Instrument :
BNA_F
ClientSampleId :
PB94606BL

Tgt Ion:165 Resp: 48232
Ion Ratio Lower Upper
165 100
63 0.9 38.7 58.1#
89 1.0 50.6 76.0#
182 0.0 1.8 2.8#

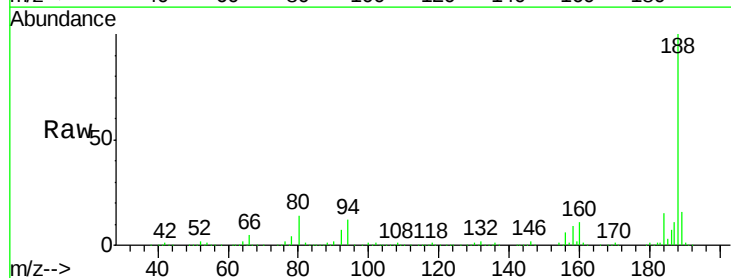


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

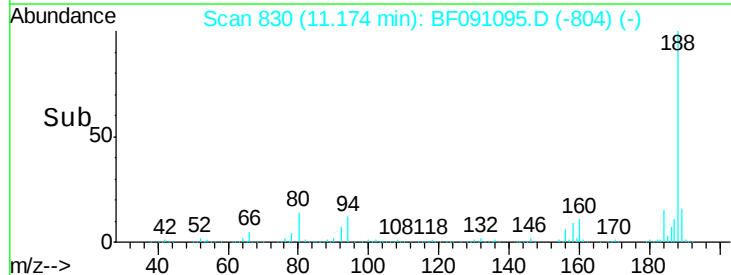
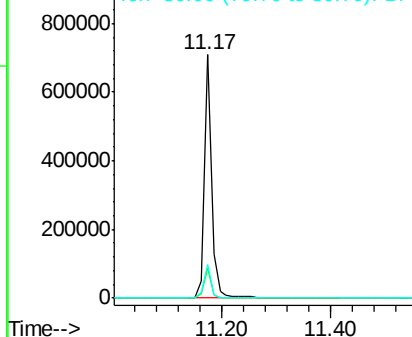


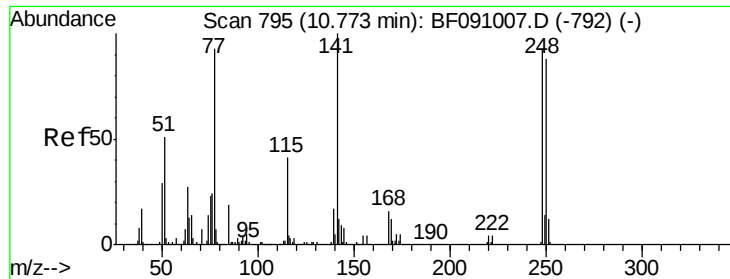
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091095.D
Acq: 8 Nov 2016 21:17

Tgt Ion:188 Resp: 657357
Ion Ratio Lower Upper
188 100
94 12.4 7.0 10.4#
80 13.7 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

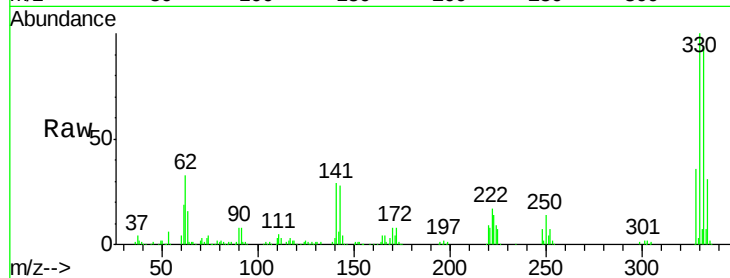




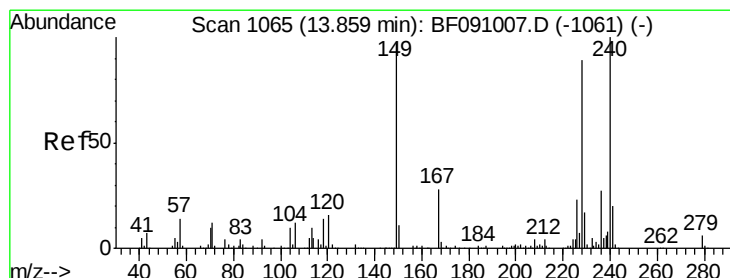
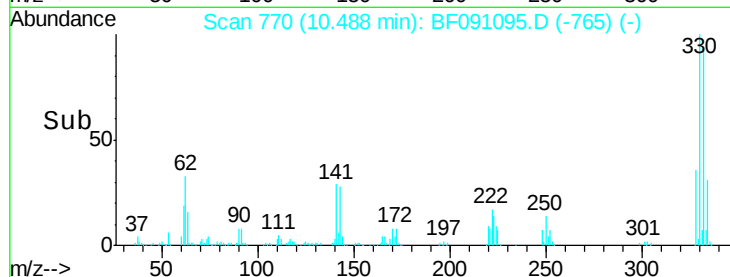
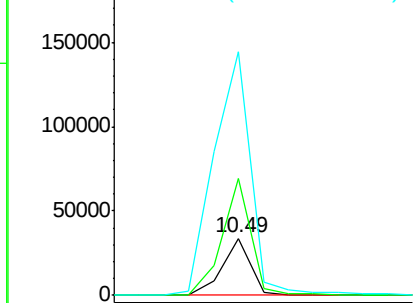
#66
 4-Bromophenyl-phenylether
 Concen: 4.51 ng
 RT: 10.49 min Scan# 770
 Delta R.T. -0.24 min
 Lab File: BF091095.D
 Acq: 8 Nov 2016 21:17

Instrument :
 BNA_F
 ClientSampleId :
 PB94606BL

Tgt Ion:248 Resp: 30817
 Ion Ratio Lower Upper
 248 100
 250 204.3 76.3 114.5#
 141 425.7 86.8 130.2#

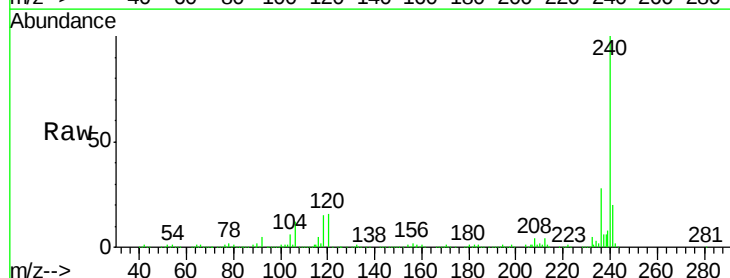


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

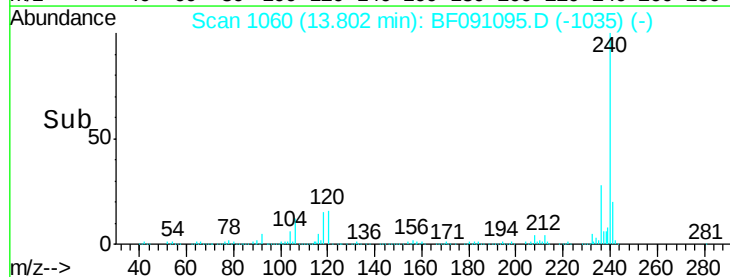
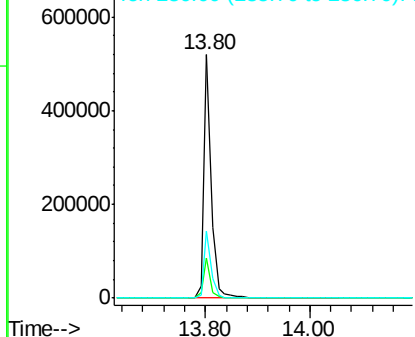


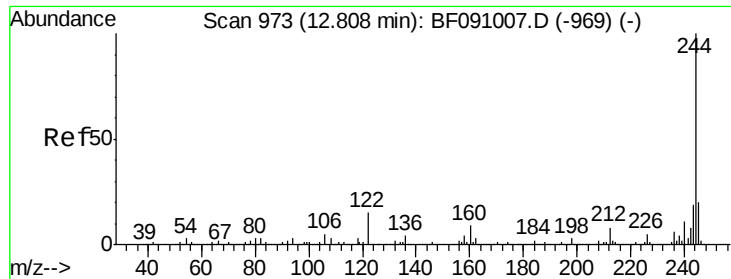
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.80 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BF091095.D
 Acq: 8 Nov 2016 21:17

Tgt Ion:240 Resp: 516547
 Ion Ratio Lower Upper
 240 100
 120 16.5 12.9 19.3
 236 27.6 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

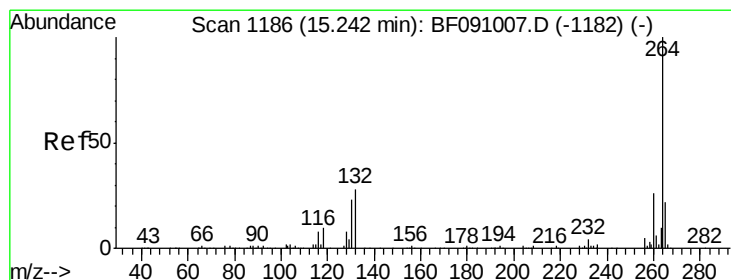
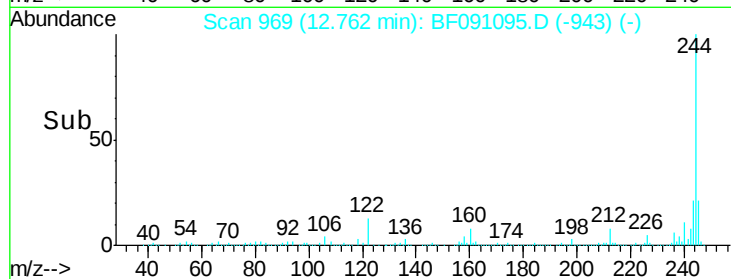
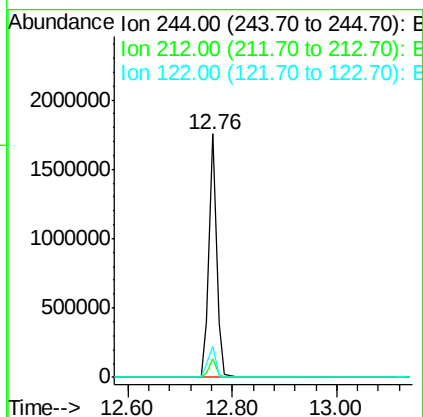
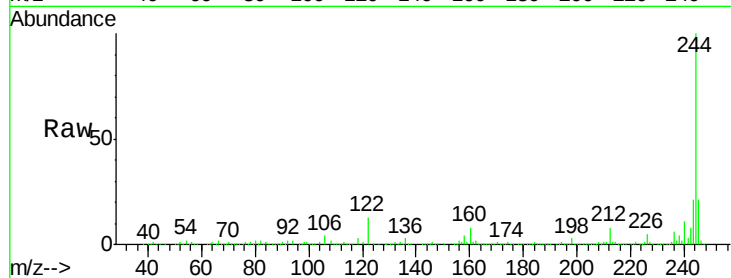




#78
 Terphenyl-d14
 Concen: 86.87 ng
 RT: 12.76 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF091095.D
 Acq: 8 Nov 2016 21:17

Instrument :
 BNA_F
 ClientSampleId :
 PB94606BL

Tgt Ion:244 Resp: 1798094
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 13.0 12.3 18.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF091095.D
 Acq: 8 Nov 2016 21:17

Tgt Ion:264 Resp: 368198
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.6 30.8
 265 21.5 17.8 26.8

