

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091203.D
 Acq On : 16 Nov 2016 22:12
 Operator : UM/SJ
 Sample : PB94754BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94754BL

Quant Time: Nov 16 23:56:37 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

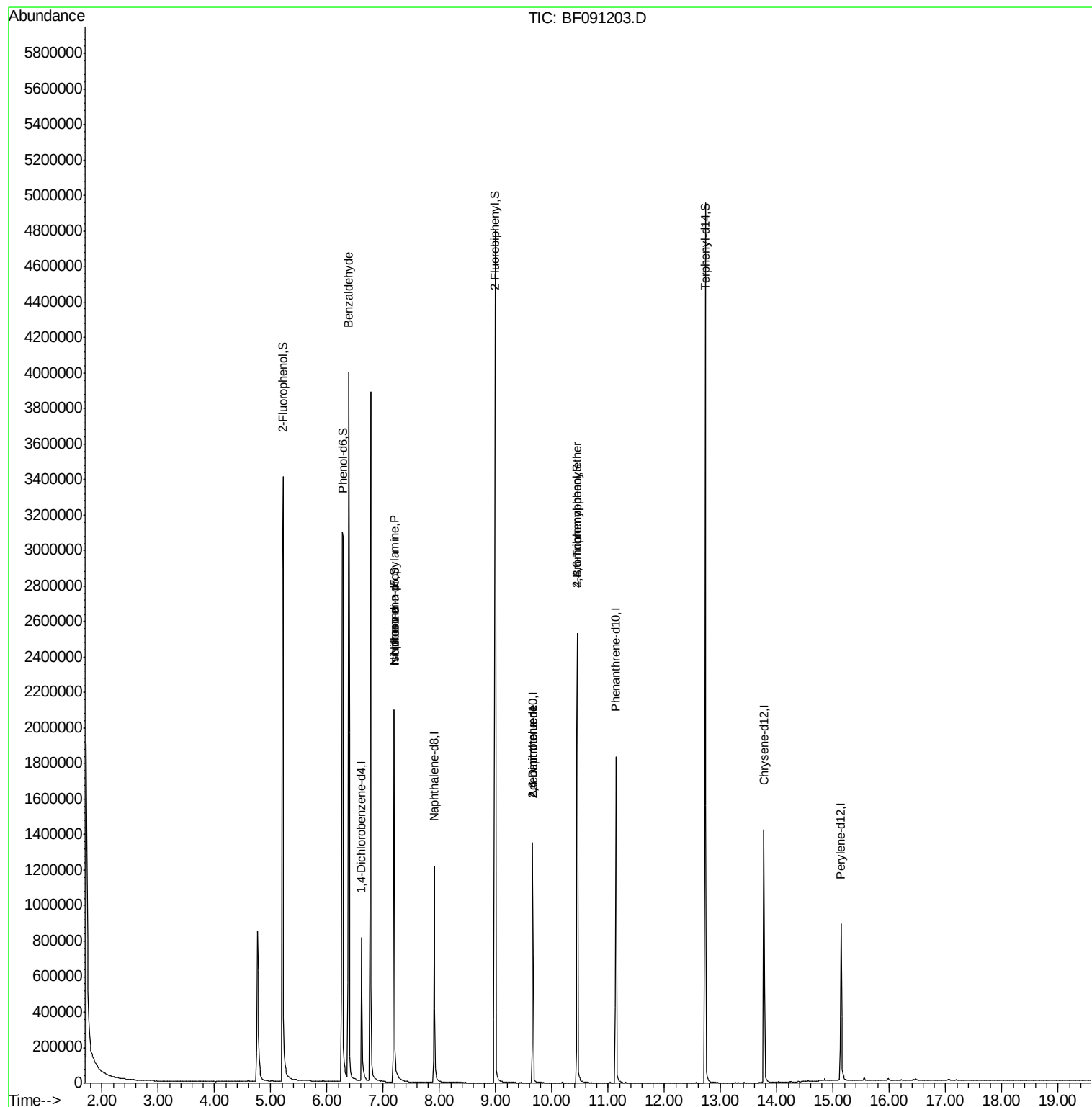
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	179231	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	700914	20.00	ng	-0.05
38) Acenaphthene-d10	9.65	164	387216	20.00	ng	-0.05
63) Phenanthrene-d10	11.14	188	715728	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	547204	20.00	ng	-0.05
86) Perylene-d12	15.14	264	374638	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1477687	136.16	ng	-0.02
7) Phenol-d6	6.28	99	1887154	128.12	ng	-0.03
23) Nitrobenzene-d5	7.20	82	1186661	92.36	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	506267	144.62	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	1868348	83.07	ng	-0.05
78) Terphenyl-d14	12.73	244	1864466	85.03	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.38	77	30148	3.69	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.20	70	158521	15.53	ng	# 72
25) Isophorone	7.20	82	1144784	46.24	ng	# 67
50) 2,6-Dinitrotoluene	9.65	165	48487	8.91	ng	# 11
56) 2,4-Dinitrotoluene	9.65	165	48489	7.00	ng	# 26
66) 4-Bromophenyl-phenylether	10.45	248	32705	4.39	ng	# 1

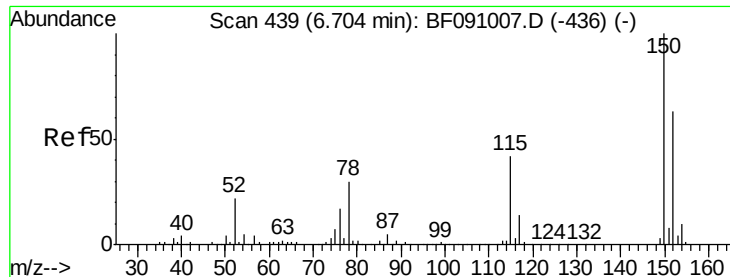
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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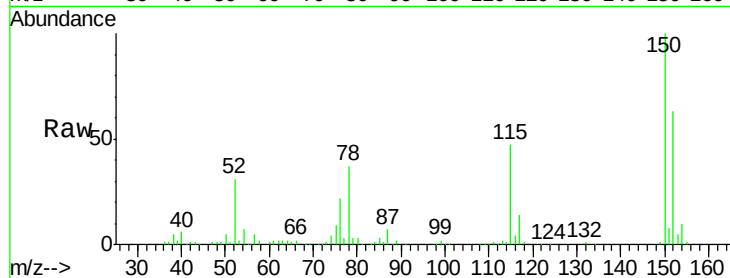




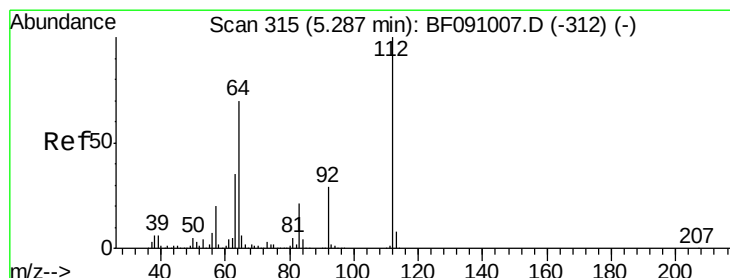
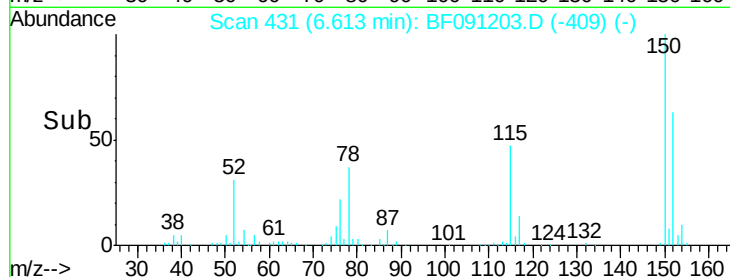
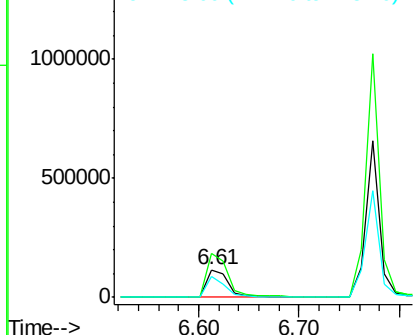
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.61 min Scan# 431
 Delta R.T. -0.05 min
 Lab File: BF091203.D
 Acq: 16 Nov 2016 22:12

Instrument :
 BNA_F
 ClientSampleId :
 PB94754BL

Tgt Ion:152 Resp: 179231
 Ion Ratio Lower Upper
 152 100
 150 158.9 126.8 190.2
 115 75.3 53.3 79.9

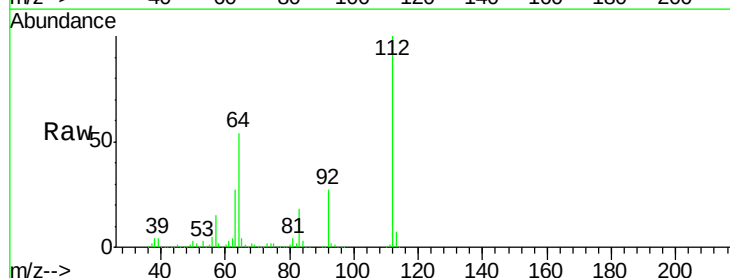


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

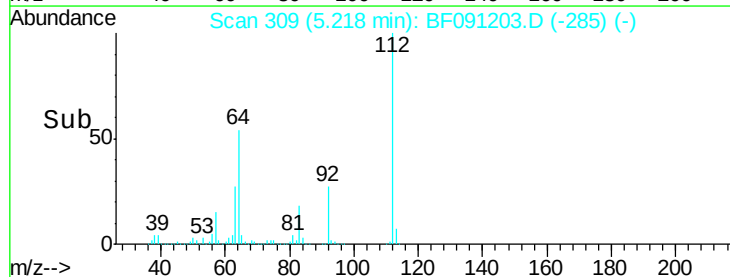
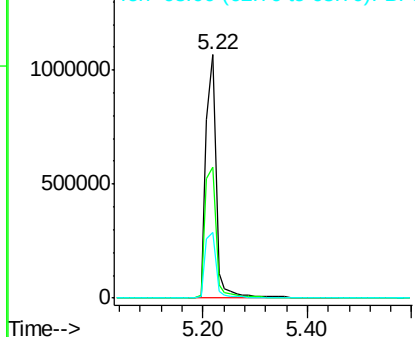


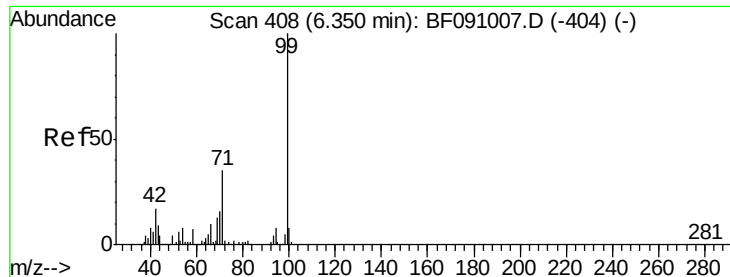
#5
 2-Fluorophenol
 Concen: 136.16 ng
 RT: 5.22 min Scan# 309
 Delta R.T. -0.02 min
 Lab File: BF091203.D
 Acq: 16 Nov 2016 22:12

Tgt Ion:112 Resp: 1477687
 Ion Ratio Lower Upper
 112 100
 64 53.6 55.8 83.6#
 63 27.2 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: 128.12 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091203.D

Acq: 16 Nov 2016 22:12

Instrument :

BNA_F

ClientSampleId :

PB94754BL

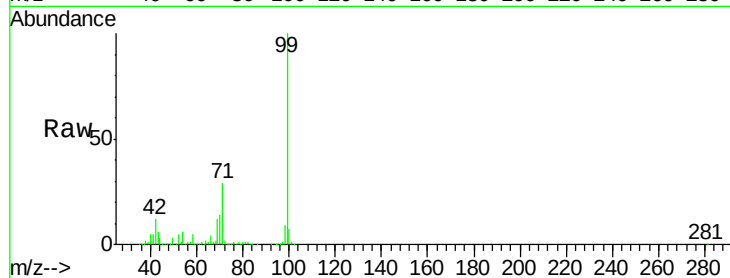
Tgt Ion: 99 Resp: 1887154

Ion Ratio Lower Upper

99 100

42 12.4 13.9 20.9#

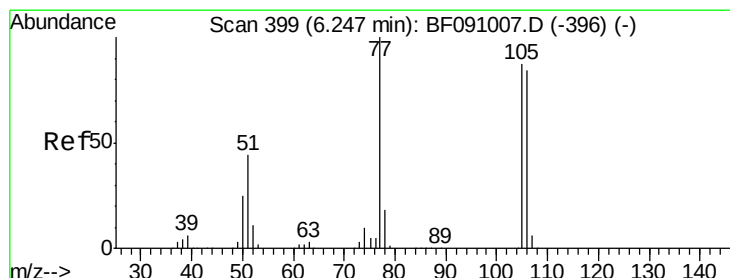
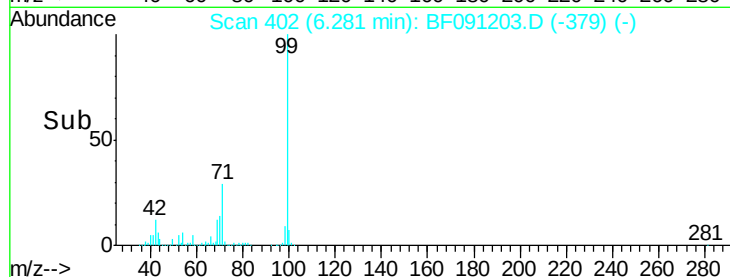
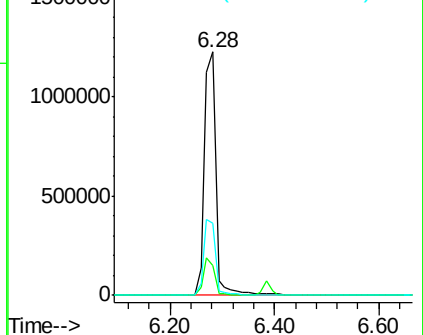
71 29.5 27.8 41.8



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: 3.69 ng

RT: 6.38 min Scan# 411

Delta R.T. 0.18 min

Lab File: BF091203.D

Acq: 16 Nov 2016 22:12

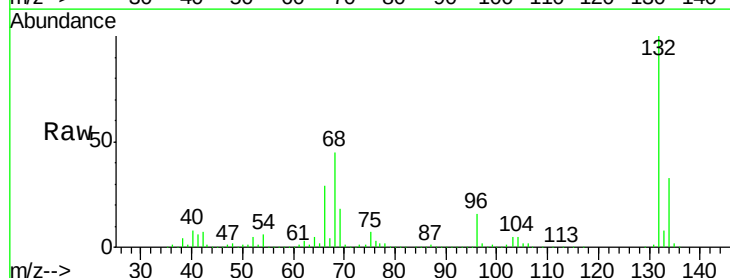
Tgt Ion: 77 Resp: 30148

Ion Ratio Lower Upper

77 100

105 77.4 66.8 106.8

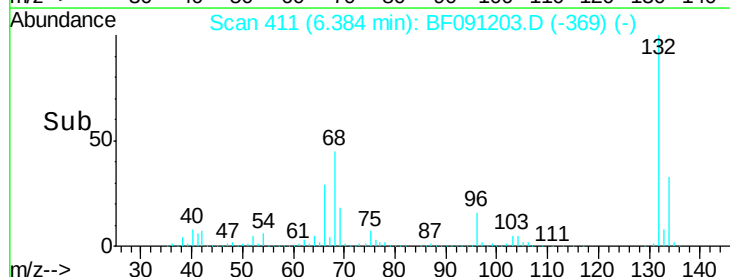
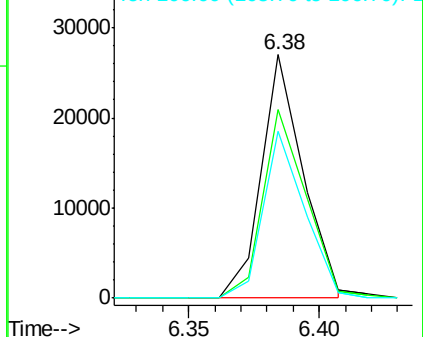
106 68.3 64.0 104.0

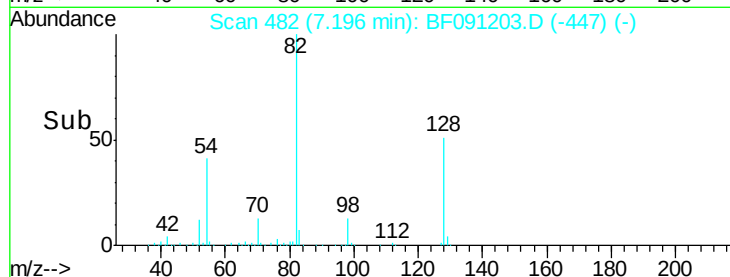
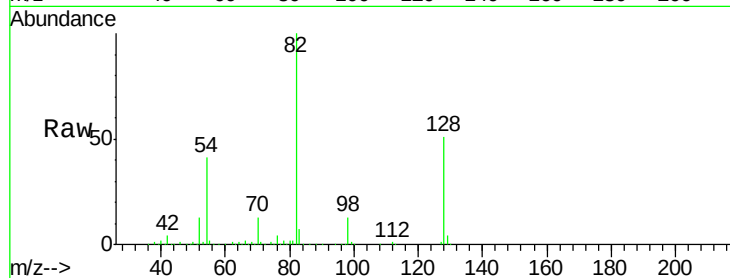
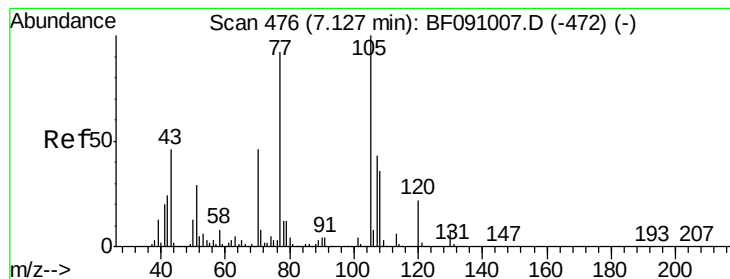


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 15.53 ng

RT: 7.20 min Scan# 482

Delta R.T. 0.10 min

Lab File: BF091203.D

Acq: 16 Nov 2016 22:12

Instrument :

BNA_F

ClientSampleId :

PB94754BL

Tgt Ion: 70 Resp: 158521

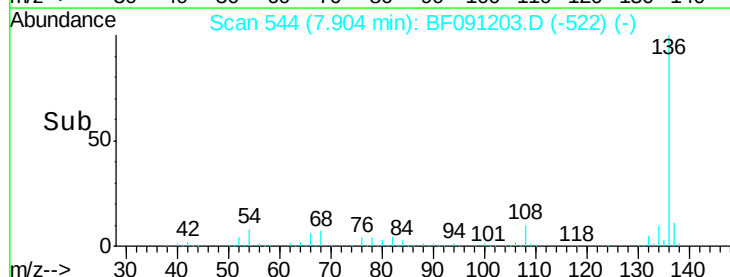
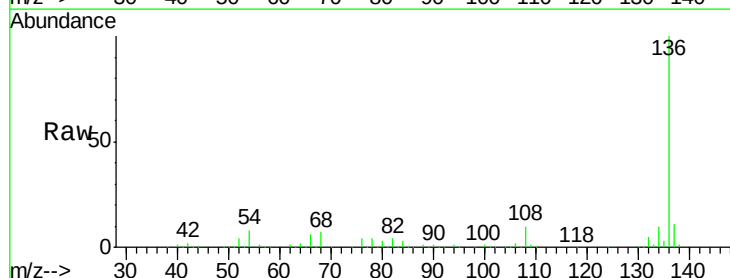
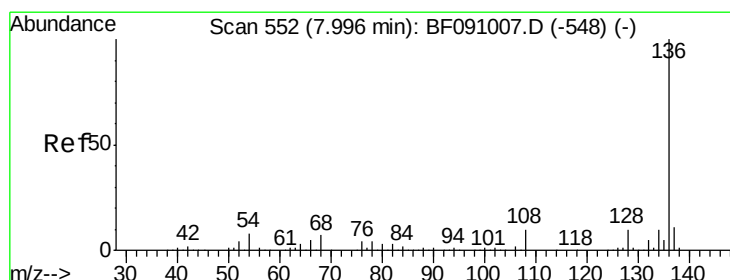
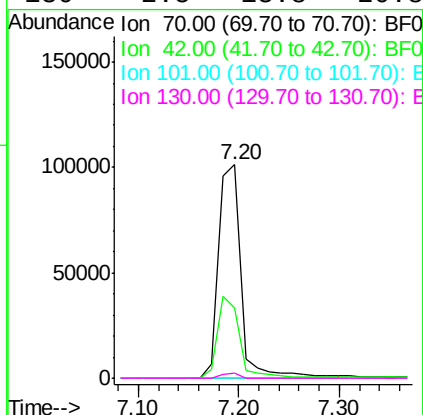
Ion Ratio Lower Upper

70 100

42 33.0 41.7 62.5#

101 0.0 6.7 10.1#

130 2.5 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: BF091203.D

Acq: 16 Nov 2016 22:12

Tgt Ion: 136 Resp: 700914

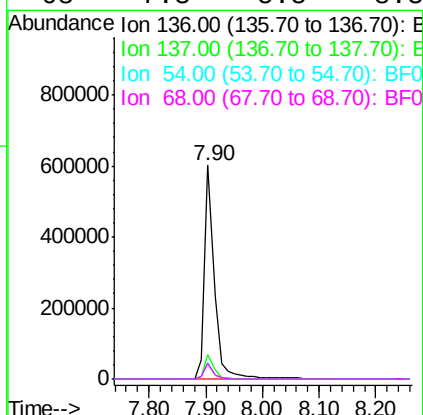
Ion Ratio Lower Upper

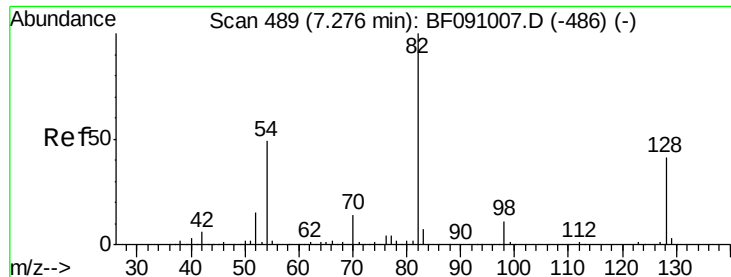
136 100

137 11.3 8.9 13.3

54 8.0 6.2 9.2

68 7.3 5.5 8.3

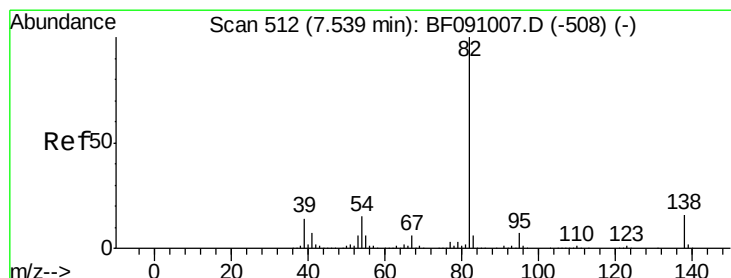
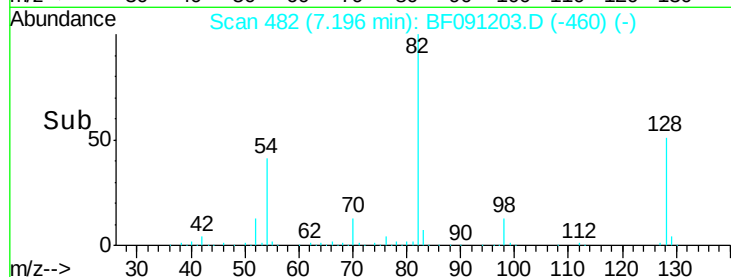
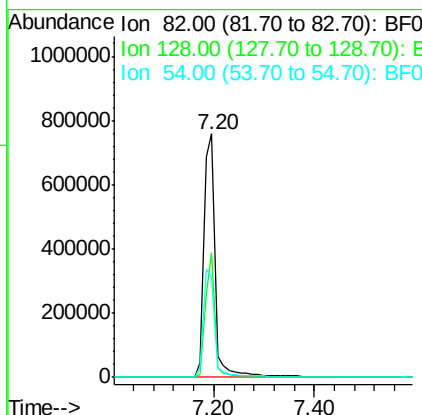
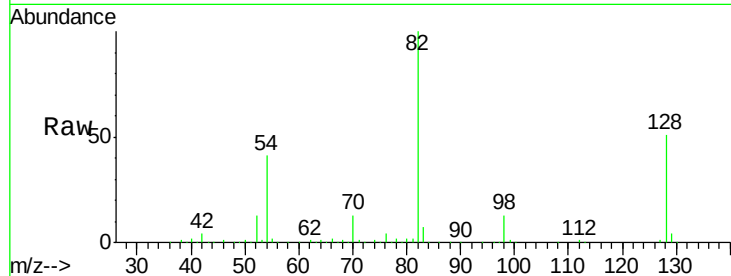




#23
 Nitrobenzene-d5
 Concen: 92.36 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.05 min
 Lab File: BF091203.D
 Acq: 16 Nov 2016 22:12

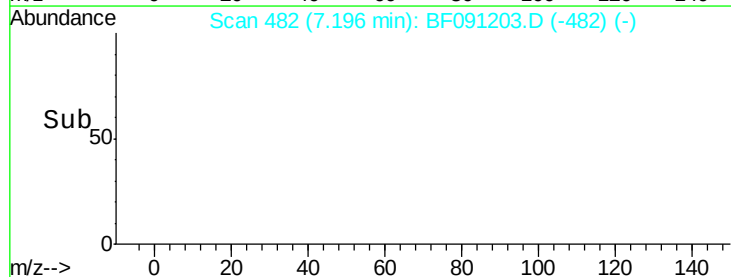
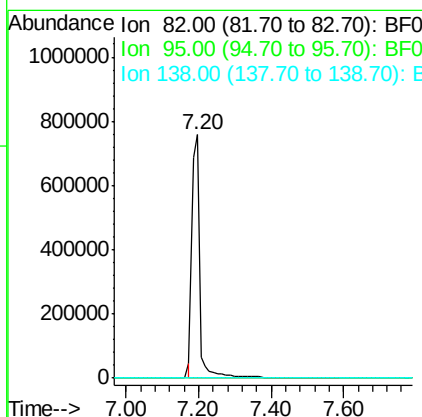
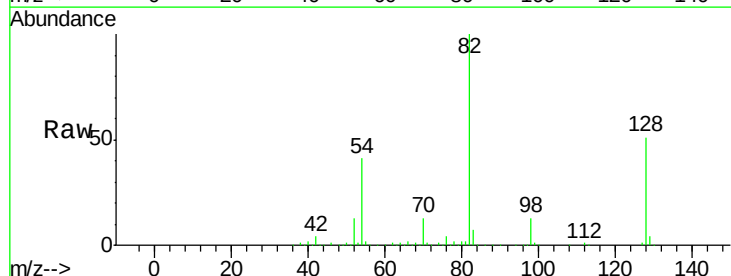
Instrument :
 BNA_F
 ClientSampleID :
 PB94754BL

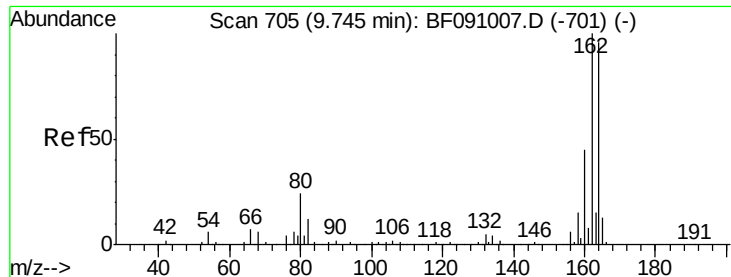
Tgt Ion: 82 Resp: 1186661
 Ion Ratio Lower Upper
 82 100
 128 51.1 32.4 48.6#
 54 41.0 39.2 58.8



#25
 Isophorone
 Concen: 46.24 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.30 min
 Lab File: BF091203.D
 Acq: 16 Nov 2016 22:12

Tgt Ion: 82 Resp: 1144784
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.0#
 138 0.0 13.0 19.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.65 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF091203.D

Acq: 16 Nov 2016 22:12

Instrument :

BNA_F

ClientSampleId :

PB94754BL

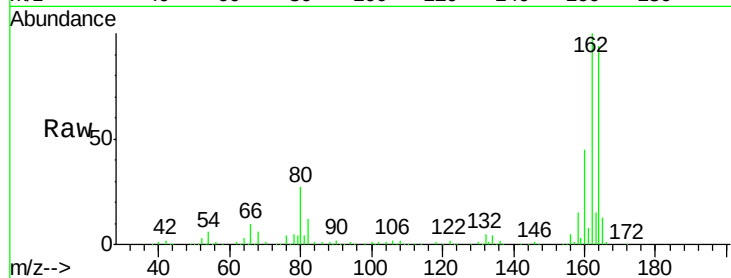
Tgt Ion:164 Resp: 387216

Ion Ratio Lower Upper

164 100

162 106.0 83.6 125.4

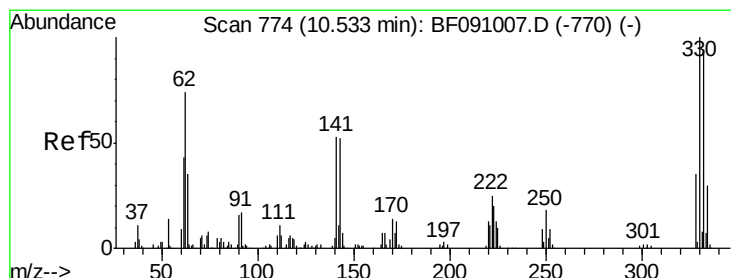
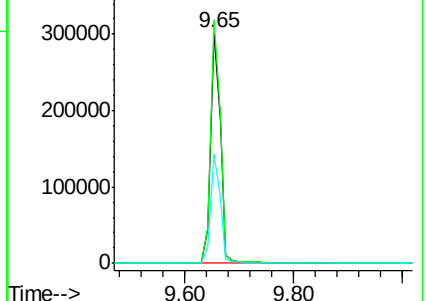
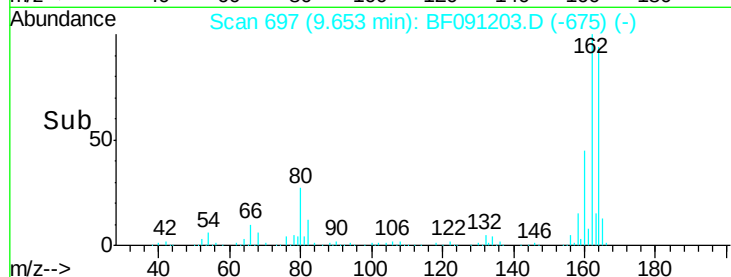
160 47.4 37.9 56.9



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: 144.62 ng

RT: 10.45 min Scan# 767

Delta R.T. -0.03 min

Lab File: BF091203.D

Acq: 16 Nov 2016 22:12

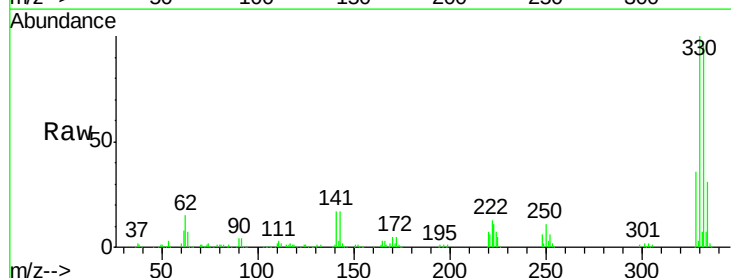
Tgt Ion:330 Resp: 506267

Ion Ratio Lower Upper

330 100

332 95.1 75.9 113.9

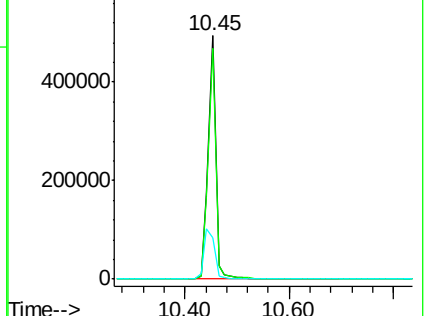
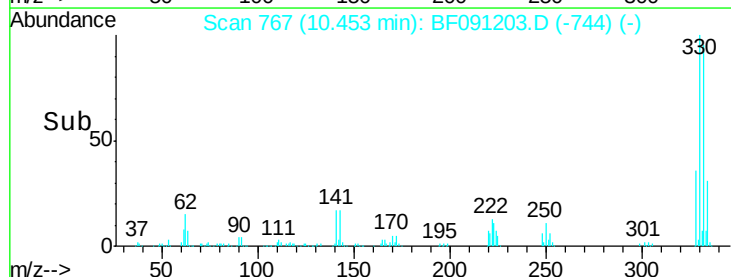
141 29.0 36.1 54.1#

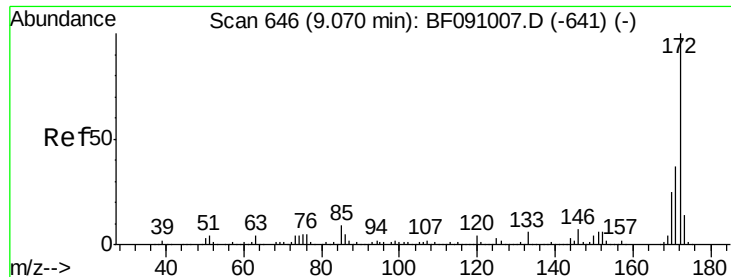


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

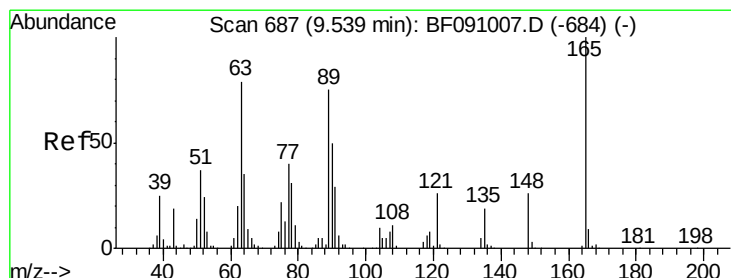
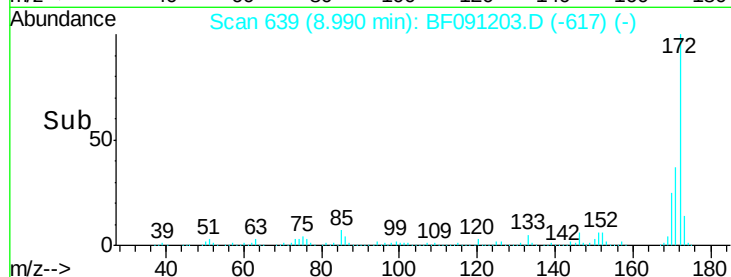
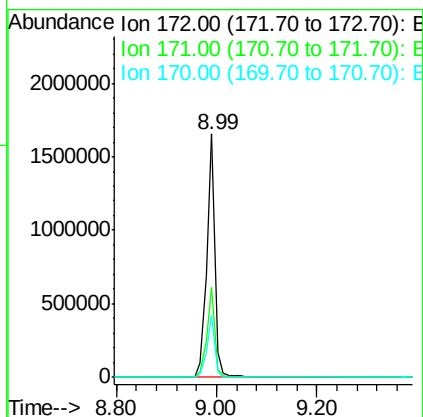
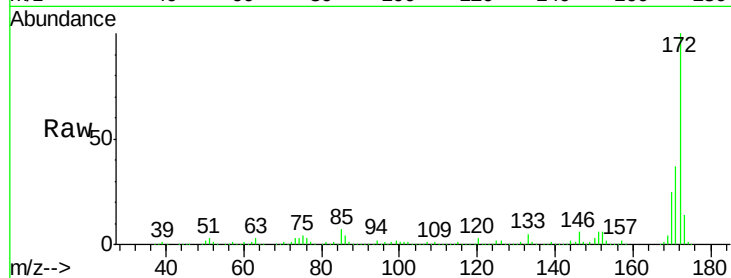




#44
 2-Fluorobiphenyl
 Concen: 83.07 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091203.D
 Acq: 16 Nov 2016 22:12

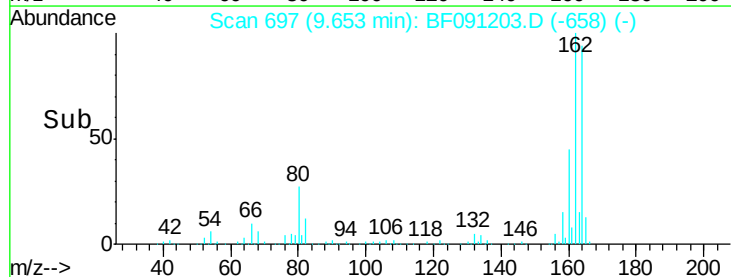
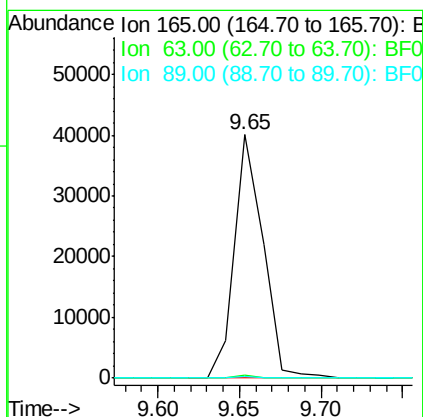
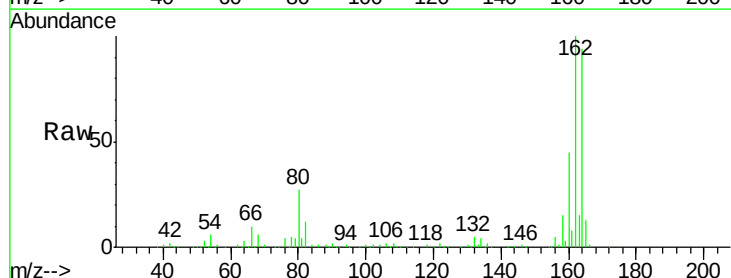
Instrument :
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 PB94754BL

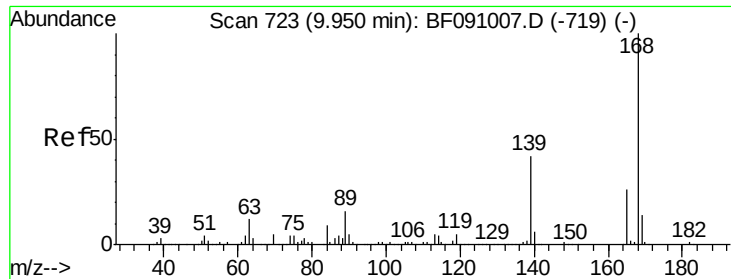
Tgt Ion:172 Resp: 1868348
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.6
 170 25.3 20.3 30.5



#50
 2,6-Dinitrotoluene
 Concen: 8.91 ng
 RT: 9.65 min Scan# 697
 Delta R.T. 0.15 min
 Lab File: BF091203.D
 Acq: 16 Nov 2016 22:12

Tgt Ion:165 Resp: 48487
 Ion Ratio Lower Upper
 165 100
 63 1.1 65.6 98.4#
 89 0.9 59.8 89.6#

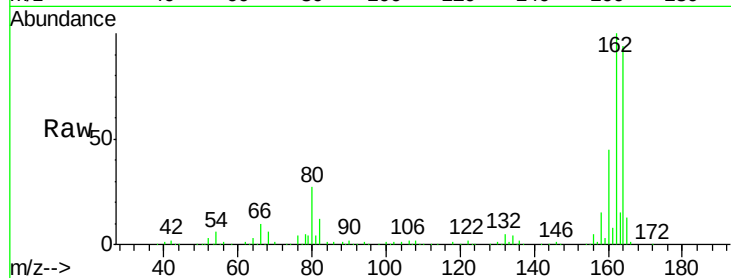




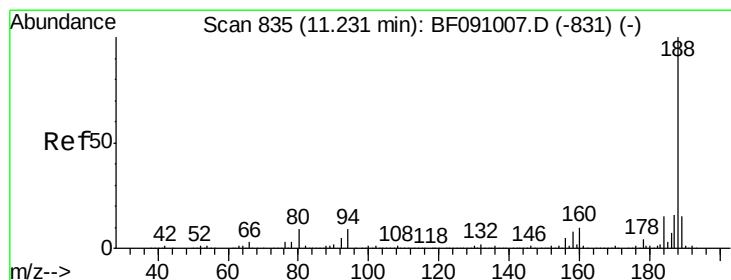
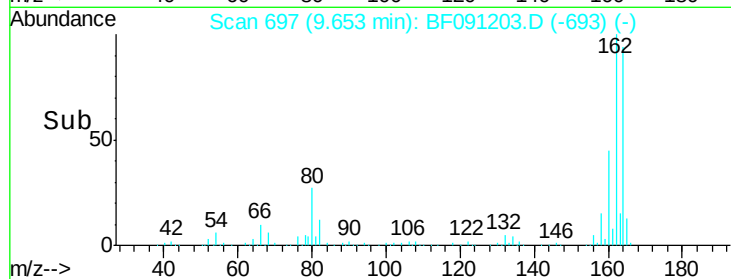
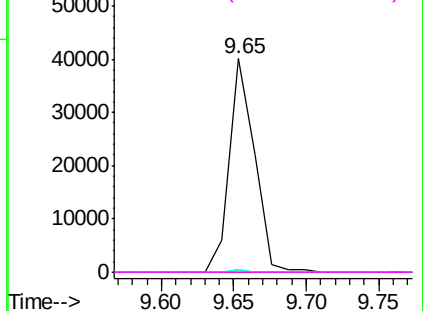
#56
 2,4-Dinitrotoluene
 Concen: 7.00 ng
 RT: 9.65 min Scan# 697
 Delta R.T. -0.25 min
 Lab File: BF091203.D
 Acq: 16 Nov 2016 22:12

Instrument :
 BNA_F
 ClientSampleId :
 PB94754BL

Tgt Ion:165 Resp: 48489
 Ion Ratio Lower Upper
 165 100
 63 1.1 38.7 58.1#
 89 0.9 50.6 76.0#
 182 0.0 1.8 2.8#

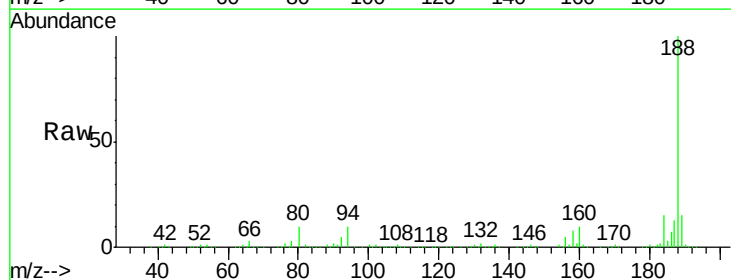


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

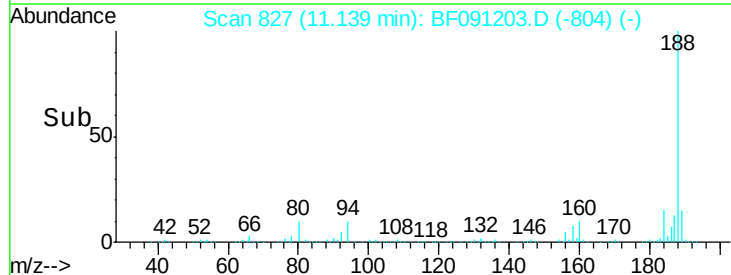
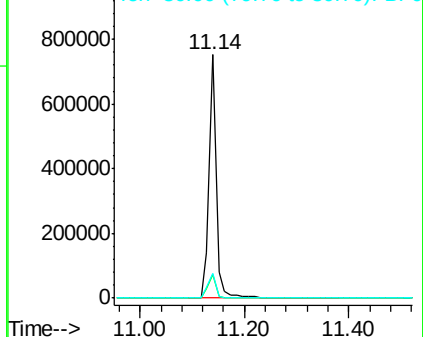


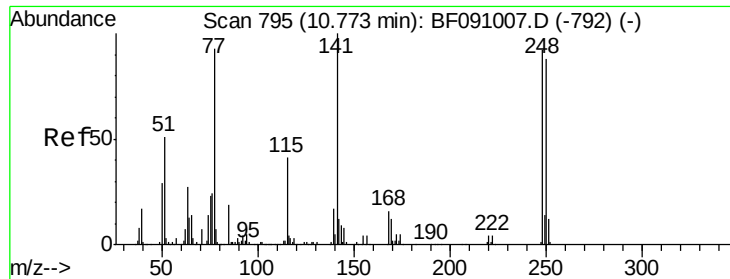
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF091203.D
 Acq: 16 Nov 2016 22:12

Tgt Ion:188 Resp: 715728
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.0 10.4
 80 10.3 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

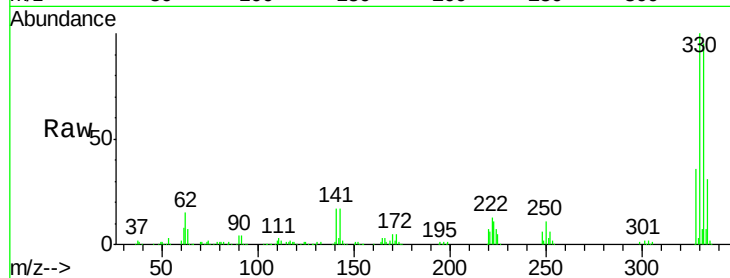




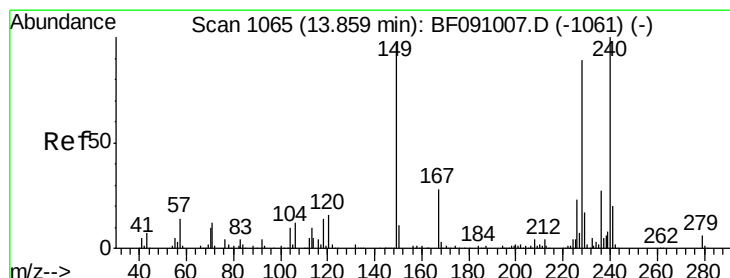
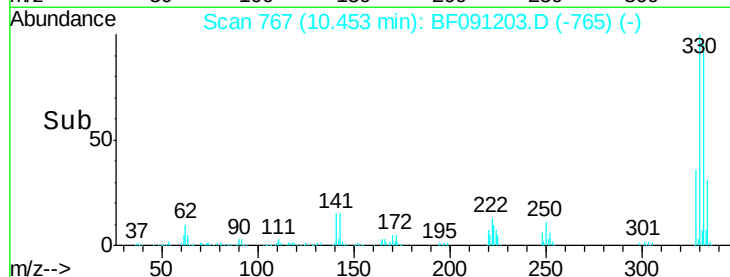
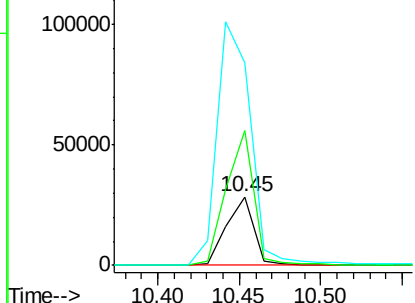
#66
 4-Bromophenyl-phenylether
 Concen: 4.39 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.27 min
 Lab File: BF091203.D
 Acq: 16 Nov 2016 22:12

Instrument :
 BNA_F
 ClientSampled :
 PB94754BL

Tgt Ion:248 Resp: 32705
 Ion Ratio Lower Upper
 248 100
 250 197.9 76.3 114.5#
 141 297.8 86.8 130.2#

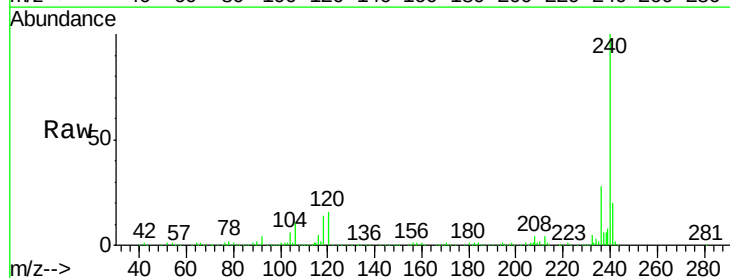


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

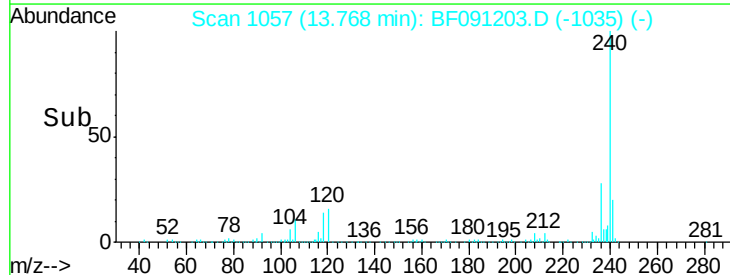
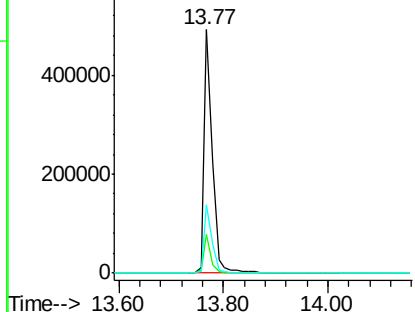


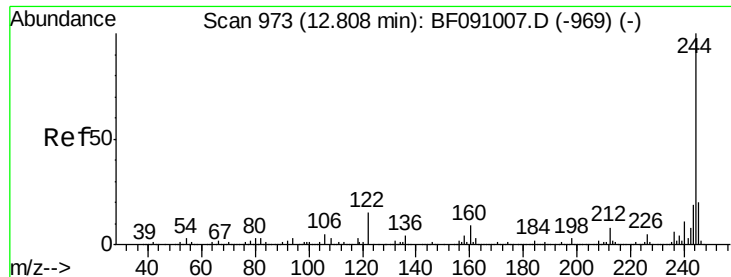
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.77 min Scan# 1057
 Delta R.T. -0.05 min
 Lab File: BF091203.D
 Acq: 16 Nov 2016 22:12

Tgt Ion:240 Resp: 547204
 Ion Ratio Lower Upper
 240 100
 120 16.0 12.9 19.3
 236 27.9 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: 85.03 ng

RT: 12.73 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF091203.D

Acq: 16 Nov 2016 22:12

Instrument :

BNA_F

ClientSampleId :

PB94754BL

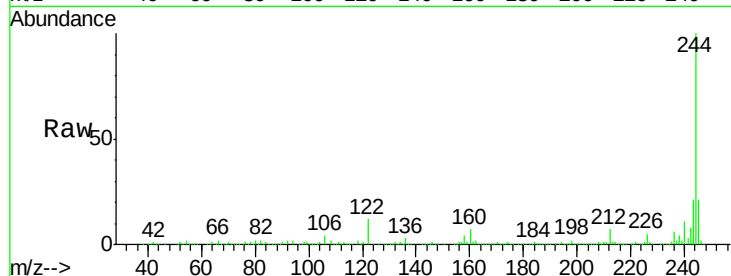
Tgt Ion:244 Resp: 1864466

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

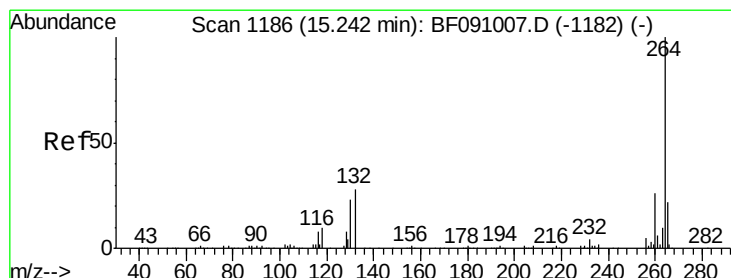
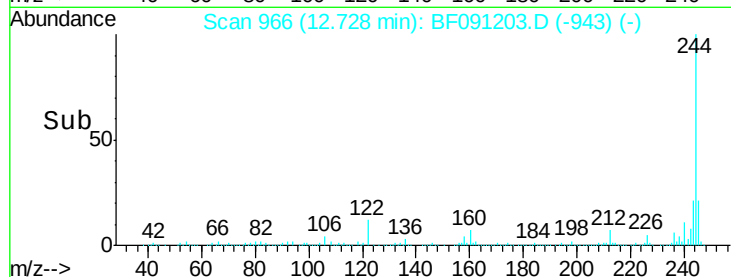
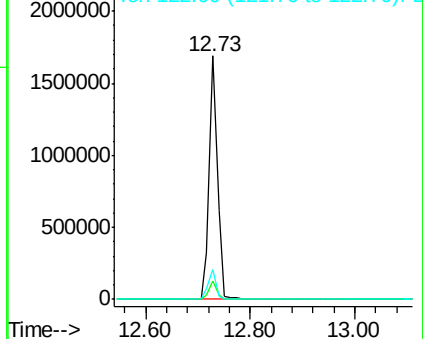
122 12.2 12.3 18.5#



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: BF091203.D

Acq: 16 Nov 2016 22:12

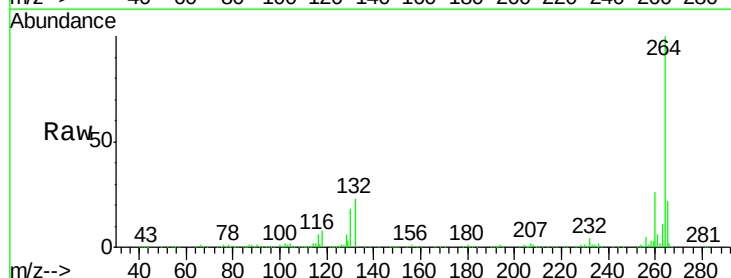
Tgt Ion:264 Resp: 374638

Ion Ratio Lower Upper

264 100

260 26.1 20.6 30.8

265 22.1 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

