

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040116\
 Data File : BF085961.D
 Acq On : 1 Apr 2016 14:15
 Operator : UM/SJ
 Sample : H1978-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 01 15:16:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

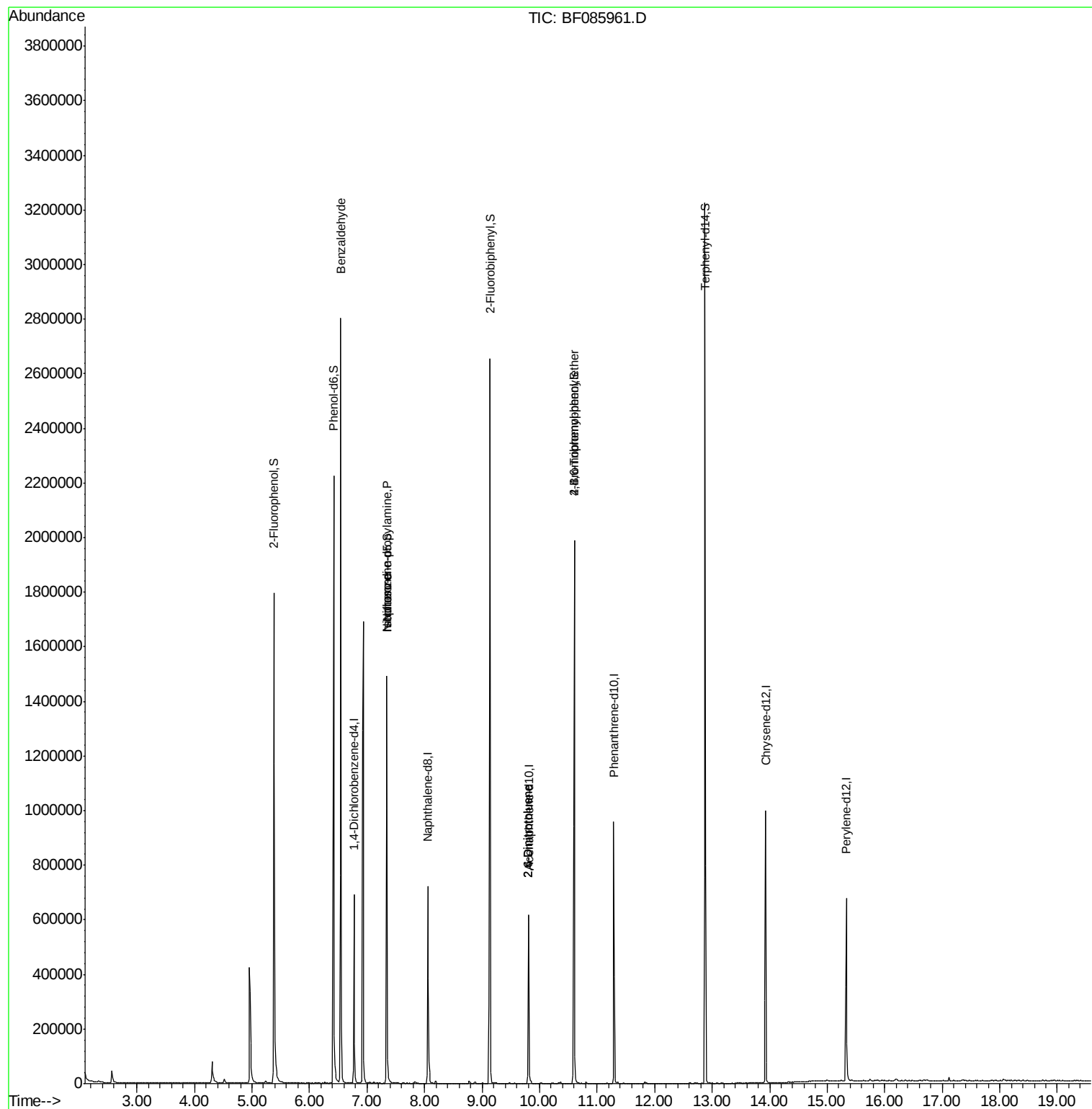
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	106822	20.00	ng	-0.03
21) Naphthalene-d8	8.05	136	410709	20.00	ng	-0.04
38) Acenaphthene-d10	9.81	164	187676	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	382884	20.00	ng	-0.04
75) Chrysene-d12	13.93	240	352626	20.00	ng	-0.04
86) Perylene-d12	15.33	264	297276	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	735059	114.60	ng	-0.02
7) Phenol-d6	6.42	99	937034	114.90	ng	-0.03
23) Nitrobenzene-d5	7.34	82	663658	91.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	288592	161.85	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1167277	103.91	ng	-0.03
78) Terphenyl-d14	12.88	244	1101979	64.27	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.54	77	17279	3.52	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.34	70	85764	17.56	ng	# 75
25) Isophorone	7.34	82	659839	46.97	ng	# 68
37) 2-Methylnaphthalene	8.88	142	3102	Below Cal		96
50) 2,6-Dinitrotoluene	9.80	165	23385	7.63	ng	# 17
56) 2,4-Dinitrotoluene	9.80	165	23385	6.00	ng	# 35
66) 4-Bromophenyl-phenylether	10.60	248	18743	4.78	ng	# 1

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

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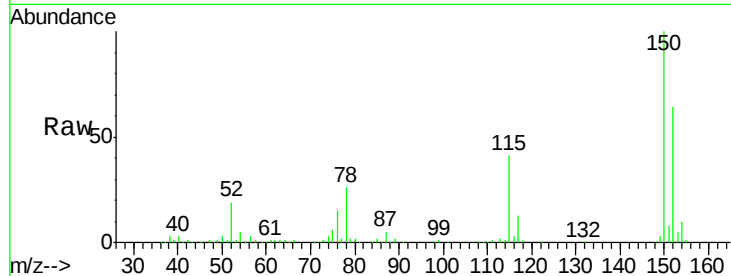


#1

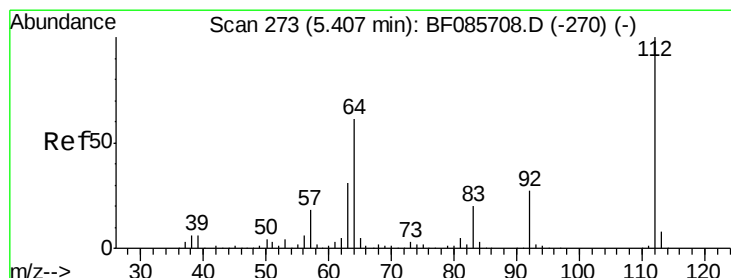
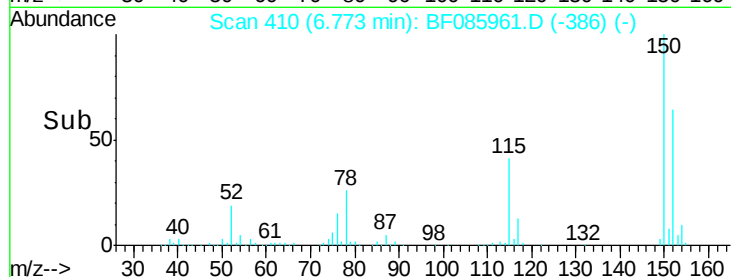
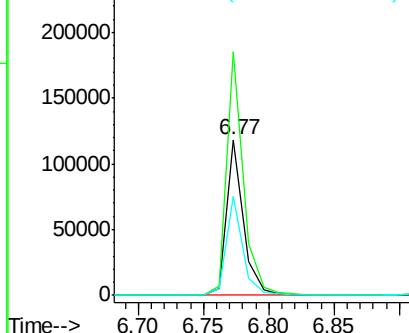
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.03 min
 Lab File: BF085961.D
 Acq: 1 Apr 2016 14:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 106822
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.2 186.2
 115 63.2 47.0 70.6



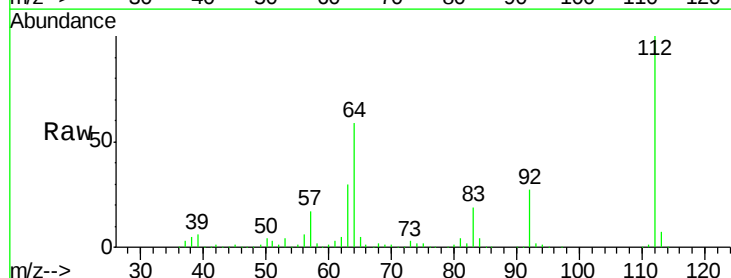
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



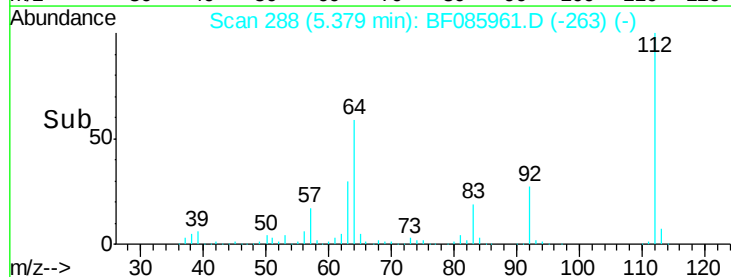
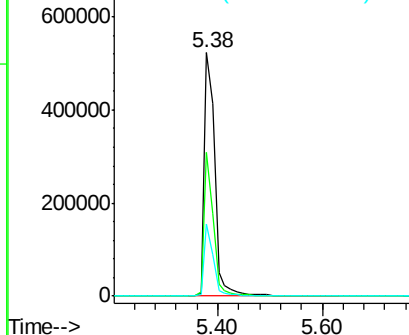
#5

2-Fluorophenol
 Concen: 114.60 ng
 RT: 5.38 min Scan# 288
 Delta R.T. -0.02 min
 Lab File: BF085961.D
 Acq: 1 Apr 2016 14:15

Tgt Ion:112 Resp: 735059
 Ion Ratio Lower Upper
 112 100
 64 58.8 39.9 59.9
 63 29.9 20.2 30.2



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: 114.90 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF085961.D

Acq: 1 Apr 2016 14:15

Instrument :

BNA_F

ClientSampled :

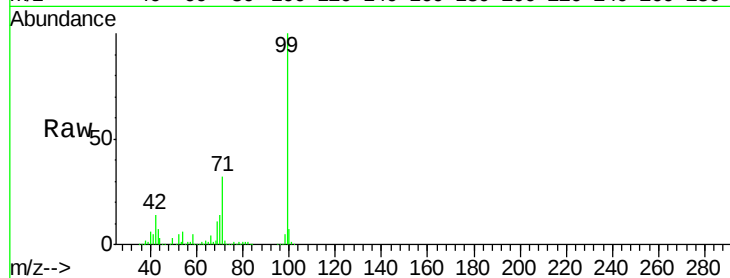
Tot Ion: 99 Resp: 937034

Ion Ratio Lower Upper

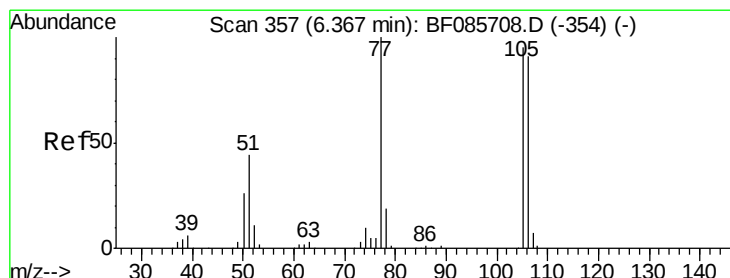
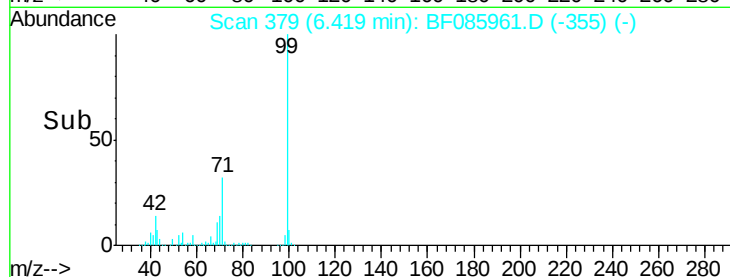
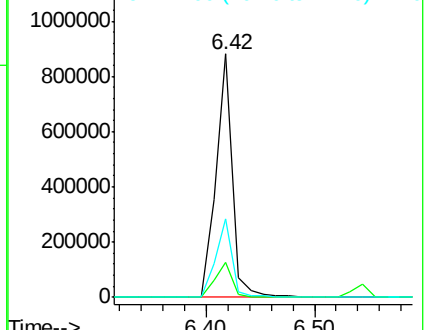
99 100

42 14.4 11.1 16.7

71 32.1 24.9 37.3



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: 3.52 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.20 min

Lab File: BF085961.D

Acq: 1 Apr 2016 14:15

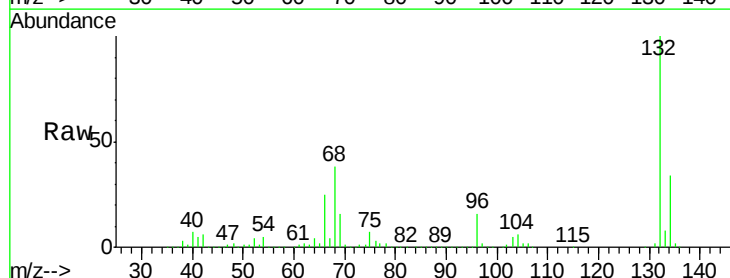
Tgt Ion: 77 Resp: 17279

Ion Ratio Lower Upper

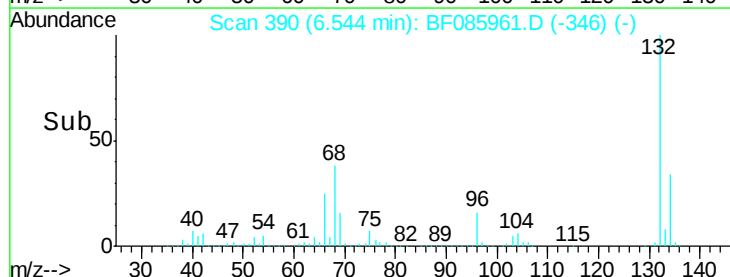
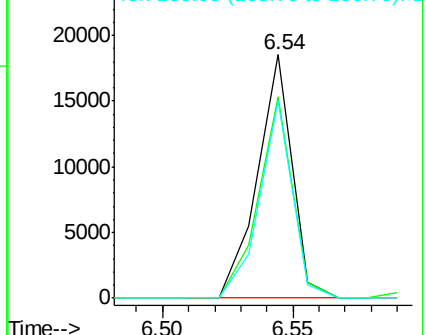
77 100

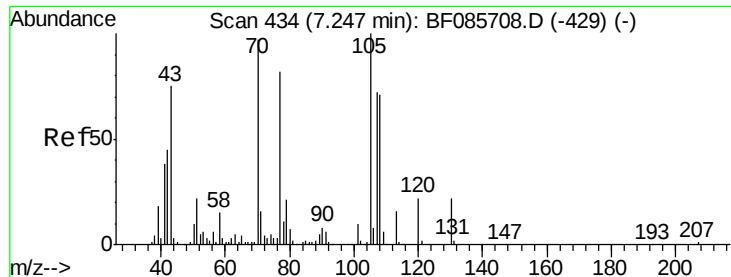
105 82.9 80.1 120.1

106 81.4 75.0 115.0



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: 17.56 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.12 min

Lab File: BF085961.D

Acq: 1 Apr 2016 14:15

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 85764

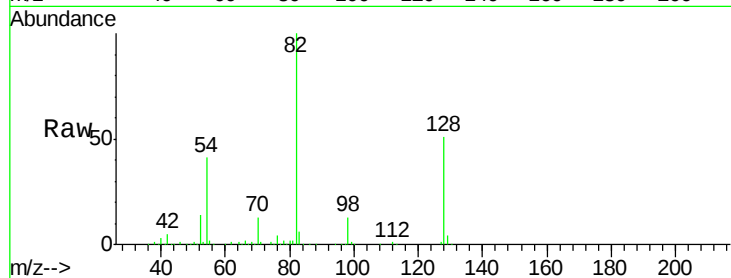
Ion Ratio Lower Upper

70 100

42 36.6 37.1 55.7#

101 0.0 8.6 12.8#

130 2.5 19.6 29.4#

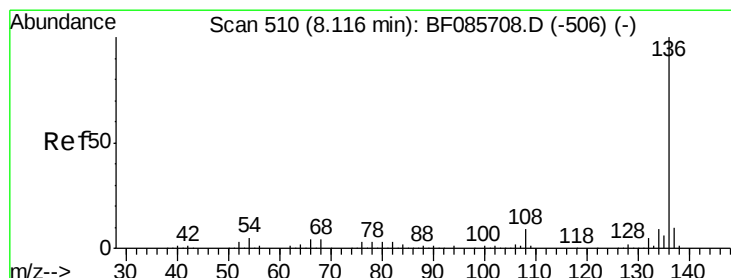
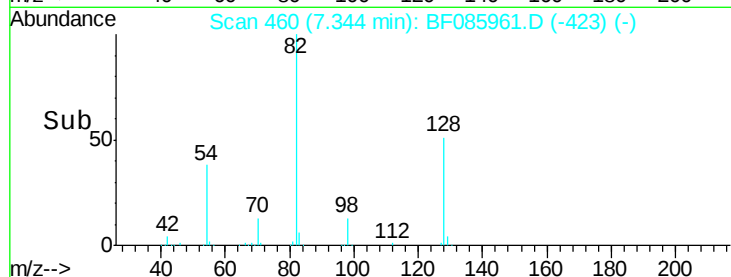
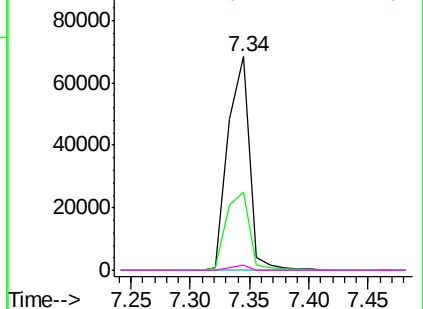


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.05 min Scan# 522

Delta R.T. -0.04 min

Lab File: BF085961.D

Acq: 1 Apr 2016 14:15

Tgt Ion: 136 Resp: 410709

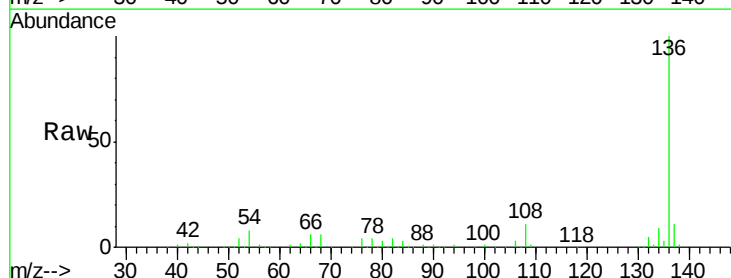
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.0 7.4 11.0

68 6.4 5.8 8.8

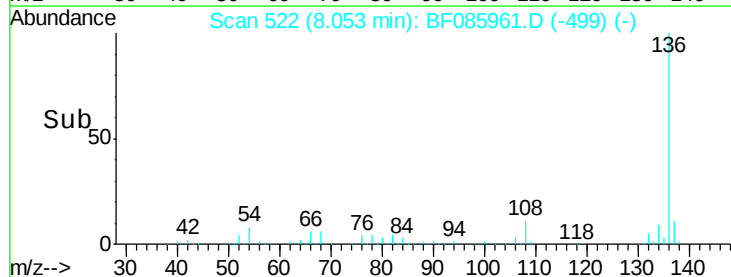
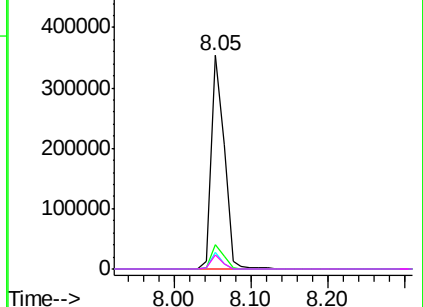


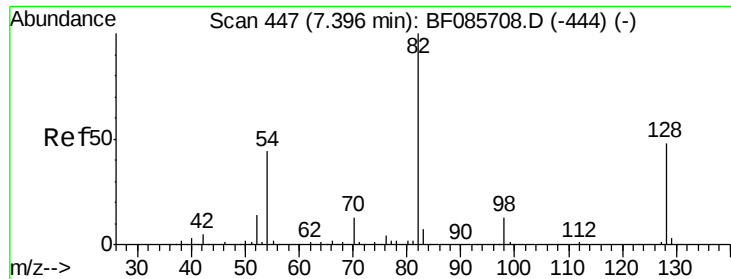
Abundance Ion 136.00 (135.70 to 136.70): E

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

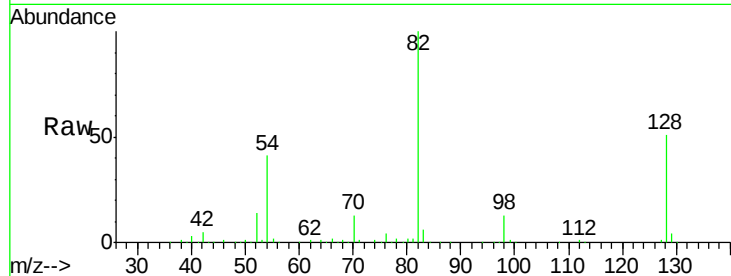




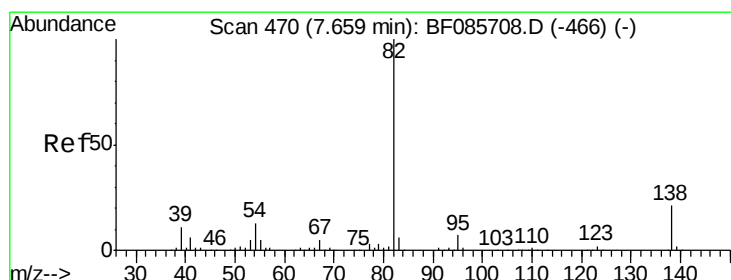
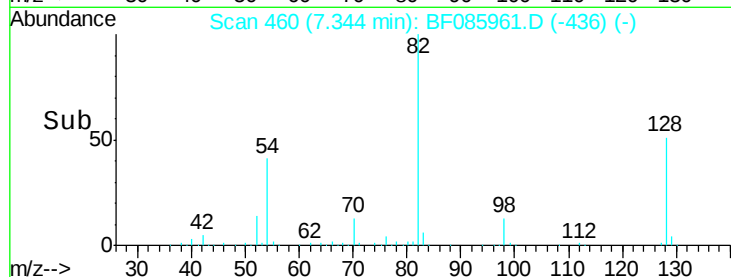
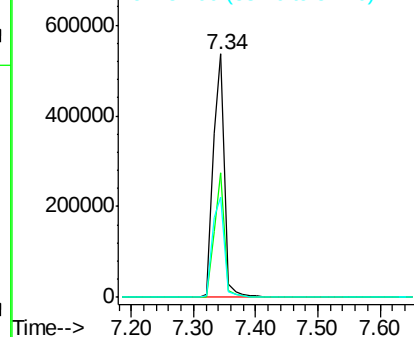
#23
Nitrobenzene-d5
Concen: 91.00 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF085961.D
Acq: 1 Apr 2016 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 663658
Ion Ratio Lower Upper
82 100
128 51.0 41.8 62.8
54 41.1 33.4 50.0

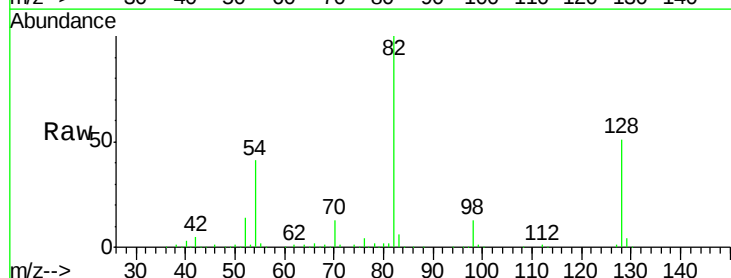


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

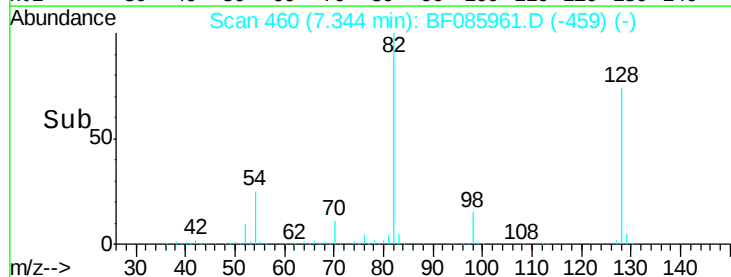
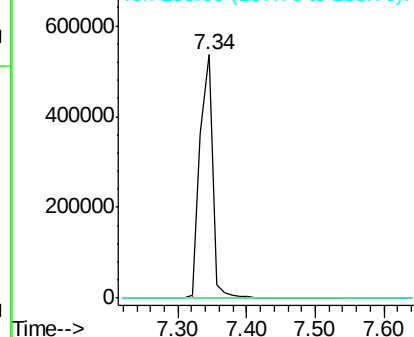


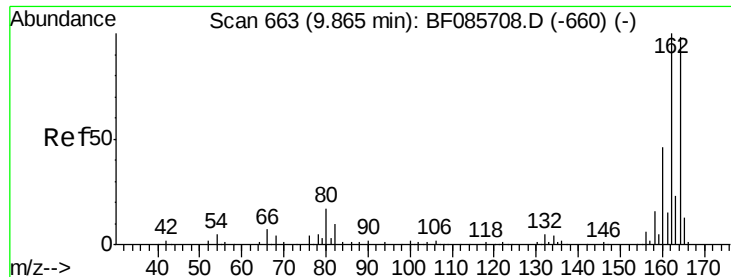
#25
Isophorone
Concen: 46.97 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.29 min
Lab File: BF085961.D
Acq: 1 Apr 2016 14:15

Tgt Ion: 82 Resp: 659839
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 12.9 19.3#



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

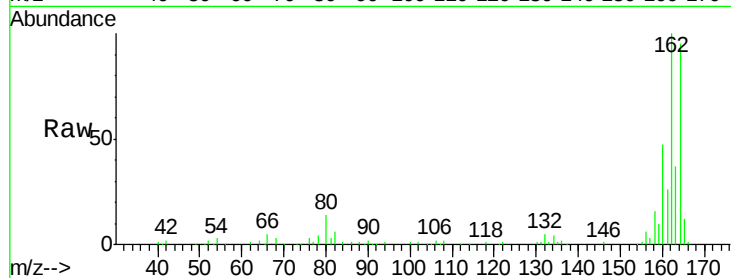




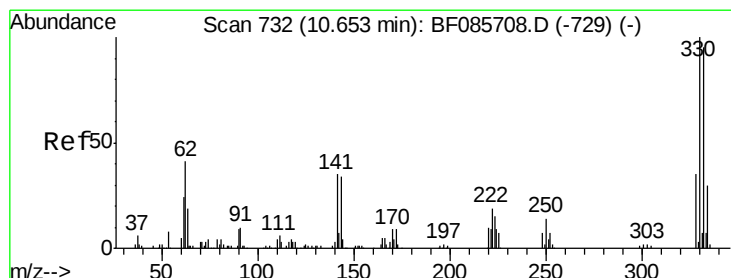
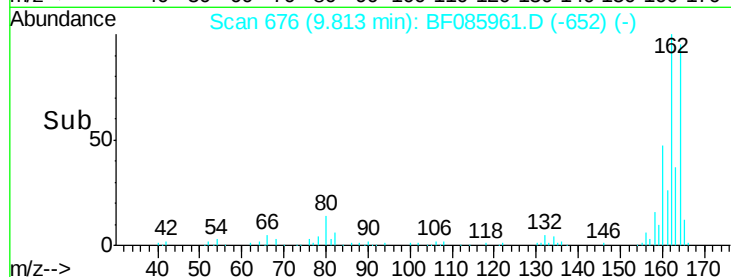
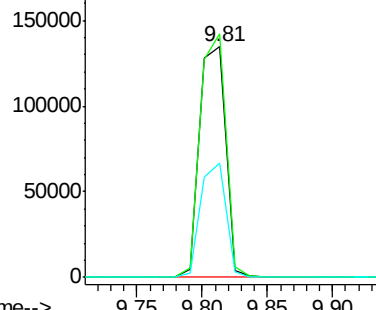
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.03 min
Lab File: BF085961.D
Acq: 1 Apr 2016 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 187676
Ion Ratio Lower Upper
164 100
162 105.6 82.1 123.1
160 49.7 37.4 56.2

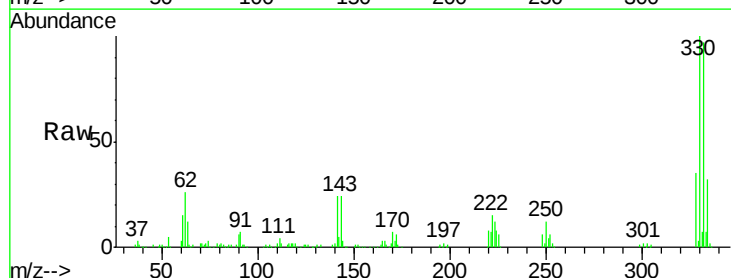


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

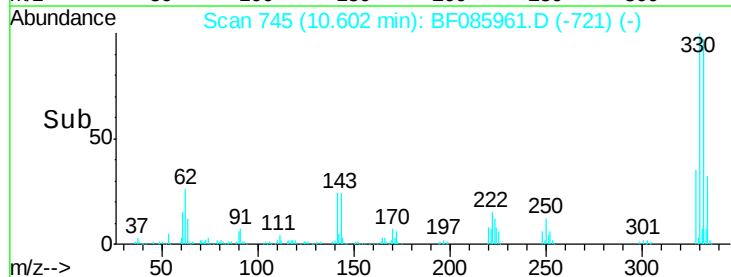
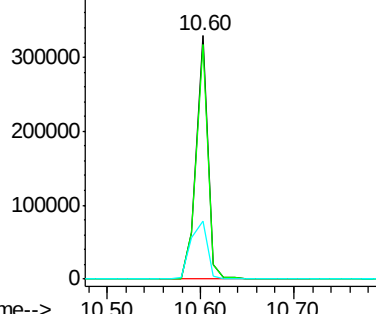


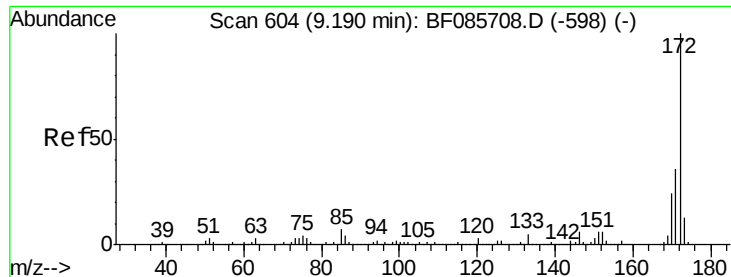
#41
2,4,6-Tribromophenol
Concen: 161.85 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.03 min
Lab File: BF085961.D
Acq: 1 Apr 2016 14:15

Tgt Ion:330 Resp: 288592
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.2
141 33.9 31.5 47.3



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



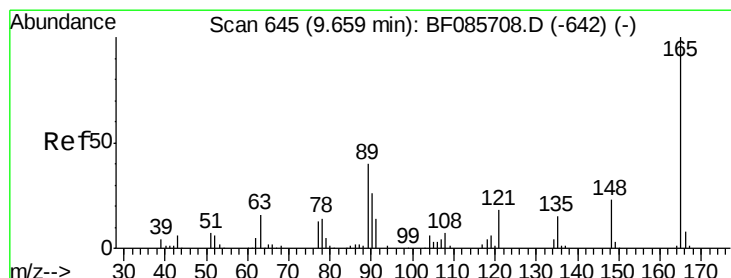
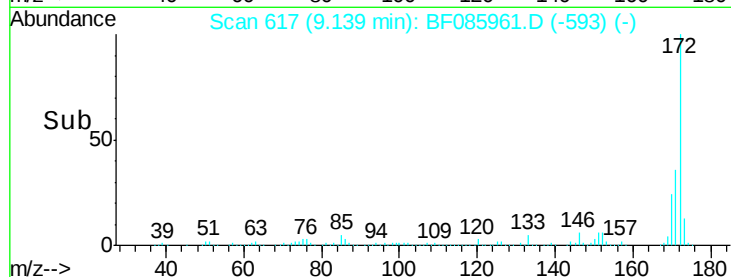
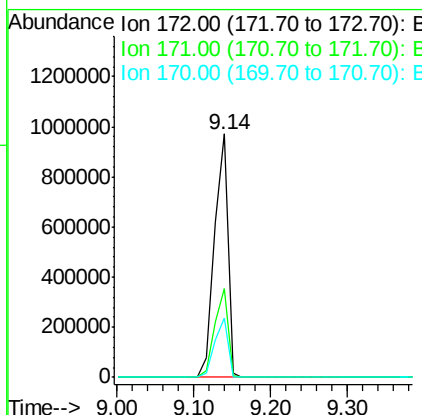
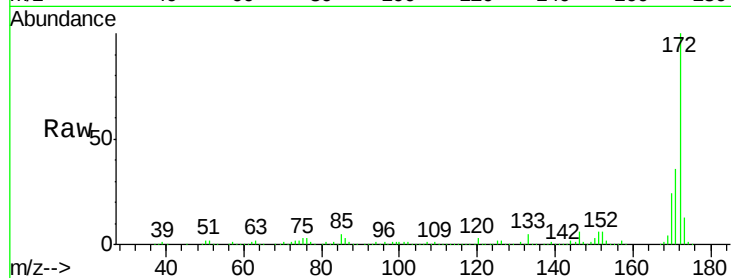


#44
 2-Fluorobiphenyl
 Concen: 103.91 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF085961.D
 Acq: 1 Apr 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1167277

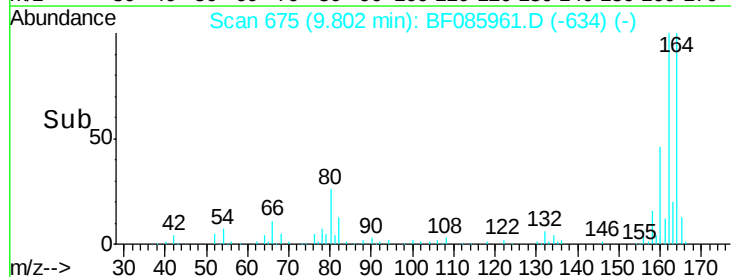
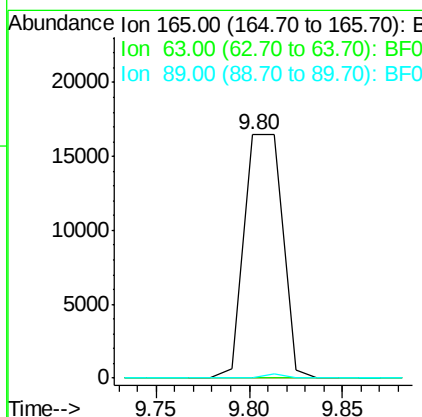
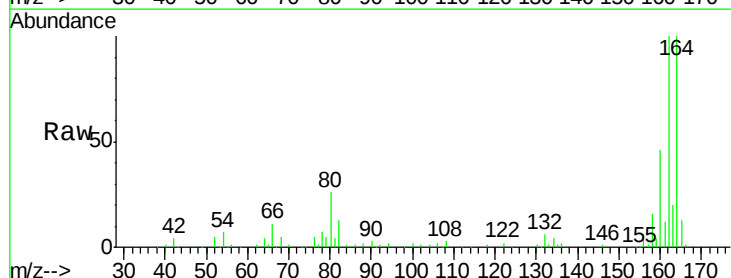
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.2
170	24.3	19.8	29.6

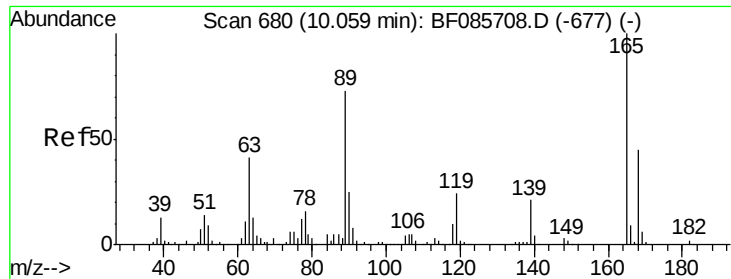


#50
 2,6-Dinitrotoluene
 Concen: 7.63 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.17 min
 Lab File: BF085961.D
 Acq: 1 Apr 2016 14:15

Tgt Ion:165 Resp: 23385

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.8#
89	0.0	53.7	80.5#

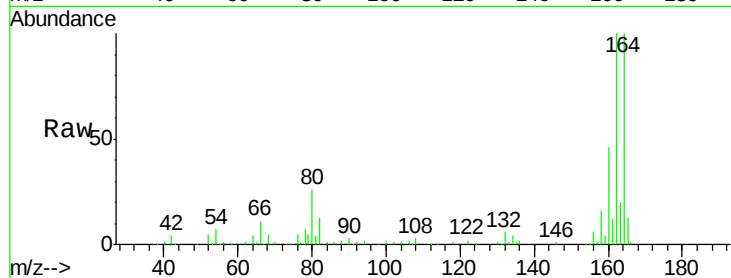




#56
 2,4-Dinitrotoluene
 Concen: 6.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.23 min
 Lab File: BF085961.D
 Acq: 1 Apr 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	23385
Ion Ratio	Lower	Upper
165	100	
63	0.0	24.9 37.3#
89	0.0	41.0 61.6#
182	0.0	2.1 3.1#

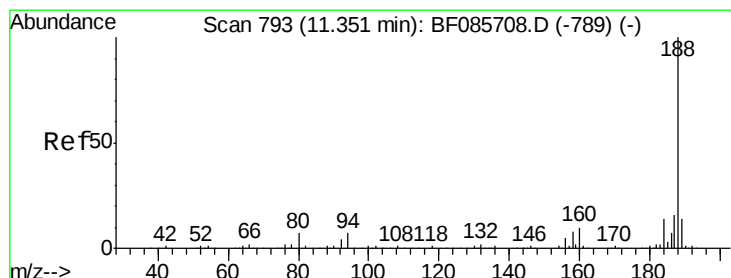
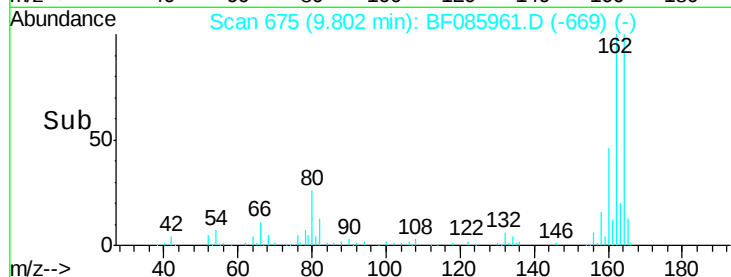
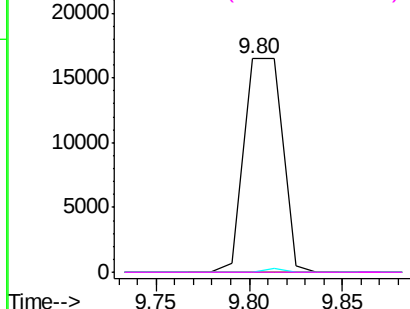


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

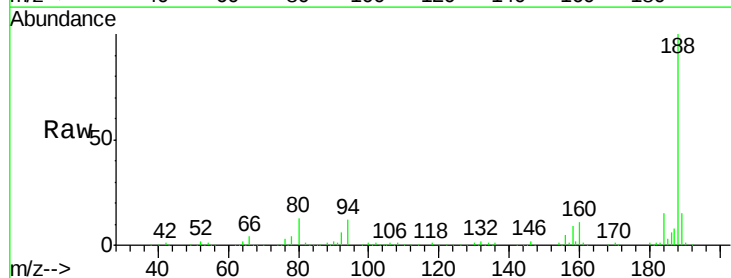
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.04 min
 Lab File: BF085961.D
 Acq: 1 Apr 2016 14:15

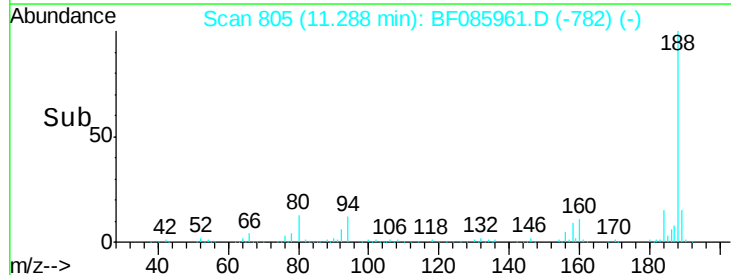
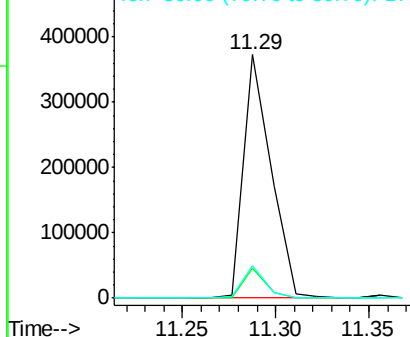
Tgt Ion:188	Resp:	382884
Ion Ratio	Lower	Upper
188	100	
94	12.1	5.4 8.0#
80	13.2	5.5 8.3#

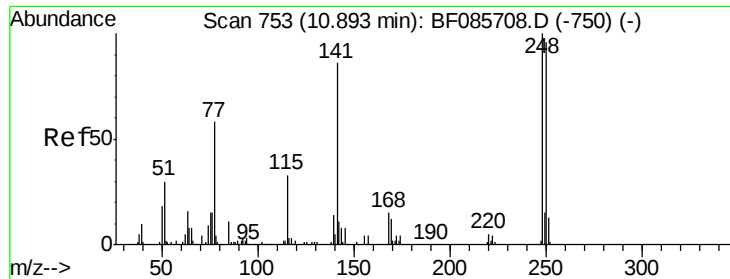


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

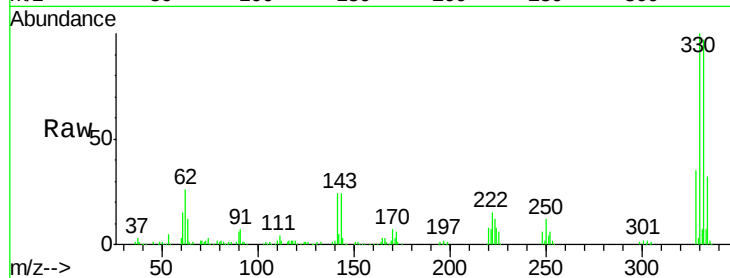




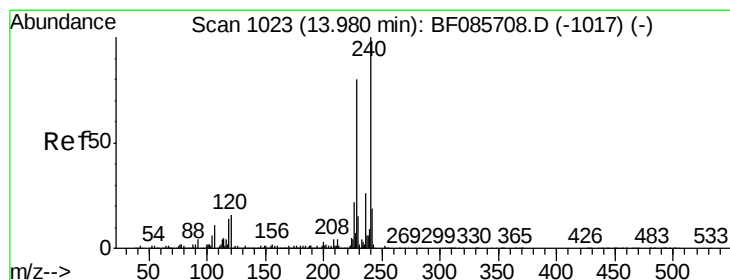
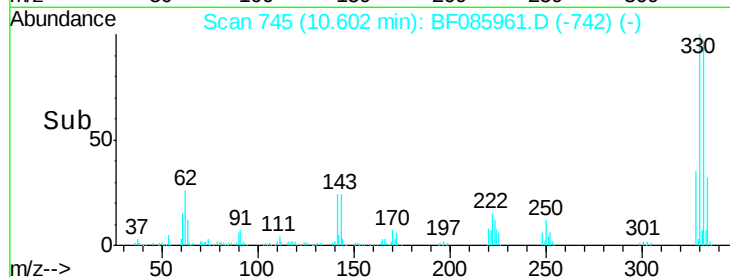
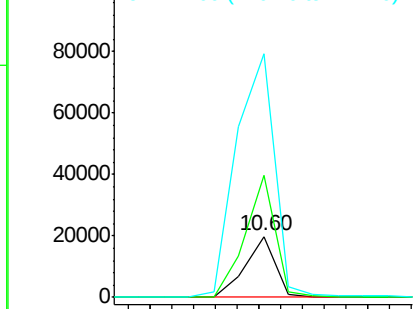
#66
4-Bromophenyl-phenylether
Concen: 4.78 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.27 min
Lab File: BF085961.D
Acq: 1 Apr 2016 14:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18743
Ion Ratio Lower Upper
248 100
250 200.6 77.4 116.0#
141 398.2 63.6 95.4#

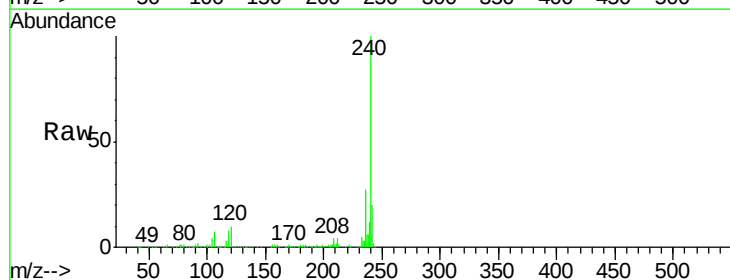


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

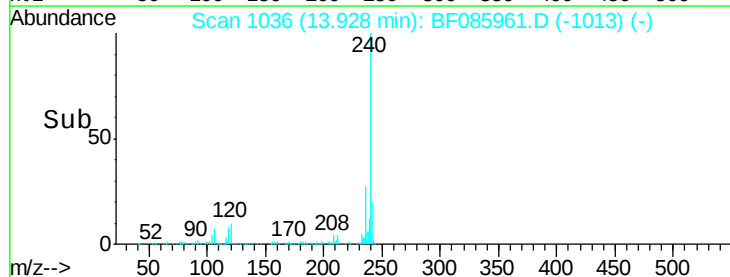
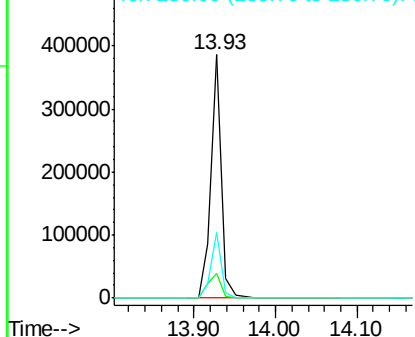


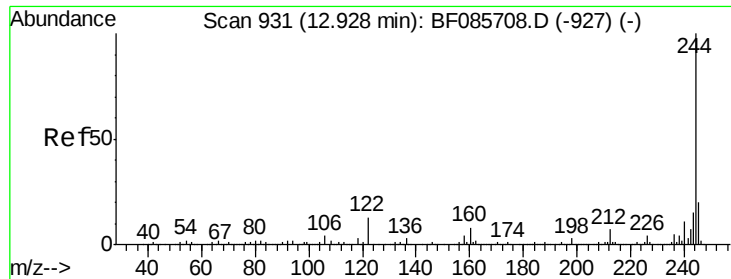
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.04 min
Lab File: BF085961.D
Acq: 1 Apr 2016 14:15

Tgt Ion:240 Resp: 352626
Ion Ratio Lower Upper
240 100
120 10.0 13.8 20.8#
236 26.8 20.6 30.8



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

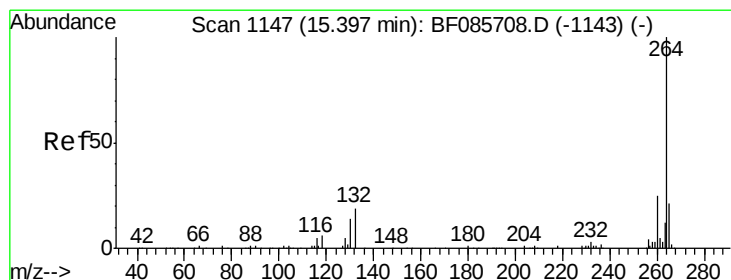
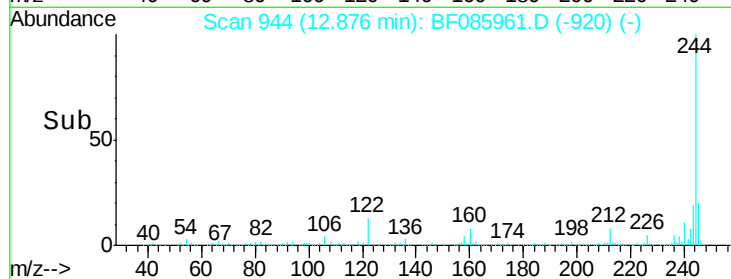
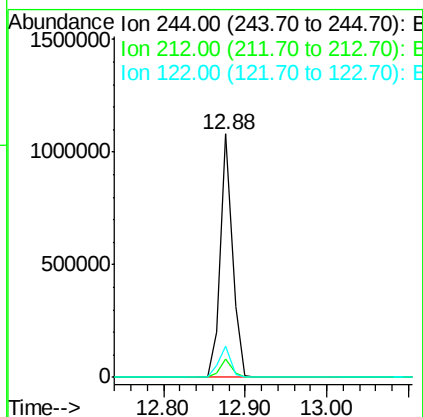
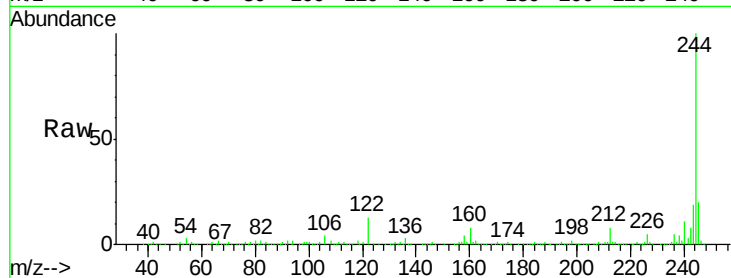




#78
 Terphenyl-d14
 Concen: 64.27 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF085961.D
 Acq: 1 Apr 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1101979
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.7 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. -0.04 min
 Lab File: BF085961.D
 Acq: 1 Apr 2016 14:15

Tgt Ion:264 Resp: 297276
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 21.2 17.2 25.8

