

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085323.D
 Acq On : 10 Mar 2016 2:49
 Operator : UM/SJ
 Sample : H1722-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-29(0.5-3.0)

Quant Time: Mar 10 03:13:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

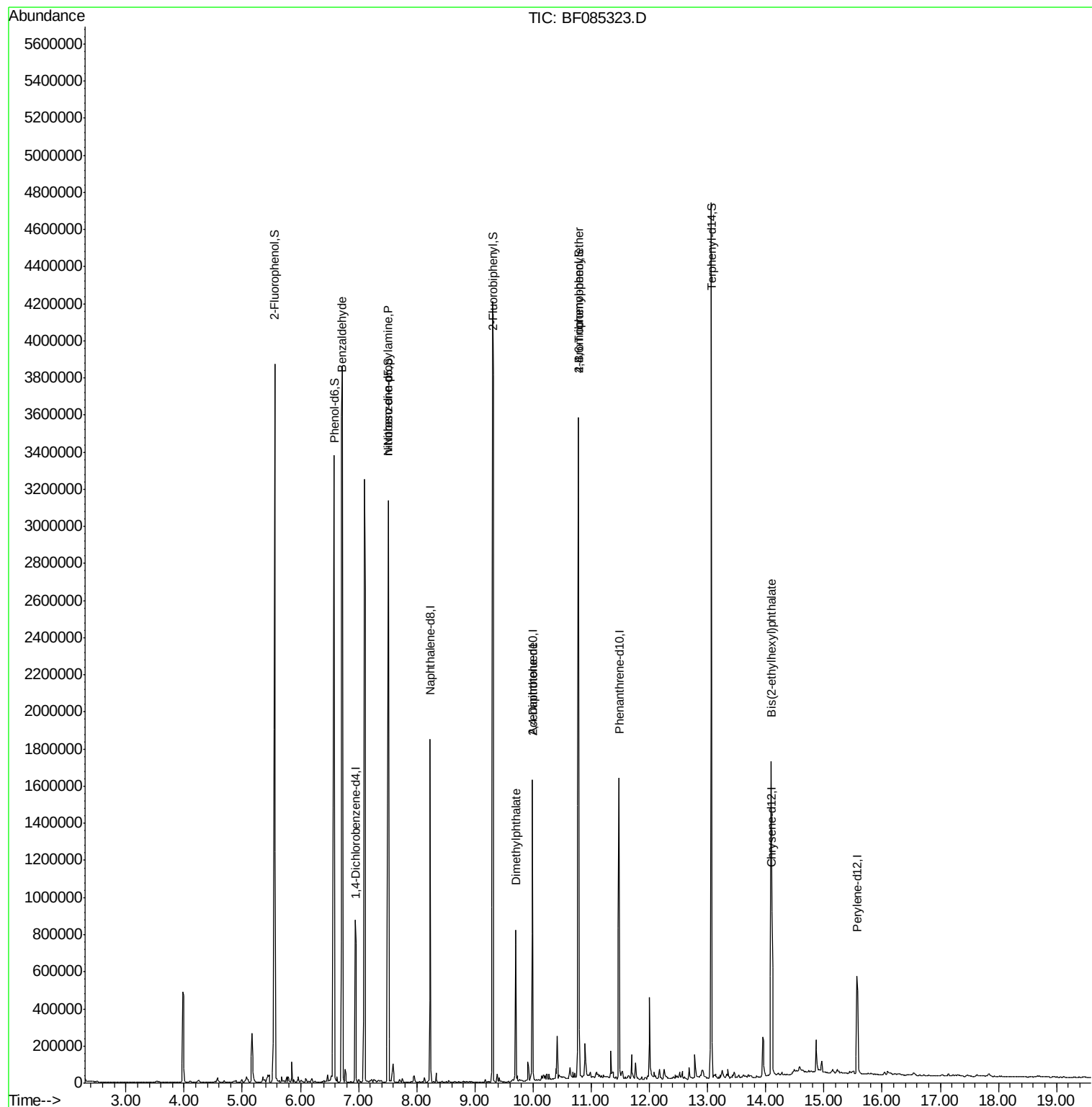
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	187166	20.00	ng	-0.03
21) Naphthalene-d8	8.23	136	805788	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	361477	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	680113	20.00	ng	-0.03
75) Chrysene-d12	14.11	240	349535	20.00	ng	-0.05
86) Perylene-d12	15.57	264	279835	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1521726	136.38	ng	-0.02
7) Phenol-d6	6.58	99	2202631	150.67	ng	-0.02
23) Nitrobenzene-d5	7.51	82	1220719	81.07	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	470418	152.09	ng	-0.03
44) 2-Fluorobiphenyl	9.32	172	2129003	89.57	ng	-0.03
78) Terphenyl-d14	13.06	244	1629788	108.24	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.71	77	36945	2.50	ng	81
19) n-Nitroso-di-n-propylamine	7.51	70	164707	17.29	ng	# 78
49) Dimethylphthalate	9.70	163	500973	18.06	ng	98
56) 2,4-Dinitrotoluene	9.99	165	46943	6.18	ng	# 22
66) 4-Bromophenyl-phenylether	10.78	248	33724	5.11	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.09	149	498197	31.71	ng	# 97

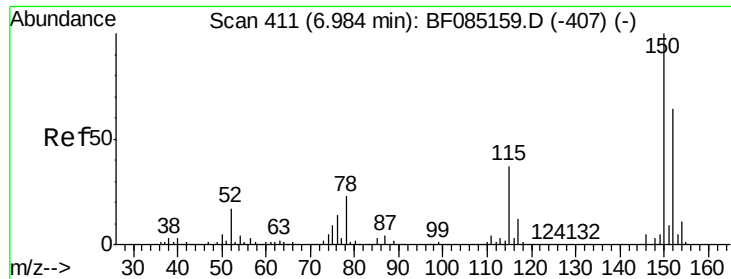
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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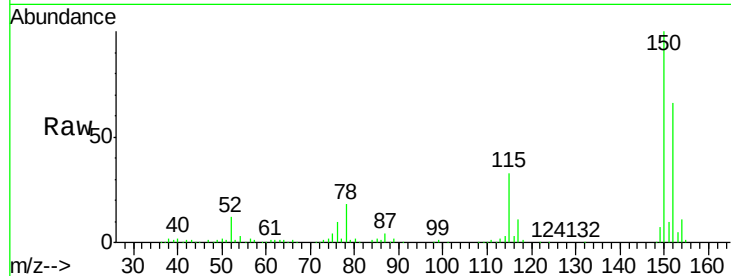




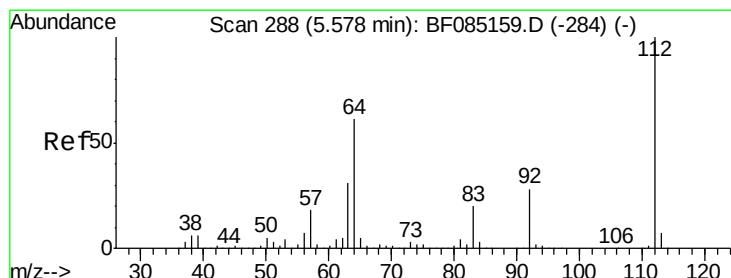
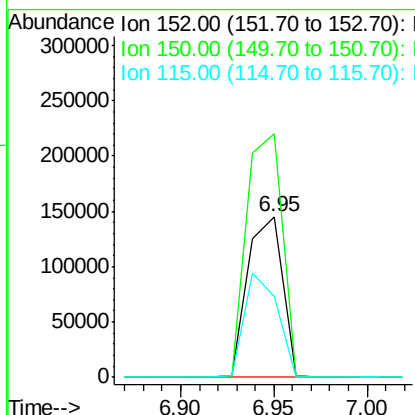
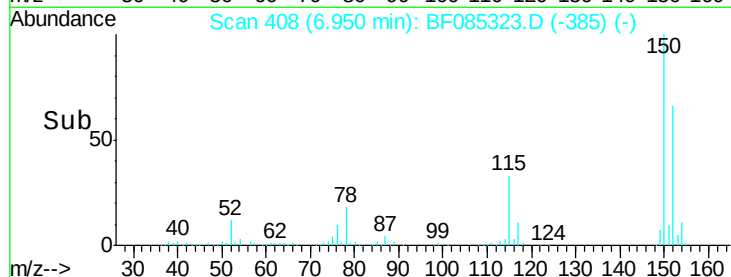
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 408
 Delta R.T. -0.03 min
 Lab File: BF085323.D
 Acq: 10 Mar 2016 2:49

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-29(0.5-3.0)

Tgt Ion:152 Resp: 187166
 Ion Ratio Lower Upper
 152 100
 150 151.6 124.6 186.8
 115 50.4 46.6 70.0

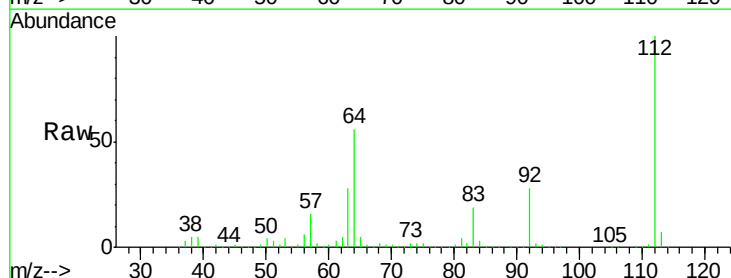


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

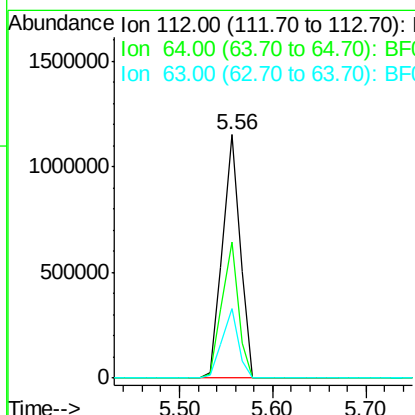
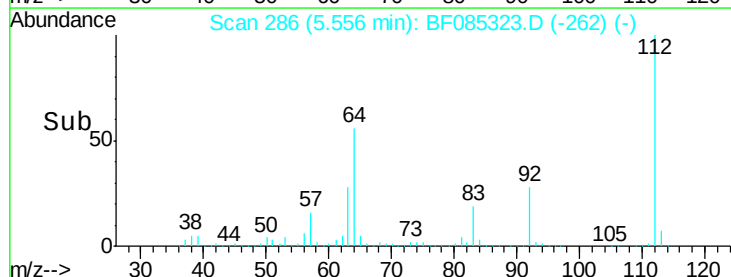


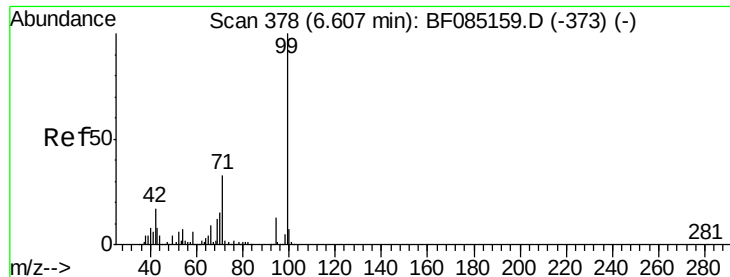
#5
 2-Fluorophenol
 Concen: 136.38 ng
 RT: 5.56 min Scan# 286
 Delta R.T. -0.02 min
 Lab File: BF085323.D
 Acq: 10 Mar 2016 2:49

Tgt Ion:112 Resp: 1521726
 Ion Ratio Lower Upper
 112 100
 64 56.1 49.0 73.4
 63 28.3 24.8 37.2



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: 150.67 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085323.D

Acq: 10 Mar 2016 2:49

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-29(0.5-3.0)

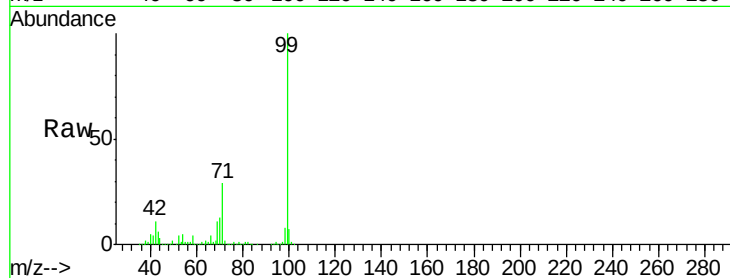
Tgt Ion: 99 Resp: 2202631

Ion Ratio Lower Upper

99 100

42 11.3 13.6 20.4#

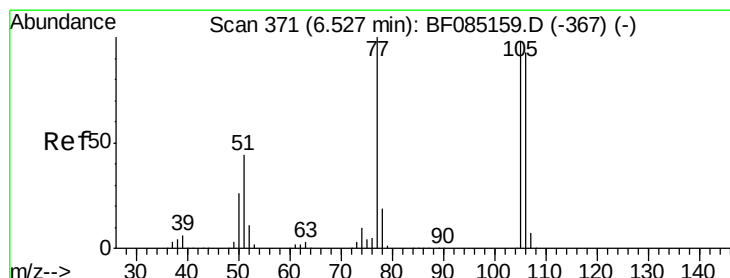
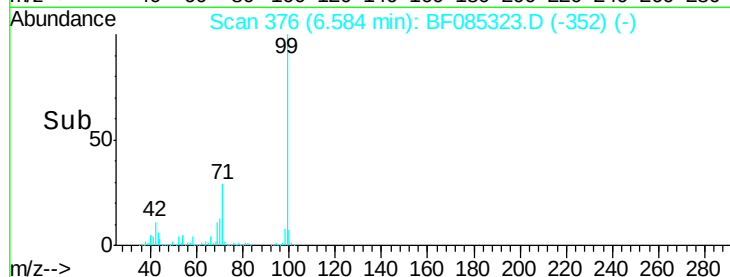
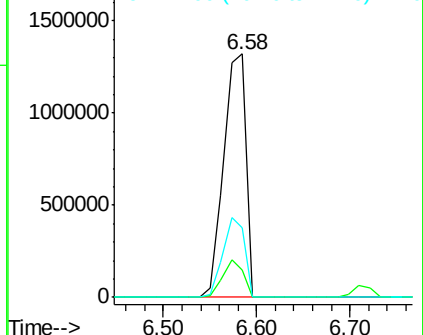
71 28.8 26.7 40.1



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: 2.50 ng

RT: 6.71 min Scan# 387

Delta R.T. 0.18 min

Lab File: BF085323.D

Acq: 10 Mar 2016 2:49

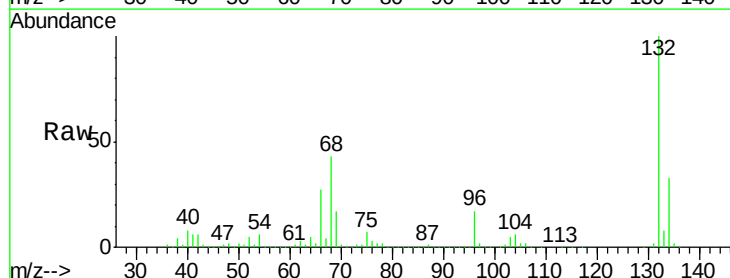
Tgt Ion: 77 Resp: 36945

Ion Ratio Lower Upper

77 100

105 79.6 78.2 118.2

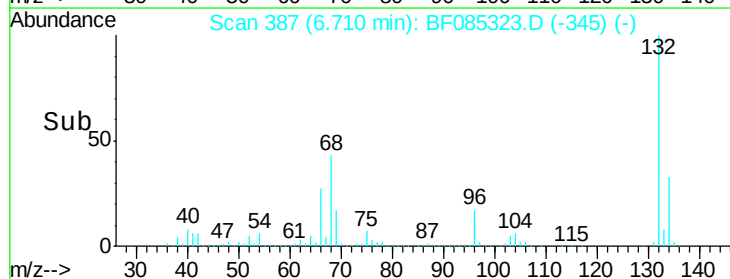
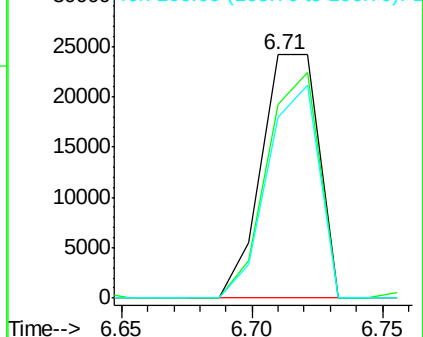
106 74.5 72.9 112.9

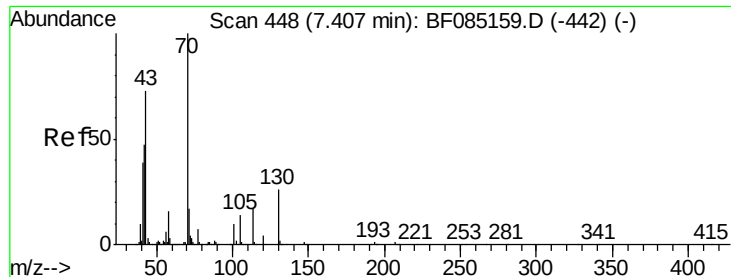


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

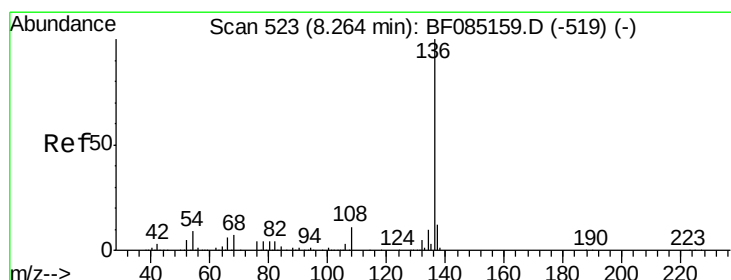
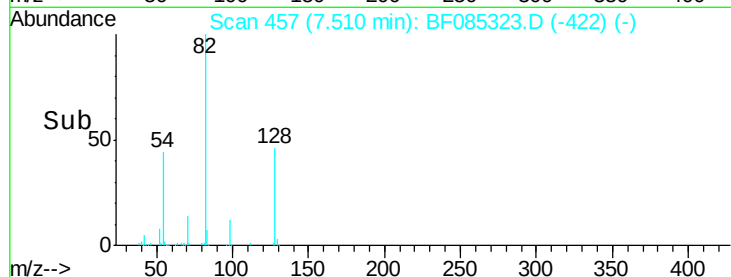
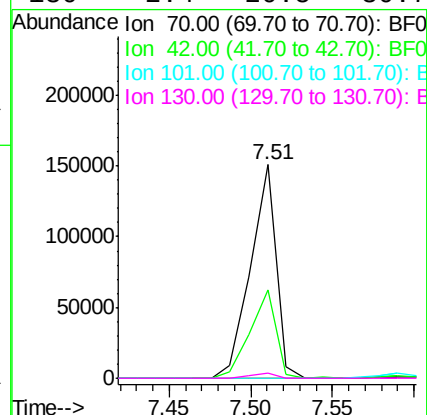
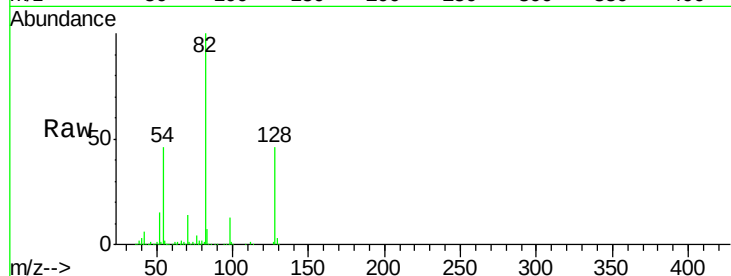




#19
n-Nitroso-di-n-propylamine
Concen: 17.29 ng
RT: 7.51 min Scan# 457
Delta R.T. 0.10 min
Lab File: BF085323.D
Acq: 10 Mar 2016 2:49

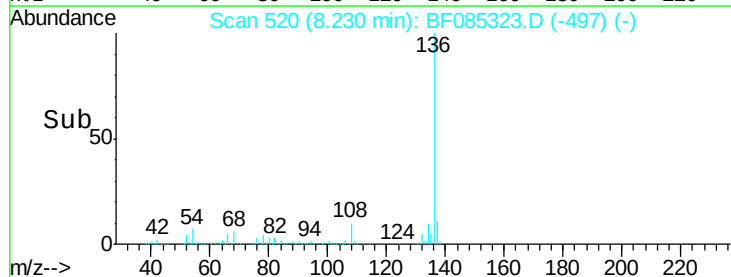
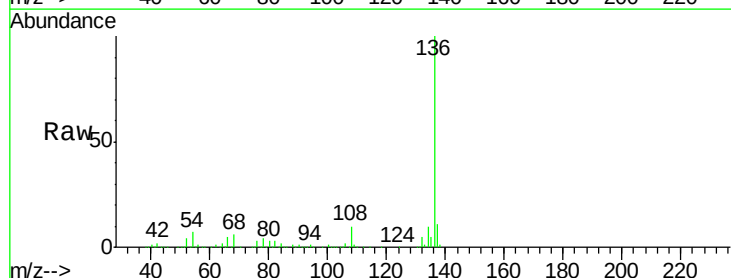
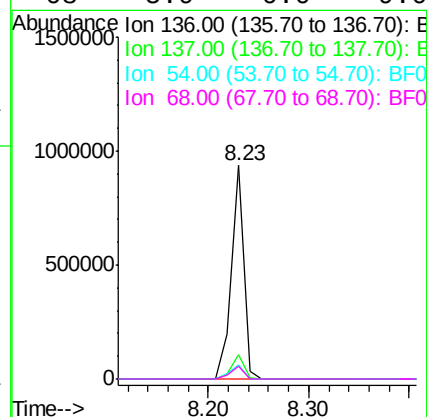
Instrument :
BNA_F
ClientSampleId :
W170TH-SB-29(0.5-3.0)

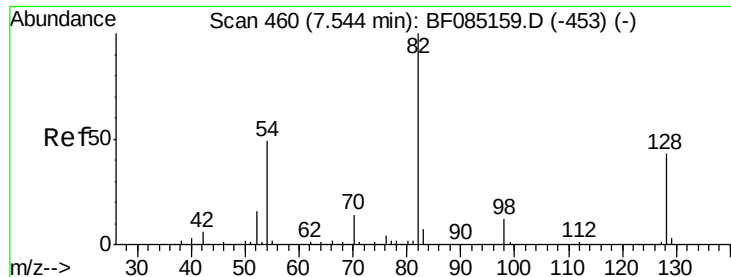
Tgt Ion	Ratio	Lower	Upper
70	100		
42	41.6	37.7	56.5
101	0.0	8.2	12.4#
130	2.4	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF085323.D
Acq: 10 Mar 2016 2:49

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	6.8	7.4	11.2#
68	5.9	6.0	9.0#

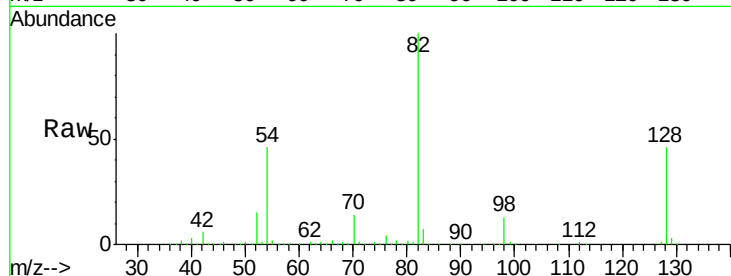




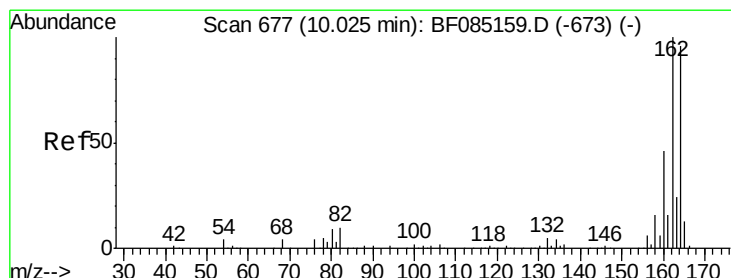
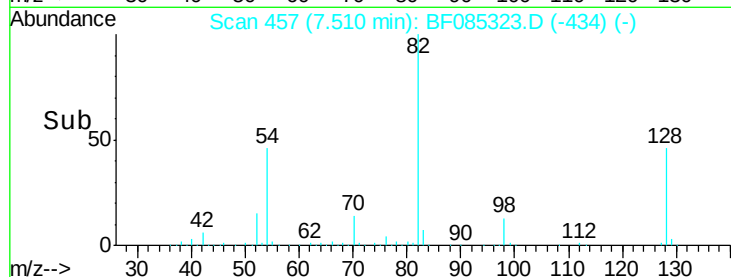
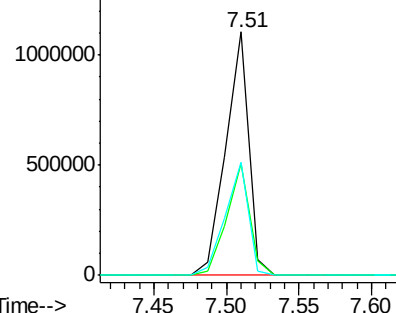
#23
 Nitrobenzene-d5
 Concen: 81.07 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF085323.D
 Acq: 10 Mar 2016 2:49

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-29(0.5-3.0)

Tgt Ion: 82 Resp: 1220719
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.5 51.7
 54 46.3 39.3 58.9

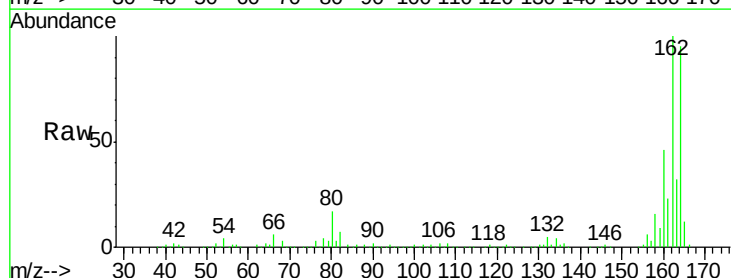


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

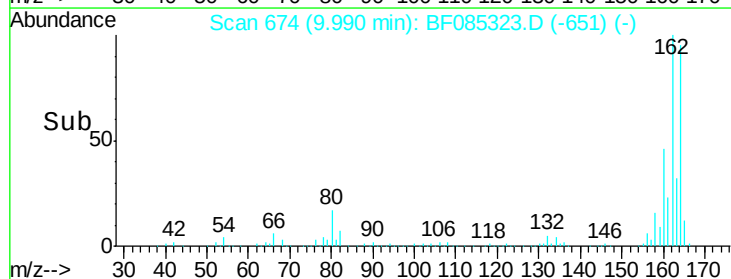
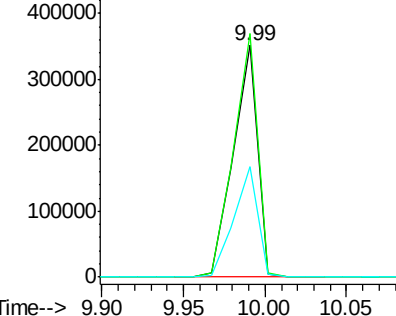


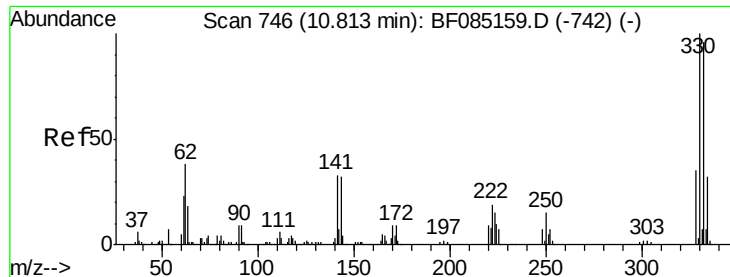
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF085323.D
 Acq: 10 Mar 2016 2:49

Tgt Ion: 164 Resp: 361477
 Ion Ratio Lower Upper
 164 100
 162 104.9 83.3 124.9
 160 47.8 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

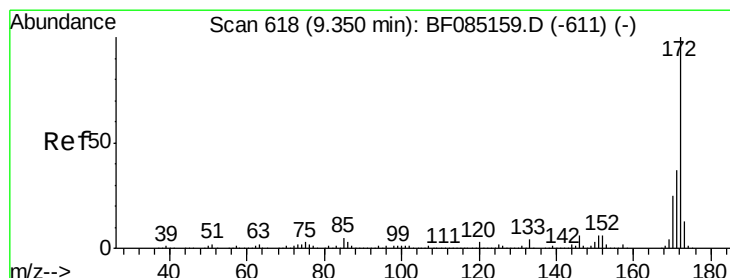
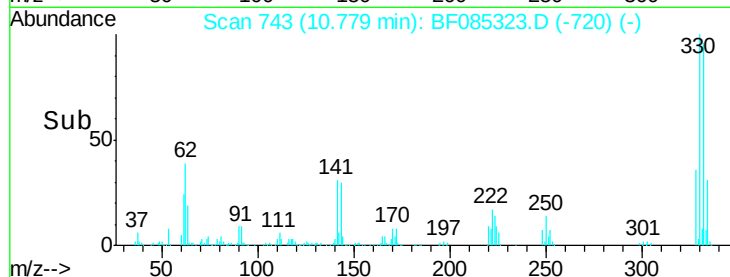
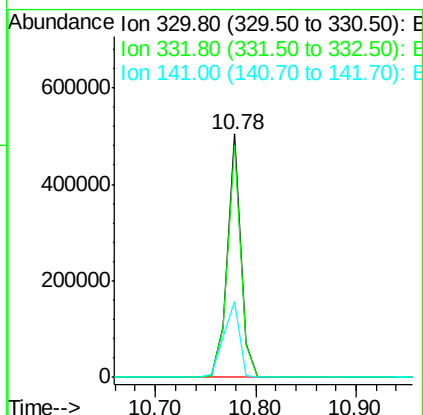
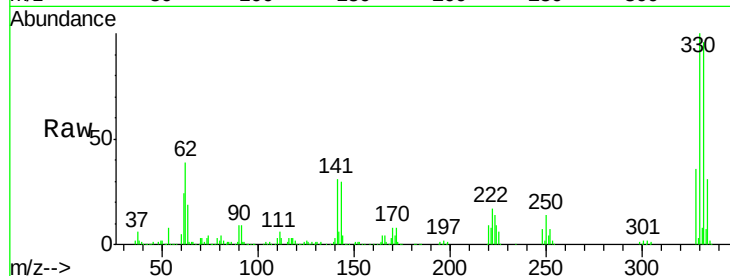




#41
 2,4,6-Tribromophenol
 Concen: 152.09 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.03 min
 Lab File: BF085323.D
 Acq: 10 Mar 2016 2:49

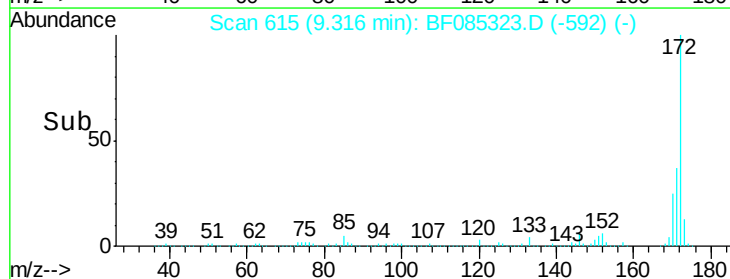
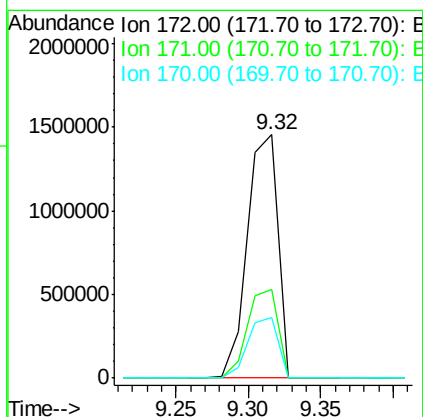
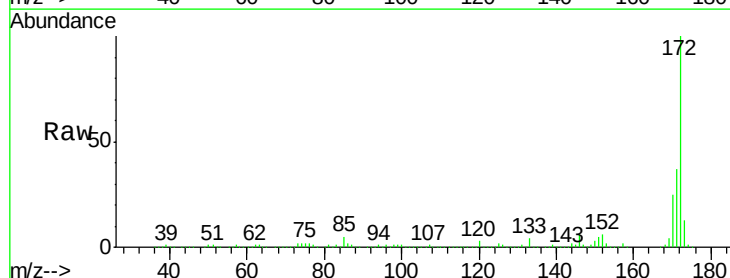
Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-29(0.5-3.0)

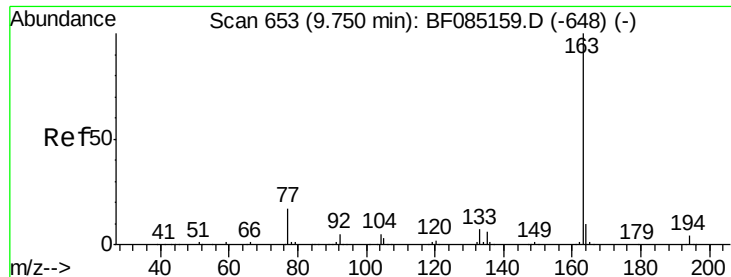
Tgt Ion:330 Resp: 470418
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.1 115.7
 141 37.0 35.0 52.6



#44
 2-Fluorobiphenyl
 Concen: 89.57 ng
 RT: 9.32 min Scan# 615
 Delta R.T. -0.03 min
 Lab File: BF085323.D
 Acq: 10 Mar 2016 2:49

Tgt Ion:172 Resp: 2129003
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.3 43.9
 170 24.8 20.0 30.0





#49

Dimethylphthalate

Concen: 18.06 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.05 min

Lab File: BF085323.D

Acq: 10 Mar 2016 2:49

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-29(0.5-3.0)

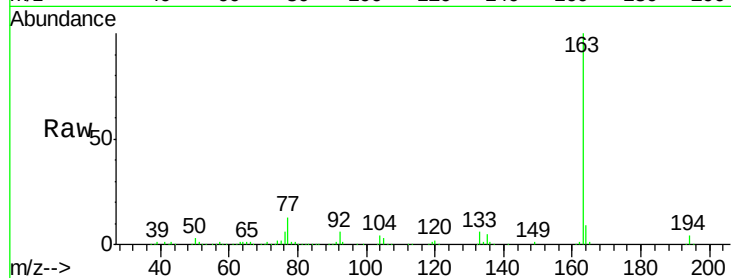
Tgt Ion:163 Resp: 500973

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

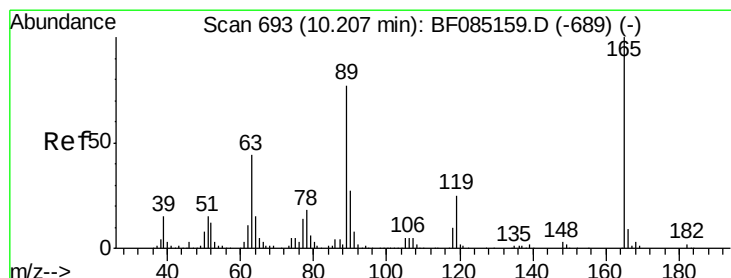
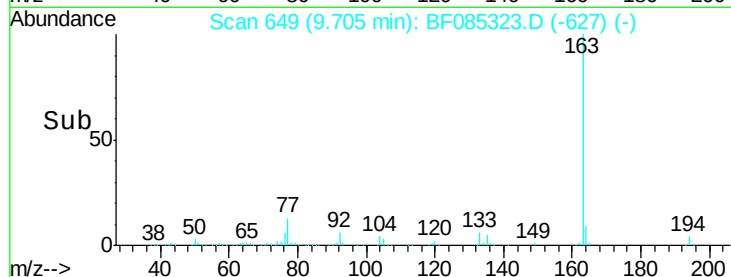
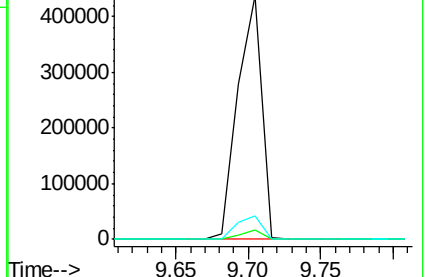
164 9.5 8.2 12.4



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: 6.18 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.22 min

Lab File: BF085323.D

Acq: 10 Mar 2016 2:49

Tgt Ion:165 Resp: 46943

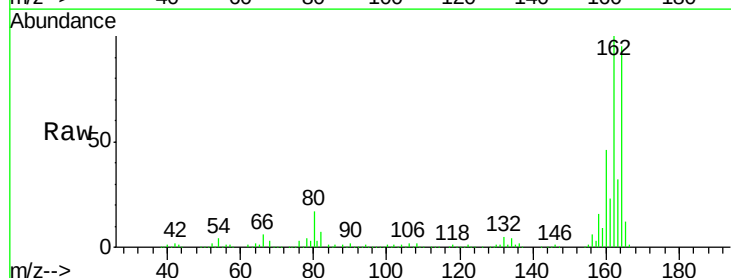
Ion Ratio Lower Upper

165 100

63 1.3 35.4 53.0#

89 1.8 61.9 92.9#

182 0.0 1.9 2.9#

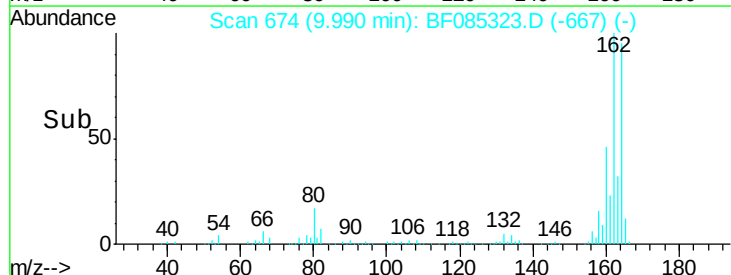
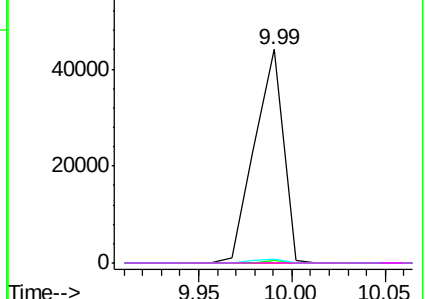


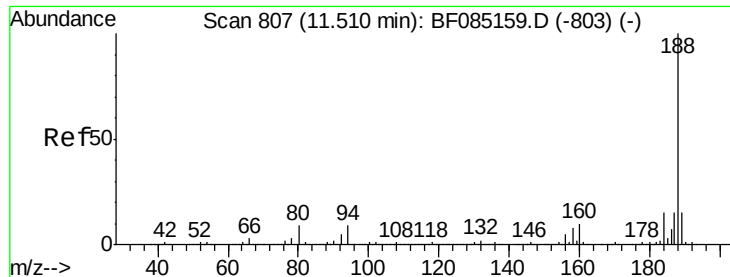
Abundance Ion 165.00 (164.70 to 165.70): E

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

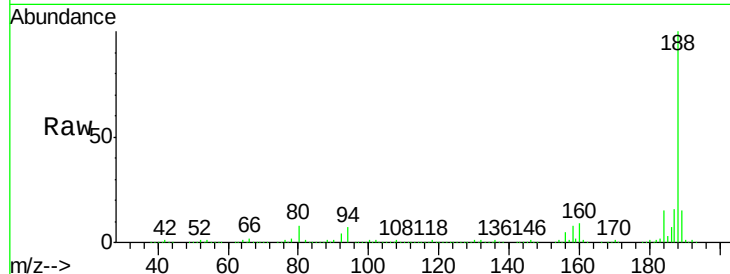




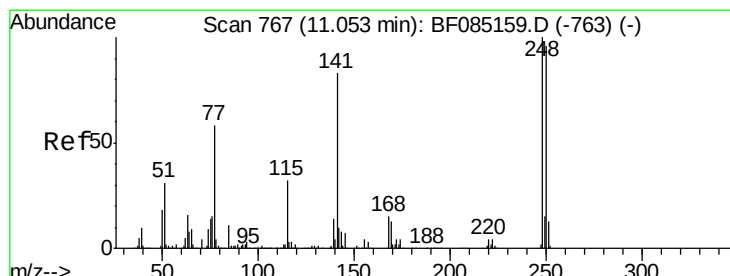
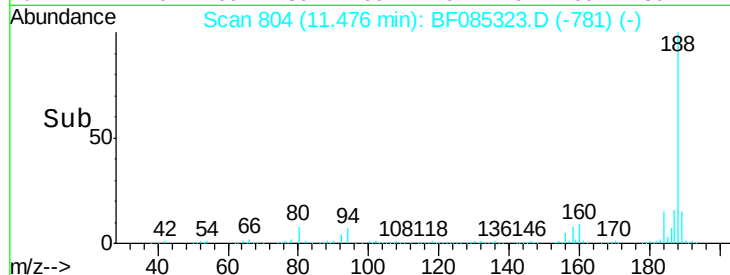
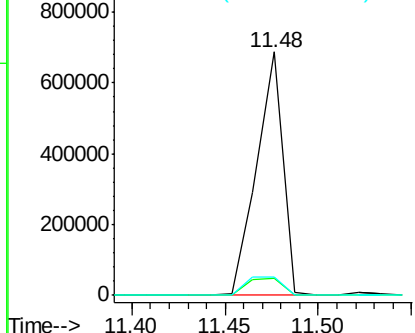
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF085323.D
Acq: 10 Mar 2016 2:49

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-29(0.5-3.0)

Tgt Ion:188 Resp: 680113
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.6
80 7.6 7.4 11.0

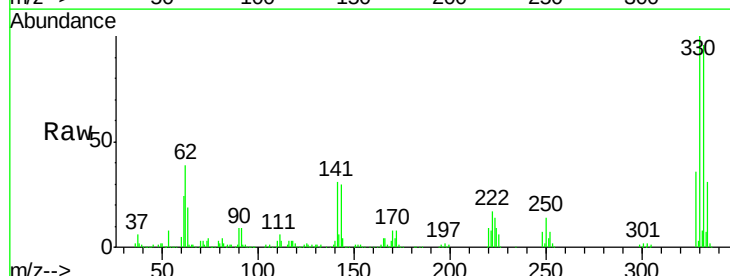


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

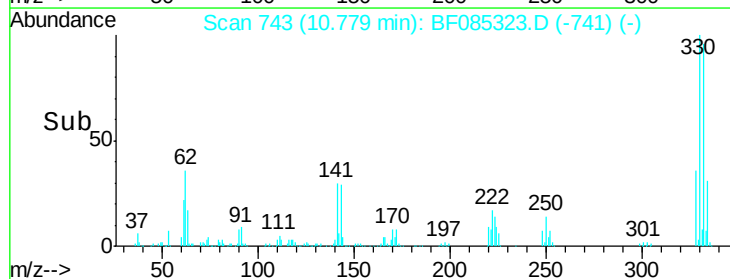
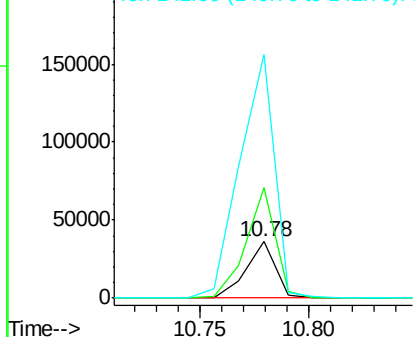


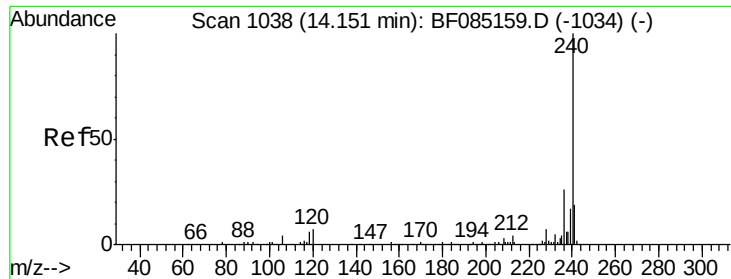
#66
4-Bromophenyl-phenylether
Concen: 5.11 ng
RT: 10.78 min Scan# 743
Delta R.T. -0.27 min
Lab File: BF085323.D
Acq: 10 Mar 2016 2:49

Tgt Ion:248 Resp: 33724
Ion Ratio Lower Upper
248 100
250 196.0 77.1 115.7#
141 430.6 66.2 99.2#



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

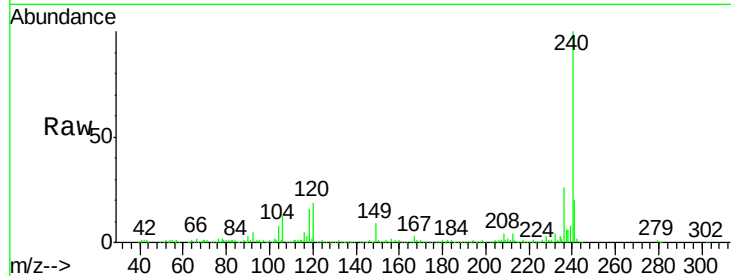




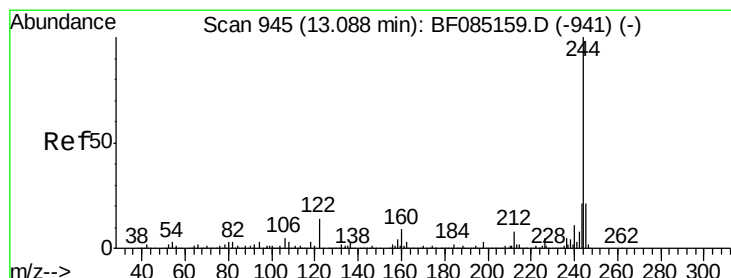
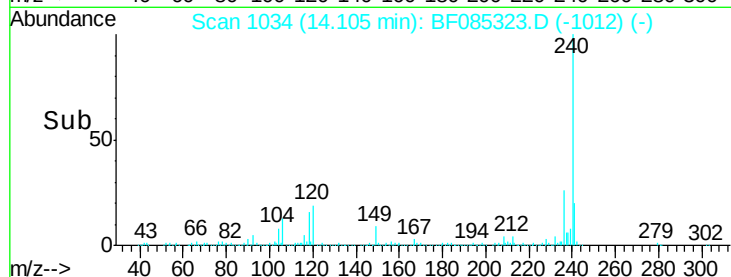
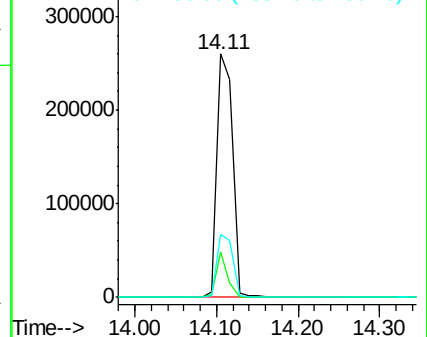
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF085323.D
Acq: 10 Mar 2016 2:49

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-29(0.5-3.0)

Tgt Ion:240 Resp: 349535
Ion Ratio Lower Upper
240 100
120 18.5 5.3 7.9#
236 26.1 20.7 31.1

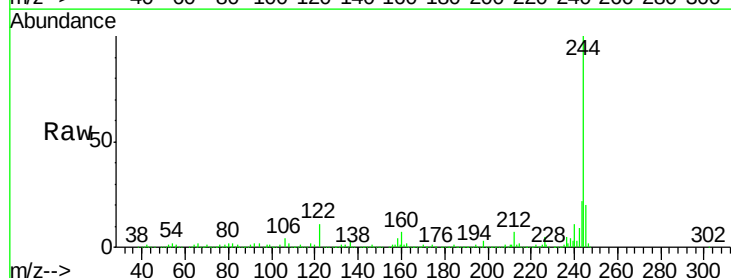


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

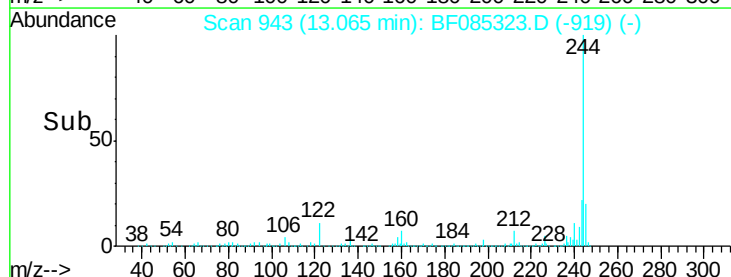
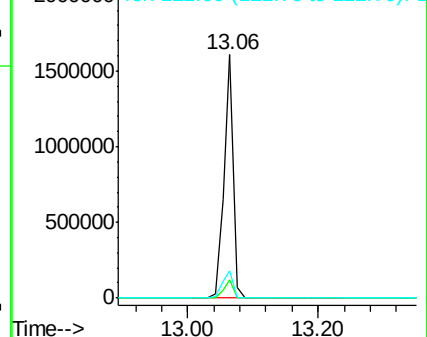


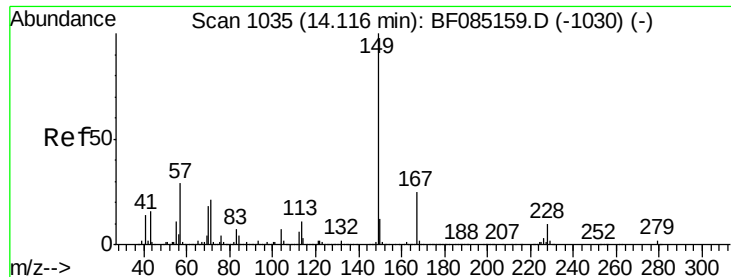
#78
Terphenyl-d14
Concen: 108.24 ng
RT: 13.06 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF085323.D
Acq: 10 Mar 2016 2:49

Tgt Ion:244 Resp: 1629788
Ion Ratio Lower Upper
244 100
212 7.3 6.4 9.6
122 11.1 11.4 17.2#



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.71 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF085323.D

Acq: 10 Mar 2016 2:49

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-29(0.5-3.0)

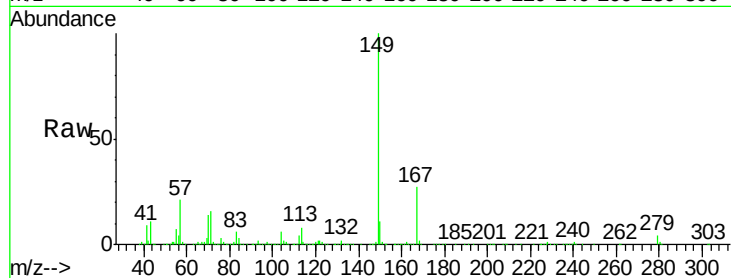
Tgt Ion:149 Resp: 498197

Ion Ratio Lower Upper

149 100

167 26.9 20.3 30.5

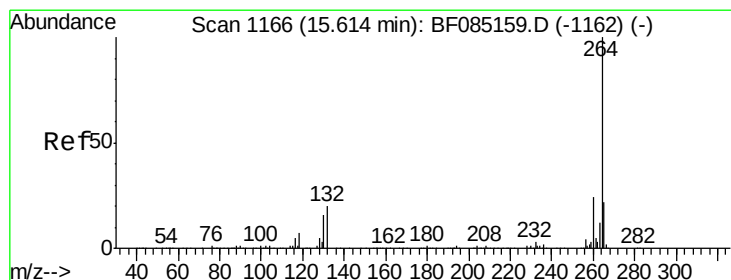
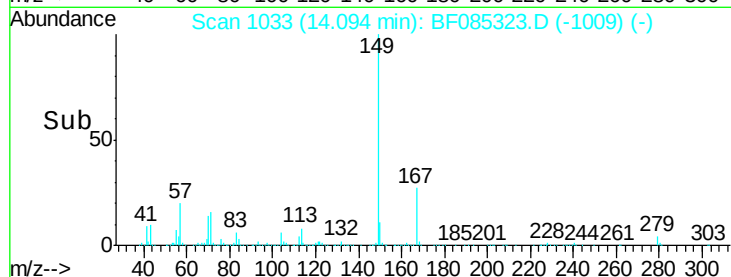
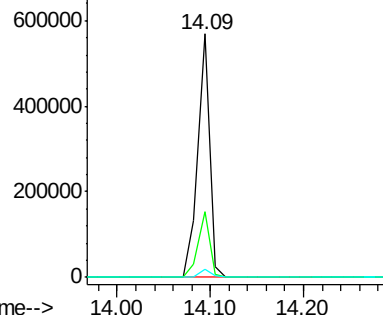
279 3.6 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.57 min Scan# 1162

Delta R.T. -0.05 min

Lab File: BF085323.D

Acq: 10 Mar 2016 2:49

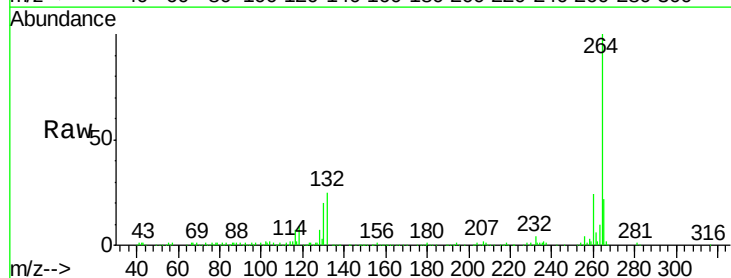
Tgt Ion:264 Resp: 279835

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.9 17.3 25.9



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

