

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032816\
 Data File : BF085838.D
 Acq On : 29 Mar 2016 8:28
 Operator : UM/SJ
 Sample : H1905-09
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 11:10:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

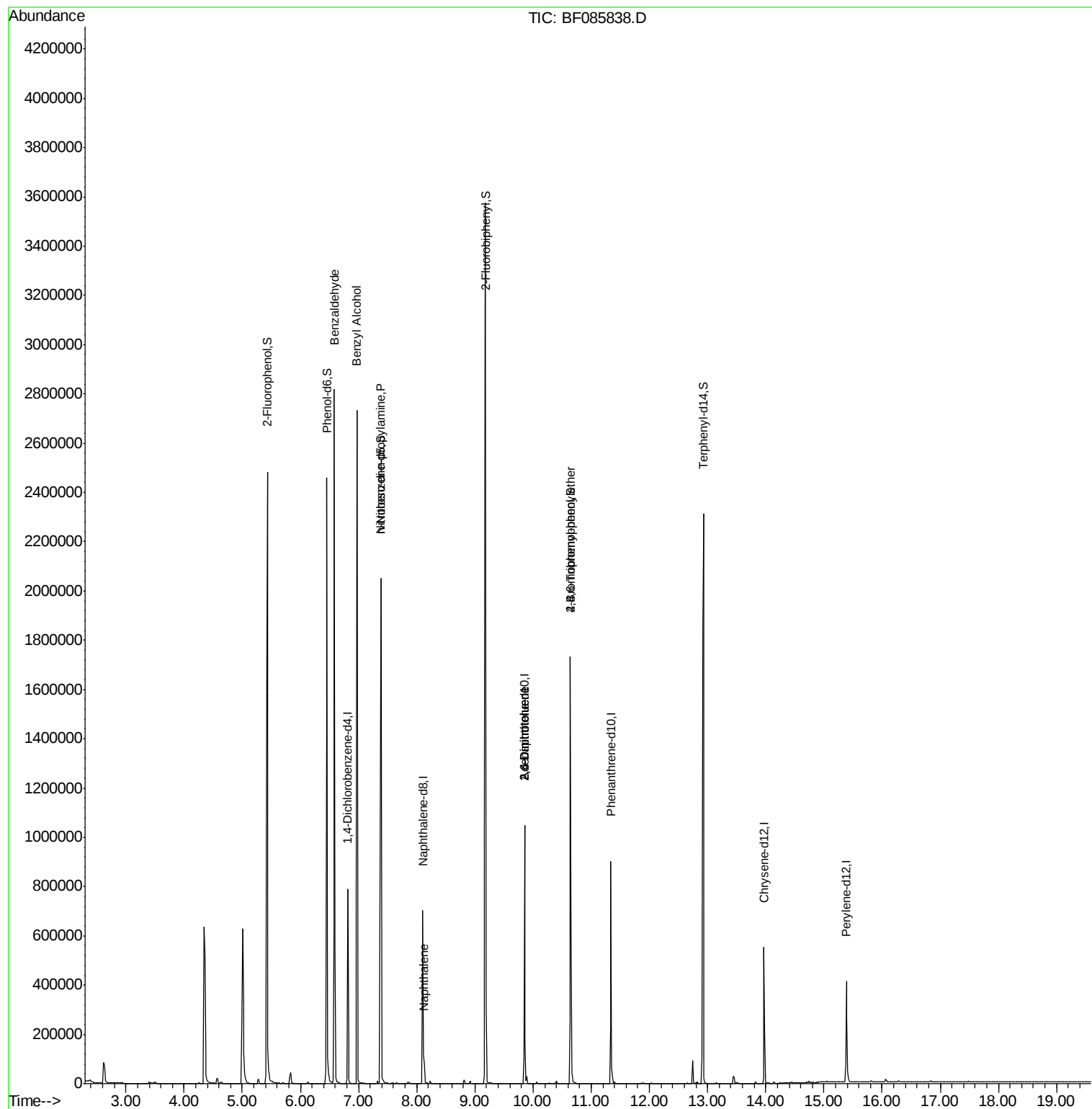
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	115931	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	443375	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	199178	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	337025	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	203615	20.00	ng	-0.01
86) Perylene-d12	15.39	264	198423	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	934899	134.30	ng	0.02
7) Phenol-d6	6.46	99	1113246	125.78	ng	0.00
23) Nitrobenzene-d5	7.38	82	776846	98.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	246892	130.46	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1158643	97.19	ng	-0.01
78) Terphenyl-d14	12.93	244	1006006	101.61	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	18159	3.41	ng	Qvalue 85
15) Benzyl Alcohol	6.97	79	12326	2.09	ng	# 46
19) n-Nitroso-di-n-propylamine	7.38	70	102225	19.29	ng	# 77
31) Naphthalene	8.12	128	60753	2.72	ng	99
37) 2-Methylnaphthalene	8.81	142	6740	Below	Cal	95
50) 2,6-Dinitrotoluene	9.85	165	25594	7.87	ng	# 19
56) 2,4-Dinitrotoluene	9.85	165	25594	6.19	ng	# 37
66) 4-Bromophenyl-phenylether	10.64	248	15991	4.64	ng	# 1

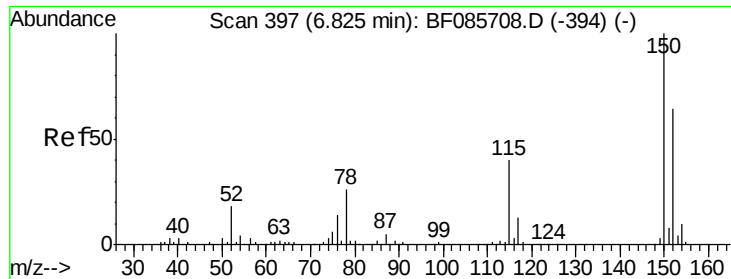
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085838.D

Acq: 29 Mar 2016 8:28

Instrument :

BNA_F

ClientSampleId :

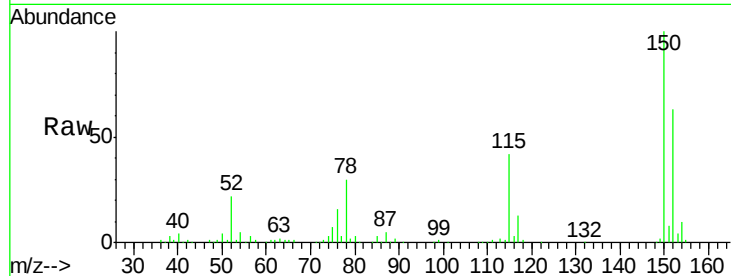
Tot Ion:152 Resp: 115931

Ion Ratio Lower Upper

152 100

150 158.3 124.2 186.2

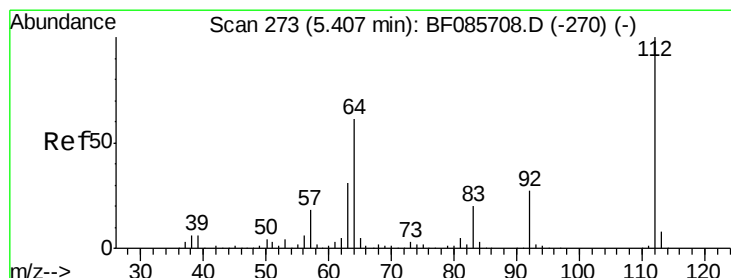
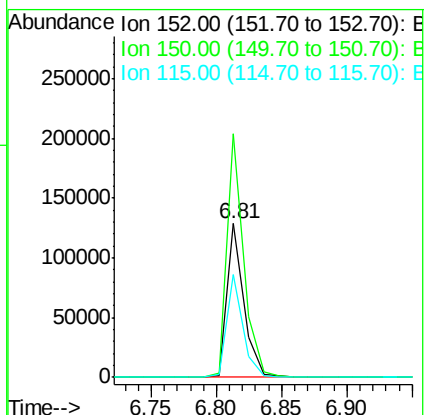
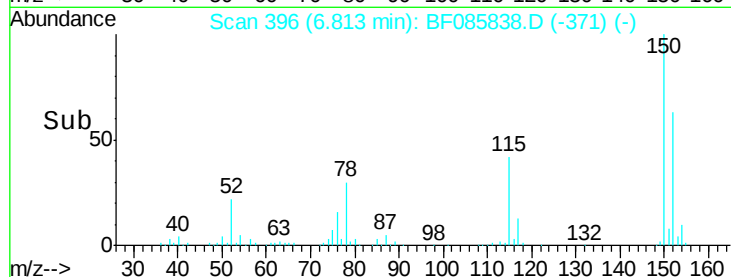
115 66.8 47.0 70.6



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: 134.30 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085838.D

Acq: 29 Mar 2016 8:28

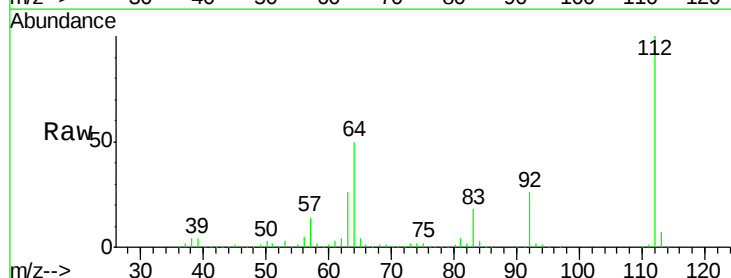
Tgt Ion:112 Resp: 934899

Ion Ratio Lower Upper

112 100

64 50.0 39.9 59.9

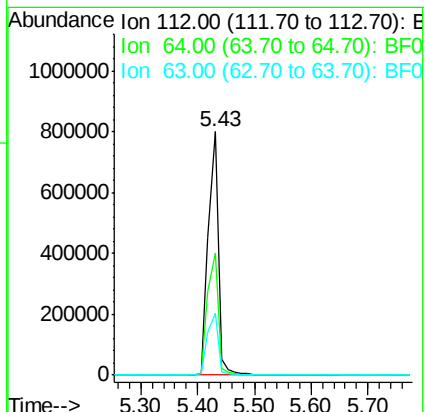
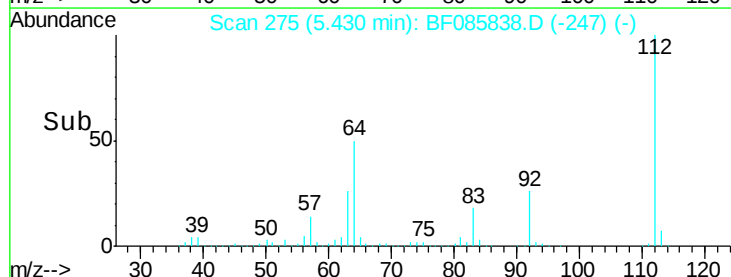
63 25.6 20.2 30.2

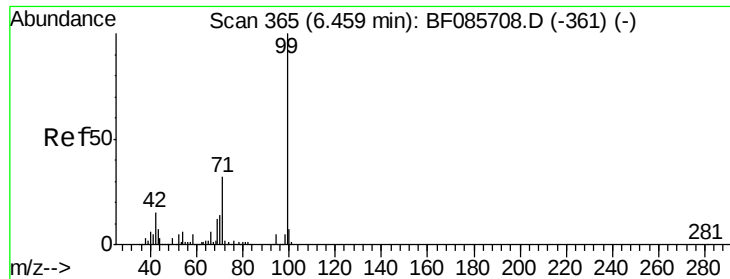


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.78 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085838.D

Acq: 29 Mar 2016 8:28

Instrument :

BNA_F

ClientSampleId :

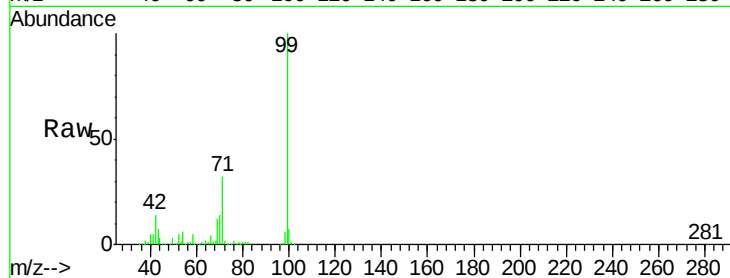
Tot Ion: 99 Resp: 1113246

Ion Ratio Lower Upper

99 100

42 13.9 11.1 16.7

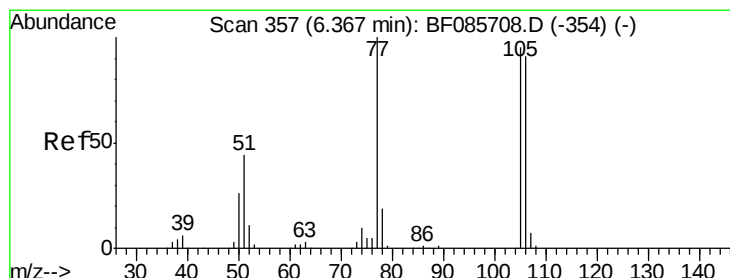
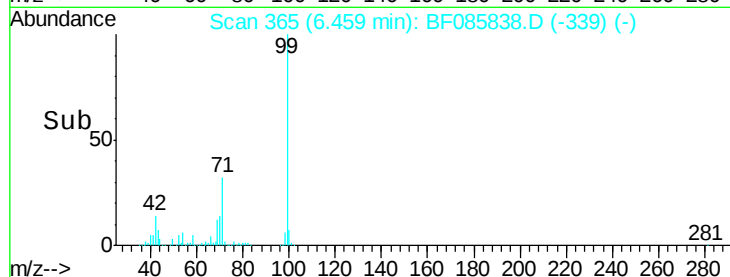
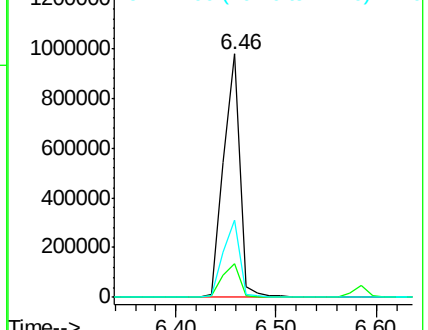
71 31.7 24.9 37.3



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: 3.41 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.22 min

Lab File: BF085838.D

Acq: 29 Mar 2016 8:28

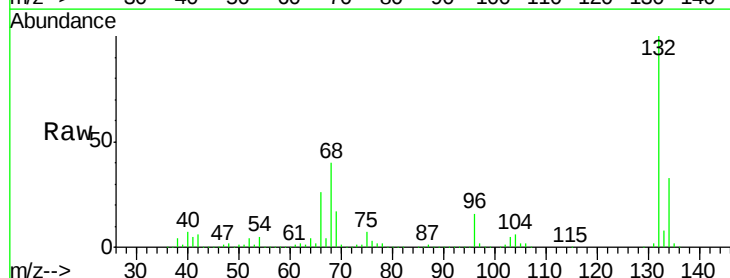
Tgt Ion: 77 Resp: 18159

Ion Ratio Lower Upper

77 100

105 85.0 80.1 120.1

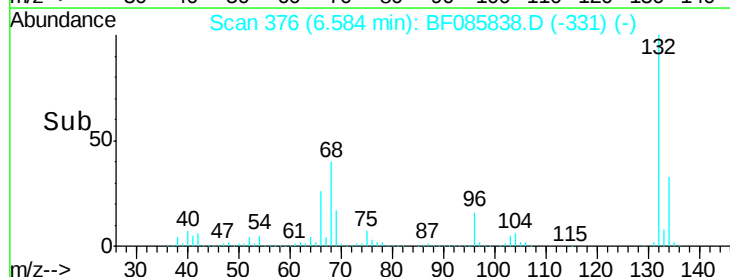
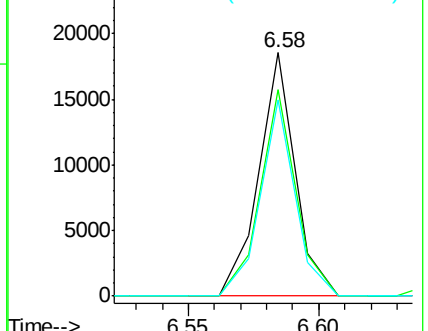
106 80.5 75.0 115.0

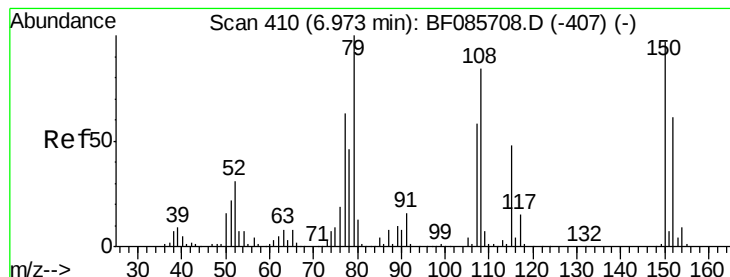


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF085838.D

Acq: 29 Mar 2016 8:28

Instrument :

BNA_F

ClientSampleId :

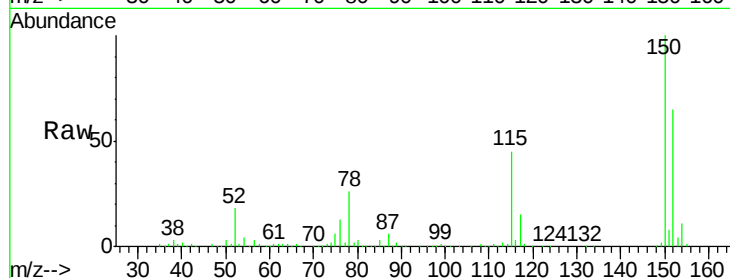
Tot Ion: 79 Resp: 12326

Ion Ratio Lower Upper

79 100

108 34.2 61.8 92.6#

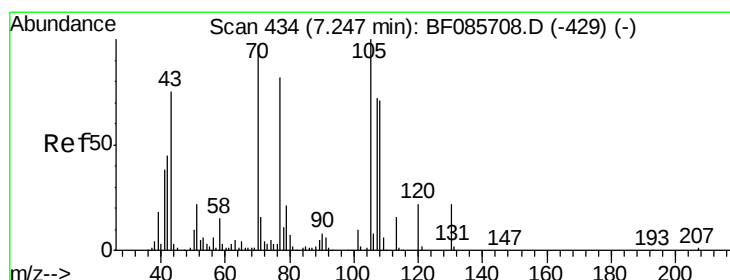
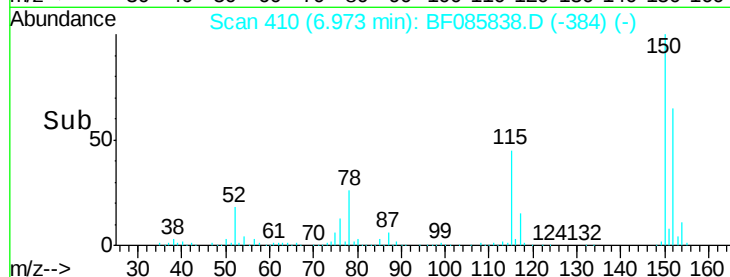
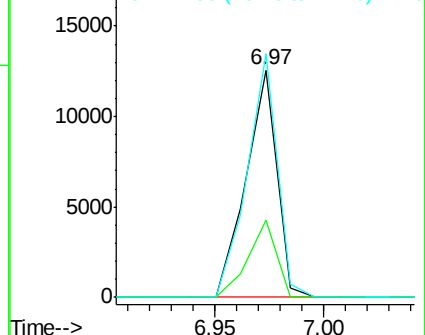
77 107.2 49.6 74.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 19.29 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.14 min

Lab File: BF085838.D

Acq: 29 Mar 2016 8:28

Tgt Ion: 70 Resp: 102225

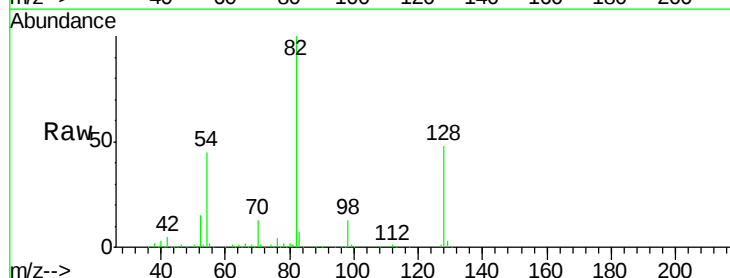
Ion Ratio Lower Upper

70 100

42 39.1 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#

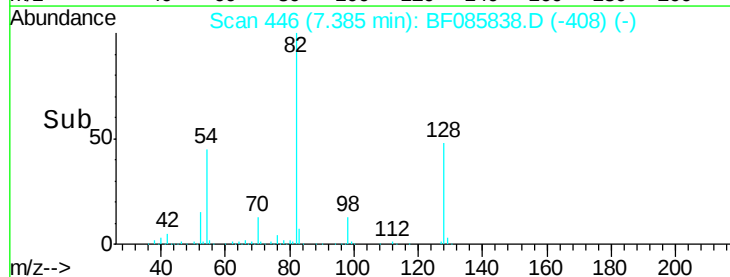
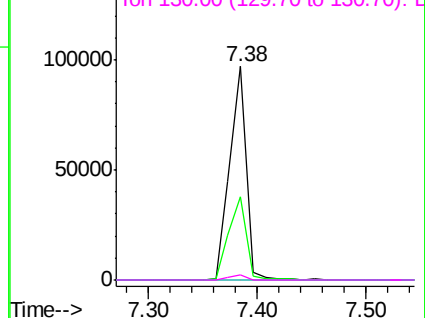


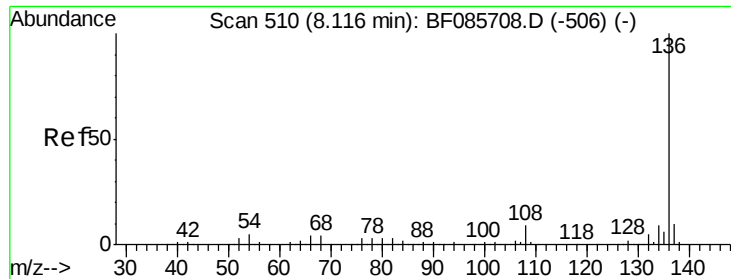
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

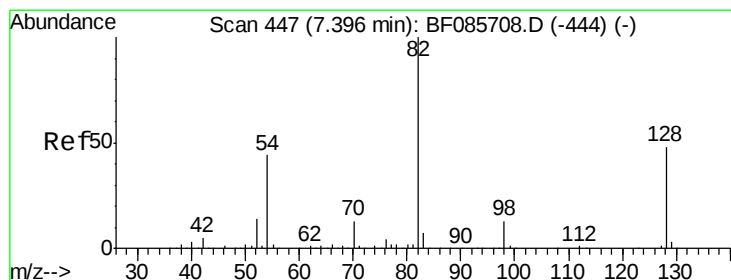
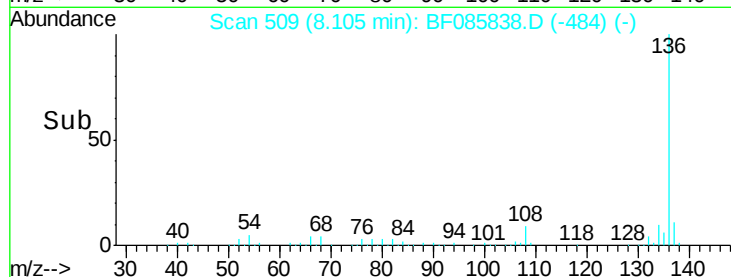
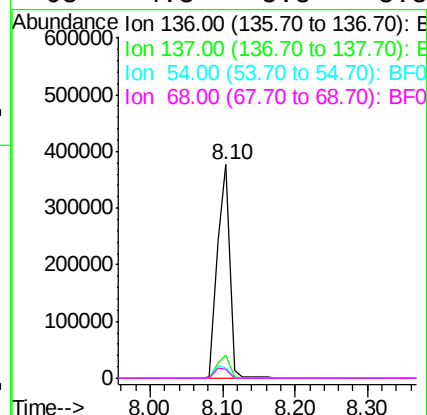
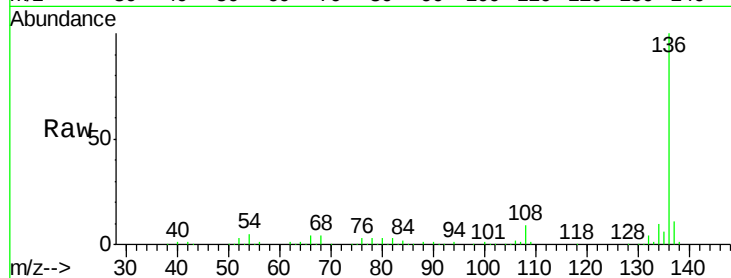




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085838.D
Acq: 29 Mar 2016 8:28

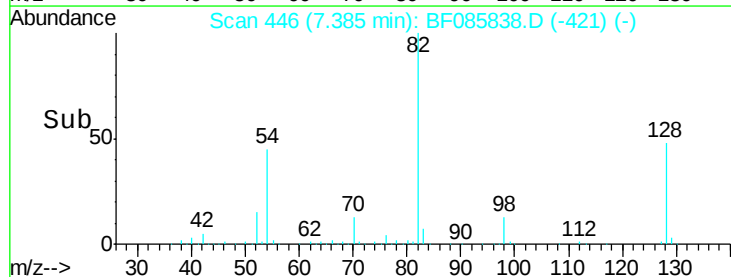
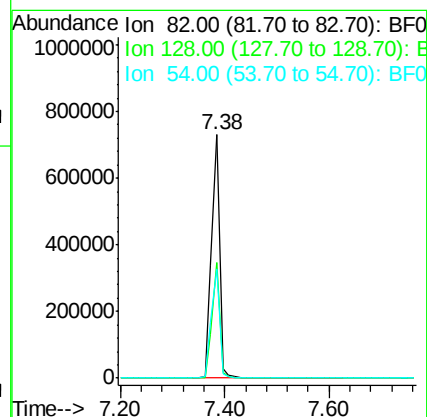
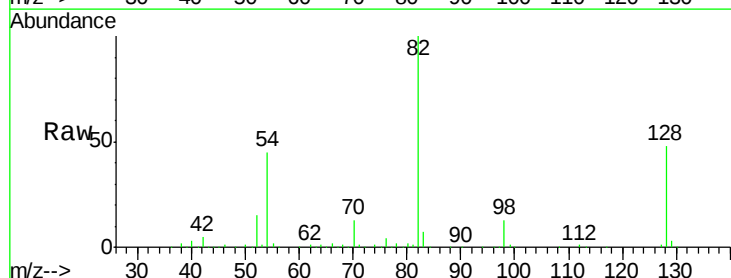
Instrument :
BNA_F
ClientSampleId :

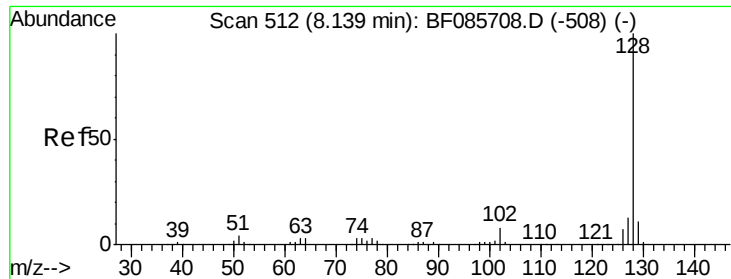
Tot Ion:136	Resp:	443375
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	5.0	7.4 11.0#
68	4.3	5.8 8.8#



#23
Nitrobenzene-d5
Concen: 98.67 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085838.D
Acq: 29 Mar 2016 8:28

Tgt Ion: 82	Resp:	776846
Ion Ratio	Lower	Upper
82	100	
128	47.7	41.8 62.8
54	44.8	33.4 50.0

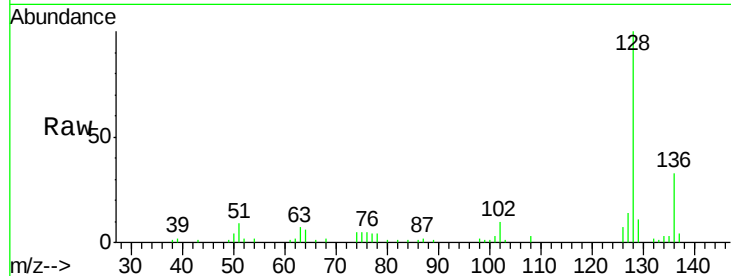




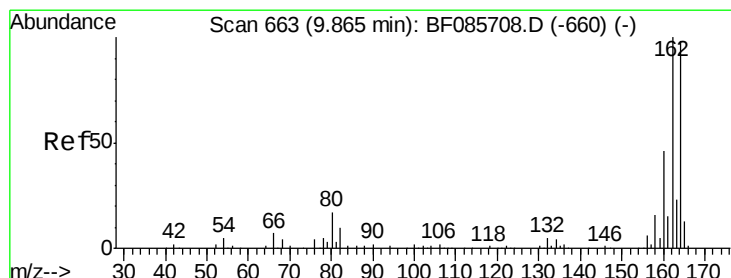
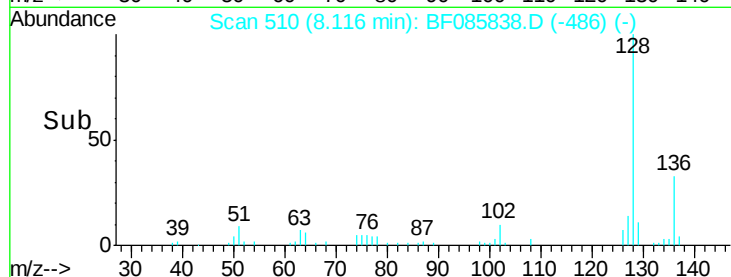
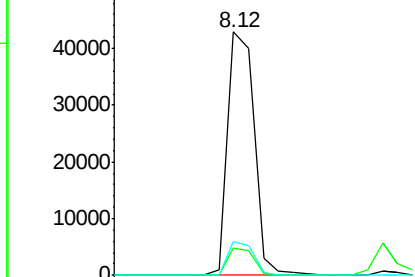
#31
Naphthalene
Concen: 2.72 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085838.D
Acq: 29 Mar 2016 8:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 60753
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 13.6 11.0 16.6

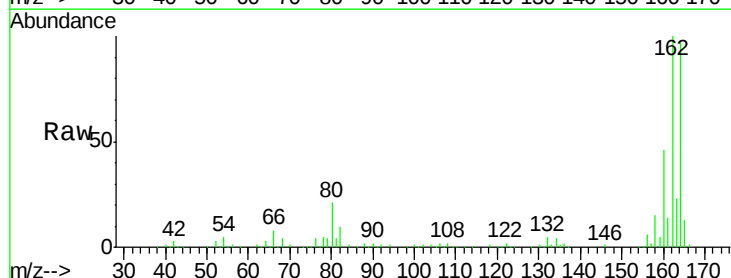


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

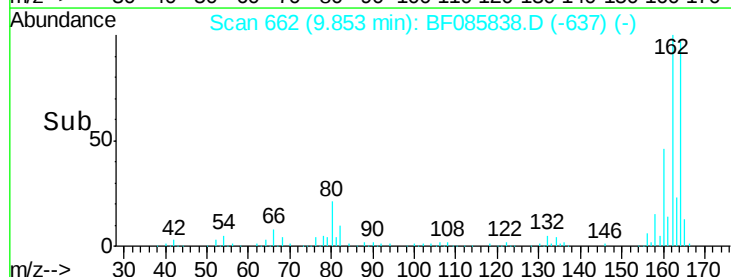
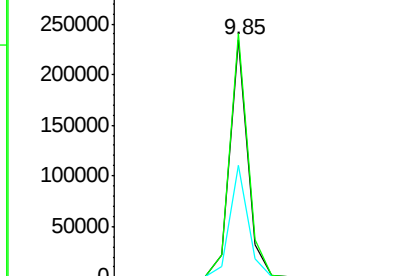


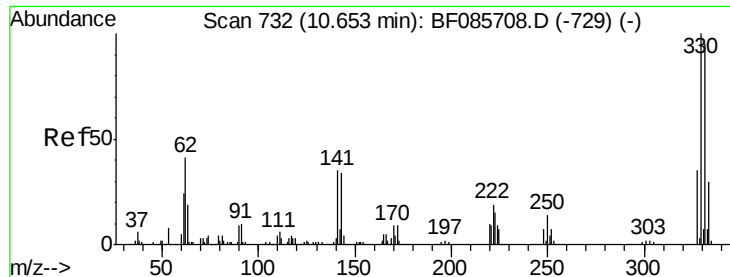
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF085838.D
Acq: 29 Mar 2016 8:28

Tgt Ion:164 Resp: 199178
Ion Ratio Lower Upper
164 100
162 102.6 82.1 123.1
160 47.0 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

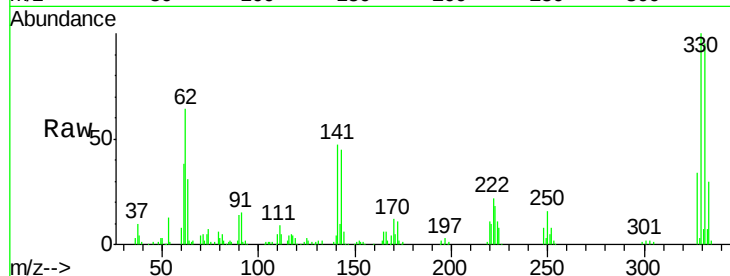




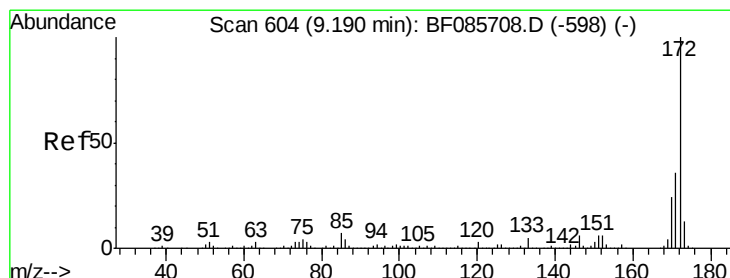
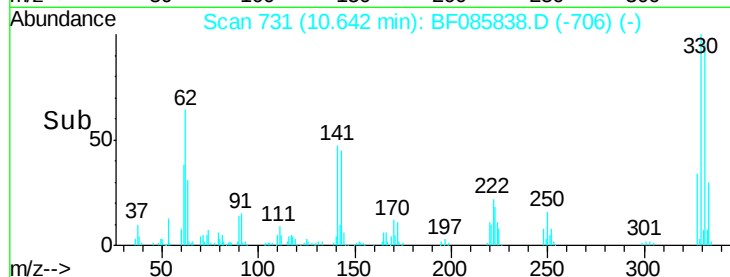
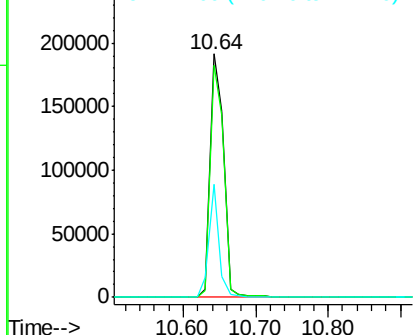
#41
 2,4,6-Tribromophenol
 Concen: 130.46 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085838.D
 Acq: 29 Mar 2016 8:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 246892
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.2 117.2
 141 35.0 31.5 47.3

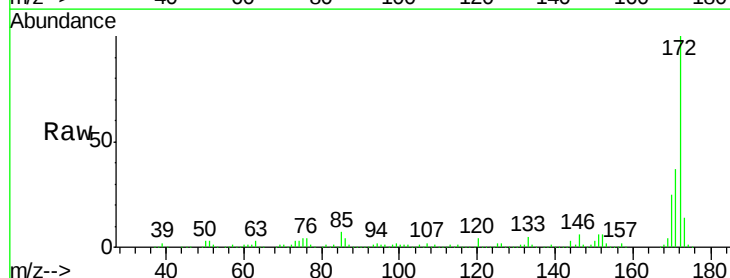


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

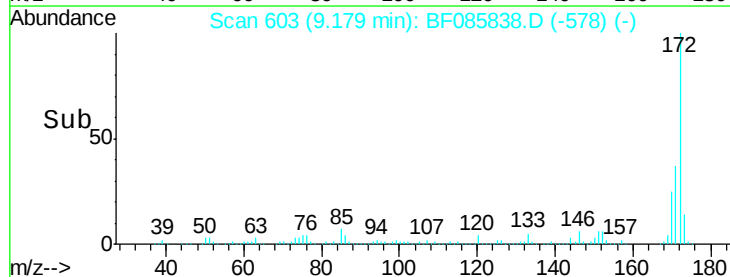
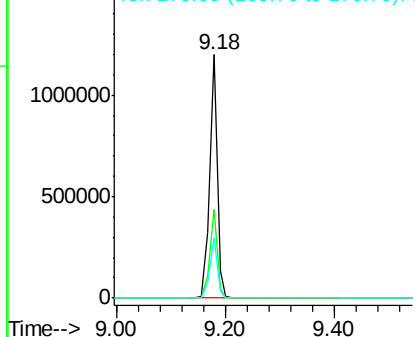


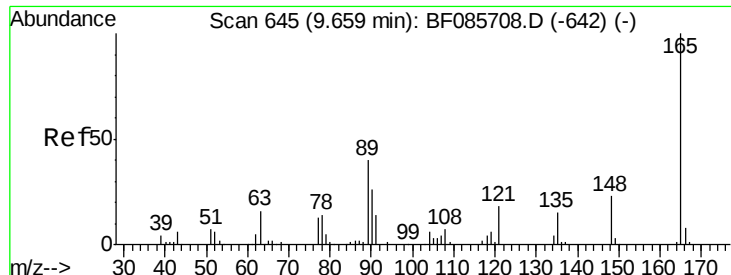
#44
 2-Fluorobiphenyl
 Concen: 97.19 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085838.D
 Acq: 29 Mar 2016 8:28

Tgt Ion:172 Resp: 1158643
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.8 19.8 29.6



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

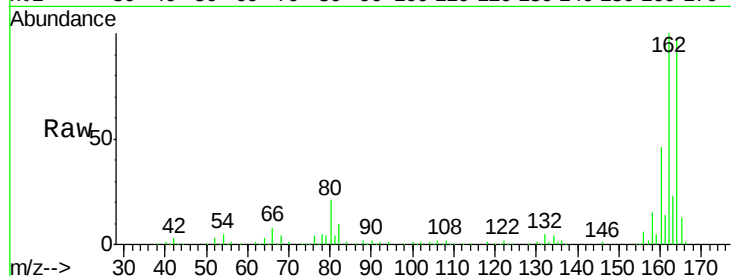




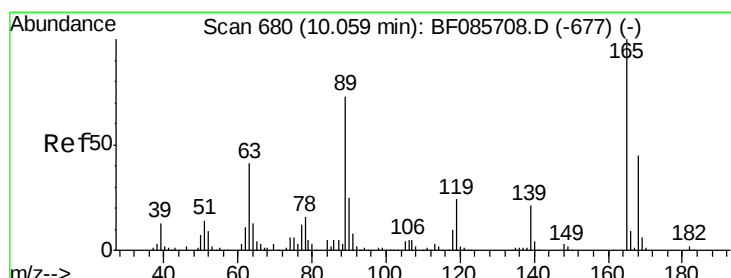
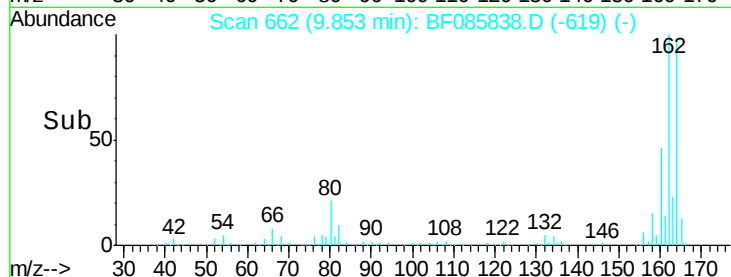
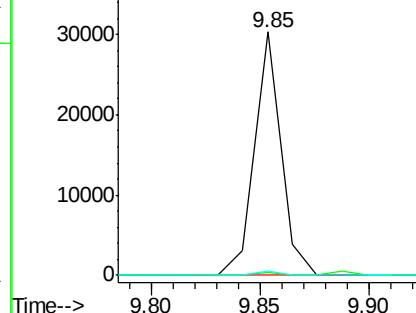
#50
 2,6-Dinitrotoluene
 Concen: 7.87 ng
 RT: 9.85 min Scan# 662
 Delta R.T. 0.19 min
 Lab File: BF085838.D
 Acq: 29 Mar 2016 8:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	51.8	77.8#
89	1.7	53.7	80.5#



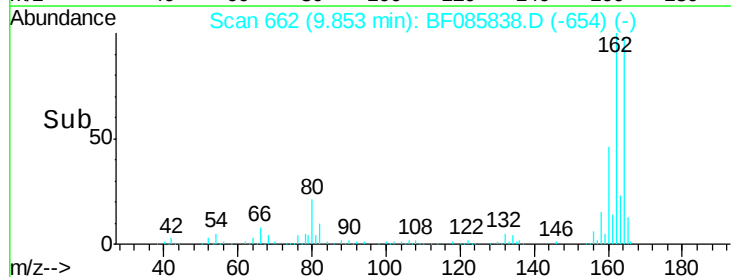
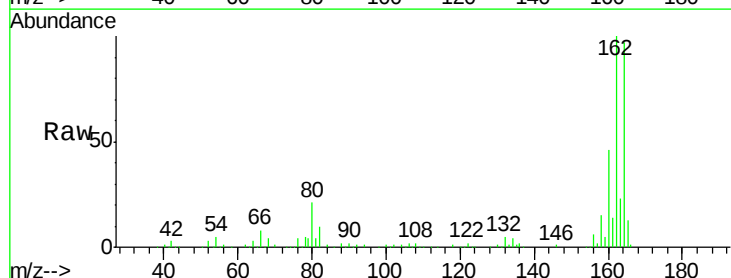
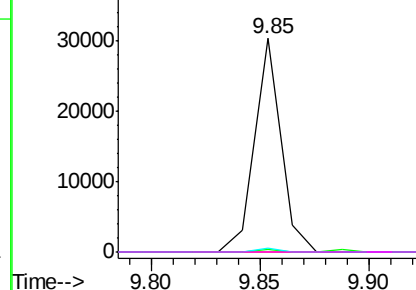
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

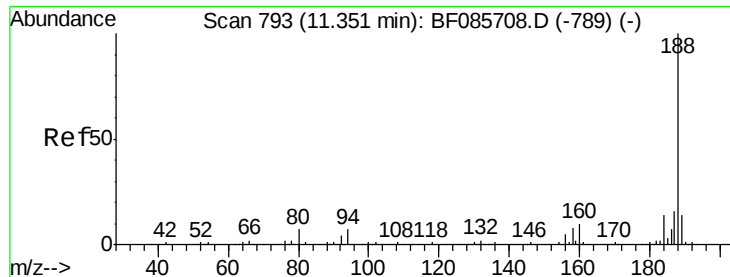


#56
 2,4-Dinitrotoluene
 Concen: 6.19 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.21 min
 Lab File: BF085838.D
 Acq: 29 Mar 2016 8:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	24.9	37.3#
89	1.7	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

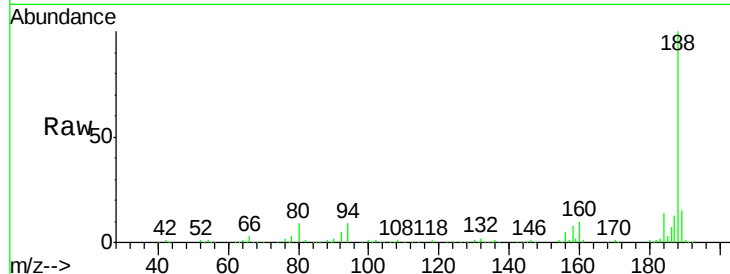




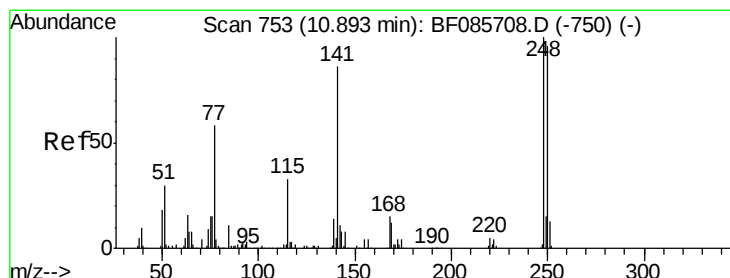
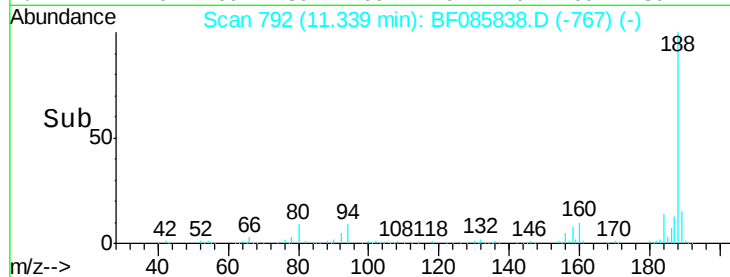
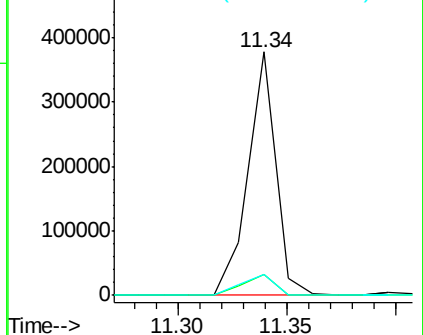
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085838.D
 Acq: 29 Mar 2016 8:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	5.4	8.0#
80	8.6	5.5	8.3#

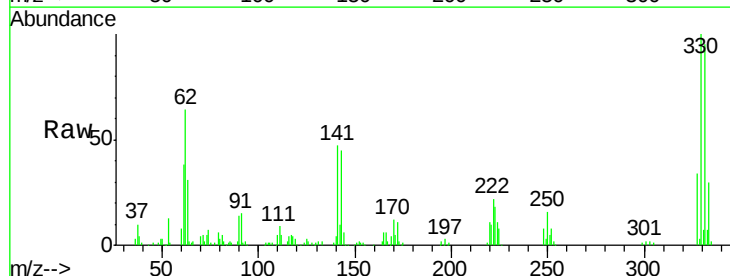


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

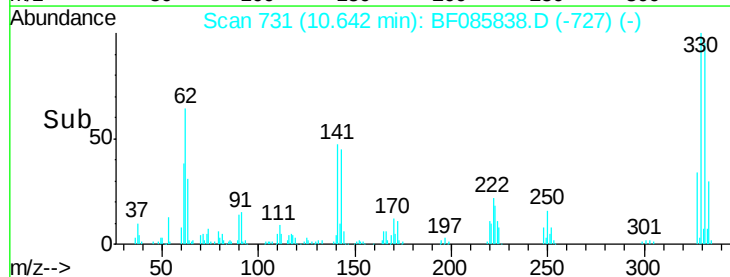
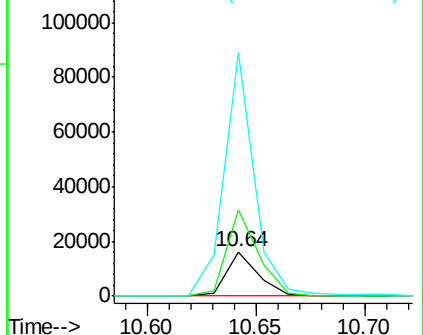


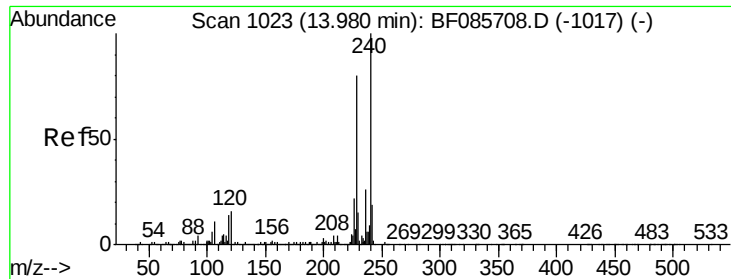
#66
 4-Bromophenyl-phenylether
 Concen: 4.64 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.25 min
 Lab File: BF085838.D
 Acq: 29 Mar 2016 8:28

Tgt Ion	Ratio	Lower	Upper
248	100		
250	193.2	77.4	116.0#
141	549.4	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: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085838.D

Acq: 29 Mar 2016 8:28

Instrument :

BNA_F

ClientSampled :

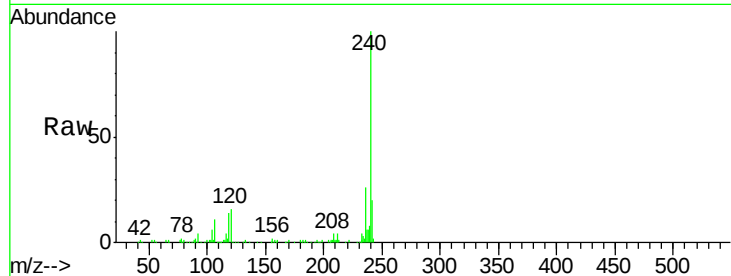
Tot Ion:240 Resp: 203615

Ion Ratio Lower Upper

240 100

120 16.0 13.8 20.8

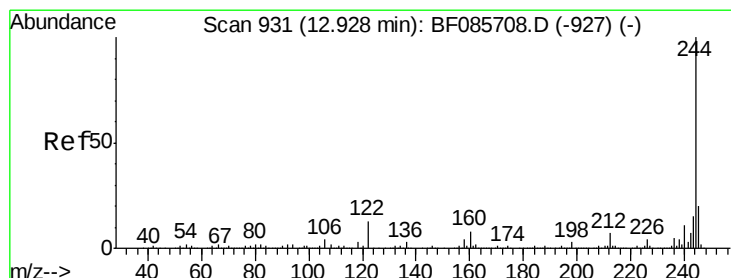
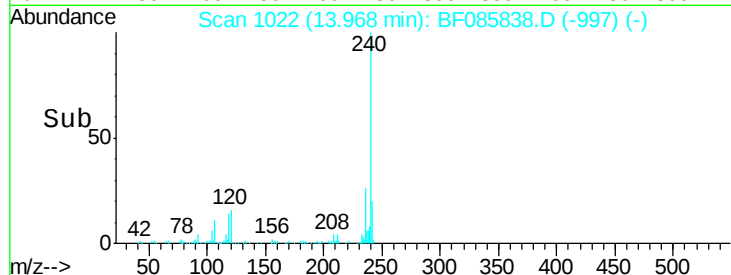
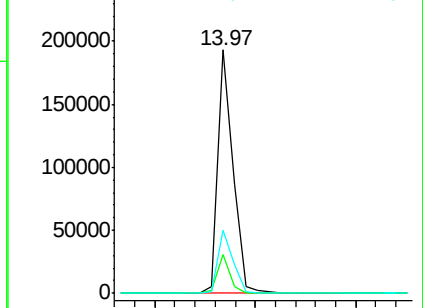
236 25.8 20.6 30.8



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: 101.61 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085838.D

Acq: 29 Mar 2016 8:28

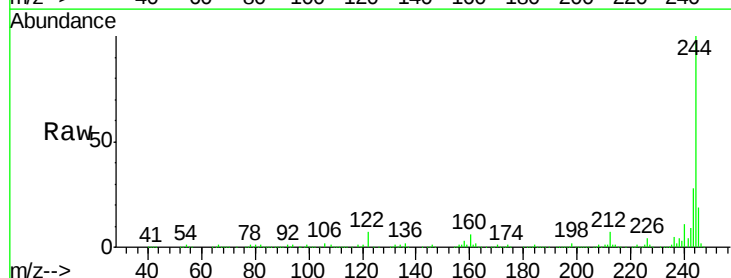
Tgt Ion:244 Resp: 1006006

Ion Ratio Lower Upper

244 100

212 6.5 6.1 9.1

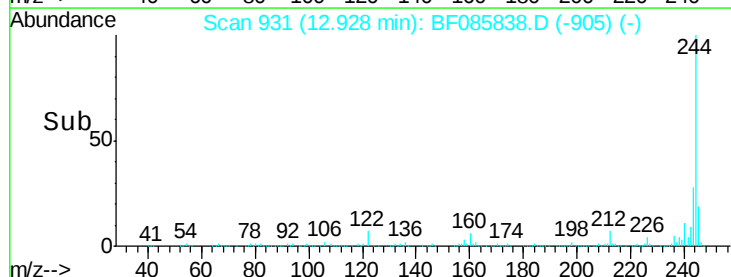
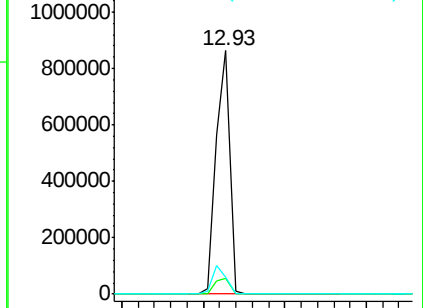
122 7.1 10.2 15.4#

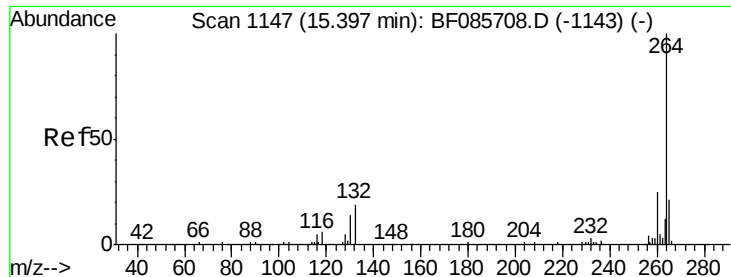


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

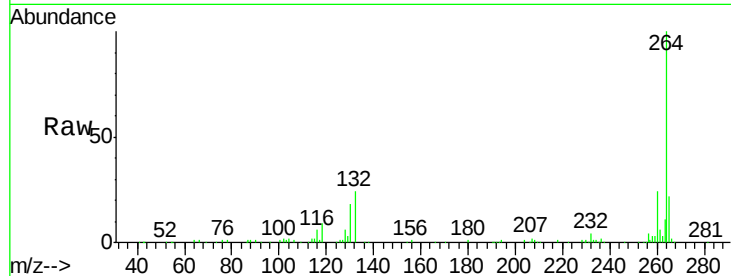




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085838.D
Acq: 29 Mar 2016 8:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.9	17.2	25.8



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

