

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
 Data File : BF084301.D
 Acq On : 6 Jan 2016 20:38
 Operator : SJ/UM
 Sample : H1017-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1A

Quant Time: Jan 07 00:15:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

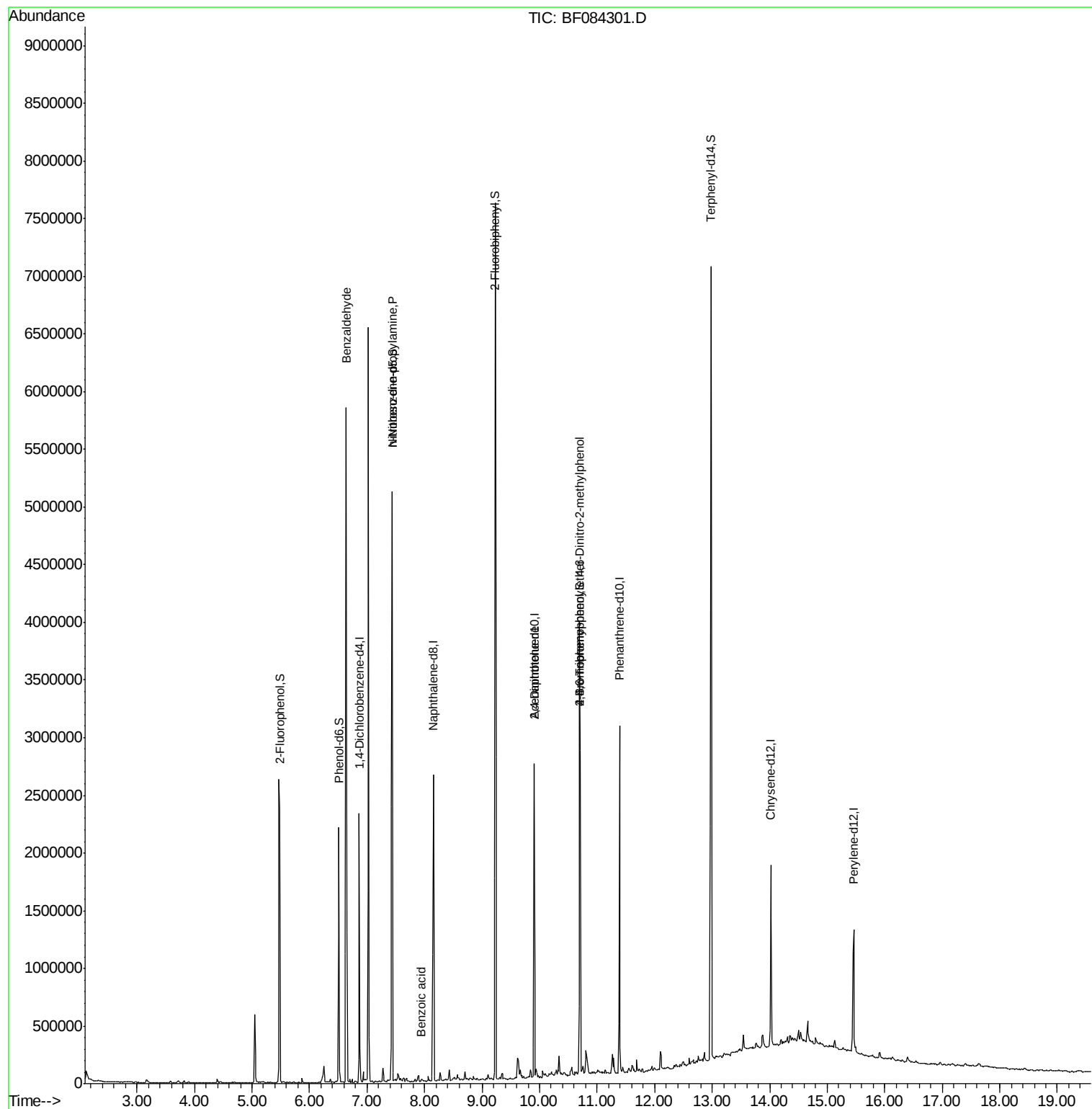
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	296253	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1267485	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	535648	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	974860	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	703387	20.00	ng	-0.05
86) Perylene-d12	15.46	264	587892	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1003420	54.78	ng	-0.01
7) Phenol-d6	6.51	99	850587	36.98	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1751020	76.89	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	670170	123.93	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2699910	88.96	ng	-0.03
78) Terphenyl-d14	12.98	244	2088747	66.29	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.64	77	40258	2.69	ng	# 73
19) n-Nitroso-di-n-propylamine	7.44	70	257609	16.54	ng	# 70
32) Benzoic acid	7.94	122	224	6.26	ng	# 1
54) Dibenzofuran	10.11	168	3041	Below Cal	#	88
56) 2,4-Dinitrotoluene	9.90	165	70721	6.65	ng	# 21
57) Fluorene	10.45	166	3179	Below Cal	#	95
64) 4,6-Dinitro-2-methylphenol	10.69	198	1601	6.62	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	39409	3.76	ng	# 1
73) Di-n-butylphthalate	11.96	149	7077	Below Cal	#	89

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
Data File : BF084301.D
Acq On : 6 Jan 2016 20:38
Operator : SJ/UM
Sample : H1017-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-1A

Quant Time: Jan 07 00:15:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084301.D

Acq: 6 Jan 2016 20:38

Instrument :

BNA_F

ClientSampleId :

W-1A

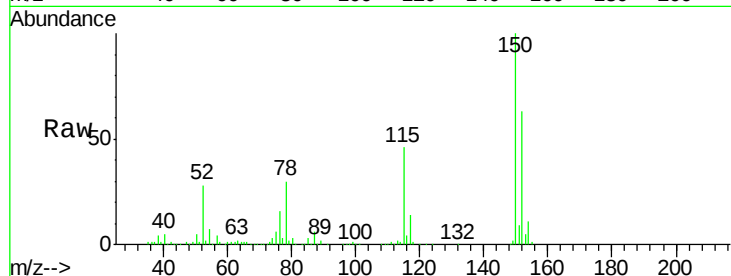
Tgt Ion:152 Resp: 296253

Ion Ratio Lower Upper

152 100

150 158.1 123.0 184.4

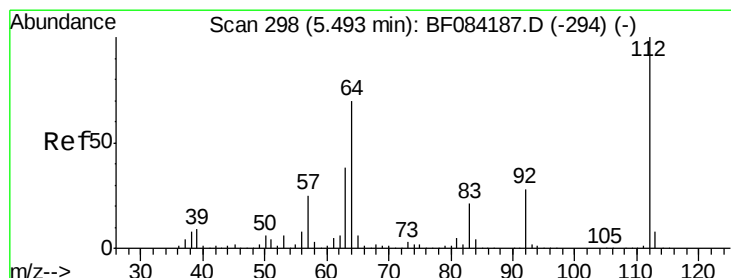
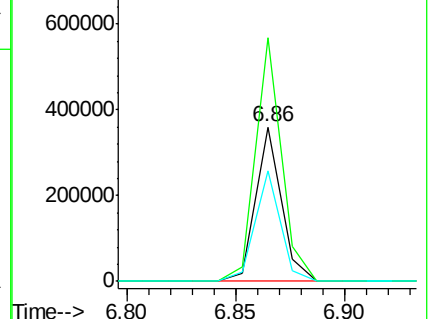
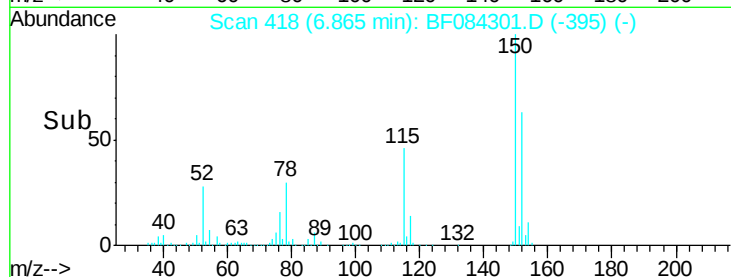
115 72.1 51.4 77.2



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: 54.78 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084301.D

Acq: 6 Jan 2016 20:38

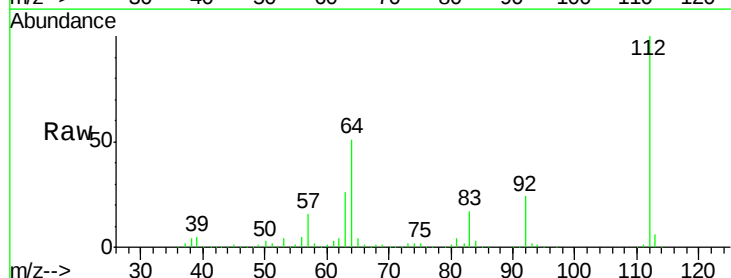
Tgt Ion:112 Resp: 1003420

Ion Ratio Lower Upper

112 100

64 50.6 36.6 55.0

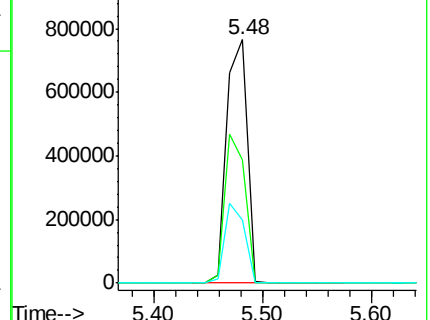
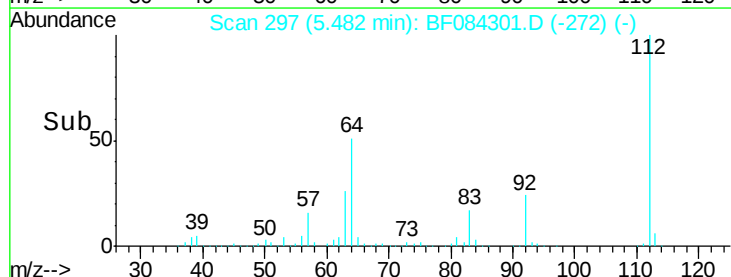
63 26.1 19.4 29.0

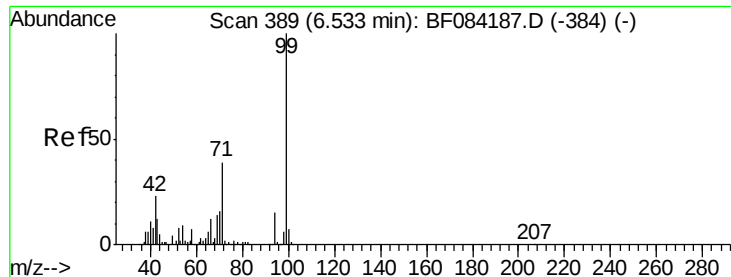


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.98 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084301.D

Acq: 6 Jan 2016 20:38

Instrument :

BNA_F

ClientSampled :

W-1A

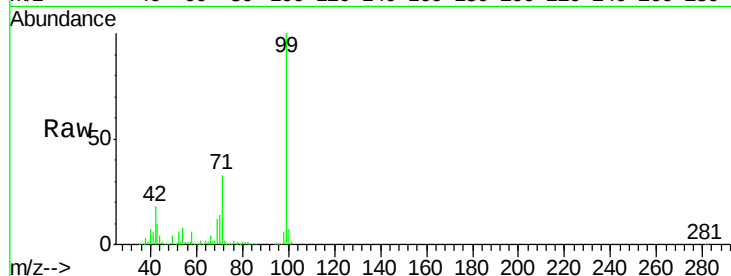
Tgt Ion: 99 Resp: 850587

Ion Ratio Lower Upper

99 100

42 17.8 12.8 19.2

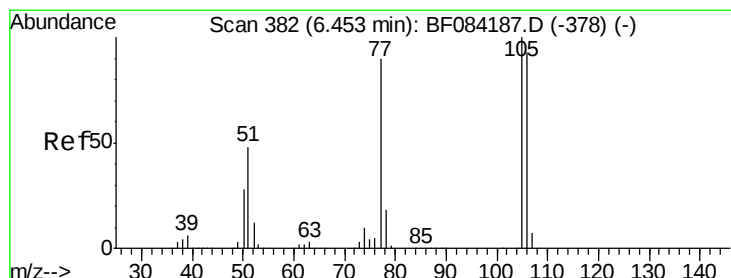
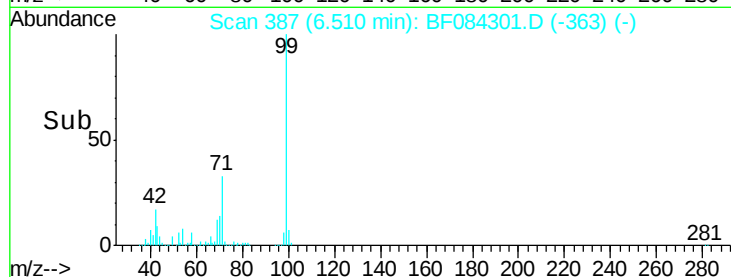
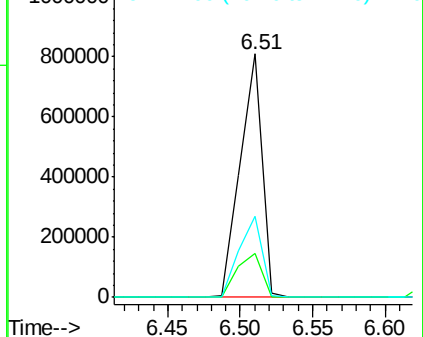
71 33.2 30.9 46.3



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: 2.69 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.18 min

Lab File: BF084301.D

Acq: 6 Jan 2016 20:38

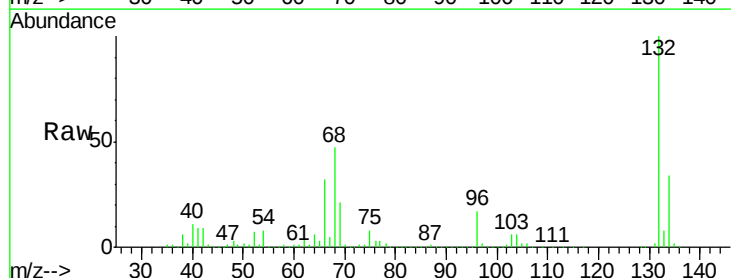
Tgt Ion: 77 Resp: 40258

Ion Ratio Lower Upper

77 100

105 76.2 83.0 123.0#

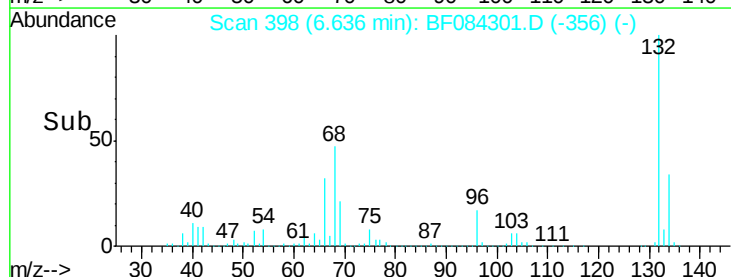
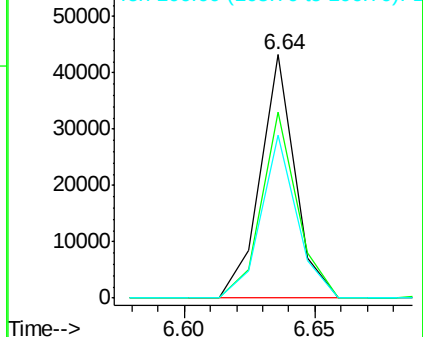
106 66.9 74.6 114.6#



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

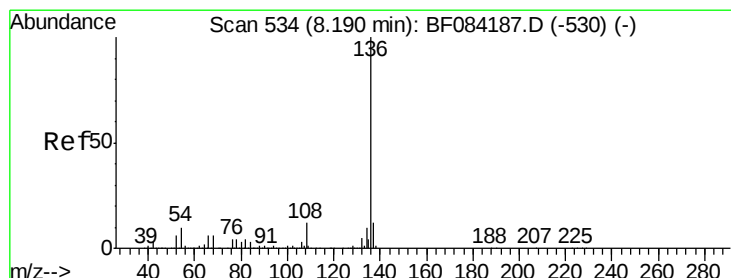
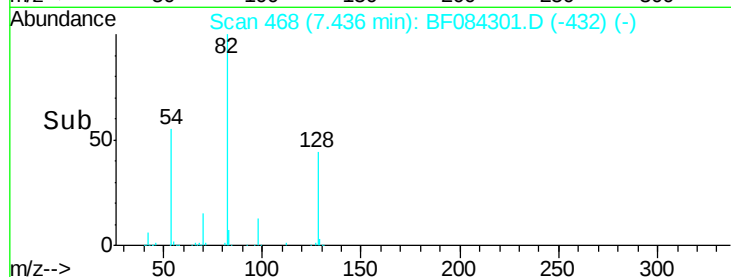
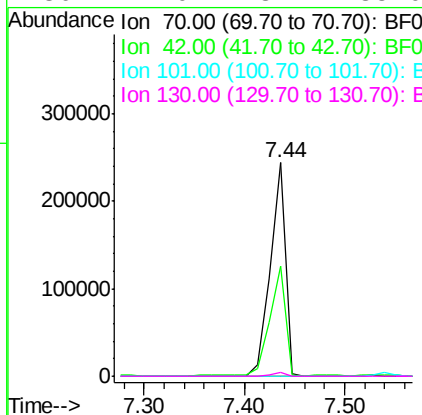
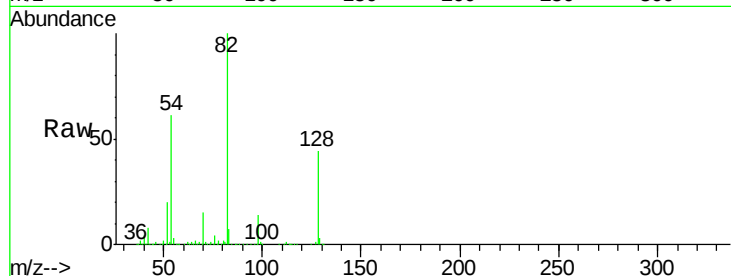




#19
n-Nitroso-di-n-propylamine
Concen: 16.54 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.11 min
Lab File: BF084301.D
Acq: 6 Jan 2016 20:38

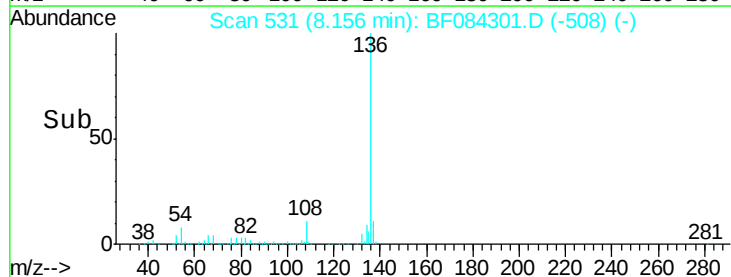
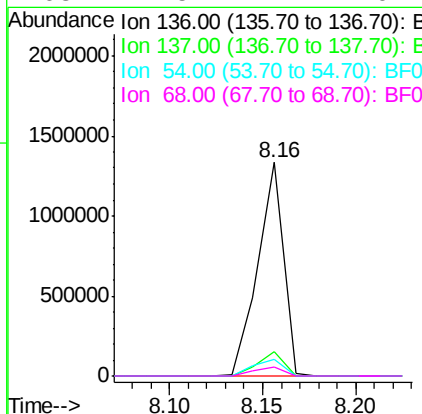
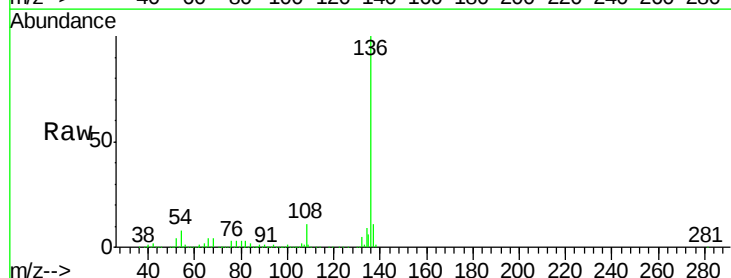
Instrument :
BNA_F
ClientSampleId :
W-1A

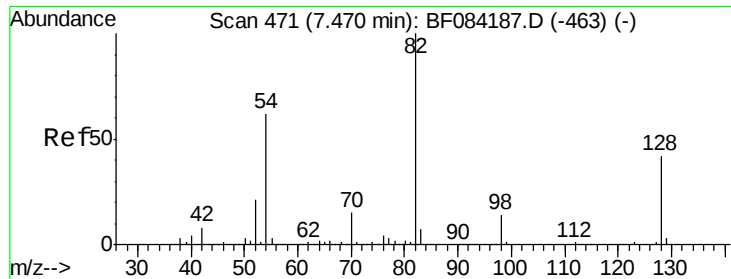
Tgt Ion: 70 Resp: 257609
Ion Ratio Lower Upper
70 100
42 51.6 33.3 49.9#
101 0.0 9.3 13.9#
130 2.0 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF084301.D
Acq: 6 Jan 2016 20:38

Tgt Ion: 136 Resp: 1267485
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 7.8 5.8 8.8
68 4.5 4.2 6.2

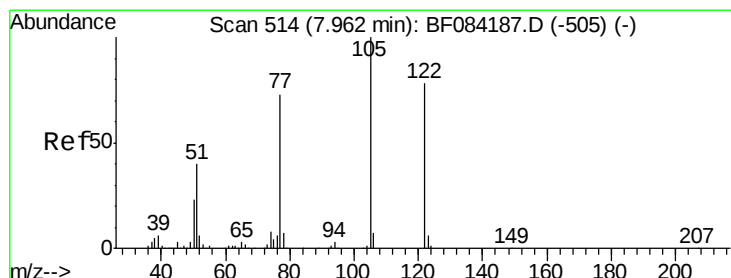
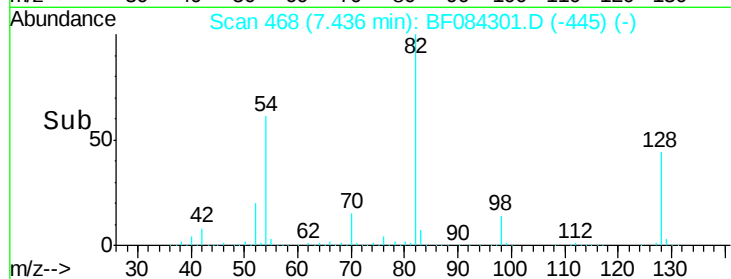
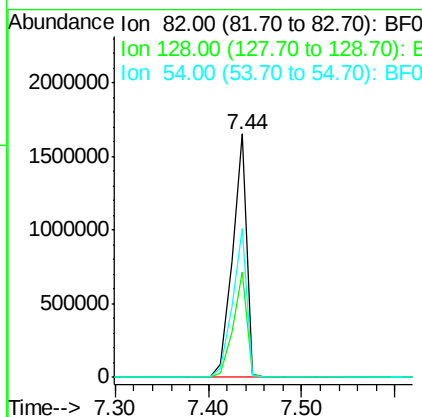
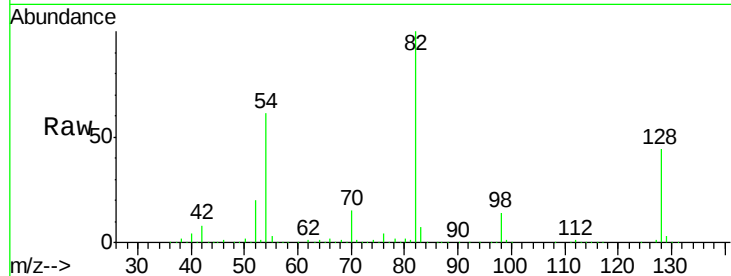




#23
 Nitrobenzene-d5
 Concen: 76.89 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084301.D
 Acq: 6 Jan 2016 20:38

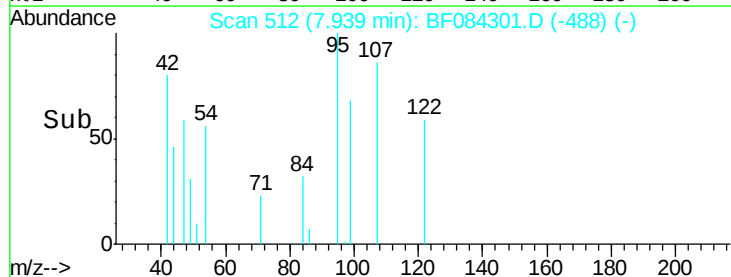
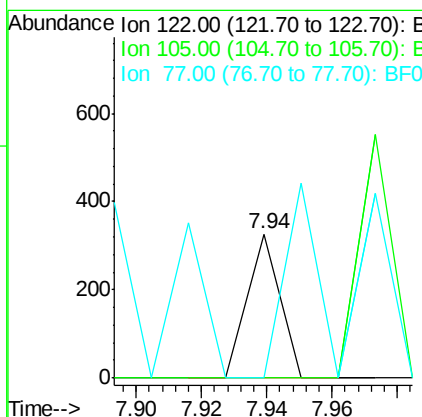
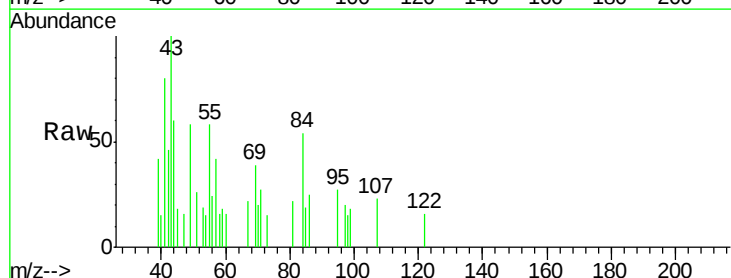
Instrument :
 BNA_F
 ClientSampled :
 W-1A

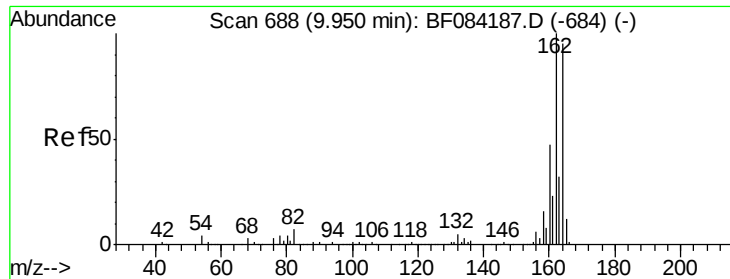
Tgt Ion: 82 Resp: 1751020
 Ion Ratio Lower Upper
 82 100
 128 43.5 34.6 51.8
 54 61.1 38.4 57.6#



#32
 Benzoic acid
 Concen: 6.26 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF084301.D
 Acq: 6 Jan 2016 20:38

Tgt Ion: 122 Resp: 224
 Ion Ratio Lower Upper
 122 100
 105 0.0 100.3 140.3#
 77 0.0 63.5 103.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF084301.D

Acq: 6 Jan 2016 20:38

Instrument :

BNA_F

ClientSampleId :

W-1A

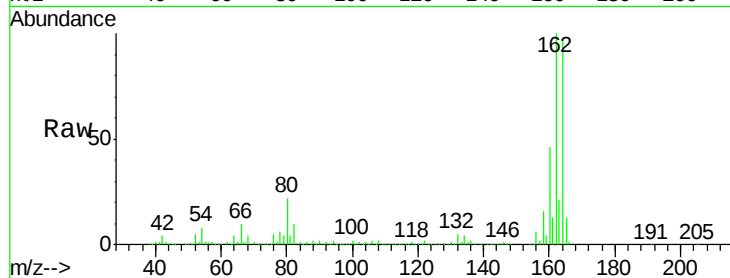
Tgt Ion:164 Resp: 535648

Ion Ratio Lower Upper

164 100

162 102.7 85.1 127.7

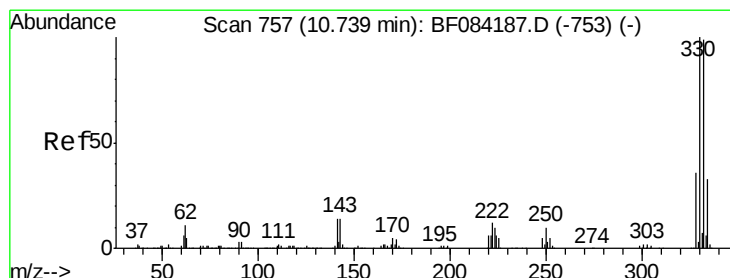
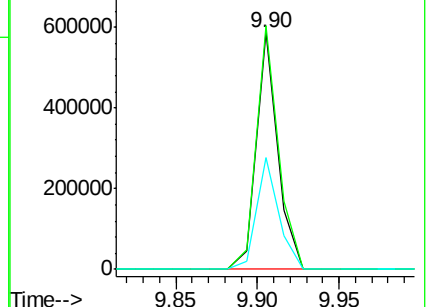
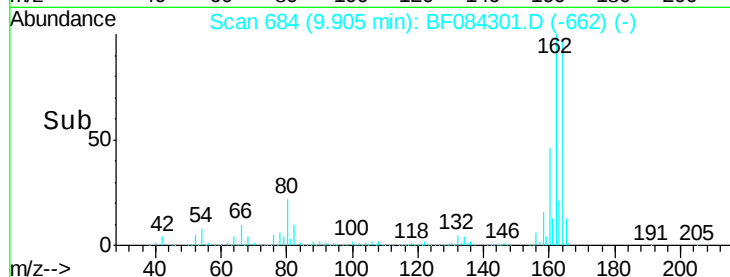
160 46.9 37.5 56.3



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: 123.93 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.03 min

Lab File: BF084301.D

Acq: 6 Jan 2016 20:38

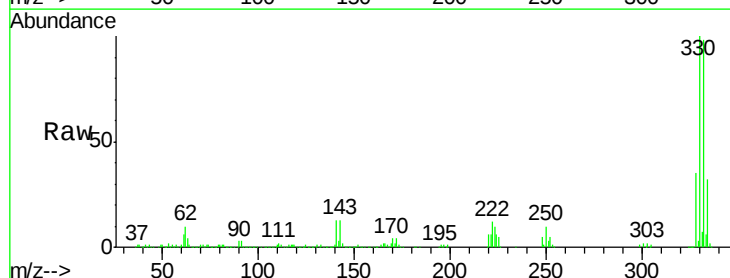
Tgt Ion:330 Resp: 670170

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

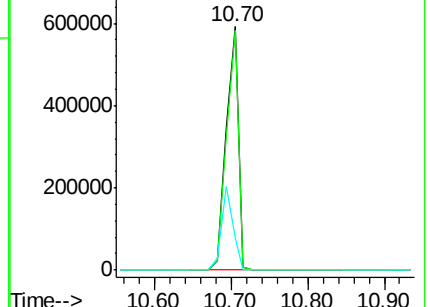
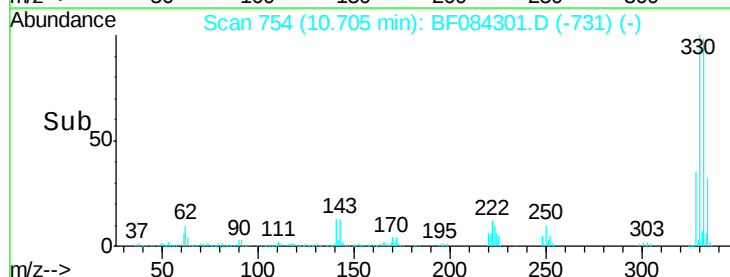
141 32.6 27.8 41.6

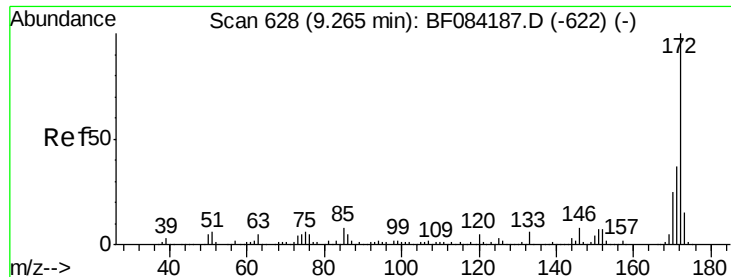


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

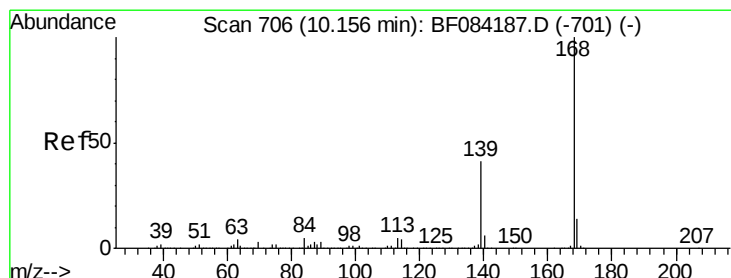
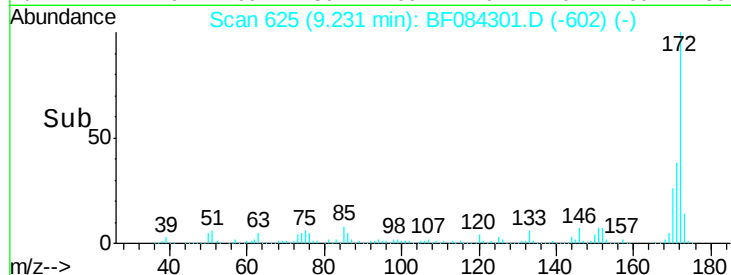
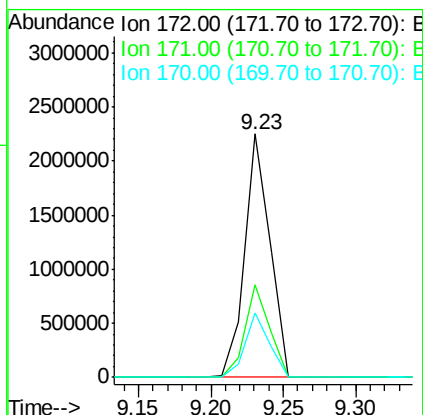
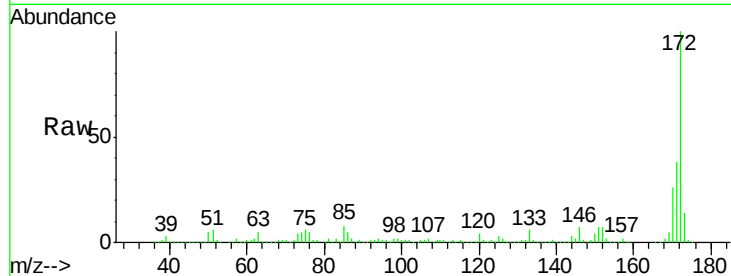




#44
2-Fluorobiphenyl
Concen: 88.96 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF084301.D
Acq: 6 Jan 2016 20:38

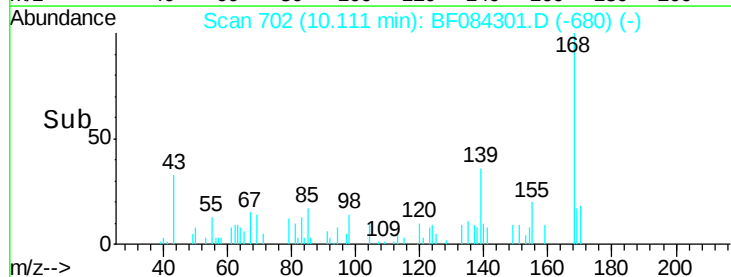
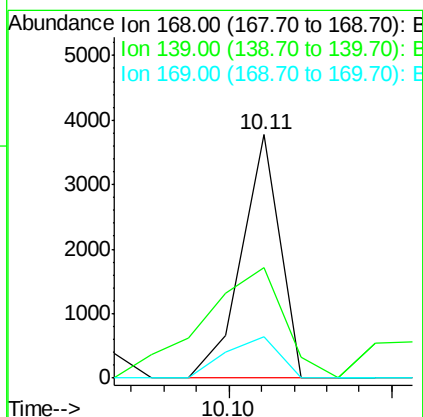
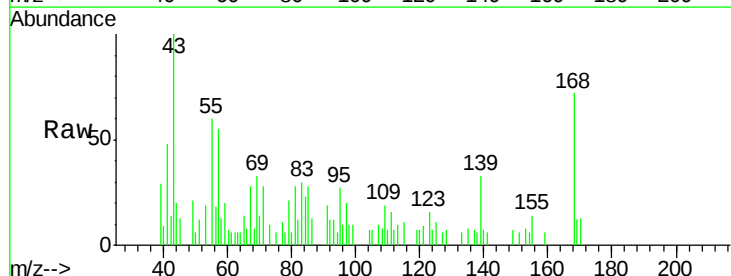
Instrument :
BNA_F
ClientSampleId :
W-1A

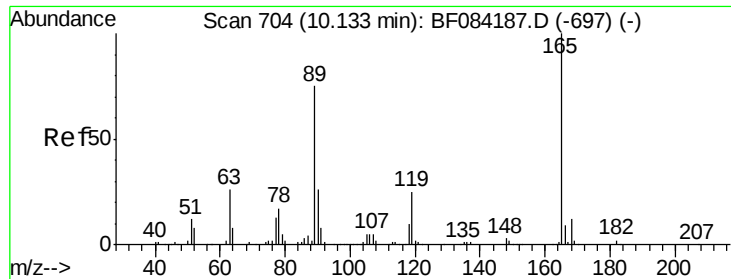
Tgt Ion:172 Resp: 2699910
Ion Ratio Lower Upper
172 100
171 37.9 28.9 43.3
170 26.2 18.6 27.8



#54
Dibenzofuran
Concen: Below Cal
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084301.D
Acq: 6 Jan 2016 20:38

Tgt Ion:168 Resp: 3041
Ion Ratio Lower Upper
168 100
139 45.3 30.5 45.7
169 17.2 10.4 15.6#

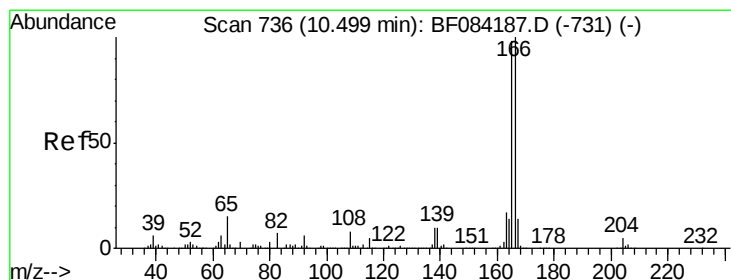
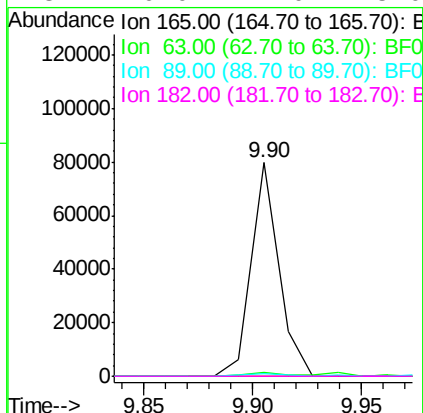
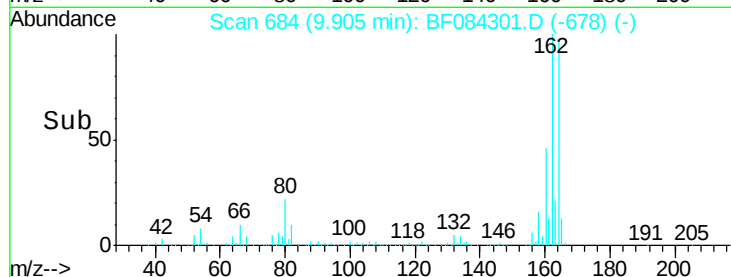
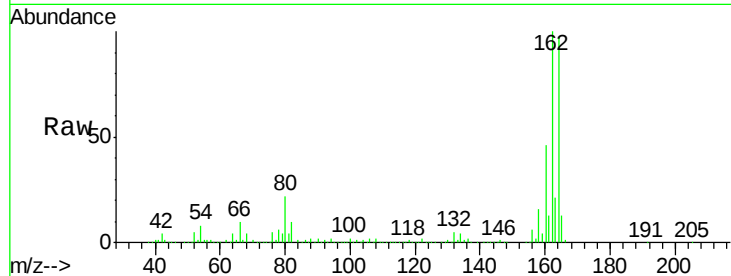




#56
2,4-Dinitrotoluene
Concen: 6.65 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF084301.D
Acq: 6 Jan 2016 20:38

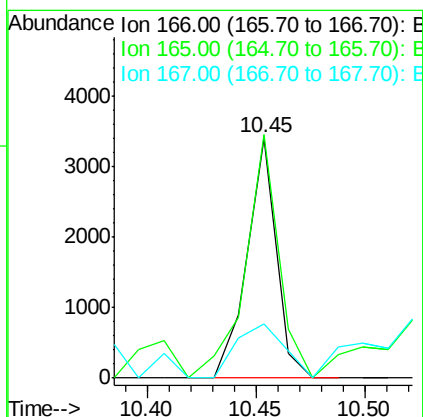
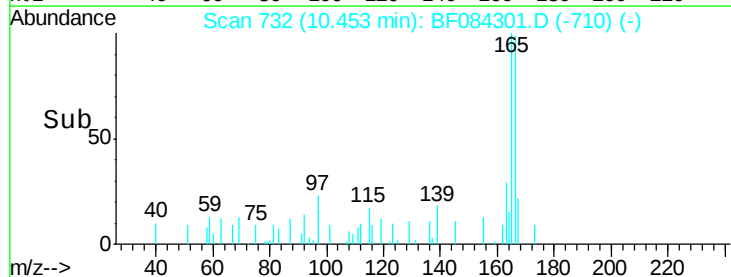
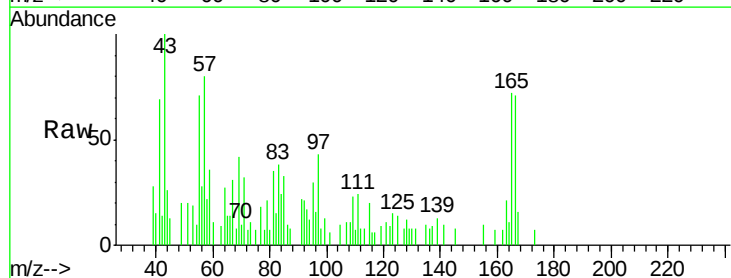
Instrument :
BNA_F
ClientSampleId :
W-1A

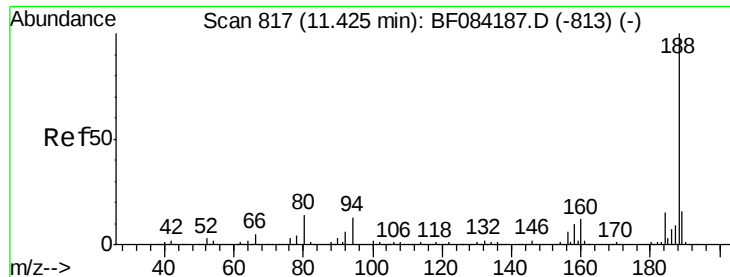
Tgt Ion:165 Resp: 70721
Ion Ratio Lower Upper
165 100
63 1.8 36.7 55.1#
89 1.2 61.9 92.9#
182 0.0 2.0 3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.45 min Scan# 732
Delta R.T. -0.04 min
Lab File: BF084301.D
Acq: 6 Jan 2016 20:38

Tgt Ion:166 Resp: 3179
Ion Ratio Lower Upper
166 100
165 101.4 79.1 118.7
167 22.8 10.4 15.6#

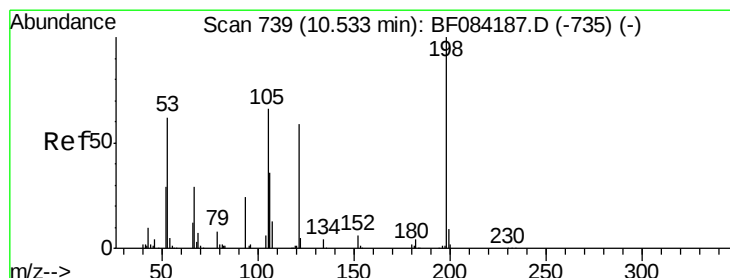
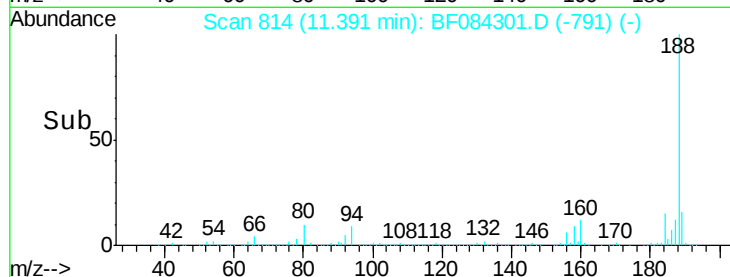
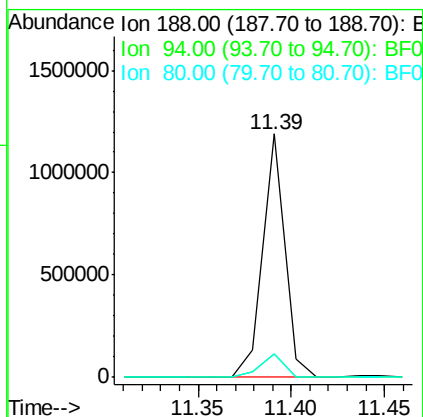
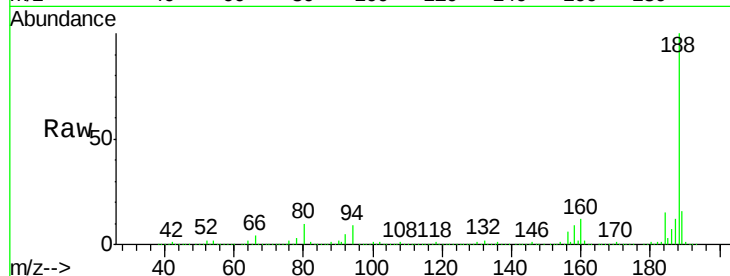




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.03 min
 Lab File: BF084301.D
 Acq: 6 Jan 2016 20:38

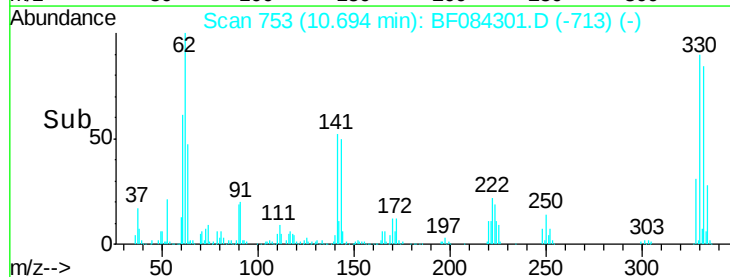
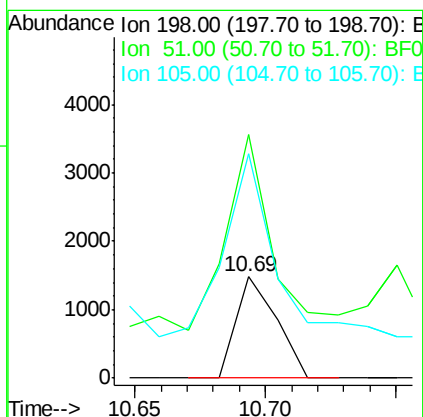
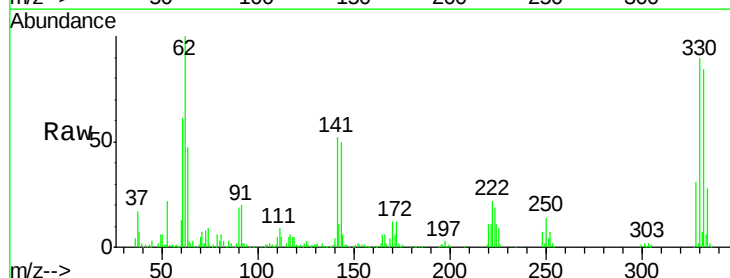
Instrument :
 BNA_F
 ClientSampleId :
 W-1A

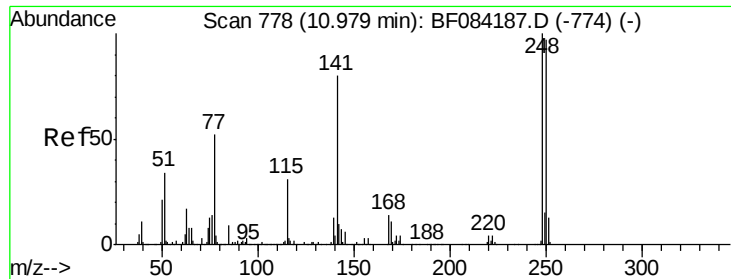
Tgt Ion:188 Resp: 974860
 Ion Ratio Lower Upper
 188 100
 94 9.4 9.0 13.4
 80 9.8 9.6 14.4



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.62 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.16 min
 Lab File: BF084301.D
 Acq: 6 Jan 2016 20:38

Tgt Ion:198 Resp: 1601
 Ion Ratio Lower Upper
 198 100
 51 241.1 18.9 58.9#
 105 221.7 26.4 66.4#

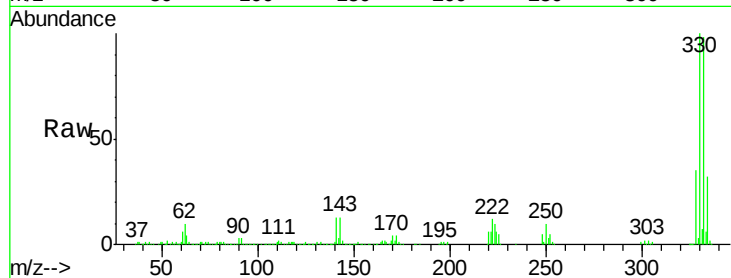




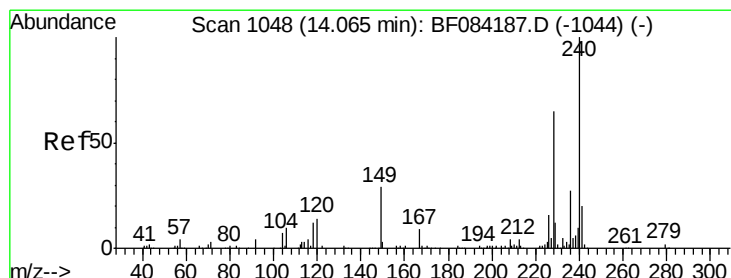
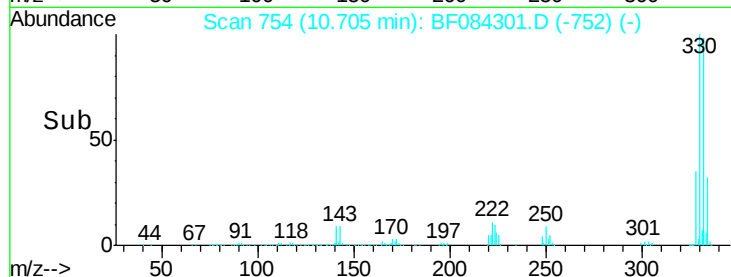
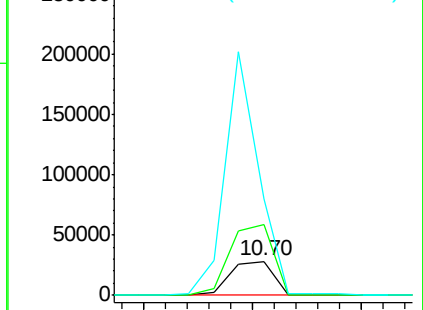
#66
4-Bromophenyl-phenylether
Concen: 3.76 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.27 min
Lab File: BF084301.D
Acq: 6 Jan 2016 20:38

Instrument :
BNA_F
ClientSampleId :
W-1A

Tgt Ion:248 Resp: 39409
Ion Ratio Lower Upper
248 100
250 207.4 78.4 117.6#
141 281.9 44.0 66.0#

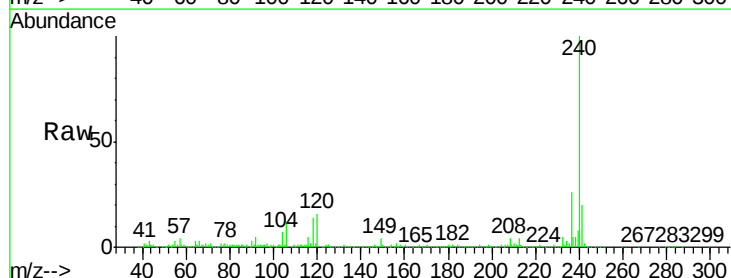


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

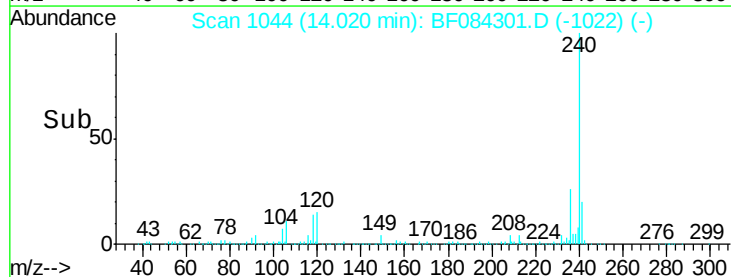
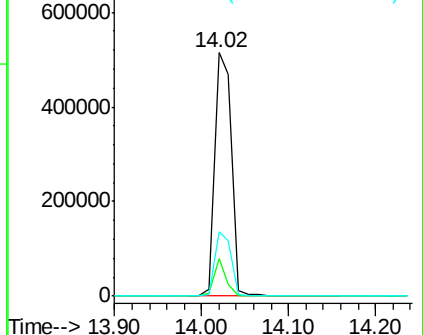


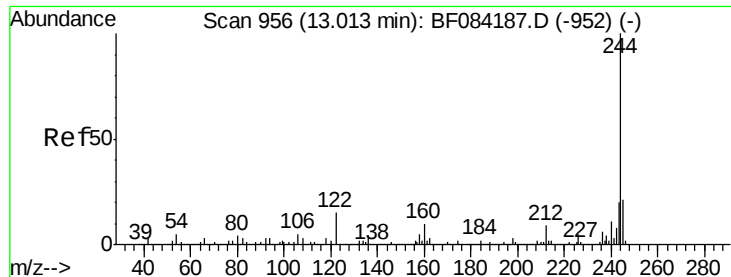
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084301.D
Acq: 6 Jan 2016 20:38

Tgt Ion:240 Resp: 703387
Ion Ratio Lower Upper
240 100
120 15.5 9.5 14.3#
236 26.2 20.6 31.0



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: 66.29 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084301.D

Acq: 6 Jan 2016 20:38

Instrument :

BNA_F

ClientSampleId :

W-1A

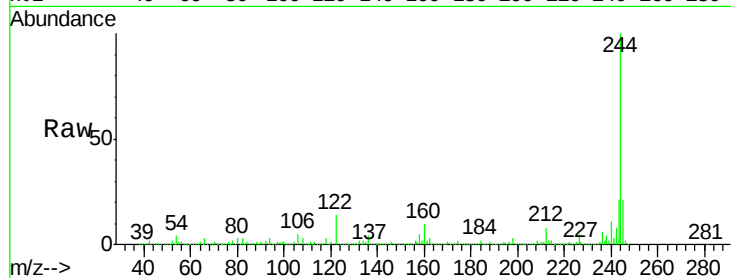
Tgt Ion:244 Resp: 2088747

Ion Ratio Lower Upper

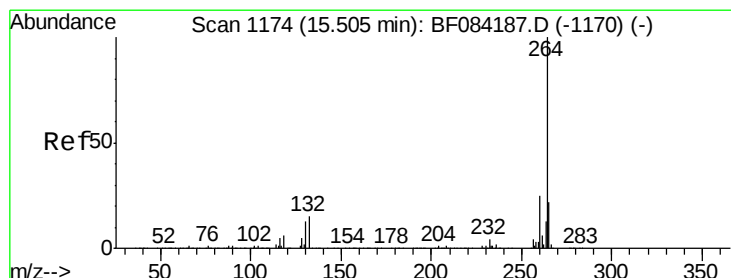
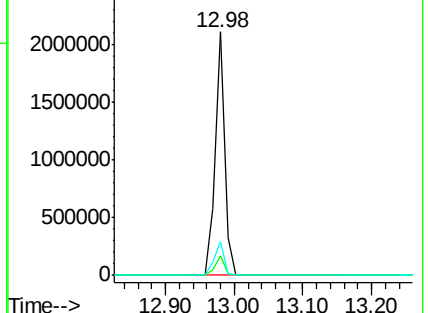
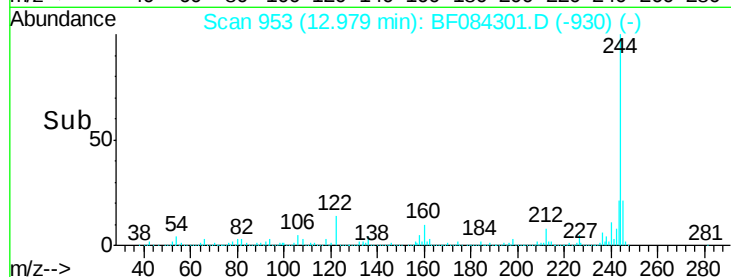
244 100

212 8.3 5.7 8.5

122 13.8 7.4 11.0#



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: 15.46 min Scan# 1170

Delta R.T. -0.05 min

Lab File: BF084301.D

Acq: 6 Jan 2016 20:38

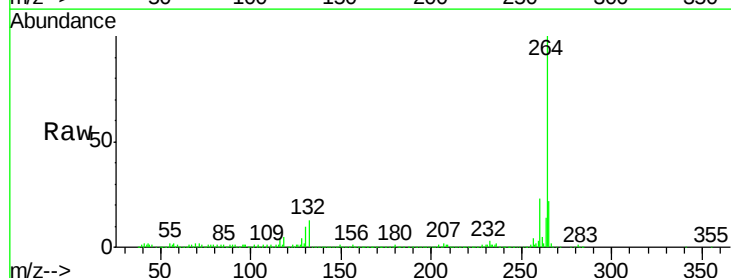
Tgt Ion:264 Resp: 587892

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 22.1 17.8 26.6



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

