

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
 Data File : BF084847.D
 Acq On : 4 Feb 2016 23:56
 Operator : SJ/IZ
 Sample : H1320-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(10-12)

Quant Time: Feb 05 01:42:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

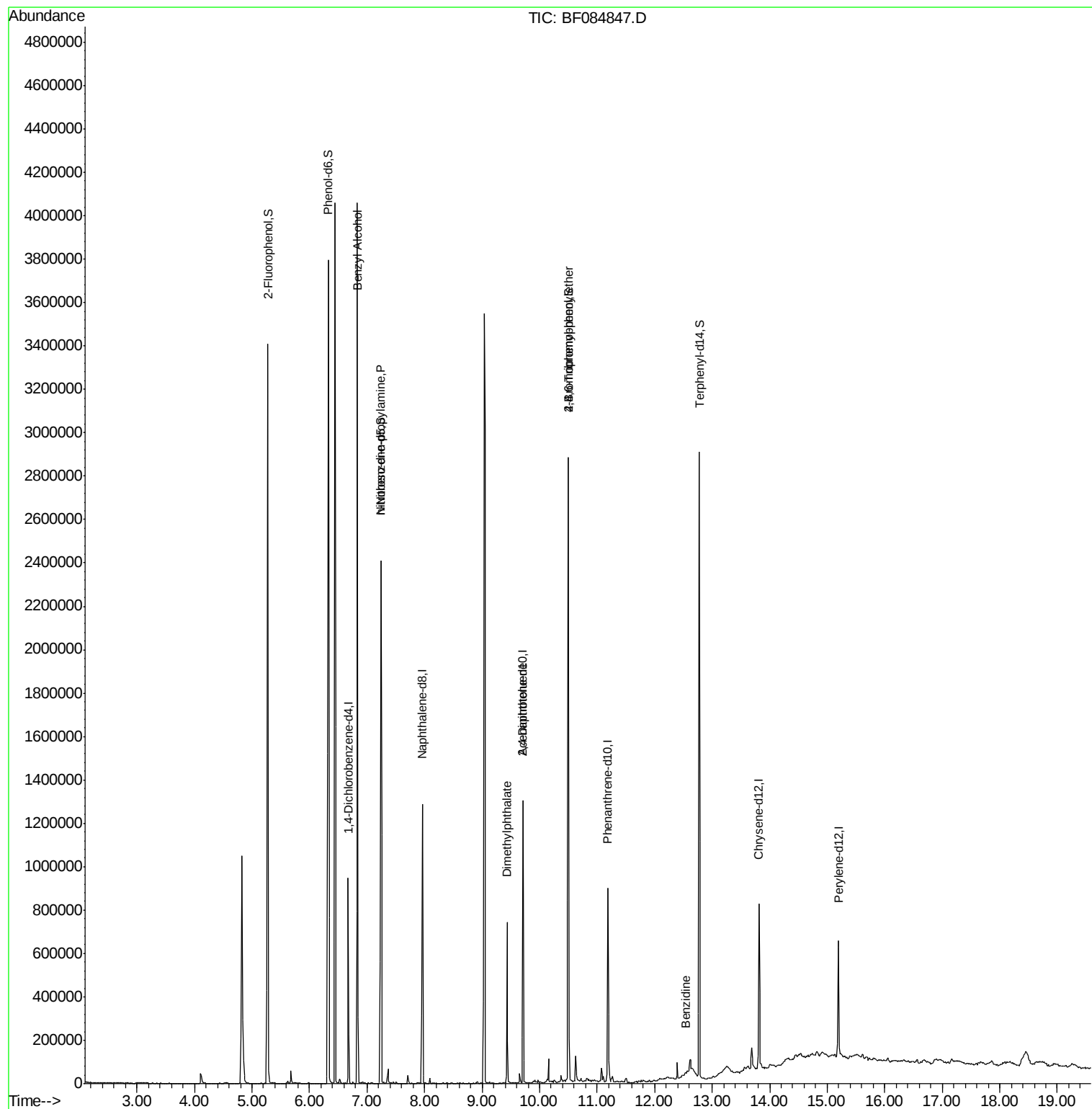
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	134275	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	570899	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	239046	20.00	ng	-0.02
63) Phenanthrene-d10	11.18	188	341204	20.00	ng	-0.02
75) Chrysene-d12	13.81	240	282117	20.00	ng	-0.02
86) Perylene-d12	15.20	264	293669	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1400706	162.48	ng	0.00
7) Phenol-d6	6.33	99	1470275	137.57	ng	-0.01
23) Nitrobenzene-d5	7.24	82	956486	94.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	304793	122.24	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1642703	-20.00	ng	-0.01
78) Terphenyl-d14	12.77	244	966540	77.64	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.83	79	18390	2.49	ng	# 49
19) n-Nitroso-di-n-propylamine	7.24	70	127251	19.00	ng	# 71
49) Dimethylphthalate	9.44	163	296080	16.26	ng	# 90
56) 2,4-Dinitrotoluene	9.71	165	30465	6.01	ng	# 21
66) 4-Bromophenyl-phenylether	10.50	248	19821	5.26	ng	# 1
76) Benzidine	12.53	184	1178	6.97	ng	# 66

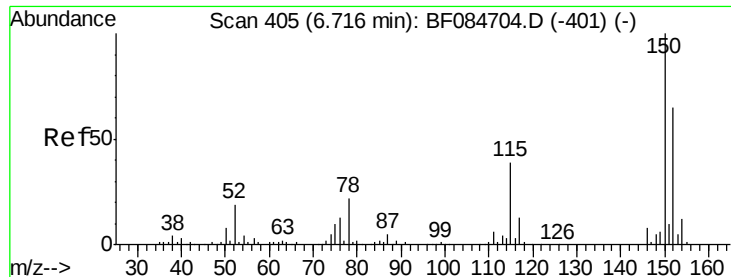
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
Data File : BF084847.D
Acq On : 4 Feb 2016 23:56
Operator : SJ/IZ
Sample : H1320-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B017(10-12)

Quant Time: Feb 05 01:42:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF084847.D

Acq: 4 Feb 2016 23:56

Instrument :

BNA_F

ClientSampleId :

S4-B017(10-12)

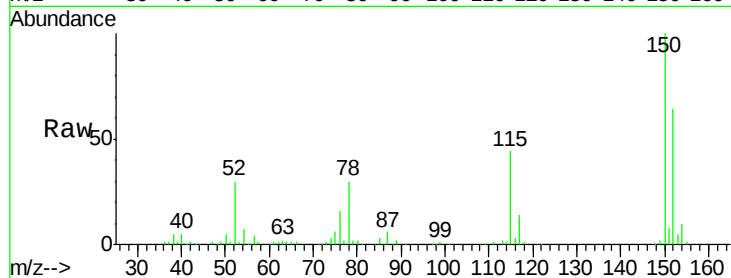
Tgt Ion:152 Resp: 134275

Ion Ratio Lower Upper

152 100

150 155.8 123.0 184.4

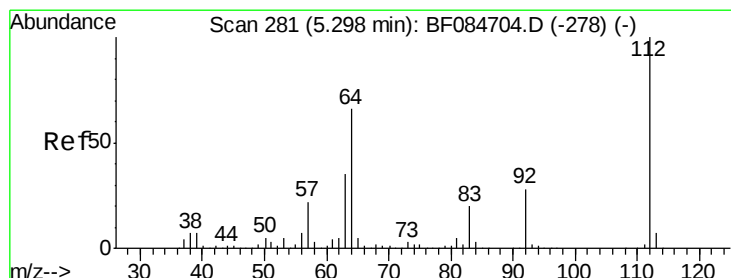
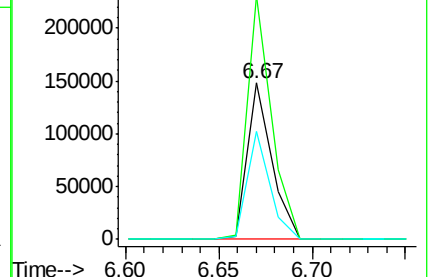
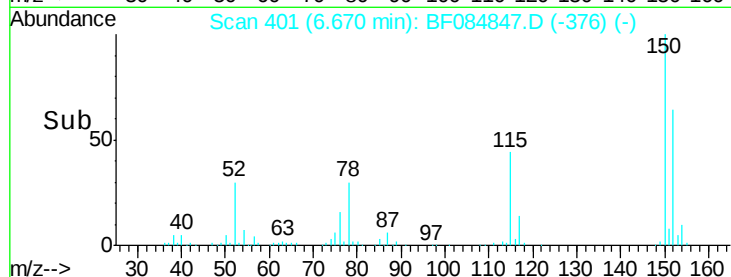
115 69.0 51.4 77.2



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: 162.48 ng

RT: 5.28 min Scan# 279

Delta R.T. 0.00 min

Lab File: BF084847.D

Acq: 4 Feb 2016 23:56

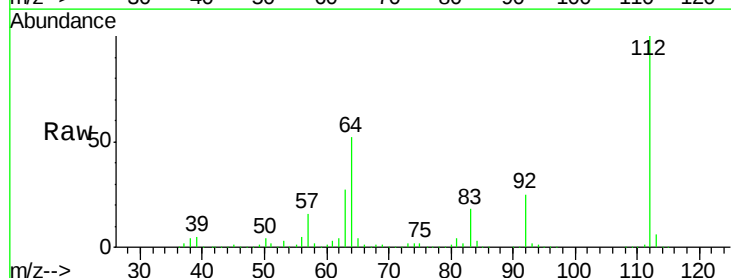
Tgt Ion:112 Resp: 1400706

Ion Ratio Lower Upper

112 100

64 51.6 36.6 55.0

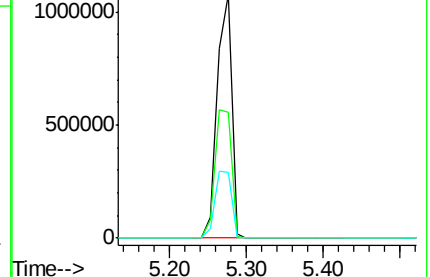
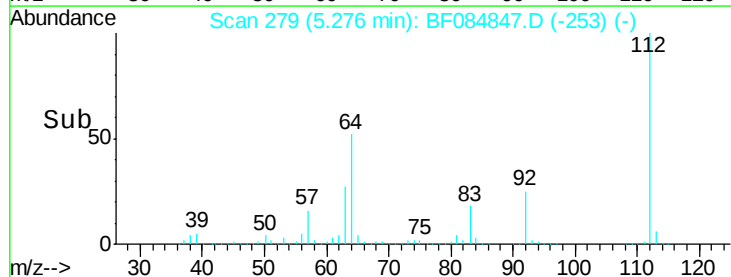
63 27.1 19.4 29.0

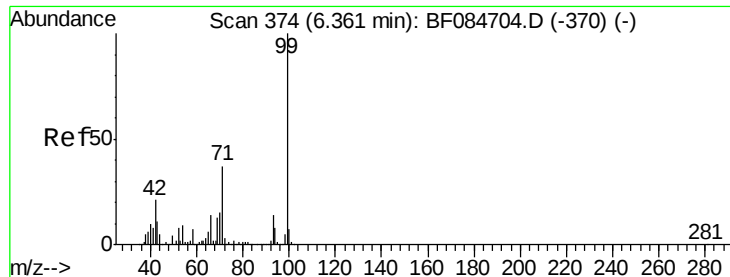


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.57 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084847.D

Acq: 4 Feb 2016 23:56

Instrument :

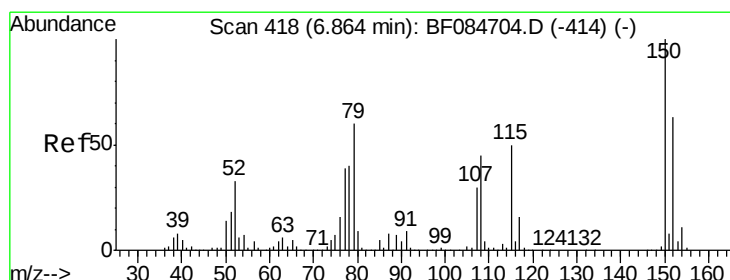
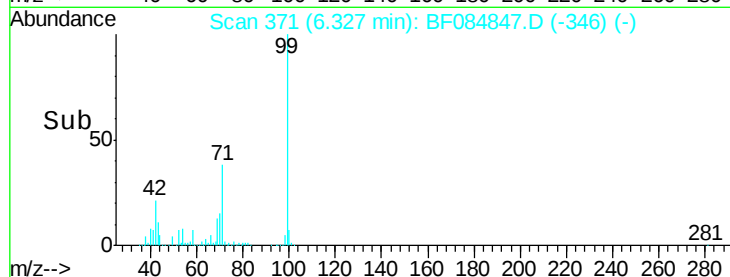
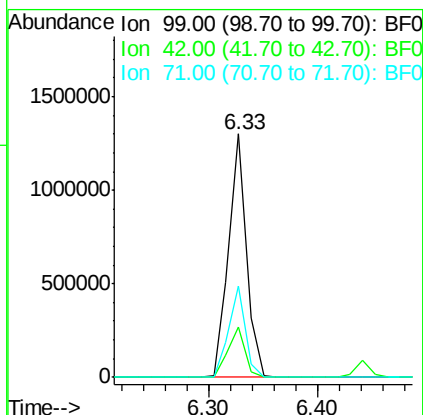
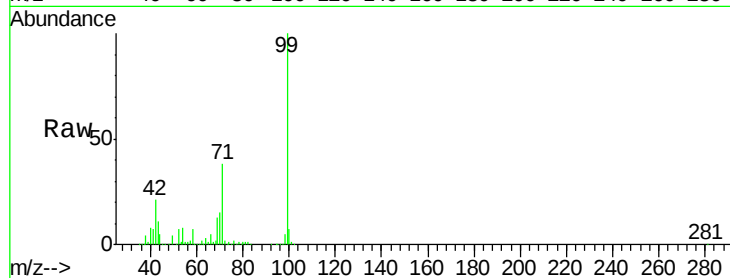
BNA_F

ClientSampleId :

S4-B017(10-12)

Tgt Ion: 99 Resp: 1470275

Ion	Ratio	Lower	Upper
99	100		
42	20.9	12.8	19.2#
71	37.6	30.9	46.3



#15

Benzyl Alcohol

Concen: 2.49 ng

RT: 6.83 min Scan# 415

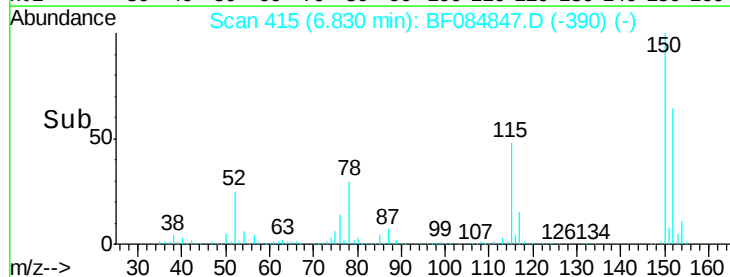
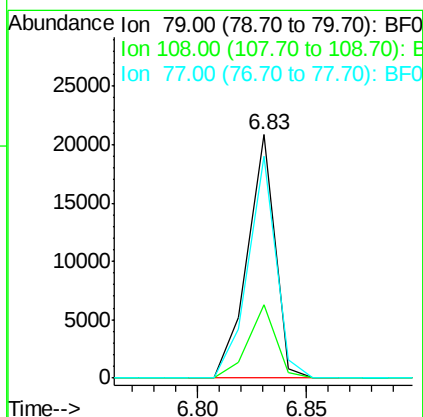
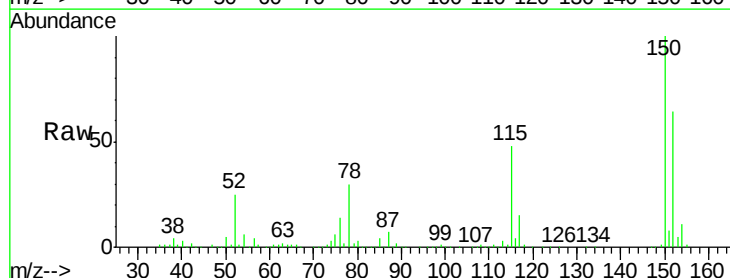
Delta R.T. -0.01 min

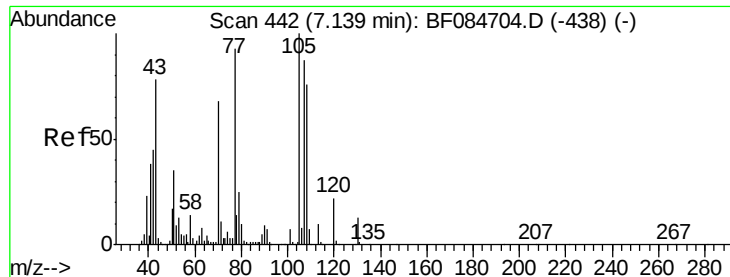
Lab File: BF084847.D

Acq: 4 Feb 2016 23:56

Tgt Ion: 79 Resp: 18390

Ion	Ratio	Lower	Upper
79	100		
108	29.9	69.0	103.4#
77	90.9	50.0	75.0#

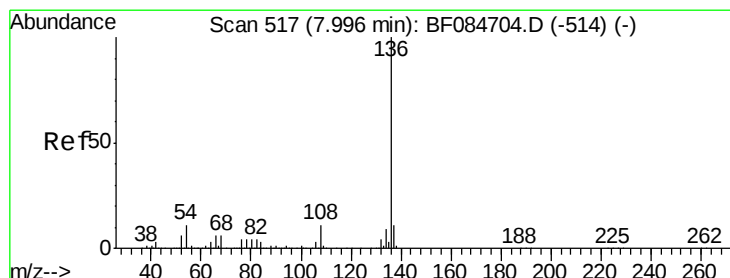
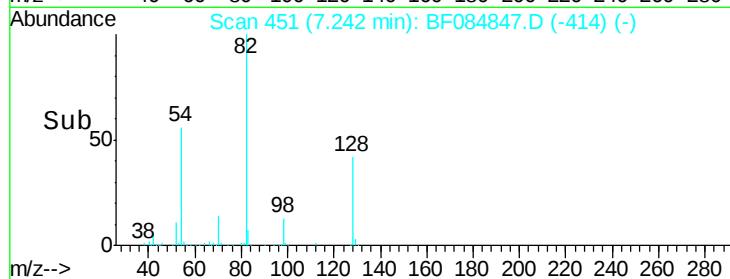
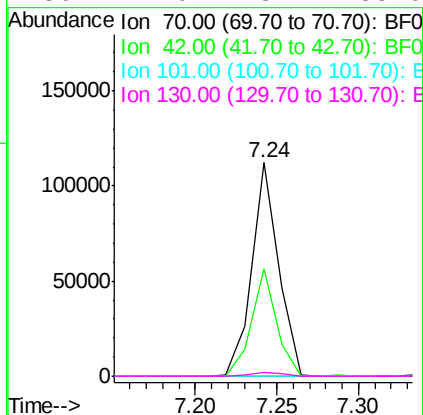
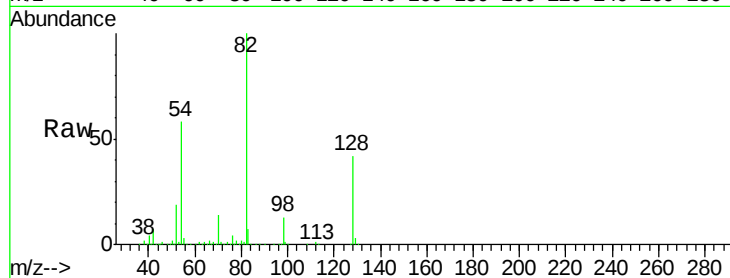




#19
n-Nitroso-di-n-propylamine
Concen: 19.00 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.13 min
Lab File: BF084847.D
Acq: 4 Feb 2016 23:56

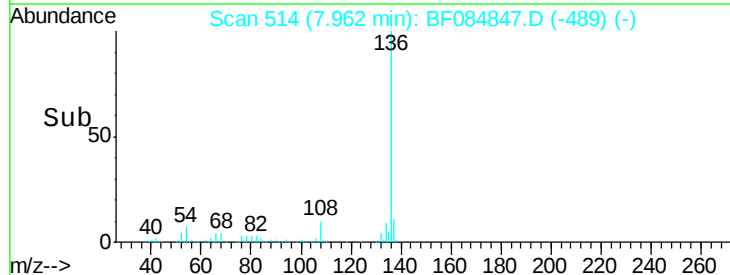
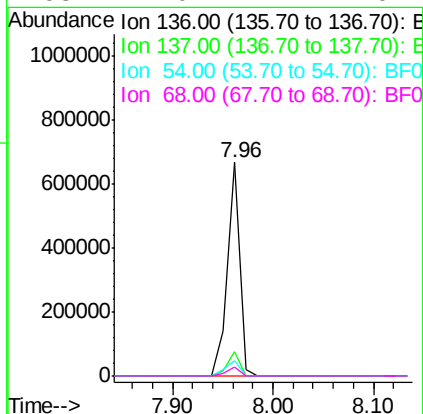
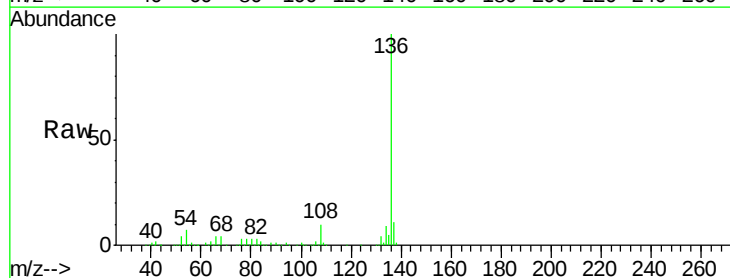
Instrument :
BNA_F
ClientSampleId :
S4-B017(10-12)

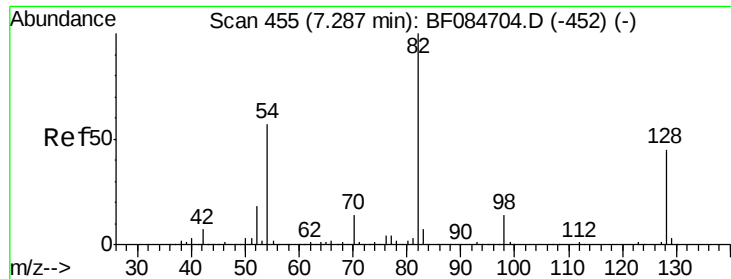
Tgt Ion: 70 Resp: 127251
Ion Ratio Lower Upper
70 100
42 50.1 33.3 49.9#
101 0.0 9.3 13.9#
130 2.0 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF084847.D
Acq: 4 Feb 2016 23:56

Tgt Ion:136 Resp: 570899
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 7.2 5.8 8.8
68 4.0 4.2 6.2#

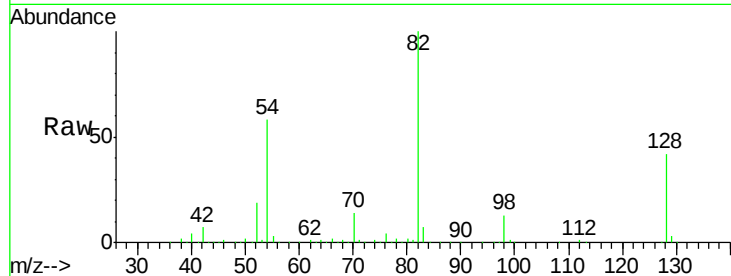




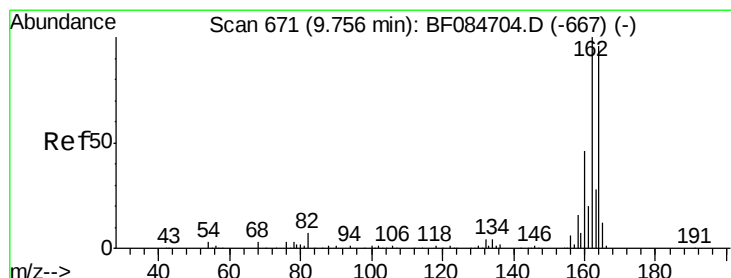
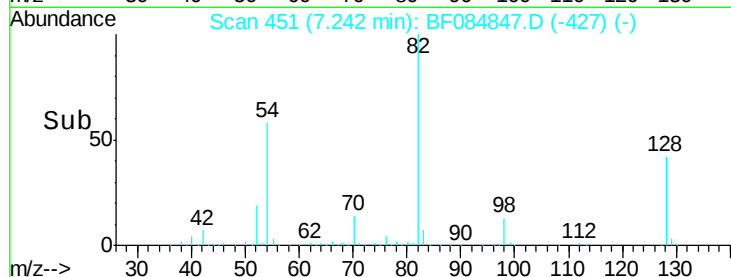
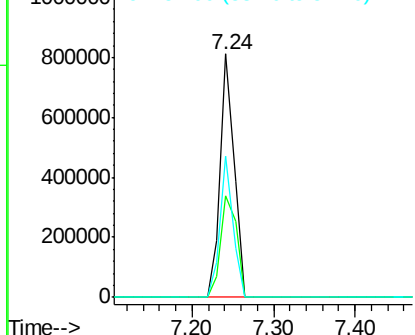
#23
 Nitrobenzene-d5
 Concen: 94.38 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF084847.D
 Acq: 4 Feb 2016 23:56

Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(10-12)

Tgt Ion: 82 Resp: 956486
 Ion Ratio Lower Upper
 82 100
 128 41.7 34.6 51.8
 54 58.0 38.4 57.6#

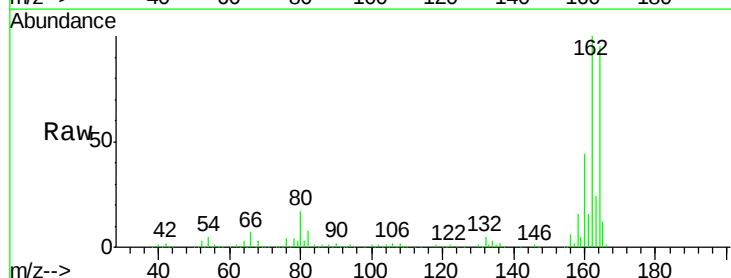


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

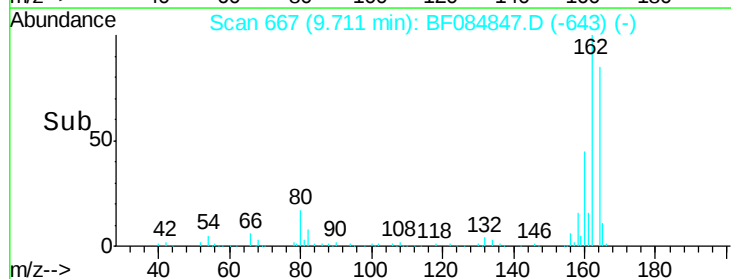
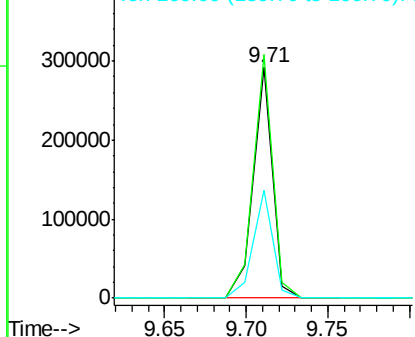


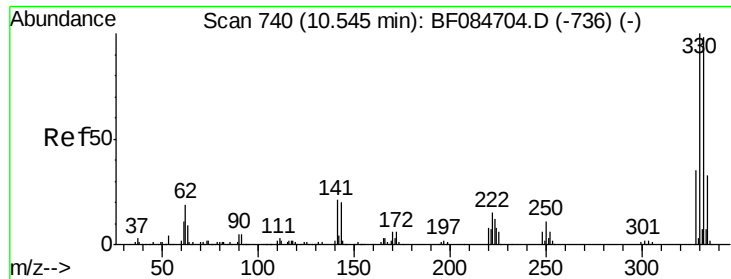
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF084847.D
 Acq: 4 Feb 2016 23:56

Tgt Ion:164 Resp: 239046
 Ion Ratio Lower Upper
 164 100
 162 105.6 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

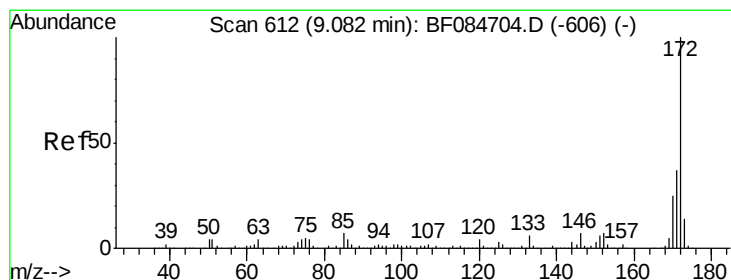
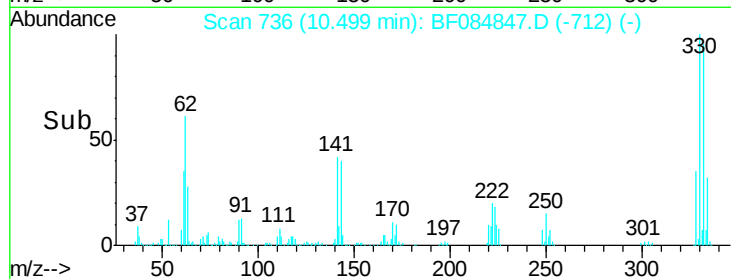
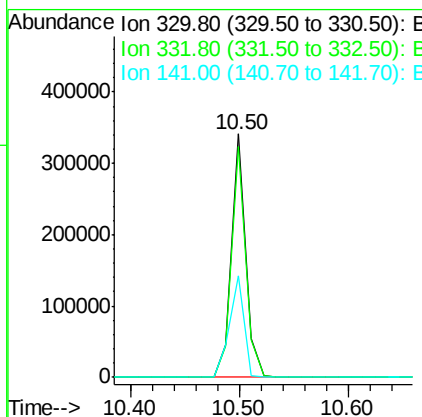
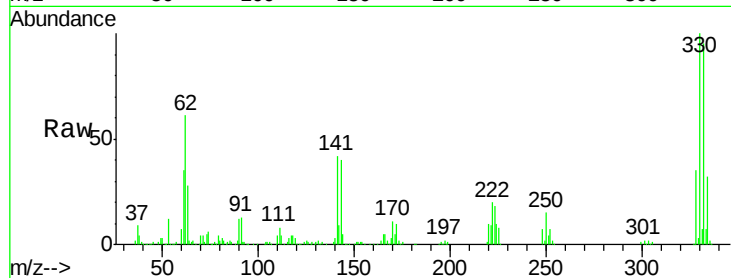




#41
 2,4,6-Tribromophenol
 Concen: 122.24 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF084847.D
 Acq: 4 Feb 2016 23:56

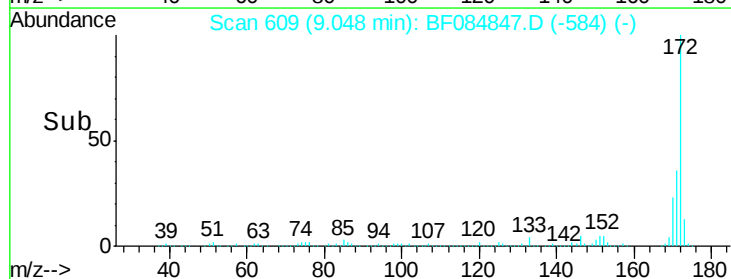
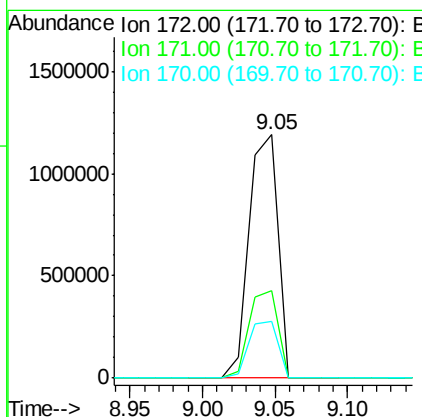
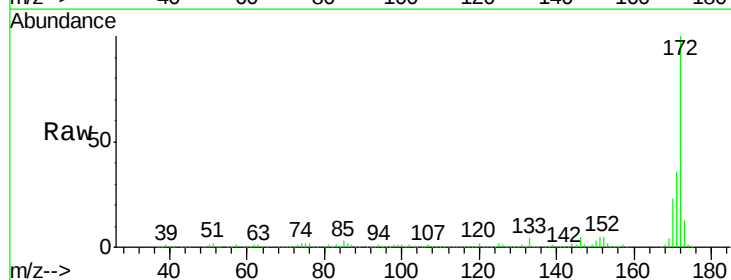
Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(10-12)

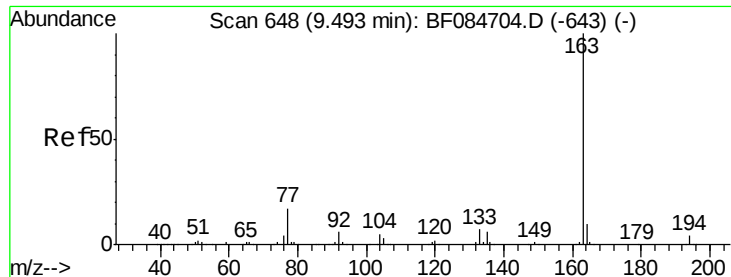
Tgt Ion:330 Resp: 304793
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 43.3 27.8 41.6#



#44
 2-Fluorobiphenyl
 Concen: -20.00 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF084847.D
 Acq: 4 Feb 2016 23:56

Tgt Ion:172 Resp: 1642703
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 23.5 18.6 27.8





#49

Dimethylphthalate

Concen: 16.26 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF084847.D

Acq: 4 Feb 2016 23:56

Instrument :

BNA_F

ClientSampleId :

S4-B017(10-12)

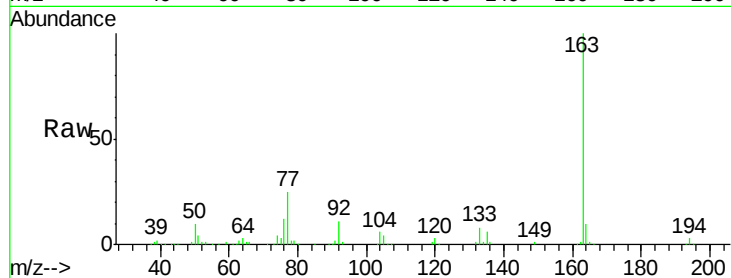
Tgt Ion:163 Resp: 296080

Ion Ratio Lower Upper

163 100

194 2.9 8.0 12.0#

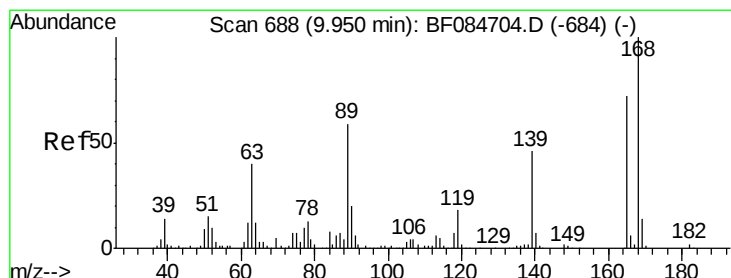
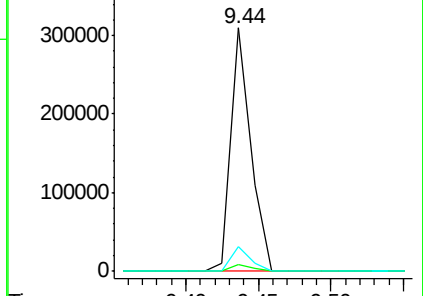
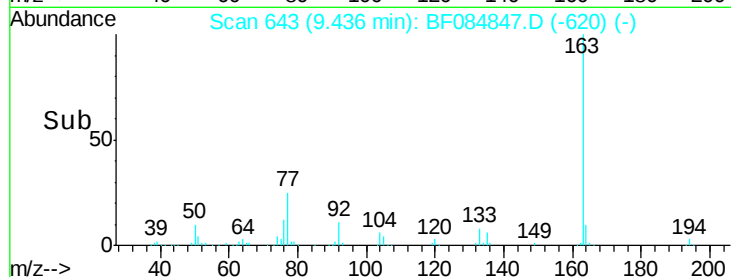
164 10.1 8.0 12.0



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: 6.01 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.22 min

Lab File: BF084847.D

Acq: 4 Feb 2016 23:56

Tgt Ion:165 Resp: 30465

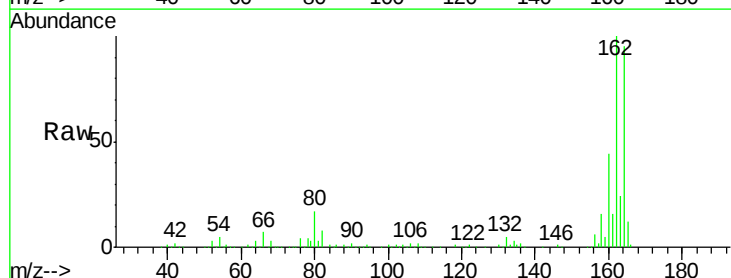
Ion Ratio Lower Upper

165 100

63 1.0 36.7 55.1#

89 1.2 61.9 92.9#

182 0.0 2.0 3.0#

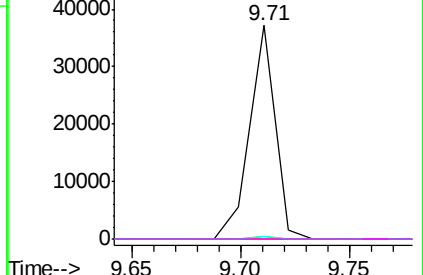
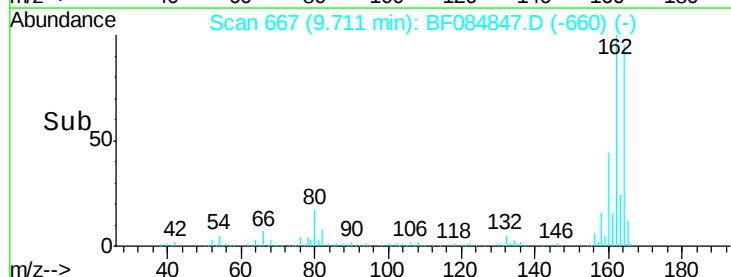


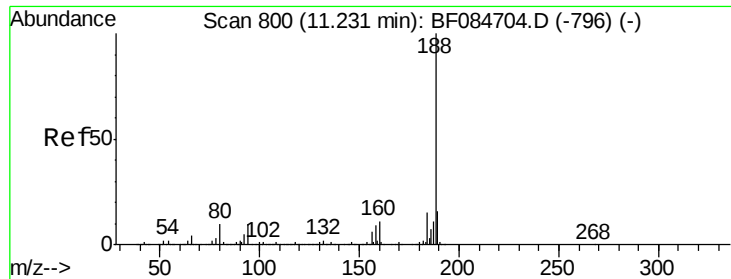
Abundance Ion 165.00 (164.70 to 165.70): E

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

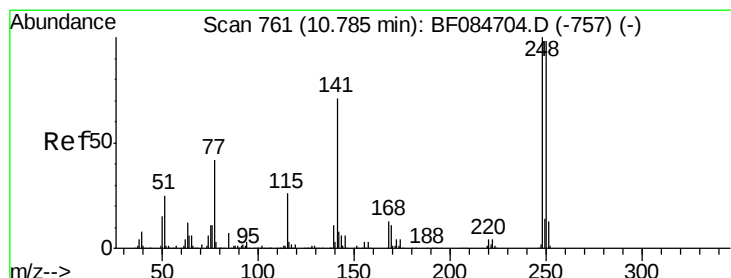
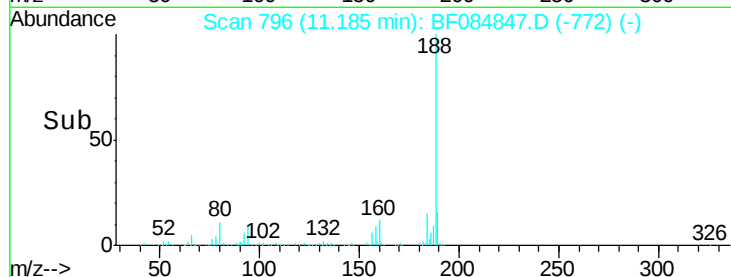
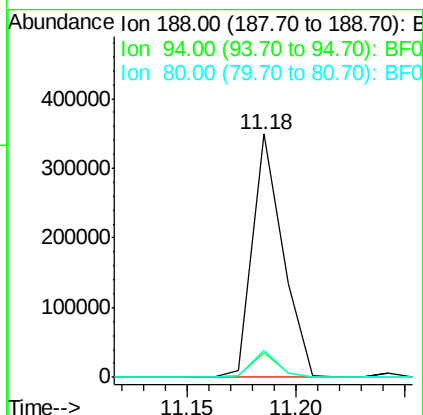
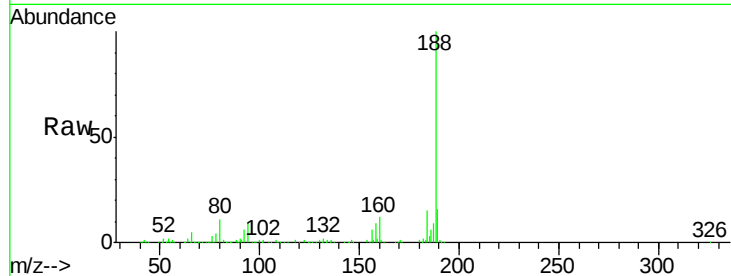




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF084847.D
Acq: 4 Feb 2016 23:56

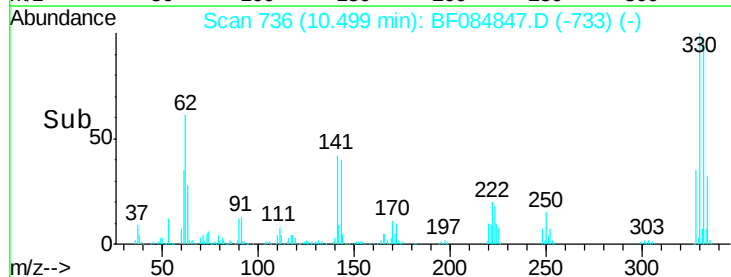
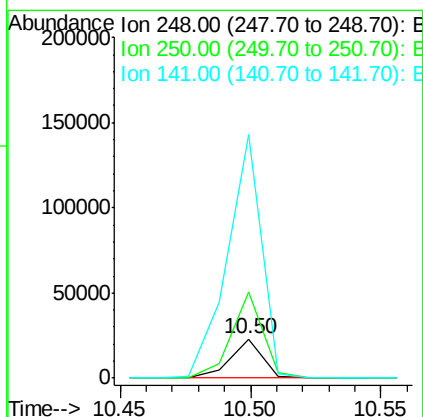
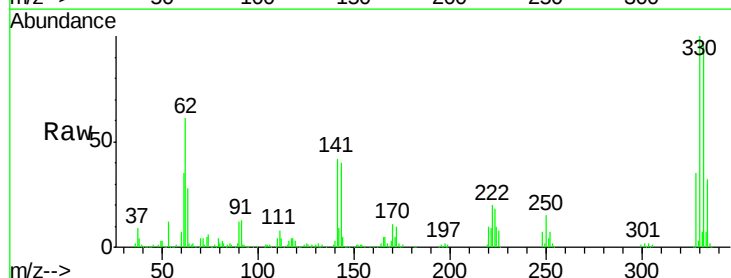
Instrument :
BNA_F
ClientSampleId :
S4-B017(10-12)

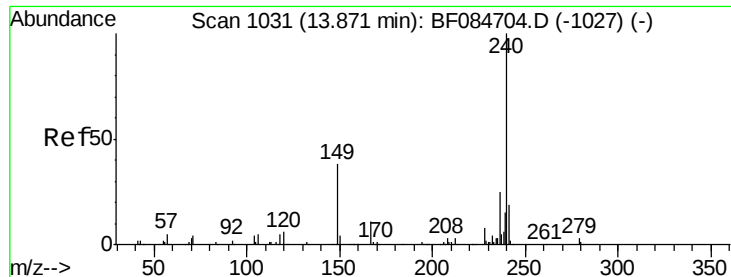
Tgt Ion:188 Resp: 341204
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.4
80 11.3 9.6 14.4



#66
4-Bromophenyl-phenylether
Concen: 5.26 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.26 min
Lab File: BF084847.D
Acq: 4 Feb 2016 23:56

Tgt Ion:248 Resp: 19821
Ion Ratio Lower Upper
248 100
250 218.4 78.4 117.6#
141 620.6 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF084847.D

Acq: 4 Feb 2016 23:56

Instrument :

BNA_F

ClientSampleId :

S4-B017(10-12)

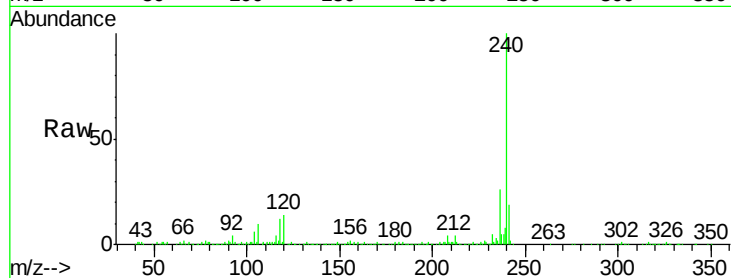
Tgt Ion:240 Resp: 282117

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

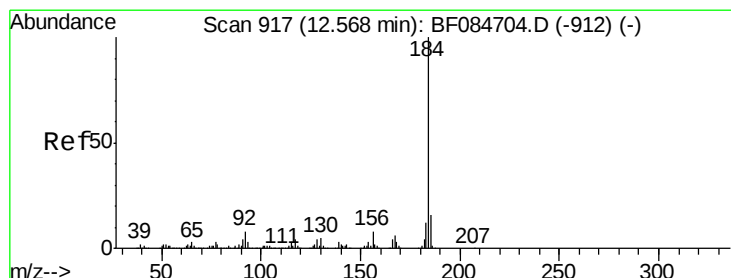
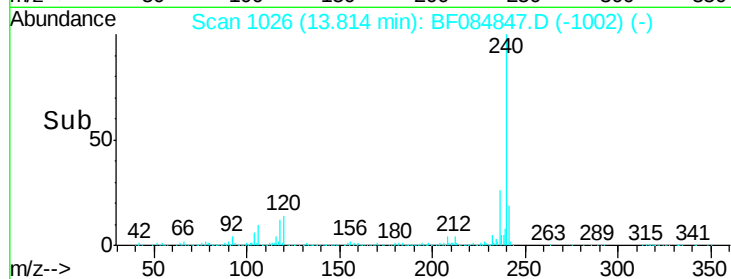
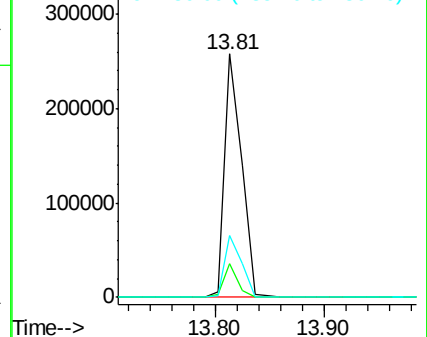
236 25.7 20.6 31.0



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



#76

Benzidine

Concen: 6.97 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF084847.D

Acq: 4 Feb 2016 23:56

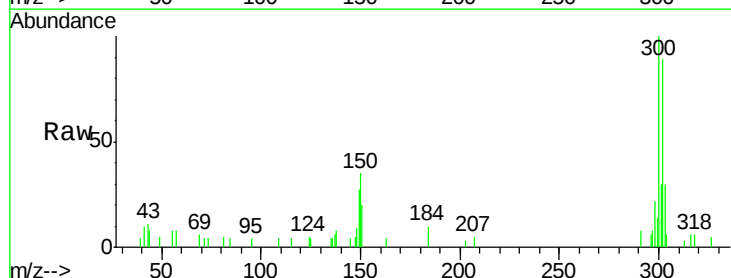
Tgt Ion:184 Resp: 1178

Ion Ratio Lower Upper

184 100

185 0.0 12.2 18.2#

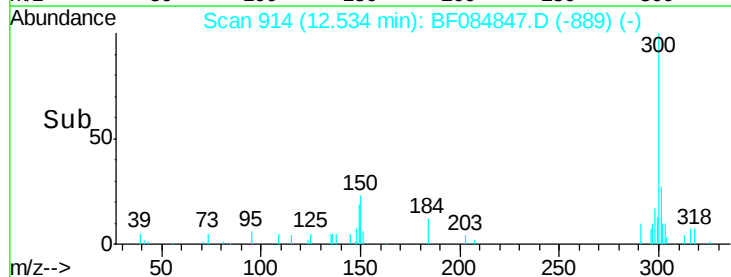
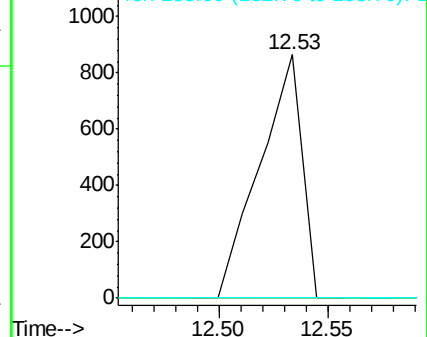
183 0.0 9.8 14.8#

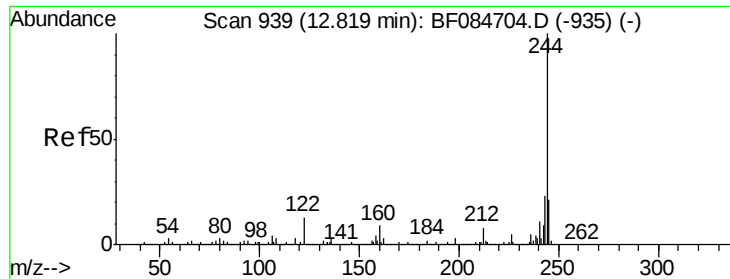


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 77.64 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF084847.D

Acq: 4 Feb 2016 23:56

Instrument :

BNA_F

ClientSampleId :

S4-B017(10-12)

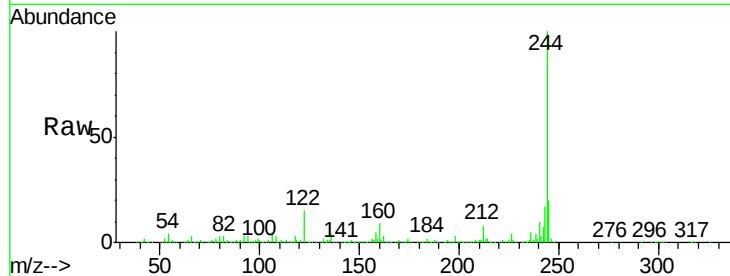
Tgt Ion:244 Resp: 966540

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

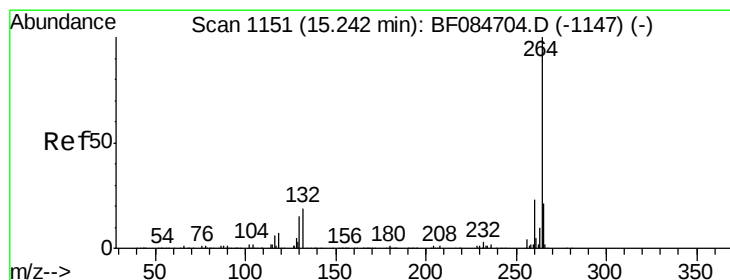
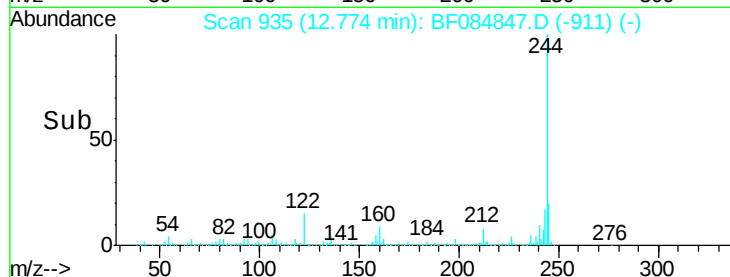
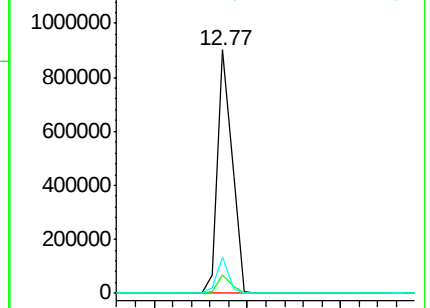
122 15.0 7.4 11.0#



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: 15.20 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF084847.D

Acq: 4 Feb 2016 23:56

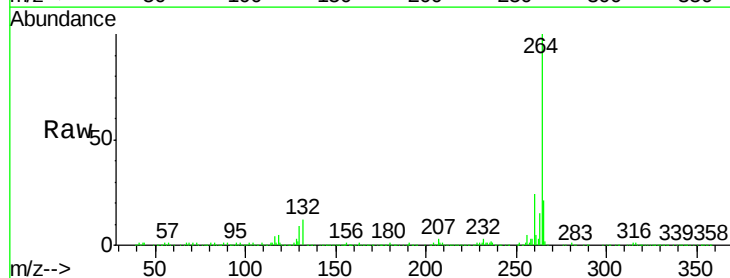
Tgt Ion:264 Resp: 293669

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.4 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

