

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
 Data File : BF086344.D
 Acq On : 21 Apr 2016 8:08
 Operator : UM/SJ
 Sample : H2617-06
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-931EB(N)(8)

Quant Time: Apr 21 08:36:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

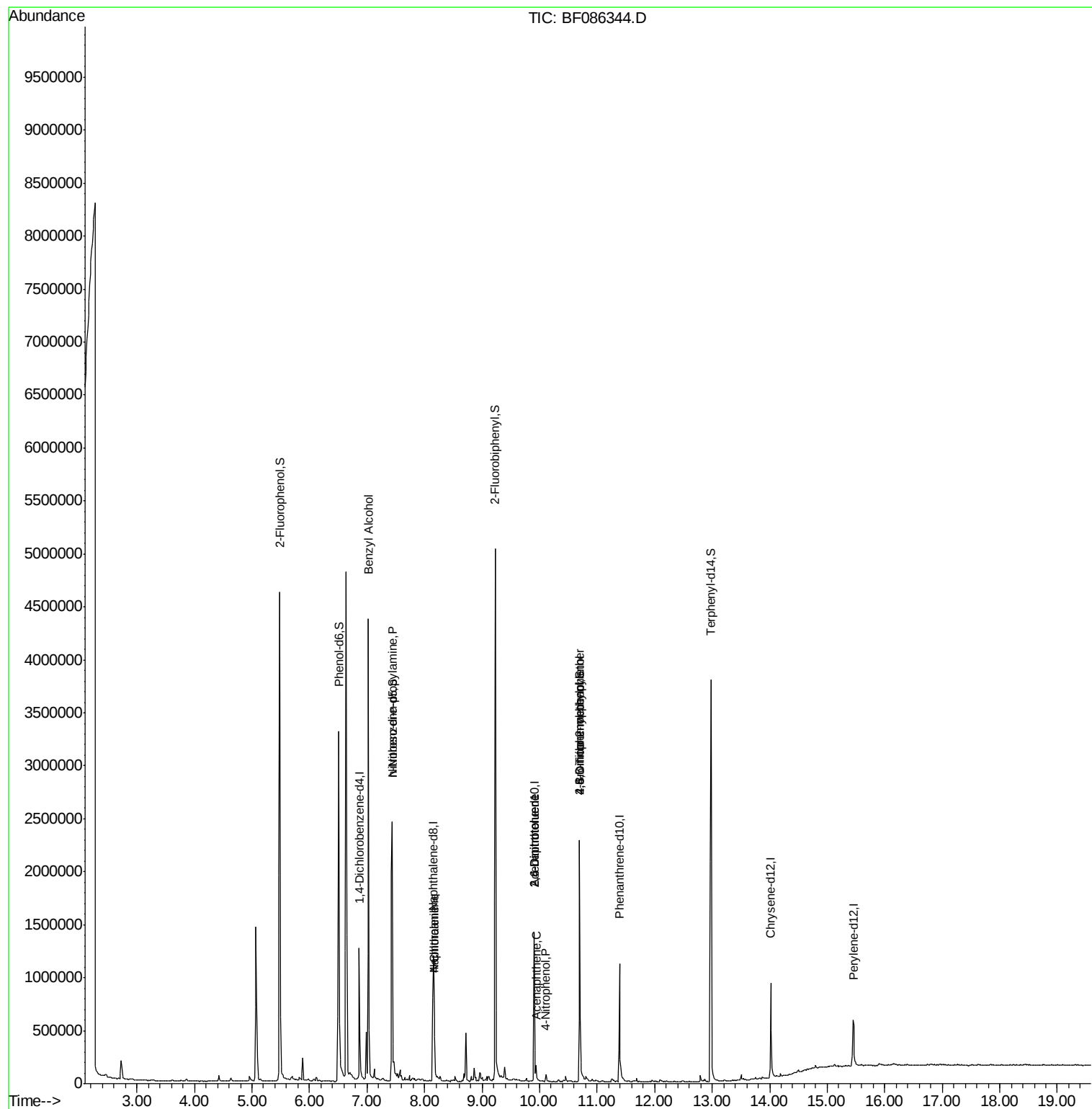
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	219396	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	802939	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	291882	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	490063	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	376101	20.00	ng	-0.03
86) Perylene-d12	15.46	264	262884	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1531201	121.77	ng	0.00
7) Phenol-d6	6.51	99	2030513	123.39	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1270803	90.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	322440	141.73	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	1810999	133.77	ng	-0.03
78) Terphenyl-d14	12.98	244	1437781	91.00	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.02	79	26161	2.56	ng	# 44
19) n-Nitroso-di-n-propylamine	7.44	70	170819	17.14	ng	# 75
31) Naphthalene	8.17	128	357509	9.34	ng	# 97
33) 4-Chloroaniline	8.17	127	45780	2.89	ng	# 33
50) 2,6-Dinitrotoluene	9.90	165	35705	7.81	ng	# 33
51) Acenaphthene	9.94	154	33324	2.09	ng	# 98
55) 4-Nitrophenol	10.11	139	10038	2.78	ng	# 10
56) 2,4-Dinitrotoluene	9.90	165	36766	6.47	ng	# 31
64) 4,6-Dinitro-2-methylphenol	10.69	198	588	6.39	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	19514	3.71	ng	# 1

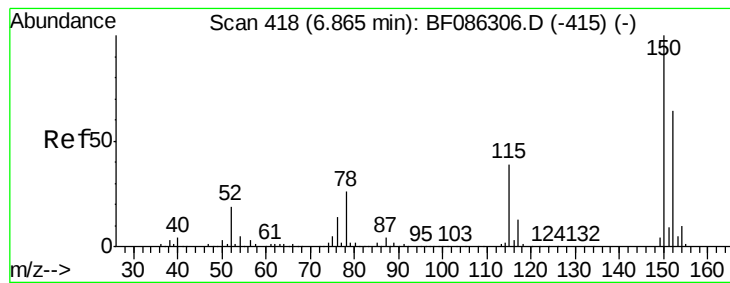
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
Data File : BF086344.D
Acq On : 21 Apr 2016 8:08
Operator : UM/SJ
Sample : H2617-06
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
B-931EB(N)(8)

Quant Time: Apr 21 08:36:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 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: BF086344.D

Acq: 21 Apr 2016 8:08

Instrument :

BNA_F

ClientSampleId :

B-931EB(N)(8)

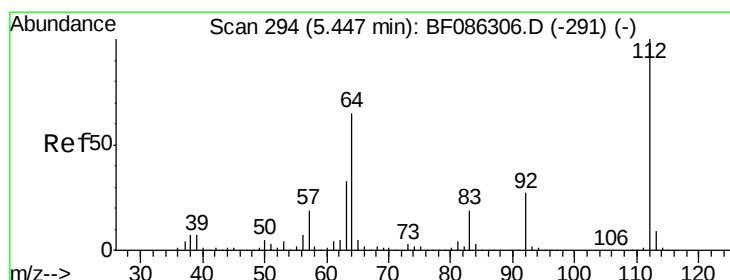
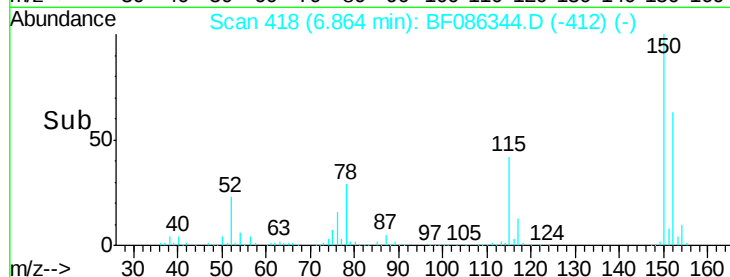
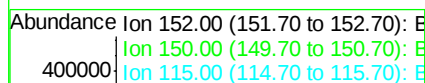
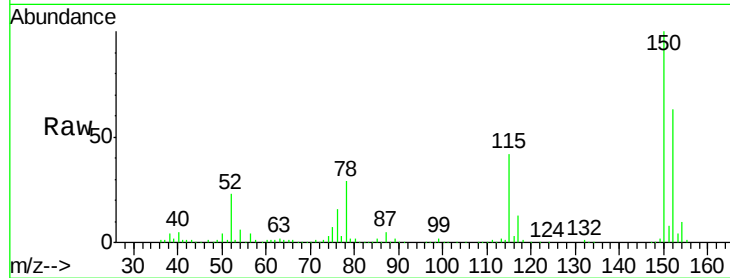
Tgt Ion:152 Resp: 219396

Ion Ratio Lower Upper

152 100

150 158.2 124.1 186.1

115 66.7 43.9 65.9#



#5

2-Fluorophenol

Concen: 121.77 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF086344.D

Acq: 21 Apr 2016 8:08

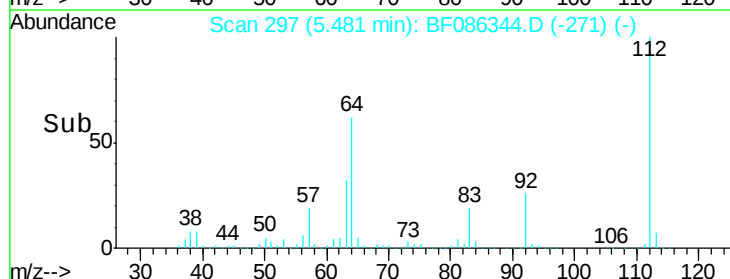
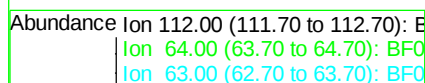
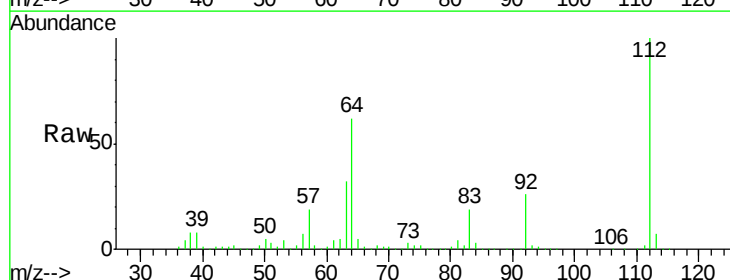
Tgt Ion:112 Resp: 1531201

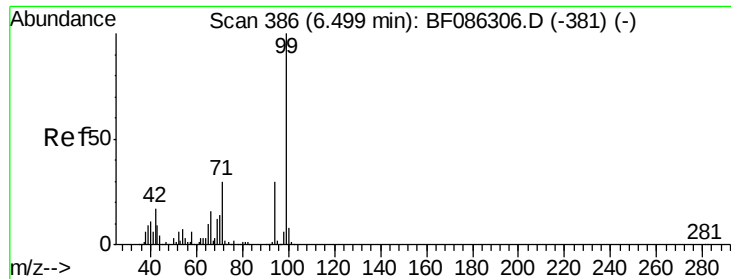
Ion Ratio Lower Upper

112 100

64 61.6 48.1 72.1

63 32.4 25.5 38.3





#7

Phenol-d6

Concen: 123.39 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086344.D

Acq: 21 Apr 2016 8:08

Instrument :

BNA_F

ClientSampleId :

B-931EB(N)(8)

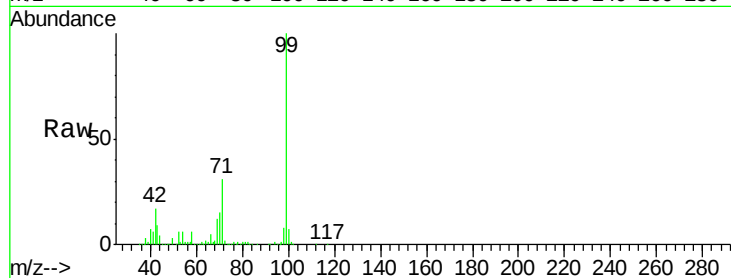
Tgt Ion: 99 Resp: 2030513

Ion Ratio Lower Upper

99 100

42 17.1 15.4 23.2

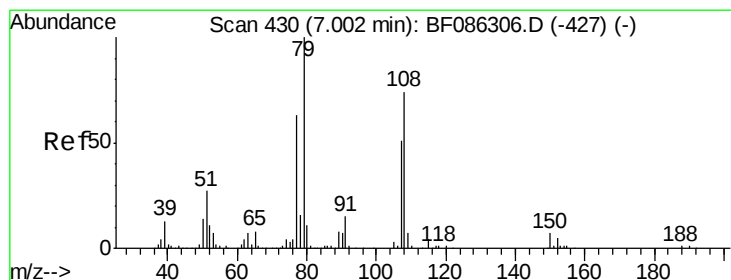
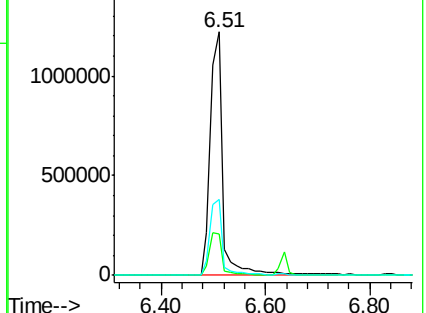
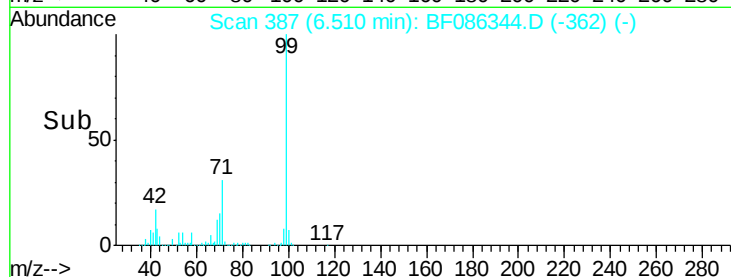
71 31.2 25.6 38.4



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



#15

Benzyl Alcohol

Concen: 2.56 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF086344.D

Acq: 21 Apr 2016 8:08

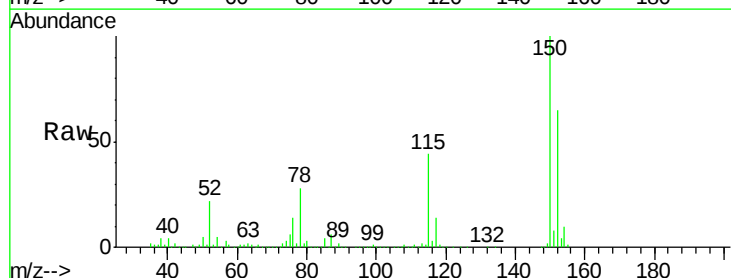
Tgt Ion: 79 Resp: 26161

Ion Ratio Lower Upper

79 100

108 31.0 64.8 97.2#

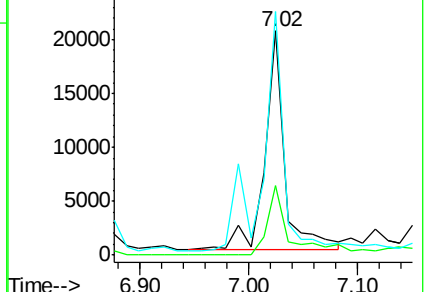
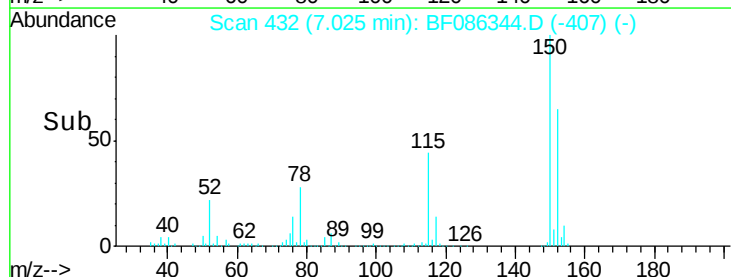
77 108.5 51.9 77.9#

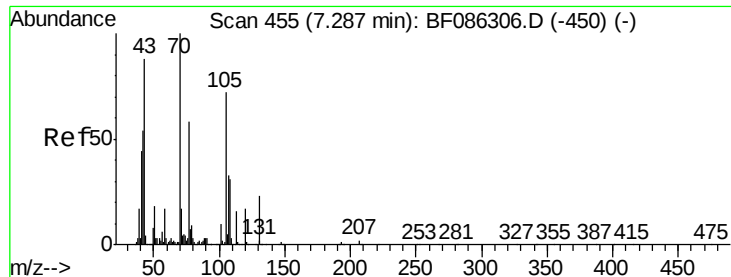


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

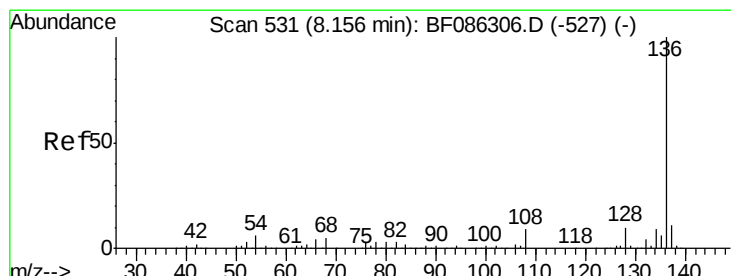
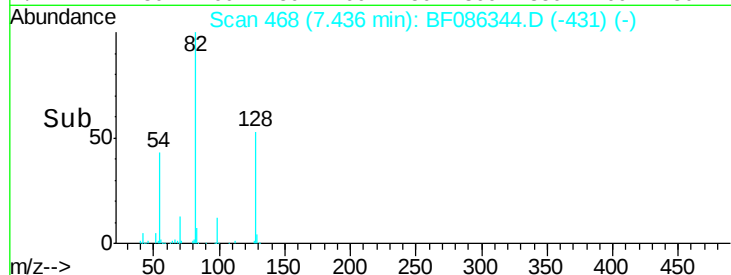
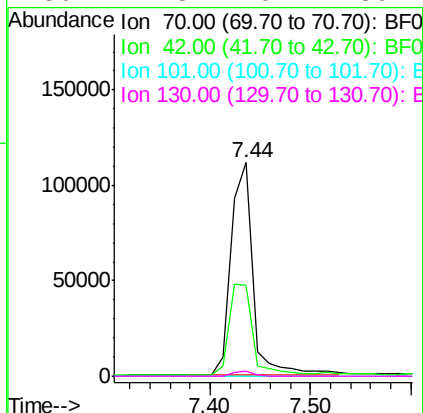
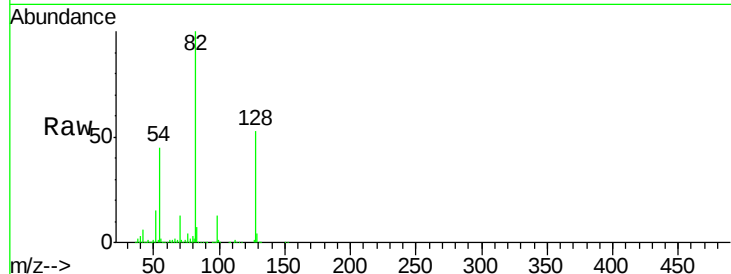




#19
n-Nitroso-di-n-propylamine
Concen: 17.14 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.13 min
Lab File: BF086344.D
Acq: 21 Apr 2016 8:08

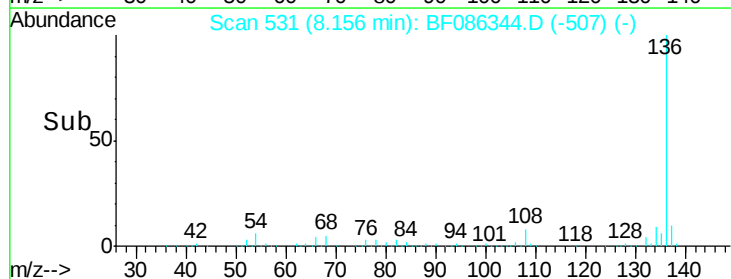
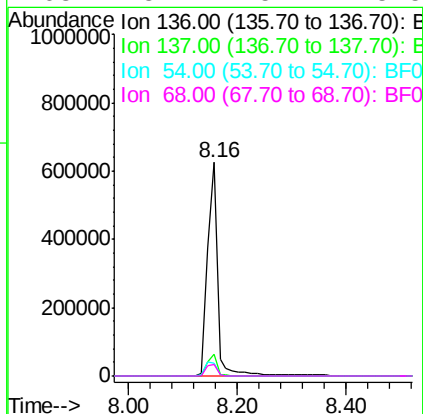
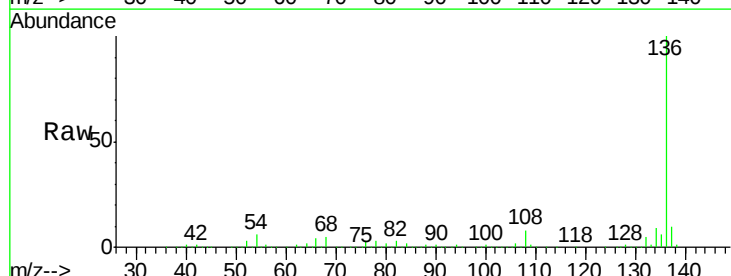
Instrument :
BNA_F
ClientSampleId :
B-931EB(N)(8)

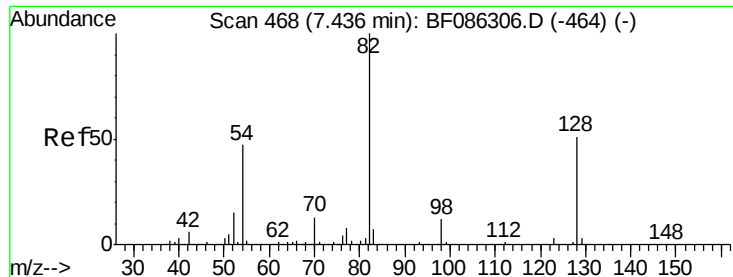
Tgt Ion:	70	Resp:	170819
Ion	Ratio	Lower	Upper
70	100		
42	42.6	43.0	64.4#
101	0.0	8.1	12.1#
130	2.3	20.1	30.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF086344.D
Acq: 21 Apr 2016 8:08

Tgt Ion:	136	Resp:	802939
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	6.1	7.3	10.9#
68	5.4	5.7	8.5#

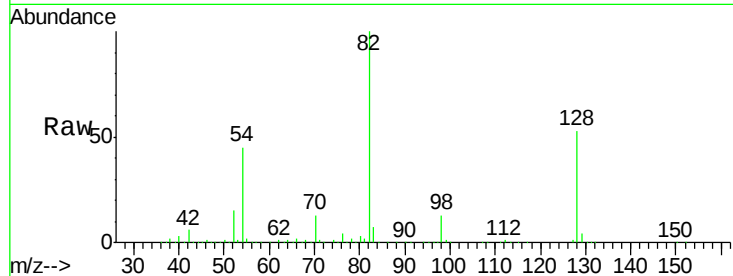




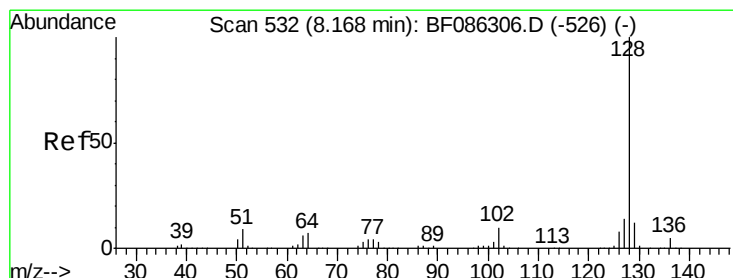
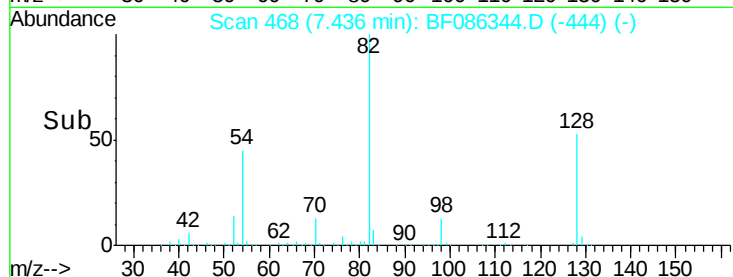
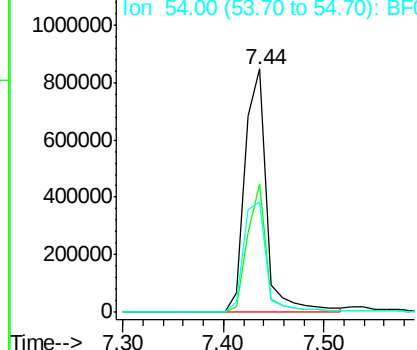
#23
Nitrobenzene-d5
Concen: 90.64 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF086344.D
Acq: 21 Apr 2016 8:08

Instrument :
BNA_F
ClientSampleId :
B-931EB(N)(8)

Tgt Ion: 82 Resp: 1270803
Ion Ratio Lower Upper
82 100
128 52.7 35.4 53.2
54 45.2 43.4 65.0

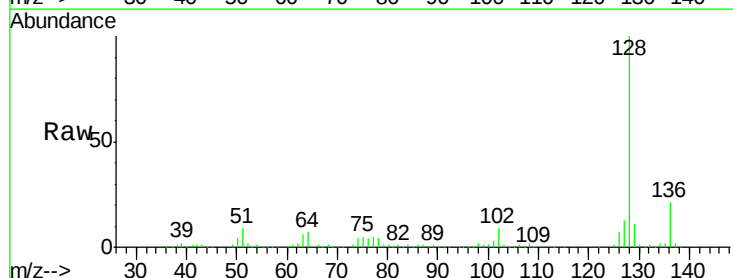


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

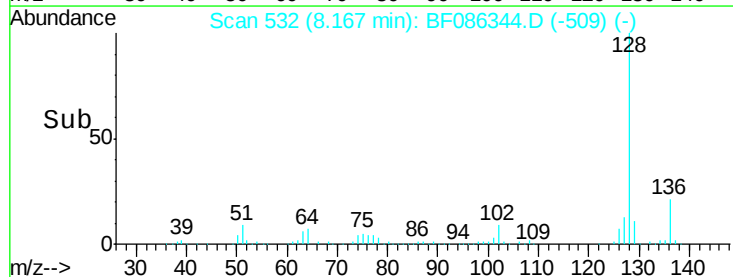
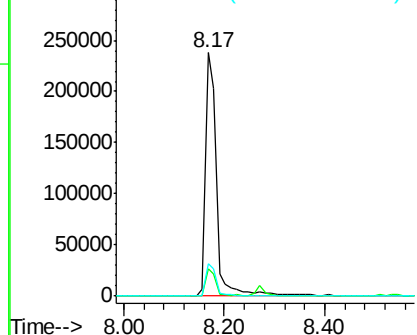


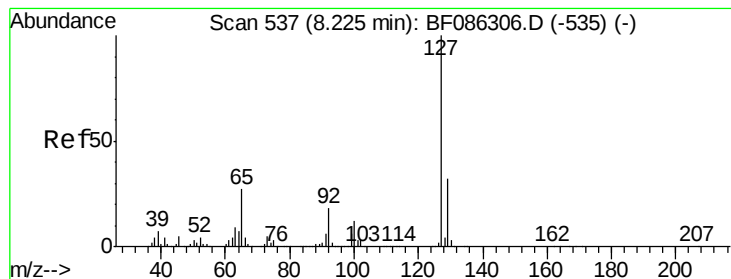
#31
Naphthalene
Concen: 9.34 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF086344.D
Acq: 21 Apr 2016 8:08

Tgt Ion: 128 Resp: 357509
Ion Ratio Lower Upper
128 100
129 11.2 9.6 14.4
127 13.1 11.4 17.2



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





#33

4-Chloroaniline

Concen: 2.89 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.08 min

Lab File: BF086344.D

Acq: 21 Apr 2016 8:08

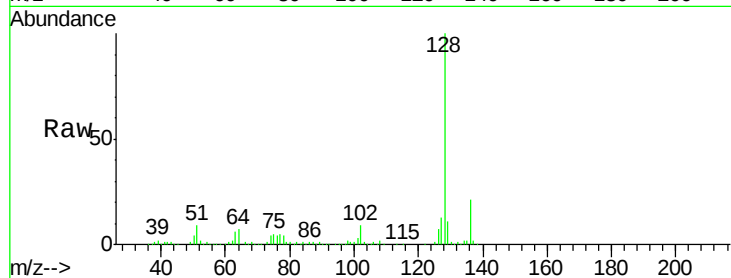
Instrument :

BNA_F

ClientSampleId :

B-931EB(N)(8)

Tgt Ion:	127	Resp:	45780
Ion	Ratio	Lower	Upper
127	100		
129	85.4	26.8	40.2#
65	0.0	27.1	40.7#
92	1.0	16.2	24.2#

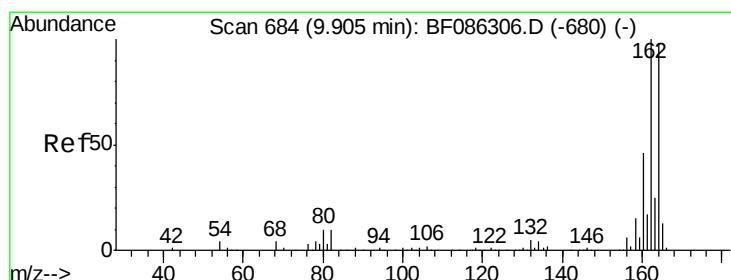
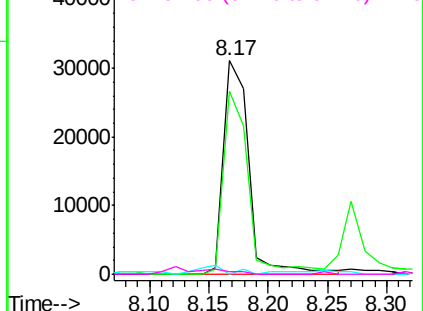
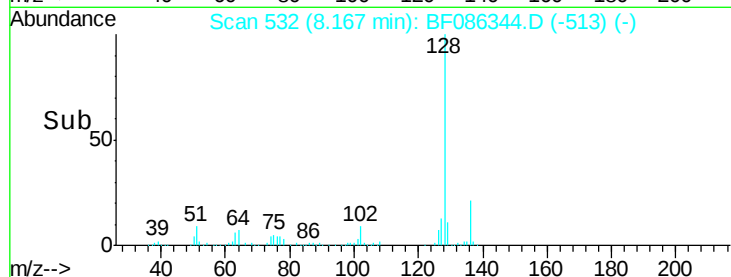


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

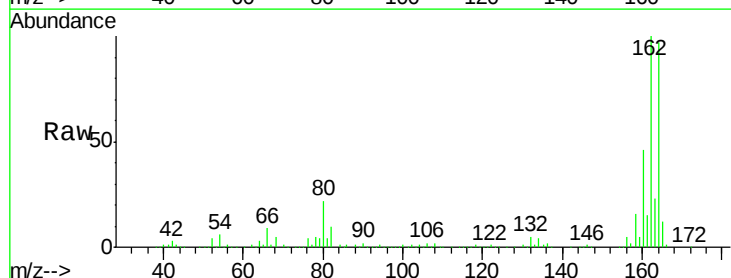
RT: 9.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF086344.D

Acq: 21 Apr 2016 8:08

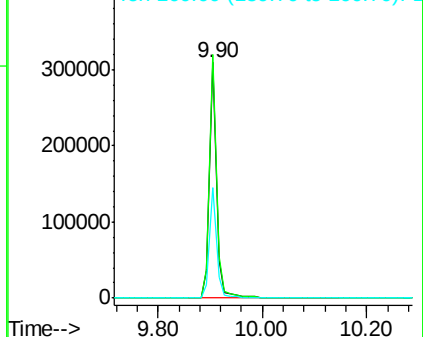
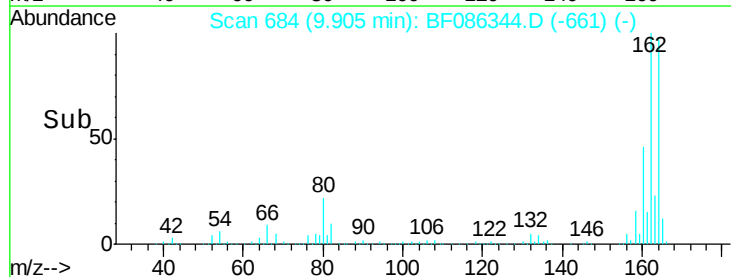
Tgt Ion:	164	Resp:	291882
Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.8	124.2
160	47.1	38.9	58.3

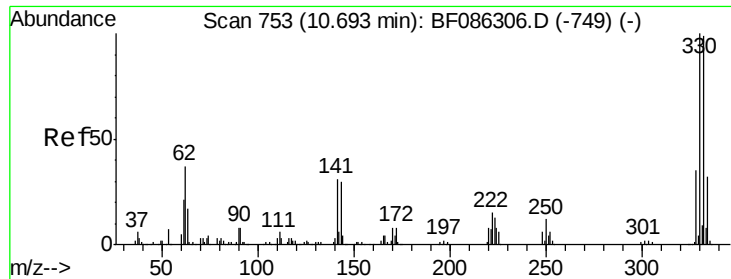


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

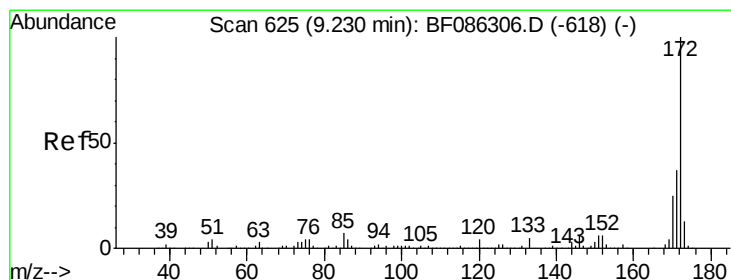
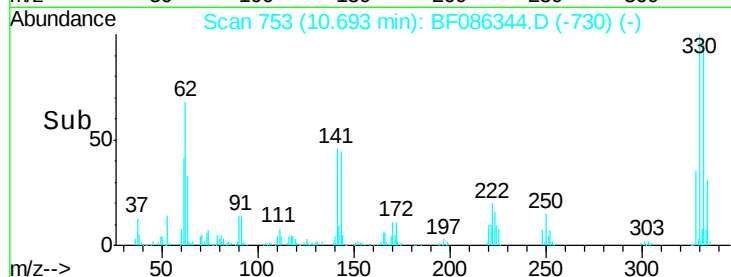
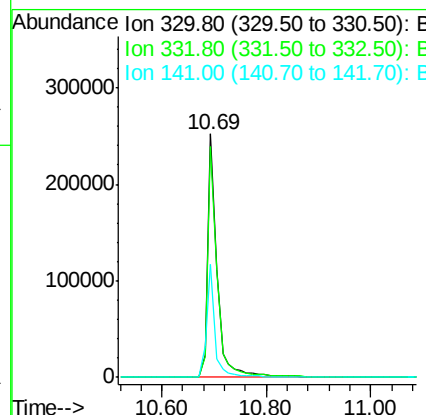
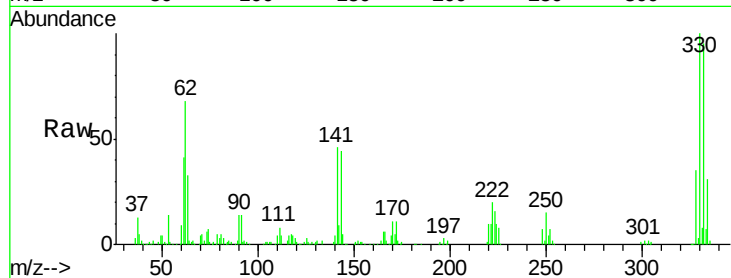




#41
 2,4,6-Tribromophenol
 Concen: 141.73 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086344.D
 Acq: 21 Apr 2016 8:08

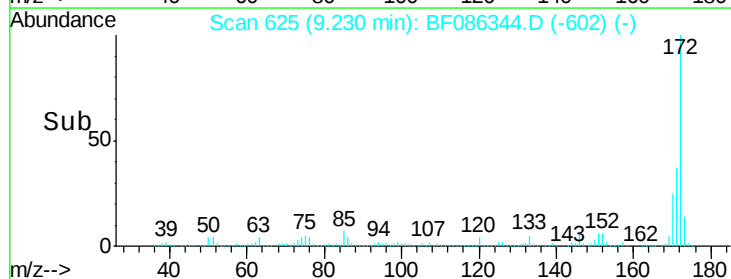
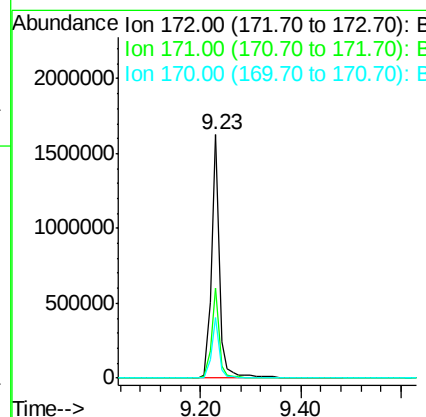
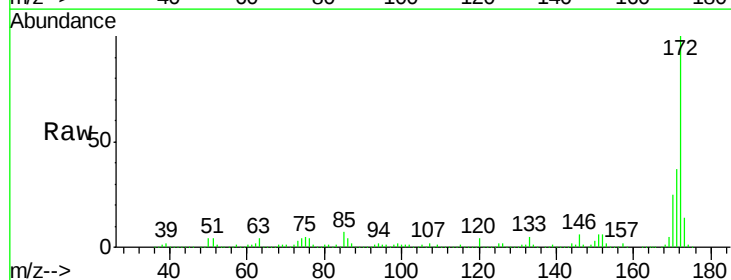
Instrument :
 BNA_F
 ClientSampleId :
 B-931EB(N)(8)

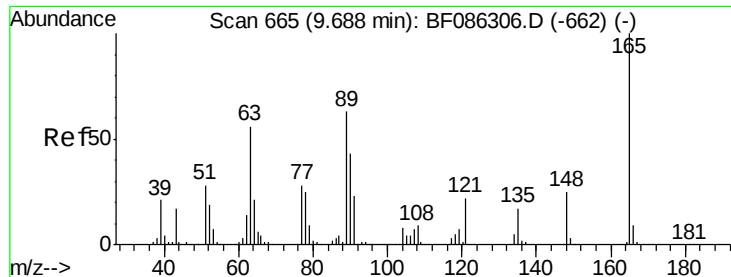
Tgt Ion:330 Resp: 322440
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.7 118.1
 141 41.8 28.6 42.8



#44
 2-Fluorobiphenyl
 Concen: 133.77 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086344.D
 Acq: 21 Apr 2016 8:08

Tgt Ion:172 Resp: 1810999
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.1 43.7
 170 25.1 19.9 29.9

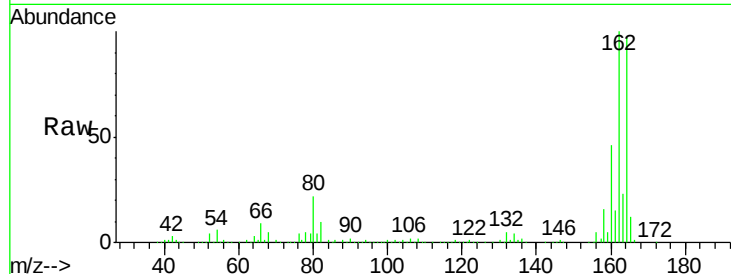




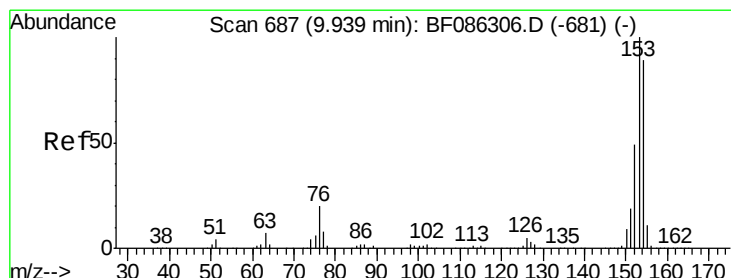
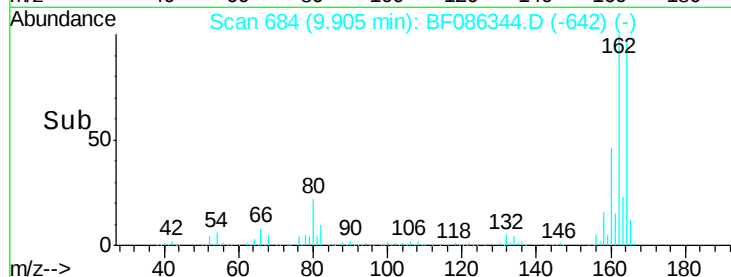
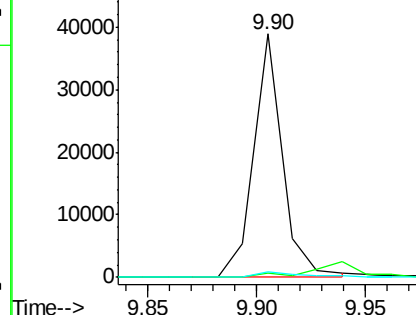
#50
2,6-Dinitrotoluene
Concen: 7.81 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.18 min
Lab File: BF086344.D
Acq: 21 Apr 2016 8:08

Instrument :
BNA_F
ClientSampleId :
B-931EB(N)(8)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	35.1	52.7#
89	2.1	39.8	59.6#

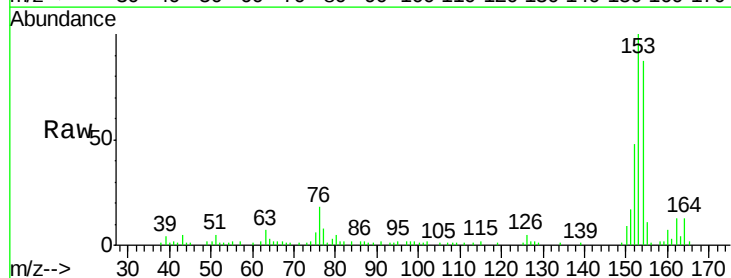


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

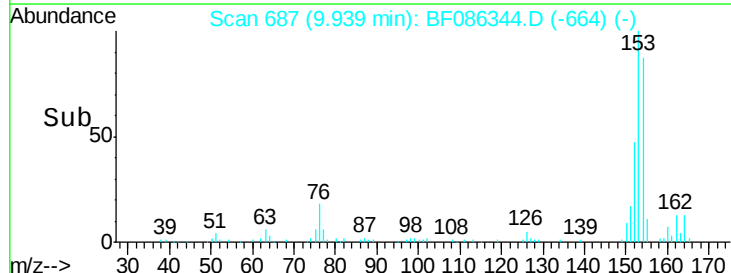
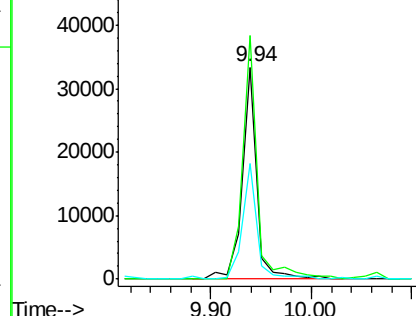


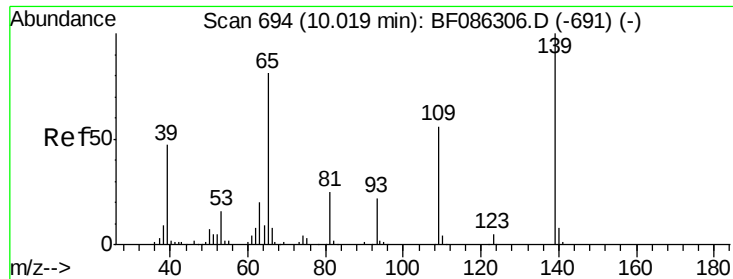
#51
Acenaphthene
Concen: 2.09 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.03 min
Lab File: BF086344.D
Acq: 21 Apr 2016 8:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.9	90.0	135.0
152	54.8	44.3	66.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#55

4-Nitrophenol

Concen: 2.78 ng

RT: 10.11 min Scan# 702

Delta R.T. 0.08 min

Lab File: BF086344.D

Acq: 21 Apr 2016 8:08

Instrument :

BNA_F

ClientSampleId :

B-931EB(N)(8)

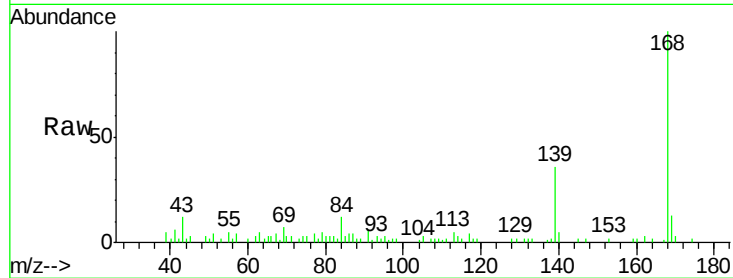
Tgt Ion:139 Resp: 10038

Ion Ratio Lower Upper

139 100

109 5.8 55.0 95.0#

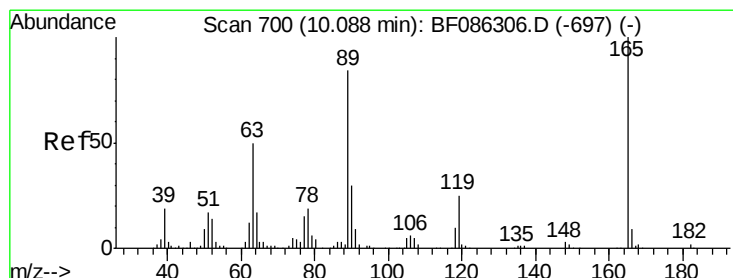
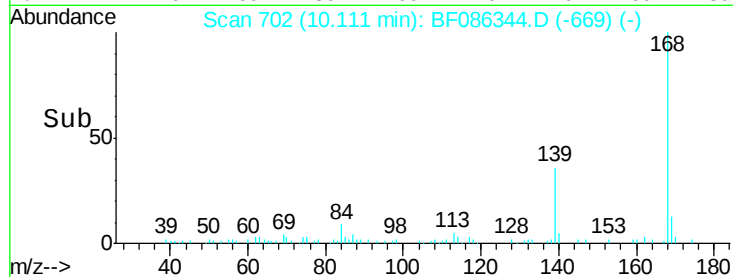
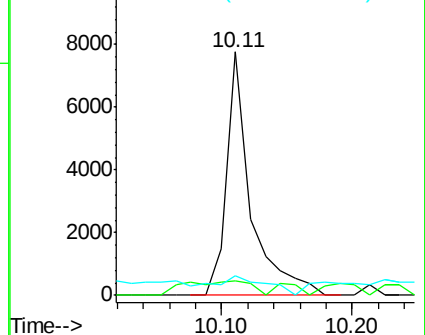
65 8.0 87.3 127.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.47 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.22 min

Lab File: BF086344.D

Acq: 21 Apr 2016 8:08

Tgt Ion:165 Resp: 36766

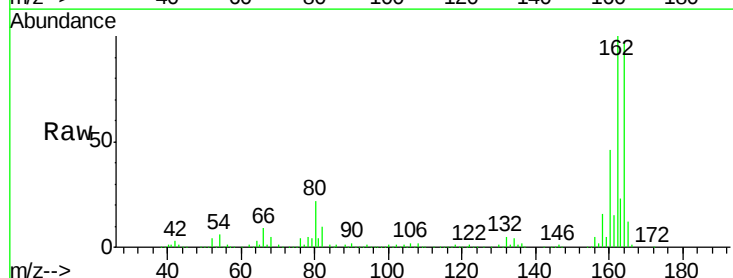
Ion Ratio Lower Upper

165 100

63 1.7 26.6 40.0#

89 2.1 49.5 74.3#

182 0.0 1.9 2.9#

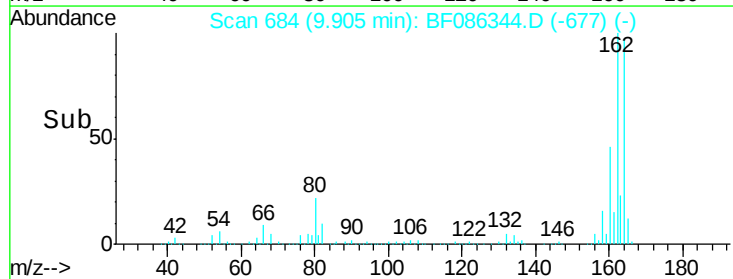
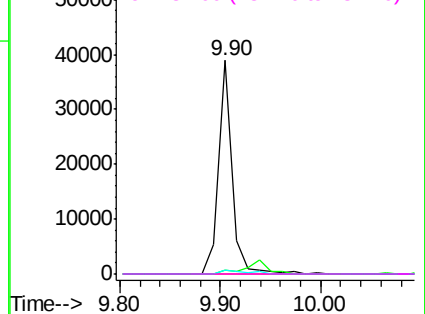


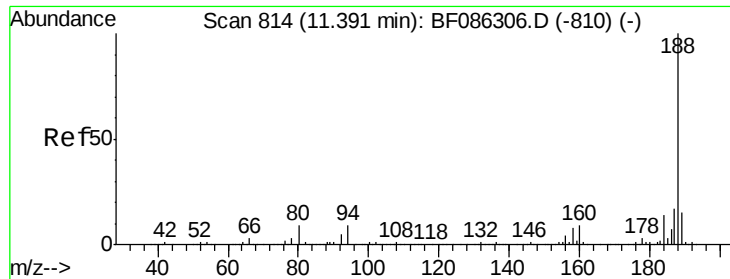
Abundance Ion 165.00 (164.70 to 165.70): E

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

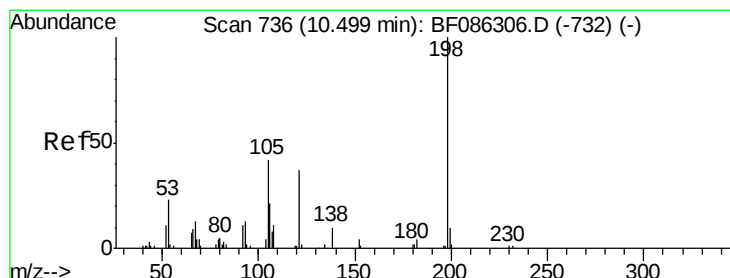
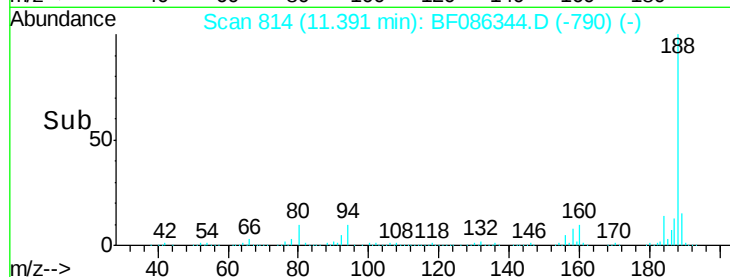
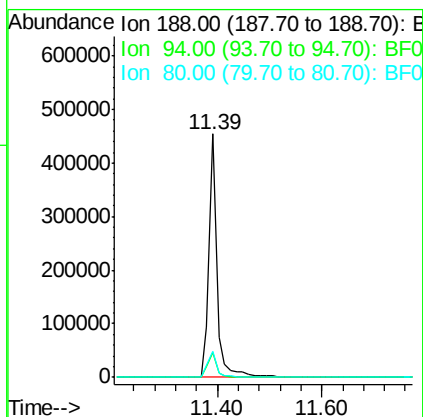
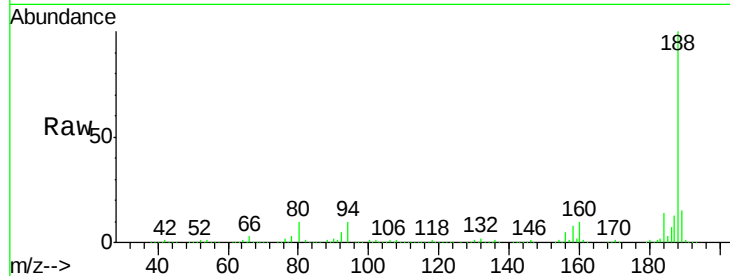




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF086344.D
 Acq: 21 Apr 2016 8:08

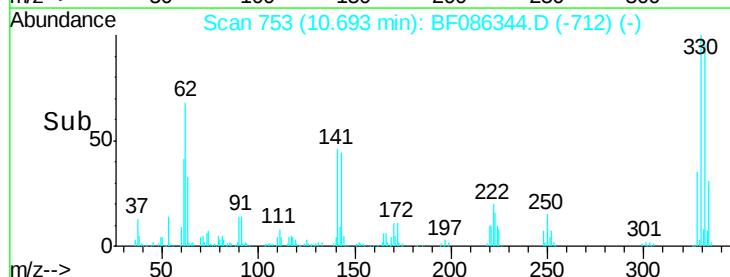
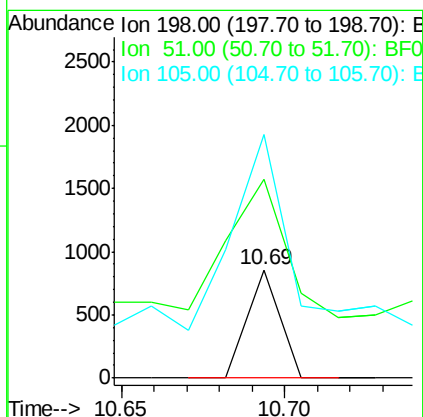
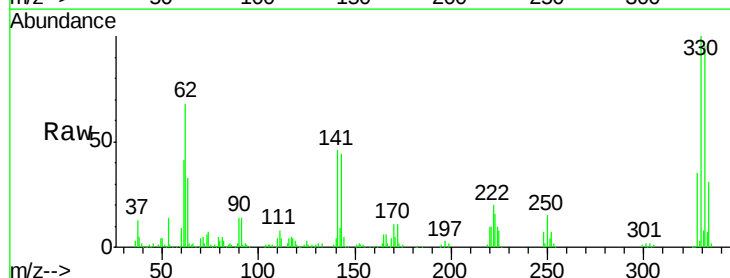
Instrument :
 BNA_F
 ClientSampleId :
 B-931EB(N)(8)

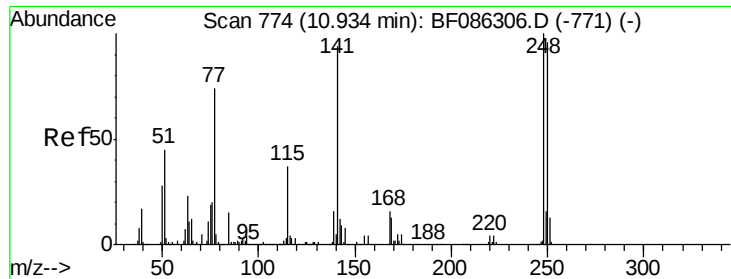
Tgt Ion:188 Resp: 490063
 Ion Ratio Lower Upper
 188 100
 94 10.0 9.8 14.8
 80 10.5 10.5 15.7



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.39 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.17 min
 Lab File: BF086344.D
 Acq: 21 Apr 2016 8:08

Tgt Ion:198 Resp: 588
 Ion Ratio Lower Upper
 198 100
 51 183.0 56.5 96.5#
 105 224.7 48.0 88.0#

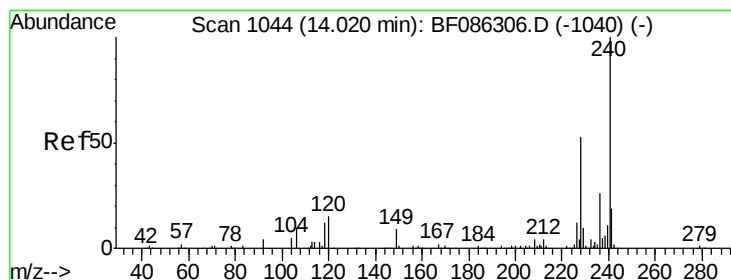
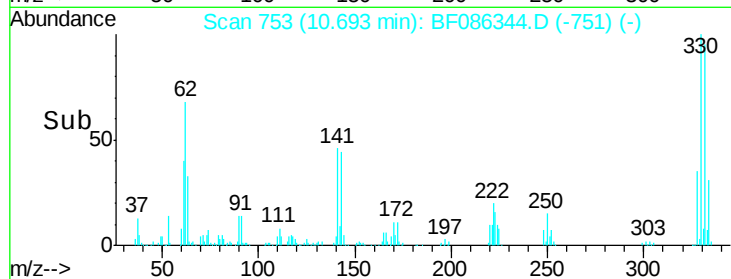
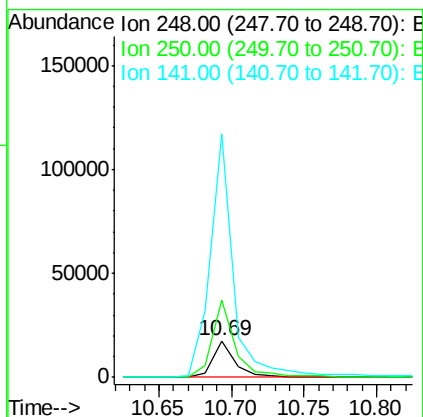
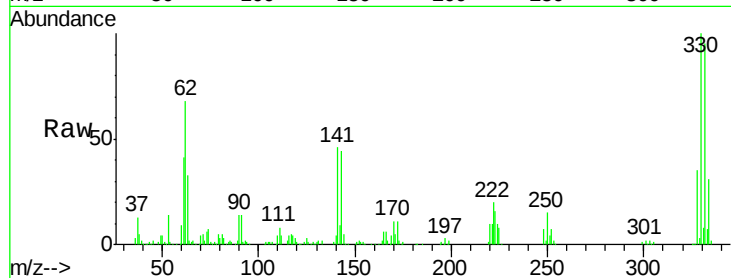




#66
 4-Bromophenyl-phenylether
 Concen: 3.71 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.27 min
 Lab File: BF086344.D
 Acq: 21 Apr 2016 8:08

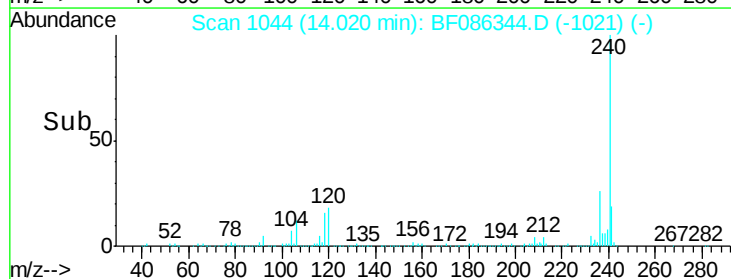
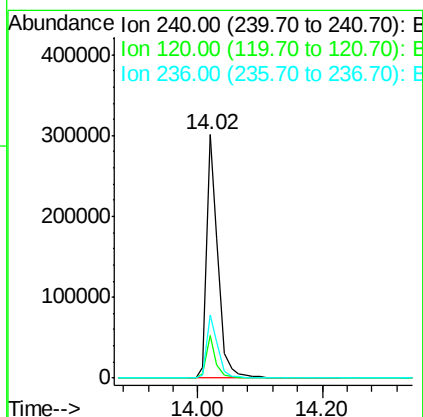
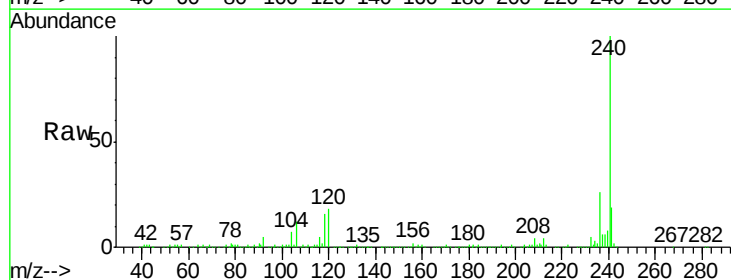
Instrument :
 BNA_F
 ClientSampleId :
 B-931EB(N)(8)

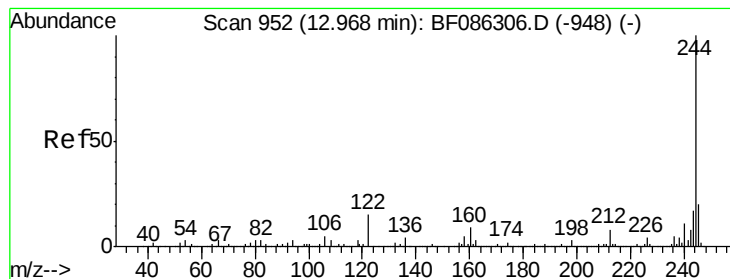
Tgt Ion:248 Resp: 19514
 Ion Ratio Lower Upper
 248 100
 250 210.3 78.6 118.0#
 141 667.1 57.9 86.9#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.03 min
 Lab File: BF086344.D
 Acq: 21 Apr 2016 8:08

Tgt Ion:240 Resp: 376101
 Ion Ratio Lower Upper
 240 100
 120 17.6 9.3 13.9#
 236 25.7 21.1 31.7





#78

Terphenyl-d14

Concen: 91.00 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF086344.D

Acq: 21 Apr 2016 8:08

Instrument :

BNA_F

ClientSampleId :

B-931EB(N)(8)

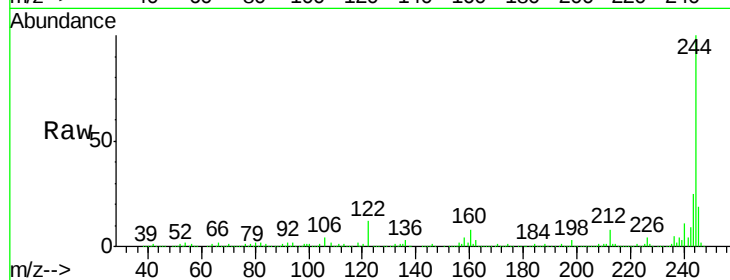
Tgt Ion:244 Resp: 1437781

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

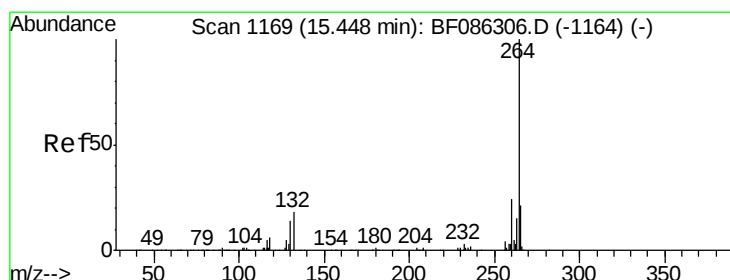
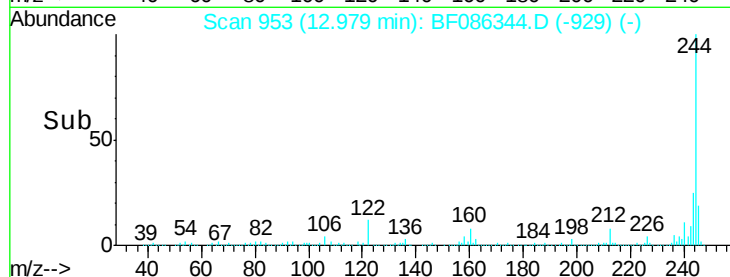
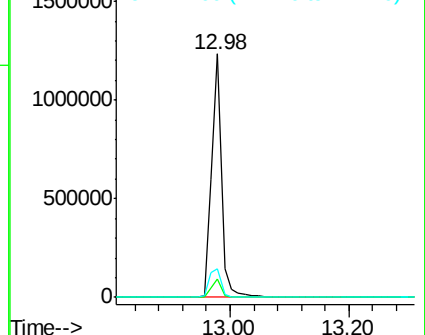
122 12.0 11.7 17.5



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. -0.02 min

Lab File: BF086344.D

Acq: 21 Apr 2016 8:08

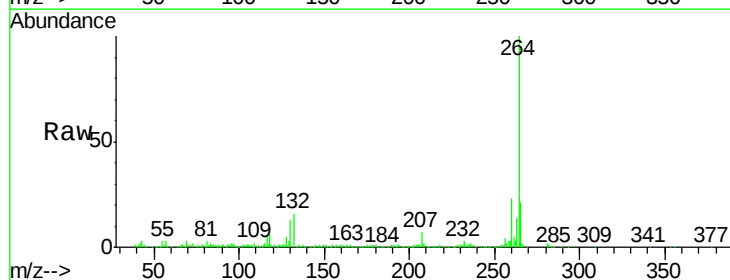
Tgt Ion:264 Resp: 262884

Ion Ratio Lower Upper

264 100

260 23.4 20.0 30.0

265 20.7 17.4 26.0



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

