

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086518.D
 Acq On : 30 Apr 2016 12:37
 Operator : UM/SJ
 Sample : PB90117BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:19:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

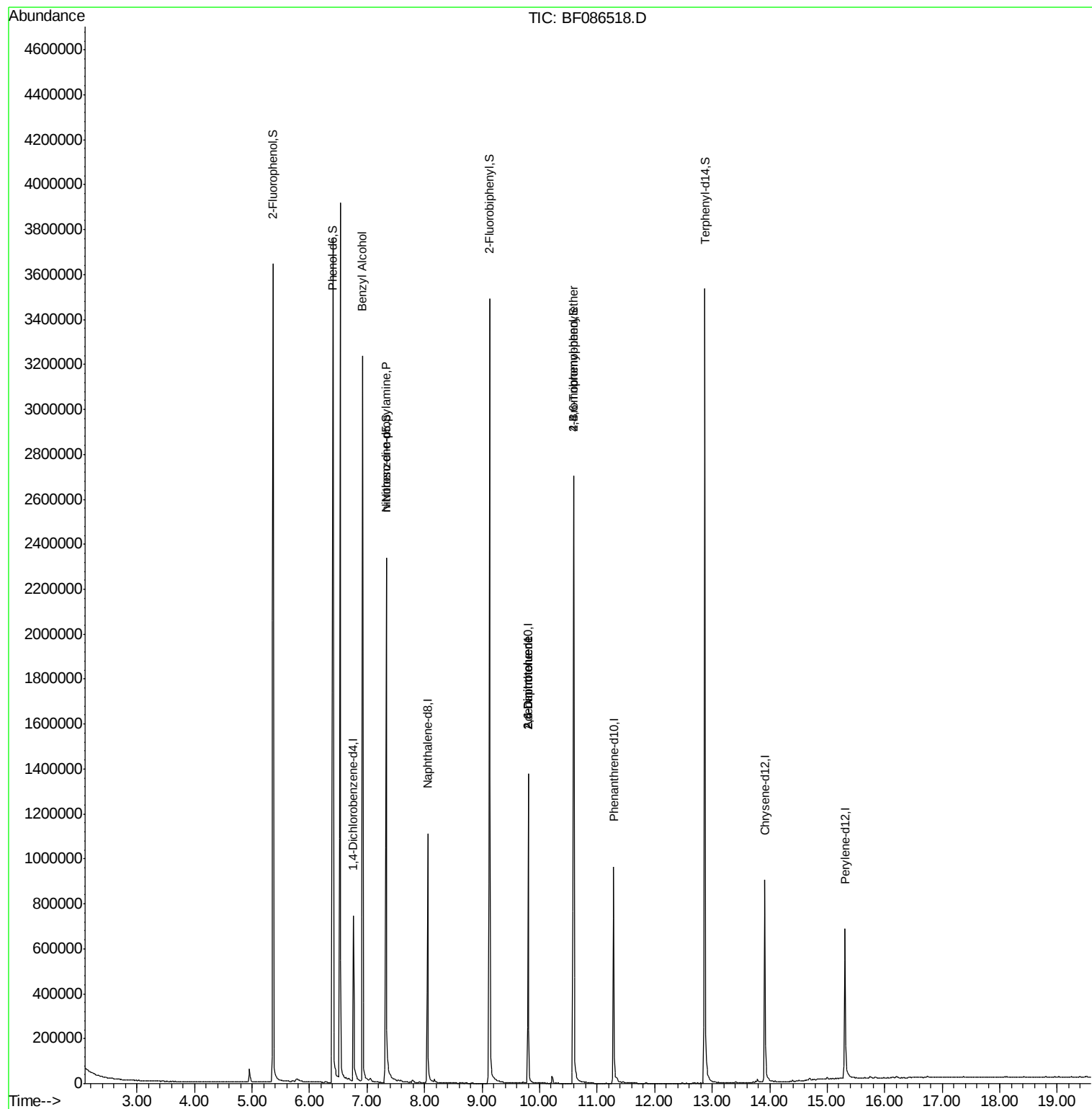
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	126086	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	583728	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	274370	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	552476	20.00	ng	0.00
75) Chrysene-d12	13.92	240	498300	20.00	ng	0.00
86) Perylene-d12	15.31	264	390632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1073870	146.91	ng	0.01
7) Phenol-d6	6.41	99	1363894	133.69	ng	0.00
23) Nitrobenzene-d5	7.33	82	901673	83.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	335047	115.80	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1392818	89.95	ng	-0.01
78) Terphenyl-d14	12.88	244	1589850	70.29	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.92	79	14432	2.24	ng	# 41
19) n-Nitroso-di-n-propylamine	7.33	70	121513	18.02	ng	# 79
50) 2,6-Dinitrotoluene	9.80	165	34131	8.00	ng	# 20
56) 2,4-Dinitrotoluene	9.80	165	34133	6.27	ng	# 16
66) 4-Bromophenyl-phenylether	10.59	248	19876	3.49	ng	# 1

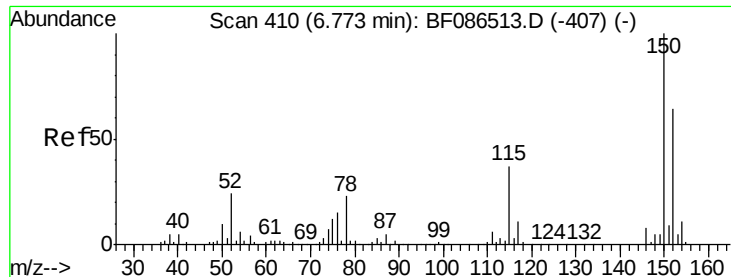
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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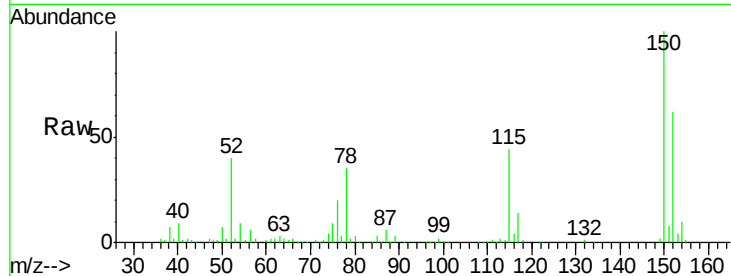


#1

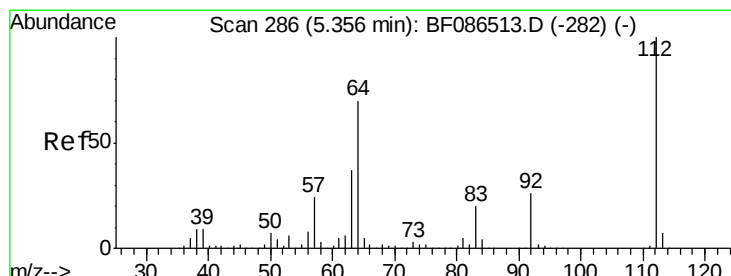
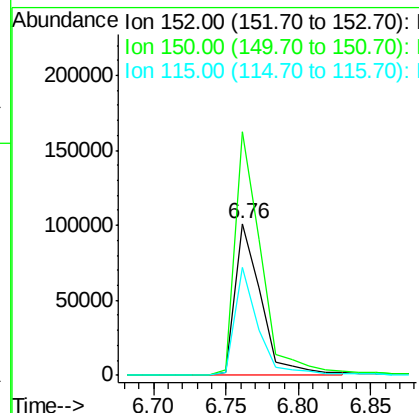
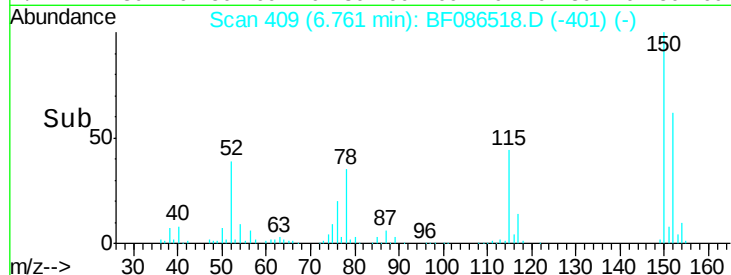
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086518.D
Acq: 30 Apr 2016 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126086
Ion Ratio Lower Upper
152 100
150 160.7 125.8 188.6
115 71.4 51.5 77.3



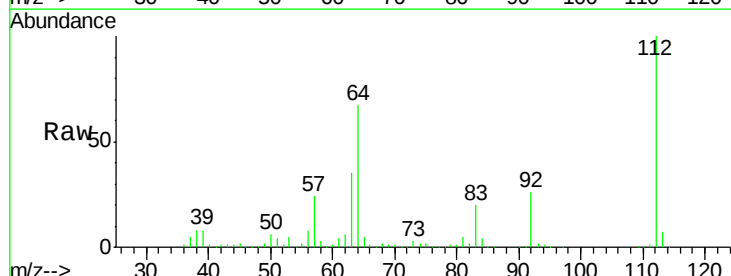
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



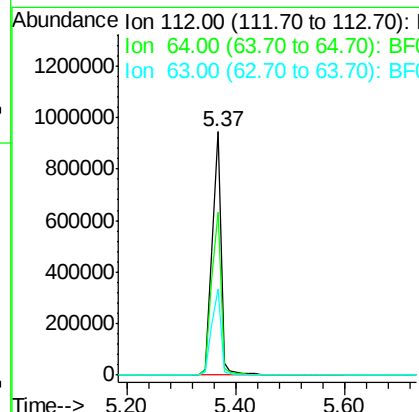
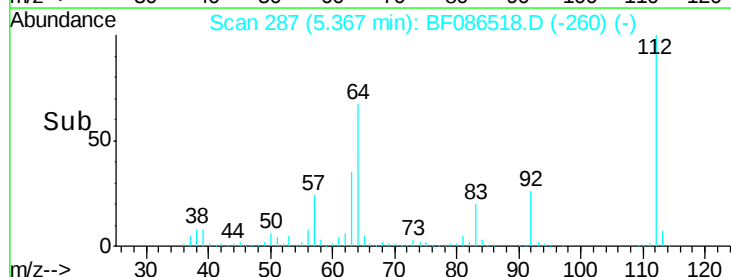
#5

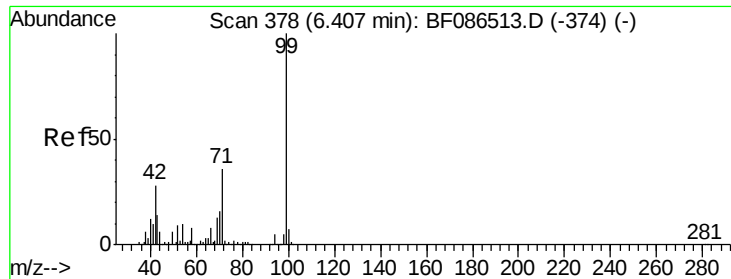
2-Fluorophenol
Concen: 146.91 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF086518.D
Acq: 30 Apr 2016 12:37

Tgt Ion:112 Resp: 1073870
Ion Ratio Lower Upper
112 100
64 66.8 52.1 78.1
63 35.3 25.7 38.5



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: 133.69 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF086518.D

Acq: 30 Apr 2016 12:37

Instrument :

BNA_F

ClientSampleId :

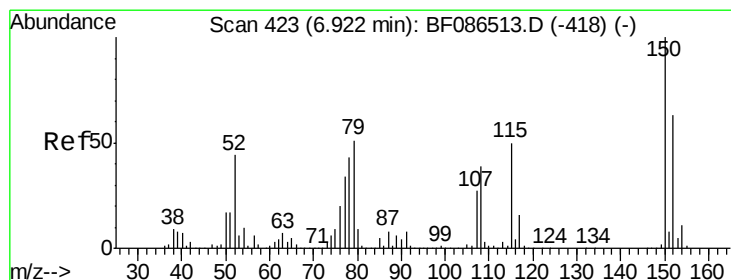
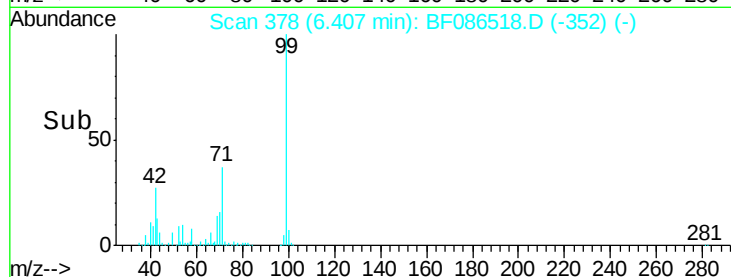
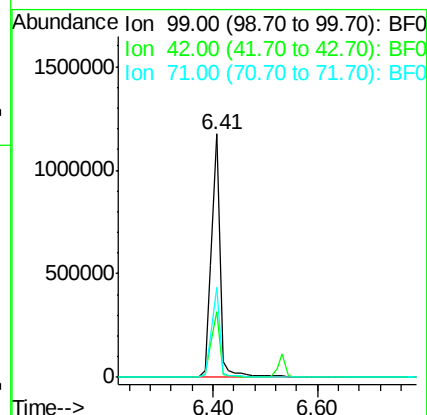
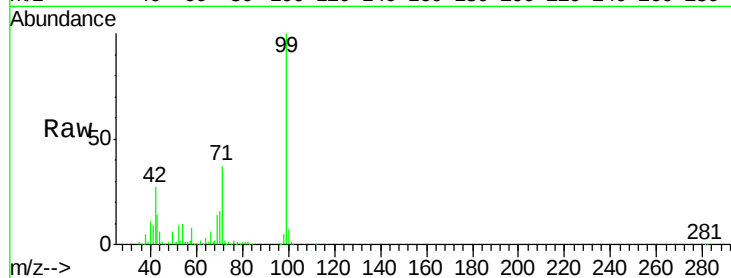
Tot Ion: 99 Resp: 1363894

Ion Ratio Lower Upper

99 100

42 27.1 13.6 20.4#

71 36.9 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.24 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF086518.D

Acq: 30 Apr 2016 12:37

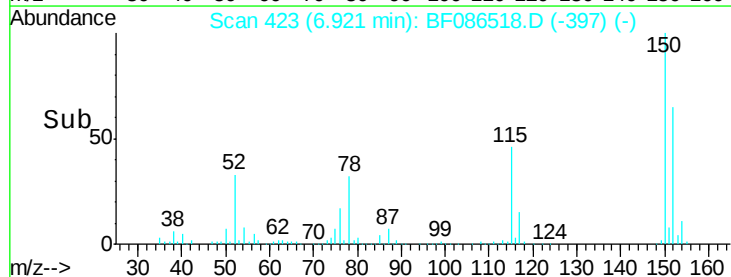
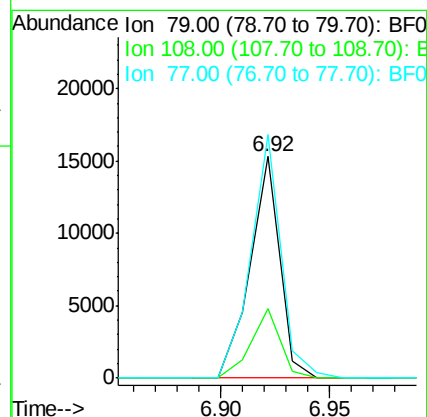
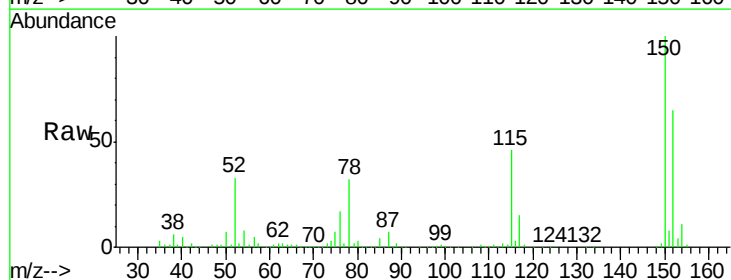
Tgt Ion: 79 Resp: 14432

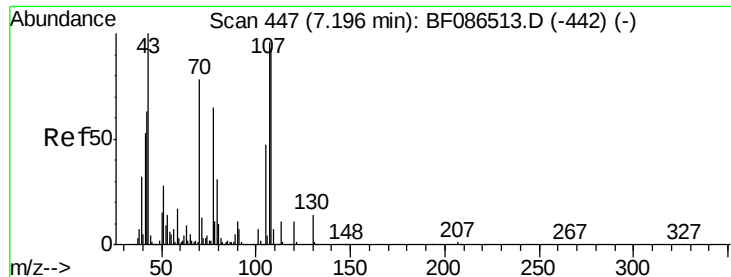
Ion Ratio Lower Upper

79 100

108 31.4 68.4 102.6#

77 109.8 50.6 76.0#

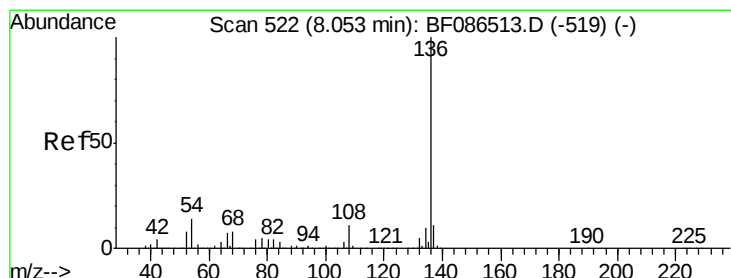
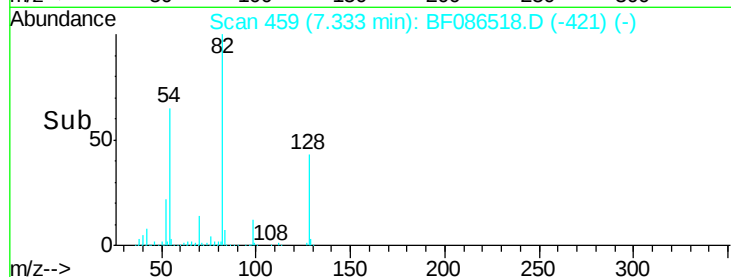
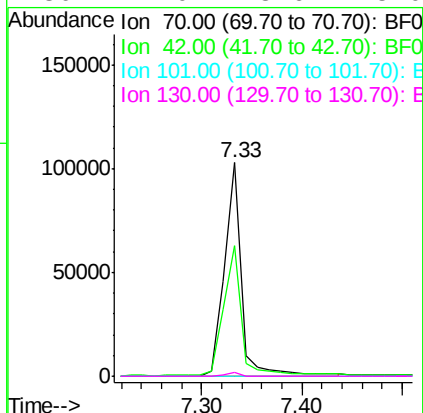
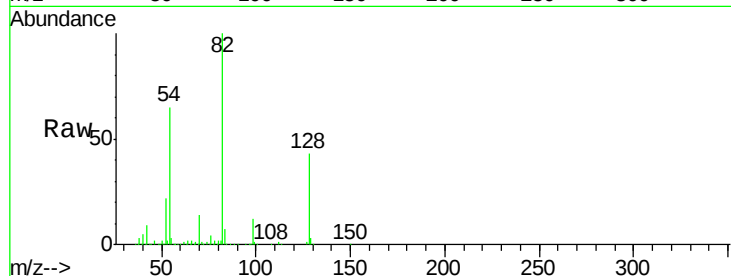




#19
n-Nitroso-di-n-propylamine
Concen: 18.02 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF086518.D
Acq: 30 Apr 2016 12:37

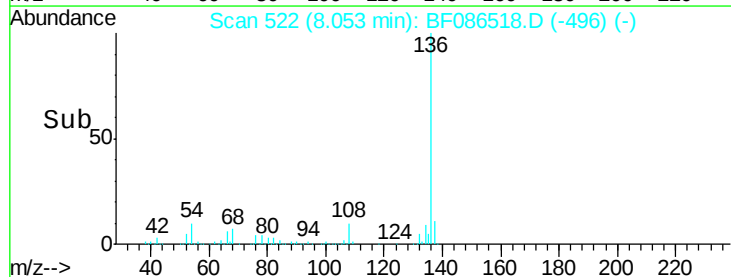
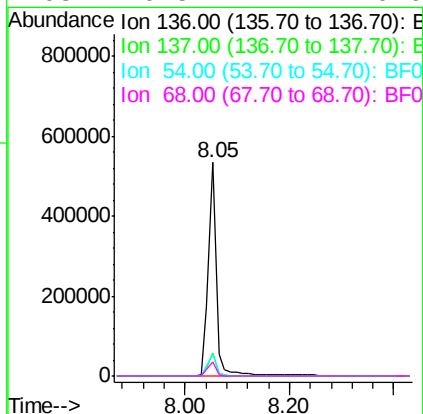
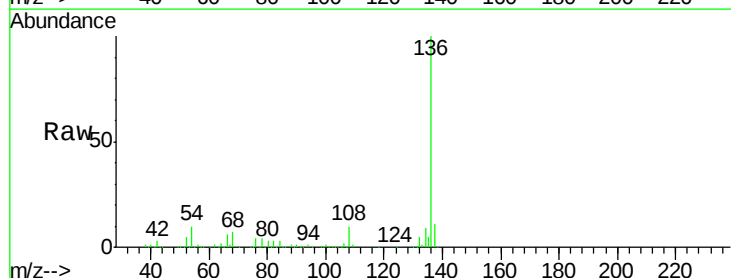
Instrument :
BNA_F
ClientSampleId :

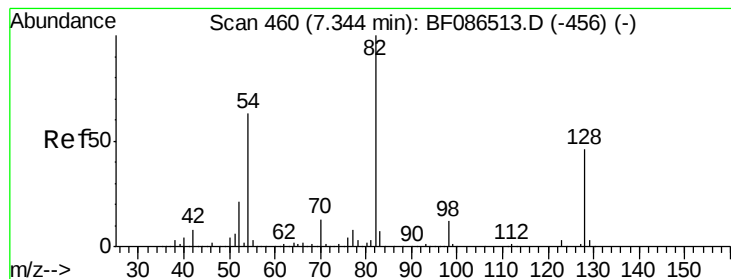
Tot Ion	Ratio	Lower	Upper
70	100		
42	61.4	43.1	64.7
101	0.0	8.1	12.1#
130	2.0	18.6	28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF086518.D
Acq: 30 Apr 2016 12:37

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.3	5.0	7.4#
68	6.5	4.4	6.6





#23

Nitrobenzene-d5

Concen: 83.26 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF086518.D

Acq: 30 Apr 2016 12:37

Instrument :

BNA_F

ClientSampleId :

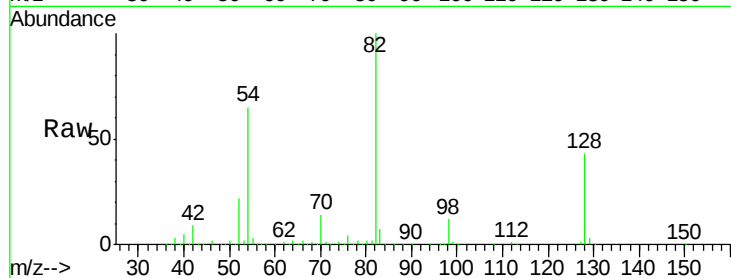
Tot Ion: 82 Resp: 901673

Ion Ratio Lower Upper

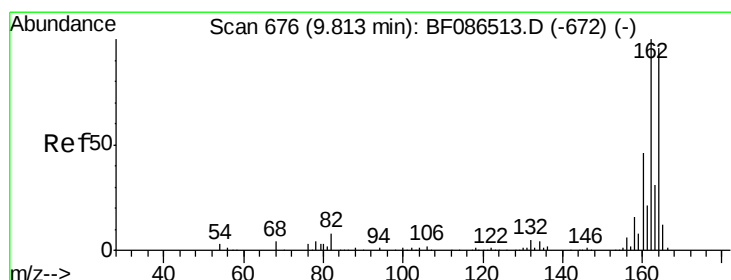
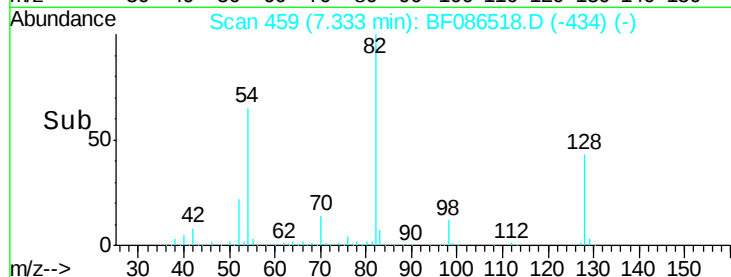
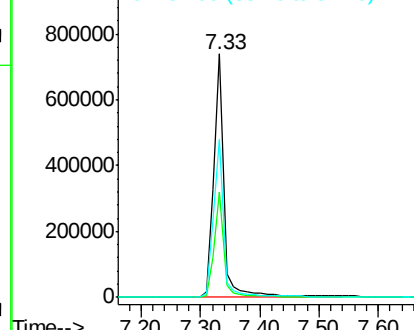
82 100

128 43.3 40.6 61.0

54 65.1 38.1 57.1#



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: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086518.D

Acq: 30 Apr 2016 12:37

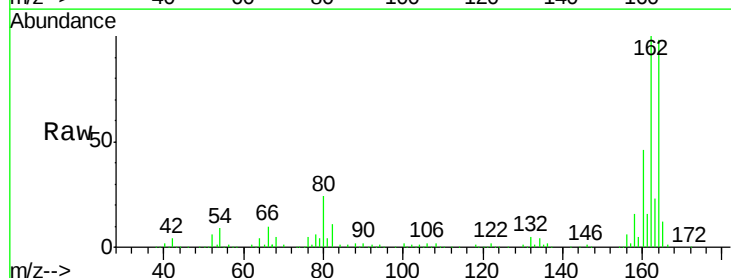
Tgt Ion:164 Resp: 274370

Ion Ratio Lower Upper

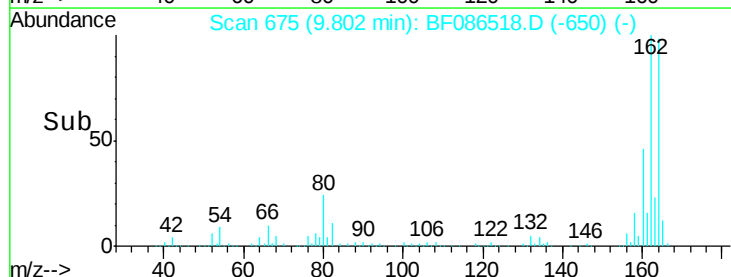
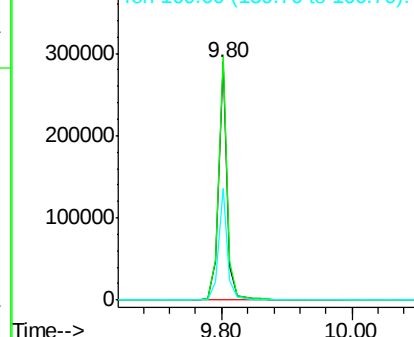
164 100

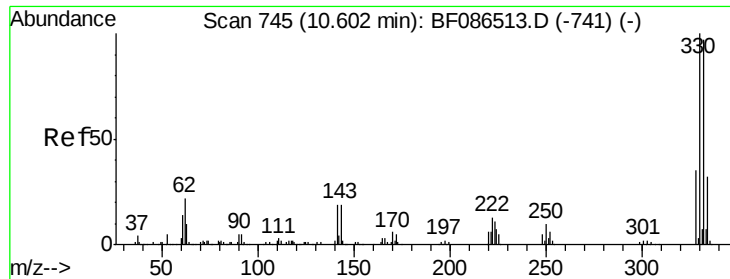
162 102.1 82.8 124.2

160 46.8 36.9 55.3



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

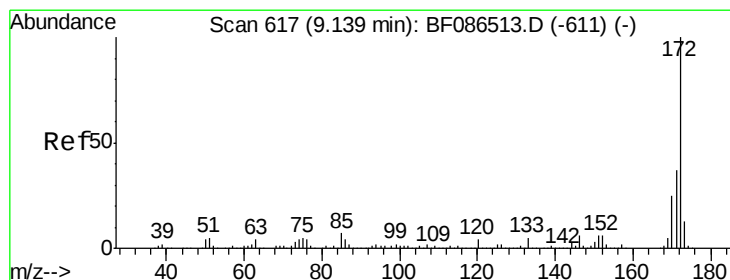
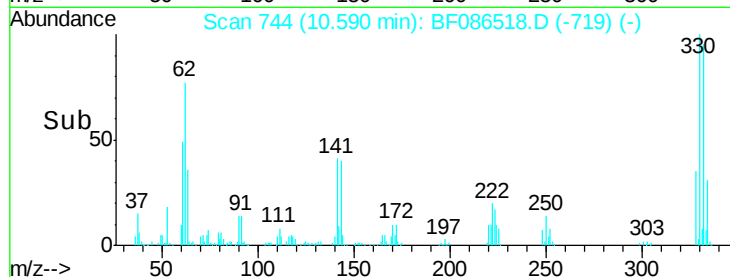
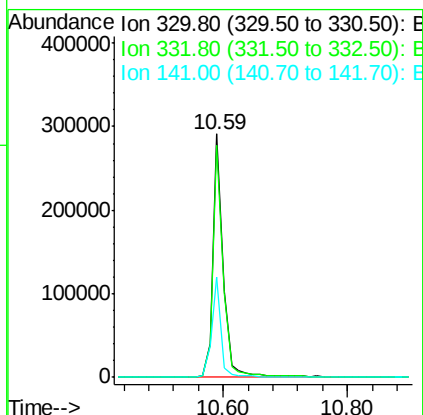
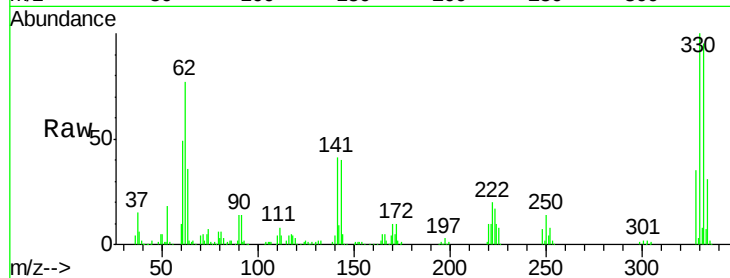




#41
 2,4,6-Tribromophenol
 Concen: 115.80 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086518.D
 Acq: 30 Apr 2016 12:37

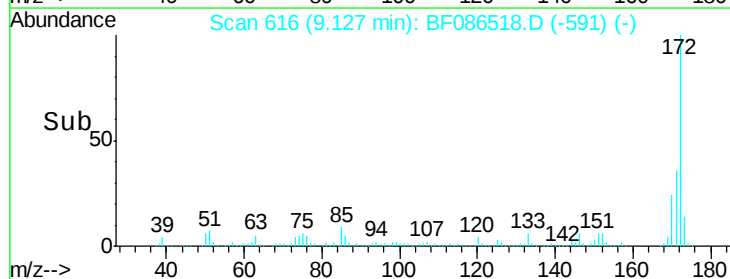
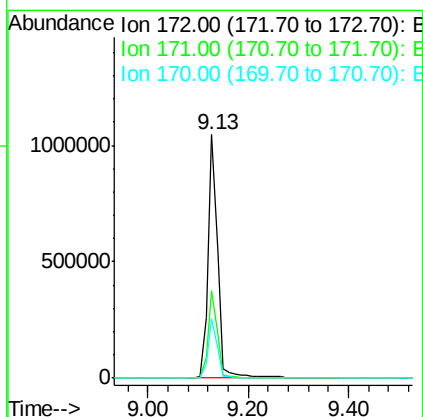
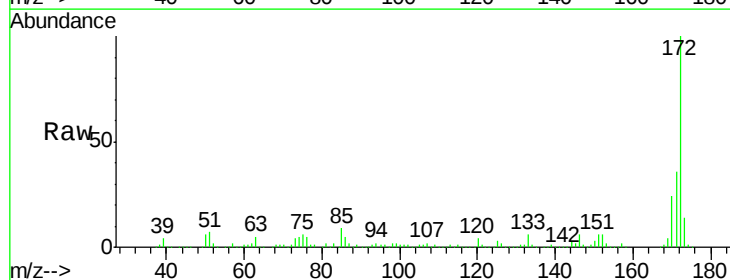
Instrument :
 BNA_F
 ClientSampleId :

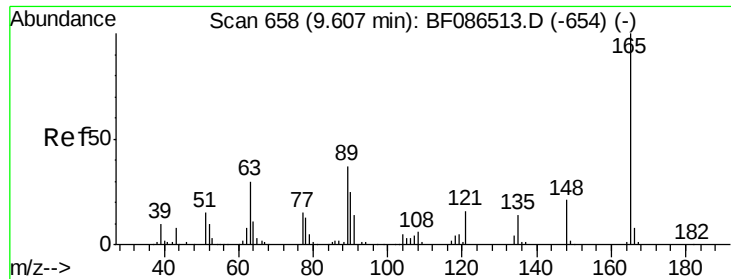
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	38.6	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 89.95 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086518.D
 Acq: 30 Apr 2016 12:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.4	19.8	29.8

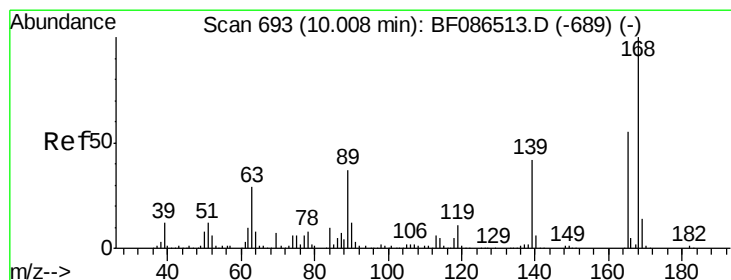
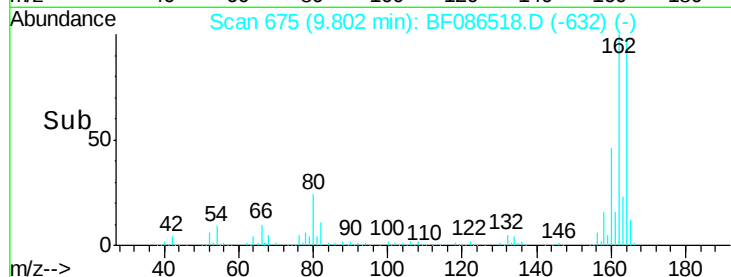
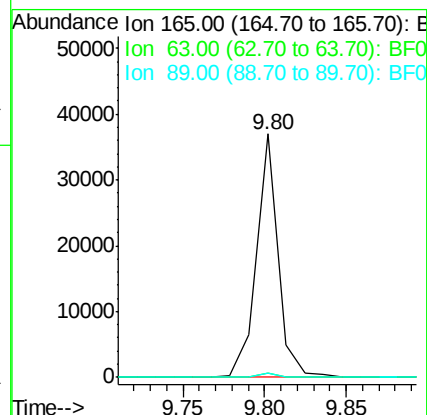
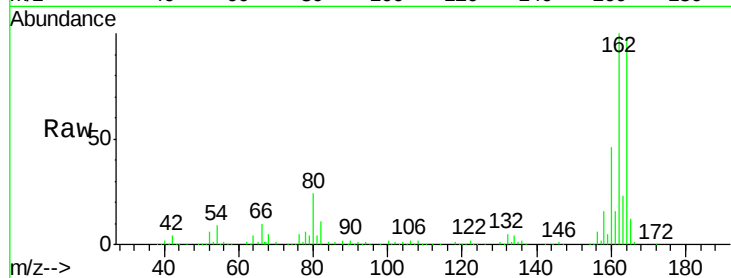




#50
 2,6-Dinitrotoluene
 Concen: 8.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF086518.D
 Acq: 30 Apr 2016 12:37

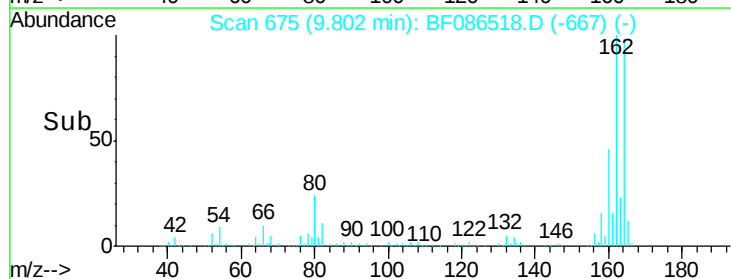
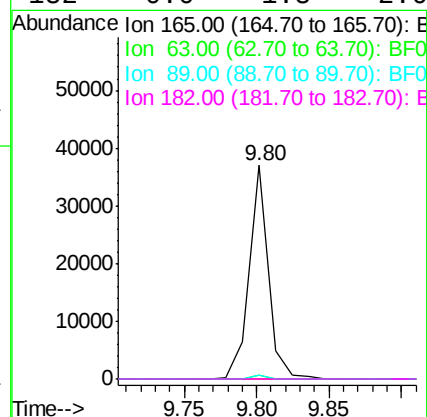
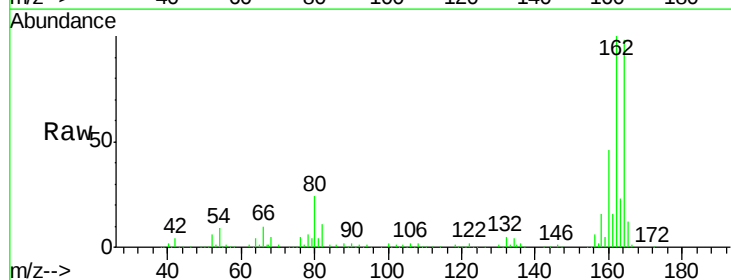
Instrument :
 BNA_F
 ClientSampleId :

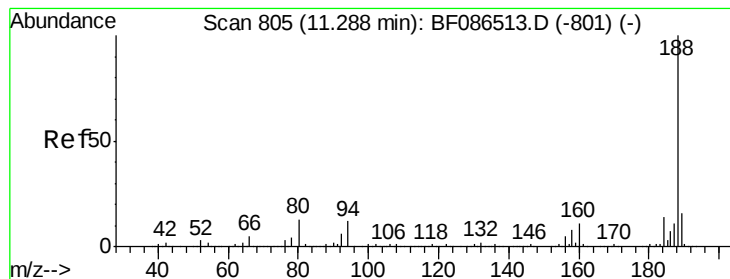
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	51.8	77.8#
89	1.8	50.7	76.1#



#56
 2,4-Dinitrotoluene
 Concen: 6.27 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF086518.D
 Acq: 30 Apr 2016 12:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.3	66.5#
89	1.8	70.0	105.0#
182	0.0	1.8	2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF086518.D

Acq: 30 Apr 2016 12:37

Instrument :

BNA_F

ClientSampled :

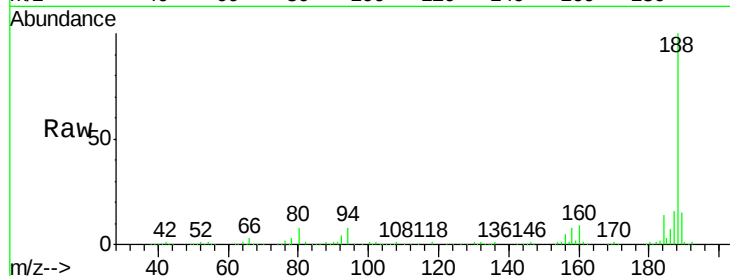
Tot Ion:188 Resp: 552476

Ion Ratio Lower Upper

188 100

94 8.0 6.8 10.2

80 8.2 7.1 10.7



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

500000

400000

300000

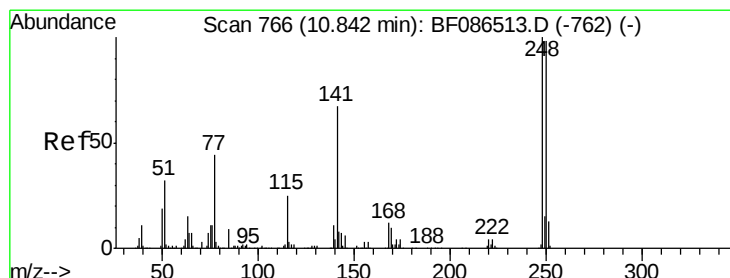
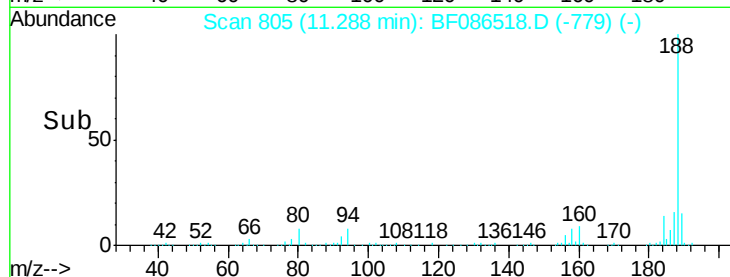
200000

100000

0

11.20 11.29 11.40 11.60

Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.49 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.25 min

Lab File: BF086518.D

Acq: 30 Apr 2016 12:37

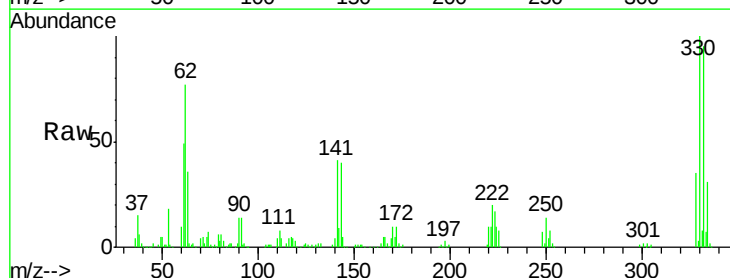
Tgt Ion:248 Resp: 19876

Ion Ratio Lower Upper

248 100

250 199.7 78.6 117.8#

141 584.7 76.0 114.0#



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

150000

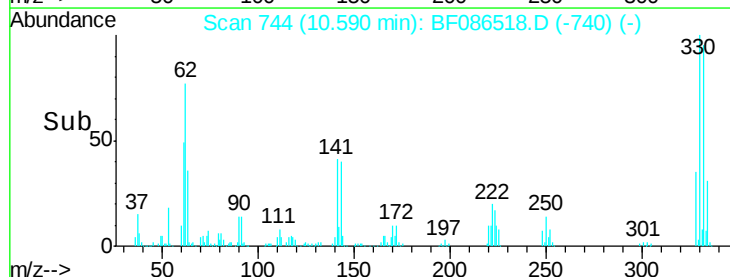
100000

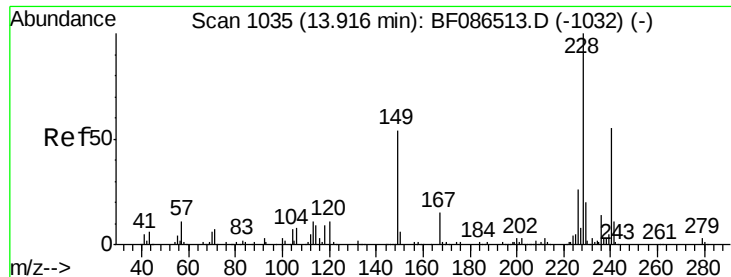
50000

0

10.55 10.59 10.65

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF086518.D

Acq: 30 Apr 2016 12:37

Instrument :

BNA_F

ClientSampleId :

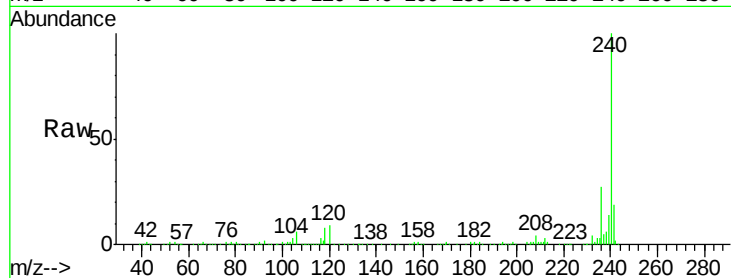
Tot Ion:240 Resp: 498300

Ion Ratio Lower Upper

240 100

120 9.5 11.2 16.8#

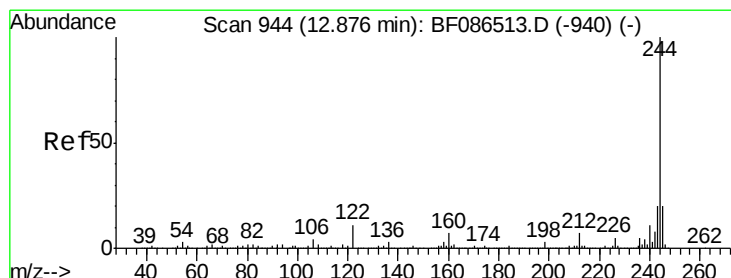
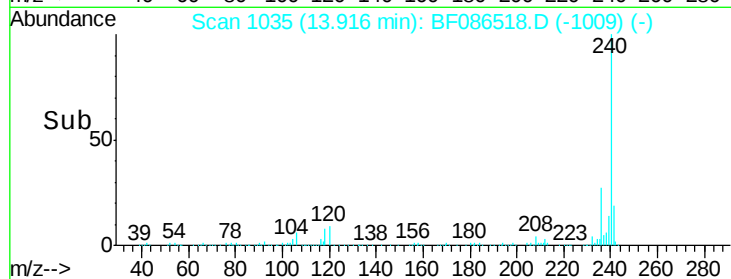
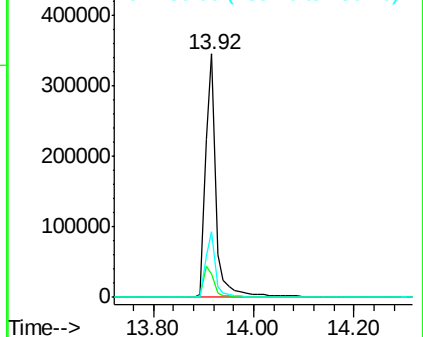
236 26.9 21.2 31.8



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: 70.29 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086518.D

Acq: 30 Apr 2016 12:37

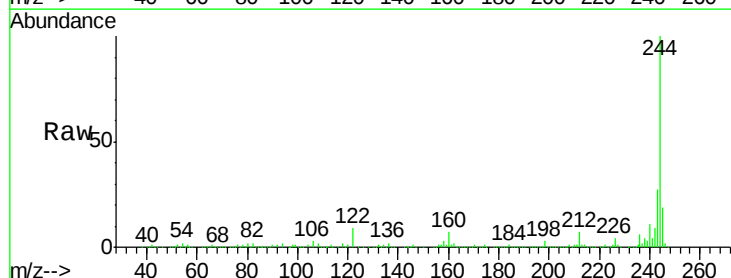
Tgt Ion:244 Resp: 1589850

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

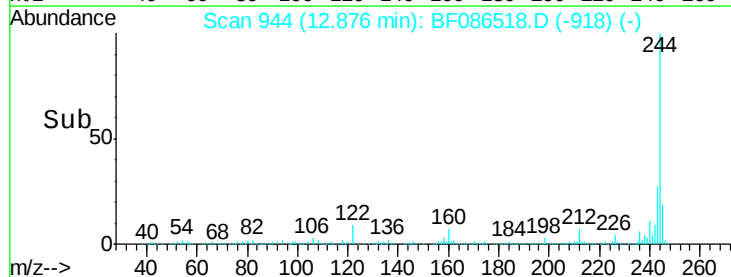
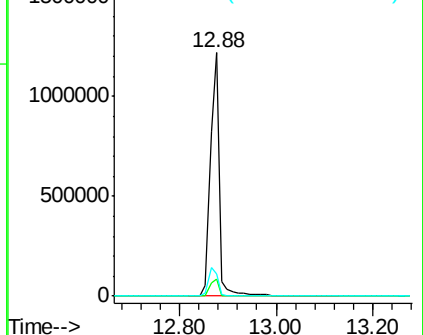
122 9.2 12.0 18.0#

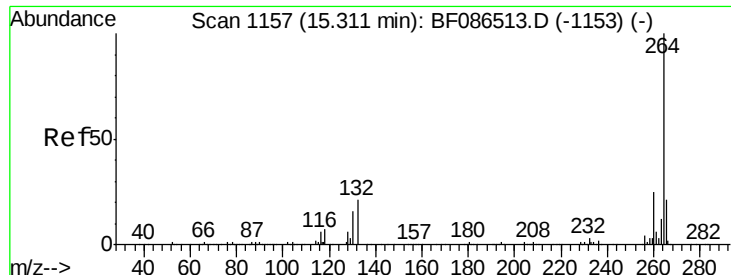


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

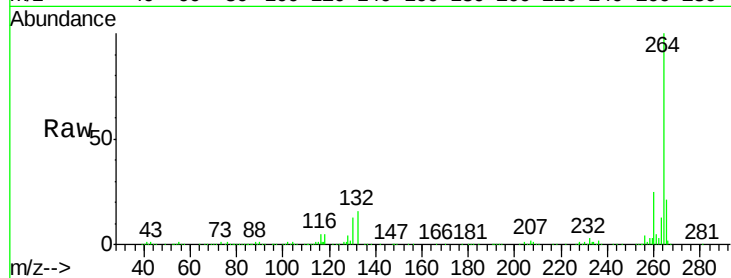




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF086518.D
Acq: 30 Apr 2016 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.2	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

