

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086520.D
 Acq On : 30 Apr 2016 13:34
 Operator : UM/SJ
 Sample : PB90140BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:19:52 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

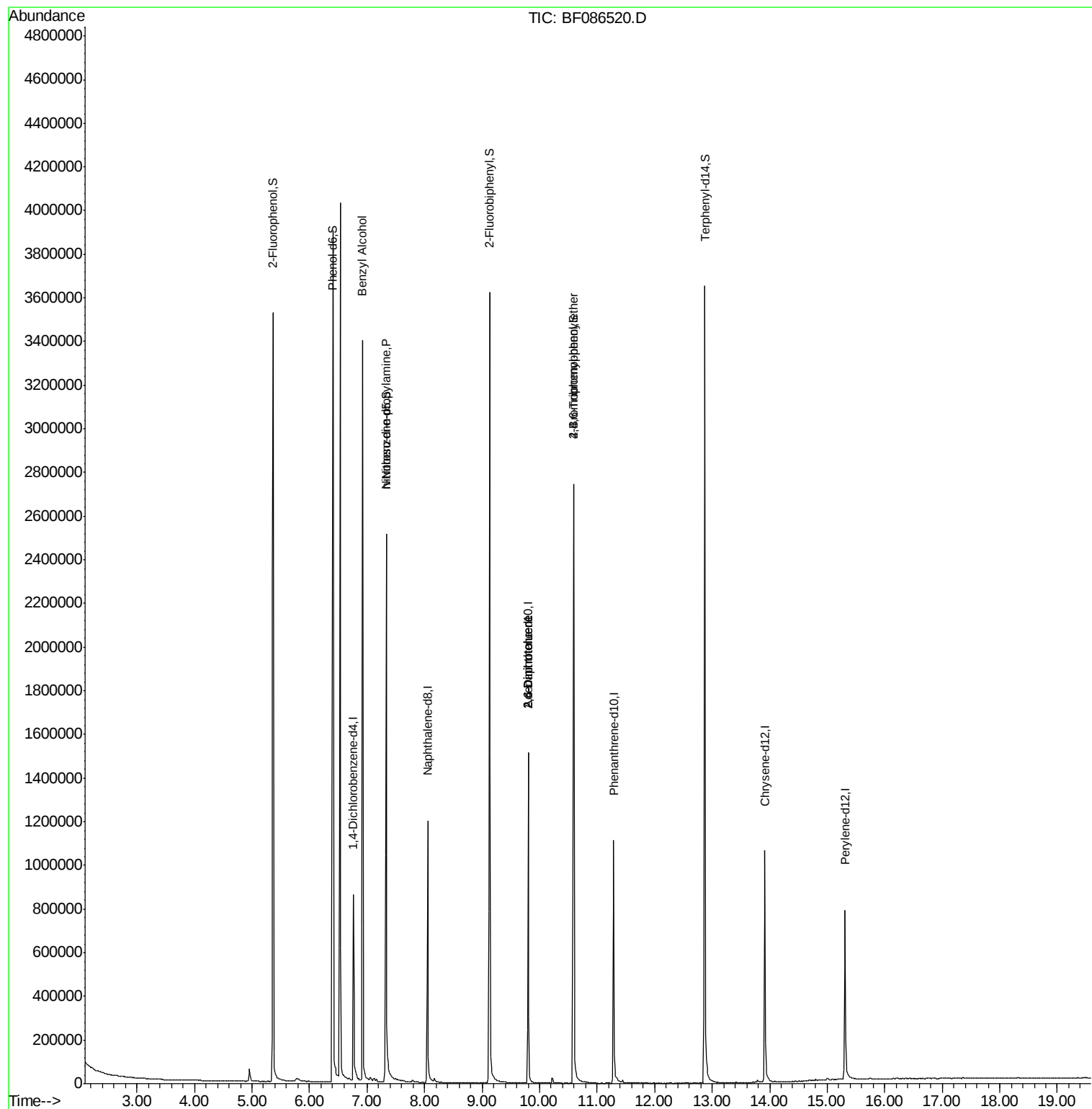
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	144058	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	629927	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	304967	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	620421	20.00	ng	0.00
75) Chrysene-d12	13.92	240	551567	20.00	ng	0.00
86) Perylene-d12	15.31	264	427380	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1134782	135.87	ng	0.01
7) Phenol-d6	6.41	99	1421376	121.94	ng	0.00
23) Nitrobenzene-d5	7.33	82	946972	81.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	353653	109.96	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1437198	81.80	ng	-0.01
78) Terphenyl-d14	12.88	244	1658126	66.23	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.92	79	15794	2.14	ng	# 38
19) n-Nitroso-di-n-propylamine	7.33	70	128859	16.72	ng	# 78
50) 2,6-Dinitrotoluene	9.80	165	37962	8.00	ng	# 20
56) 2,4-Dinitrotoluene	9.80	165	38166	6.31	ng	# 16
66) 4-Bromophenyl-phenylether	10.59	248	21425	3.35	ng	# 1

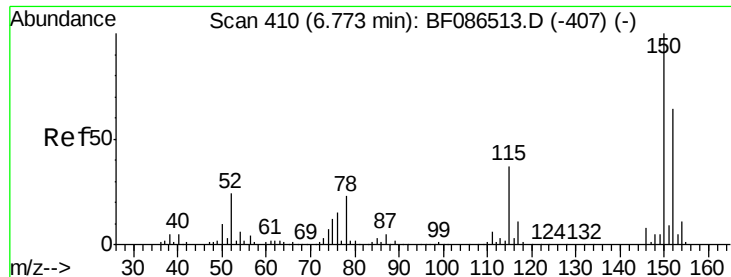
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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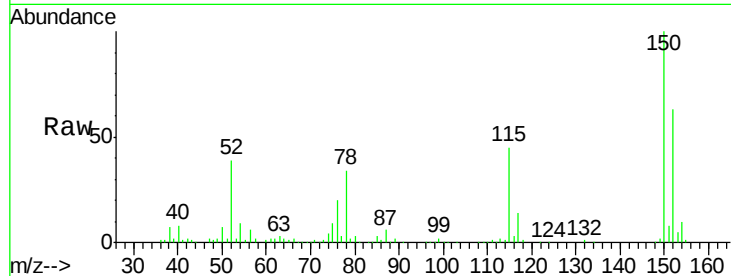


#1

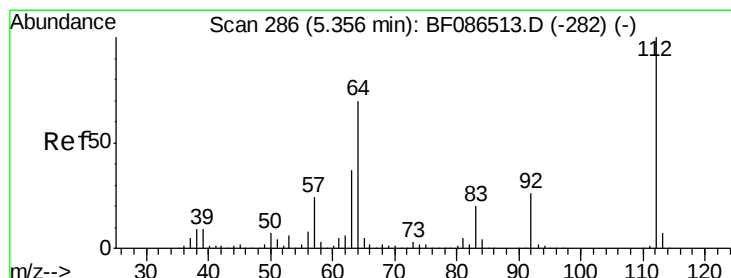
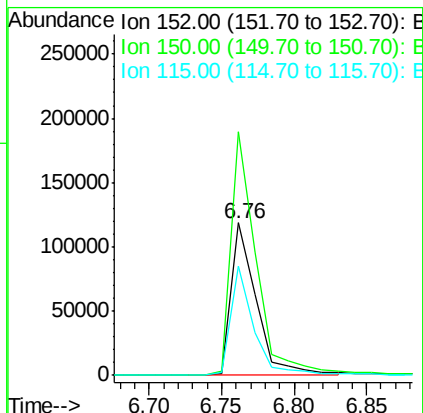
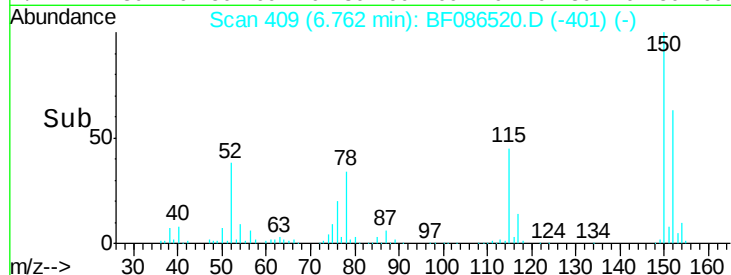
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF086520.D
 Acq: 30 Apr 2016 13:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 144058
 Ion Ratio Lower Upper
 152 100
 150 159.5 125.8 188.6
 115 71.2 51.5 77.3



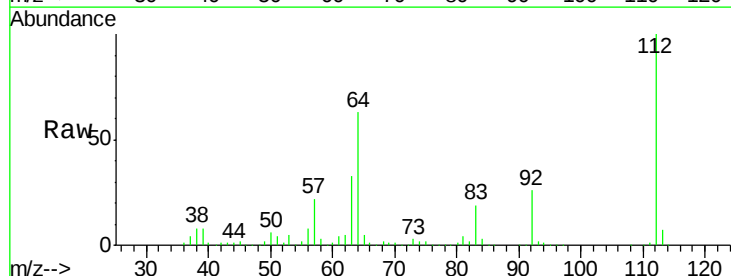
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



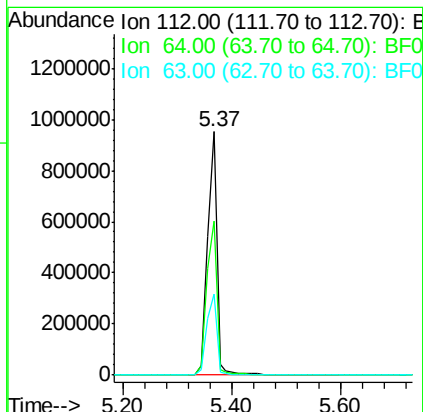
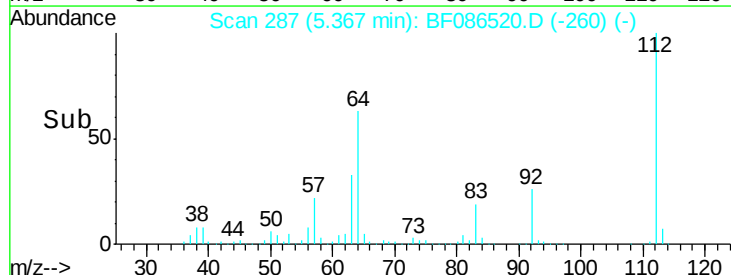
#5

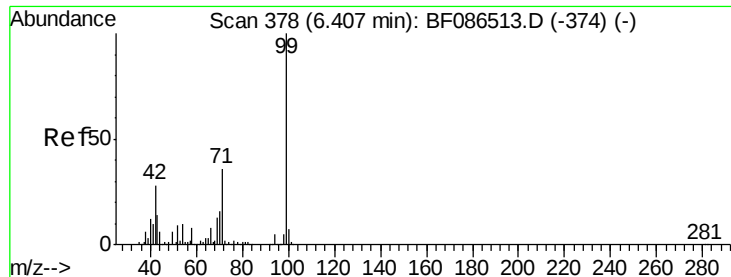
2-Fluorophenol
 Concen: 135.87 ng
 RT: 5.37 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: BF086520.D
 Acq: 30 Apr 2016 13:34

Tgt Ion:112 Resp: 1134782
 Ion Ratio Lower Upper
 112 100
 64 63.0 52.1 78.1
 63 33.3 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: 121.94 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086520.D

Acq: 30 Apr 2016 13:34

Instrument :

BNA_F

ClientSampleId :

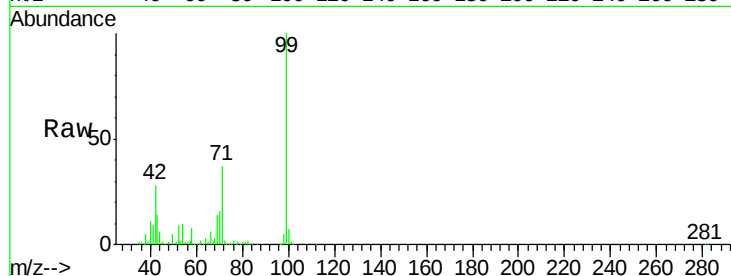
Tot Ion: 99 Resp: 1421376

Ion Ratio Lower Upper

99 100

42 27.5 13.6 20.4#

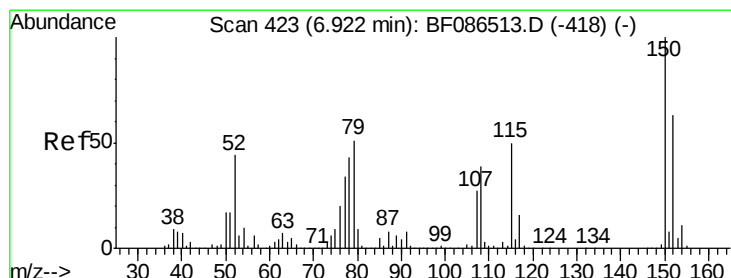
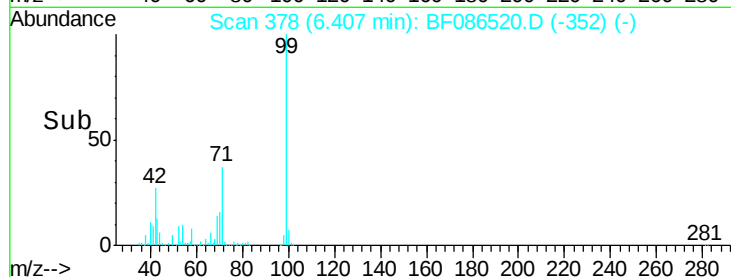
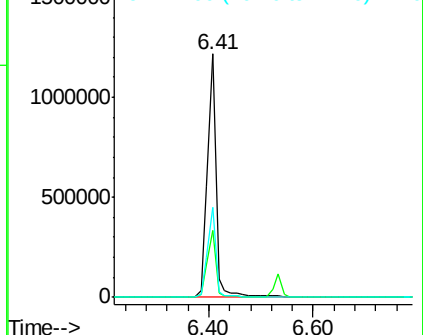
71 36.9 24.6 36.8#



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: 2.14 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF086520.D

Acq: 30 Apr 2016 13:34

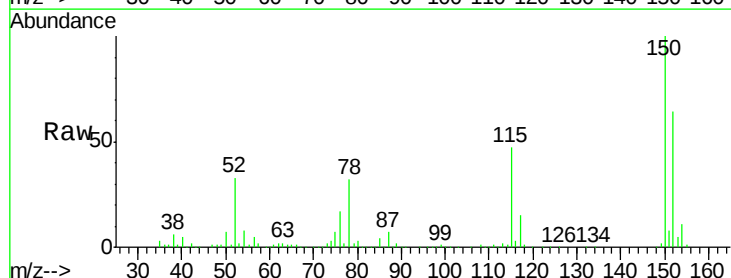
Tgt Ion: 79 Resp: 15794

Ion Ratio Lower Upper

79 100

108 31.3 68.4 102.6#

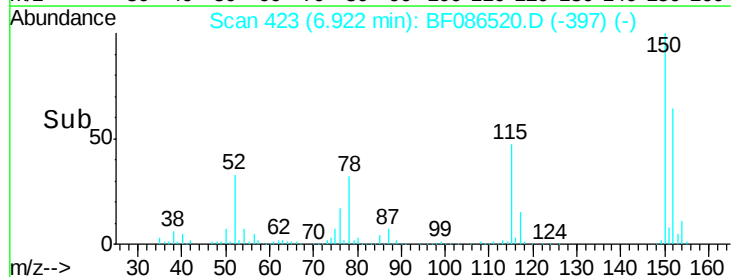
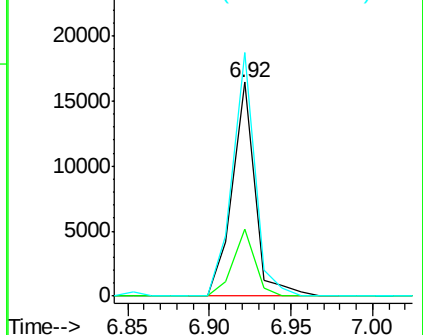
77 113.8 50.6 76.0#

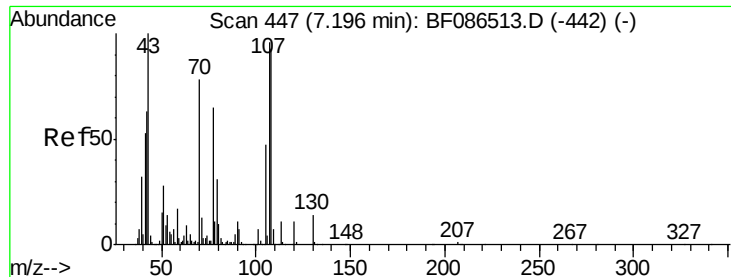


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 16.72 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.14 min

Lab File: BF086520.D

Acq: 30 Apr 2016 13:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 128859

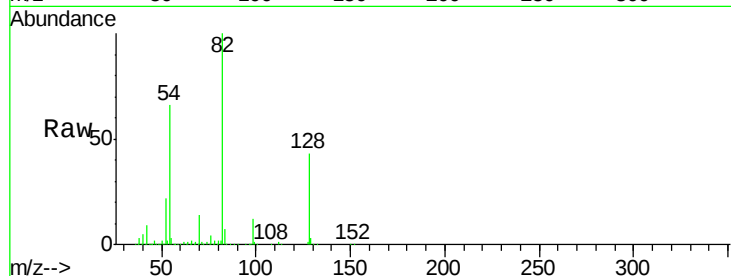
Ion Ratio Lower Upper

70 100

42 61.9 43.1 64.7

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

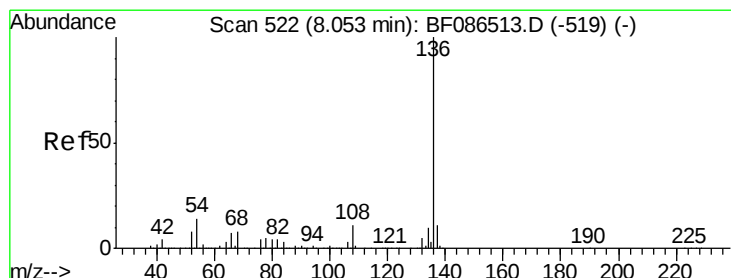
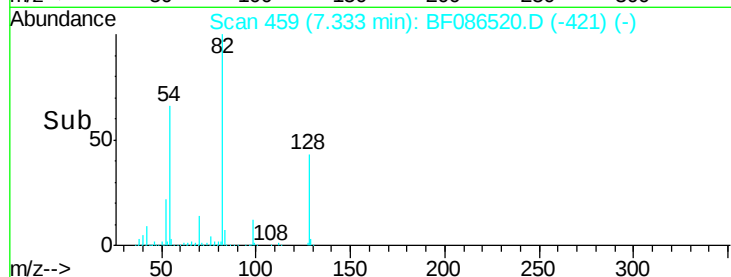
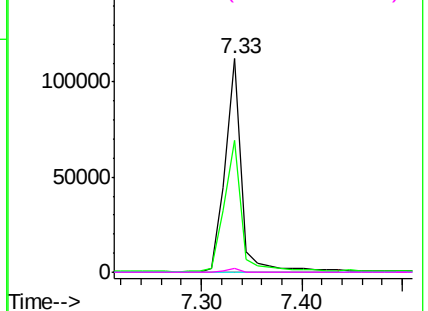


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF086520.D

Acq: 30 Apr 2016 13:34

Tgt Ion:136 Resp: 629927

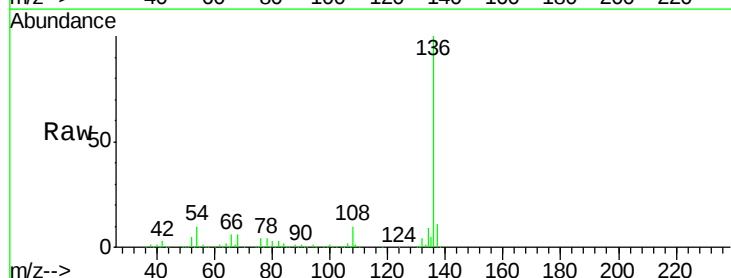
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 10.0 5.0 7.4#

68 6.2 4.4 6.6

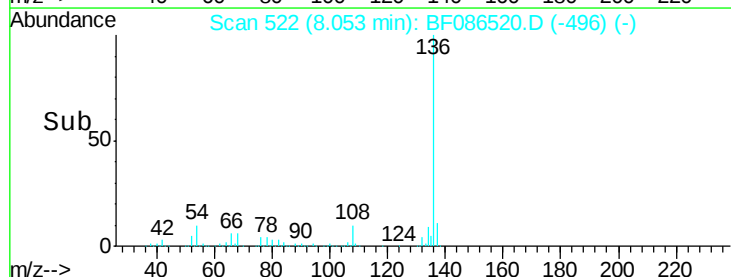
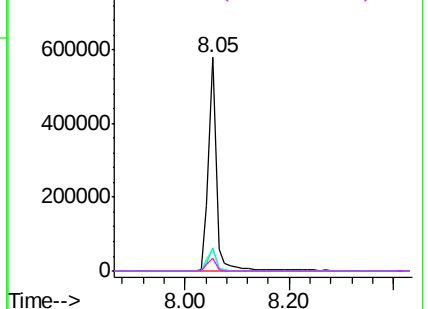


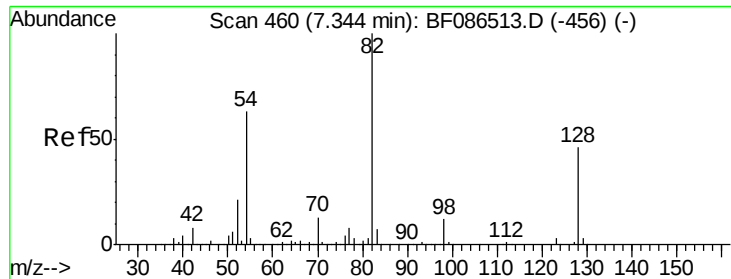
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

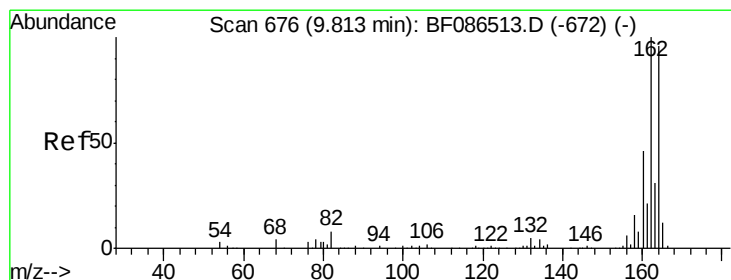
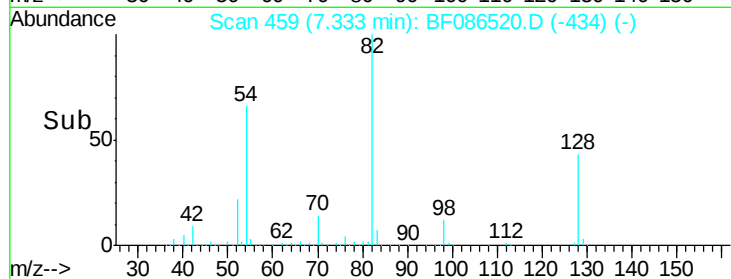
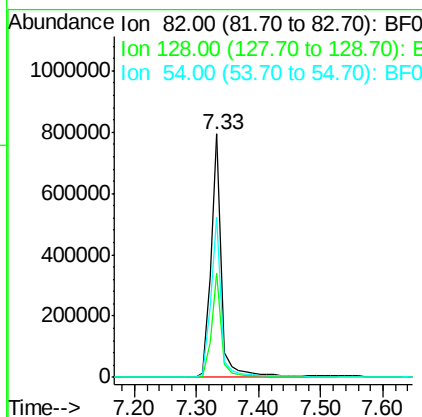
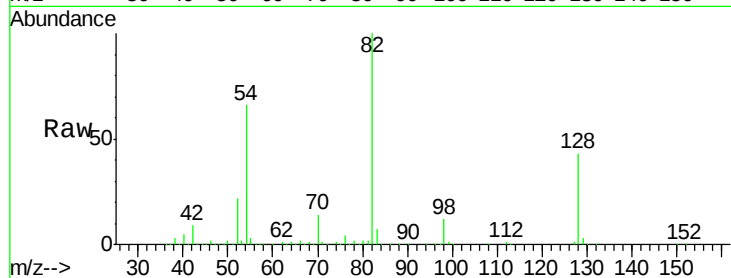




#23
 Nitrobenzene-d5
 Concen: 81.03 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086520.D
 Acq: 30 Apr 2016 13:34

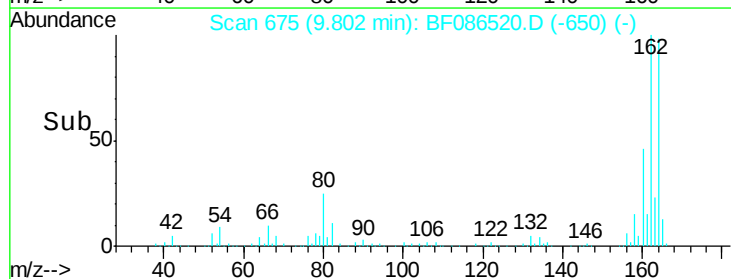
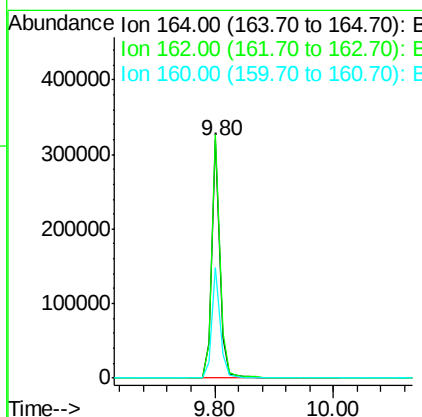
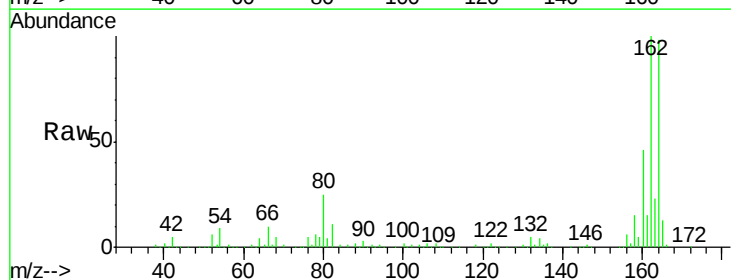
Instrument :
 BNA_F
 ClientSampled :

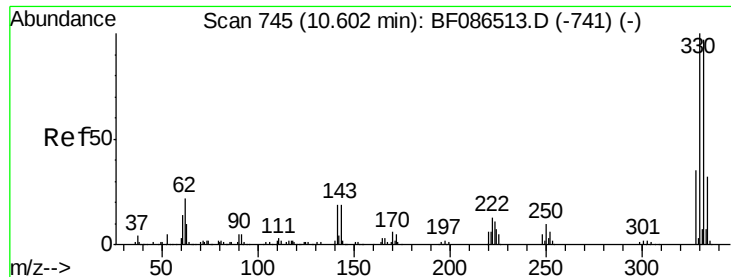
Tot Ion: 82 Resp: 946972
 Ion Ratio Lower Upper
 82 100
 128 42.6 40.6 61.0
 54 66.1 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086520.D
 Acq: 30 Apr 2016 13:34

Tgt Ion:164 Resp: 304967
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.8 124.2
 160 46.5 36.9 55.3

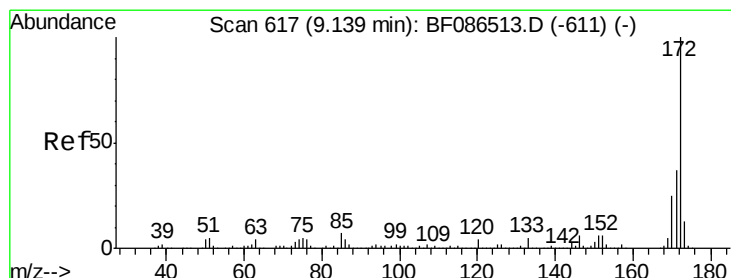
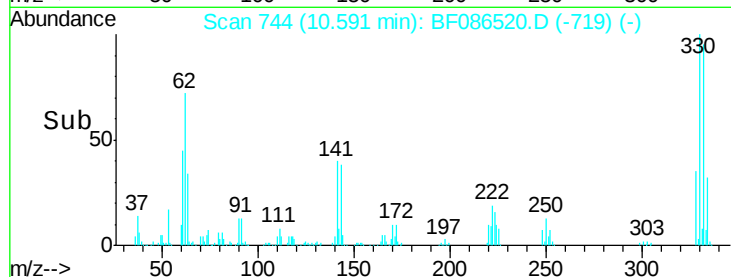
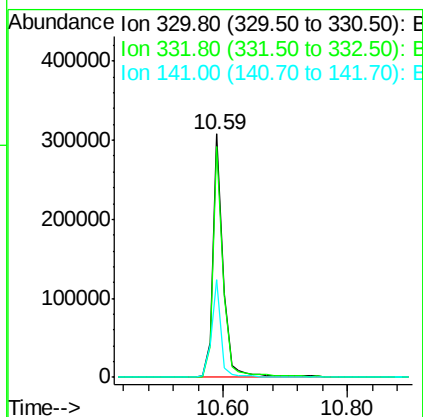
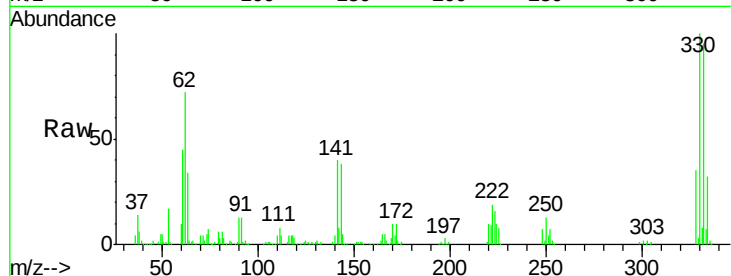




#41
 2,4,6-Tribromophenol
 Concen: 109.96 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086520.D
 Acq: 30 Apr 2016 13:34

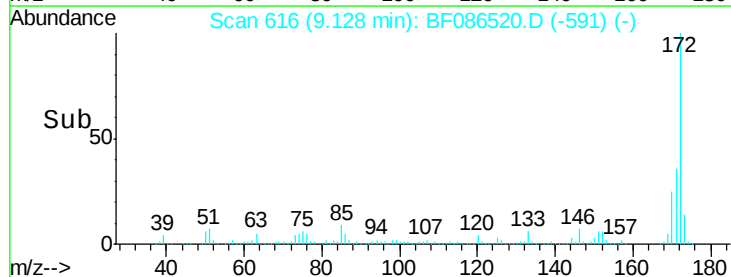
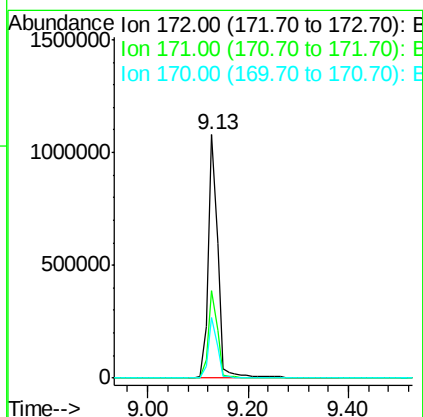
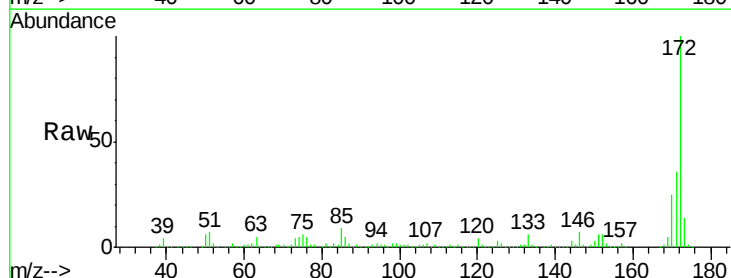
Instrument :
 BNA_F
 ClientSampleId :

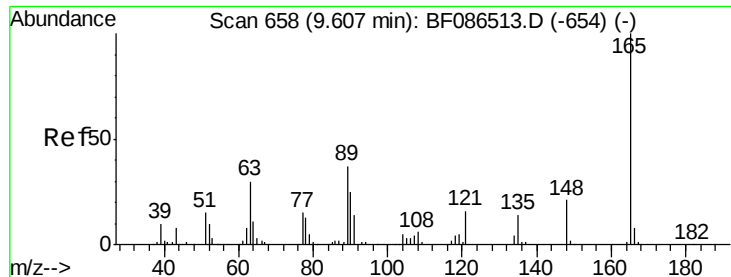
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	79.0	118.4
141	38.0	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 81.80 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086520.D
 Acq: 30 Apr 2016 13:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.7	19.8	29.8





#50

2,6-Dinitrotoluene

Concen: 8.00 ng

RT: 9.80 min Scan# 675

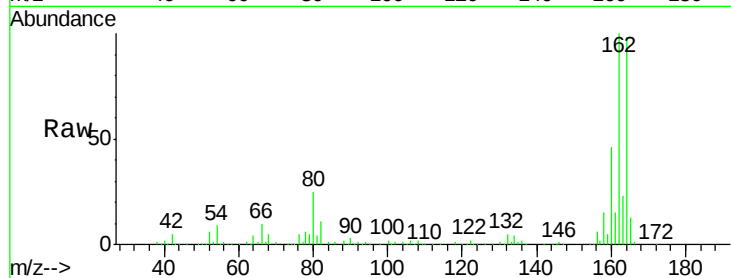
Delta R.T. 0.19 min

Lab File: BF086520.D

Acq: 30 Apr 2016 13:34

Instrument :
BNA_F
ClientSampleId :

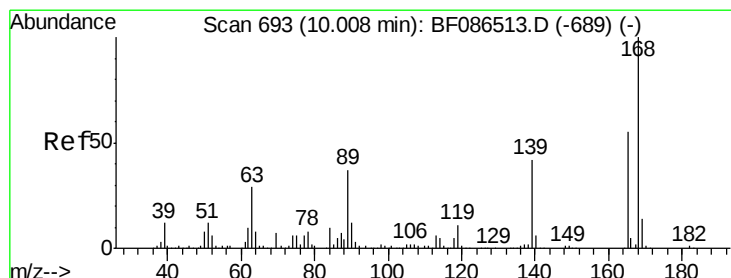
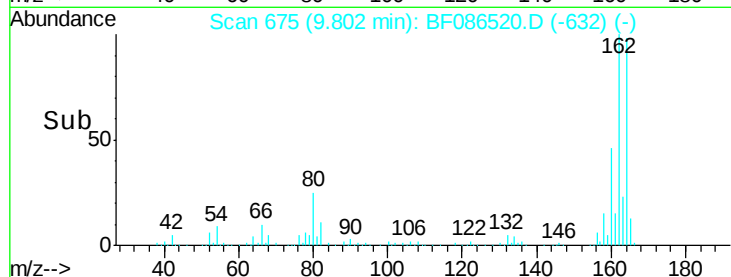
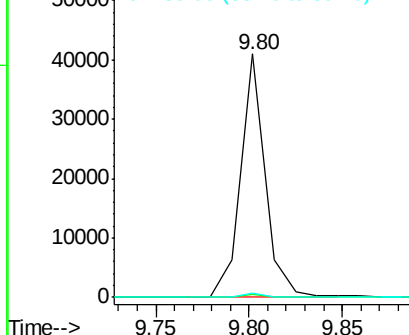
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	51.8	77.8#
89	1.6	50.7	76.1#



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



#56

2,4-Dinitrotoluene

Concen: 6.31 ng

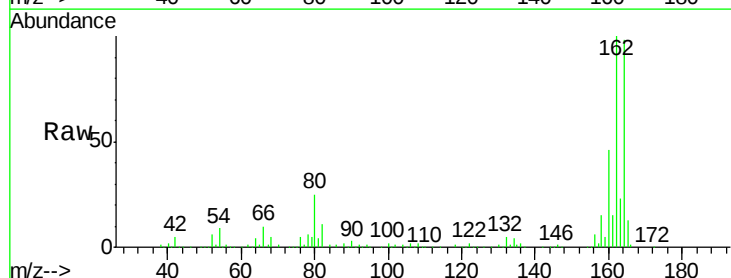
RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF086520.D

Acq: 30 Apr 2016 13:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.3	66.5#
89	1.6	70.0	105.0#
182	0.0	1.8	2.6#

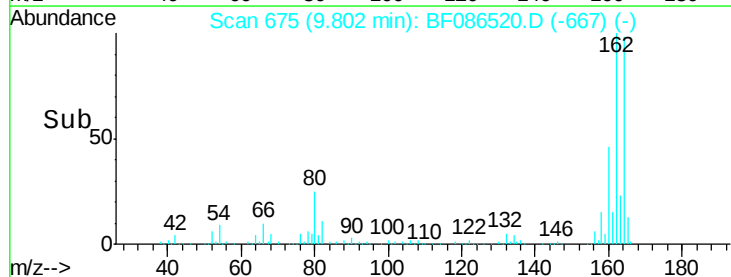
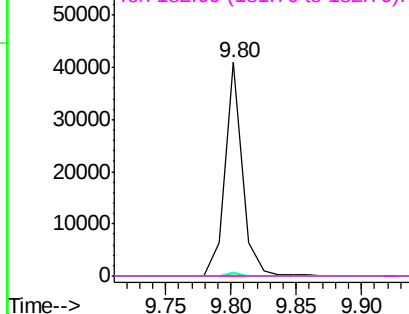


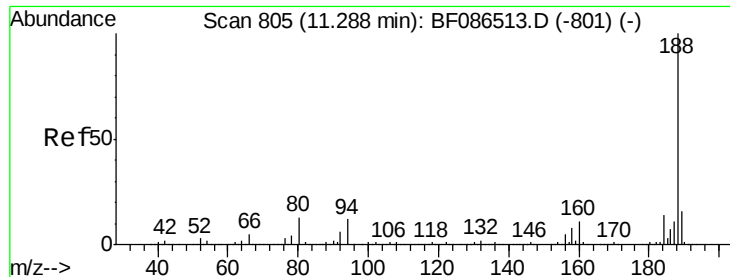
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

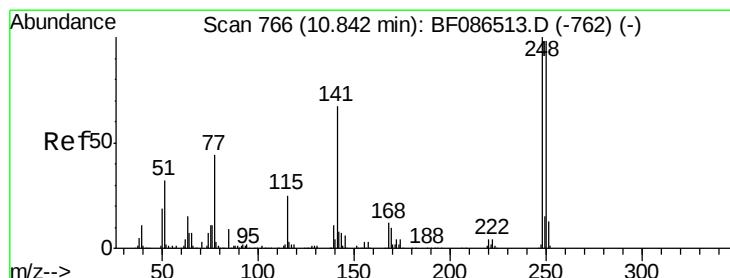
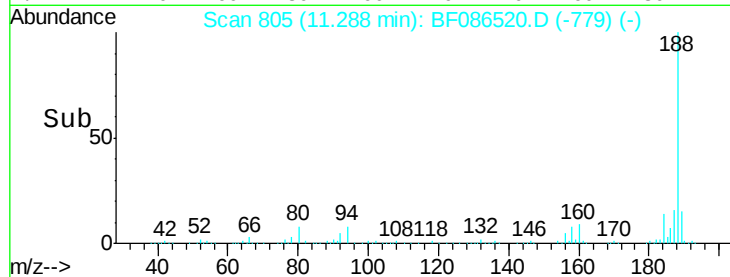
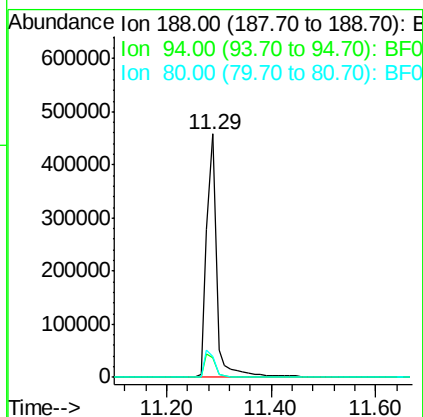
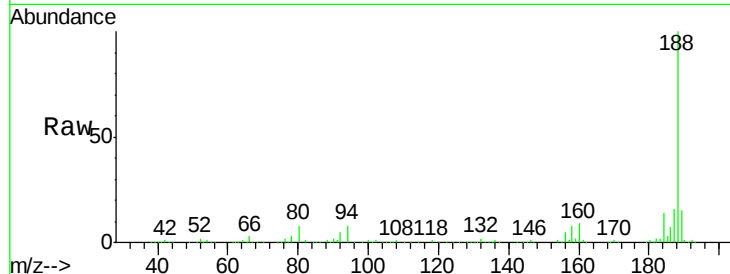




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF086520.D
 Acq: 30 Apr 2016 13:34

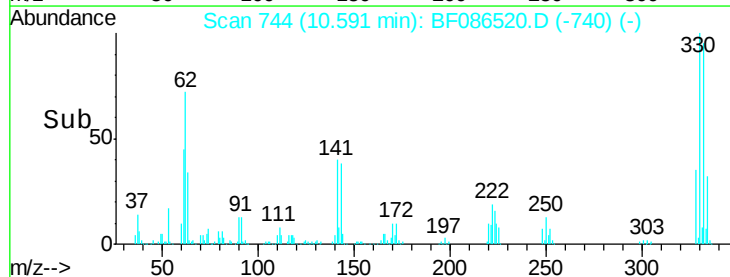
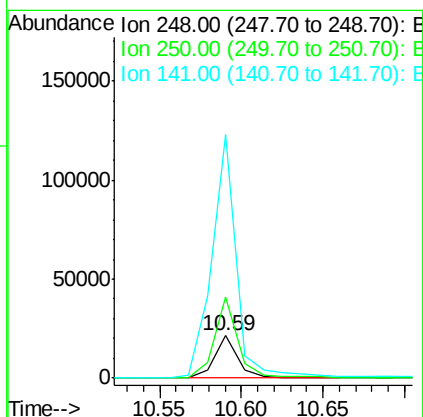
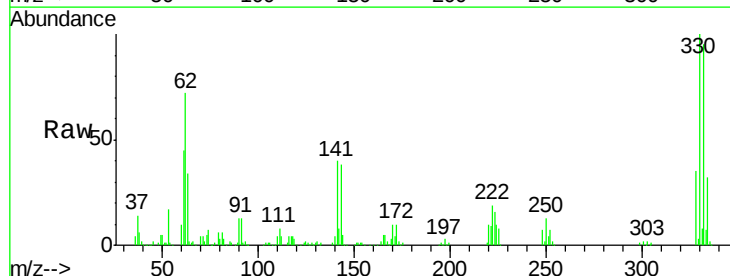
Instrument :
 BNA_F
 ClientSampleId :

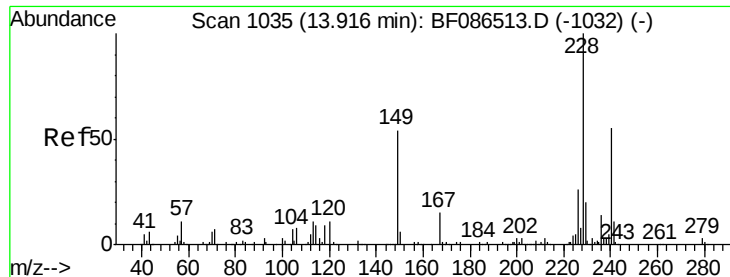
Tot Ion:188 Resp: 620421
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.8 10.2
 80 8.4 7.1 10.7



#66
 4-Bromophenyl-phenylether
 Concen: 3.35 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.25 min
 Lab File: BF086520.D
 Acq: 30 Apr 2016 13:34

Tgt Ion:248 Resp: 21425
 Ion Ratio Lower Upper
 248 100
 250 191.5 78.6 117.8#
 141 577.6 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086520.D

Acq: 30 Apr 2016 13:34

Instrument :

BNA_F

ClientSampleId :

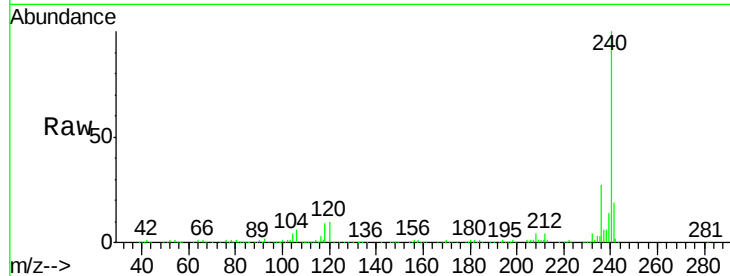
Tot Ion:240 Resp: 551567

Ion Ratio Lower Upper

240 100

120 10.0 11.2 16.8#

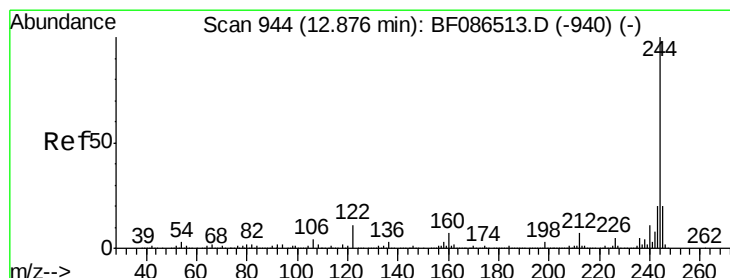
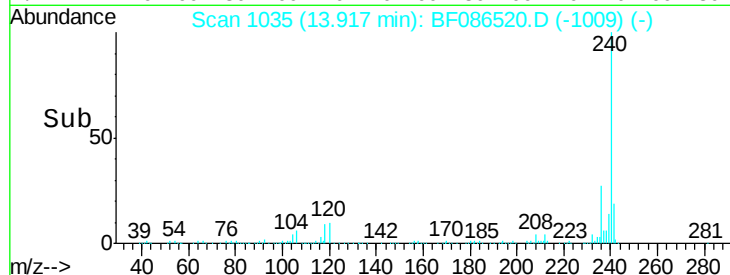
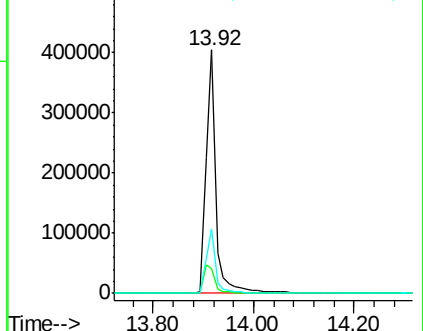
236 26.7 21.2 31.8



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: 66.23 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF086520.D

Acq: 30 Apr 2016 13:34

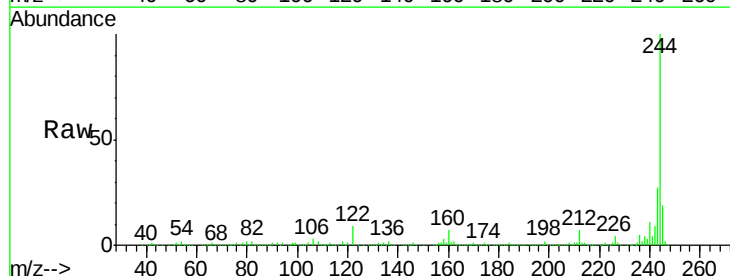
Tgt Ion:244 Resp: 1658126

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

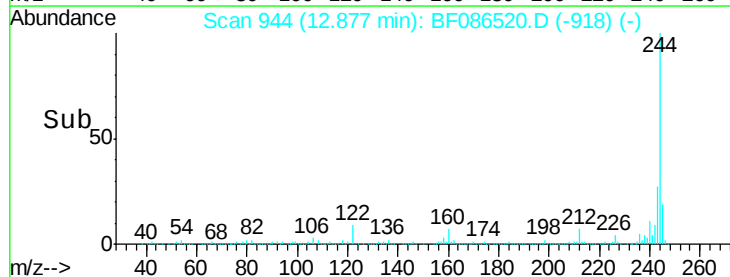
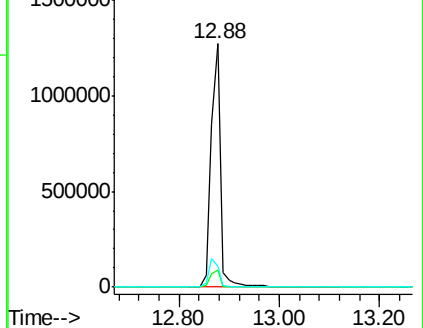
122 8.7 12.0 18.0#

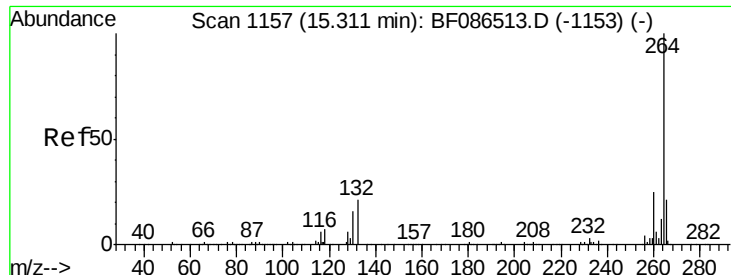


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

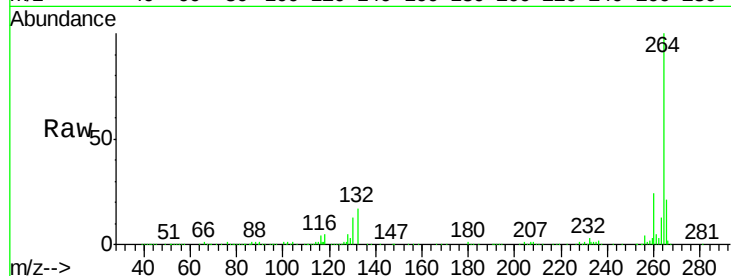




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF086520.D
Acq: 30 Apr 2016 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	20.9	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

