

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086522.D
 Acq On : 30 Apr 2016 14:30
 Operator : UM/SJ
 Sample : PB90147BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:20:12 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

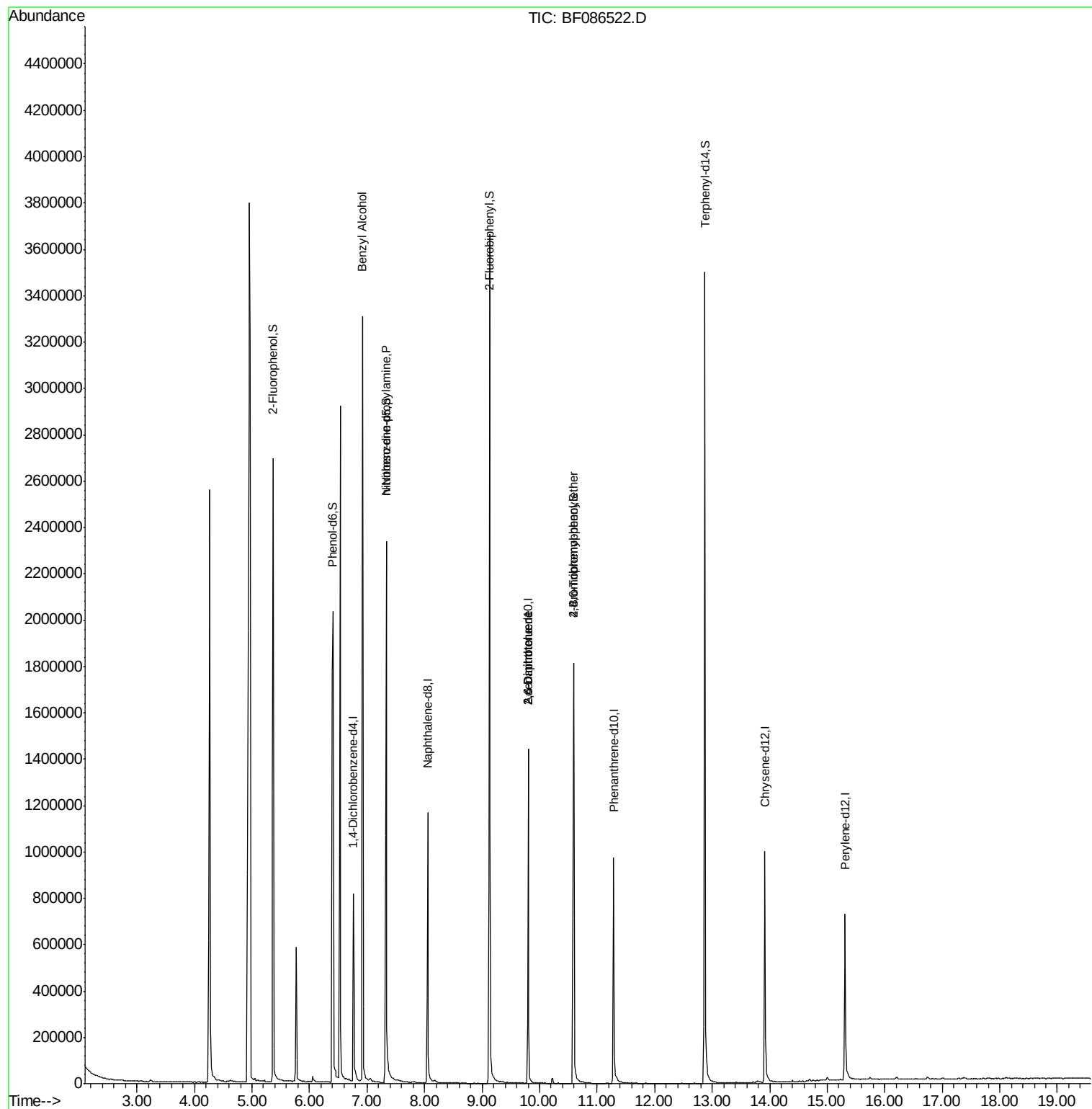
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	135713	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	593648	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	290238	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	568332	20.00	ng	0.00
75) Chrysene-d12	13.92	240	525448	20.00	ng	0.00
86) Perylene-d12	15.31	264	401890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	754869	95.94	ng	0.01
7) Phenol-d6	6.41	99	1017586	92.67	ng	0.00
23) Nitrobenzene-d5	7.33	82	920394	83.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	247255	80.78	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1355709	80.88	ng	-0.01
78) Terphenyl-d14	12.88	244	1570940	65.87	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.92	79	15391	2.22	ng	# 42
19) n-Nitroso-di-n-propylamine	7.33	70	122428	16.87	ng	# 79
50) 2,6-Dinitrotoluene	9.80	165	36192	8.02	ng	# 20
56) 2,4-Dinitrotoluene	9.80	165	36194	6.29	ng	# 16
66) 4-Bromophenyl-phenylether	10.59	248	14607	2.49	ng	# 1

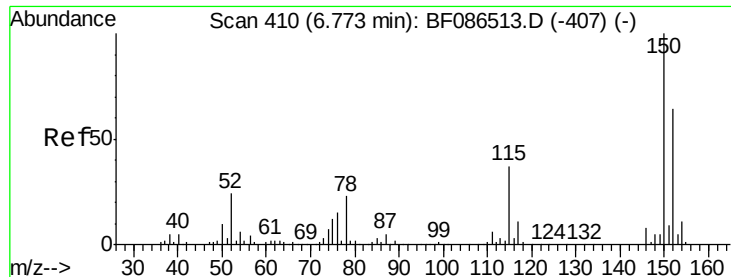
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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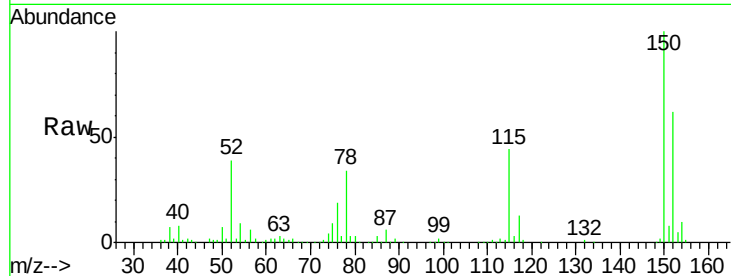


#1

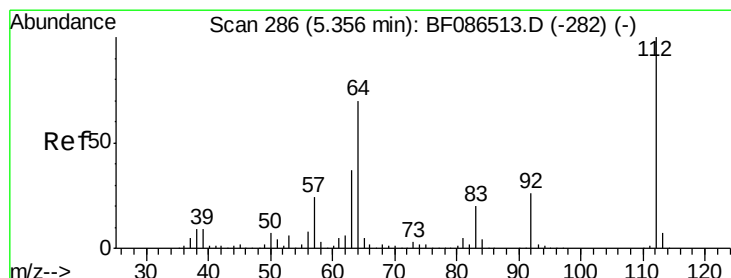
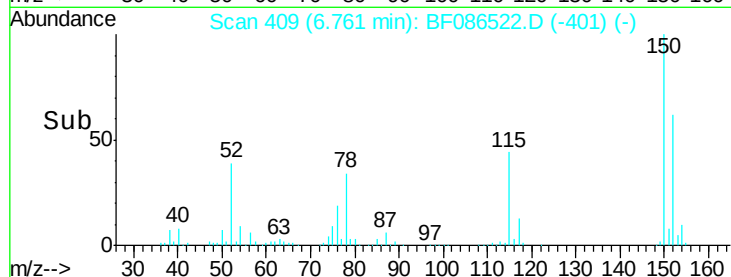
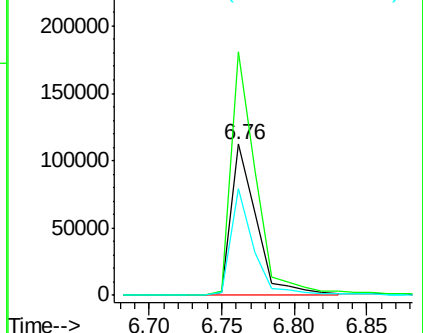
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086522.D
Acq: 30 Apr 2016 14:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 135713
Ion Ratio Lower Upper
152 100
150 161.1 125.8 188.6
115 70.2 51.5 77.3



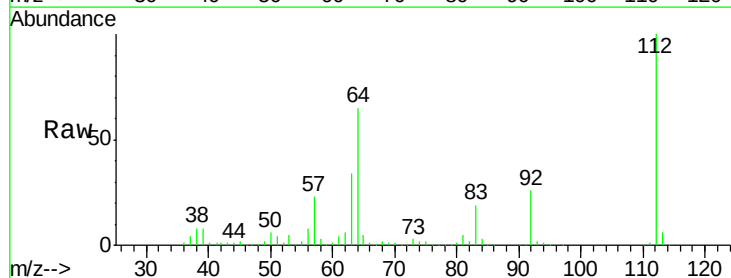
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



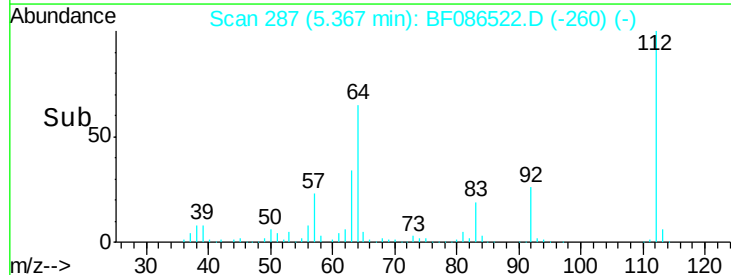
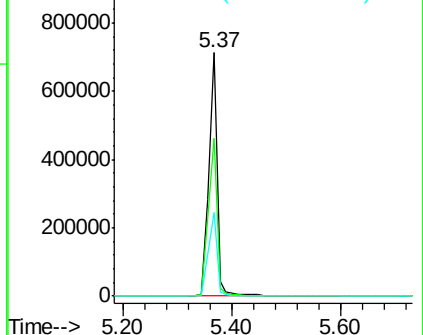
#5

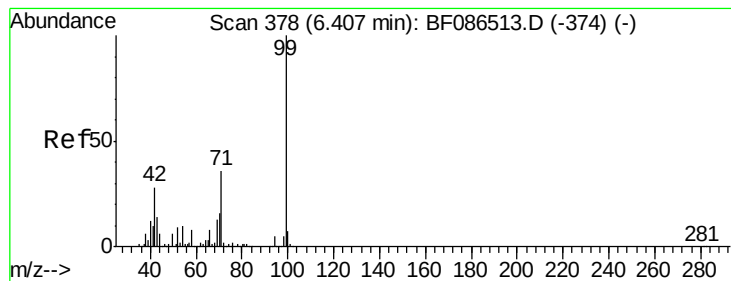
2-Fluorophenol
Concen: 95.94 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF086522.D
Acq: 30 Apr 2016 14:30

Tgt Ion:112 Resp: 754869
Ion Ratio Lower Upper
112 100
64 64.9 52.1 78.1
63 34.4 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: 92.67 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086522.D

Acq: 30 Apr 2016 14:30

Instrument :

BNA_F

ClientSampled :

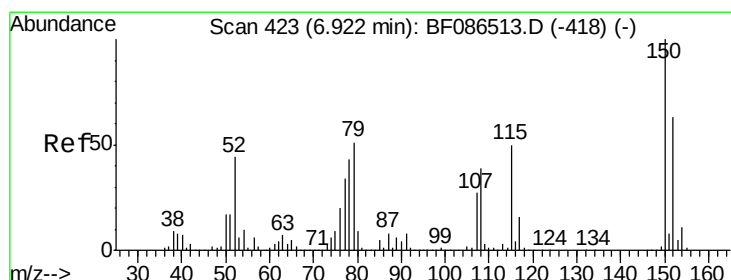
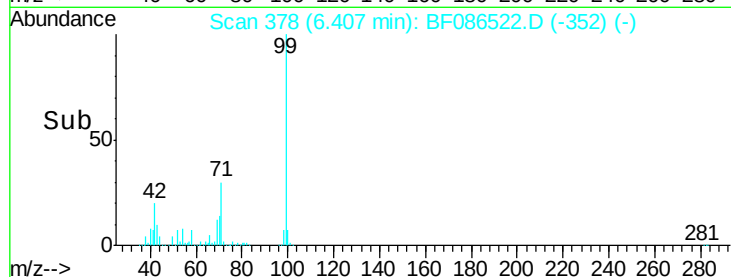
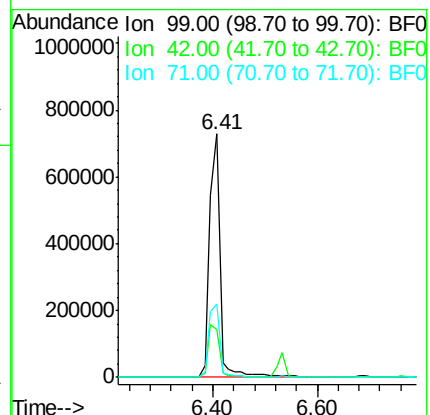
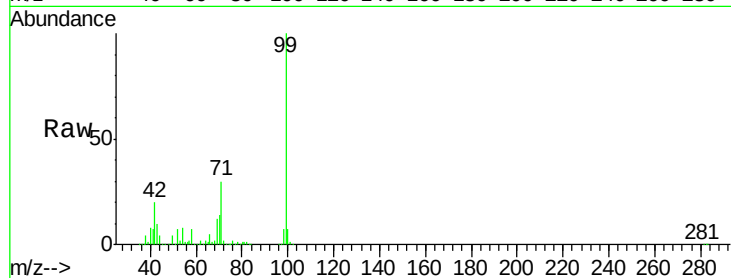
Tot Ion: 99 Resp: 1017586

Ion Ratio Lower Upper

99 100

42 19.8 13.6 20.4

71 30.2 24.6 36.8



#15

Benzyl Alcohol

Concen: 2.22 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF086522.D

Acq: 30 Apr 2016 14:30

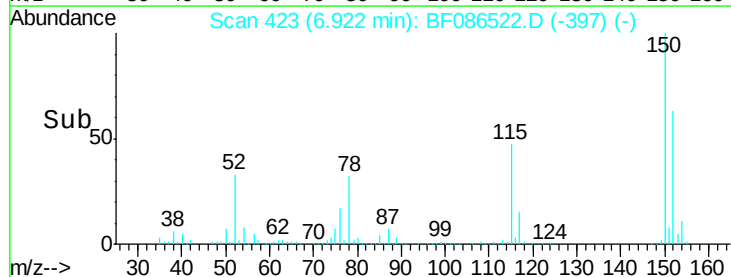
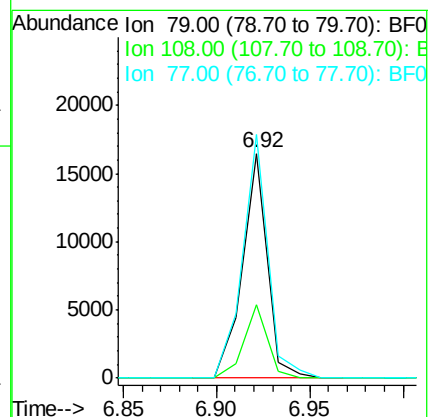
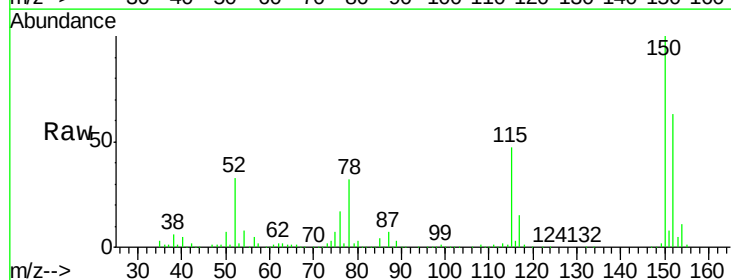
Tgt Ion: 79 Resp: 15391

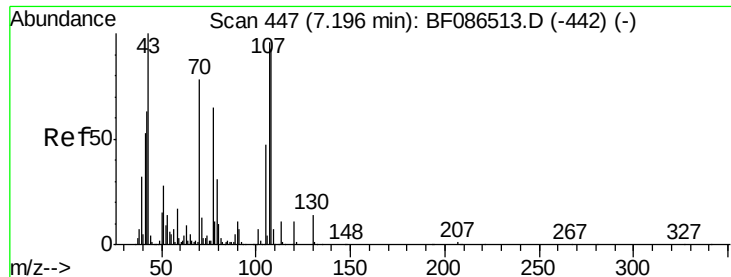
Ion Ratio Lower Upper

79 100

108 32.8 68.4 102.6#

77 108.4 50.6 76.0#

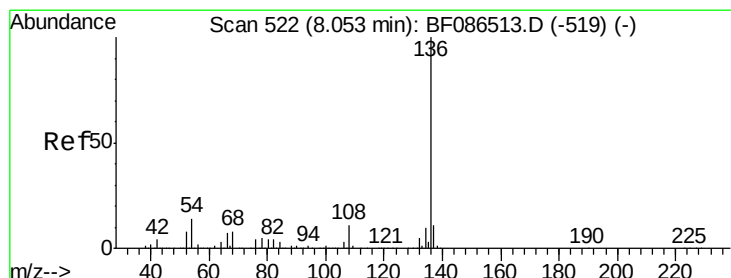
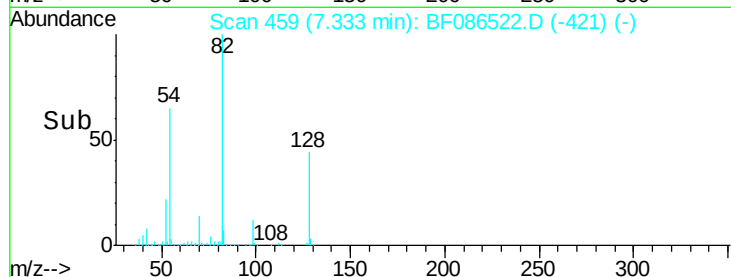
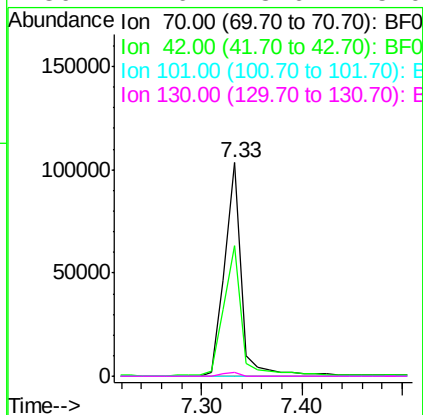
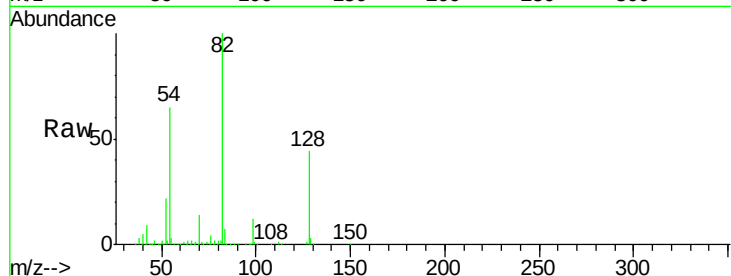




#19
n-Nitroso-di-n-propylamine
Concen: 16.87 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF086522.D
Acq: 30 Apr 2016 14:30

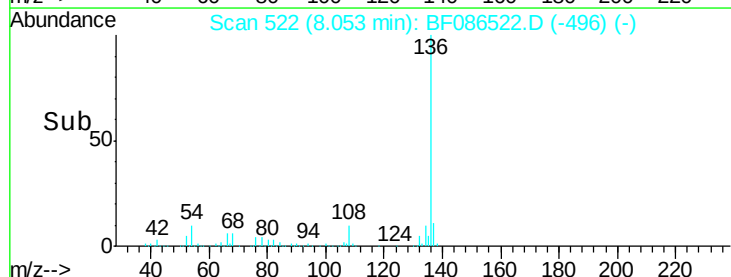
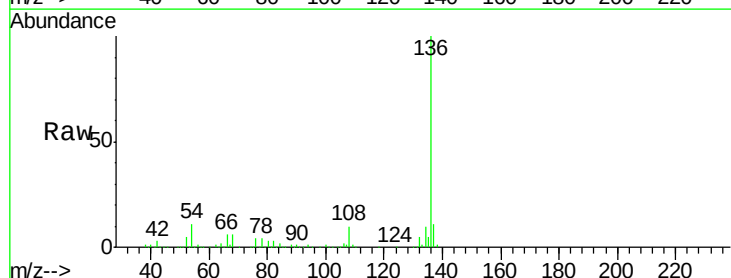
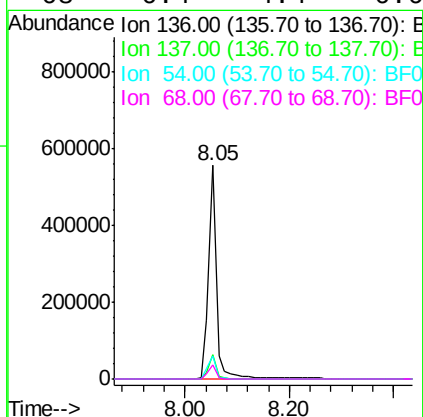
Instrument :
BNA_F
ClientSampleId :

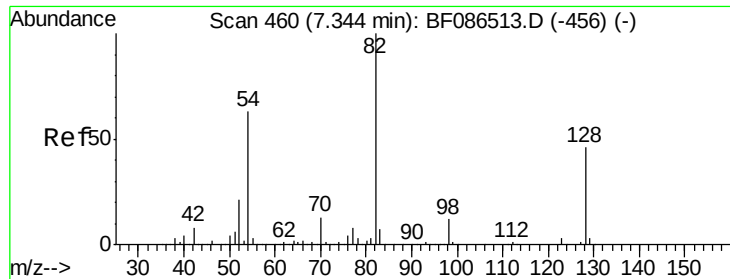
Tot Ion	Ratio	Lower	Upper
70	100		
42	61.2	43.1	64.7
101	0.0	8.1	12.1#
130	1.6	18.6	28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF086522.D
Acq: 30 Apr 2016 14:30

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.6	5.0	7.4#
68	6.4	4.4	6.6

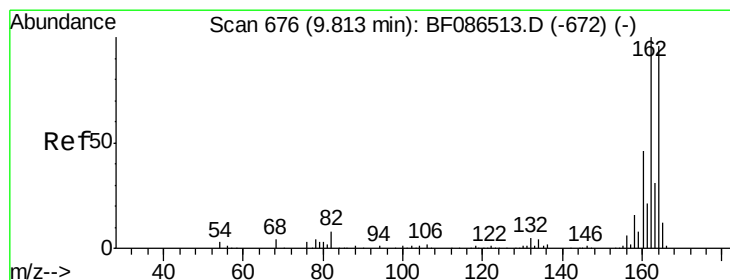
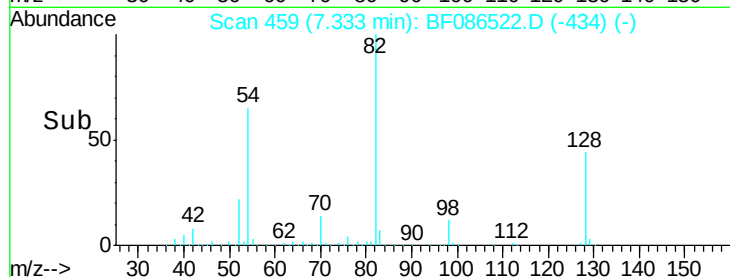
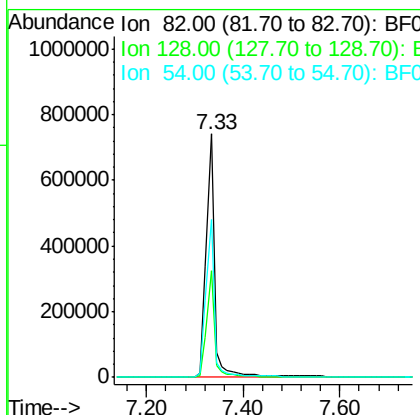
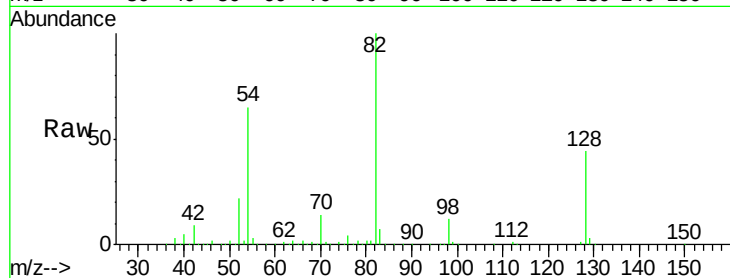




#23
 Nitrobenzene-d5
 Concen: 83.57 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086522.D
 Acq: 30 Apr 2016 14:30

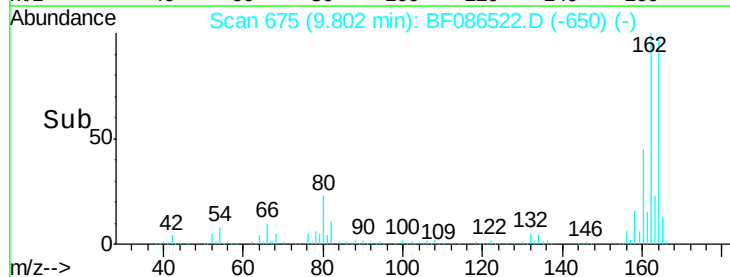
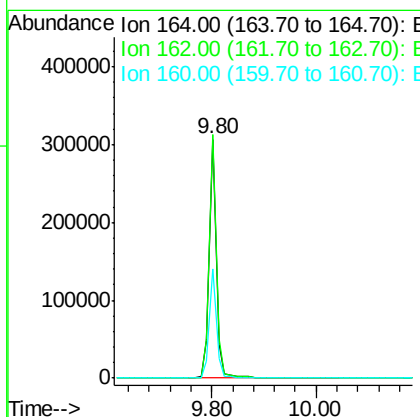
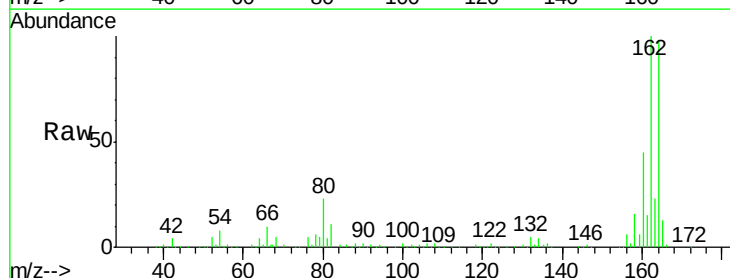
Instrument :
 BNA_F
 ClientSampled :

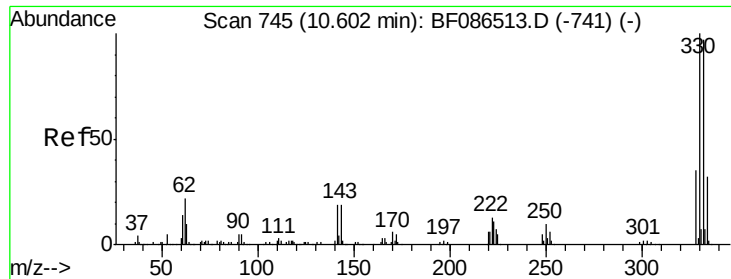
Tot Ion: 82 Resp: 920394
 Ion Ratio Lower Upper
 82 100
 128 43.6 40.6 61.0
 54 64.7 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086522.D
 Acq: 30 Apr 2016 14:30

Tgt Ion: 164 Resp: 290238
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.8 124.2
 160 45.9 36.9 55.3

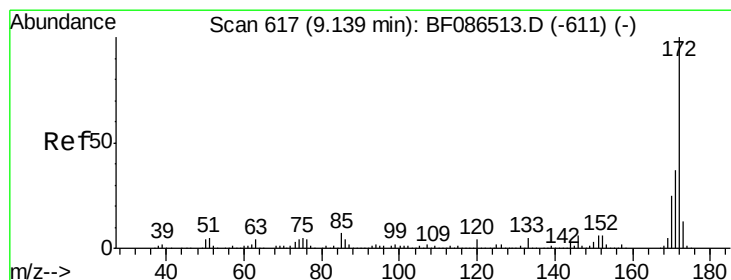
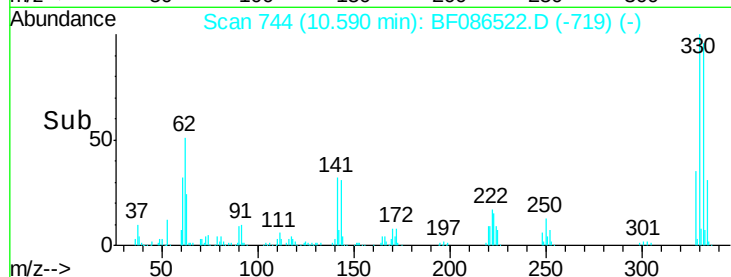
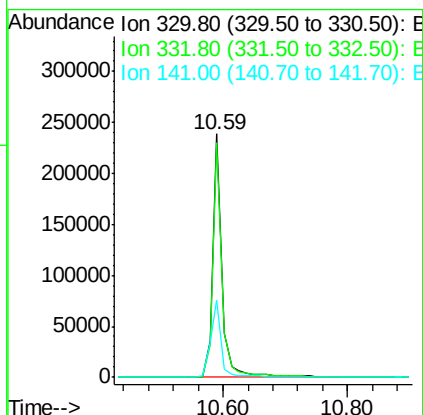
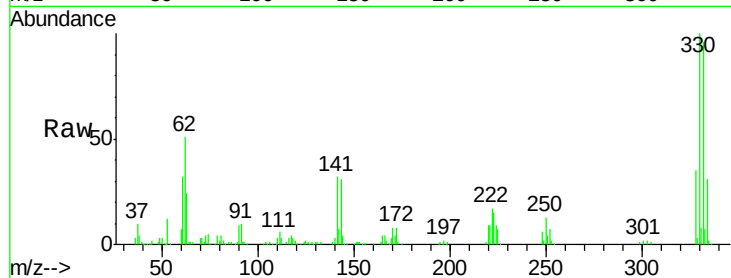




#41
 2,4,6-Tribromophenol
 Concen: 80.78 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086522.D
 Acq: 30 Apr 2016 14:30

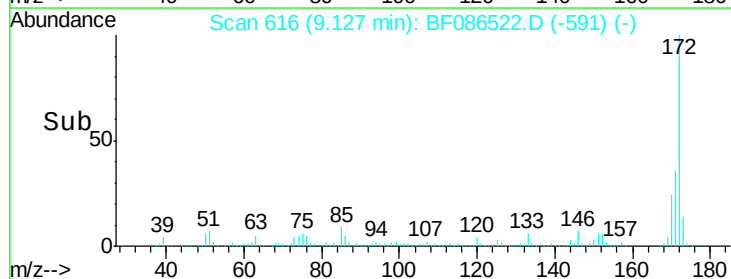
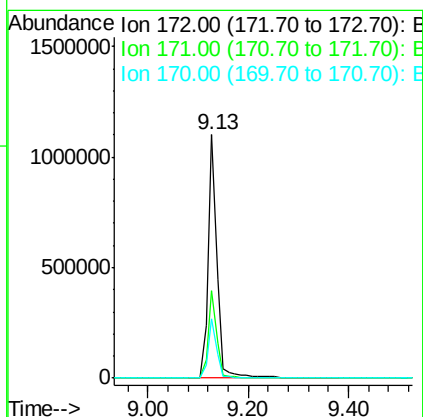
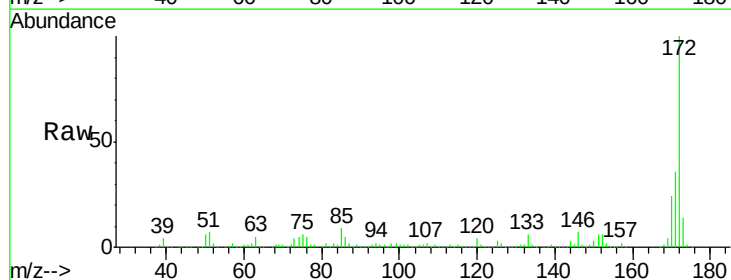
Instrument :
 BNA_F
 ClientSampleId :

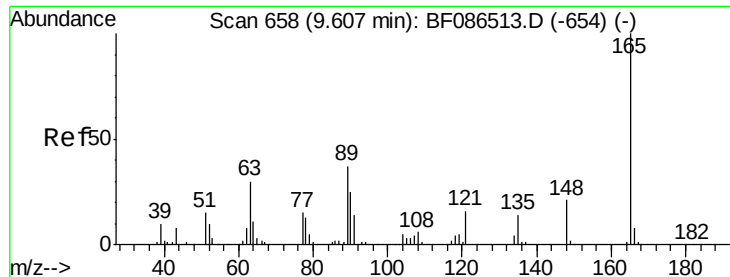
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	37.5	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 80.88 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086522.D
 Acq: 30 Apr 2016 14:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.3	19.8	29.8





#50

2,6-Dinitrotoluene

Concen: 8.02 ng

RT: 9.80 min Scan# 675

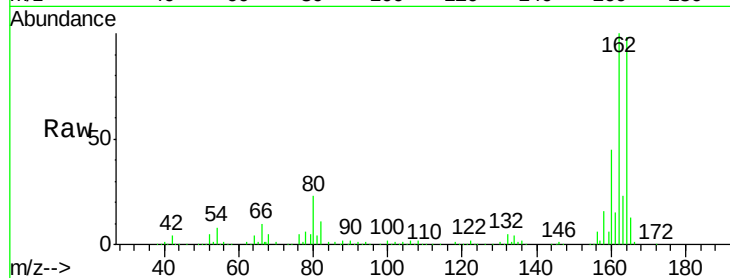
Delta R.T. 0.19 min

Lab File: BF086522.D

Acq: 30 Apr 2016 14:30

Instrument :
BNA_F
ClientSampleId :

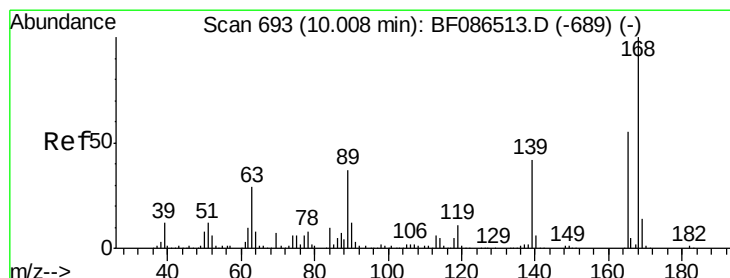
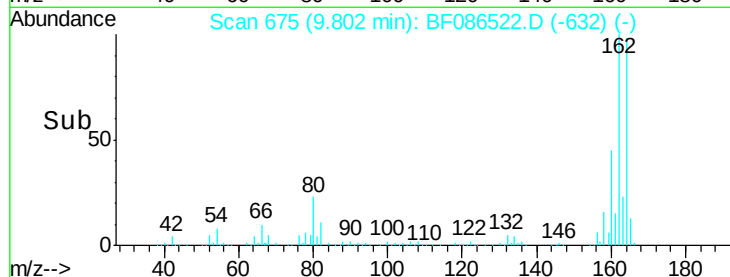
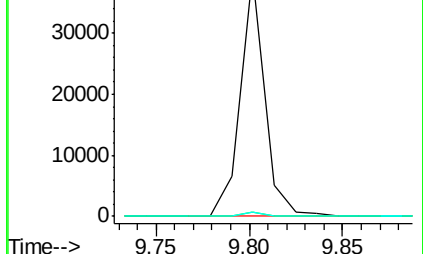
Tot Ion:165	Resp:	36192
Ion Ratio	Lower	Upper
165	100	
63	1.7	51.8 77.8#
89	1.8	50.7 76.1#



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: 6.29 ng

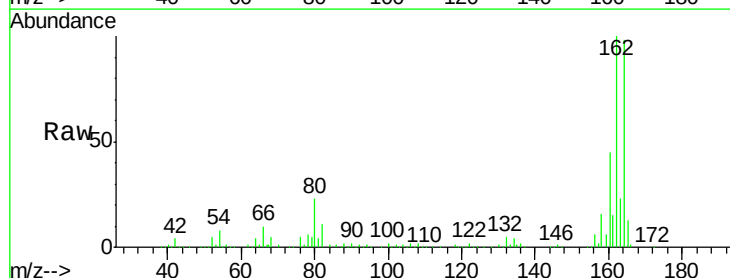
RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF086522.D

Acq: 30 Apr 2016 14:30

Tgt Ion:165	Resp:	36194
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#

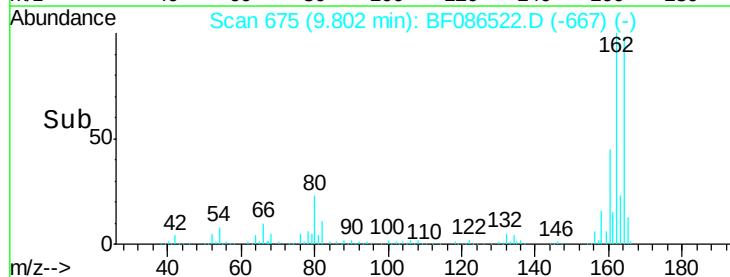
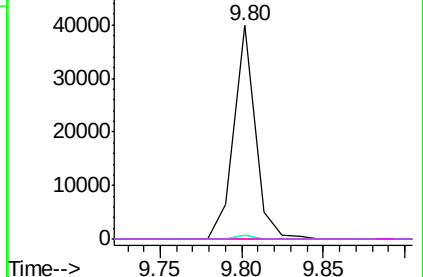


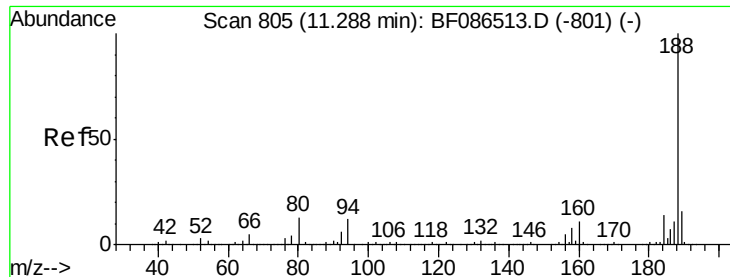
Abundance Ion 165.00 (164.70 to 165.70): E

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

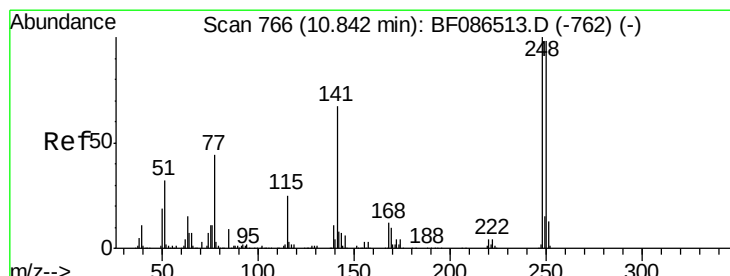
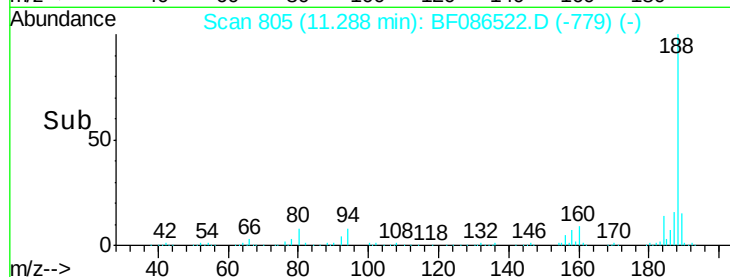
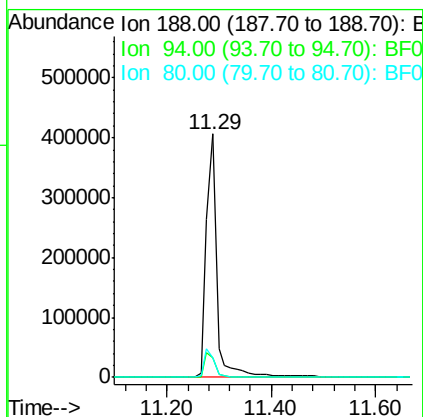
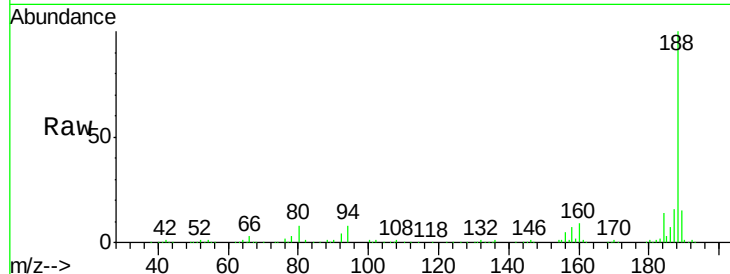




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF086522.D
 Acq: 30 Apr 2016 14:30

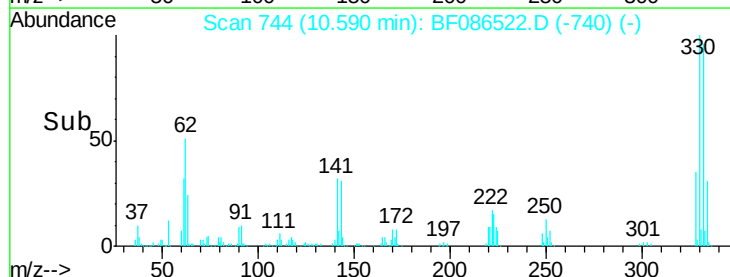
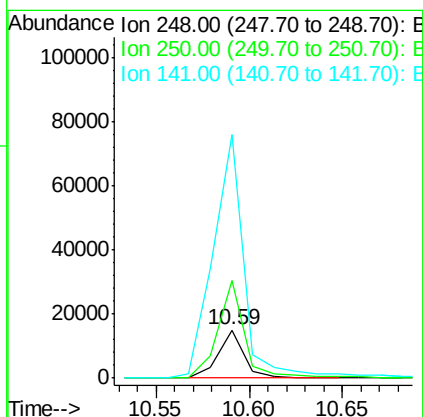
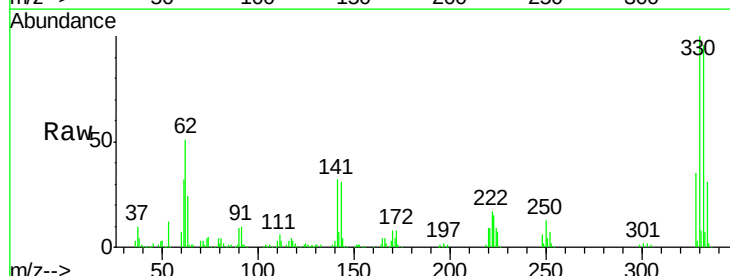
Instrument :
 BNA_F
 ClientSampleId :

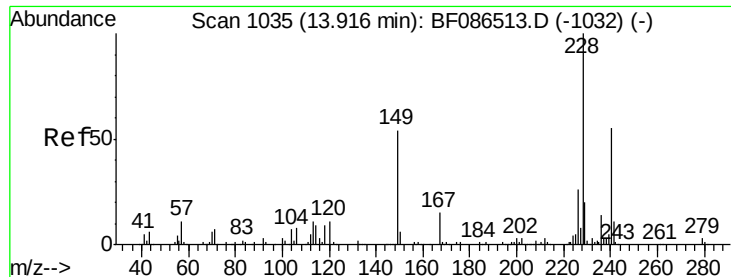
Tot Ion:188 Resp: 568332
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.8 10.2
 80 8.2 7.1 10.7



#66
 4-Bromophenyl-phenylether
 Concen: 2.49 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.25 min
 Lab File: BF086522.D
 Acq: 30 Apr 2016 14:30

Tgt Ion:248 Resp: 14607
 Ion Ratio Lower Upper
 248 100
 250 202.0 78.6 117.8#
 141 504.6 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: BF086522.D

Acq: 30 Apr 2016 14:30

Instrument :

BNA_F

ClientSampleId :

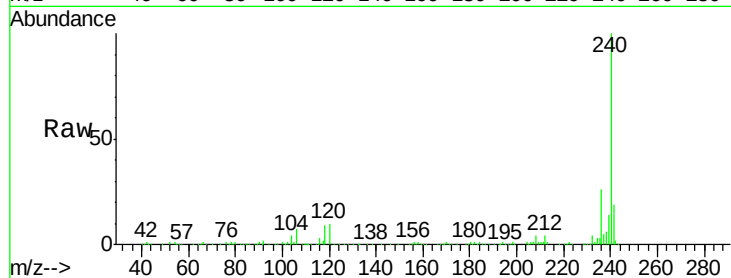
Tot Ion:240 Resp: 525448

Ion Ratio Lower Upper

240 100

120 10.1 11.2 16.8#

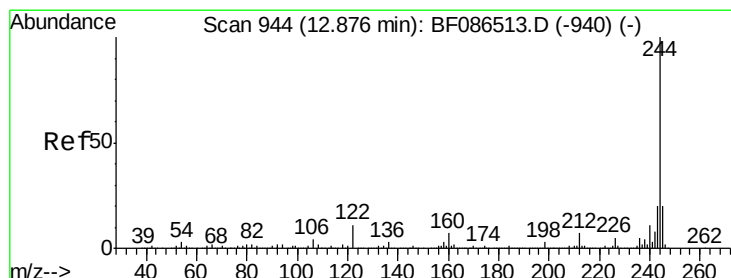
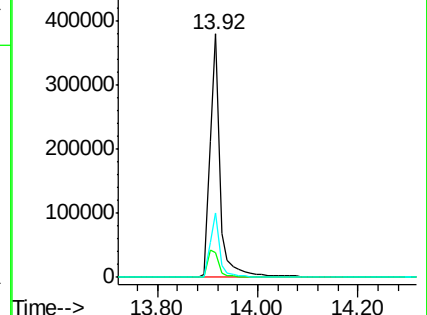
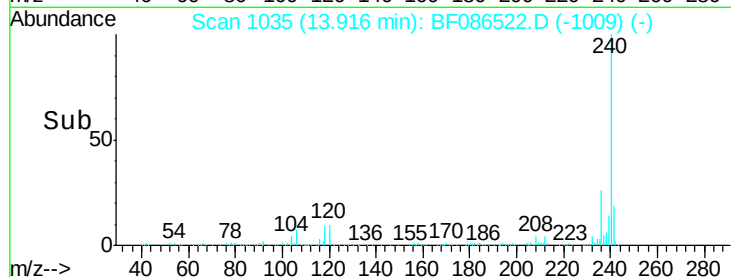
236 26.3 21.2 31.8



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: 65.87 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF086522.D

Acq: 30 Apr 2016 14:30

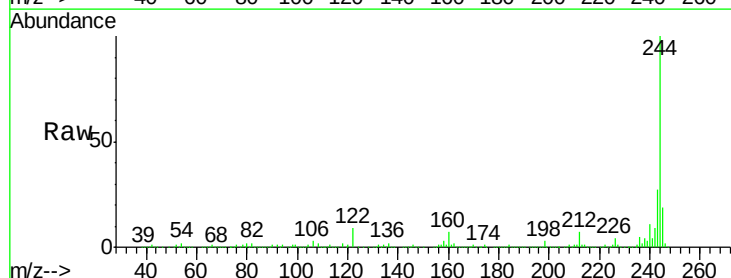
Tgt Ion:244 Resp: 1570940

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

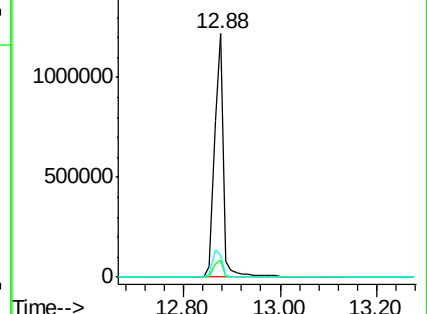
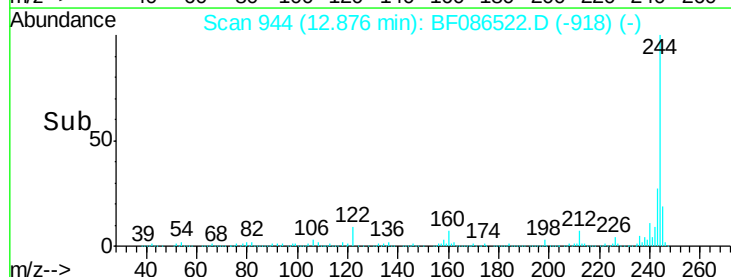
122 9.0 12.0 18.0#

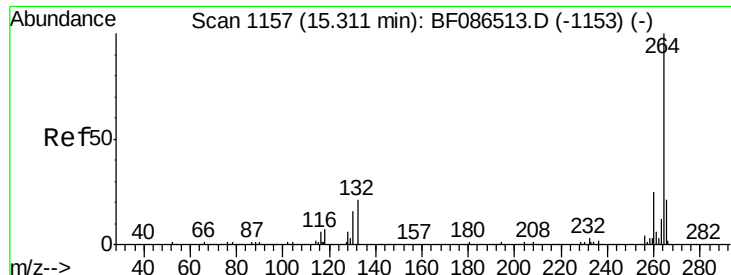


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

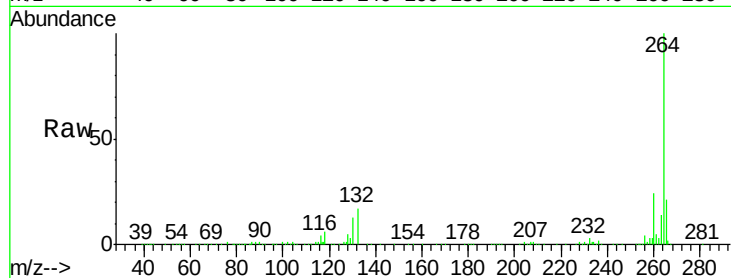




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF086522.D
Acq: 30 Apr 2016 14:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.3	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

