

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086524.D
 Acq On : 30 Apr 2016 15:27
 Operator : UM/SJ
 Sample : PB90186BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:20:32 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

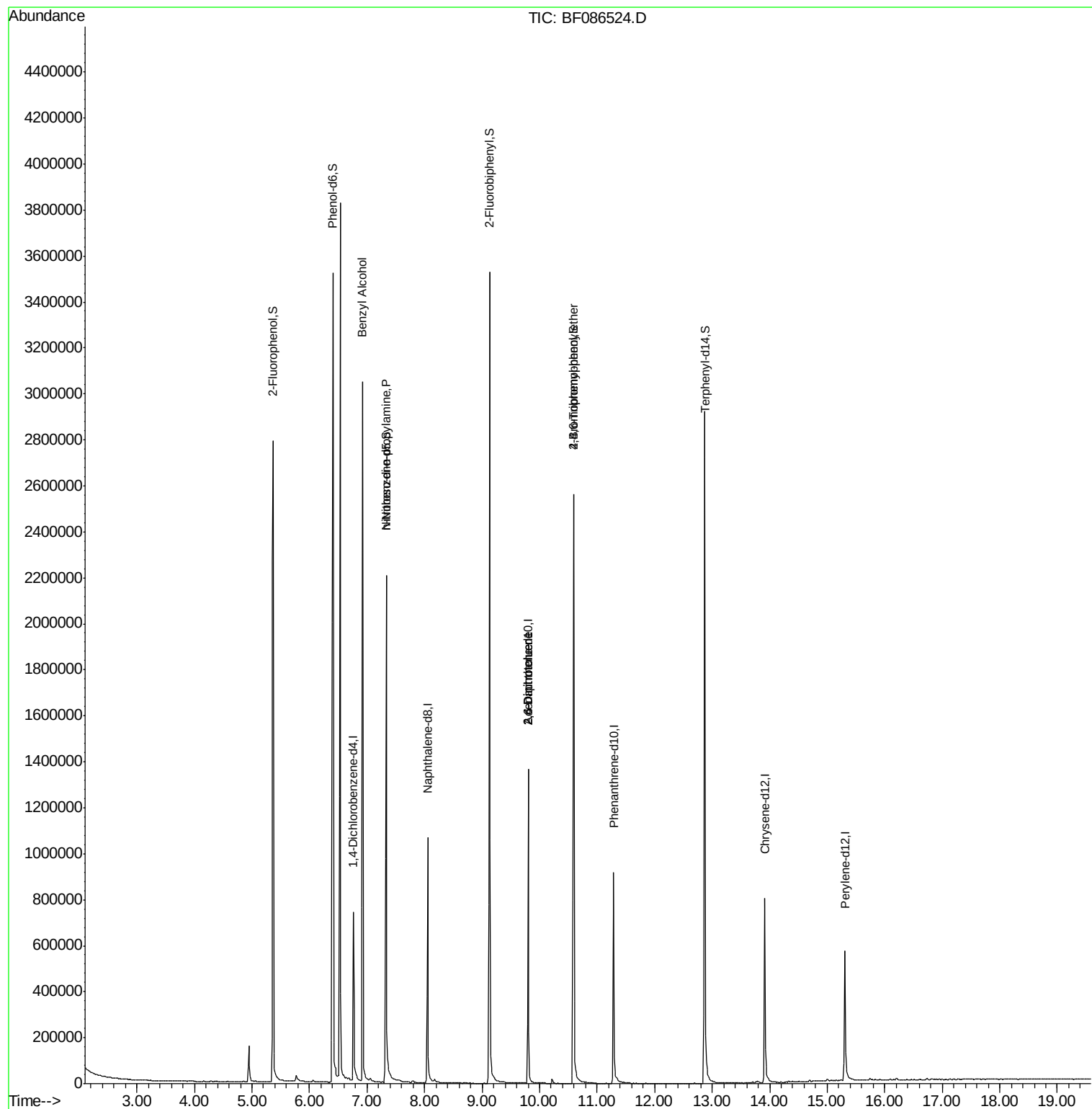
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	126068	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	571617	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	273540	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	545092	20.00	ng	0.00
75) Chrysene-d12	13.92	240	481803	20.00	ng	0.00
86) Perylene-d12	15.31	264	369774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1012301	138.50	ng	0.01
7) Phenol-d6	6.41	99	1395065	136.76	ng	0.00
23) Nitrobenzene-d5	7.33	82	862893	81.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	316299	109.65	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1292042	82.04	ng	-0.01
78) Terphenyl-d14	12.88	244	1442872	65.98	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.92	79	14106	2.19	ng	# 38
19) n-Nitroso-di-n-propylamine	7.33	70	114175	16.93	ng	# 79
50) 2,6-Dinitrotoluene	9.80	165	35041	8.24	ng	# 20
56) 2,4-Dinitrotoluene	9.80	165	35044	6.46	ng	# 16
66) 4-Bromophenyl-phenylether	10.59	248	18879	3.36	ng	# 1

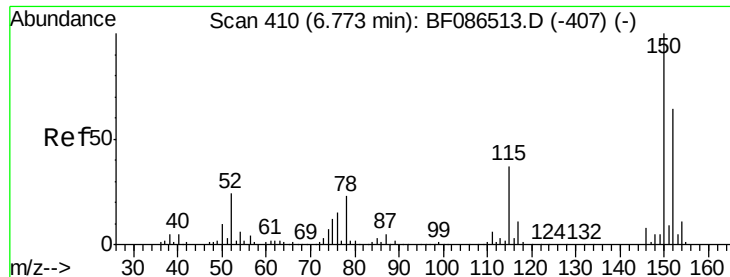
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086524.D
Acq On : 30 Apr 2016 15:27
Operator : UM/SJ
Sample : PB90186BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 01 01:20:32 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



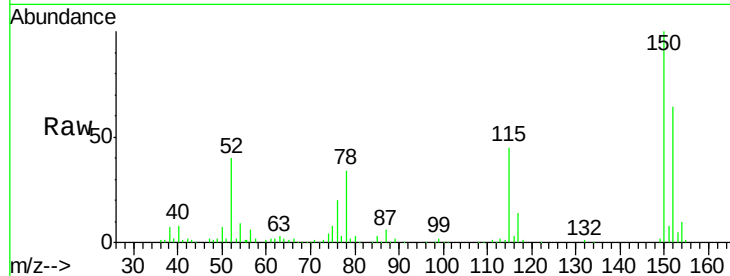


#1

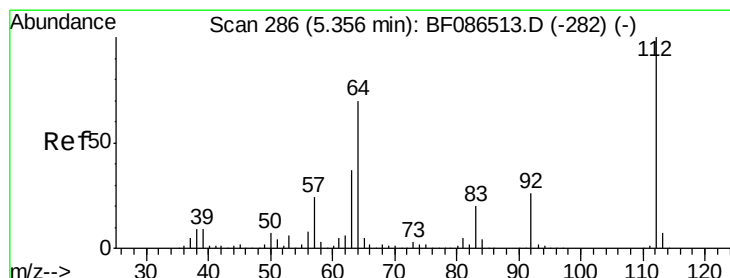
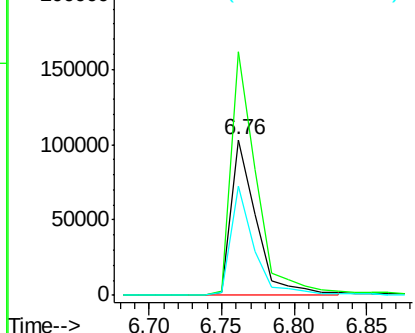
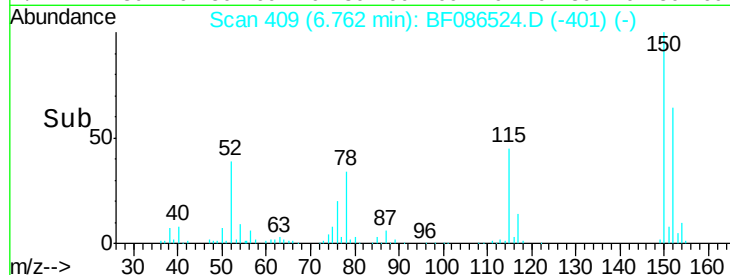
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086524.D
Acq: 30 Apr 2016 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126068
Ion Ratio Lower Upper
152 100
150 156.3 125.8 188.6
115 70.3 51.5 77.3



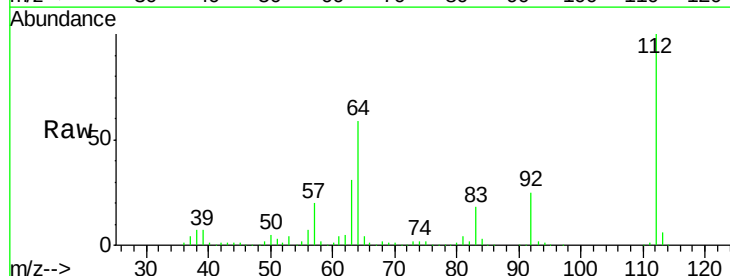
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



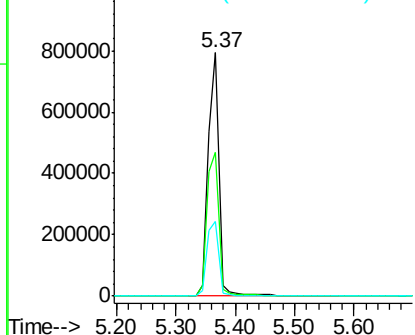
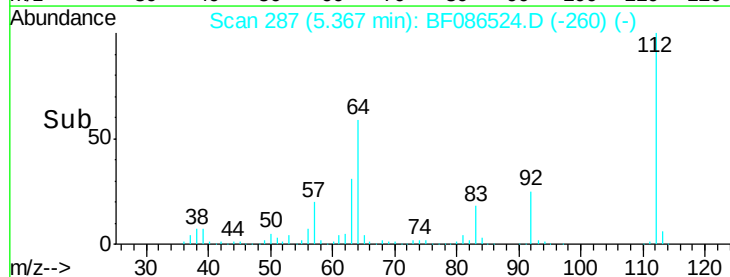
#5

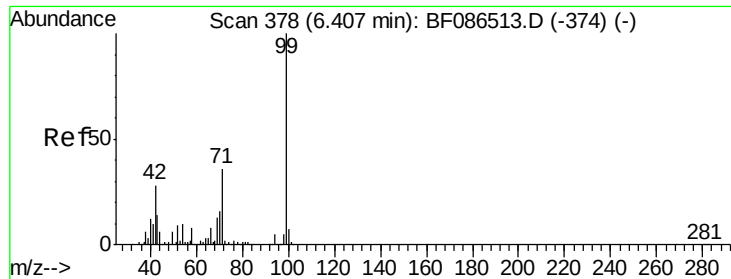
2-Fluorophenol
Concen: 138.50 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF086524.D
Acq: 30 Apr 2016 15:27

Tgt Ion:112 Resp: 1012301
Ion Ratio Lower Upper
112 100
64 58.9 52.1 78.1
63 30.8 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: 136.76 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086524.D

Acq: 30 Apr 2016 15:27

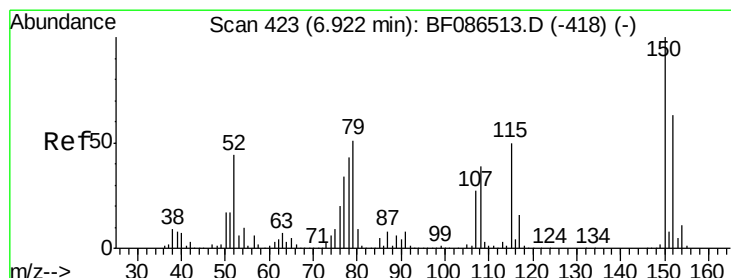
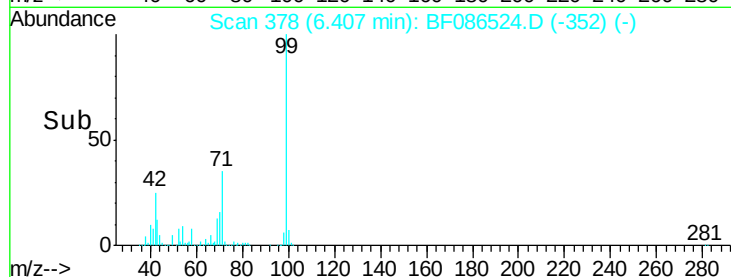
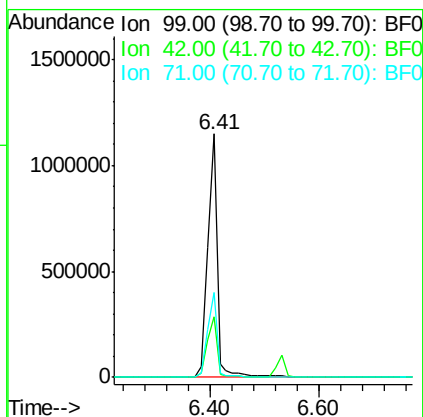
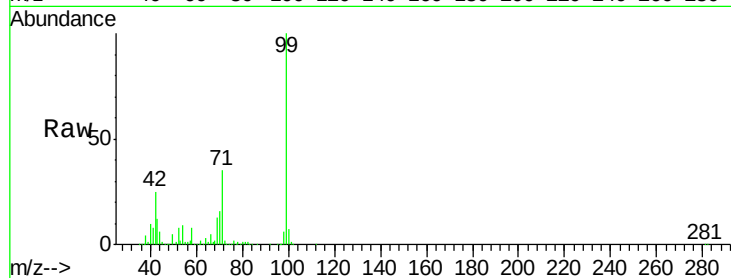
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1395065

Ion	Ratio	Lower	Upper
99	100		
42	24.6	13.6	20.4#
71	34.8	24.6	36.8



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 6.92 min Scan# 423

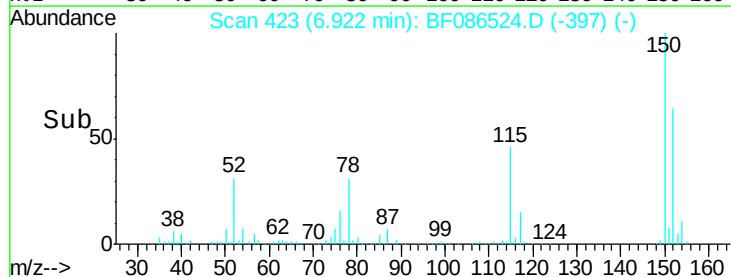
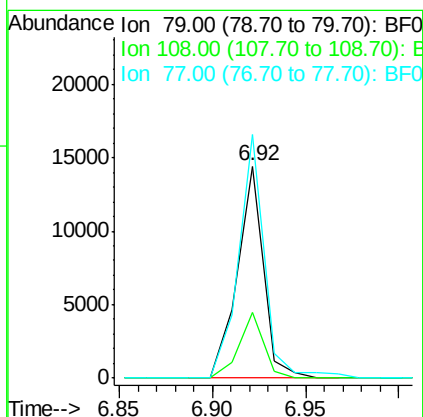
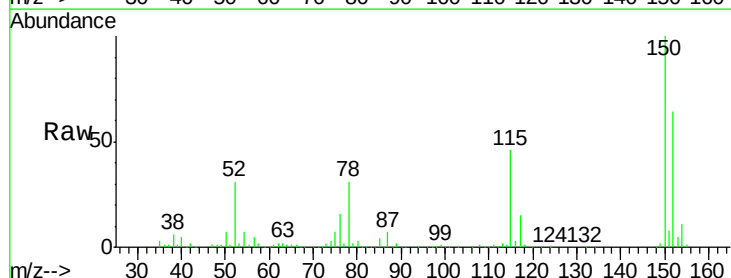
Delta R.T. 0.00 min

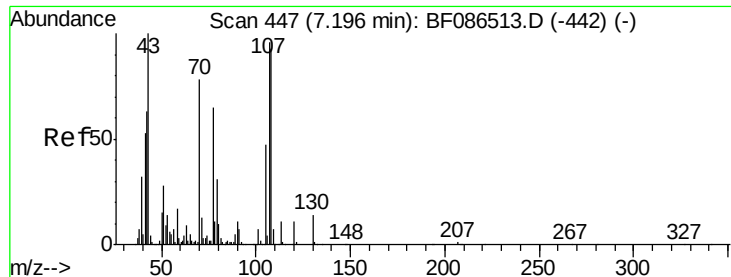
Lab File: BF086524.D

Acq: 30 Apr 2016 15:27

Tgt Ion: 79 Resp: 14106

Ion	Ratio	Lower	Upper
79	100		
108	31.2	68.4	102.6#
77	115.0	50.6	76.0#

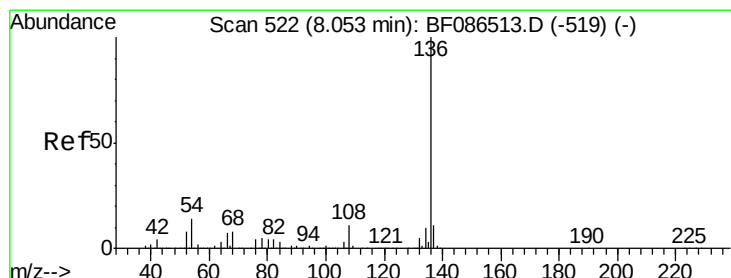
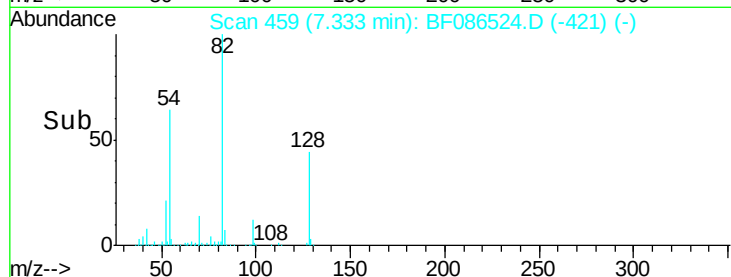
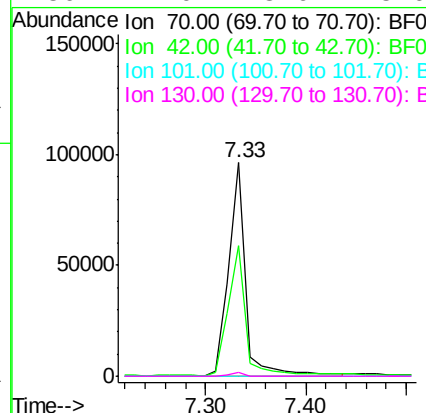
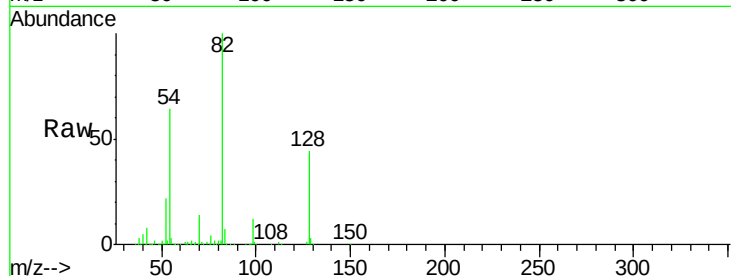




#19
n-Nitroso-di-n-propylamine
Concen: 16.93 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF086524.D
Acq: 30 Apr 2016 15:27

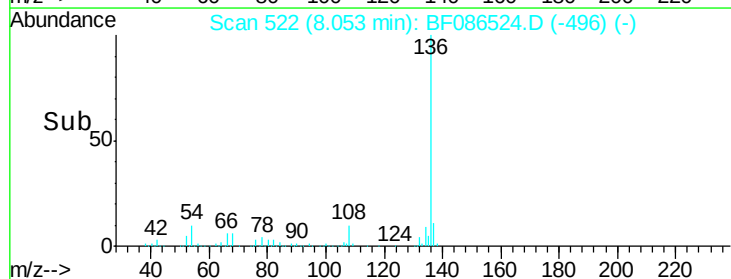
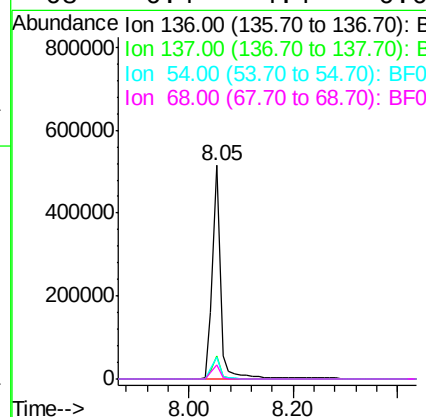
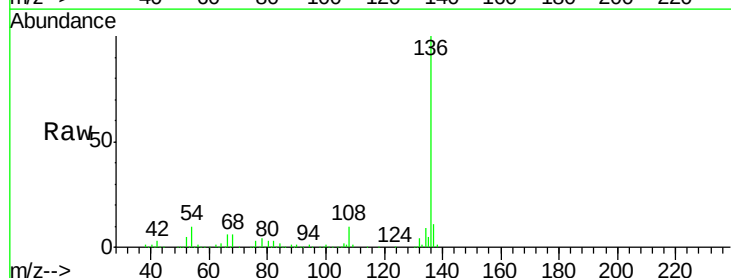
Instrument :
BNA_F
ClientSampleId :

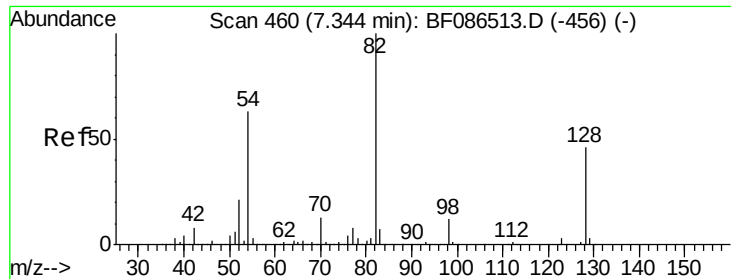
Tot Ion: 70 Resp: 114175
Ion Ratio Lower Upper
70 100
42 61.1 43.1 64.7
101 0.0 8.1 12.1#
130 2.0 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF086524.D
Acq: 30 Apr 2016 15:27

Tgt Ion:136 Resp: 571617
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.3 5.0 7.4#
68 6.4 4.4 6.6

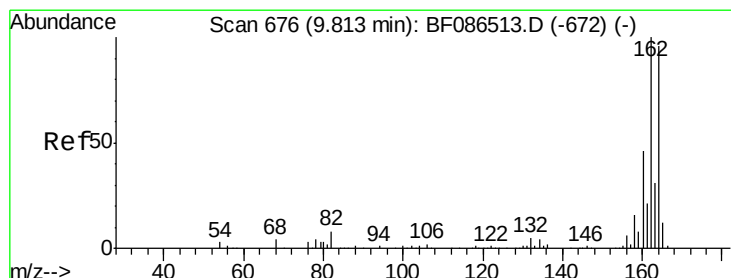
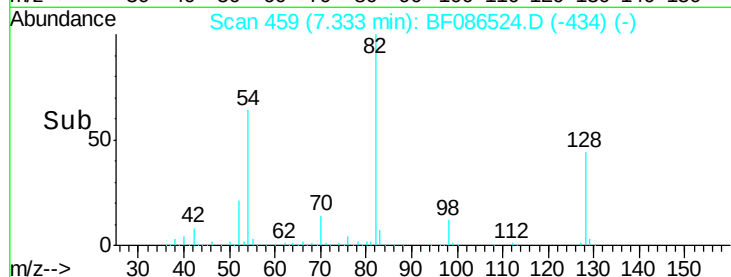
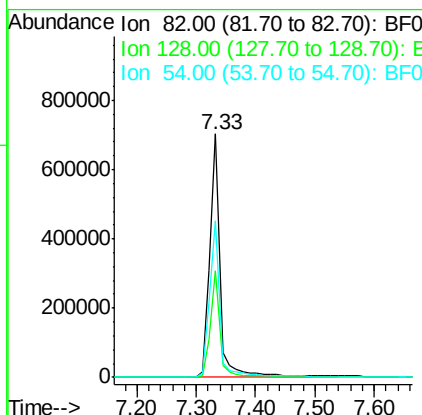
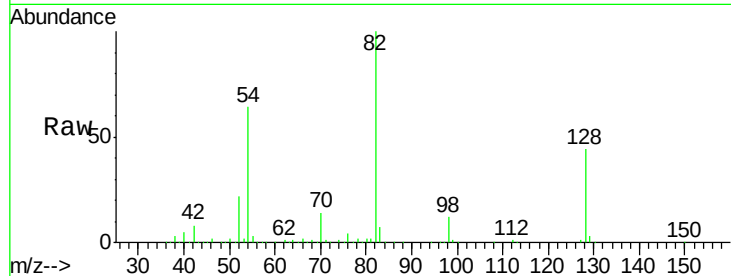




#23
 Nitrobenzene-d5
 Concen: 81.37 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086524.D
 Acq: 30 Apr 2016 15:27

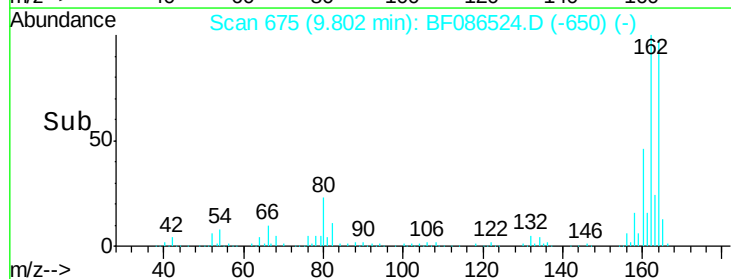
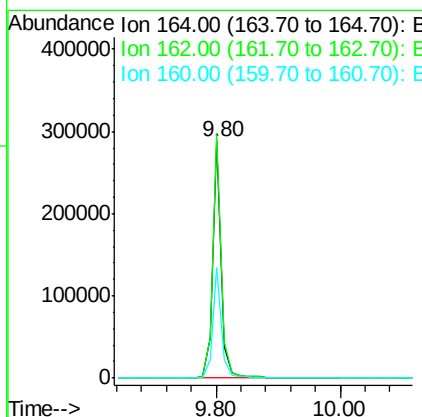
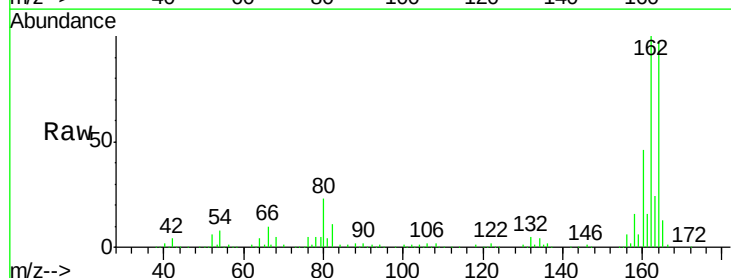
Instrument :
 BNA_F
 ClientSampleID :

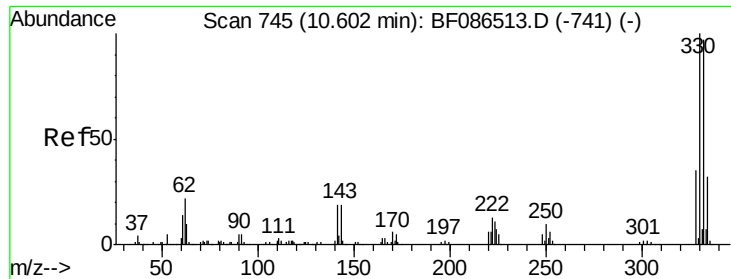
Tot Ion: 82 Resp: 862893
 Ion Ratio Lower Upper
 82 100
 128 43.7 40.6 61.0
 54 64.3 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086524.D
 Acq: 30 Apr 2016 15:27

Tgt Ion:164 Resp: 273540
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.8 124.2
 160 46.8 36.9 55.3

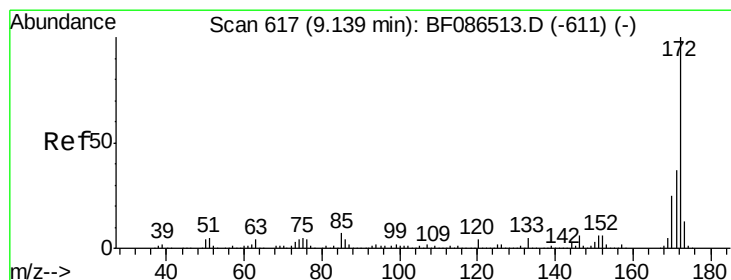
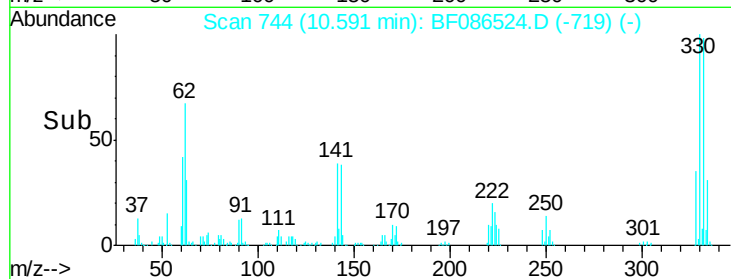
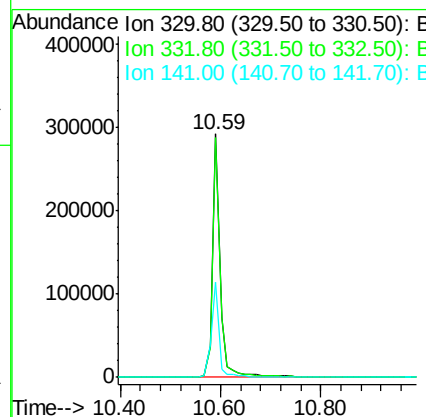
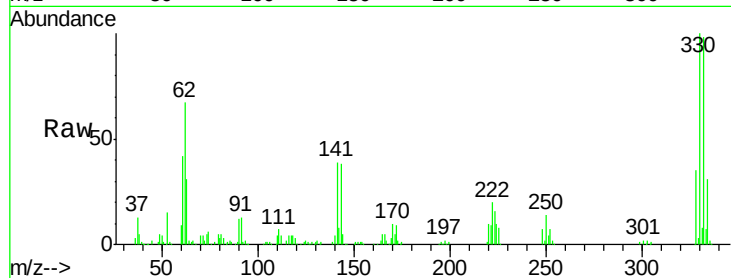




#41
 2,4,6-Tribromophenol
 Concen: 109.65 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086524.D
 Acq: 30 Apr 2016 15:27

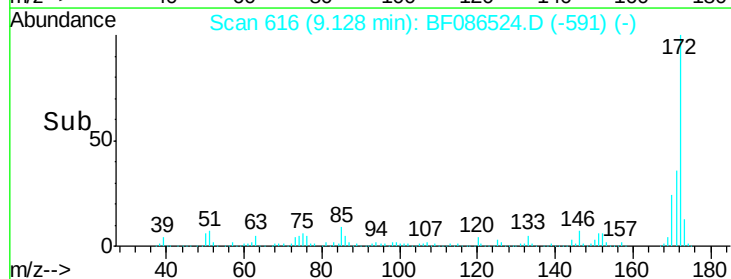
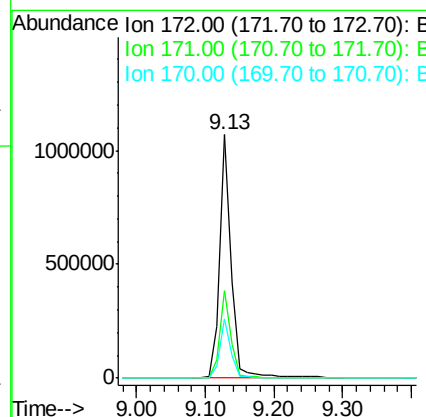
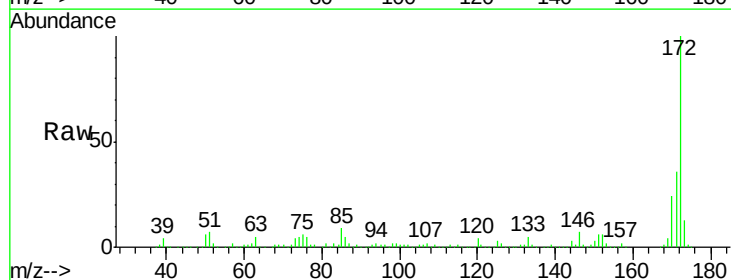
Instrument :
 BNA_F
 ClientSampleId :

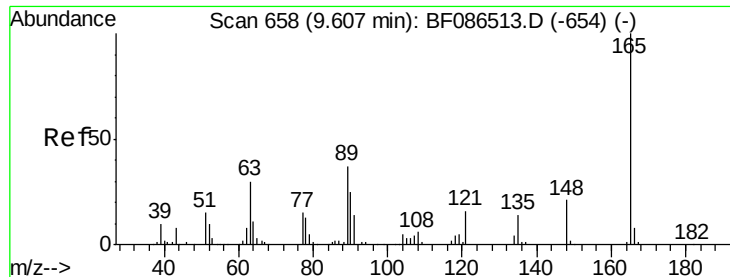
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	39.4	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 82.04 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086524.D
 Acq: 30 Apr 2016 15:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	24.1	19.8	29.8





#50

2,6-Dinitrotoluene

Concen: 8.24 ng

RT: 9.80 min Scan# 675

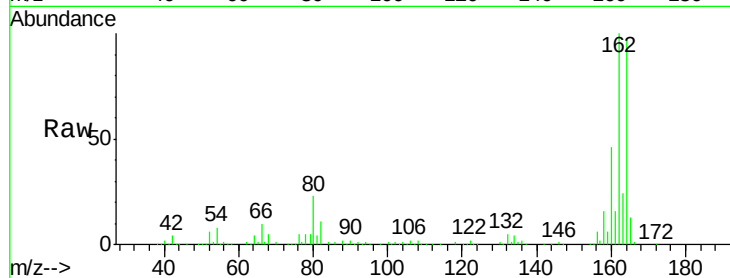
Delta R.T. 0.19 min

Lab File: BF086524.D

Acq: 30 Apr 2016 15:27

Instrument :
BNA_F
ClientSampleId :

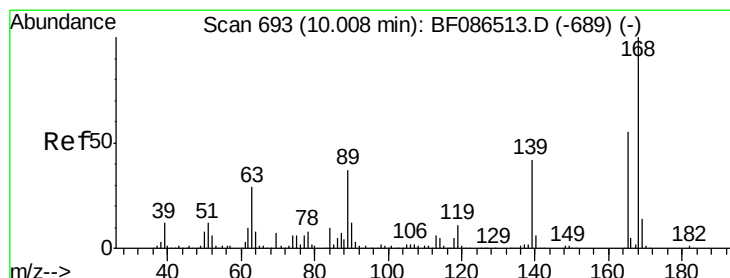
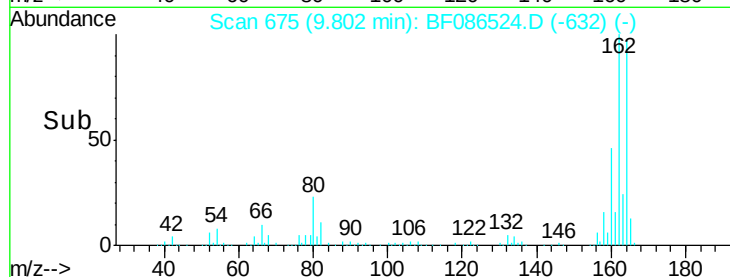
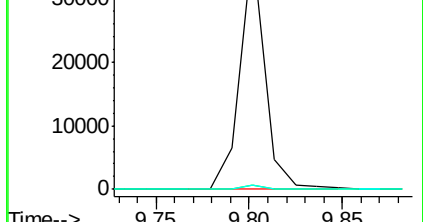
Tot Ion:165	Resp:	35041
Ion Ratio	Lower	Upper
165	100	
63	1.7	51.8 77.8#
89	1.8	50.7 76.1#



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: 6.46 ng

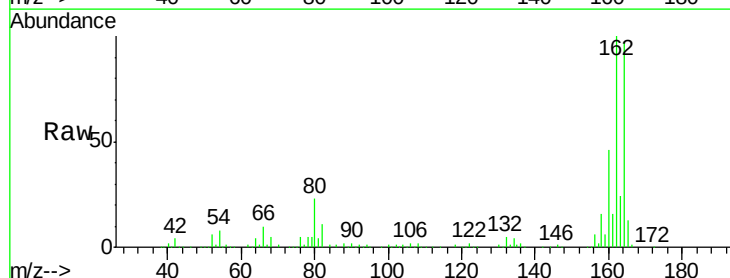
RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF086524.D

Acq: 30 Apr 2016 15:27

Tgt Ion:165	Resp:	35044
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#

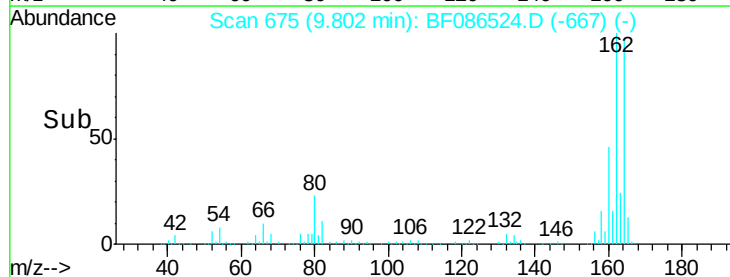
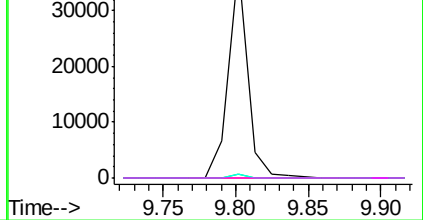


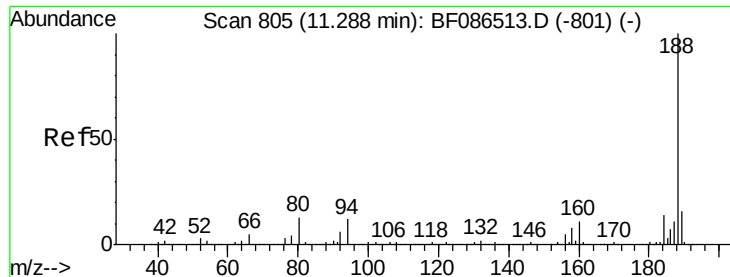
Abundance Ion 165.00 (164.70 to 165.70): E

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

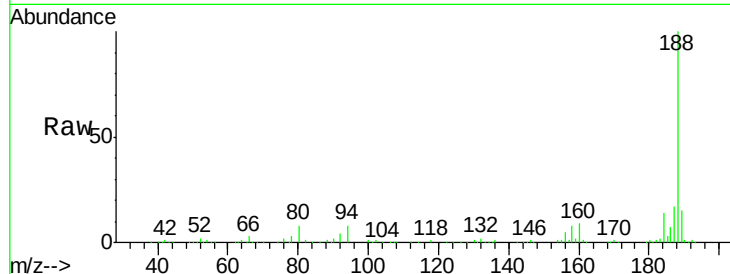




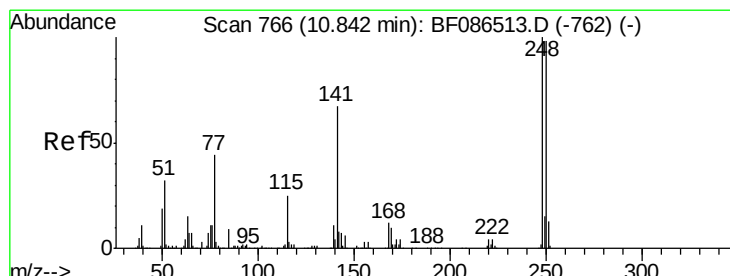
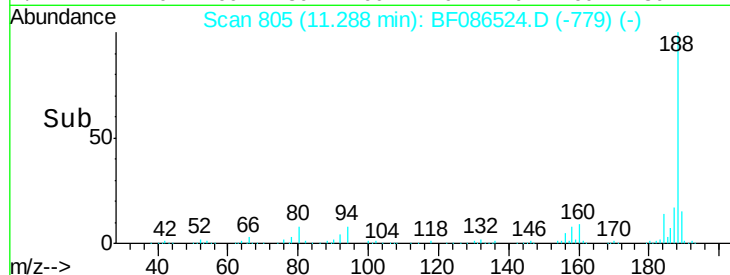
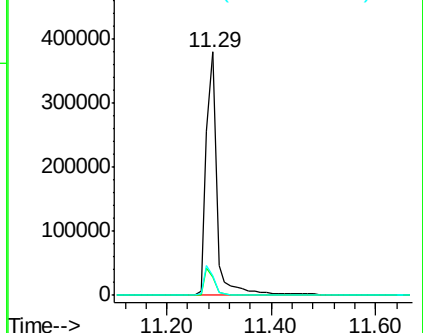
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF086524.D
Acq: 30 Apr 2016 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 545092
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 7.9 7.1 10.7

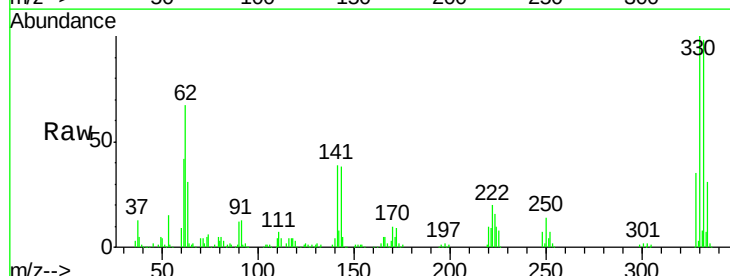


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

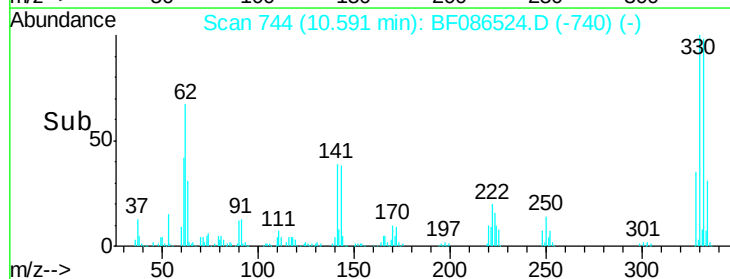
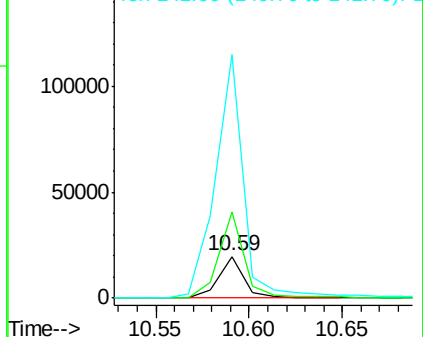


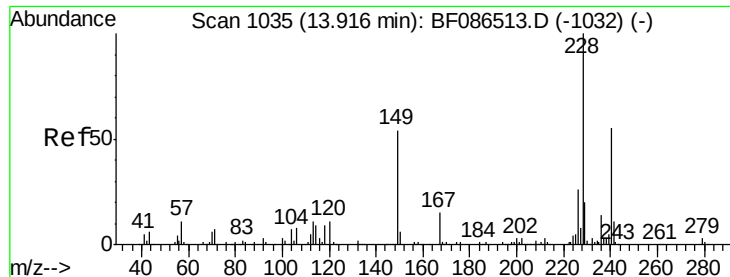
#66
4-Bromophenyl-phenylether
Concen: 3.36 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF086524.D
Acq: 30 Apr 2016 15:27

Tgt Ion:248 Resp: 18879
Ion Ratio Lower Upper
248 100
250 206.4 78.6 117.8#
141 584.4 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086524.D

Acq: 30 Apr 2016 15:27

Instrument :

BNA_F

ClientSampleId :

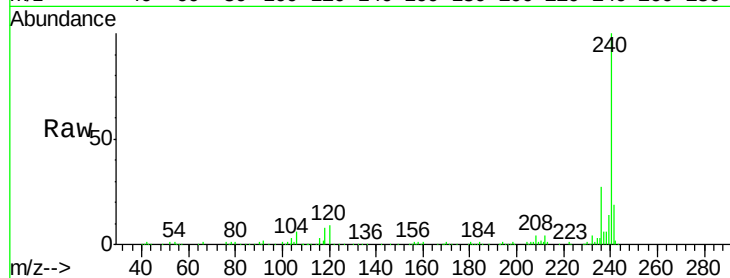
Tot Ion:240 Resp: 481803

Ion Ratio Lower Upper

240 100

120 9.2 11.2 16.8#

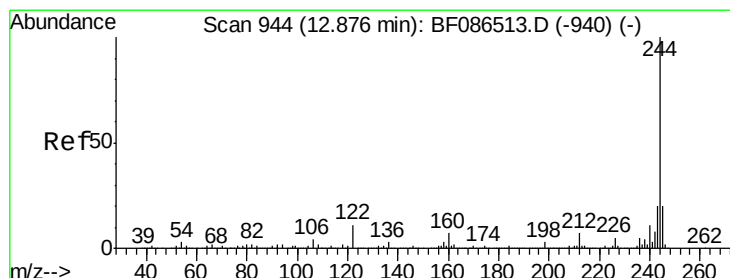
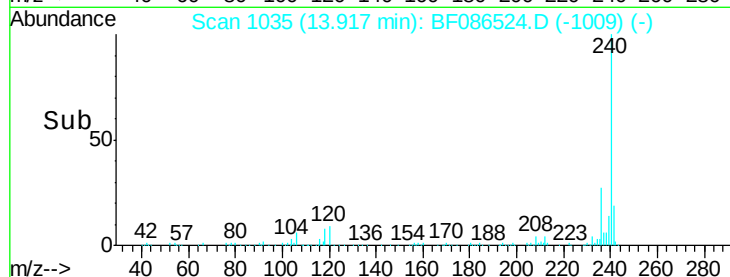
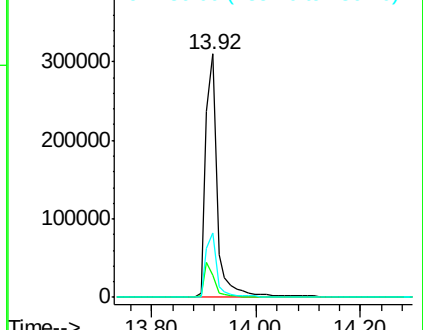
236 26.6 21.2 31.8



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: 65.98 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF086524.D

Acq: 30 Apr 2016 15:27

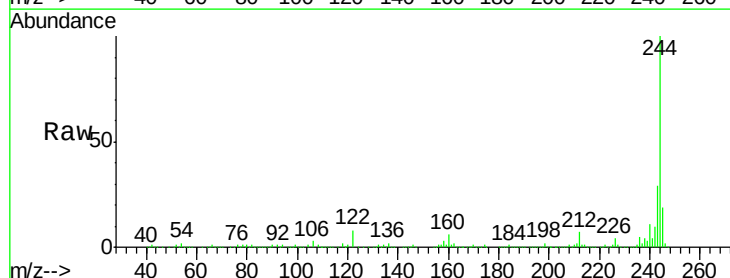
Tgt Ion:244 Resp: 1442872

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

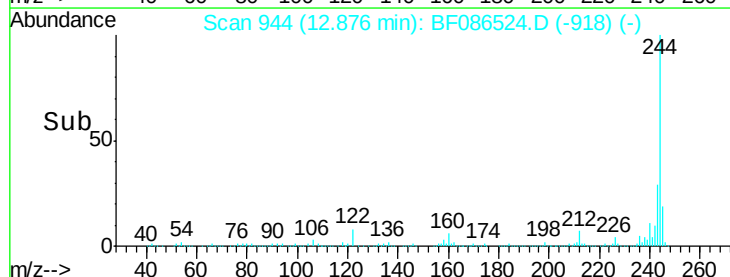
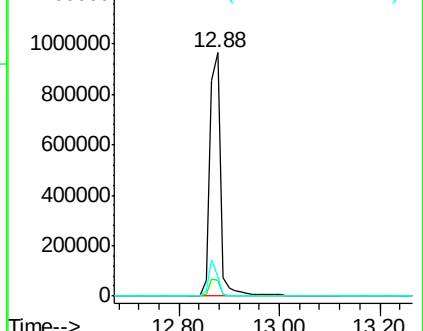
122 8.0 12.0 18.0#

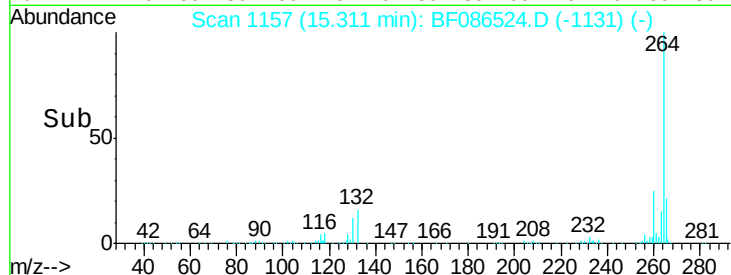
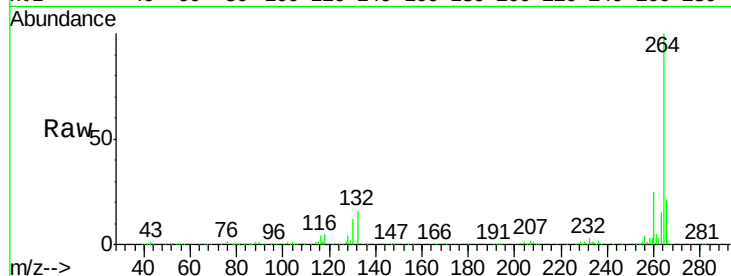
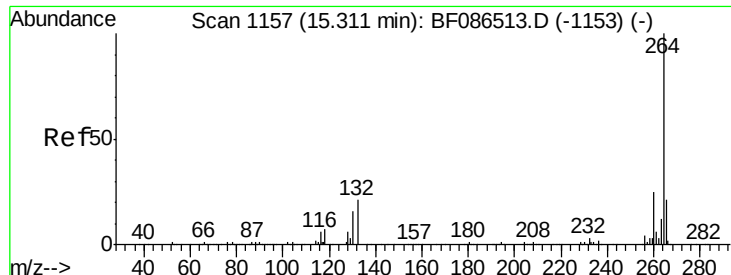


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086524.D
 Acq: 30 Apr 2016 15:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	369774
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.5	17.3	25.9

