

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086523.D
 Acq On : 30 Apr 2016 14:59
 Operator : UM/SJ
 Sample : PB90183BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:20:22 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

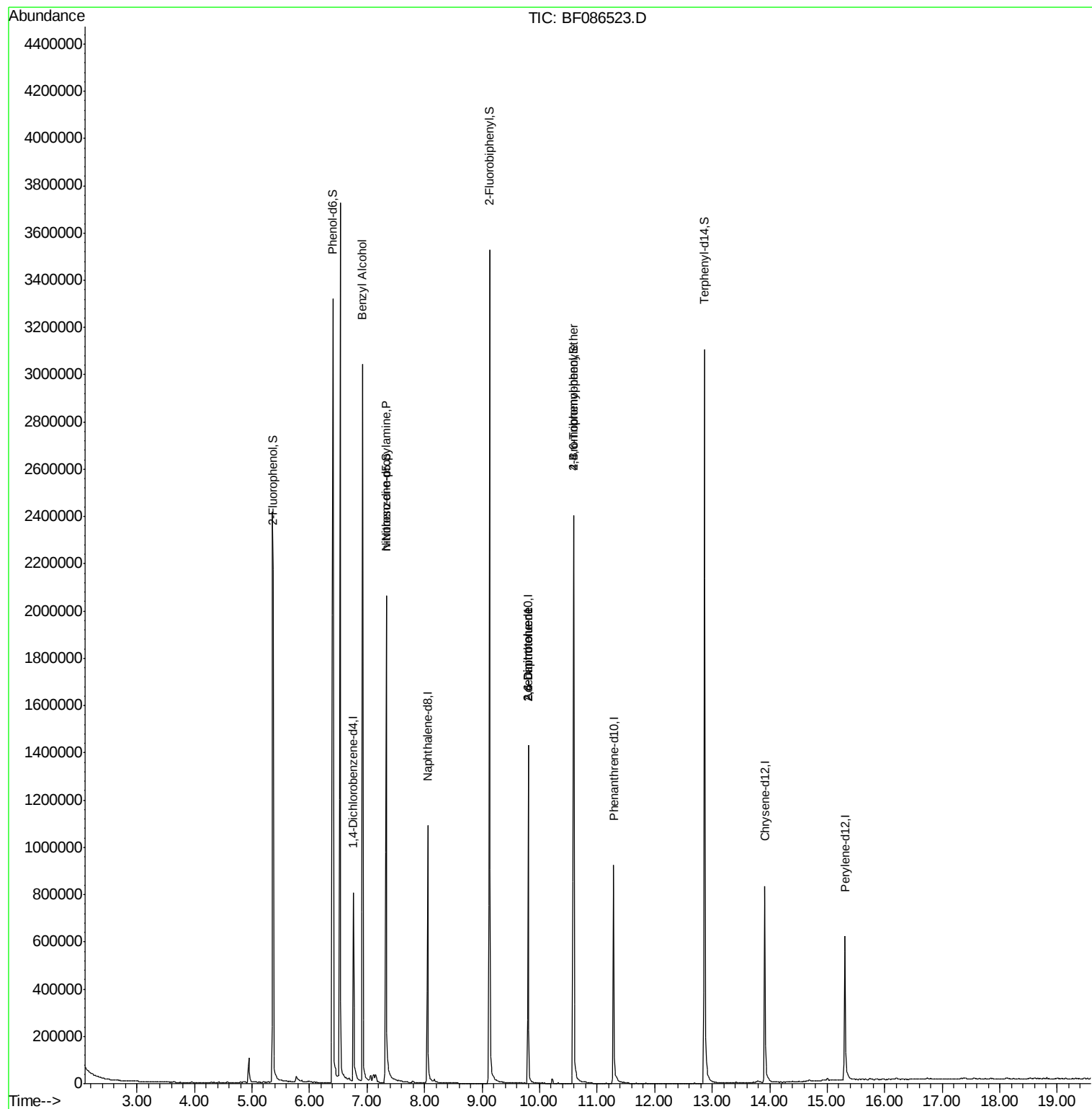
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	131704	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	584110	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	288054	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	561009	20.00	ng	0.00
75) Chrysene-d12	13.92	240	486297	20.00	ng	0.00
86) Perylene-d12	15.31	264	375103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	935569	122.53	ng	0.01
7) Phenol-d6	6.41	99	1348592	126.55	ng	0.00
23) Nitrobenzene-d5	7.33	82	825617	76.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	313343	103.15	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1246328	73.42	ng	-0.01
78) Terphenyl-d14	12.87	244	1363130	61.76	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.92	79	14417	2.14	ng	# 42
19) n-Nitroso-di-n-propylamine	7.33	70	109936	15.61	ng	# 79
50) 2,6-Dinitrotoluene	9.80	165	35305	7.88	ng	# 20
56) 2,4-Dinitrotoluene	9.80	165	35533	6.22	ng	# 16
66) 4-Bromophenyl-phenylether	10.59	248	18853	3.26	ng	# 1

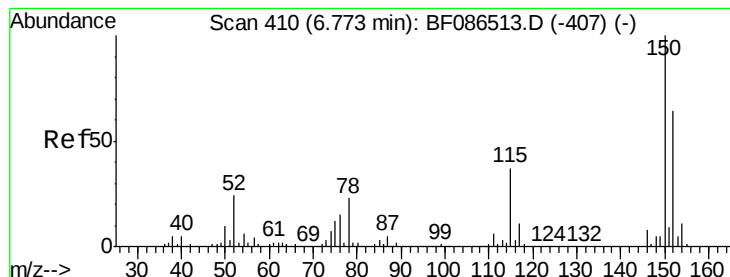
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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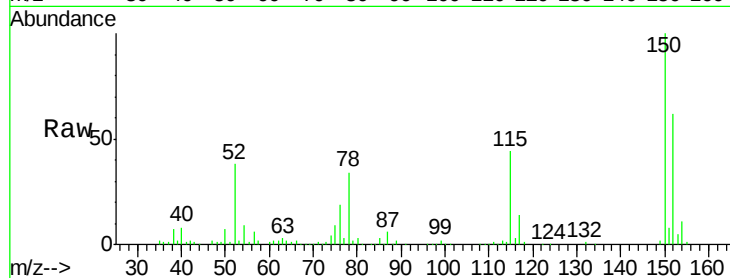


#1

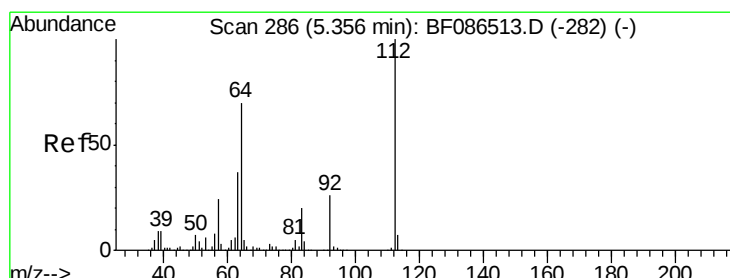
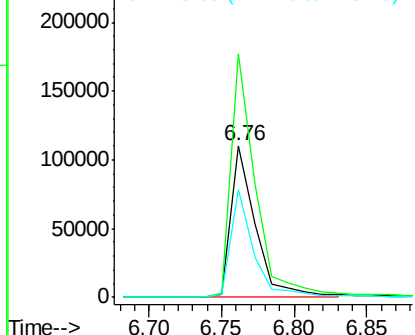
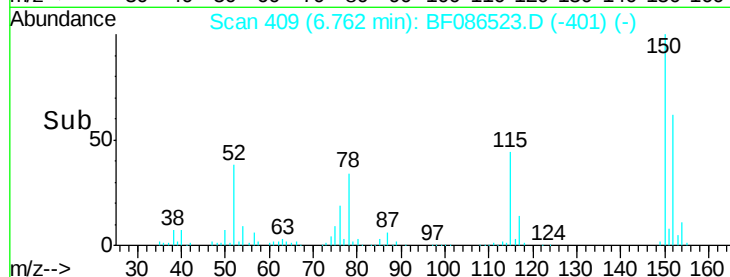
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086523.D
Acq: 30 Apr 2016 14:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 131704
Ion Ratio Lower Upper
152 100
150 160.4 125.8 188.6
115 70.8 51.5 77.3



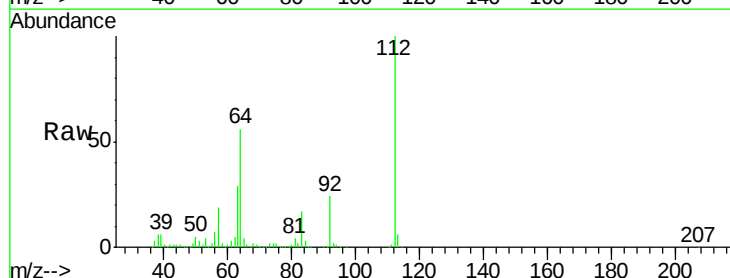
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



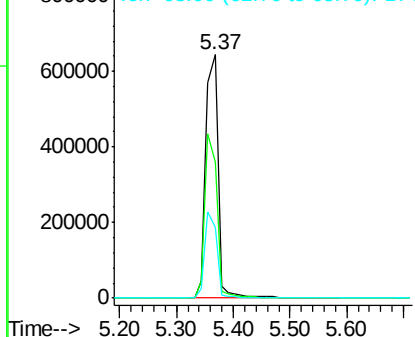
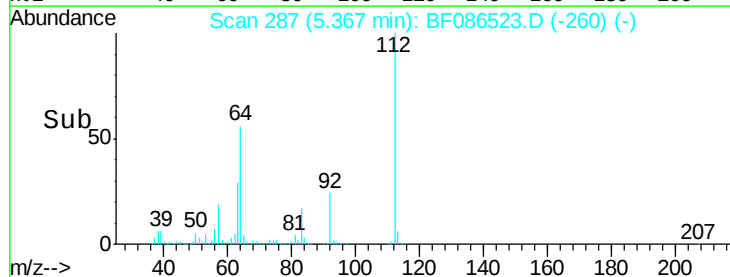
#5

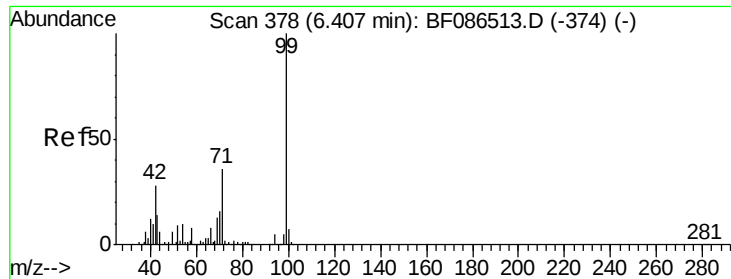
2-Fluorophenol
Concen: 122.53 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF086523.D
Acq: 30 Apr 2016 14:59

Tgt Ion:112 Resp: 935569
Ion Ratio Lower Upper
112 100
64 55.9 52.1 78.1
63 28.9 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: 126.55 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086523.D

Acq: 30 Apr 2016 14:59

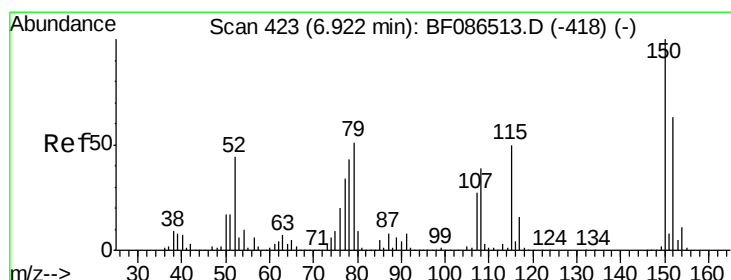
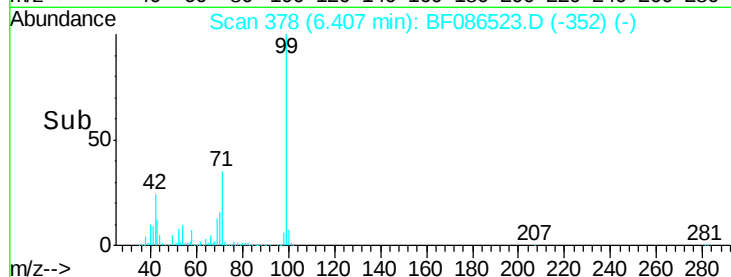
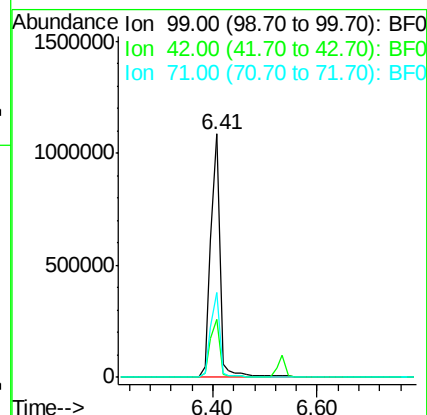
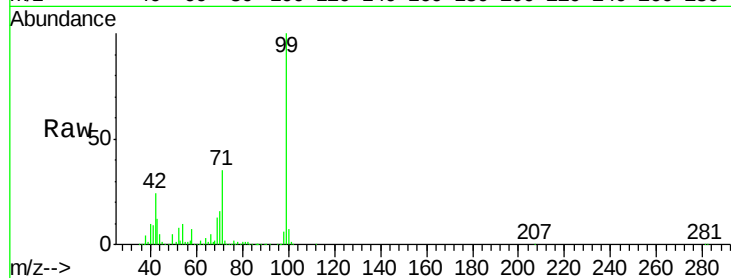
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1348592

Ion	Ratio	Lower	Upper
99	100		
42	24.1	13.6	20.4#
71	34.6	24.6	36.8



#15

Benzyl Alcohol

Concen: 2.14 ng

RT: 6.92 min Scan# 423

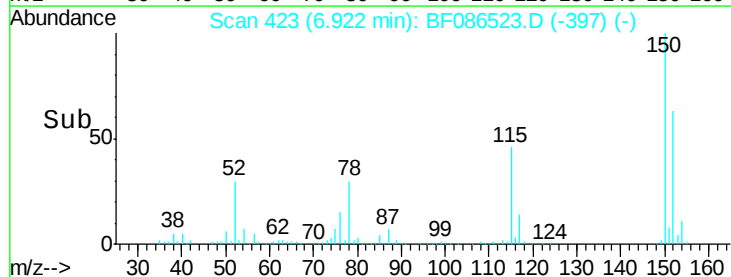
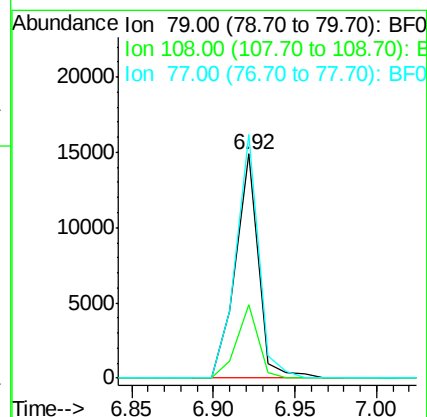
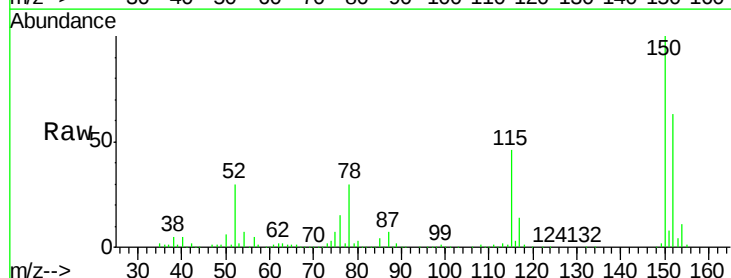
Delta R.T. 0.00 min

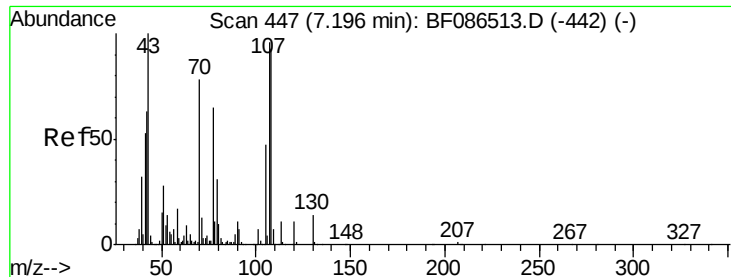
Lab File: BF086523.D

Acq: 30 Apr 2016 14:59

Tgt Ion: 79 Resp: 14417

Ion	Ratio	Lower	Upper
79	100		
108	32.6	68.4	102.6#
77	108.7	50.6	76.0#

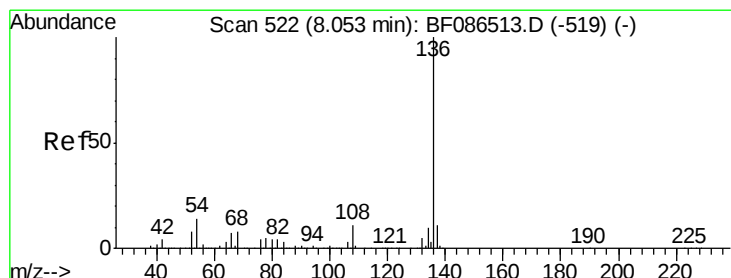
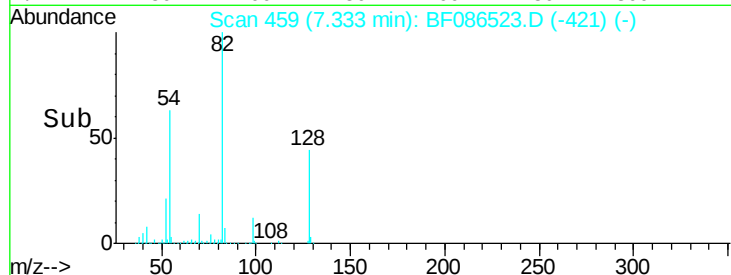
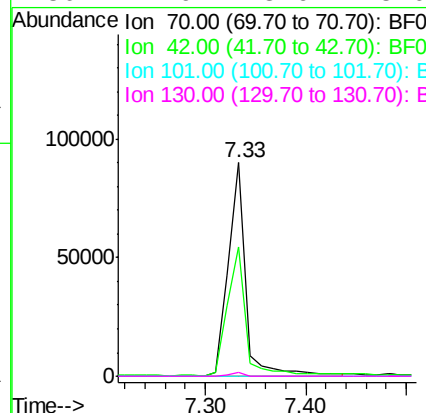
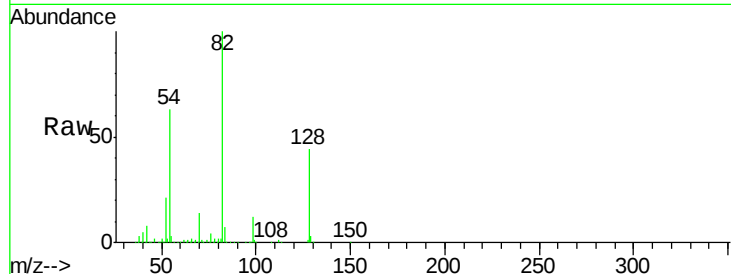




#19
n-Nitroso-di-n-propylamine
Concen: 15.61 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF086523.D
Acq: 30 Apr 2016 14:59

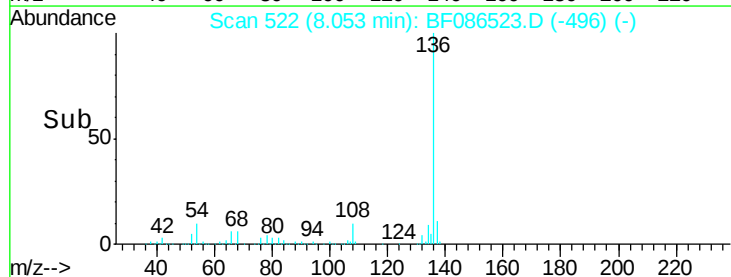
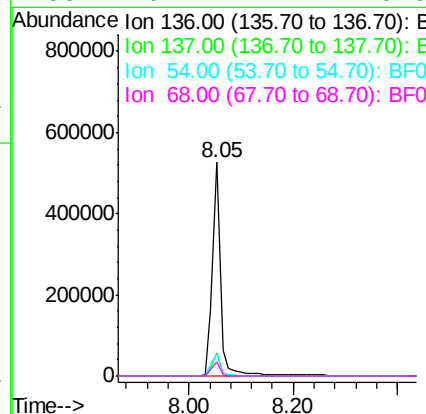
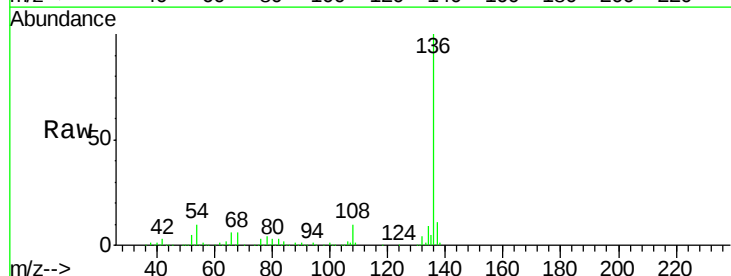
Instrument :
BNA_F
ClientSampleId :

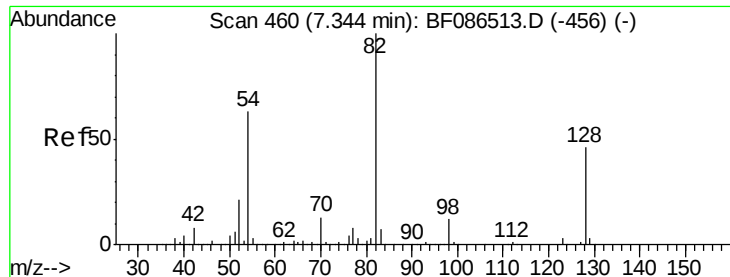
Tot Ion	Ratio	Lower	Upper
70	100		
42	60.6	43.1	64.7
101	0.0	8.1	12.1#
130	1.9	18.6	28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF086523.D
Acq: 30 Apr 2016 14:59

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.3	5.0	7.4#
68	6.4	4.4	6.6

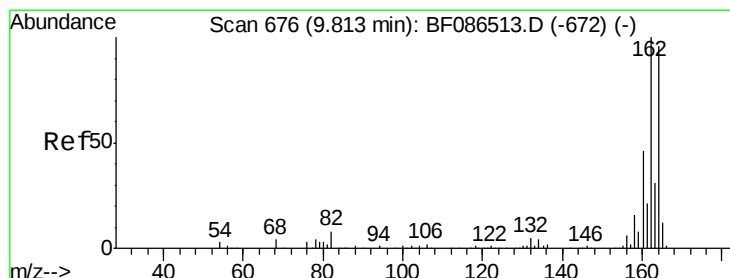
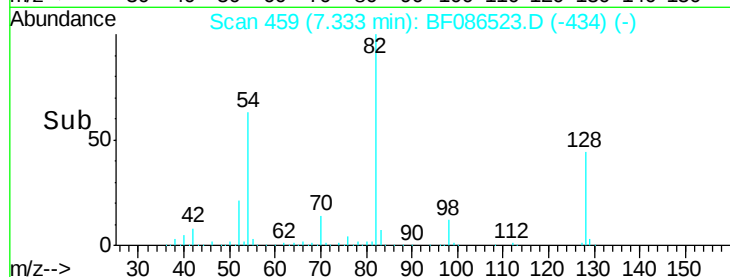
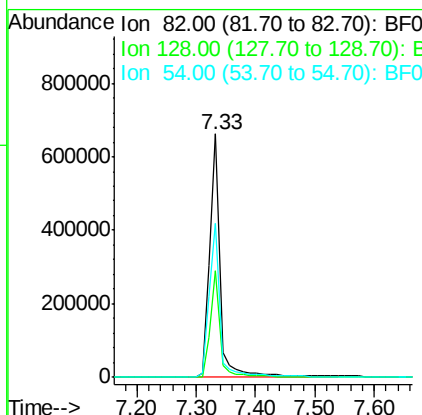
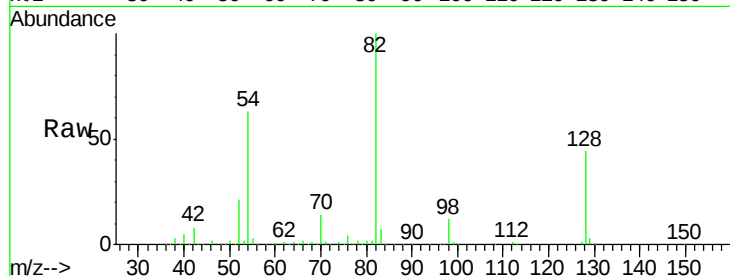




#23
 Nitrobenzene-d5
 Concen: 76.19 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086523.D
 Acq: 30 Apr 2016 14:59

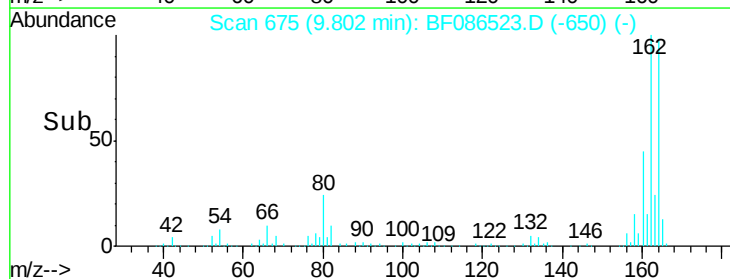
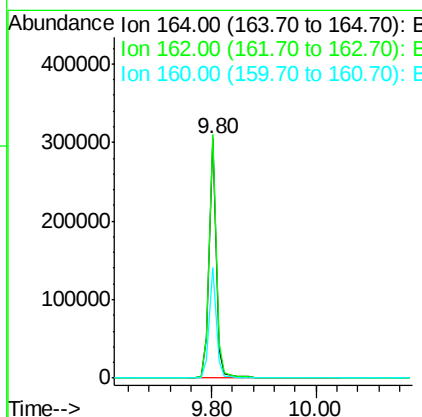
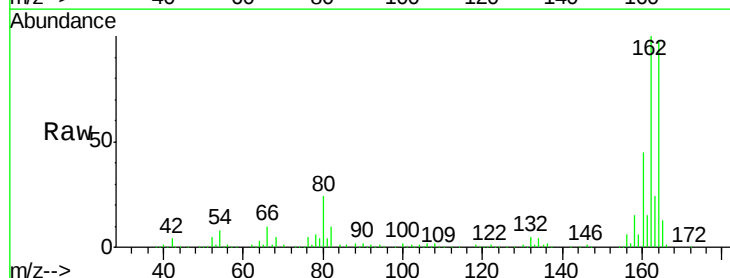
Instrument :
 BNA_F
 ClientSampleId :

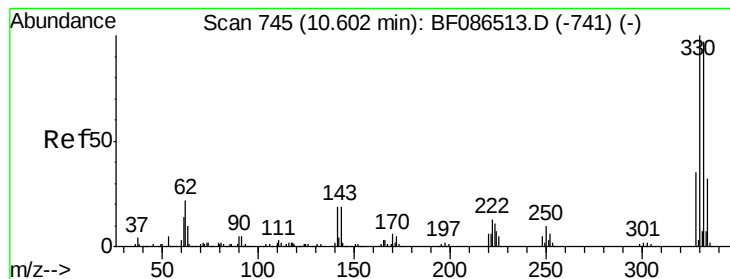
Tot Ion: 82 Resp: 825617
 Ion Ratio Lower Upper
 82 100
 128 43.6 40.6 61.0
 54 63.2 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086523.D
 Acq: 30 Apr 2016 14:59

Tgt Ion:164 Resp: 288054
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.8 124.2
 160 46.1 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 103.15 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF086523.D

Acq: 30 Apr 2016 14:59

Instrument :

BNA_F

ClientSampleId :

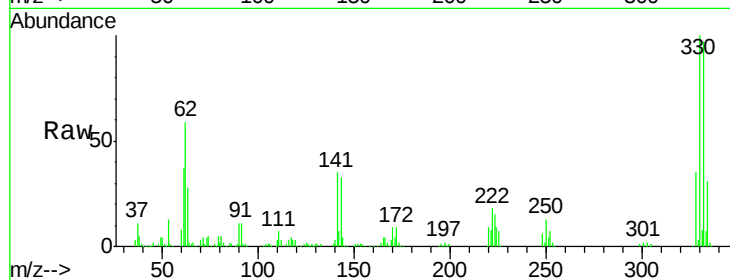
Tot Ion:330 Resp: 313343

Ion Ratio Lower Upper

330 100

332 97.3 79.0 118.4

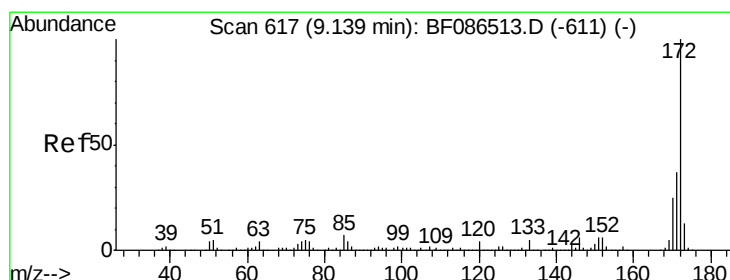
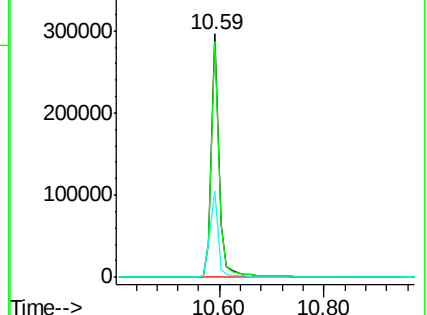
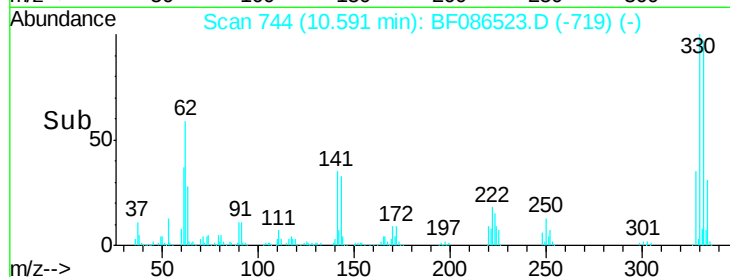
141 38.0 31.2 46.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 73.42 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF086523.D

Acq: 30 Apr 2016 14:59

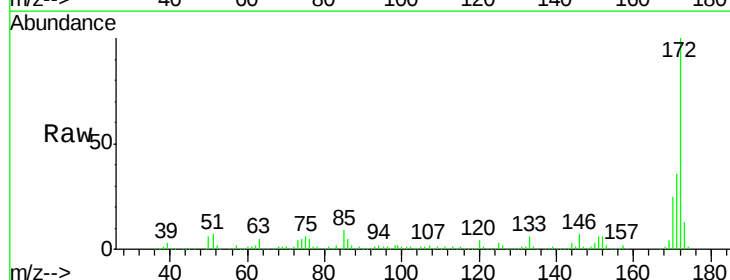
Tgt Ion:172 Resp: 1246328

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

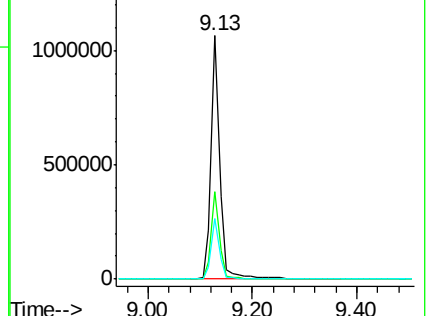
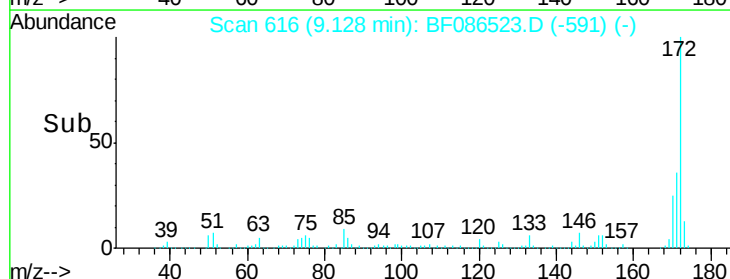
170 24.6 19.8 29.8

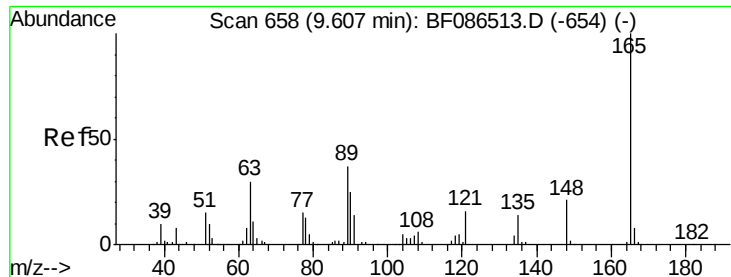


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

2,6-Dinitrotoluene

Concen: 7.88 ng

RT: 9.80 min Scan# 675

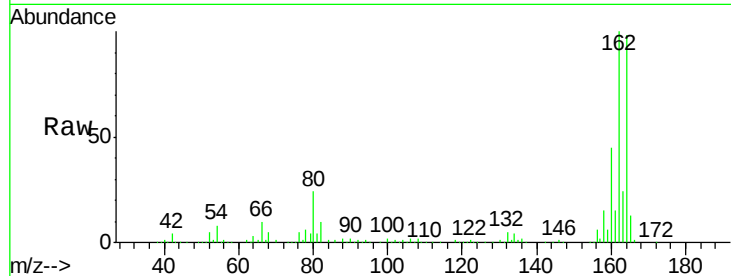
Delta R.T. 0.19 min

Lab File: BF086523.D

Acq: 30 Apr 2016 14:59

Instrument :
BNA_F
ClientSampleId :

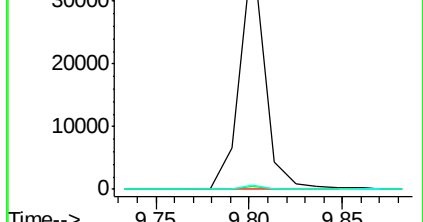
Tot Ion:165	Resp:	35305
Ion Ratio	Lower	Upper
165	100	
63	1.5	51.8 77.8#
89	1.7	50.7 76.1#



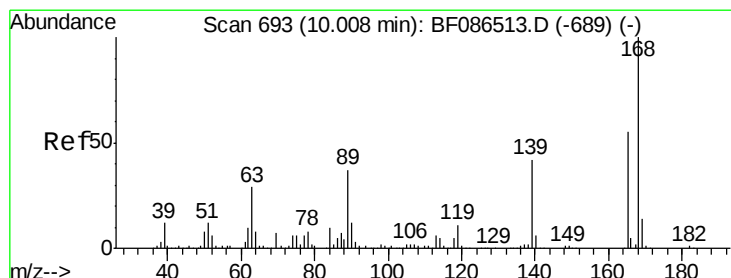
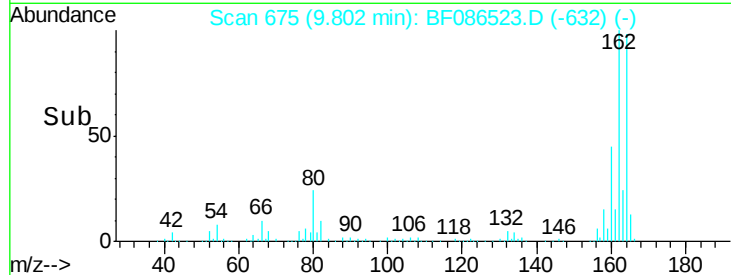
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



Time-->



#56

2,4-Dinitrotoluene

Concen: 6.22 ng

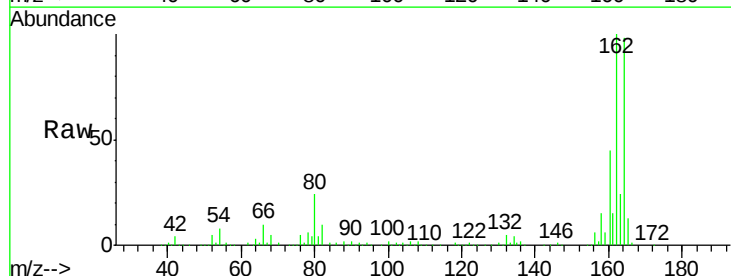
RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF086523.D

Acq: 30 Apr 2016 14:59

Tgt Ion:165	Resp:	35533
Ion Ratio	Lower	Upper
165	100	
63	1.5	44.3 66.5#
89	1.7	70.0 105.0#
182	0.0	1.8 2.6#

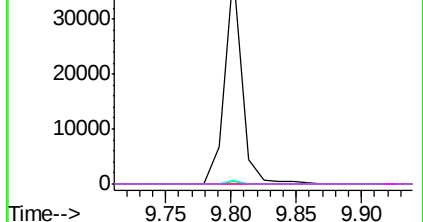


Abundance Ion 165.00 (164.70 to 165.70): E

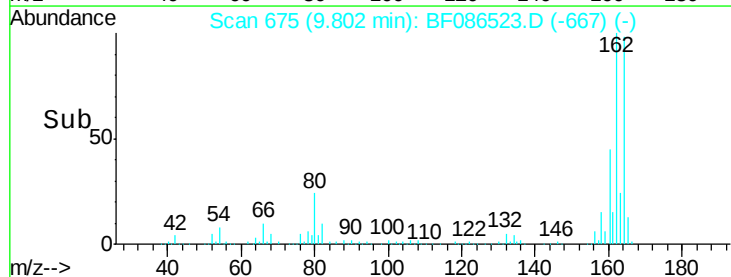
Ion 63.00 (62.70 to 63.70): BF0

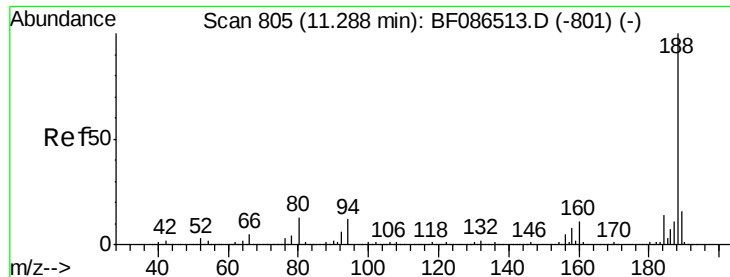
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->

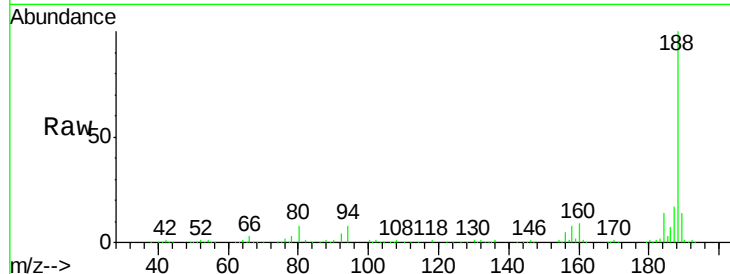




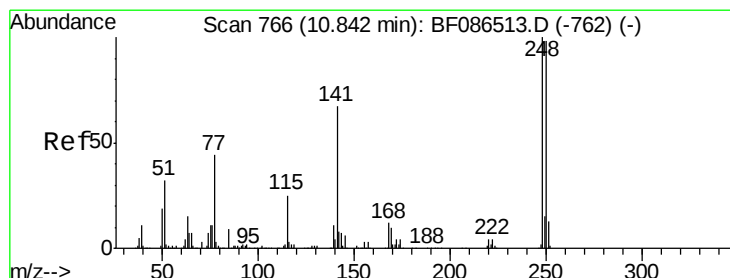
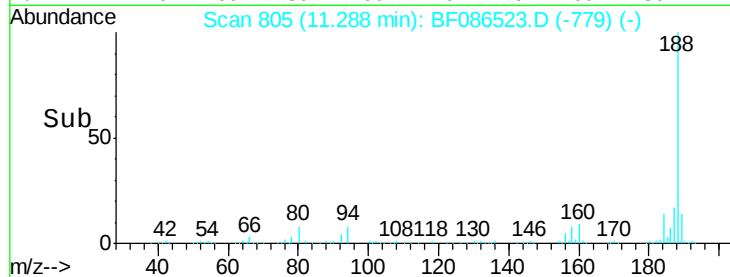
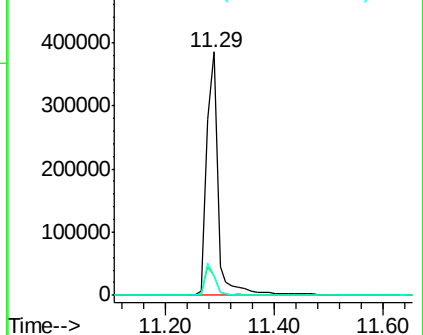
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF086523.D
Acq: 30 Apr 2016 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 561009
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 7.9 7.1 10.7

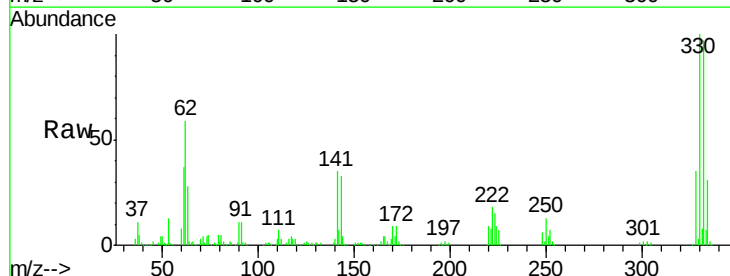


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

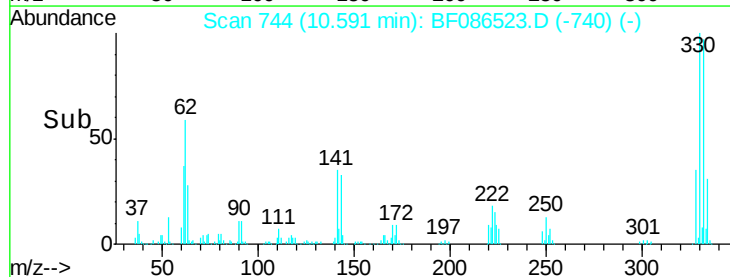
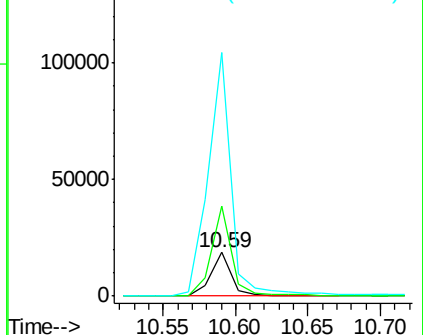


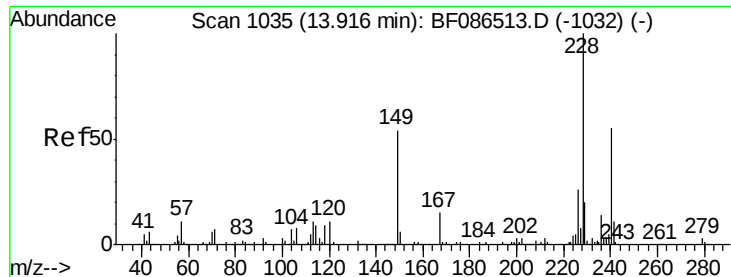
#66
4-Bromophenyl-phenylether
Concen: 3.26 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF086523.D
Acq: 30 Apr 2016 14:59

Tgt Ion:248 Resp: 18853
Ion Ratio Lower Upper
248 100
250 206.4 78.6 117.8#
141 557.9 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: BF086523.D

Acq: 30 Apr 2016 14:59

Instrument :

BNA_F

ClientSampleId :

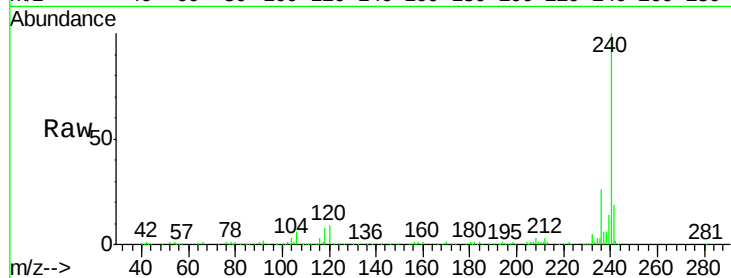
Tot Ion:240 Resp: 486297

Ion Ratio Lower Upper

240 100

120 9.4 11.2 16.8#

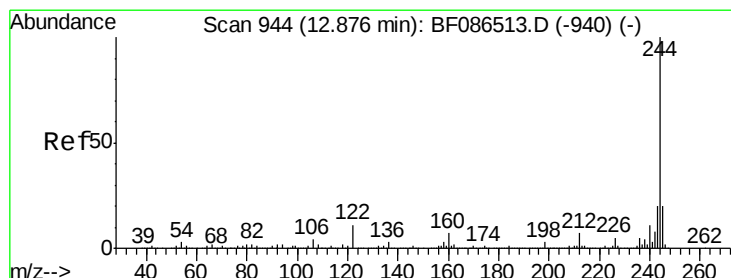
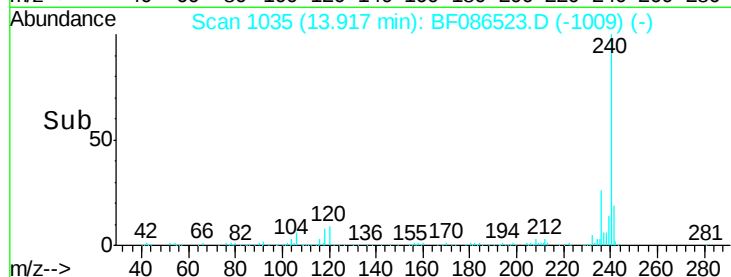
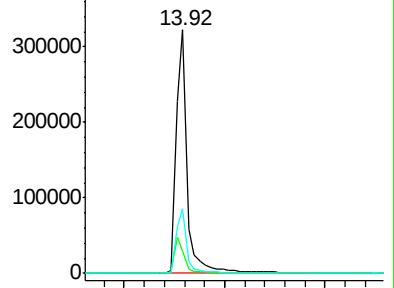
236 26.3 21.2 31.8



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: 61.76 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086523.D

Acq: 30 Apr 2016 14:59

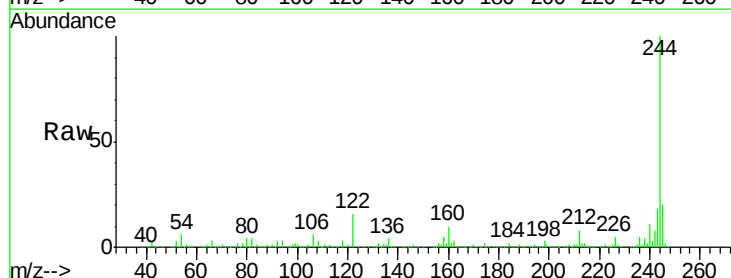
Tgt Ion:244 Resp: 1363130

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

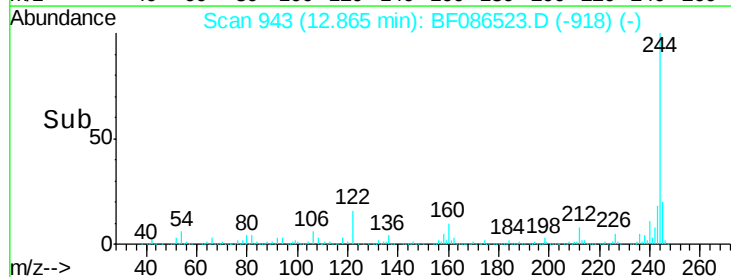
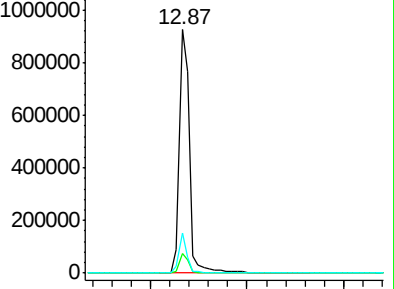
122 16.3 12.0 18.0

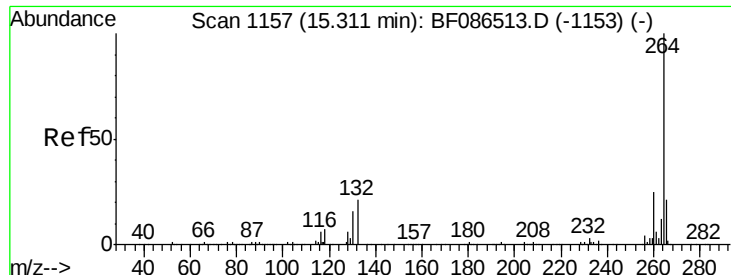


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086523.D
Acq: 30 Apr 2016 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.5	17.3	25.9

