

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
 Data File : BF084671.D
 Acq On : 30 Jan 2016 8:23
 Operator : SJ/IZ
 Sample : H1272-10
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B011(25-27)

Quant Time: Feb 01 00:21:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

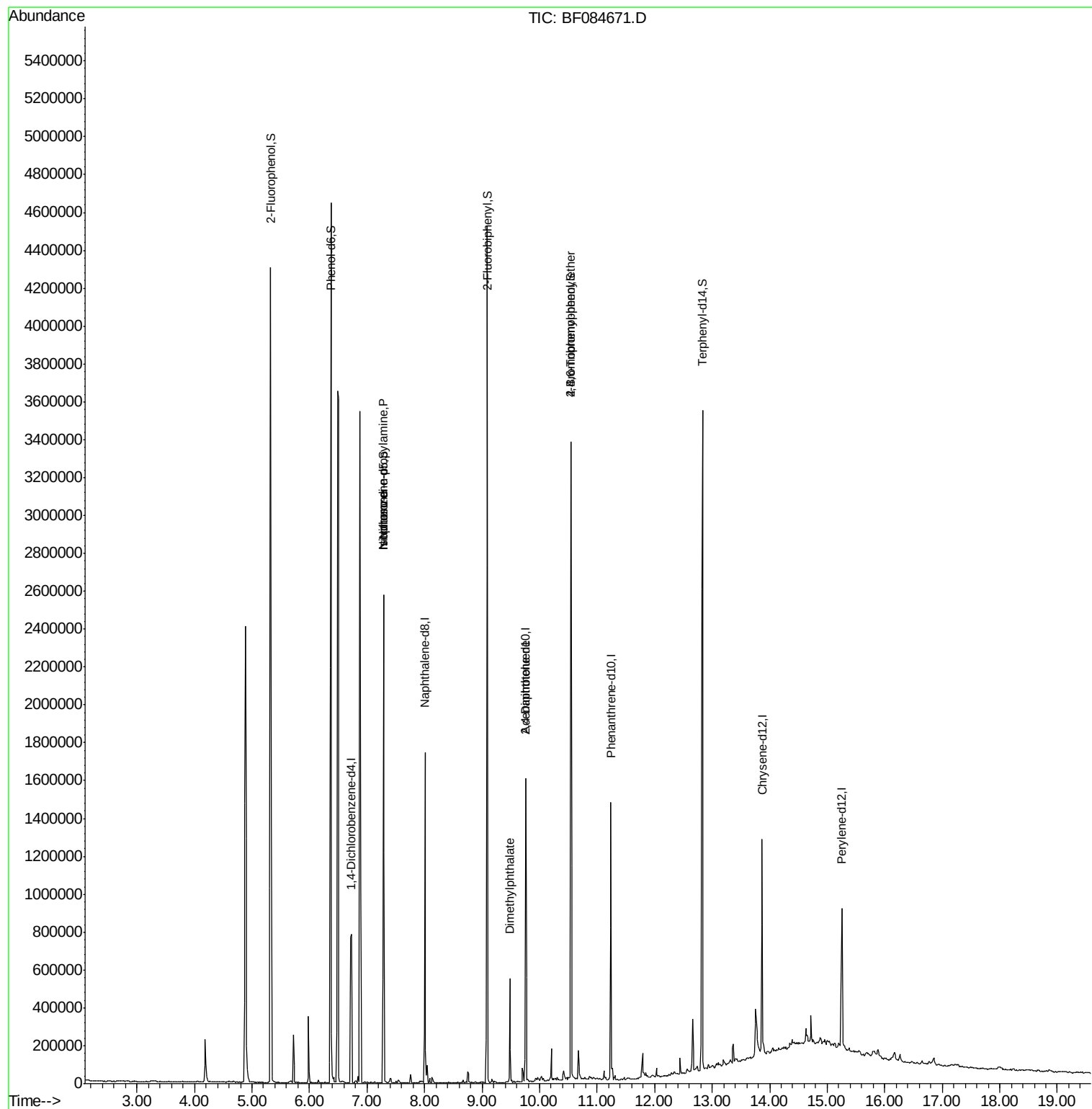
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	173927	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	741893	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	322287	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	639826	20.00	ng	0.00
75) Chrysene-d12	13.87	240	470367	20.00	ng	0.00
86) Perylene-d12	15.25	264	336820	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1317579	114.35	ng	0.01
7) Phenol-d6	6.37	99	1669023	120.86	ng	0.00
23) Nitrobenzene-d5	7.29	82	1000678	75.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	456816	135.24	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1749715	80.70	ng	0.00
78) Terphenyl-d14	12.83	244	1436233	68.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	135840	16.10	ng	# 70
25) Isophorone	7.29	82	872664	35.09	ng	# 66
49) Dimethylphthalate	9.48	163	220062	9.10	ng	# 90
56) 2,4-Dinitrotoluene	9.76	165	42086	6.09	ng	# 22
66) 4-Bromophenyl-phenylether	10.54	248	26329	3.65	ng	# 1

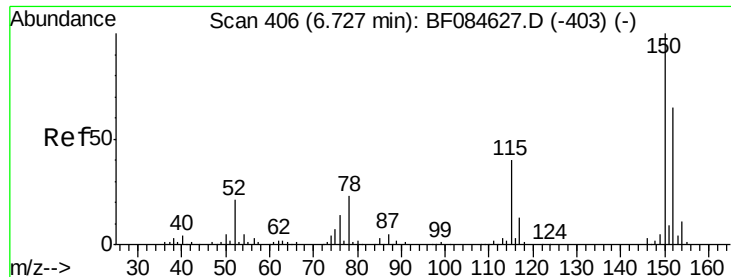
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084671.D
Acq On : 30 Jan 2016 8:23
Operator : SJ/IZ
Sample : H1272-10
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B011(25-27)

Quant Time: Feb 01 00:21:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084671.D

Acq: 30 Jan 2016 8:23

Instrument :

BNA_F

ClientSampleId :

SUP-B011(25-27)

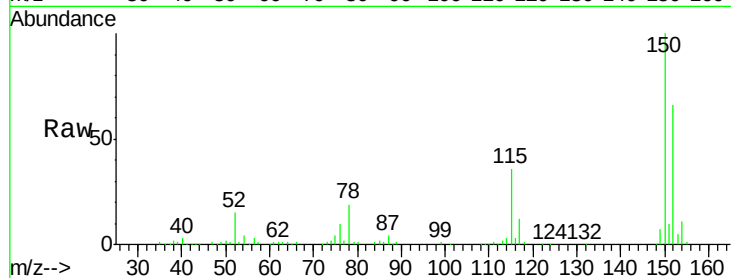
Tgt Ion:152 Resp: 173927

Ion Ratio Lower Upper

152 100

150 151.9 123.0 184.4

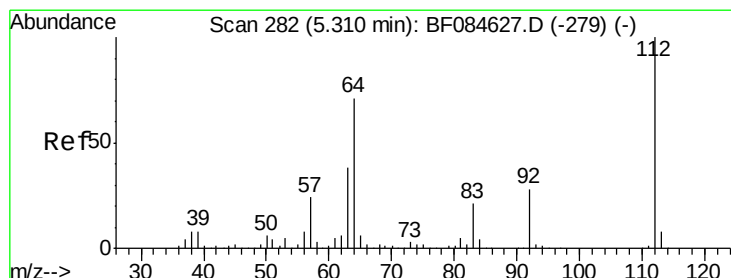
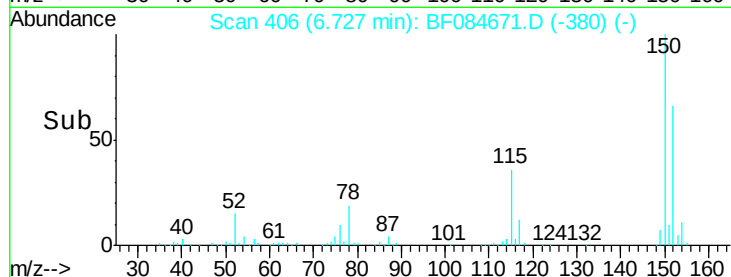
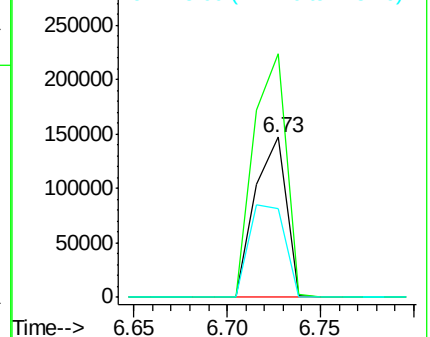
115 55.0 51.4 77.2



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: 114.35 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084671.D

Acq: 30 Jan 2016 8:23

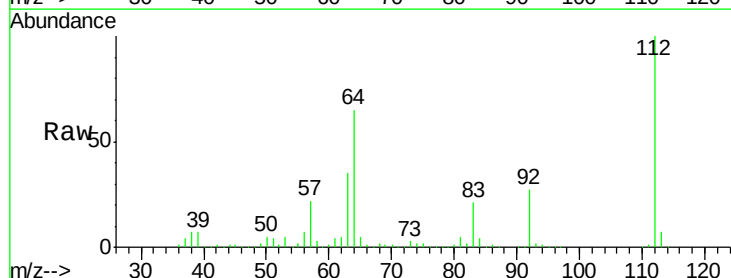
Tgt Ion:112 Resp: 1317579

Ion Ratio Lower Upper

112 100

64 65.4 36.6 55.0#

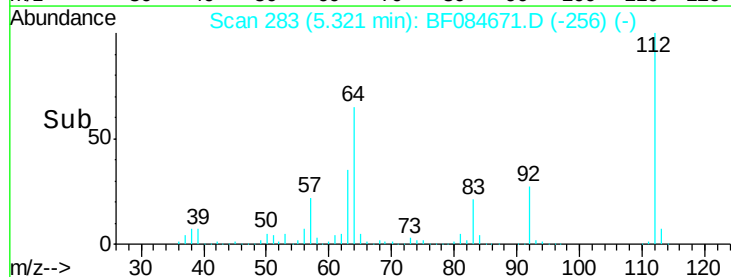
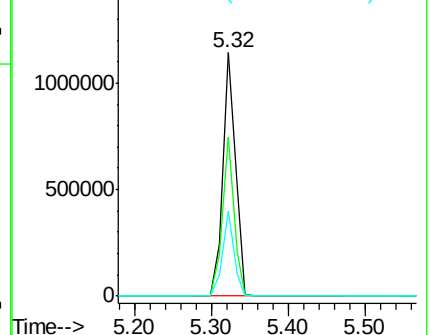
63 35.0 19.4 29.0#

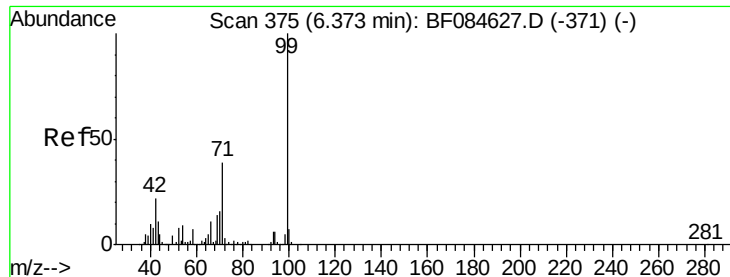


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.86 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084671.D

Acq: 30 Jan 2016 8:23

Instrument :

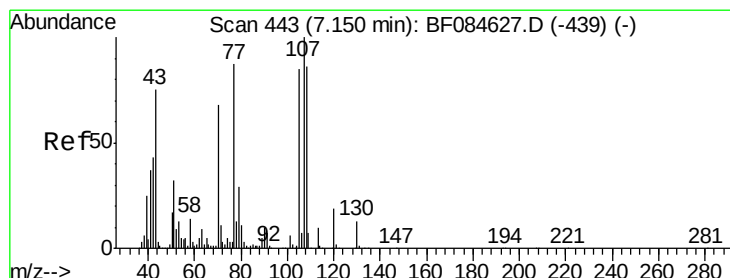
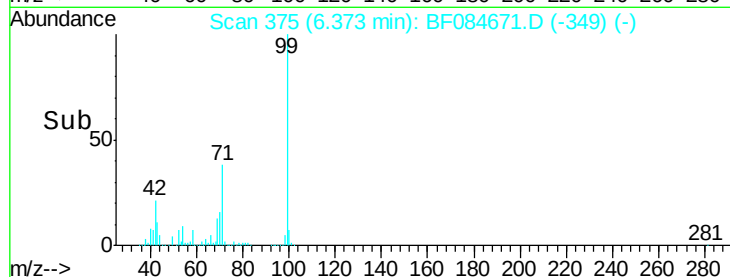
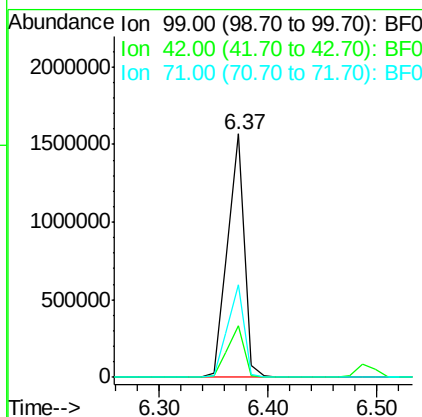
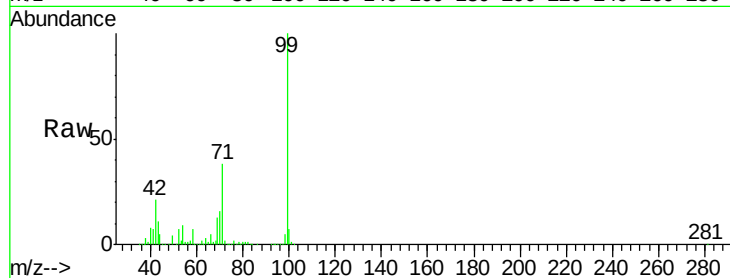
BNA_F

ClientSampleId :

SUP-B011(25-27)

Tgt Ion: 99 Resp: 1669023

Ion	Ratio	Lower	Upper
99	100		
42	21.0	12.8	19.2#
71	38.2	30.9	46.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.10 ng

RT: 7.29 min Scan# 455

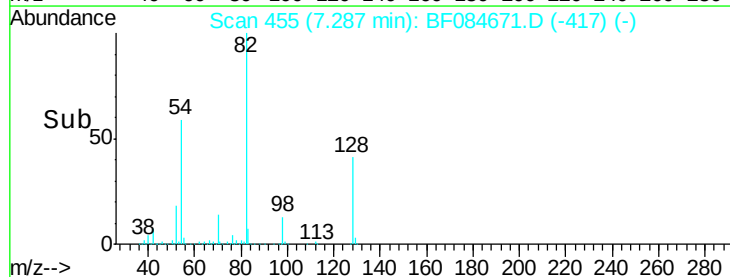
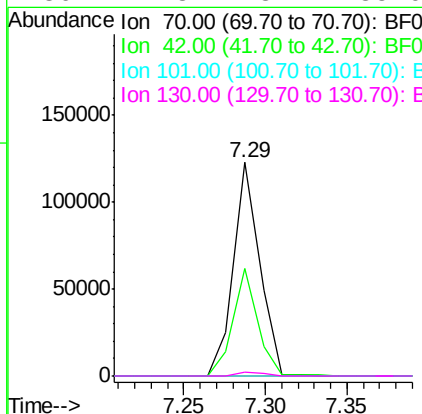
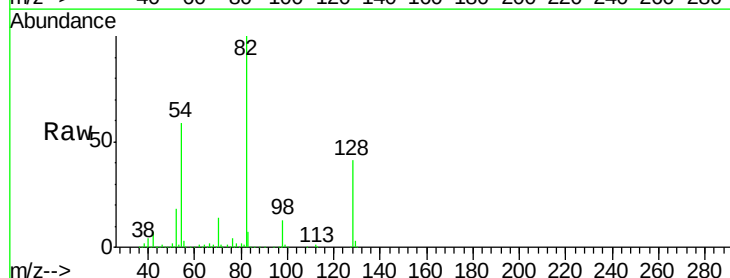
Delta R.T. 0.14 min

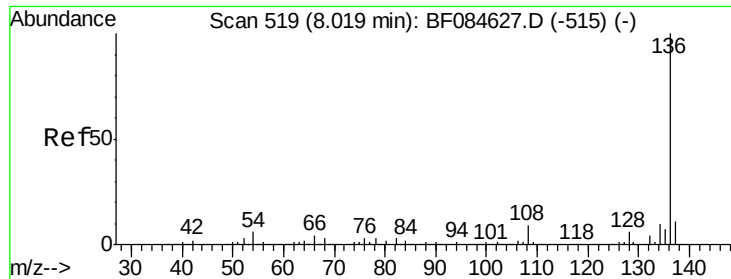
Lab File: BF084671.D

Acq: 30 Jan 2016 8:23

Tgt Ion: 70 Resp: 135840

Ion	Ratio	Lower	Upper
70	100		
42	50.5	33.3	49.9#
101	0.0	9.3	13.9#
130	1.8	23.4	35.0#

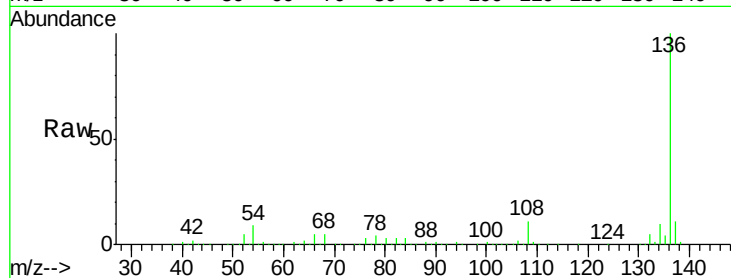




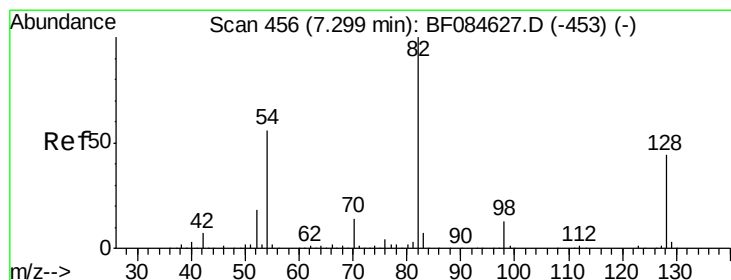
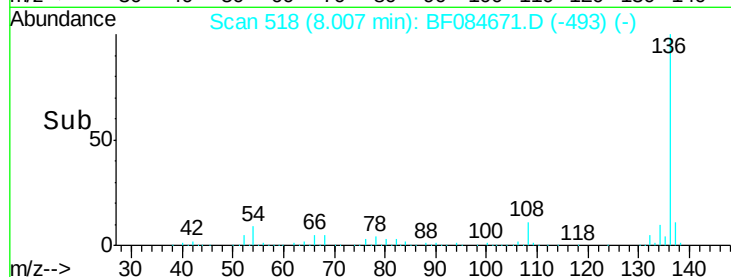
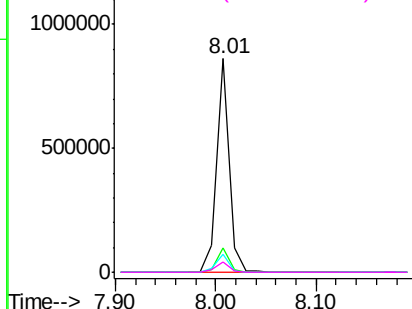
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084671.D
Acq: 30 Jan 2016 8:23

Instrument :
BNA_F
ClientSampleId :
SUP-B011(25-27)

Tgt Ion:	136	Resp:	741893
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	8.6	5.8	8.8
68	4.7	4.2	6.2

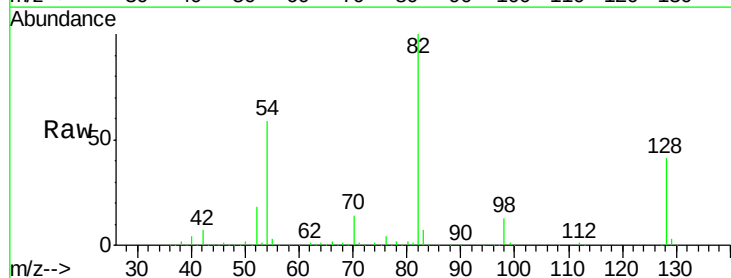


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

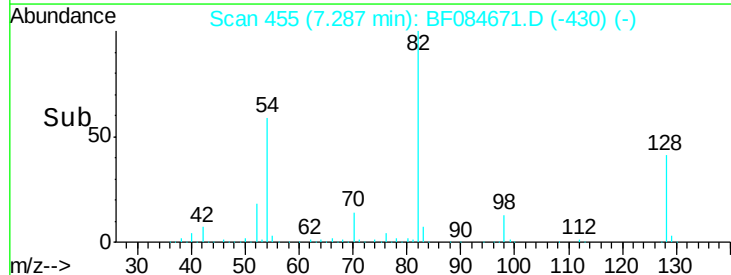
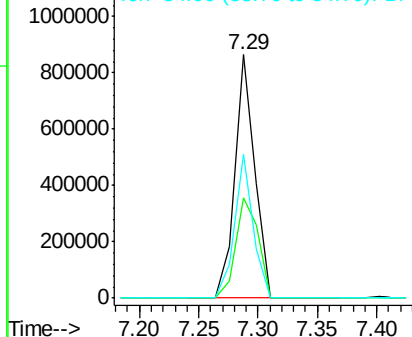


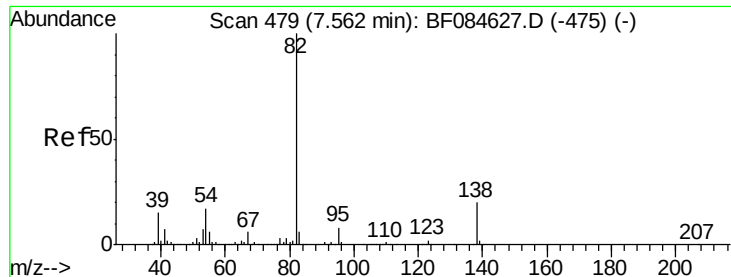
#23
Nitrobenzene-d5
Concen: 75.38 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084671.D
Acq: 30 Jan 2016 8:23

Tgt Ion:	82	Resp:	1000678
Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	51.8
54	58.9	38.4	57.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.09 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF084671.D

Acq: 30 Jan 2016 8:23

Instrument :

BNA_F

ClientSampleId :

SUP-B011(25-27)

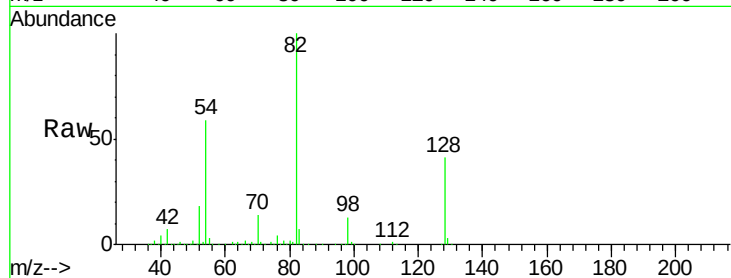
Tgt Ion: 82 Resp: 872664

Ion Ratio Lower Upper

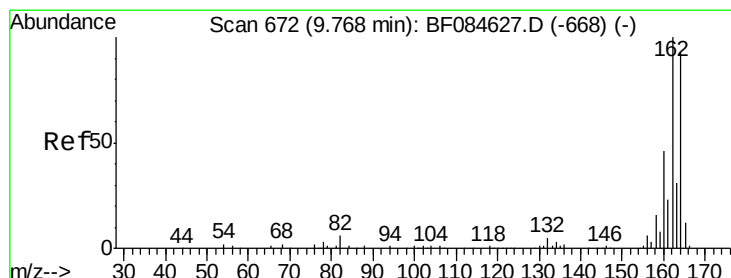
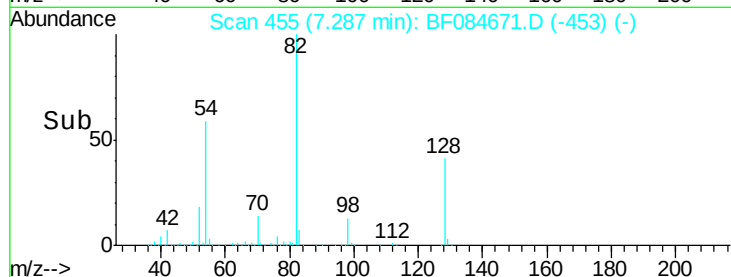
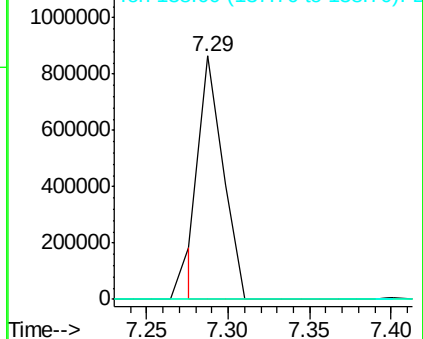
82 100

95 0.0 6.6 10.0#

138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084671.D

Acq: 30 Jan 2016 8:23

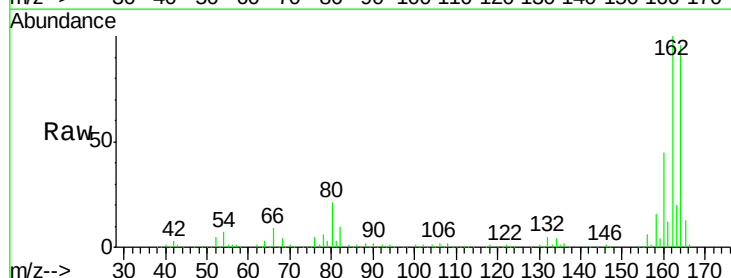
Tgt Ion: 164 Resp: 322287

Ion Ratio Lower Upper

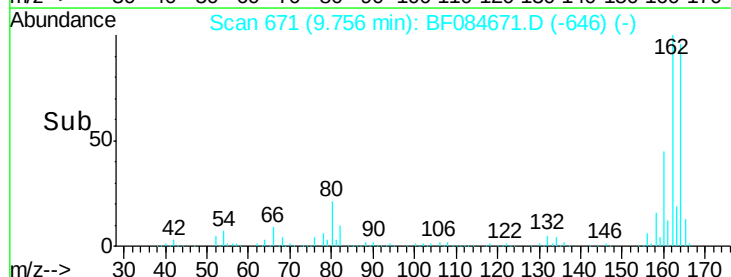
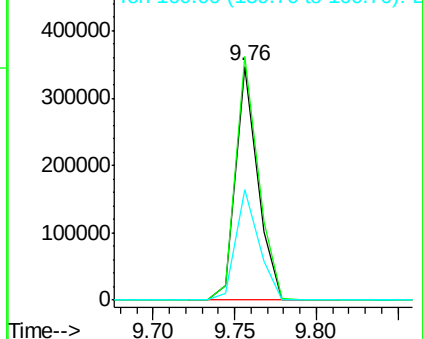
164 100

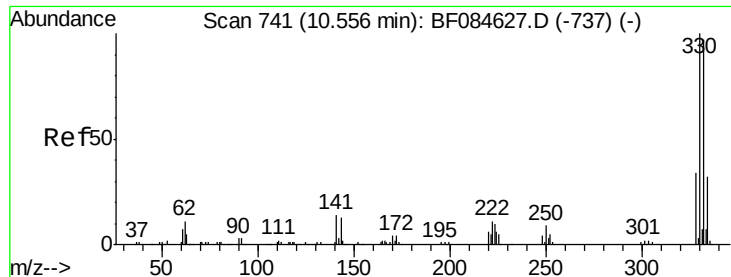
162 104.2 85.1 127.7

160 47.4 37.5 56.3



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

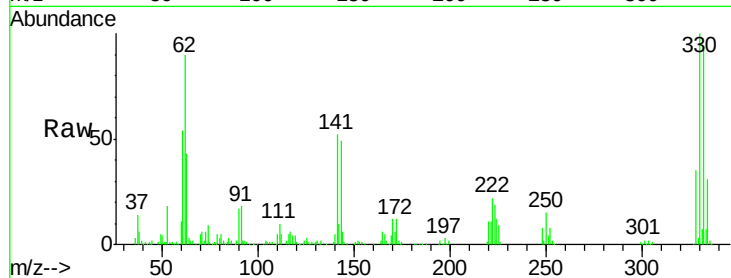




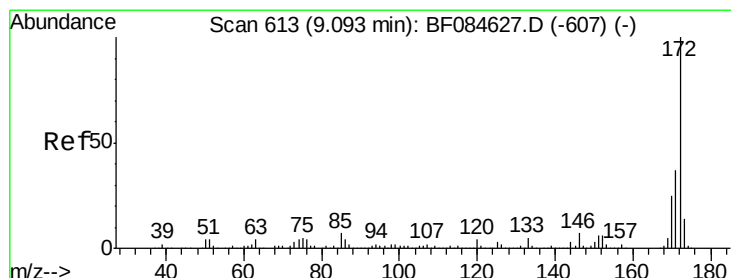
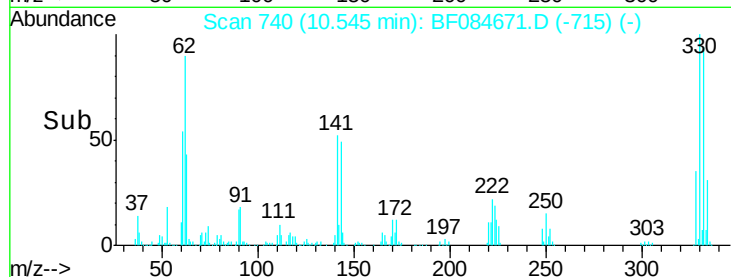
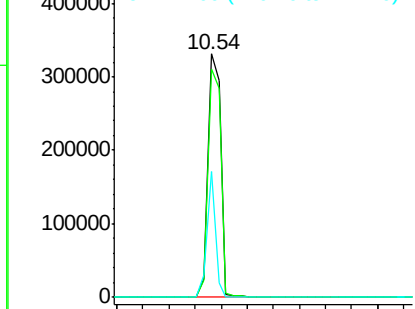
#41
 2,4,6-Tribromophenol
 Concen: 135.24 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084671.D
 Acq: 30 Jan 2016 8:23

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B011(25-27)

Tgt Ion:330 Resp: 456816
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 34.0 27.8 41.6

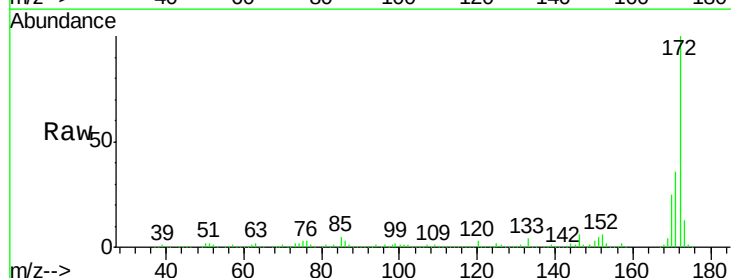


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

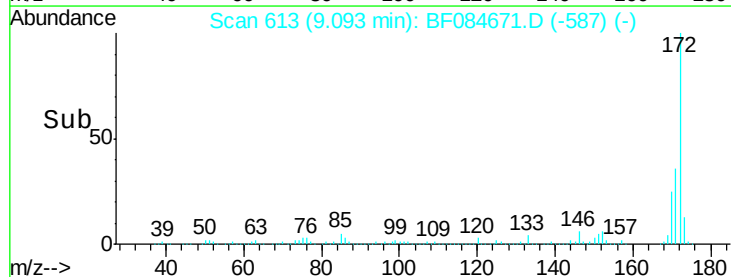
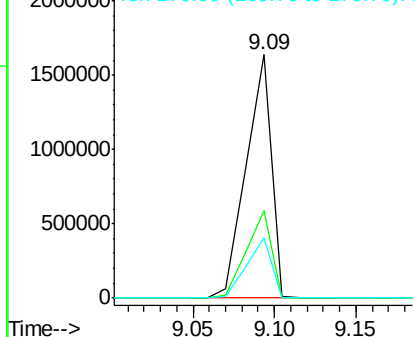


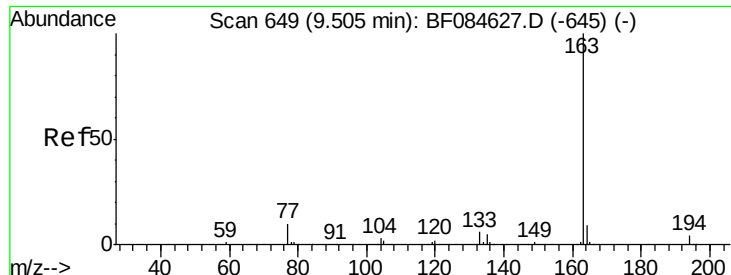
#44
 2-Fluorobiphenyl
 Concen: 80.70 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084671.D
 Acq: 30 Jan 2016 8:23

Tgt Ion:172 Resp: 1749715
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 24.8 18.6 27.8



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





#49

Dimethylphthalate

Concen: 9.10 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF084671.D

Acq: 30 Jan 2016 8:23

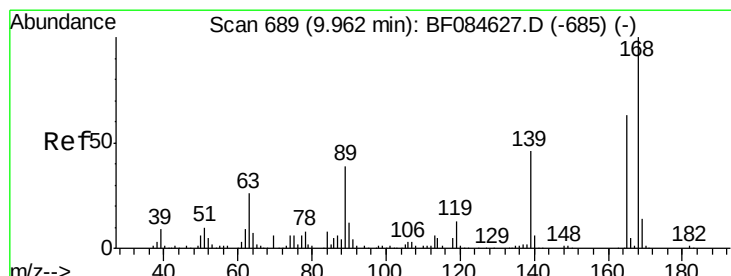
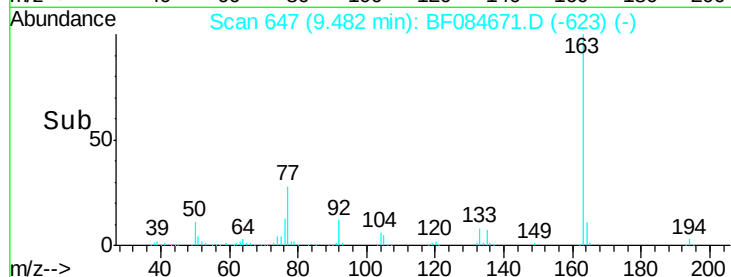
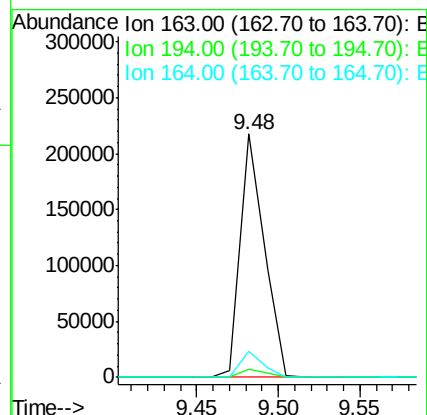
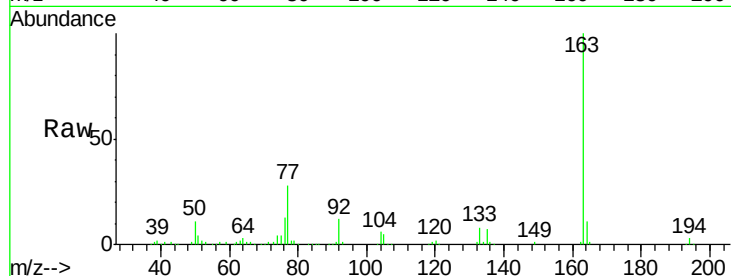
Instrument :

BNA_F

ClientSampleId :

SUP-B011(25-27)

Tgt Ion:	163	Resp:	220062
Ion Ratio	Lower	Upper	
163	100		
194	3.2	8.0	12.0#
164	10.8	8.0	12.0



#56

2,4-Dinitrotoluene

Concen: 6.09 ng

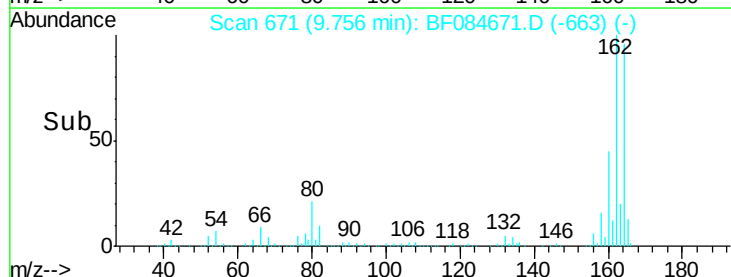
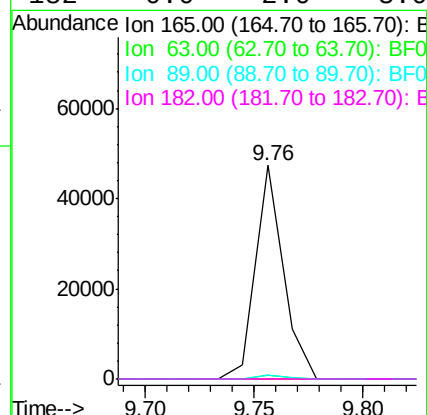
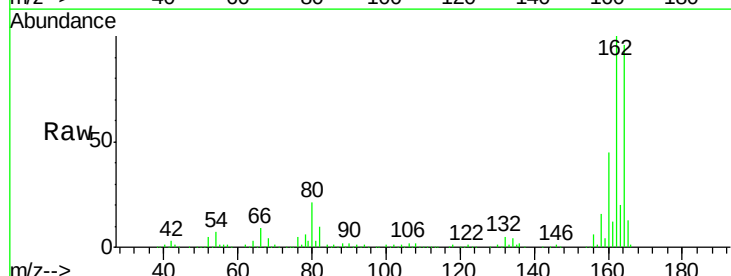
RT: 9.76 min Scan# 671

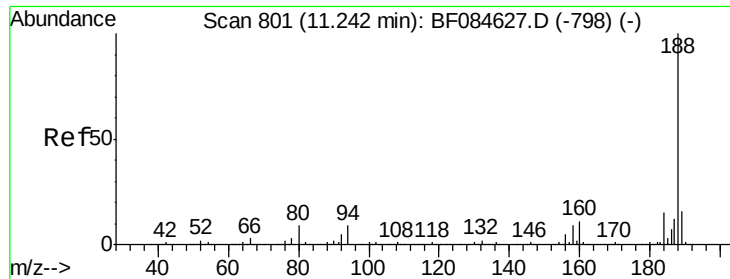
Delta R.T. -0.21 min

Lab File: BF084671.D

Acq: 30 Jan 2016 8:23

Tgt Ion:	165	Resp:	42086
Ion Ratio	Lower	Upper	
165	100		
63	1.8	36.7	55.1#
89	2.0	61.9	92.9#
182	0.0	2.0	3.0#

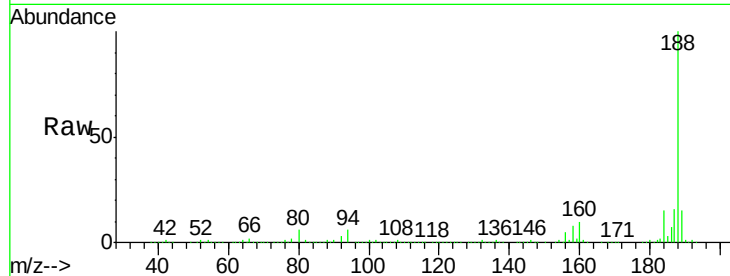




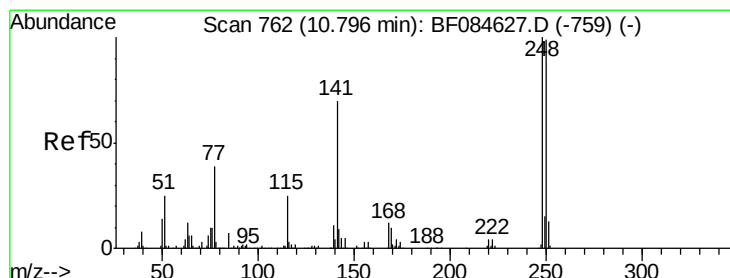
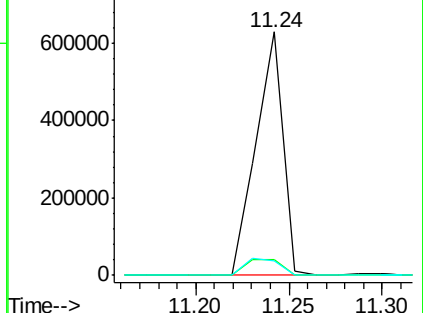
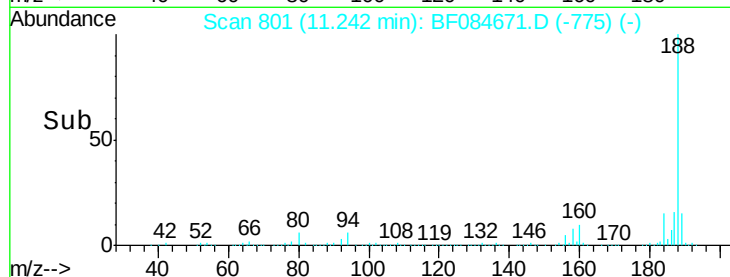
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF084671.D
 Acq: 30 Jan 2016 8:23

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B011(25-27)

Tgt Ion:188 Resp: 639826
 Ion Ratio Lower Upper
 188 100
 94 6.3 9.0 13.4#
 80 6.2 9.6 14.4#

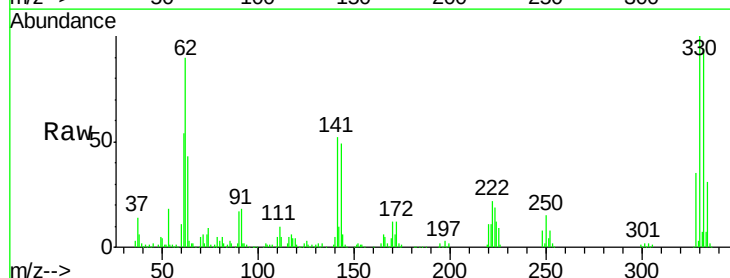


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

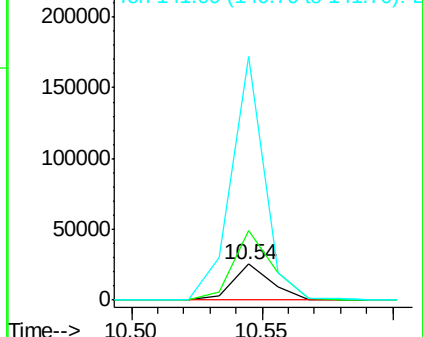
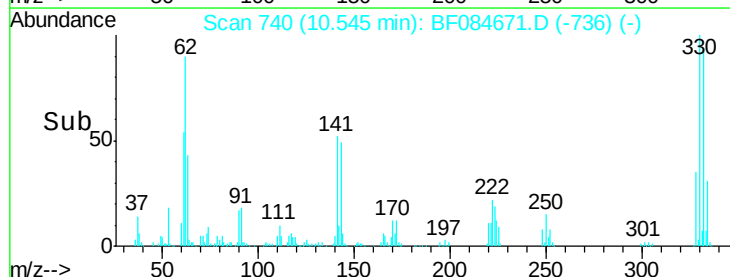


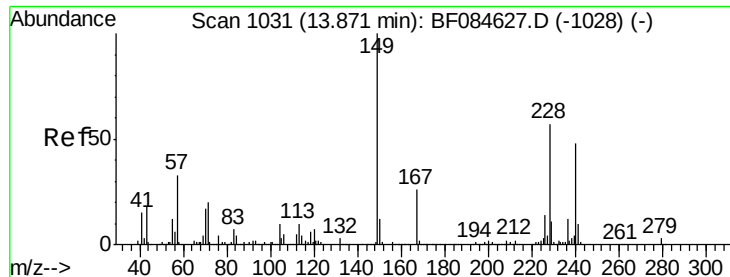
#66
 4-Bromophenyl-phenylether
 Concen: 3.65 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.25 min
 Lab File: BF084671.D
 Acq: 30 Jan 2016 8:23

Tgt Ion:248 Resp: 26329
 Ion Ratio Lower Upper
 248 100
 250 194.6 78.4 117.6#
 141 677.3 44.0 66.0#



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: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084671.D

Acq: 30 Jan 2016 8:23

Instrument :

BNA_F

ClientSampleId :

SUP-B011(25-27)

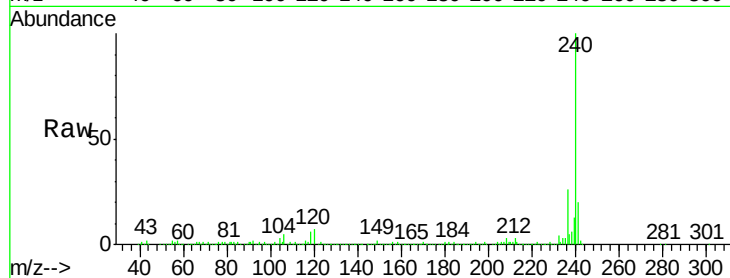
Tgt Ion:240 Resp: 470367

Ion Ratio Lower Upper

240 100

120 7.2 9.5 14.3#

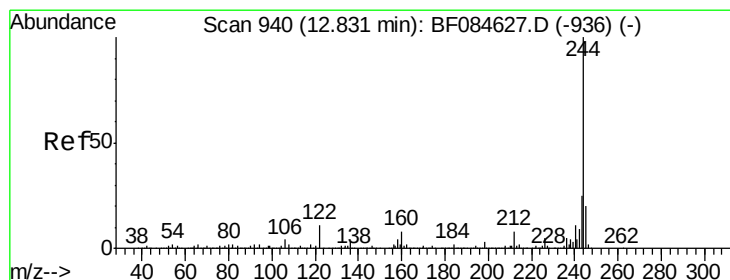
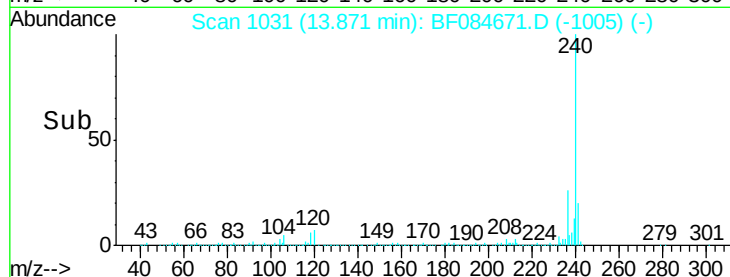
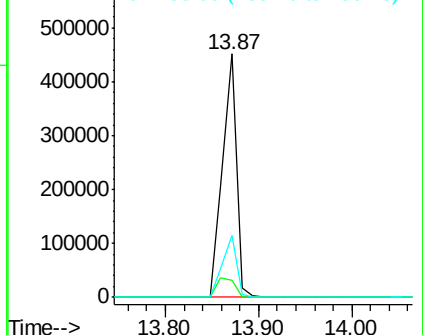
236 25.5 20.6 31.0



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: 68.96 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084671.D

Acq: 30 Jan 2016 8:23

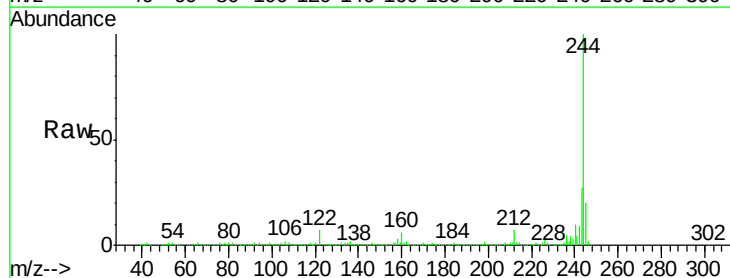
Tgt Ion:244 Resp: 1436233

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

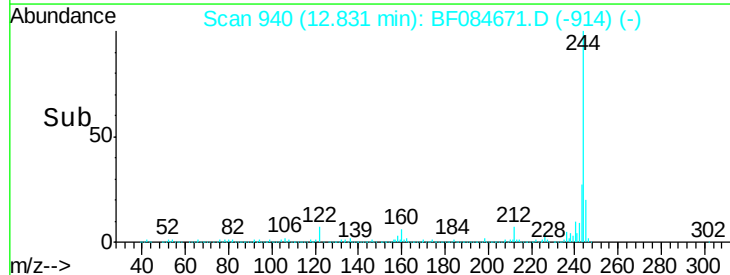
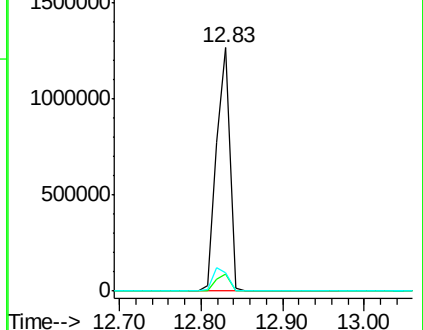
122 7.3 7.4 11.0#

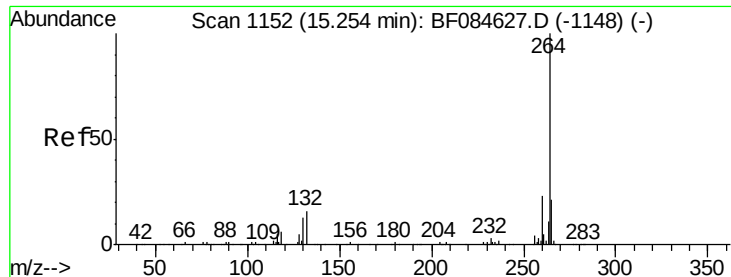


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084671.D
Acq: 30 Jan 2016 8:23

Instrument :
BNA_F
ClientSampleId :
SUP-B011(25-27)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.2
265	21.5	17.8	26.6

