

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088655.D
 Acq On : 3 Jul 2016 18:57
 Operator : UM/SJ
 Sample : H3822-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 05:00:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

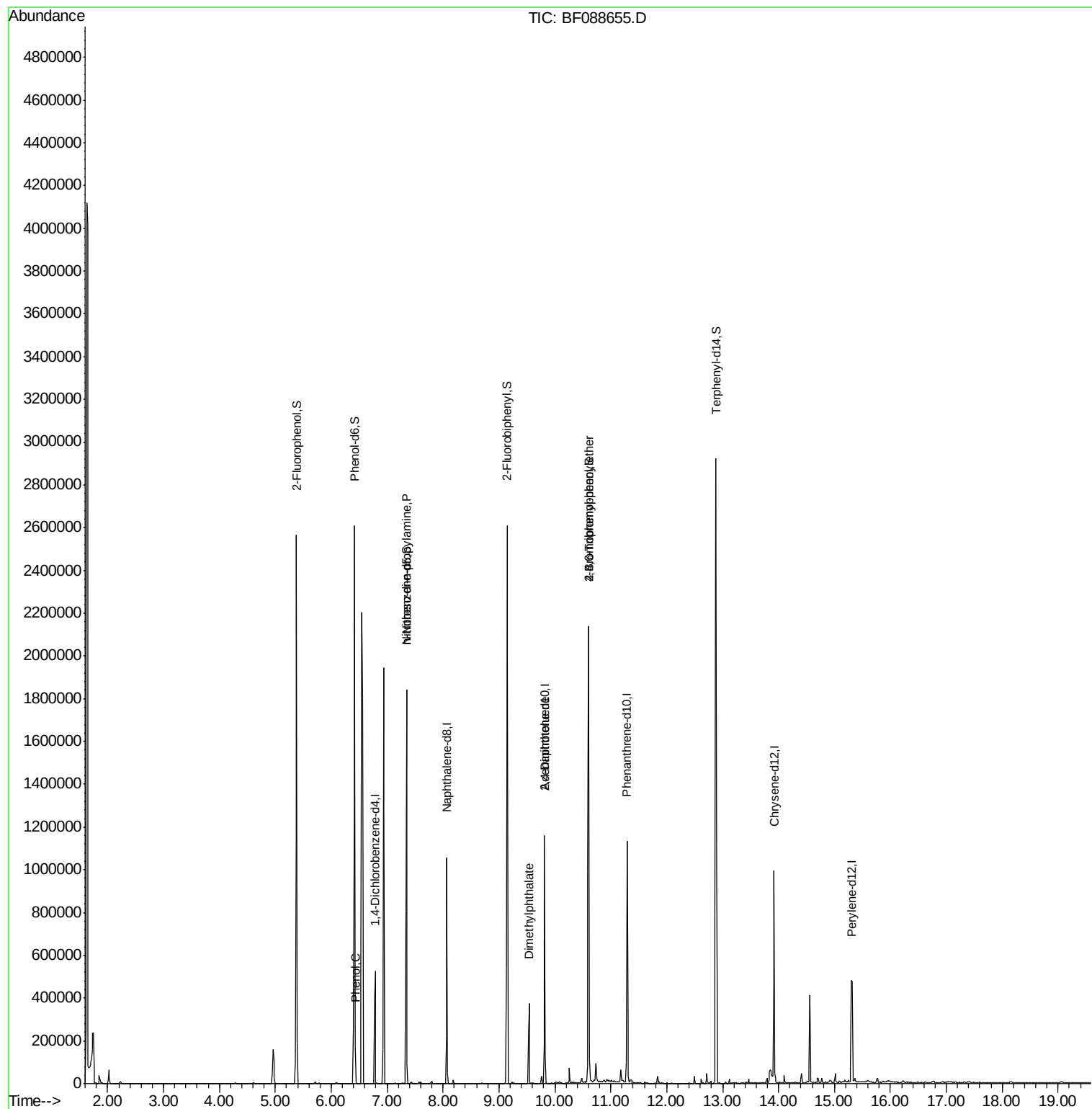
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	105785	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	449330	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	211796	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	389225	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	341866	20.00	ng	-0.03
86) Perylene-d12	15.31	264	268902	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	772239	109.41	ng	-0.02
7) Phenol-d6	6.42	99	1045950	114.68	ng	-0.02
23) Nitrobenzene-d5	7.35	82	686721	80.09	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	257612	130.98	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1208231	90.11	ng	-0.03
78) Terphenyl-d14	12.88	244	1040639	67.80	ng	-0.03
Target Compounds						
10) Phenol	6.43	94	31388	3.02	ng	Qvalue 98
19) n-Nitroso-di-n-propylamine	7.35	70	93956	15.34	ng	# 73
49) Dimethylphthalate	9.54	163	198298	13.14	ng	98
56) 2,4-Dinitrotoluene	9.82	165	26885	6.15	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	18881	4.81	ng	# 1

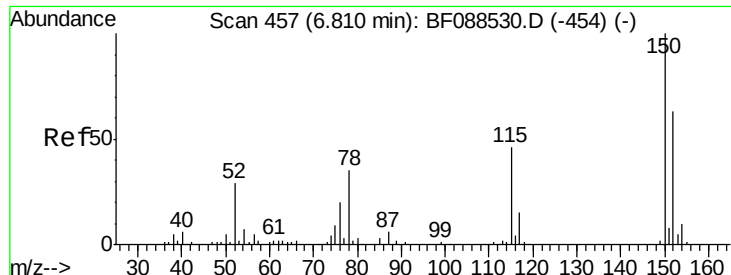
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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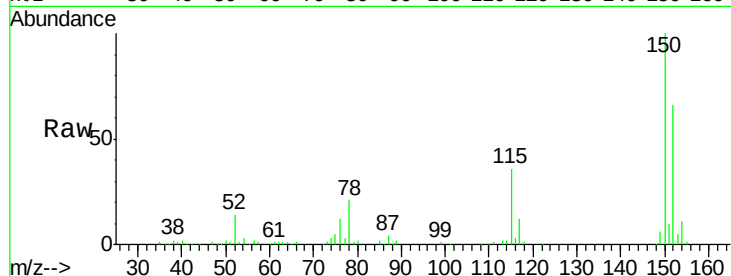


#1

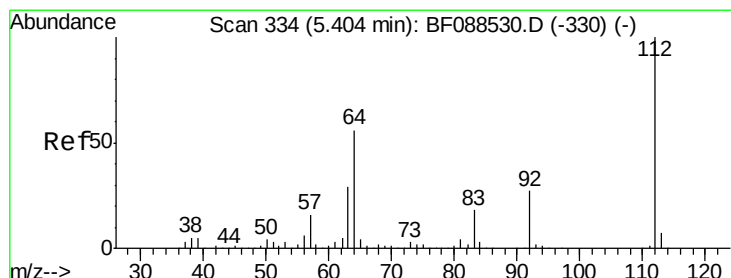
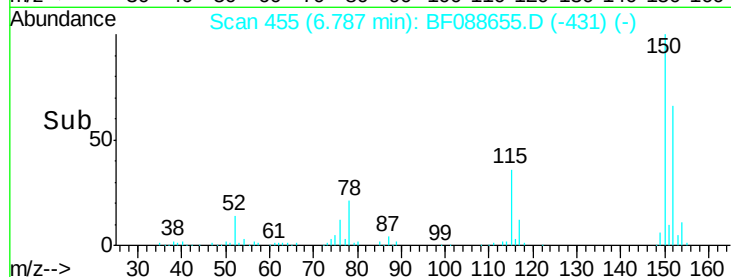
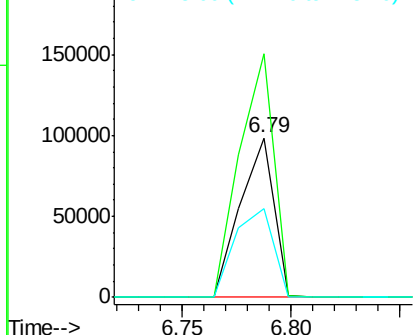
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088655.D
Acq: 3 Jul 2016 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105785
Ion Ratio Lower Upper
152 100
150 152.4 123.8 185.6
115 55.4 39.6 59.4



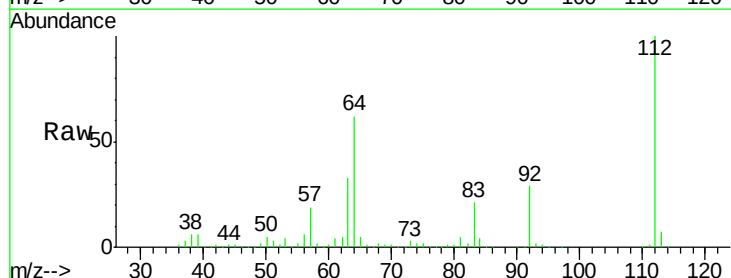
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



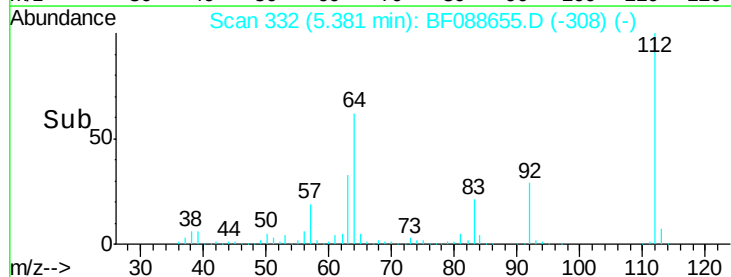
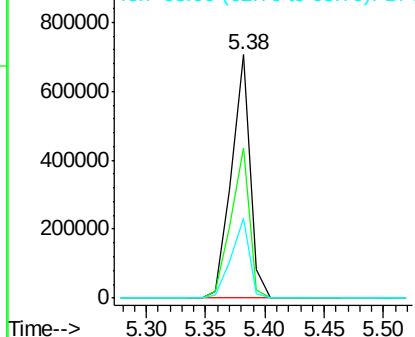
#5

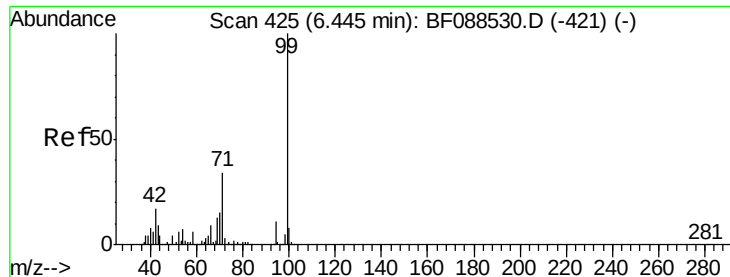
2-Fluorophenol
Concen: 109.41 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088655.D
Acq: 3 Jul 2016 18:57

Tgt Ion:112 Resp: 772239
Ion Ratio Lower Upper
112 100
64 61.9 42.2 63.2
63 32.9 21.8 32.8#



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: 114.68 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088655.D

Acq: 3 Jul 2016 18:57

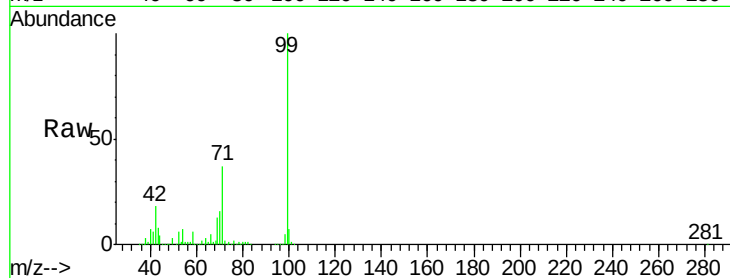
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1045950

Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.2	18.2
71	36.8	23.4	35.0

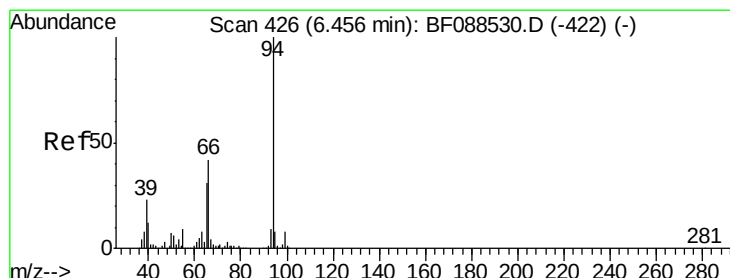
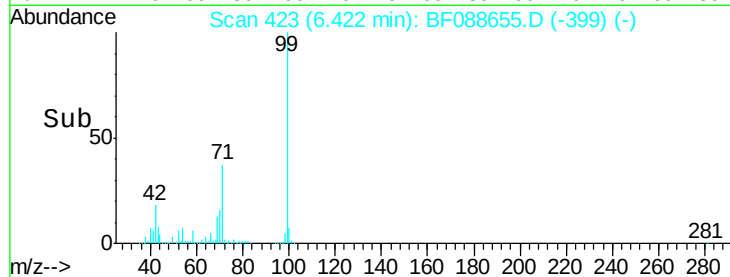
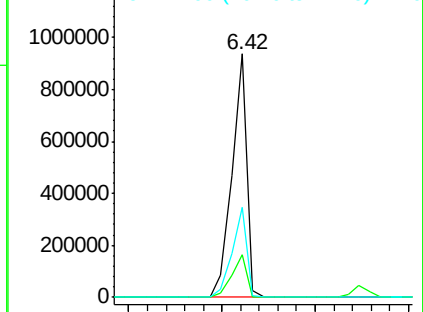


Abundance

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



#10

Phenol

Concen: 3.02 ng

RT: 6.43 min Scan# 424

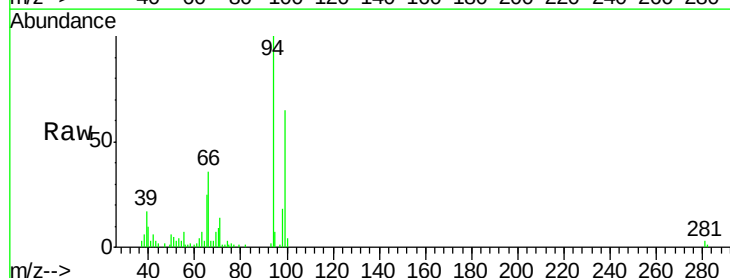
Delta R.T. -0.02 min

Lab File: BF088655.D

Acq: 3 Jul 2016 18:57

Tgt Ion: 94 Resp: 31388

Ion	Ratio	Lower	Upper
94	100		
65	25.5	5.9	45.9
66	35.9	14.0	54.0

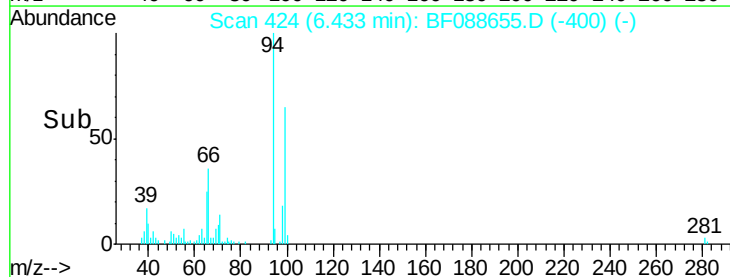
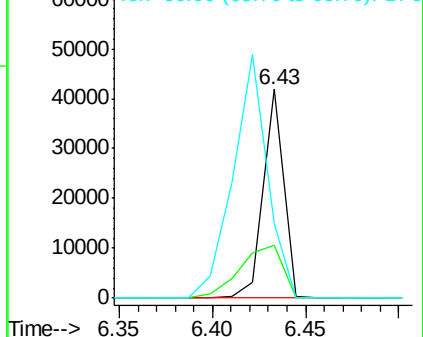


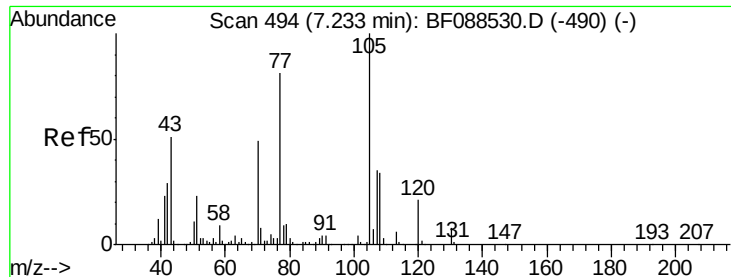
Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

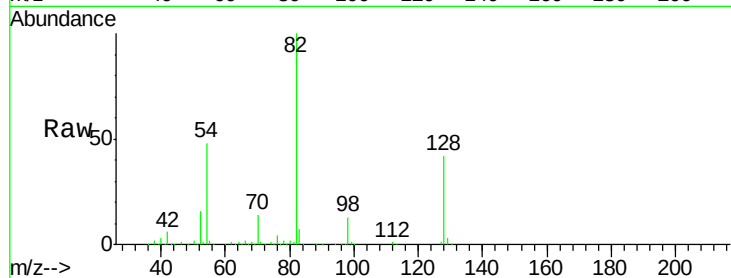




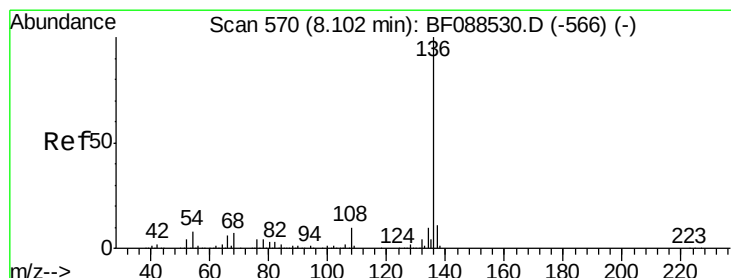
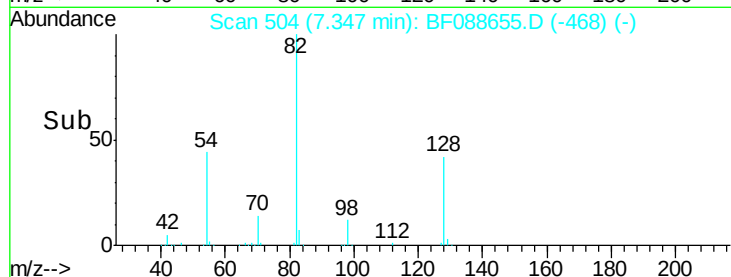
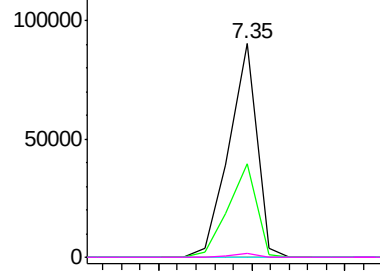
#19
n-Nitroso-di-n-propylamine
Concen: 15.34 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.11 min
Lab File: BF088655.D
Acq: 3 Jul 2016 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 93956
Ion Ratio Lower Upper
70 100
42 44.0 49.6 74.4#
101 0.0 7.1 10.7#
130 1.9 15.4 23.2#



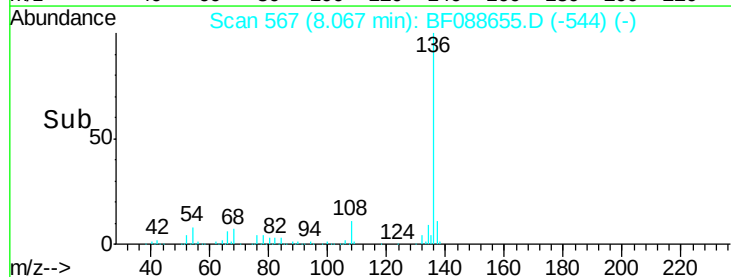
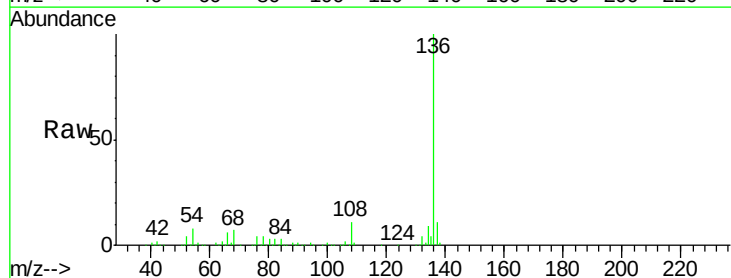
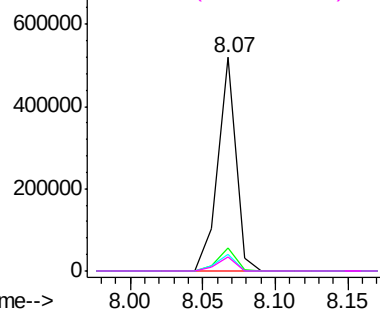
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

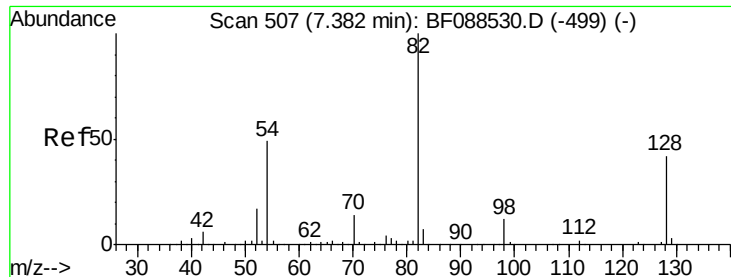


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.03 min
Lab File: BF088655.D
Acq: 3 Jul 2016 18:57

Tgt Ion:136 Resp: 449330
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.8 6.6 10.0
68 6.6 5.1 7.7

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

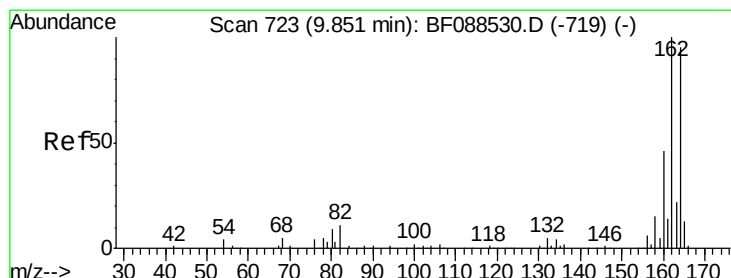
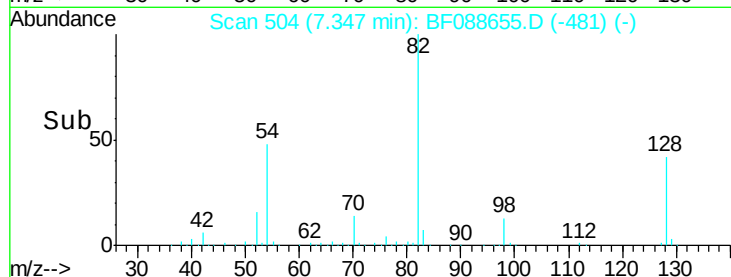
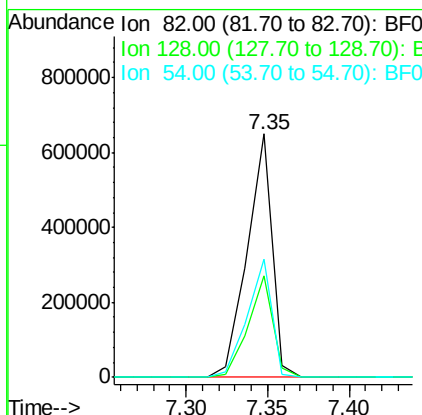
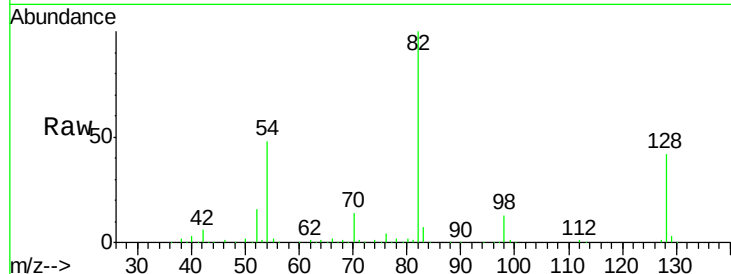




#23
 Nitrobenzene-d5
 Concen: 80.09 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088655.D
 Acq: 3 Jul 2016 18:57

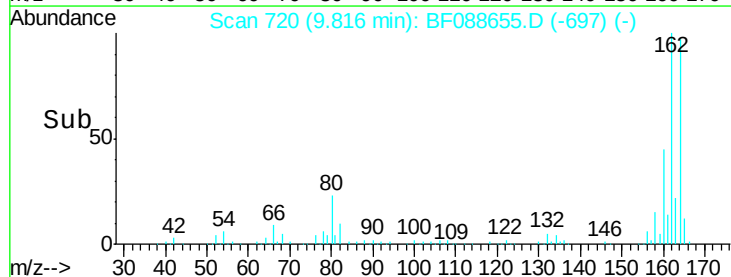
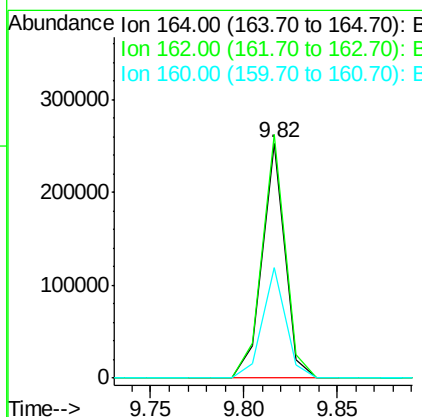
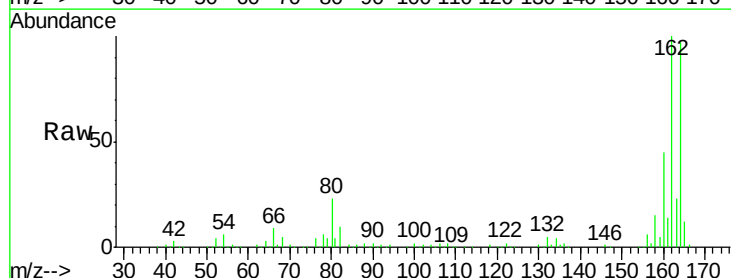
Instrument :
 BNA_F
 ClientSampleId :

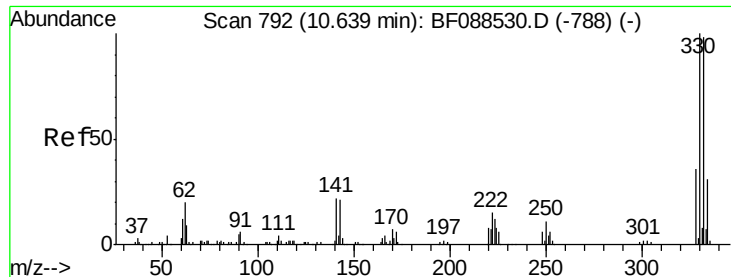
Tot Ion: 82 Resp: 686721
 Ion Ratio Lower Upper
 82 100
 128 41.6 35.9 53.9
 54 48.4 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088655.D
 Acq: 3 Jul 2016 18:57

Tgt Ion: 164 Resp: 211796
 Ion Ratio Lower Upper
 164 100
 162 103.6 85.4 128.2
 160 46.8 39.5 59.3

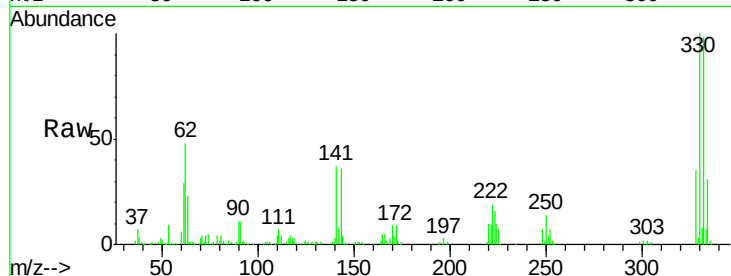




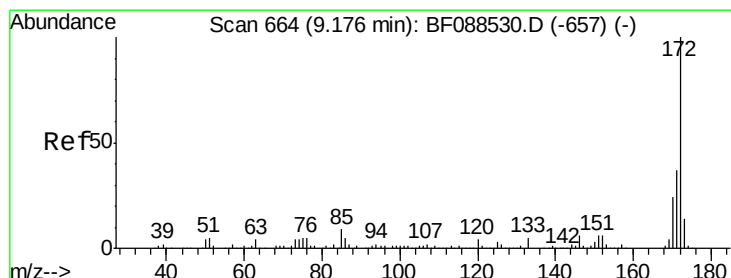
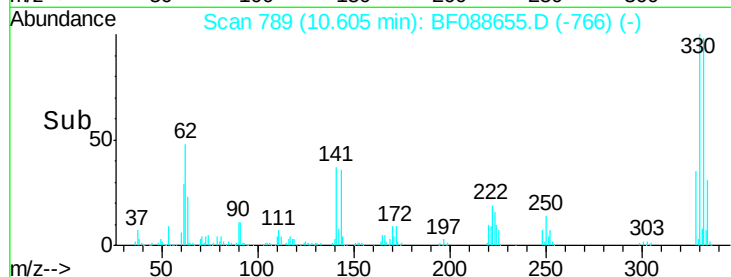
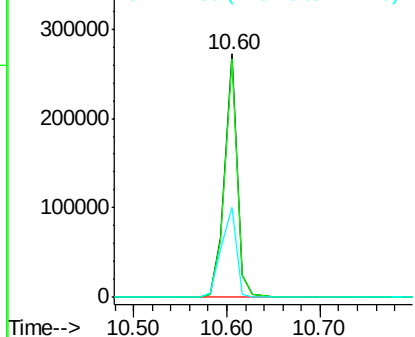
#41
 2,4,6-Tribromophenol
 Concen: 130.98 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088655.D
 Acq: 3 Jul 2016 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	43.5	0.0	0.0#

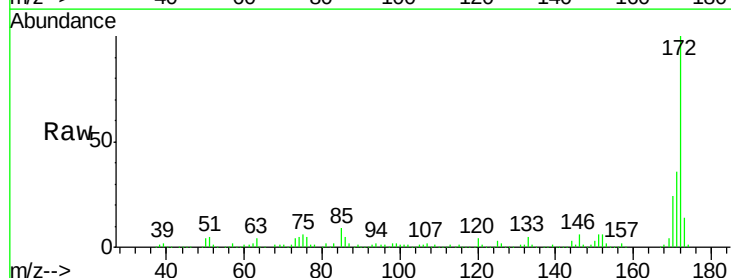


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

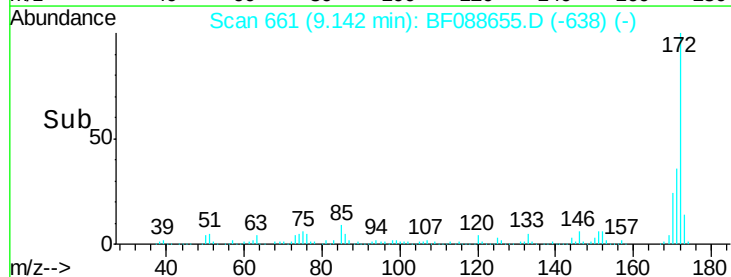
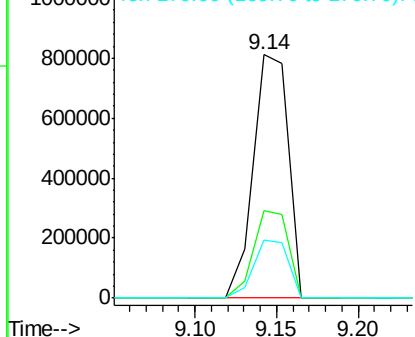


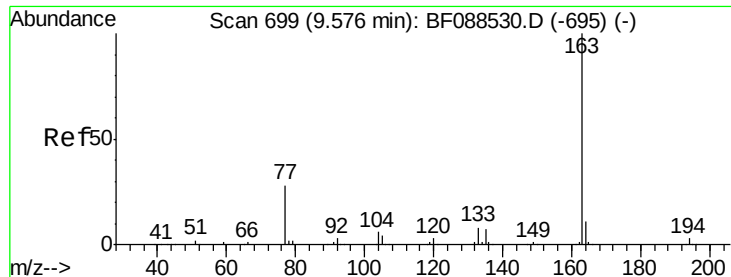
#44
 2-Fluorobiphenyl
 Concen: 90.11 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088655.D
 Acq: 3 Jul 2016 18:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.8	19.2	28.8



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

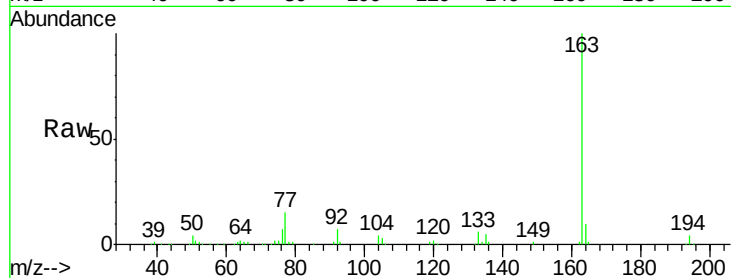




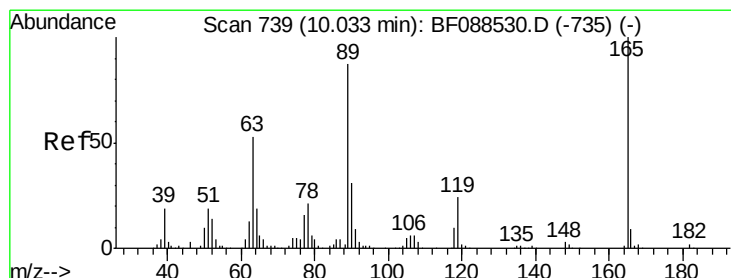
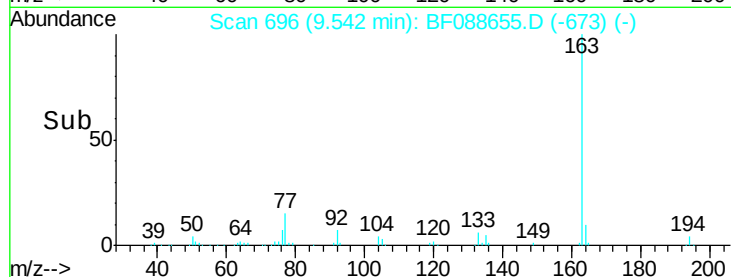
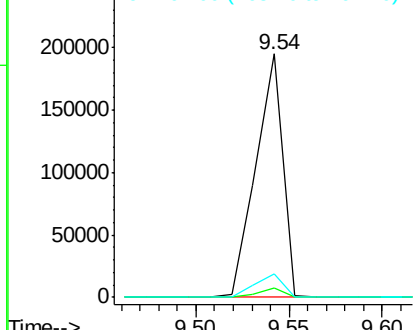
#49
Dimethylphthalate
Concen: 13.14 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088655.D
Acq: 3 Jul 2016 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 198298
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.5 8.3 12.5

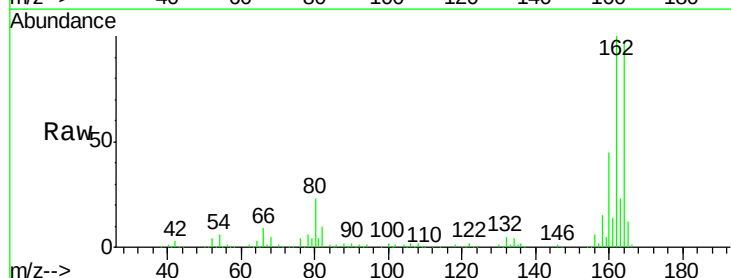


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

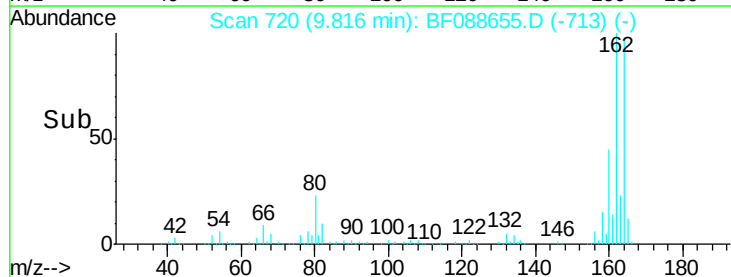
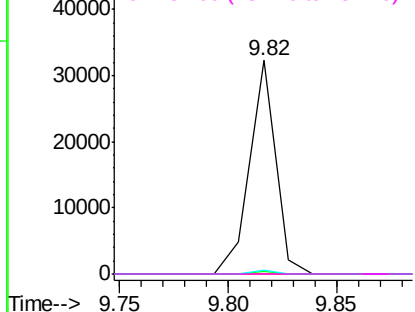


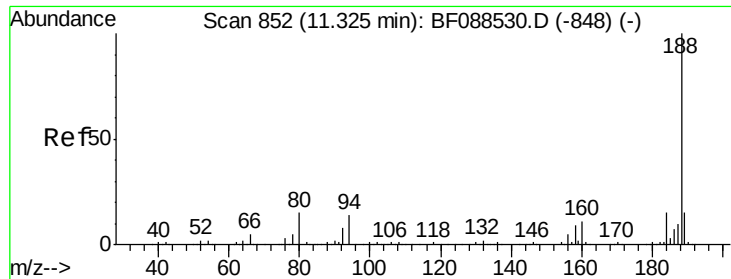
#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.22 min
Lab File: BF088655.D
Acq: 3 Jul 2016 18:57

Tgt Ion:165 Resp: 26885
Ion Ratio Lower Upper
165 100
63 1.5 22.0 33.0#
89 1.7 41.1 61.7#
182 0.0 2.0 3.0#



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

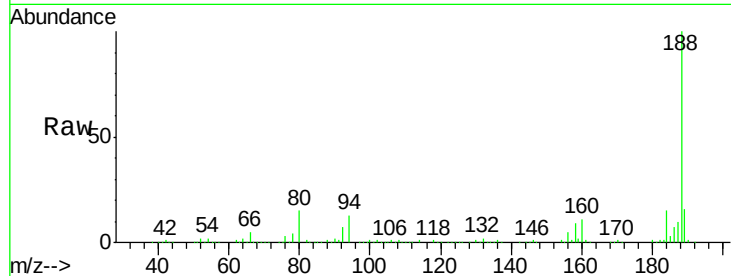




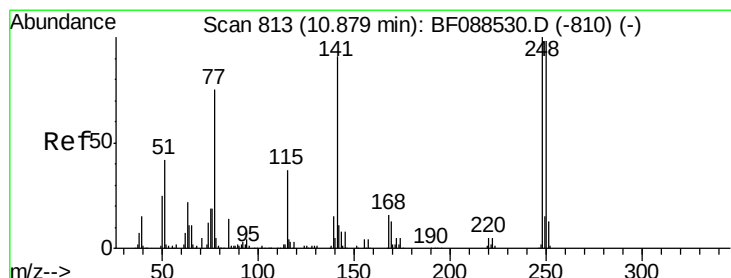
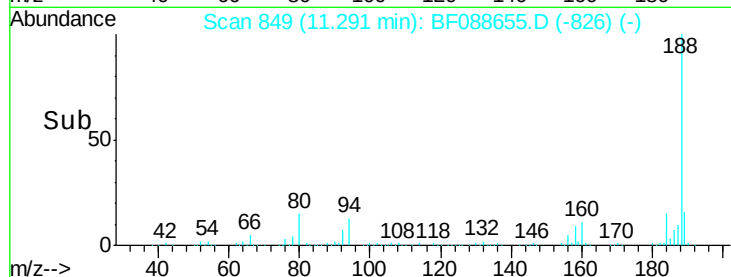
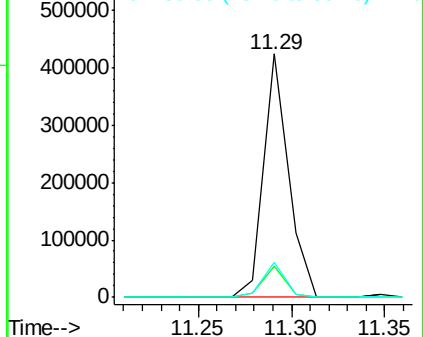
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.03 min
Lab File: BF088655.D
Acq: 3 Jul 2016 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 389225
Ion Ratio Lower Upper
188 100
94 12.6 9.0 13.6
80 14.5 10.0 15.0

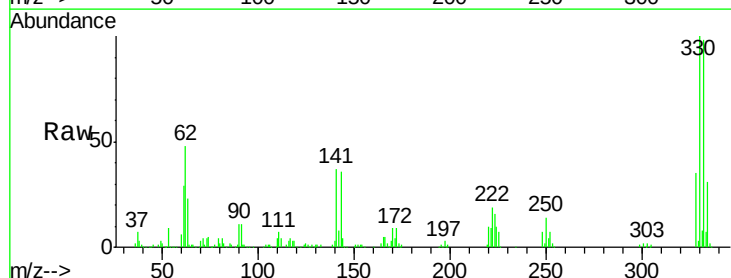


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

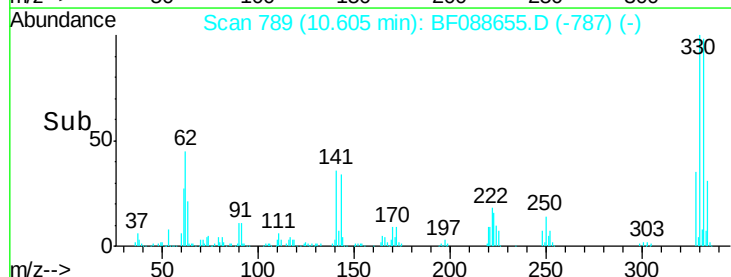
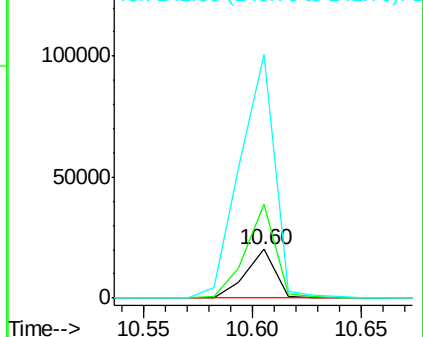


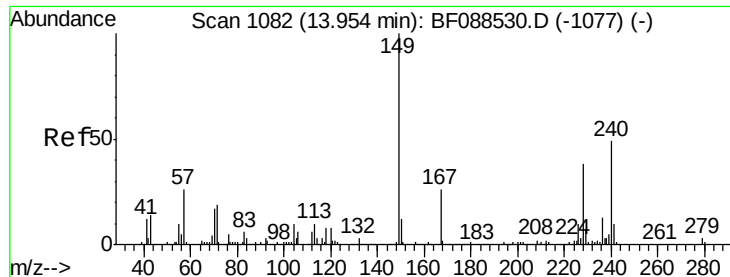
#66
4-Bromophenyl-phenylether
Concen: 4.81 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088655.D
Acq: 3 Jul 2016 18:57

Tgt Ion:248 Resp: 18881
Ion Ratio Lower Upper
248 100
250 193.4 77.1 115.7#
141 501.6 50.6 76.0#



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# 1079

Delta R.T. -0.03 min

Lab File: BF088655.D

Acq: 3 Jul 2016 18:57

Instrument :

BNA_F

ClientSampled :

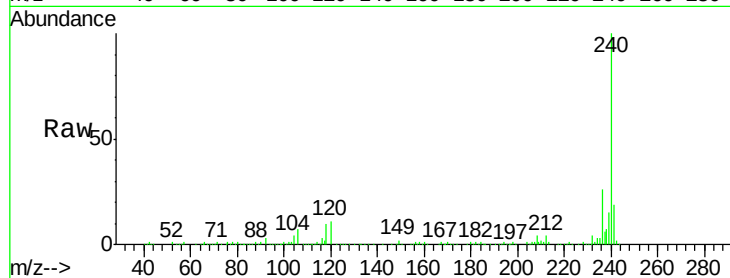
Tot Ion:240 Resp: 341866

Ion Ratio Lower Upper

240 100

120 10.6 6.8 10.2#

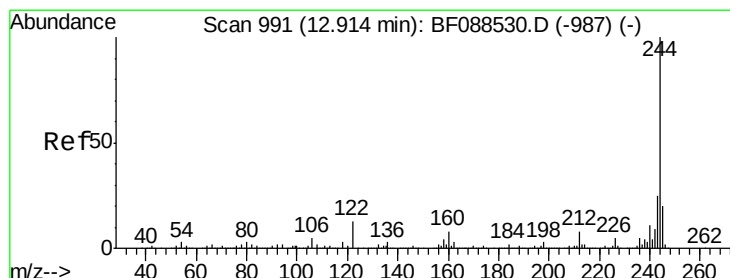
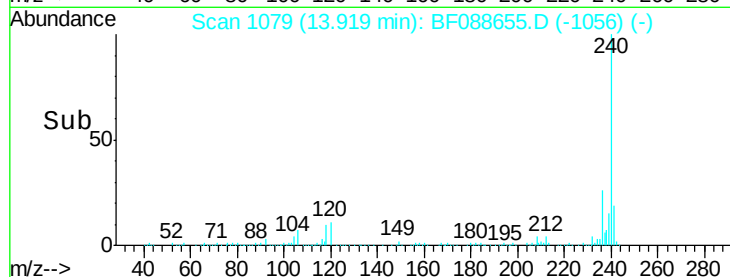
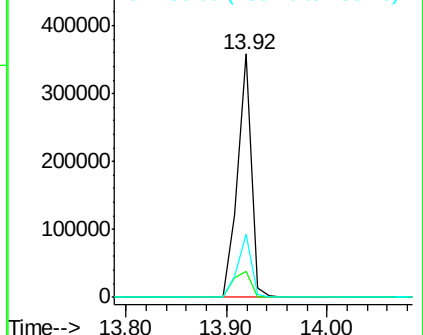
236 26.0 20.2 30.2



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: 67.80 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088655.D

Acq: 3 Jul 2016 18:57

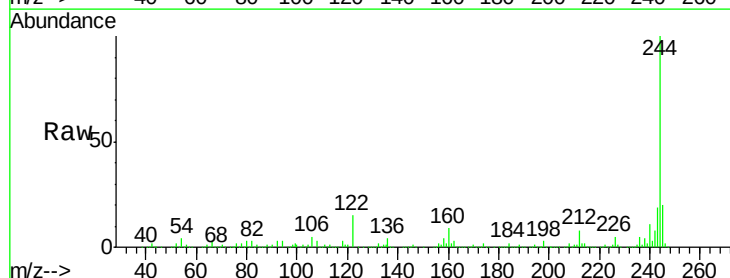
Tgt Ion:244 Resp: 1040639

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

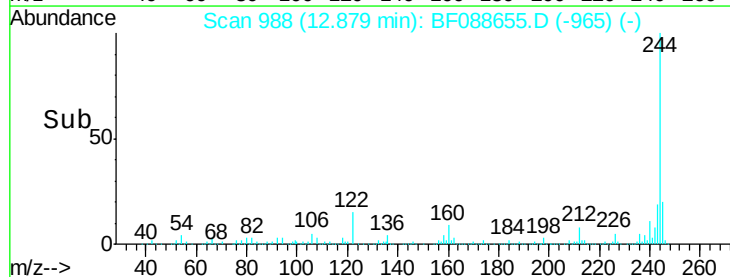
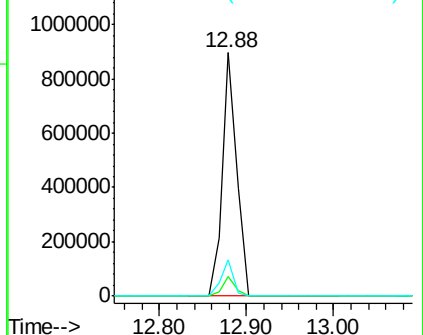
122 14.9 11.2 16.8

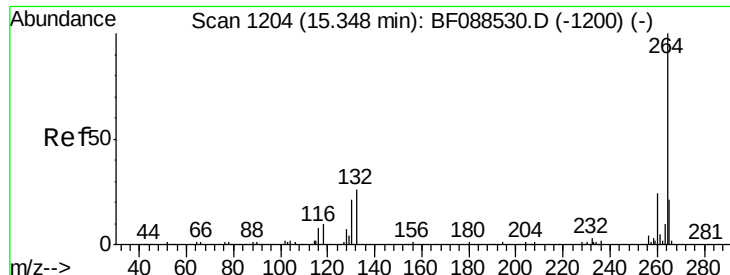


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

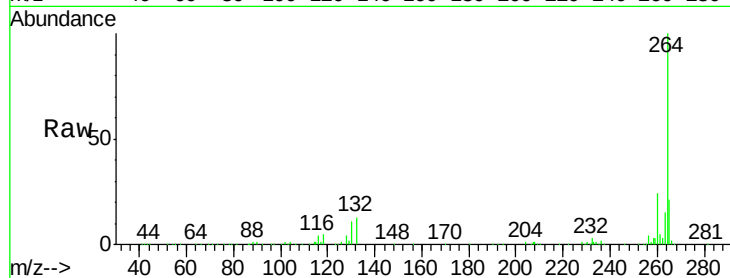




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF088655.D
 Acq: 3 Jul 2016 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 268902
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.4 16.9 25.3



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

