

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
 Data File : BF085040.D
 Acq On : 12 Feb 2016 4:39
 Operator : SJ/IZ
 Sample : H1410-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B039(9-11)

Quant Time: Feb 12 05:50:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	138255	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	592132	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	289511	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	478864	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	319536	20.00	ng	-0.02
86) Perylene-d12	15.11	264	289799	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	983877	110.84	ng	0.00
7) Phenol-d6	6.26	99	1204765	109.49	ng	-0.02
23) Nitrobenzene-d5	7.18	82	891948	84.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	334394	110.73	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1701274	109.52	ng	-0.01
78) Terphenyl-d14	12.71	244	1385872	98.28	ng	-0.02

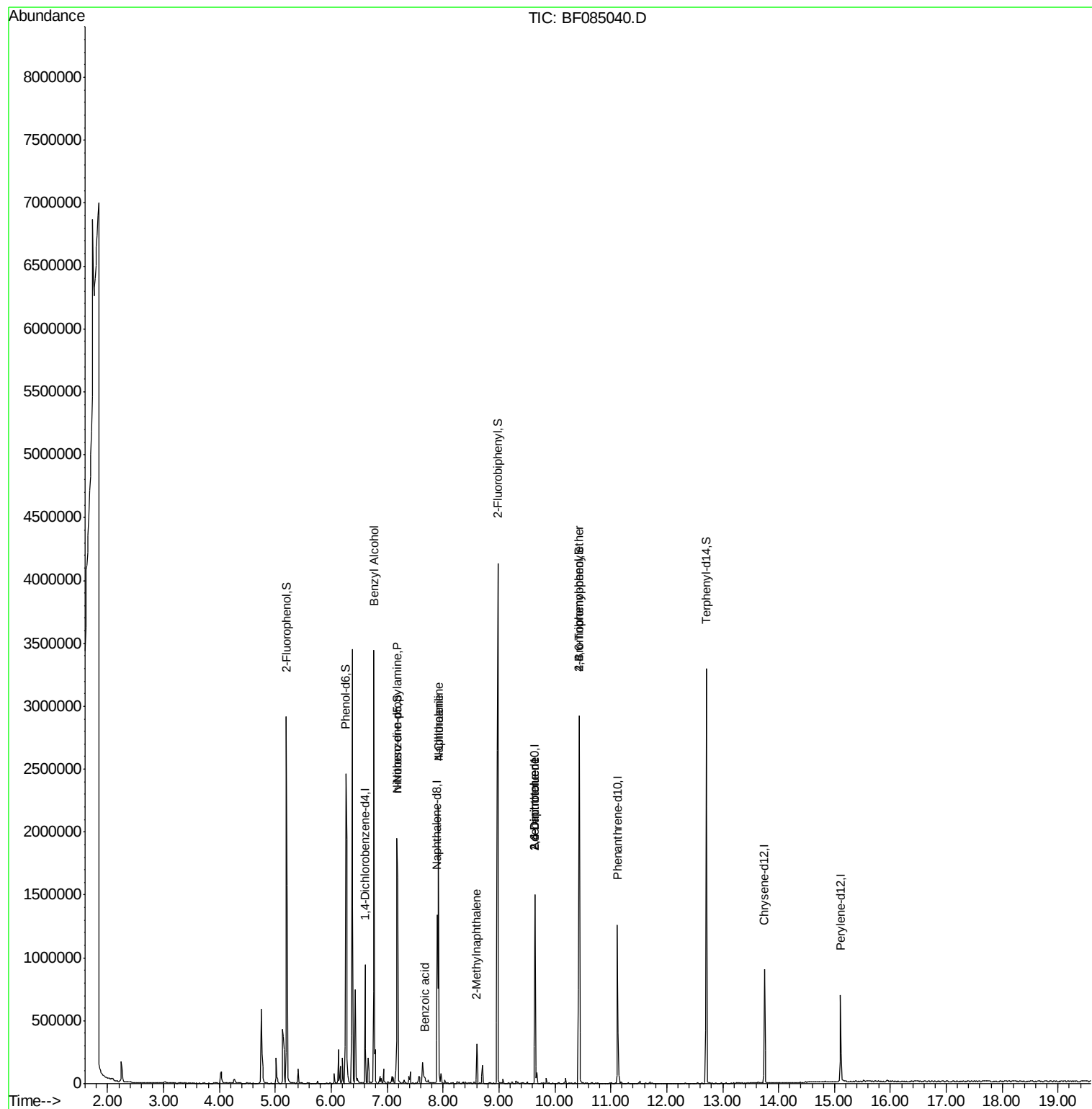
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.76	79	16870	2.22	ng	# 45
19) n-Nitroso-di-n-propylamine	7.18	70	120941	17.53	ng	# 70
31) Naphthalene	7.92	128	979030	32.96	ng	100
32) Benzoic acid	7.67	122	18610	3.01	ng	87
33) 4-Chloroaniline	7.92	127	131171	10.68	ng	# 33
37) 2-Methylnaphthalene	8.60	142	86390	4.65	ng	97
50) 2,6-Dinitrotoluene	9.64	165	37633	7.81	ng	# 37
56) 2,4-Dinitrotoluene	9.64	165	37633	6.13	ng	# 21
66) 4-Bromophenyl-phenylether	10.43	248	21198	4.01	ng	# 1

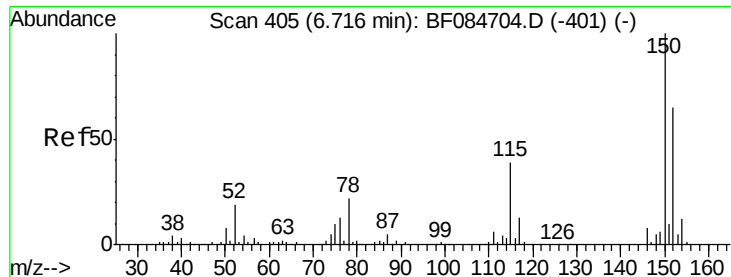
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085040.D

Acq: 12 Feb 2016 4:39

Instrument :

BNA_G

ClientSampleId :

SUP-B039(9-11)

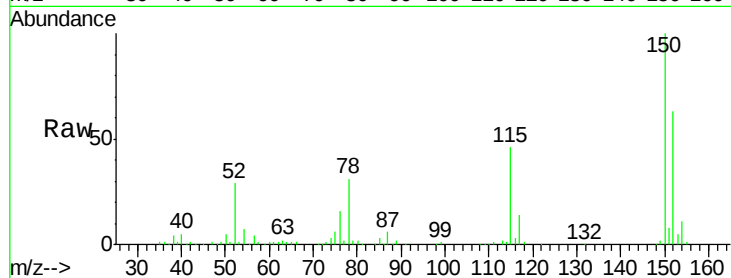
Tgt Ion:152 Resp: 138255

Ion Ratio Lower Upper

152 100

150 158.1 123.0 184.4

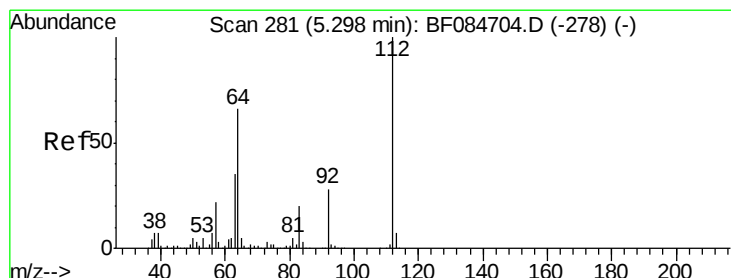
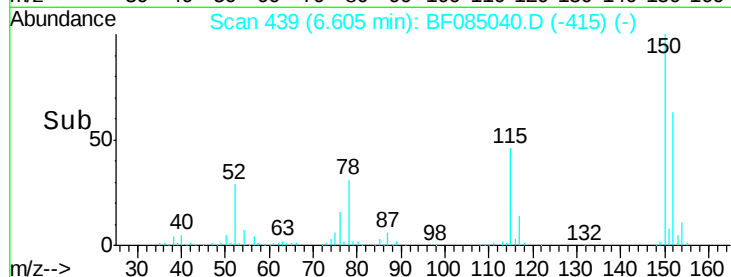
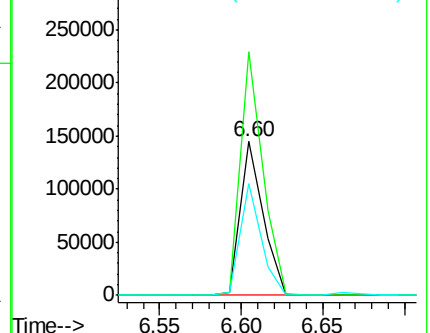
115 72.7 51.4 77.2



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: 110.84 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF085040.D

Acq: 12 Feb 2016 4:39

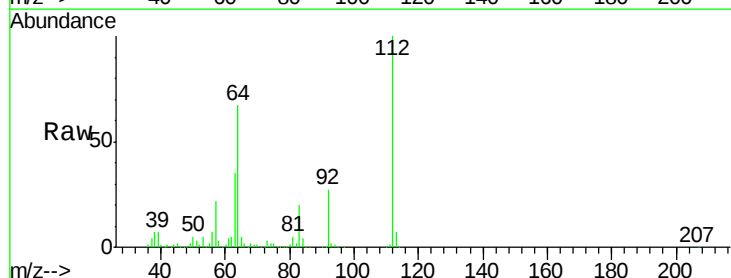
Tgt Ion:112 Resp: 983877

Ion Ratio Lower Upper

112 100

64 67.2 36.6 55.0#

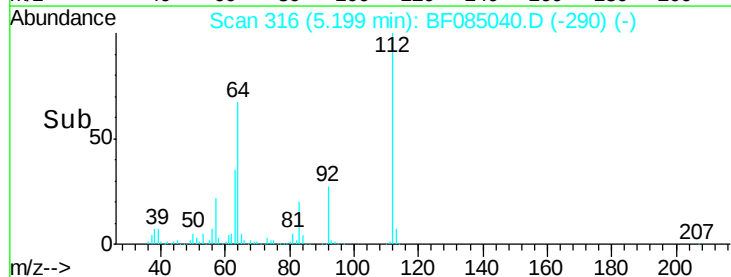
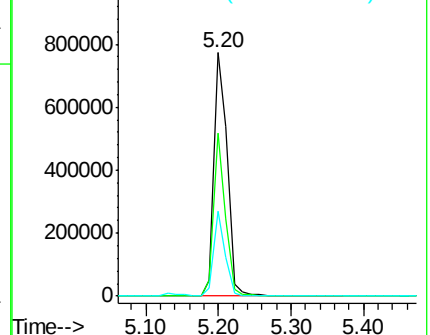
63 34.8 19.4 29.0#

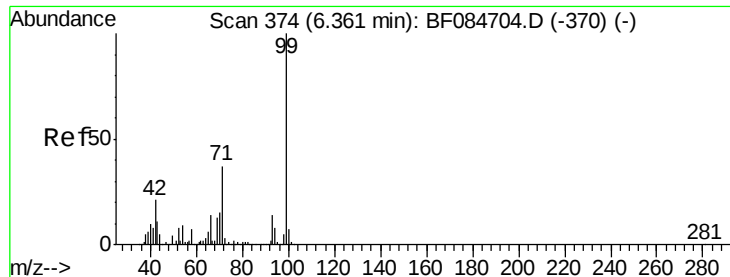


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.49 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085040.D

Acq: 12 Feb 2016 4:39

Instrument :

BNA_G

ClientSampleId :

SUP-B039(9-11)

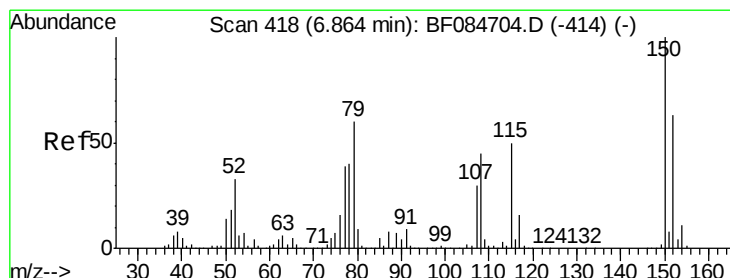
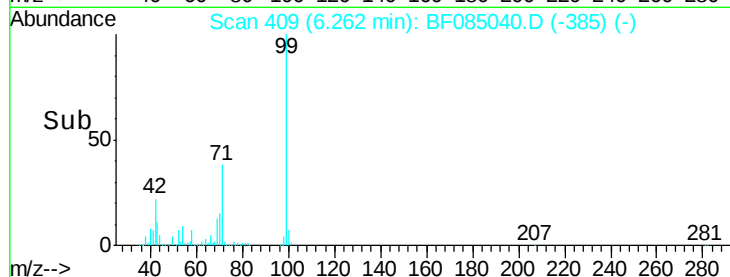
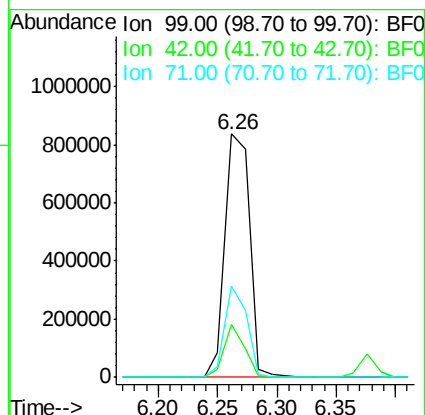
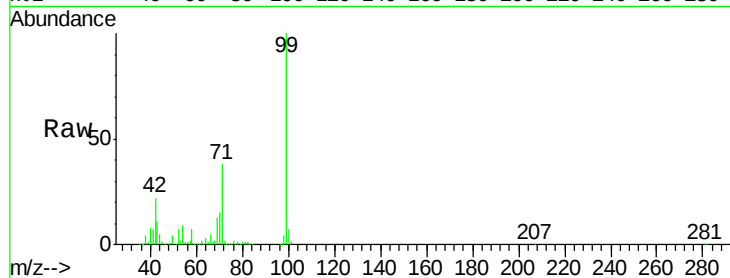
Tgt Ion: 99 Resp: 1204765

Ion Ratio Lower Upper

99 100

42 21.7 12.8 19.2#

71 37.8 30.9 46.3



#15

Benzyl Alcohol

Concen: 2.22 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF085040.D

Acq: 12 Feb 2016 4:39

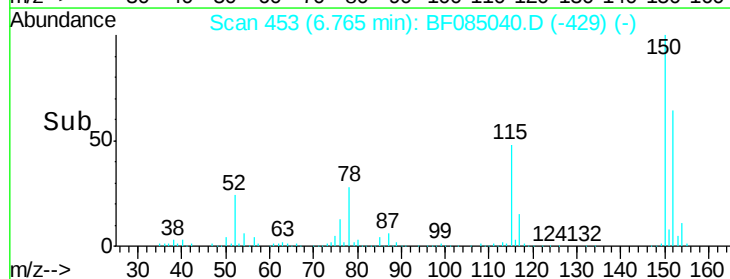
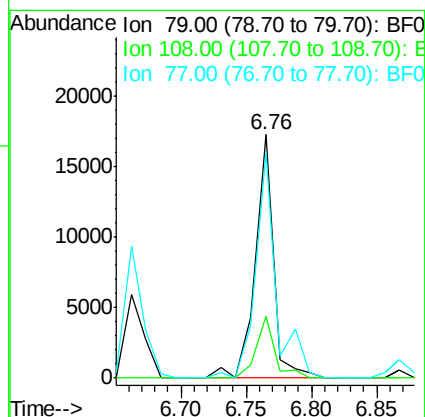
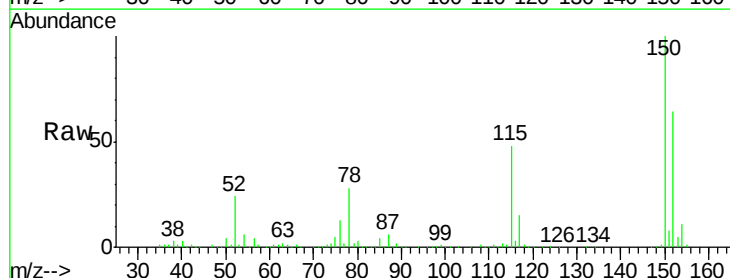
Tgt Ion: 79 Resp: 16870

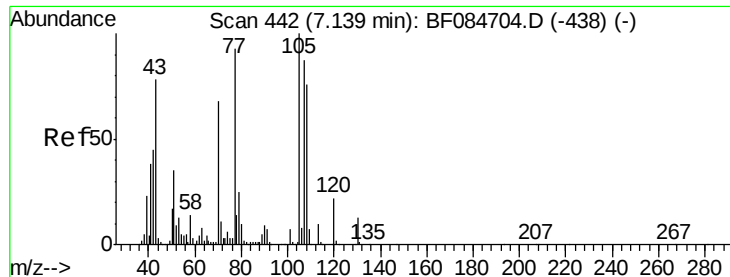
Ion Ratio Lower Upper

79 100

108 25.6 69.0 103.4#

77 92.6 50.0 75.0#

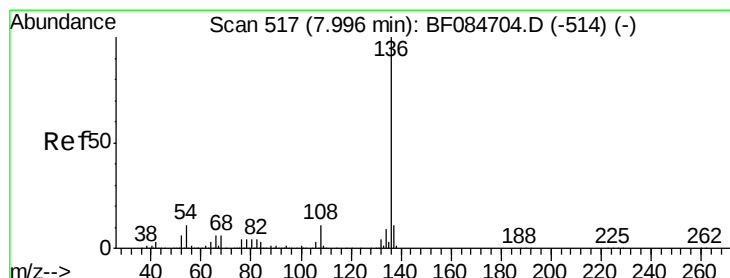
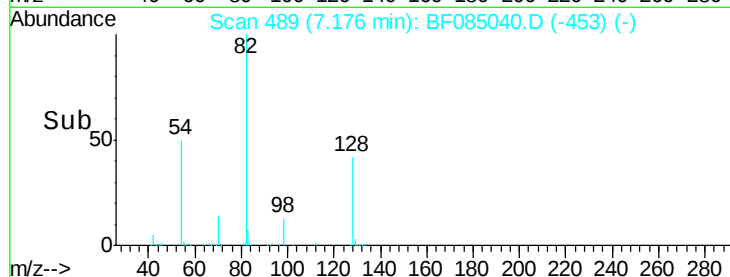
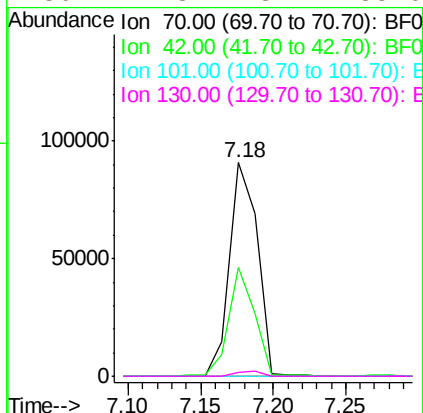
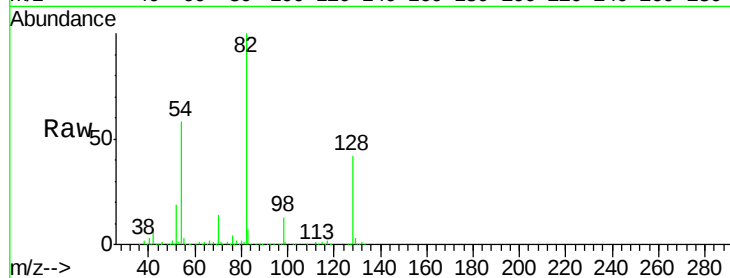




#19
n-Nitroso-di-n-propylamine
Concen: 17.53 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.11 min
Lab File: BF085040.D
Acq: 12 Feb 2016 4:39

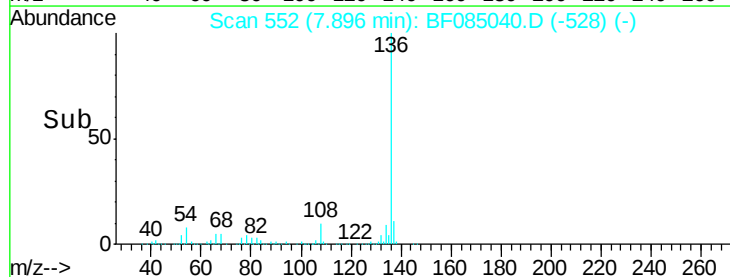
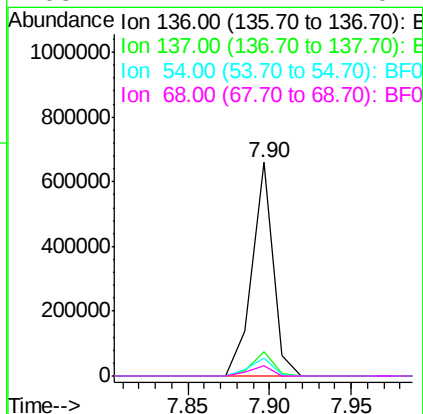
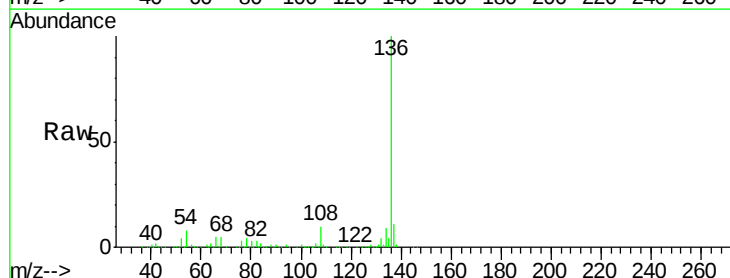
Instrument :
BNA_G
ClientSampled :
SUP-B039(9-11)

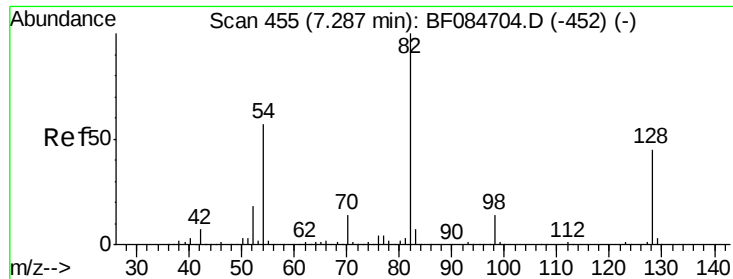
Tgt Ion: 70 Resp: 120941
Ion Ratio Lower Upper
70 100
42 50.8 33.3 49.9#
101 0.0 9.3 13.9#
130 1.8 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF085040.D
Acq: 12 Feb 2016 4:39

Tgt Ion: 136 Resp: 592132
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.3 5.8 8.8
68 4.7 4.2 6.2

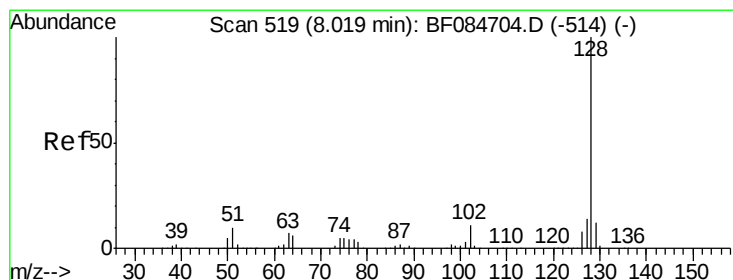
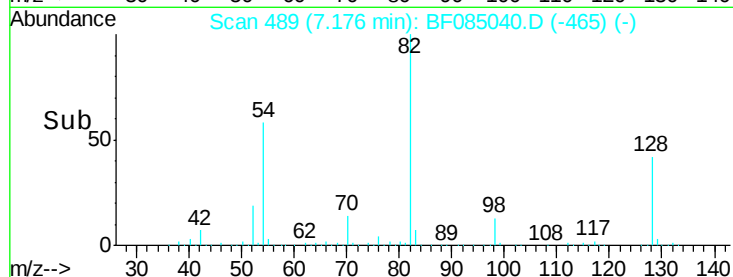
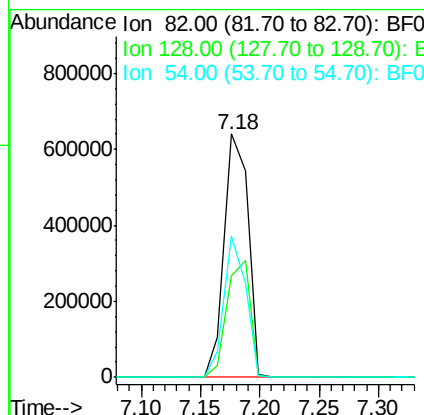
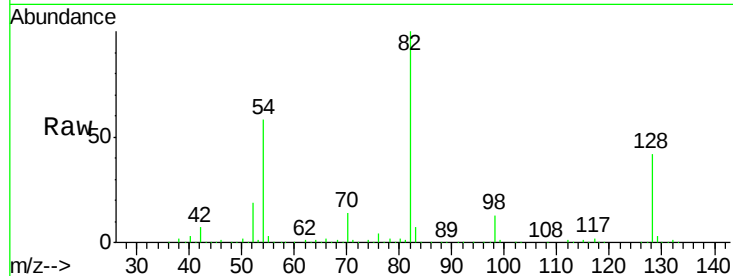




#23
 Nitrobenzene-d5
 Concen: 84.86 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF085040.D
 Acq: 12 Feb 2016 4:39

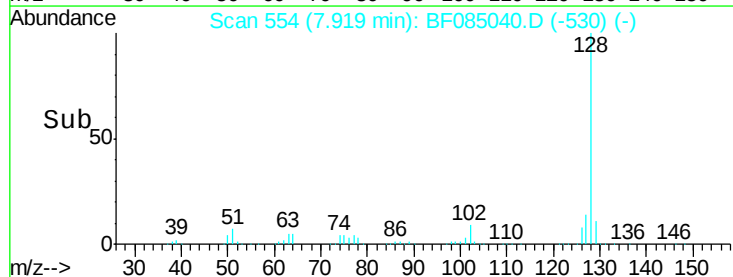
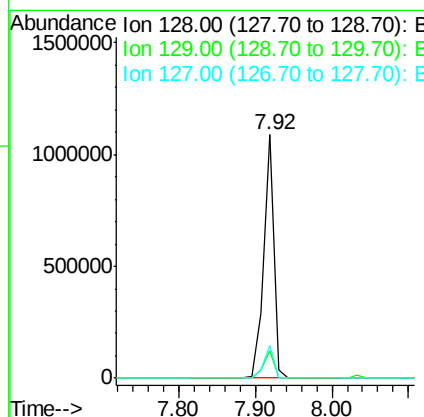
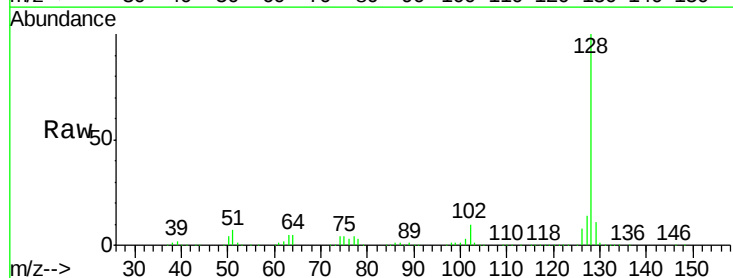
Instrument :
 BNA_G
 ClientSampleId :
 SUP-B039(9-11)

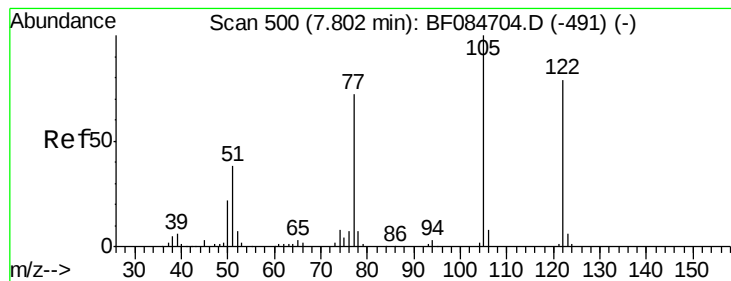
Tgt Ion: 82 Resp: 891948
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.6 51.8
 54 57.9 38.4 57.6#



#31
 Naphthalene
 Concen: 32.96 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.02 min
 Lab File: BF085040.D
 Acq: 12 Feb 2016 4:39

Tgt Ion: 128 Resp: 979030
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.1 13.7
 127 13.6 11.1 16.7





#32

Benzoic acid

Concen: 3.01 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.08 min

Lab File: BF085040.D

Acq: 12 Feb 2016 4:39

Instrument :

BNA_G

ClientSampleId :

SUP-B039(9-11)

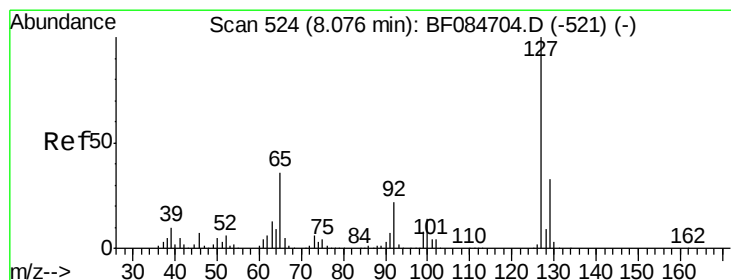
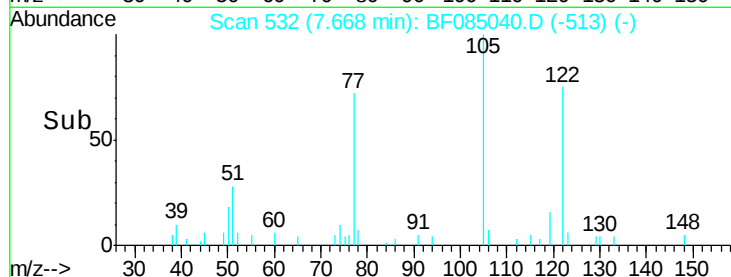
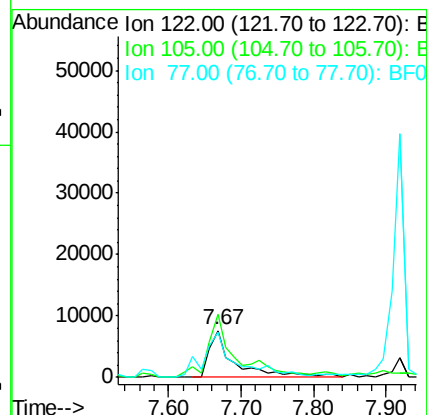
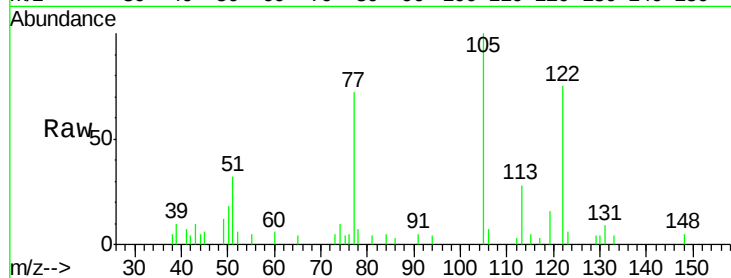
Tgt Ion:122 Resp: 18610

Ion Ratio Lower Upper

122 100

105 133.7 100.3 140.3

77 95.6 63.5 103.5



#33

4-Chloroaniline

Concen: 10.68 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.08 min

Lab File: BF085040.D

Acq: 12 Feb 2016 4:39

Tgt Ion:127 Resp: 131171

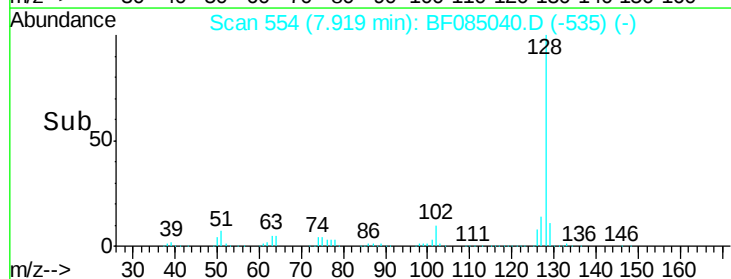
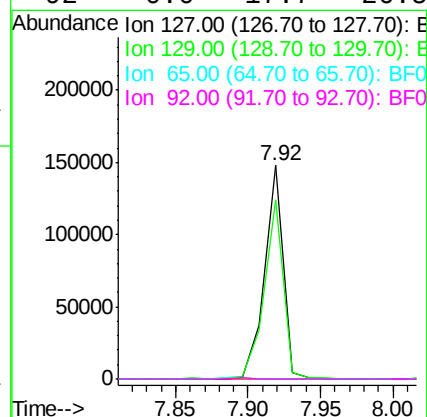
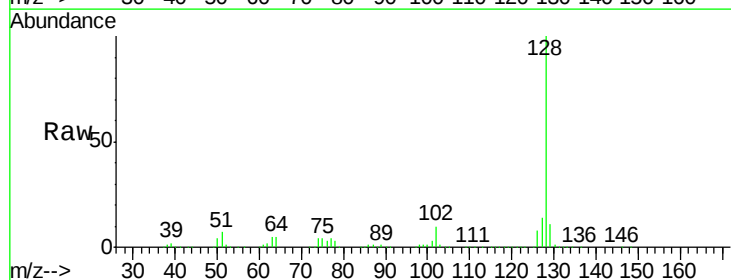
Ion Ratio Lower Upper

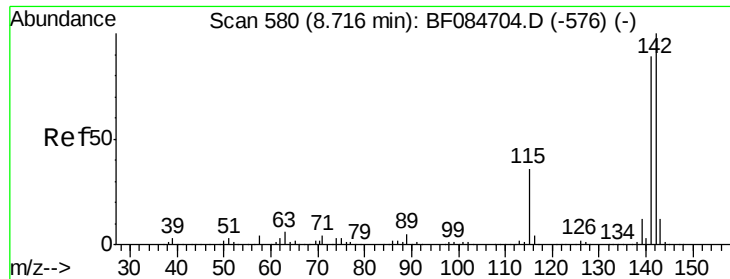
127 100

129 83.9 26.5 39.7#

65 0.0 27.2 40.8#

92 0.0 17.7 26.5#

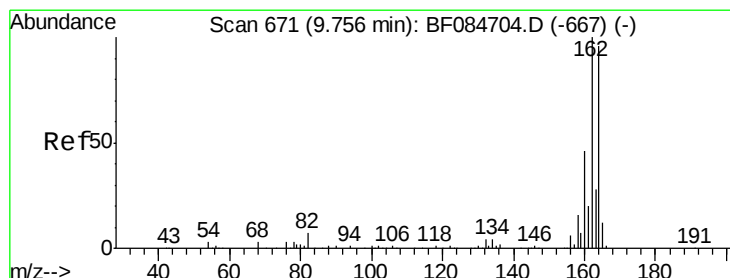
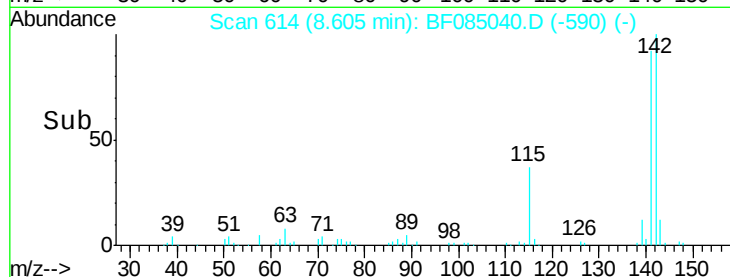
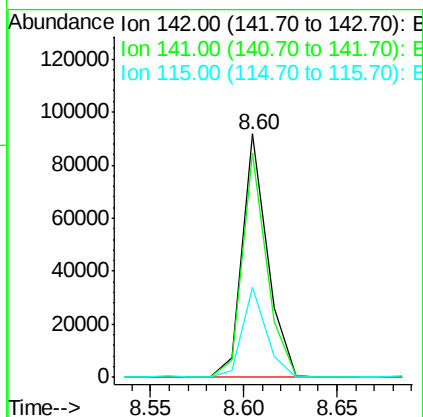
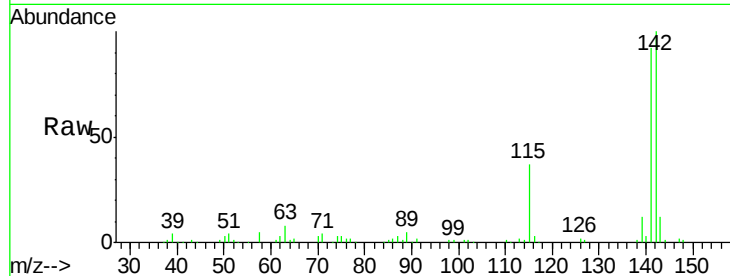




#37
 2-Methylnaphthalene
 Concen: 4.65 ng
 RT: 8.60 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF085040.D
 Acq: 12 Feb 2016 4:39

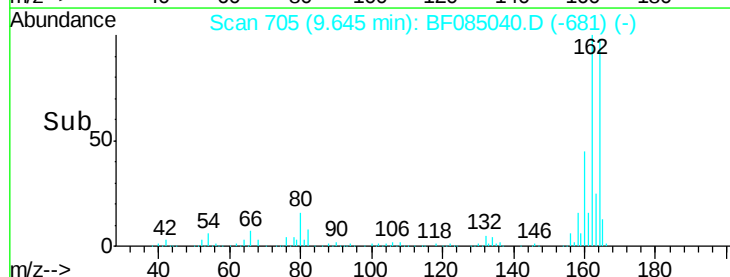
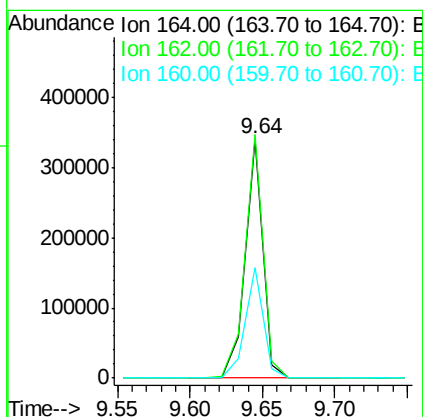
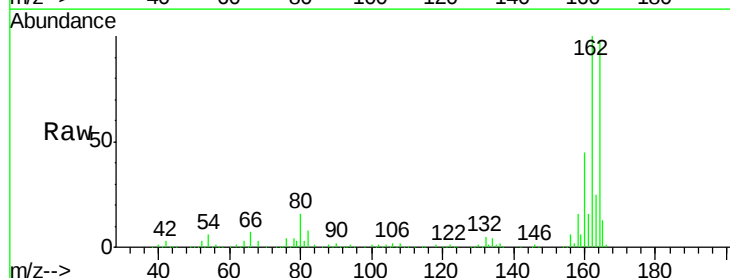
Instrument :
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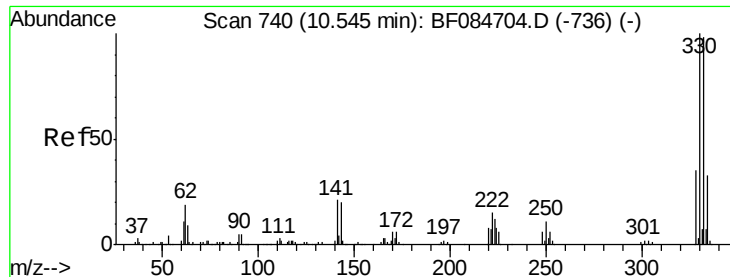
Tgt Ion:142 Resp: 86390
 Ion Ratio Lower Upper
 142 100
 141 92.4 72.4 108.6
 115 37.2 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF085040.D
 Acq: 12 Feb 2016 4:39

Tgt Ion:164 Resp: 289511
 Ion Ratio Lower Upper
 164 100
 162 101.8 85.1 127.7
 160 46.1 37.5 56.3

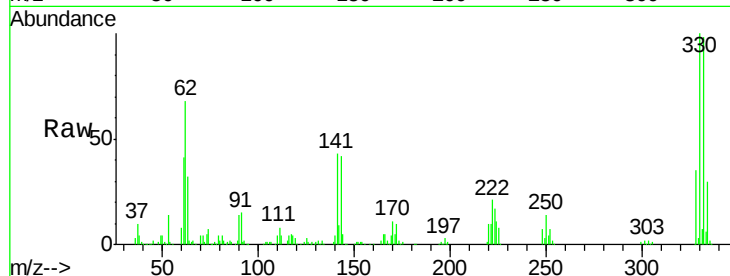




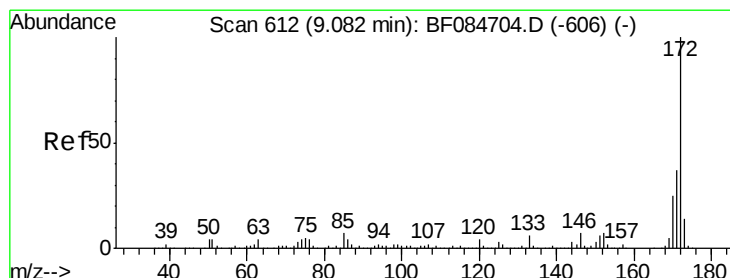
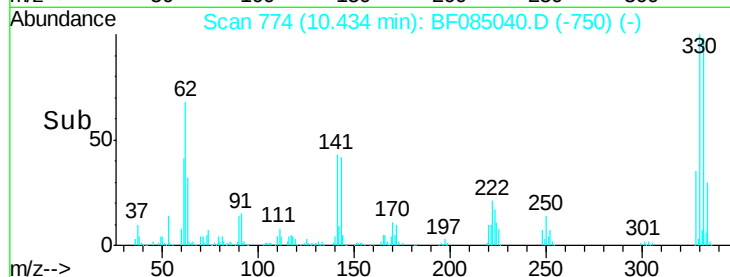
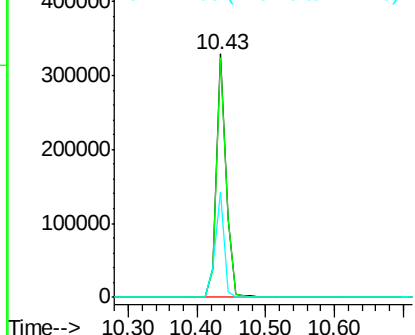
#41
 2,4,6-Tribromophenol
 Concen: 110.73 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF085040.D
 Acq: 12 Feb 2016 4:39

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B039(9-11)

Tgt Ion:330 Resp: 334394
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 114.8
 141 39.8 27.8 41.6

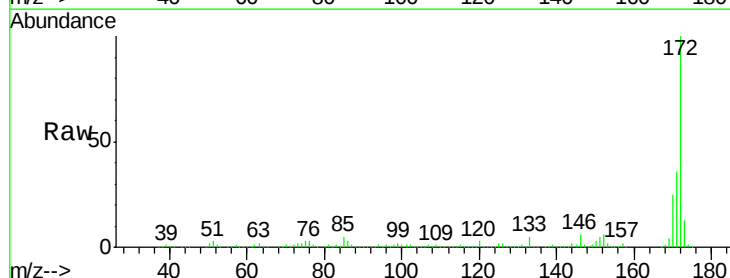


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

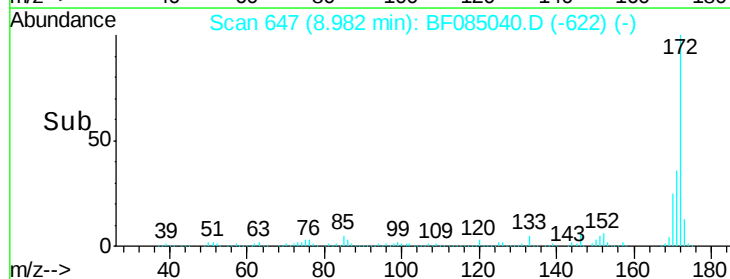
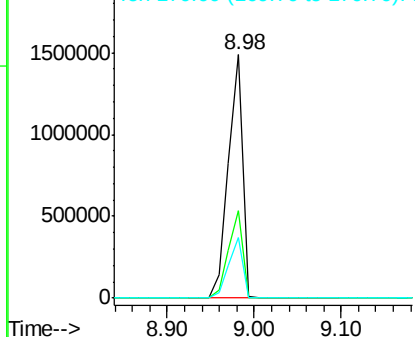


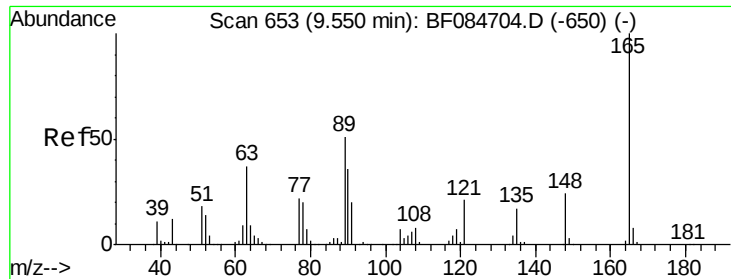
#44
 2-Fluorobiphenyl
 Concen: 109.52 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085040.D
 Acq: 12 Feb 2016 4:39

Tgt Ion:172 Resp: 1701274
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 24.7 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

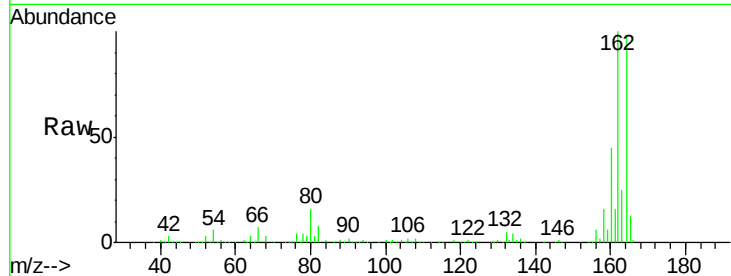




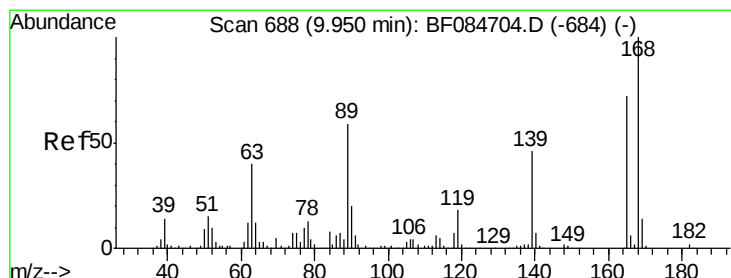
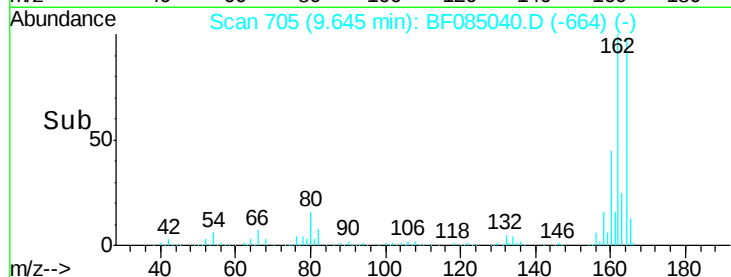
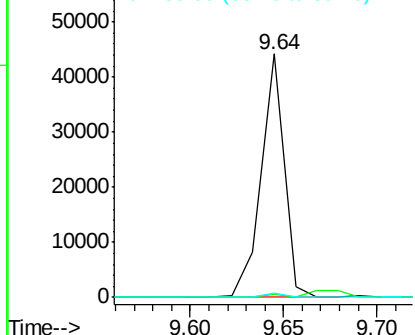
#50
 2,6-Dinitrotoluene
 Concen: 7.81 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.17 min
 Lab File: BF085040.D
 Acq: 12 Feb 2016 4:39

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B039(9-11)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	28.8	43.2#
89	1.5	35.1	52.7#



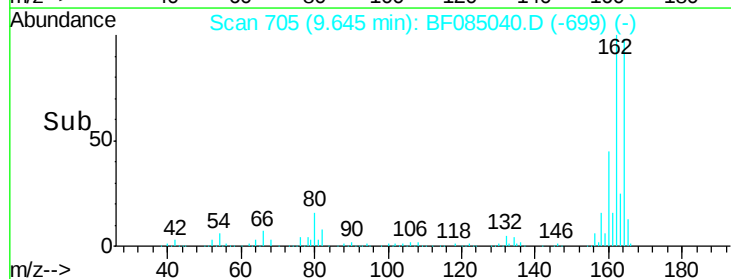
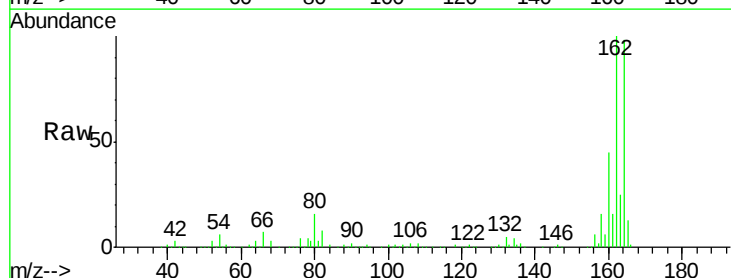
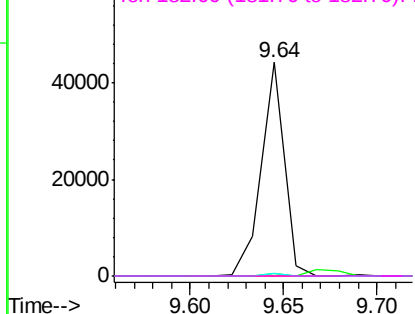
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

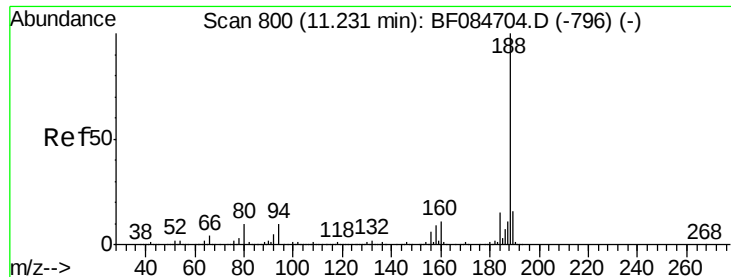


#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.23 min
 Lab File: BF085040.D
 Acq: 12 Feb 2016 4:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.7	55.1#
89	1.5	61.9	92.9#
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

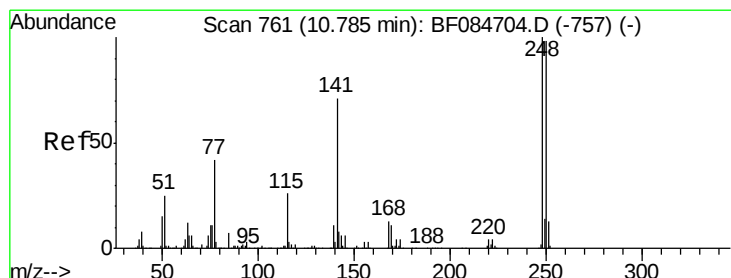
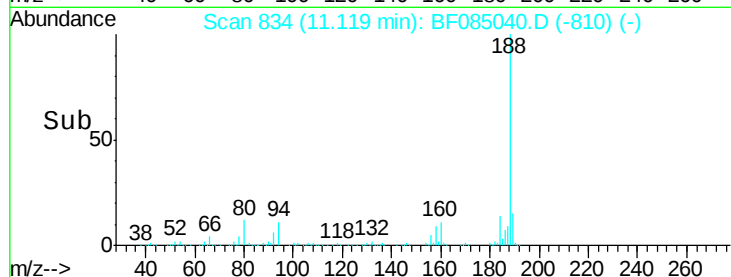
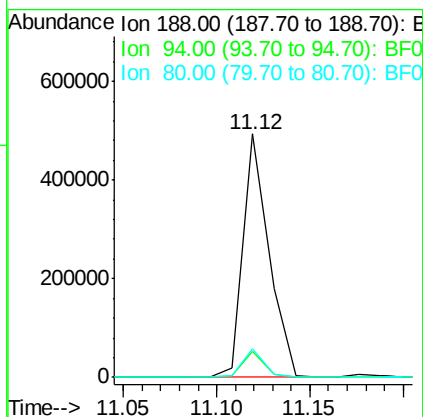
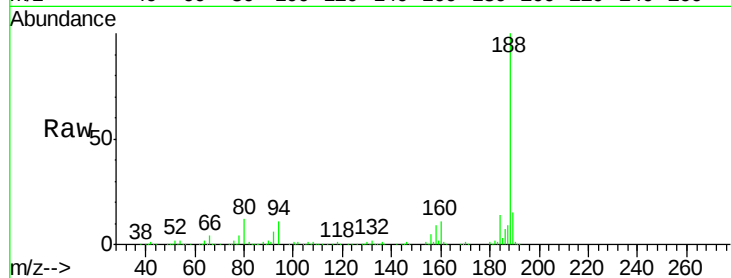




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF085040.D
Acq: 12 Feb 2016 4:39

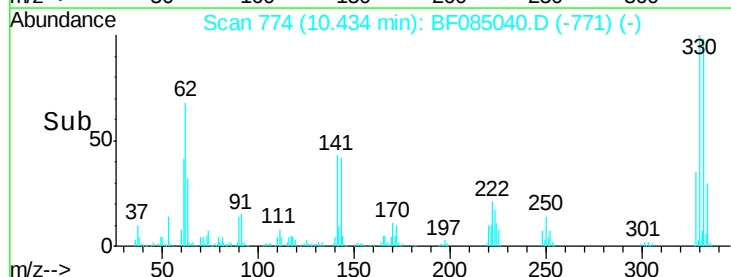
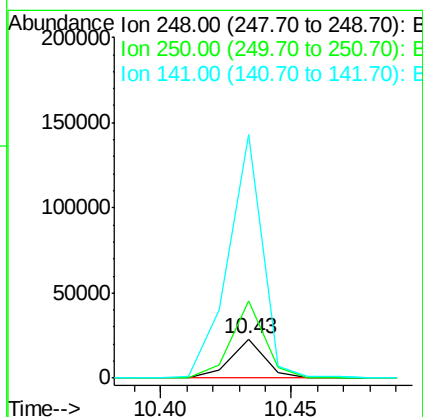
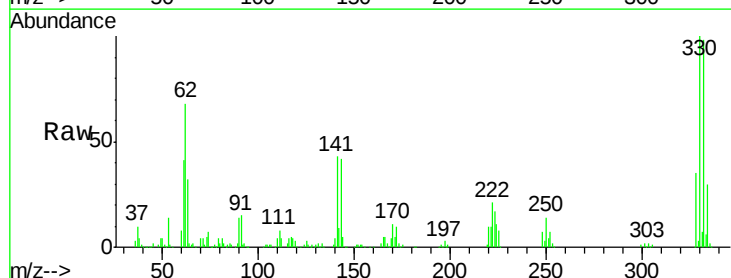
Instrument :
BNA_G
ClientSampleId :
SUP-B039(9-11)

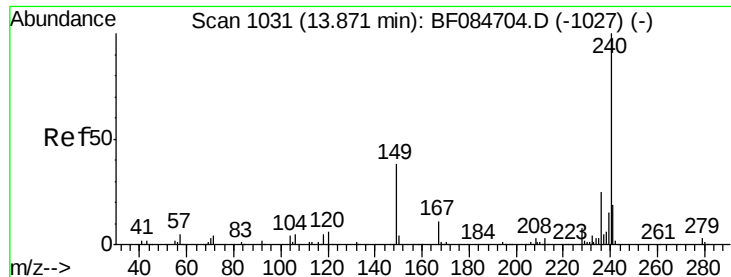
Tgt Ion:188 Resp: 478864
Ion Ratio Lower Upper
188 100
94 10.6 9.0 13.4
80 11.7 9.6 14.4



#66
4-Bromophenyl-phenylether
Concen: 4.01 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.26 min
Lab File: BF085040.D
Acq: 12 Feb 2016 4:39

Tgt Ion:248 Resp: 21198
Ion Ratio Lower Upper
248 100
250 197.7 78.4 117.6#
141 621.6 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BF085040.D

Acq: 12 Feb 2016 4:39

Instrument :

BNA_G

ClientSampleId :

SUP-B039(9-11)

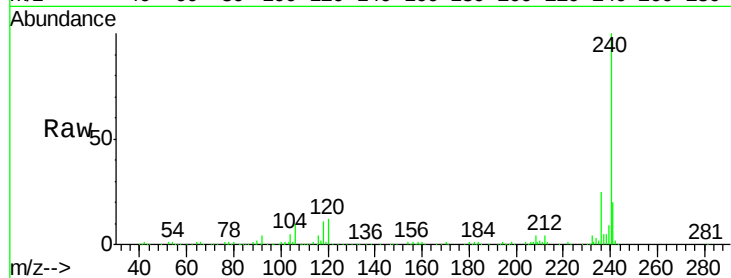
Tgt Ion:240 Resp: 319536

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

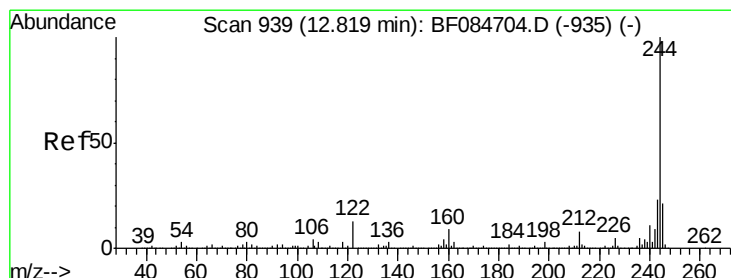
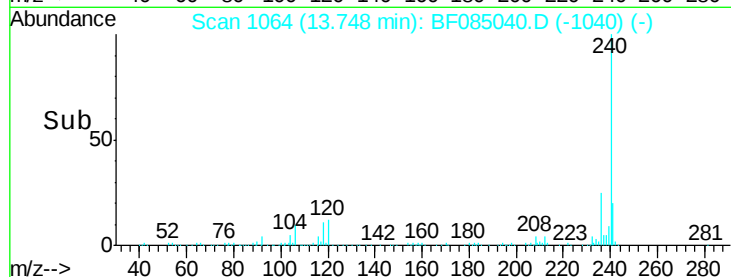
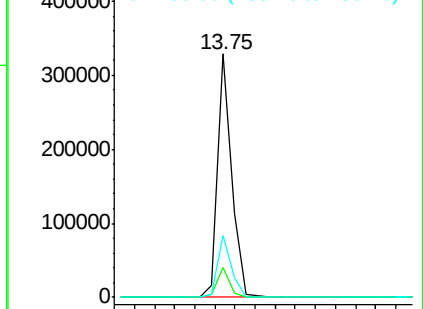
236 25.2 20.6 31.0



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: 98.28 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF085040.D

Acq: 12 Feb 2016 4:39

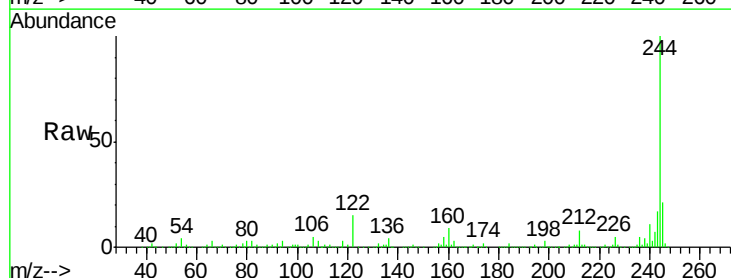
Tgt Ion:244 Resp: 1385872

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

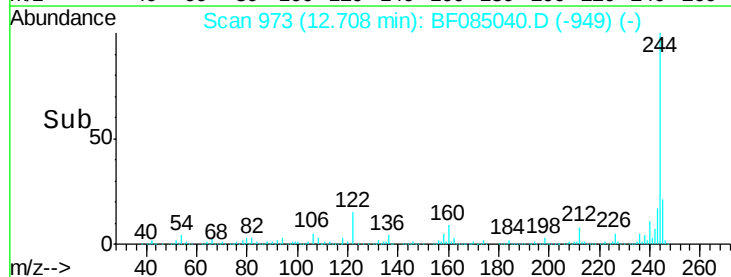
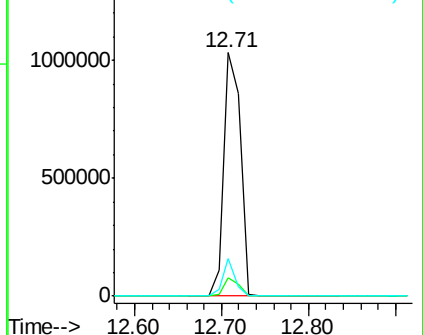
122 15.2 7.4 11.0#

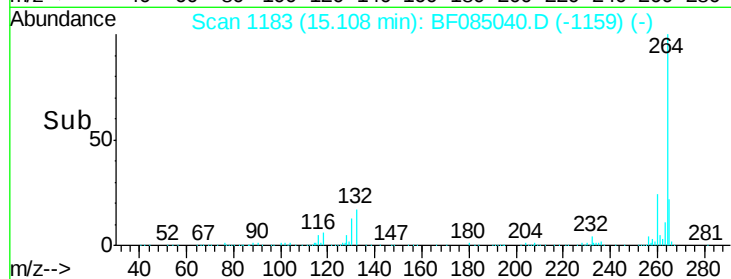
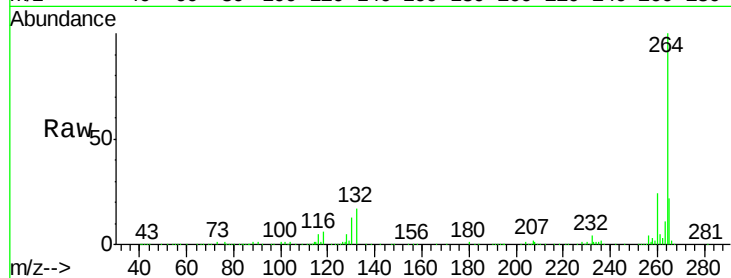
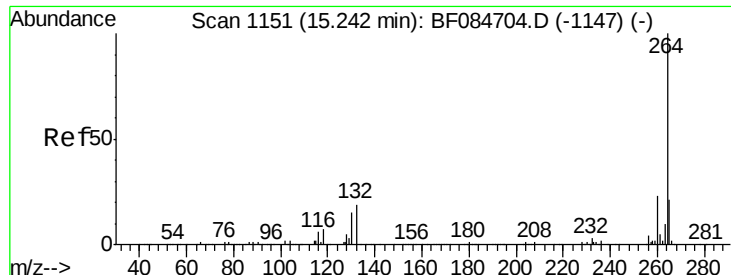


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BF085040.D

Acq: 12 Feb 2016 4:39

Instrument :

BNA_G

ClientSampleId :

SUP-B039(9-11)

Tgt Ion:264 Resp: 289799

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.7 17.8 26.6

