

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084660.D
 Acq On : 30 Jan 2016 2:51
 Operator : SJ/IZ
 Sample : H1272-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B029(6-6.5)

Quant Time: Jan 30 05:41:23 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	189361	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	766594	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	358002	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	721235	20.00	ng	0.00
75) Chrysene-d12	13.87	240	654703	20.00	ng	0.00
86) Perylene-d12	15.25	264	331201	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1659535	132.29	ng	0.03
7) Phenol-d6	6.37	99	1815512	120.75	ng	0.00
23) Nitrobenzene-d5	7.29	82	1441881	105.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	640901	170.81	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2482456	103.07	ng	0.00
78) Terphenyl-d14	12.83	244	2211455	76.29	ng	0.00

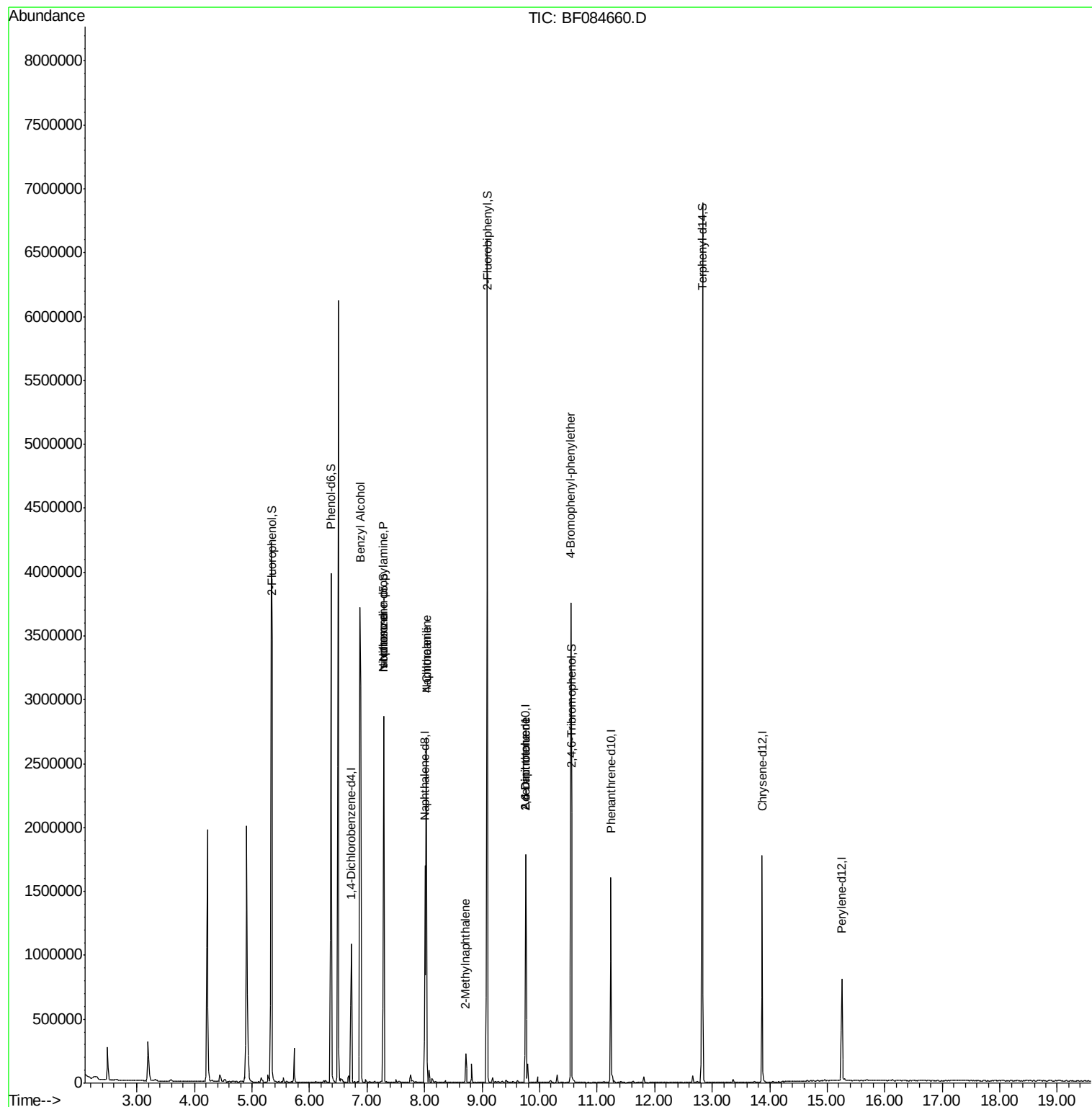
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.88	79	22458	2.19	ng	# 44
19) n-Nitroso-di-n-propylamine	7.29	70	194025	21.13	ng	# 71
25) Isophorone	7.29	82	1306018	50.82	ng	# 66
31) Naphthalene	8.03	128	1140317	29.47	ng	99
33) 4-Chloroaniline	8.03	127	152952	9.72	ng	# 30
37) 2-Methylnaphthalene	8.72	142	72648	3.06	ng	97
50) 2,6-Dinitrotoluene	9.76	165	46405	7.85	ng	# 38
56) 2,4-Dinitrotoluene	9.76	165	46405	6.04	ng	# 22
66) 4-Bromophenyl-phenylether	10.54	248	36487	4.49	ng	# 1

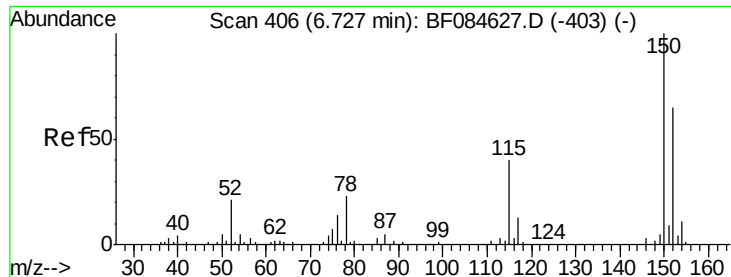
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084660.D

Acq: 30 Jan 2016 2:51

Instrument :

BNA_F

ClientSampleId :

SUP-B029(6-6.5)

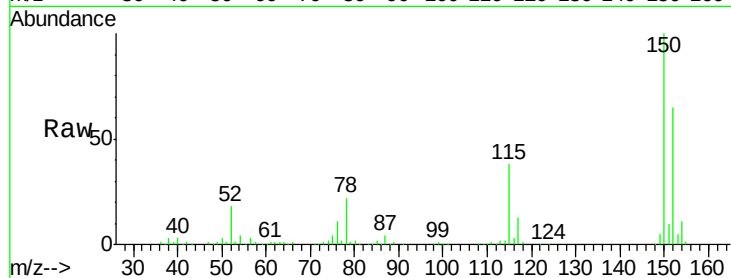
Tgt Ion:152 Resp: 189361

Ion Ratio Lower Upper

152 100

150 154.4 123.0 184.4

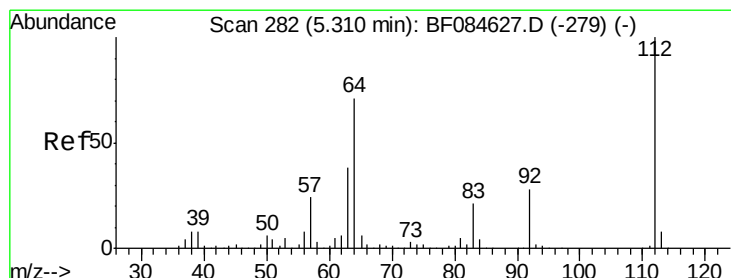
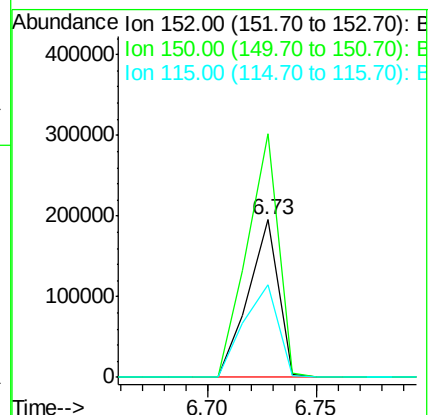
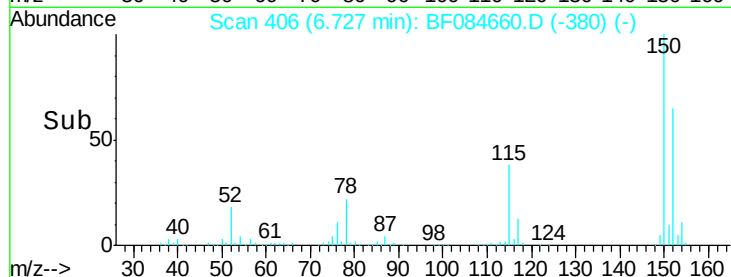
115 58.6 51.4 77.2



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: 132.29 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.03 min

Lab File: BF084660.D

Acq: 30 Jan 2016 2:51

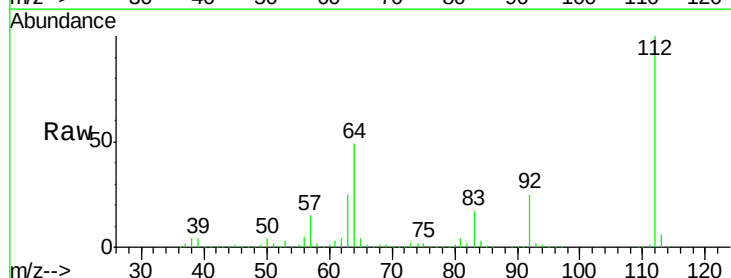
Tgt Ion:112 Resp: 1659535

Ion Ratio Lower Upper

112 100

64 49.4 36.6 55.0

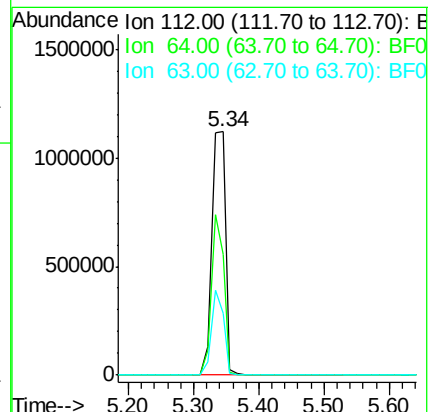
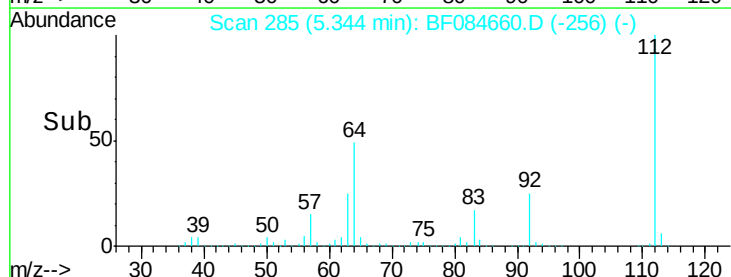
63 25.3 19.4 29.0

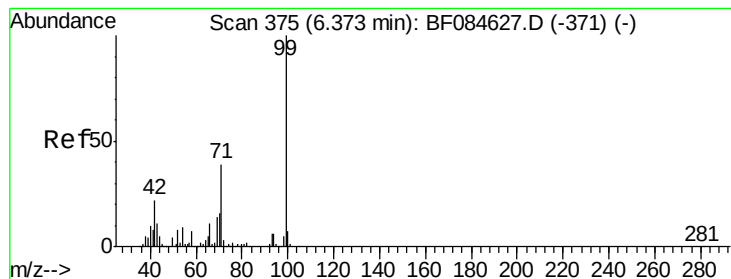


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.75 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084660.D

Acq: 30 Jan 2016 2:51

Instrument :

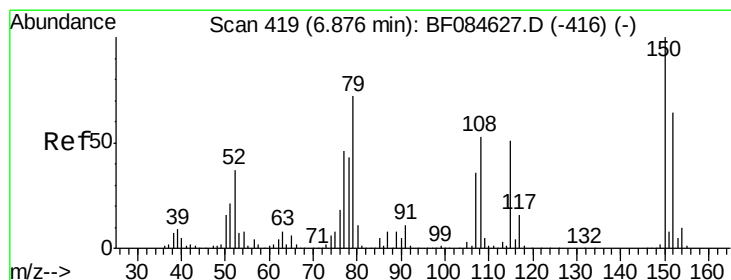
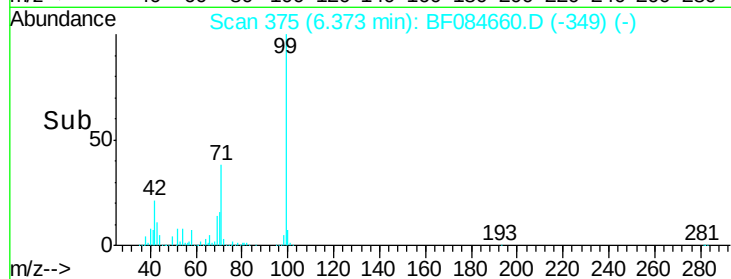
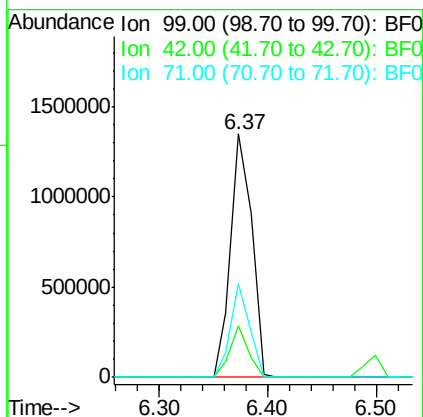
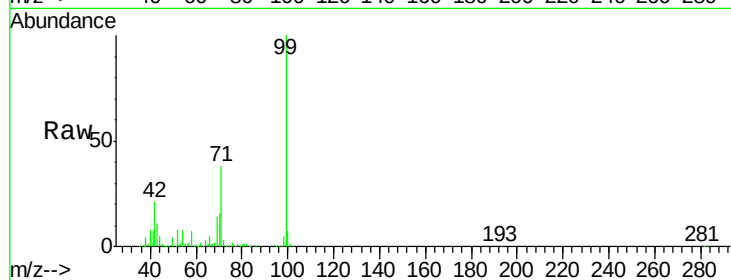
BNA_F

ClientSampleId :

SUP-B029(6-6.5)

Tgt Ion: 99 Resp: 1815512

Ion	Ratio	Lower	Upper
99	100		
42	21.0	12.8	19.2#
71	38.5	30.9	46.3



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 6.88 min Scan# 419

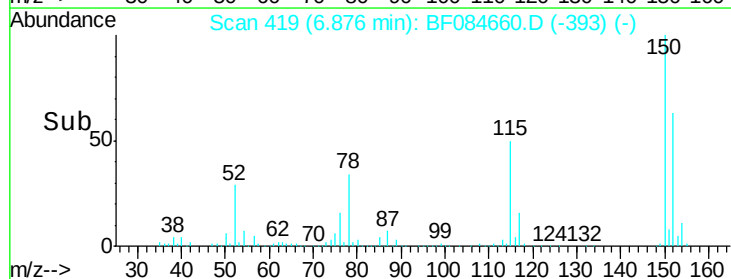
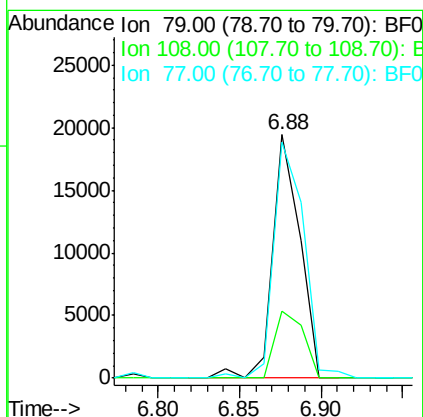
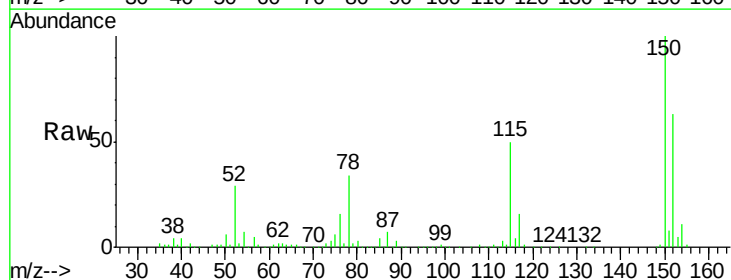
Delta R.T. -0.00 min

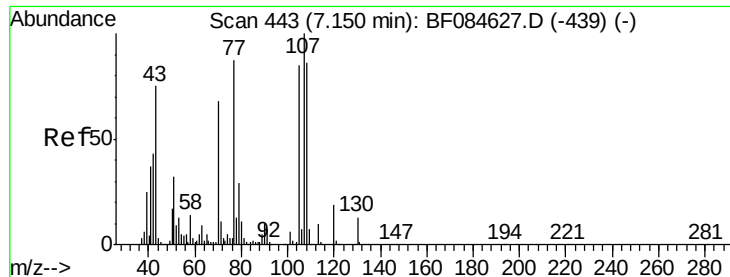
Lab File: BF084660.D

Acq: 30 Jan 2016 2:51

Tgt Ion: 79 Resp: 22458

Ion	Ratio	Lower	Upper
79	100		
108	27.6	69.0	103.4#
77	97.1	50.0	75.0#





#19

n-Nitroso-di-n-propylamine

Concen: 21.13 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF084660.D

Acq: 30 Jan 2016 2:51

Instrument :

BNA_F

ClientSampleId :

SUP-B029(6-6.5)

Tgt Ion: 70 Resp: 194025

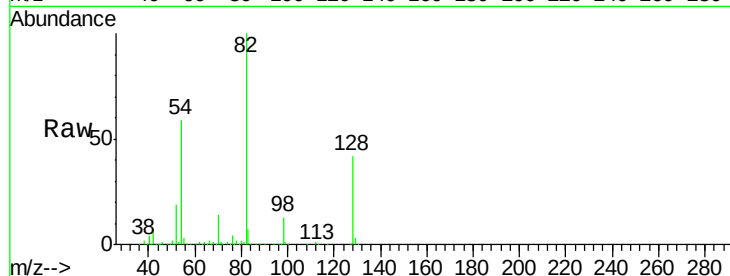
Ion Ratio Lower Upper

70 100

42 50.2 33.3 49.9#

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

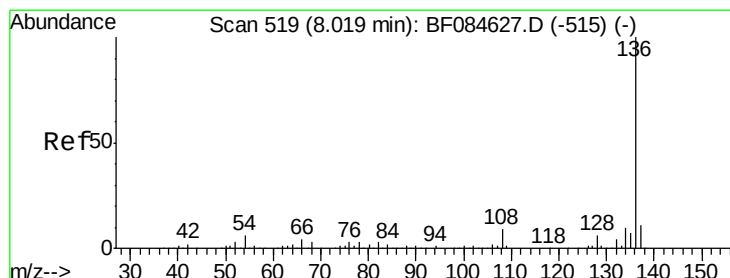
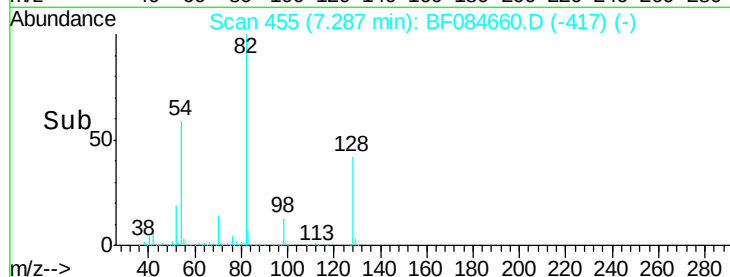
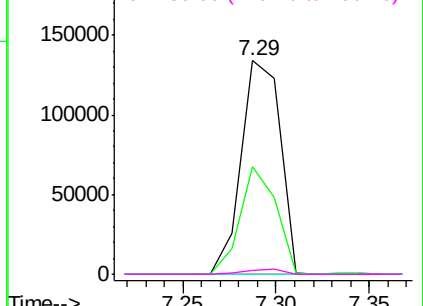


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084660.D

Acq: 30 Jan 2016 2:51

Tgt Ion: 136 Resp: 766594

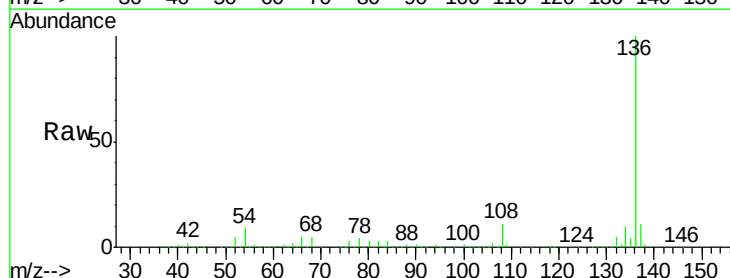
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.2 5.8 8.8#

68 5.3 4.2 6.2

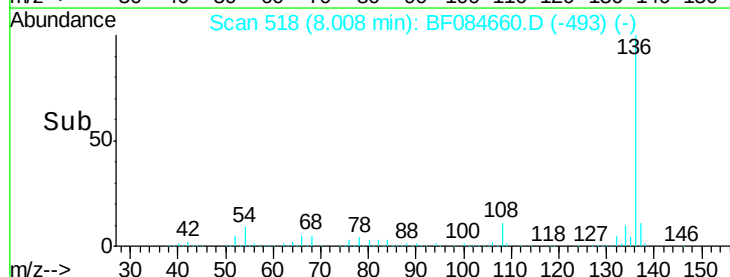
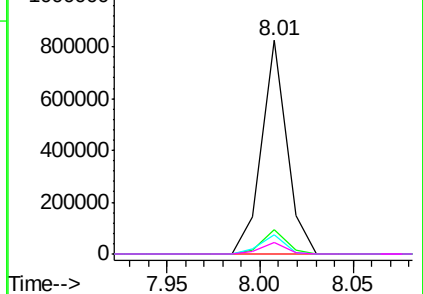


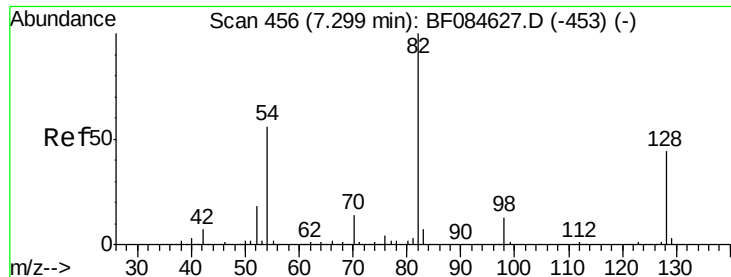
Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.12 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF084660.D

Acq: 30 Jan 2016 2:51

Instrument :

BNA_F

ClientSampleId :

SUP-B029(6-6.5)

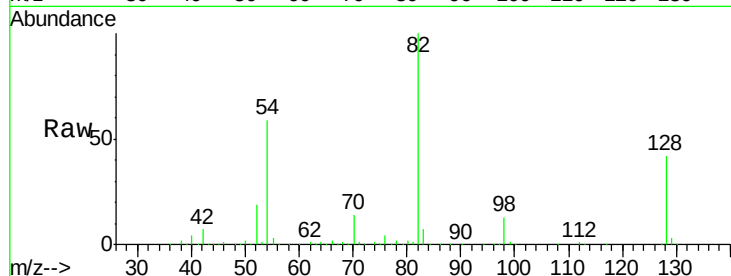
Tgt Ion: 82 Resp: 1441881

Ion Ratio Lower Upper

82 100

128 42.0 34.6 51.8

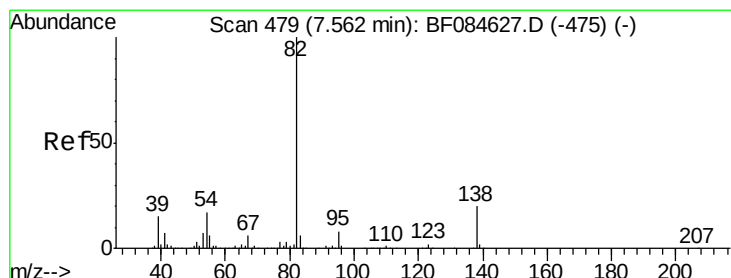
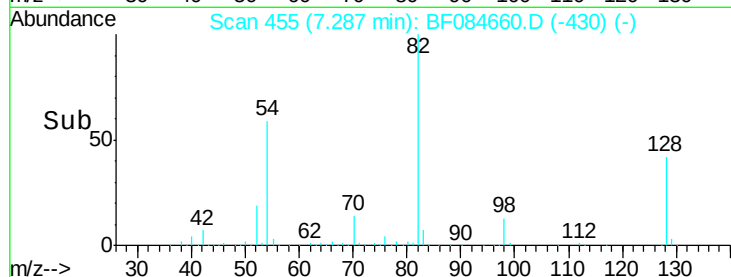
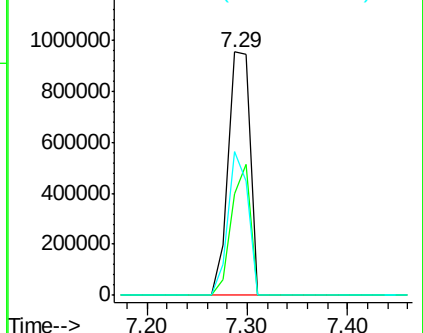
54 59.1 38.4 57.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 50.82 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF084660.D

Acq: 30 Jan 2016 2:51

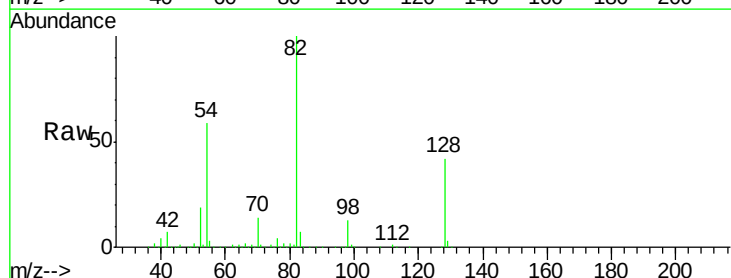
Tgt Ion: 82 Resp: 1306018

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

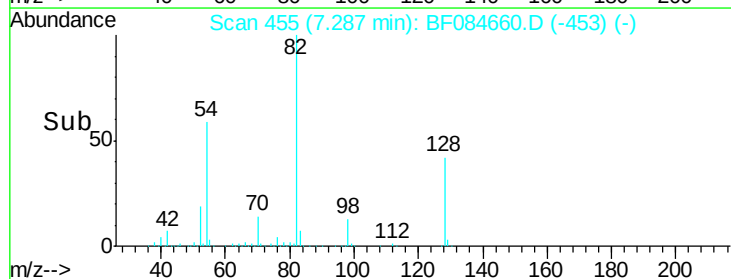
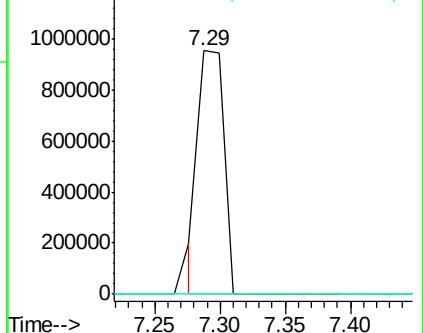
138 0.0 13.6 20.4#

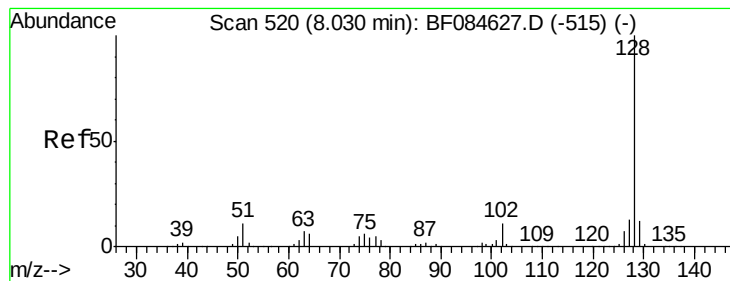


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 29.47 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF084660.D

Acq: 30 Jan 2016 2:51

Instrument :

BNA_F

ClientSampleId :

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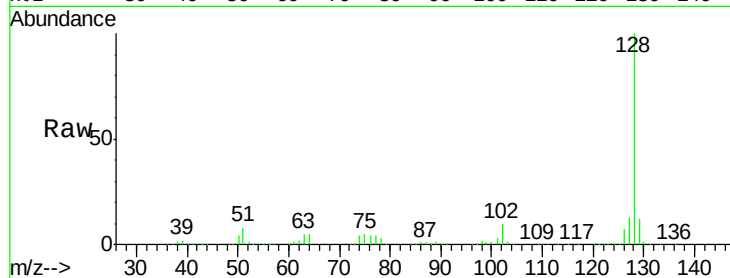
Tgt Ion:128 Resp: 1140317

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

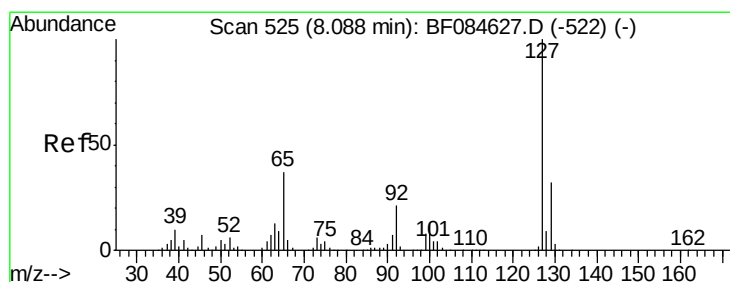
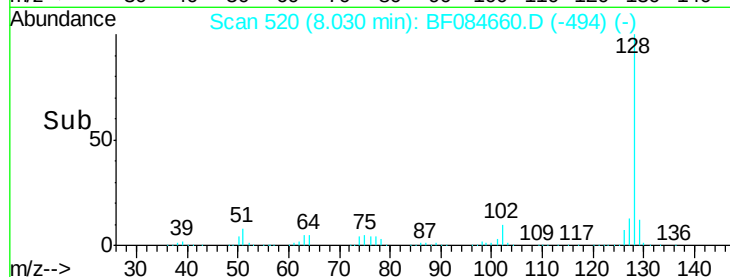
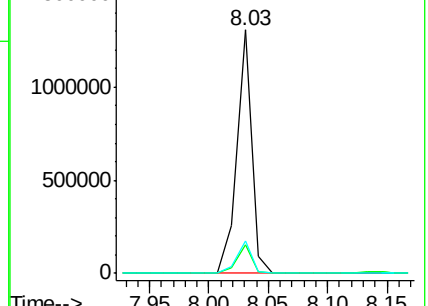
127 13.3 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 9.72 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.06 min

Lab File: BF084660.D

Acq: 30 Jan 2016 2:51

Tgt Ion:127 Resp: 152952

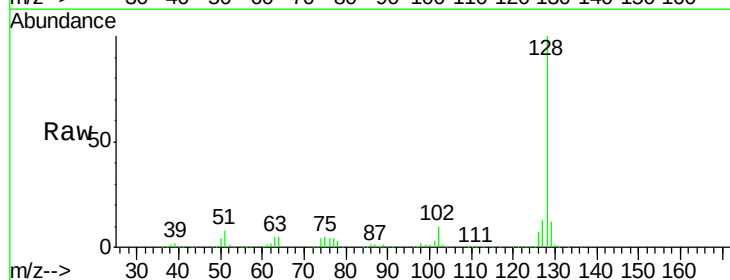
Ion Ratio Lower Upper

127 100

129 87.6 26.5 39.7#

65 0.0 27.2 40.8#

92 0.0 17.7 26.5#

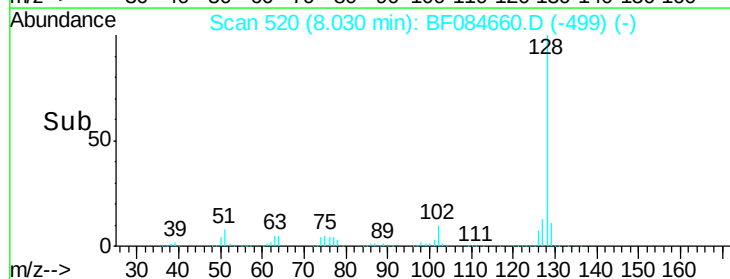
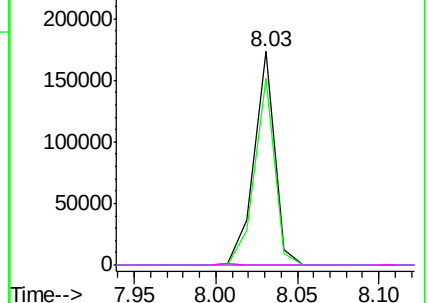


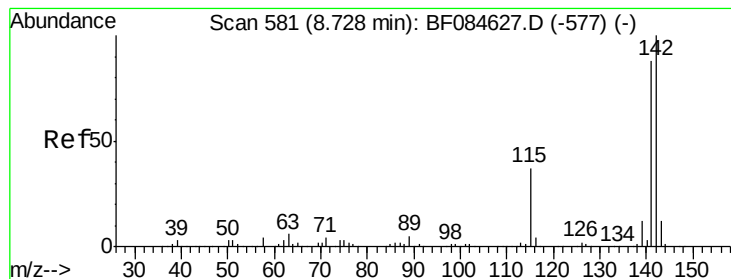
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#37

2-Methylnaphthalene

Concen: 3.06 ng

RT: 8.72 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF084660.D

Acq: 30 Jan 2016 2:51

Instrument :

BNA_F

ClientSampleId :

SUP-B029(6-6.5)

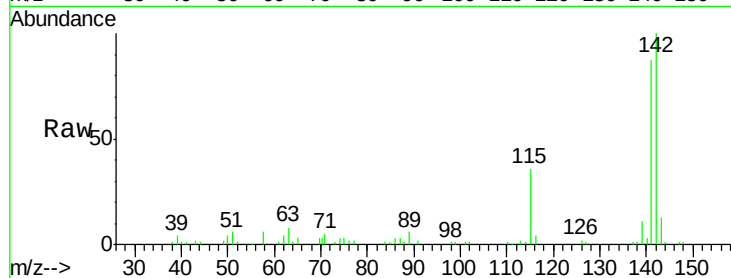
Tgt Ion:142 Resp: 72648

Ion Ratio Lower Upper

142 100

141 87.4 72.4 108.6

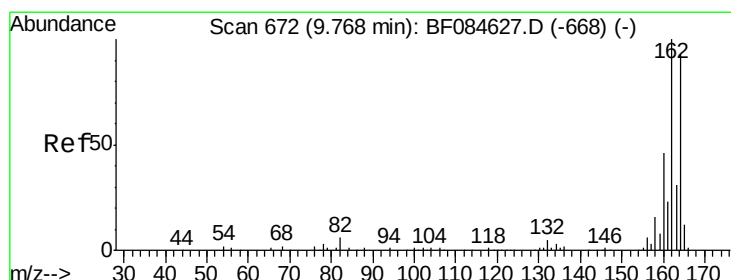
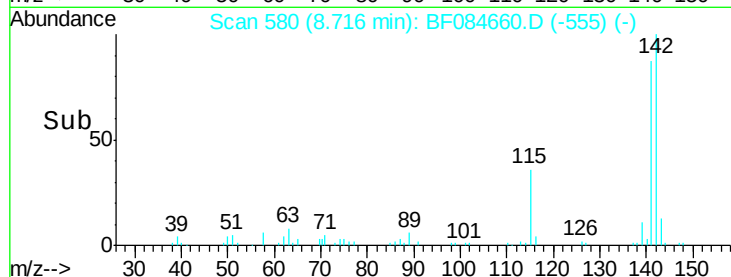
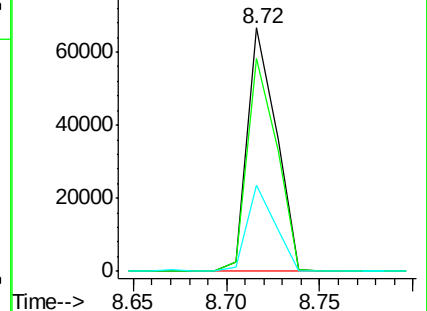
115 35.6 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084660.D

Acq: 30 Jan 2016 2:51

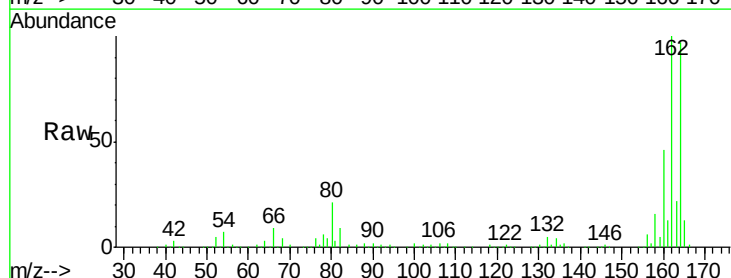
Tgt Ion:164 Resp: 358002

Ion Ratio Lower Upper

164 100

162 102.8 85.1 127.7

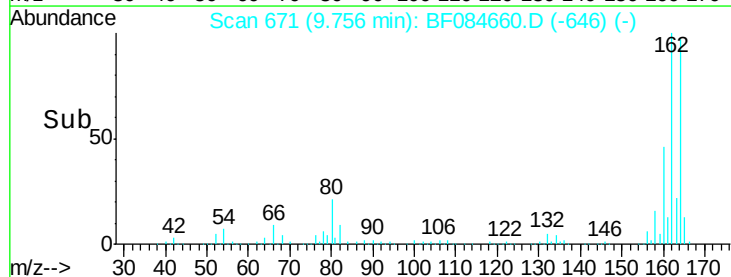
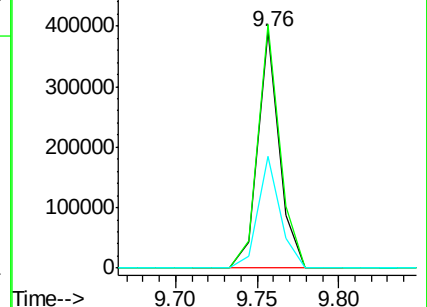
160 47.3 37.5 56.3

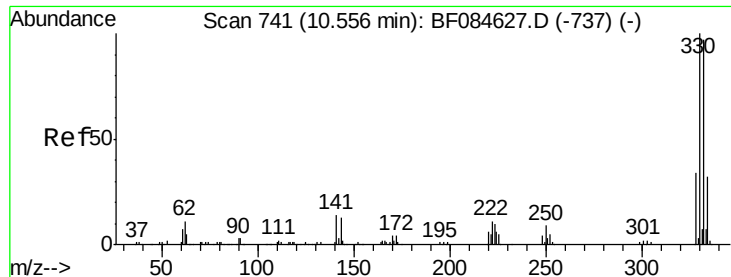


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

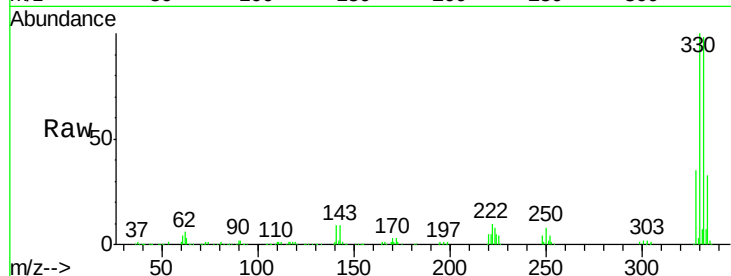




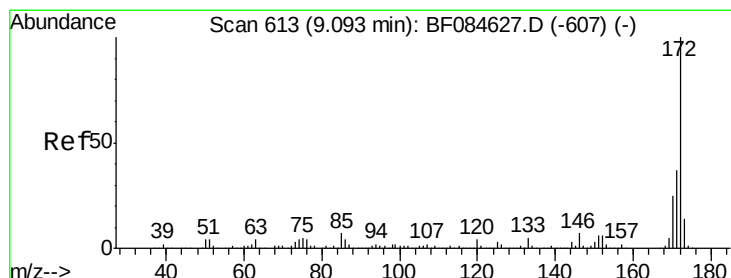
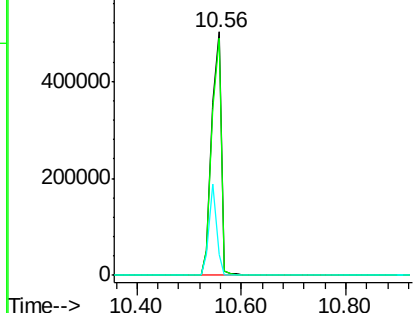
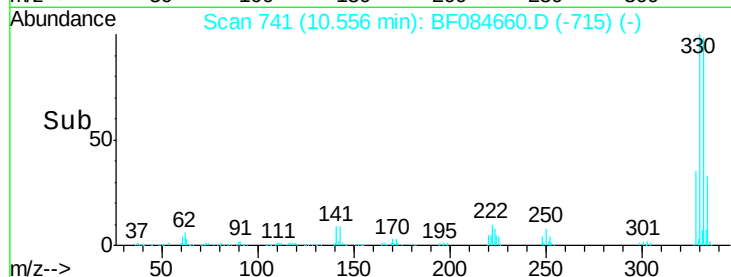
#41
 2,4,6-Tribromophenol
 Concen: 170.81 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084660.D
 Acq: 30 Jan 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B029(6-6.5)

Tgt Ion:330 Resp: 640901
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 30.4 27.8 41.6

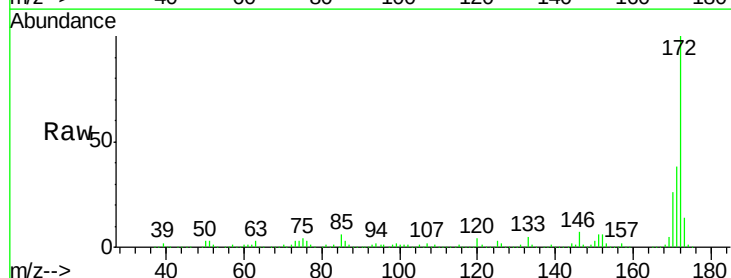


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

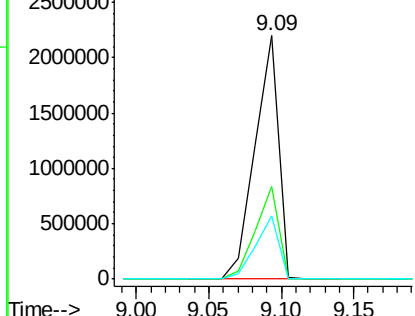
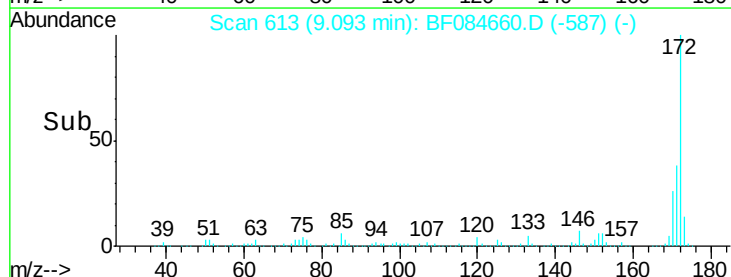


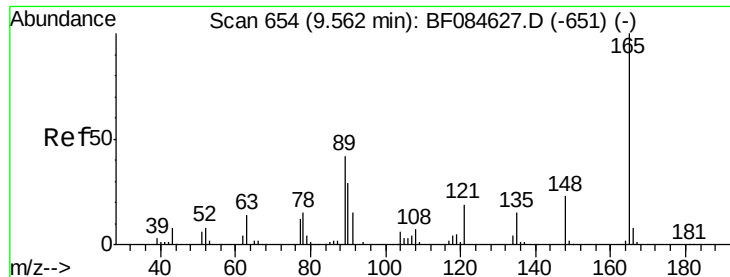
#44
 2-Fluorobiphenyl
 Concen: 103.07 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084660.D
 Acq: 30 Jan 2016 2:51

Tgt Ion:172 Resp: 2482456
 Ion Ratio Lower Upper
 172 100
 171 37.9 28.9 43.3
 170 26.0 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

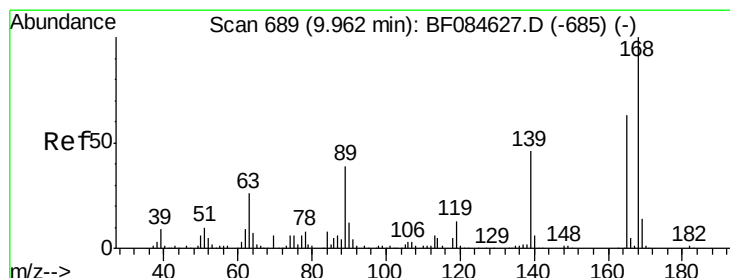
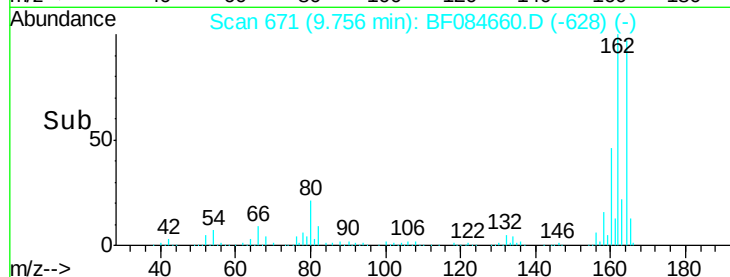
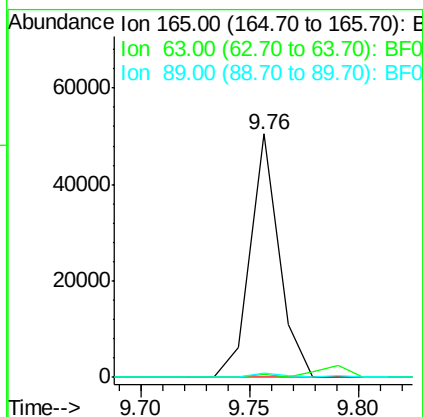
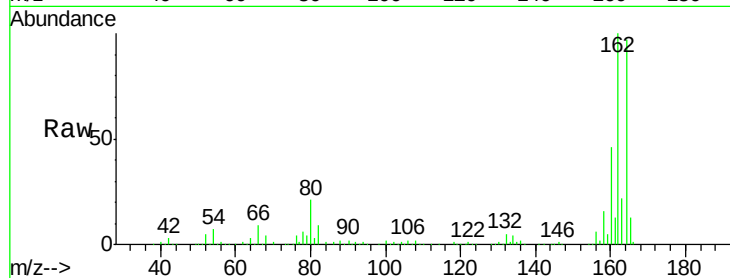




#50
 2,6-Dinitrotoluene
 Concen: 7.85 ng
 RT: 9.76 min Scan# 671
 Delta R.T. 0.19 min
 Lab File: BF084660.D
 Acq: 30 Jan 2016 2:51

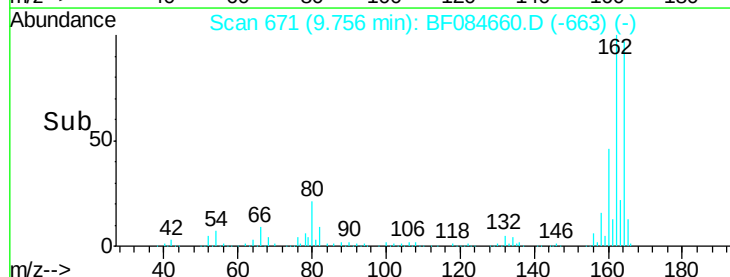
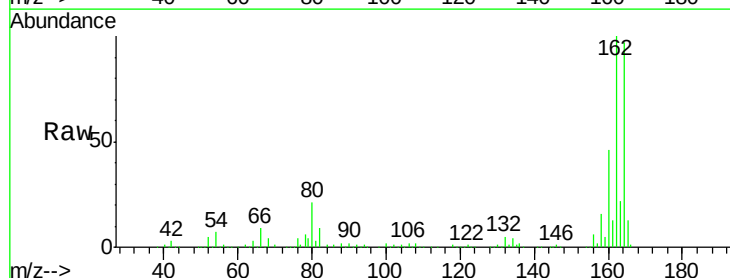
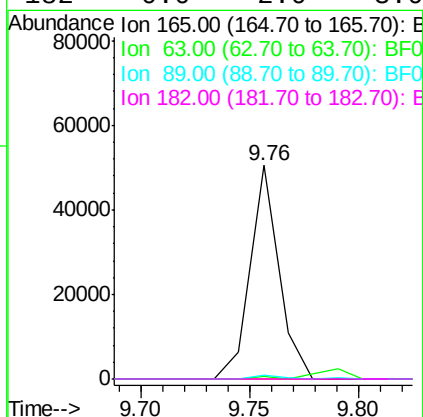
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B029(6-6.5)

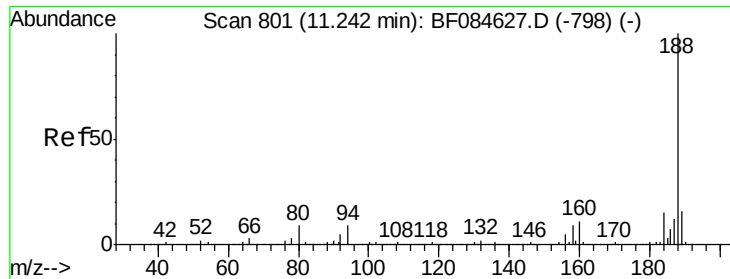
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	28.8	43.2#
89	1.8	35.1	52.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.04 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.21 min
 Lab File: BF084660.D
 Acq: 30 Jan 2016 2:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.7	55.1#
89	1.8	61.9	92.9#
182	0.0	2.0	3.0#

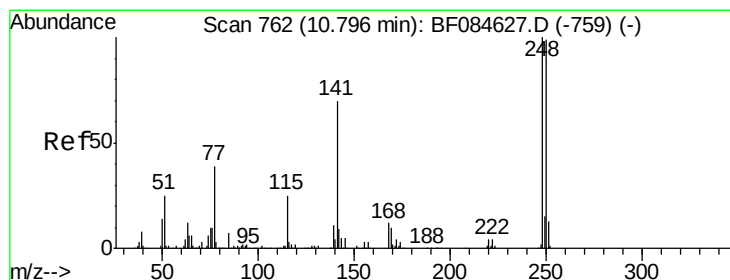
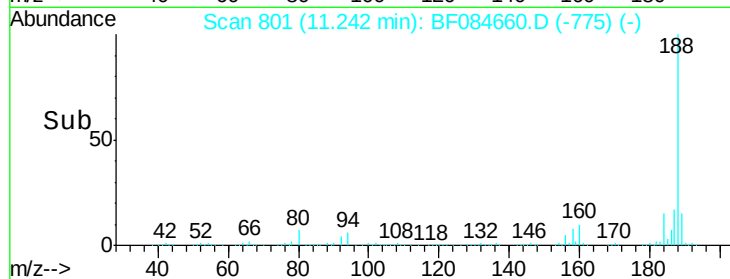
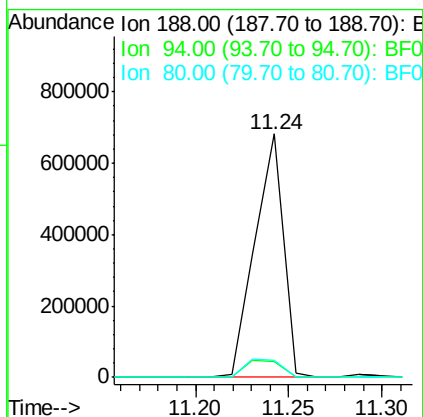
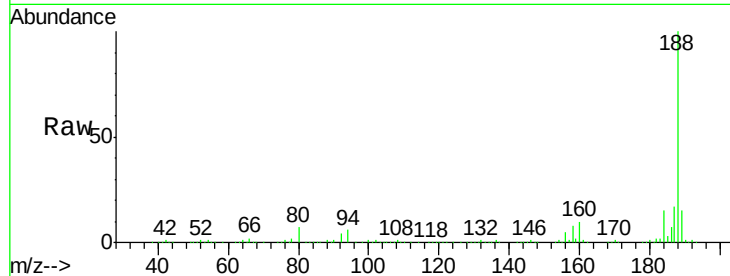




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF084660.D
 Acq: 30 Jan 2016 2:51

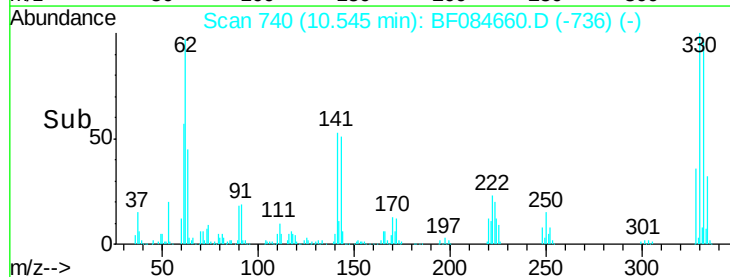
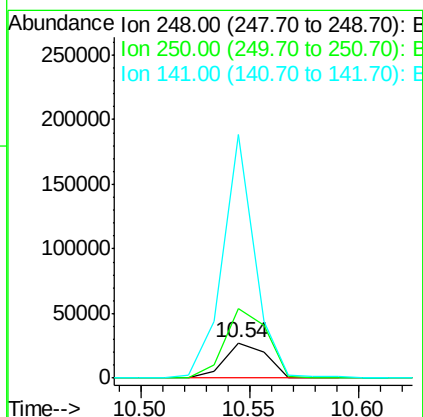
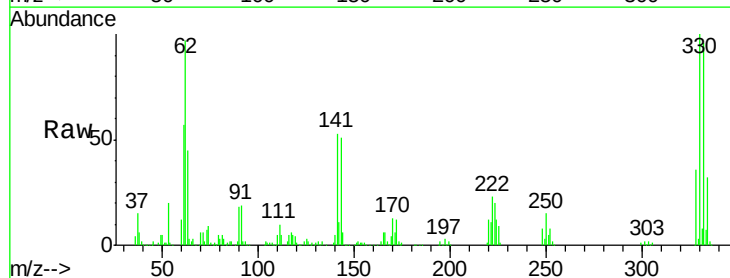
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B029(6-6.5)

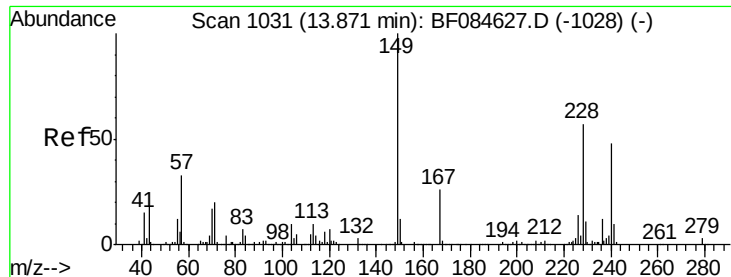
Tgt Ion:188 Resp: 721235
 Ion Ratio Lower Upper
 188 100
 94 6.5 9.0 13.4#
 80 6.8 9.6 14.4#



#66
 4-Bromophenyl-phenylether
 Concen: 4.49 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.25 min
 Lab File: BF084660.D
 Acq: 30 Jan 2016 2:51

Tgt Ion:248 Resp: 36487
 Ion Ratio Lower Upper
 248 100
 250 196.4 78.4 117.6#
 141 690.5 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084660.D

Acq: 30 Jan 2016 2:51

Instrument :

BNA_F

ClientSampleId :

SUP-B029(6-6.5)

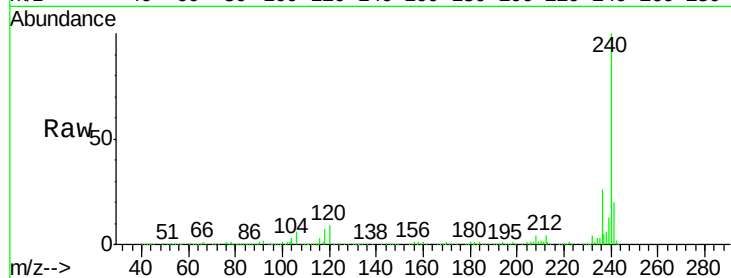
Tgt Ion:240 Resp: 654703

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

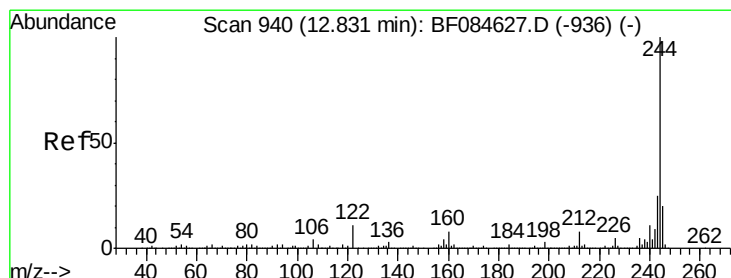
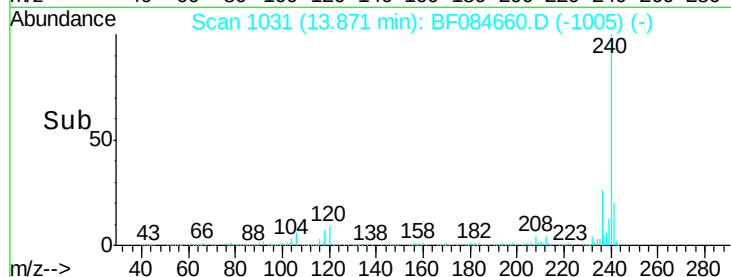
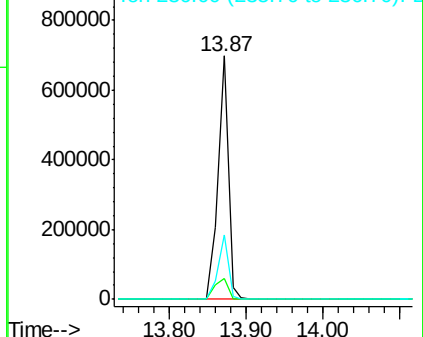
236 26.2 20.6 31.0



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: 76.29 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084660.D

Acq: 30 Jan 2016 2:51

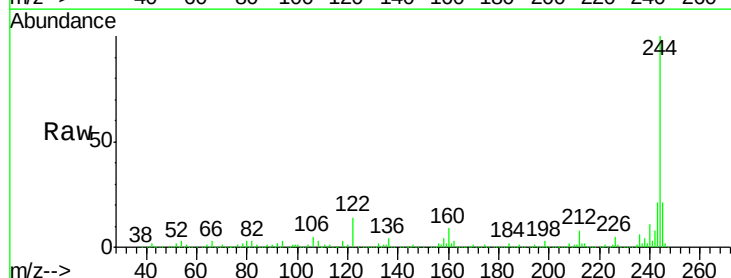
Tgt Ion:244 Resp: 2211455

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

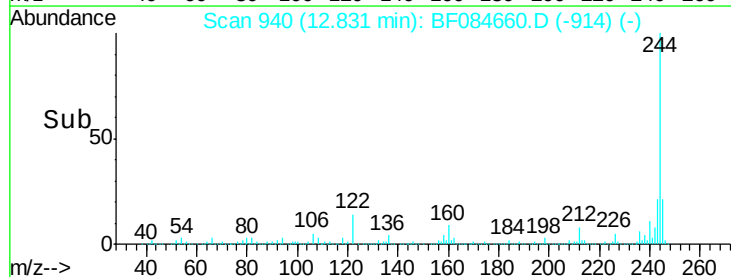
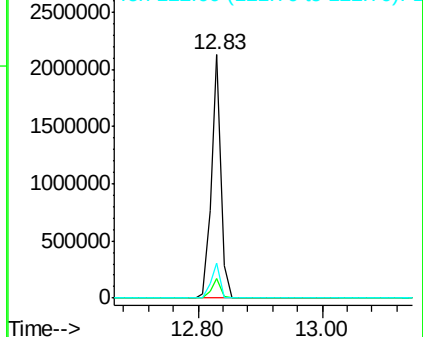
122 14.2 7.4 11.0#

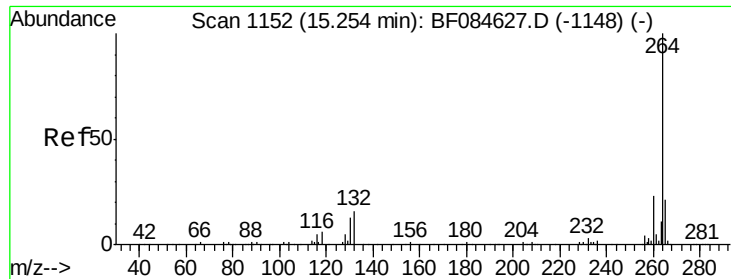


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

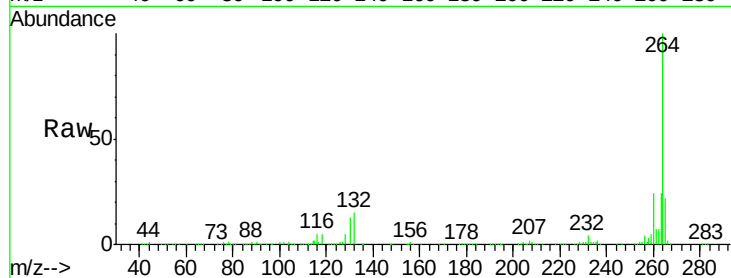




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084660.D
Acq: 30 Jan 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SUP-B029(6-6.5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.5	17.8	26.6



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

