

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084650.D
 Acq On : 29 Jan 2016 22:14
 Operator : SJ/IZ
 Sample : H1273-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B009(45-48)

Quant Time: Jan 29 23:09:48 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

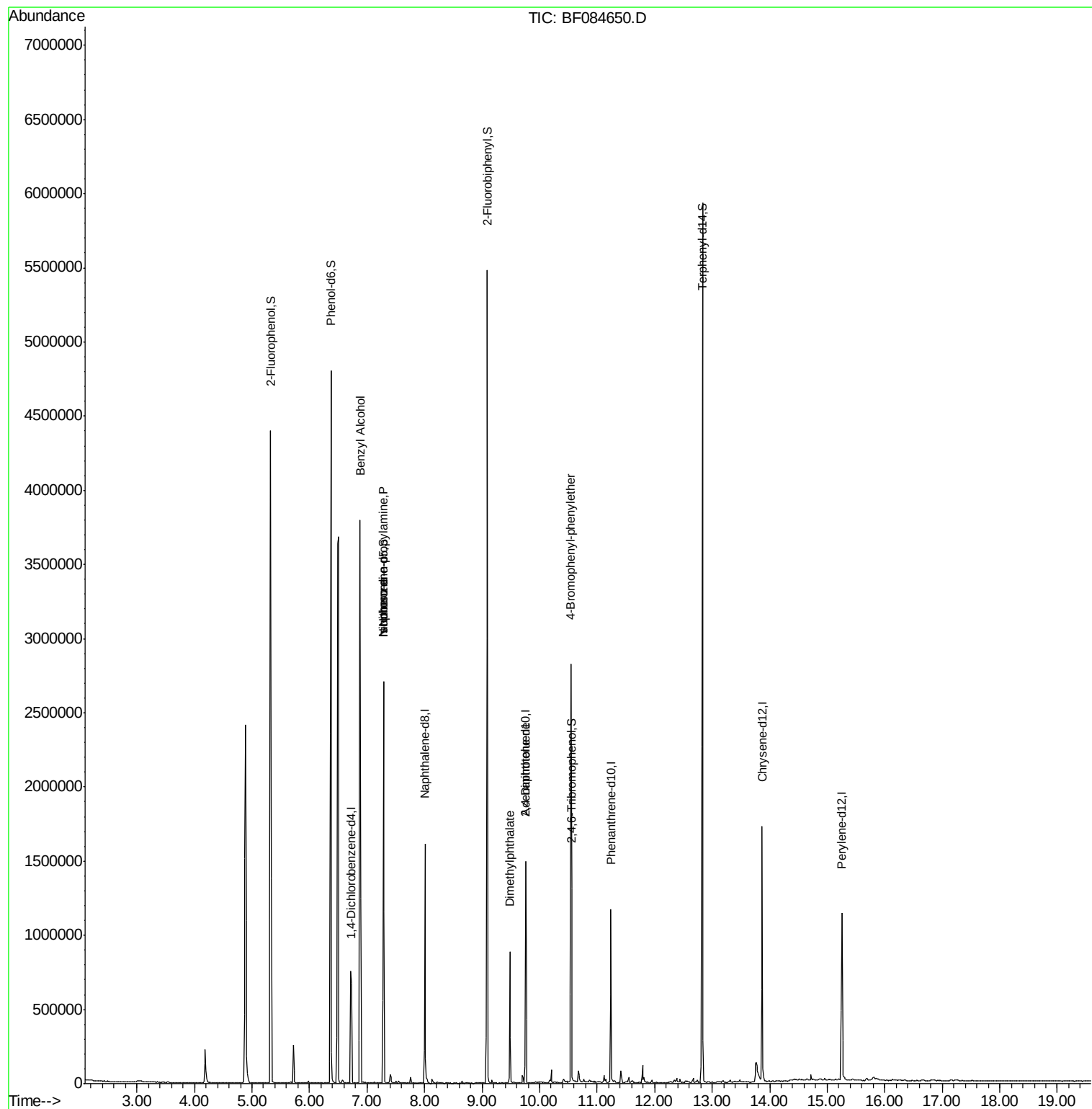
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	159878	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	679534	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	295066	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	496699	20.00	ng	0.00
75) Chrysene-d12	13.87	240	603398	20.00	ng	0.00
86) Perylene-d12	15.25	264	500194	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1351622	127.61	ng	0.01
7) Phenol-d6	6.37	99	1724319	135.83	ng	0.00
23) Nitrobenzene-d5	7.29	82	1022155	84.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	422849	136.73	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1979971	99.74	ng	0.00
78) Terphenyl-d14	12.83	244	1861075	69.66	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.88	79	19541	2.26	ng	# 51
19) n-Nitroso-di-n-propylamine	7.29	70	133787	17.25	ng	# 68
25) Isophorone	7.29	82	891013	39.11	ng	# 66
49) Dimethylphthalate	9.48	163	372483	16.82	ng	# 90
56) 2,4-Dinitrotoluene	9.76	165	37740	5.96	ng	# 22
66) 4-Bromophenyl-phenylether	10.54	248	26552	4.75	ng	# 1

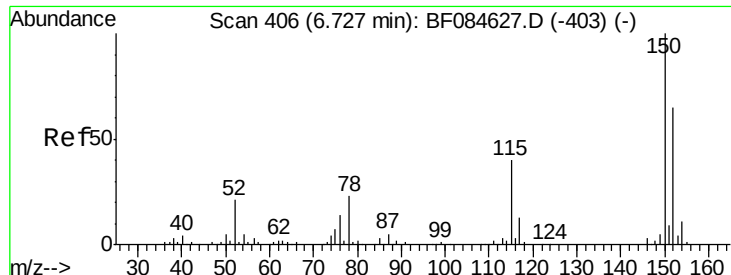
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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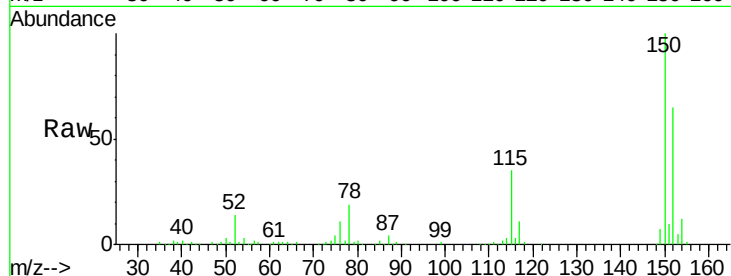




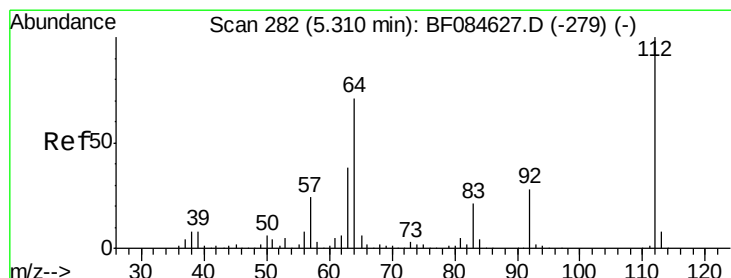
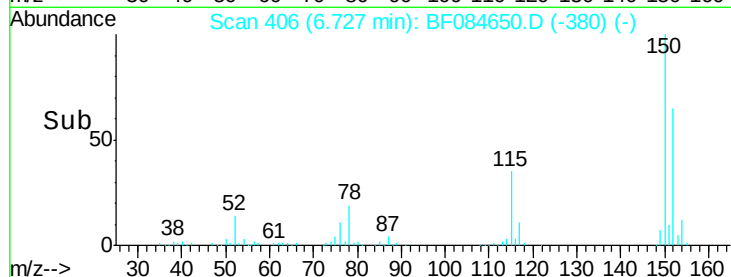
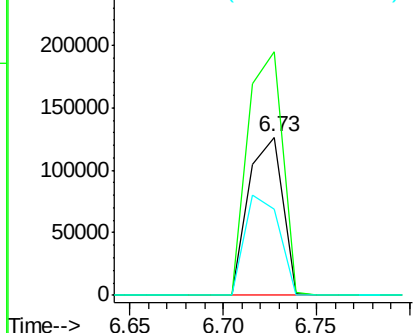
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.00 min
 Lab File: BF084650.D
 Acq: 29 Jan 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B009(45-48)

Tgt Ion:152 Resp: 159878
 Ion Ratio Lower Upper
 152 100
 150 153.7 123.0 184.4
 115 54.2 51.4 77.2

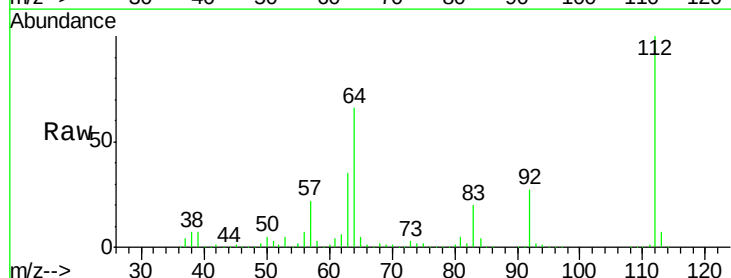


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

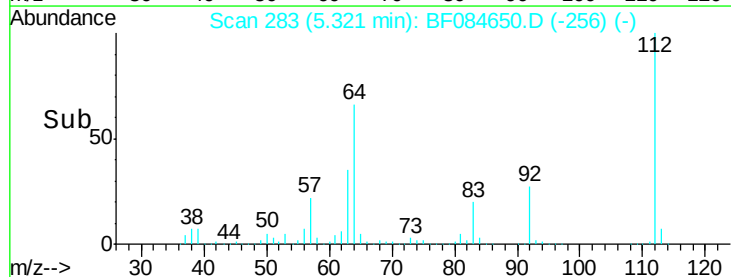
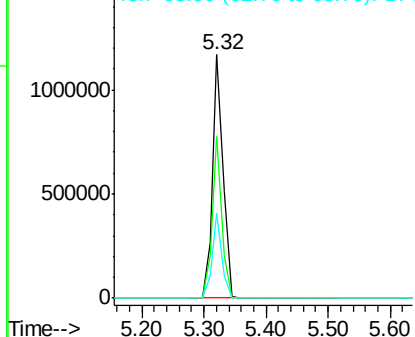


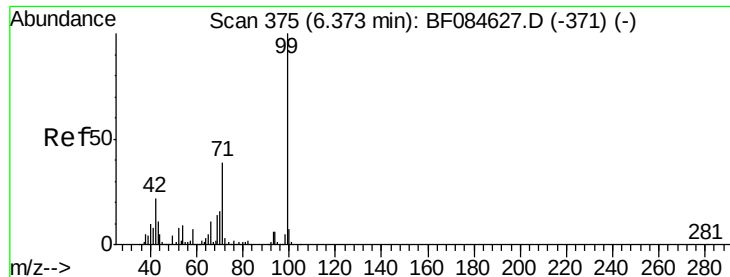
#5
 2-Fluorophenol
 Concen: 127.61 ng
 RT: 5.32 min Scan# 283
 Delta R.T. 0.01 min
 Lab File: BF084650.D
 Acq: 29 Jan 2016 22:14

Tgt Ion:112 Resp: 1351622
 Ion Ratio Lower Upper
 112 100
 64 66.3 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: 135.83 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084650.D

Acq: 29 Jan 2016 22:14

Instrument :

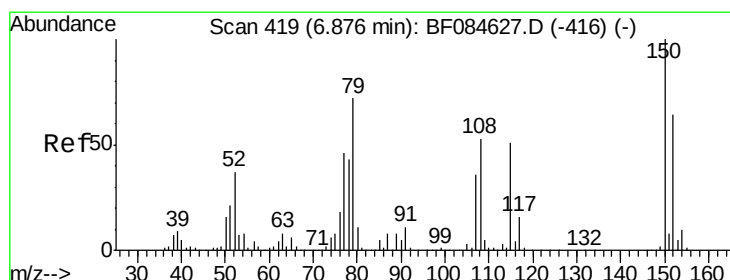
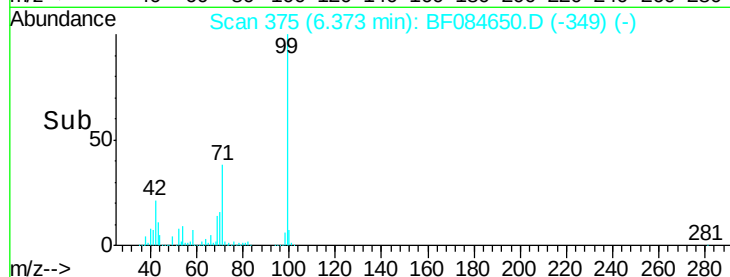
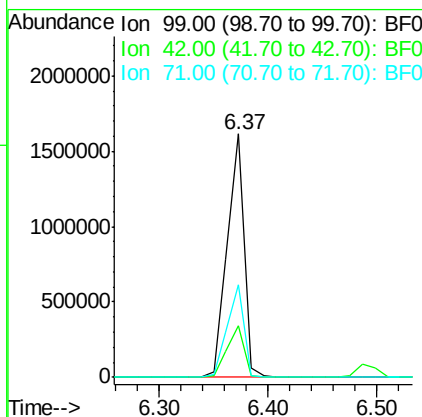
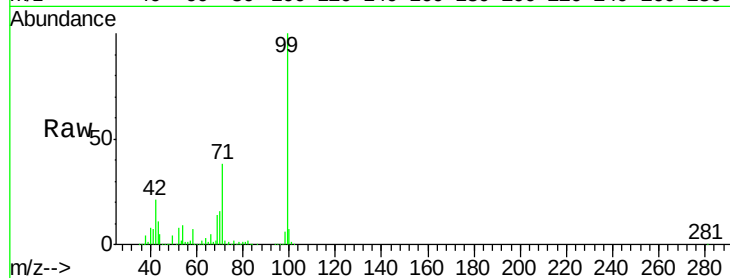
BNA_F

ClientSampleId :

SUP-B009(45-48)

Tgt Ion: 99 Resp: 1724319

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



#15

Benzyl Alcohol

Concen: 2.26 ng

RT: 6.88 min Scan# 419

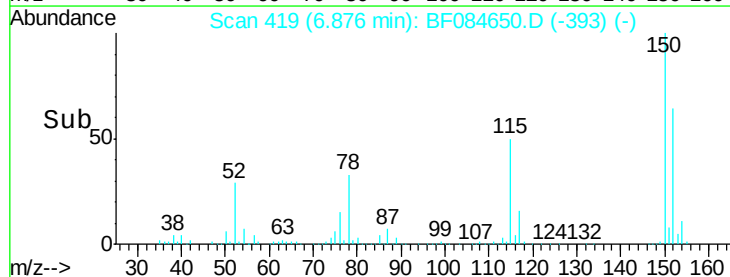
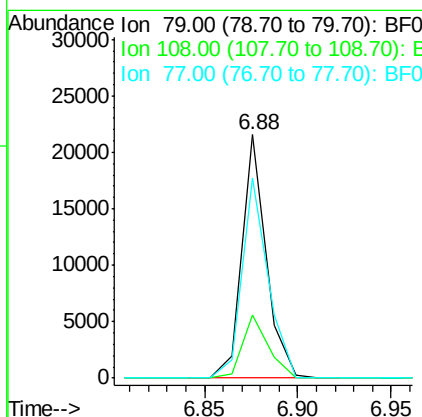
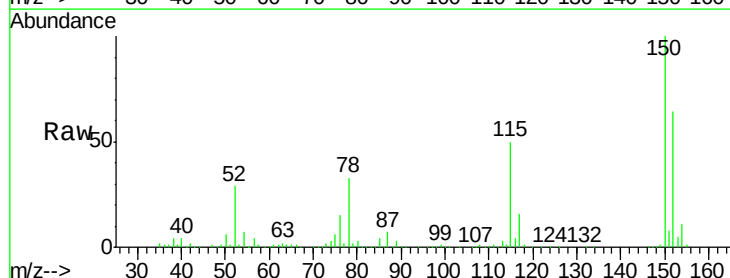
Delta R.T. -0.00 min

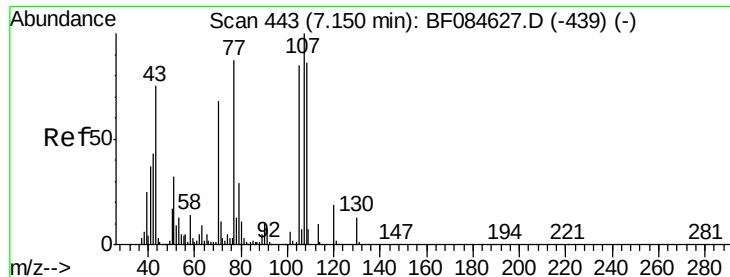
Lab File: BF084650.D

Acq: 29 Jan 2016 22:14

Tgt Ion: 79 Resp: 19541

Ion	Ratio	Lower	Upper
79	100		
108	25.8	69.0	103.4#
77	82.0	50.0	75.0#





#19

n-Nitroso-di-n-propylamine

Concen: 17.25 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF084650.D

Acq: 29 Jan 2016 22:14

Instrument :

BNA_F

ClientSampleId :

SUP-B009(45-48)

Tgt Ion: 70 Resp: 133787

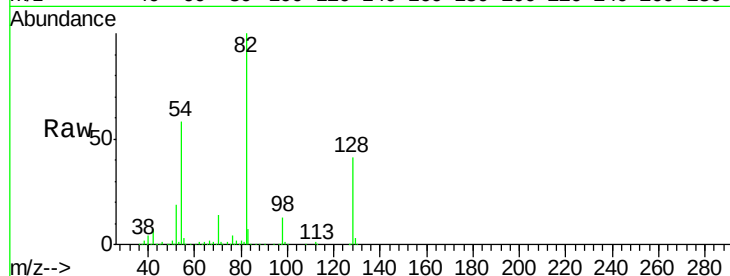
Ion Ratio Lower Upper

70 100

42 53.0 33.3 49.9#

101 0.0 9.3 13.9#

130 1.8 23.4 35.0#

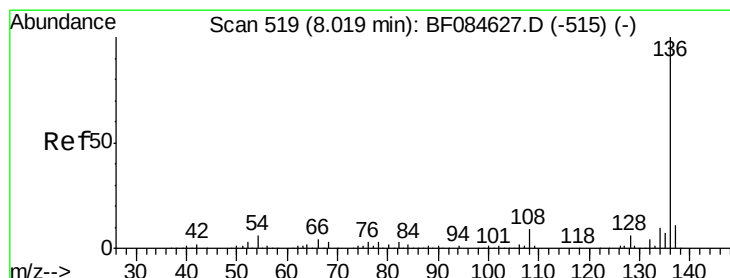
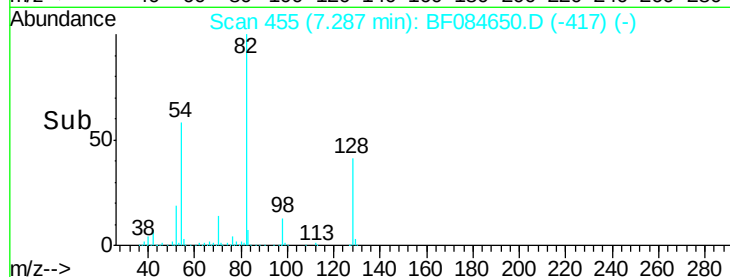
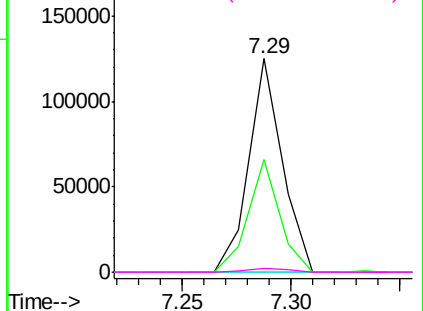


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF084650.D

Acq: 29 Jan 2016 22:14

Tgt Ion: 136 Resp: 679534

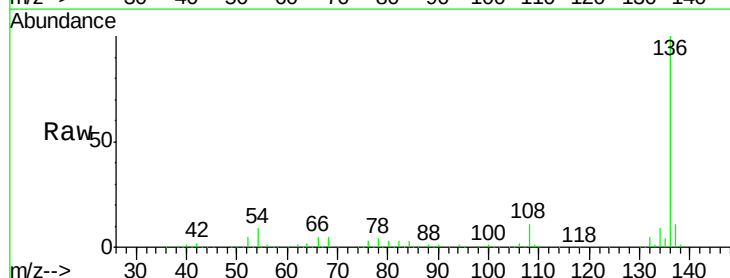
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.0 5.8 8.8#

68 4.8 4.2 6.2

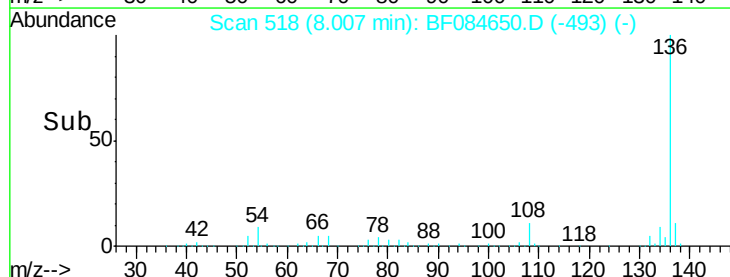
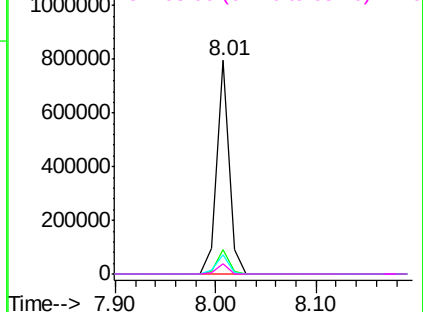


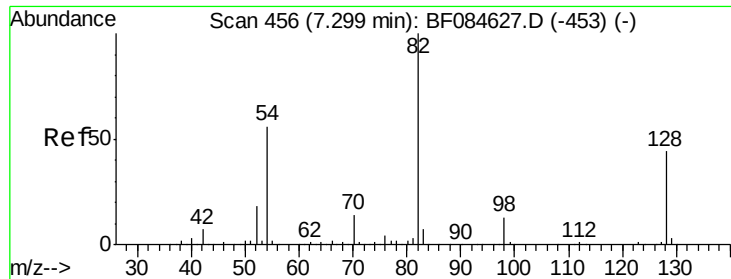
Abundance Ion 136.00 (135.70 to 136.70): E

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

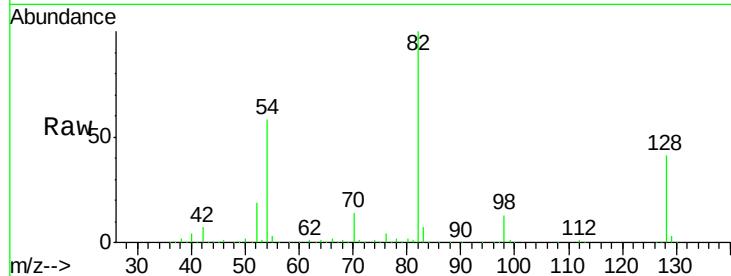




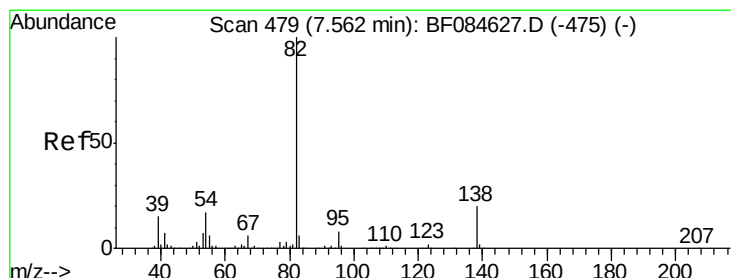
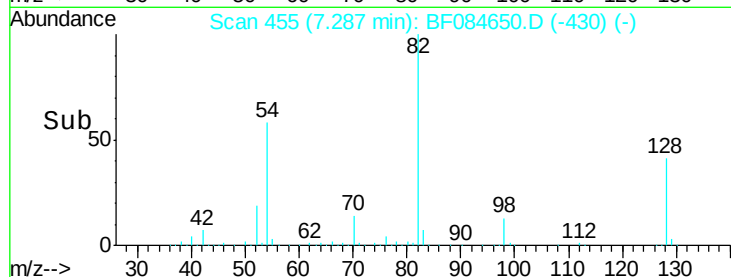
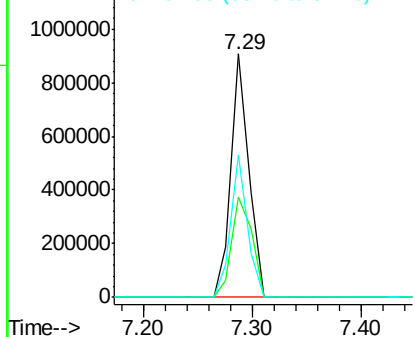
#23
 Nitrobenzene-d5
 Concen: 84.06 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF084650.D
 Acq: 29 Jan 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B009(45-48)

Tgt Ion: 82 Resp: 1022155
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 51.8
 54 58.5 38.4 57.6#

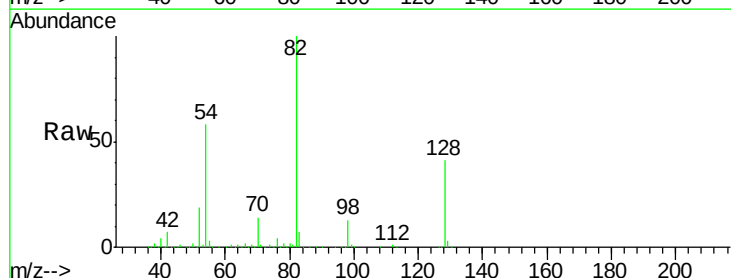


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

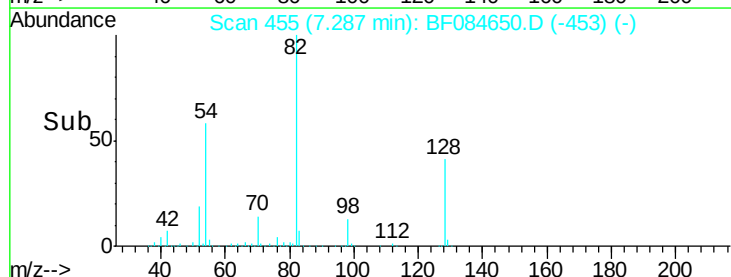
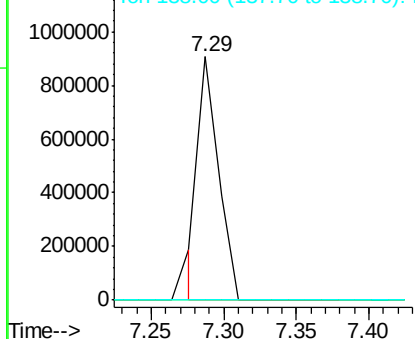


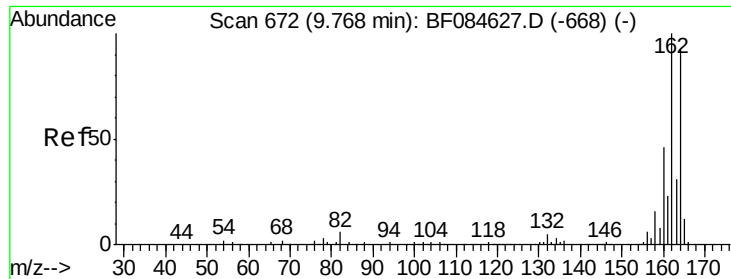
#25
 Isophorone
 Concen: 39.11 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.27 min
 Lab File: BF084650.D
 Acq: 29 Jan 2016 22:14

Tgt Ion: 82 Resp: 891013
 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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084650.D

Acq: 29 Jan 2016 22:14

Instrument :

BNA_F

ClientSampleId :

SUP-B009(45-48)

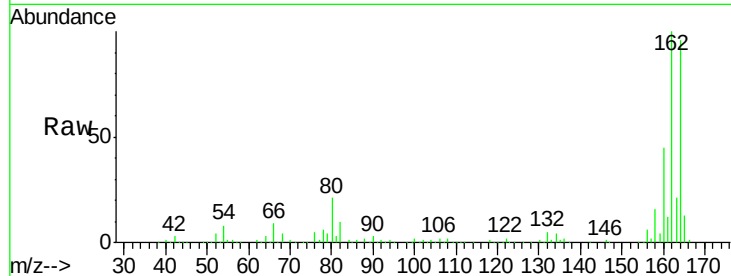
Tgt Ion:164 Resp: 295066

Ion Ratio Lower Upper

164 100

162 103.8 85.1 127.7

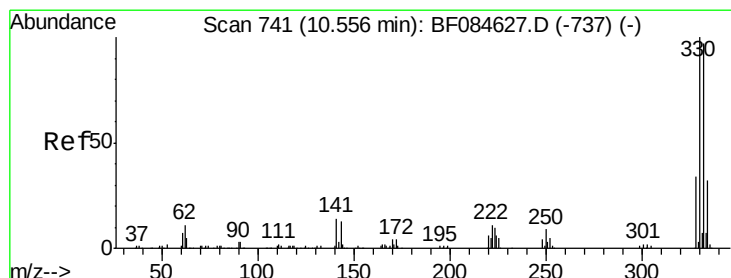
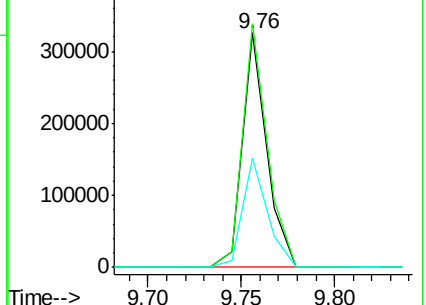
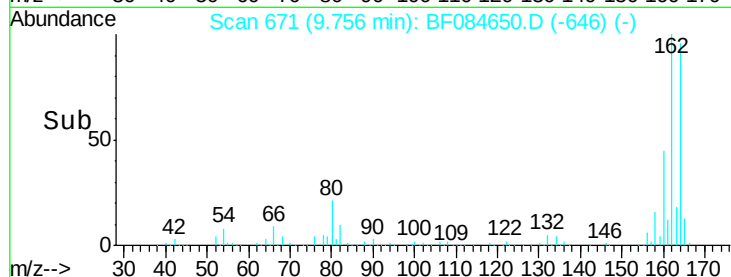
160 46.8 37.5 56.3



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: 136.73 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF084650.D

Acq: 29 Jan 2016 22:14

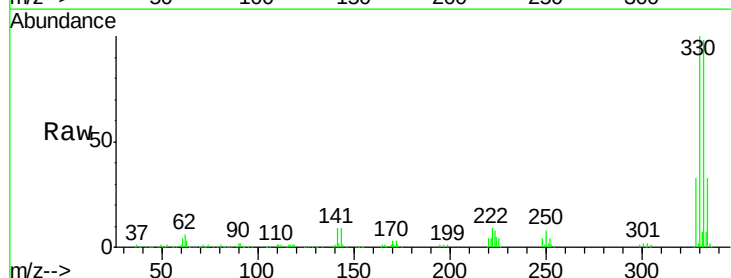
Tgt Ion:330 Resp: 422849

Ion Ratio Lower Upper

330 100

332 98.6 76.6 114.8

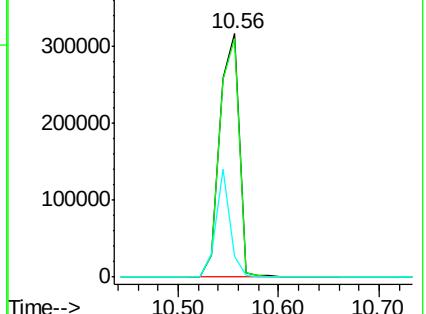
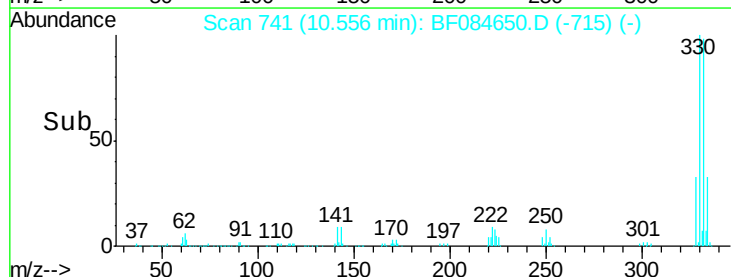
141 32.9 27.8 41.6

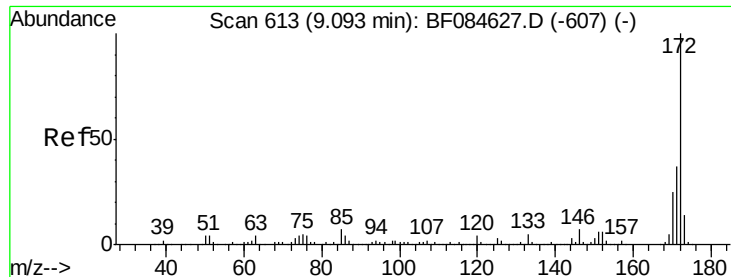


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

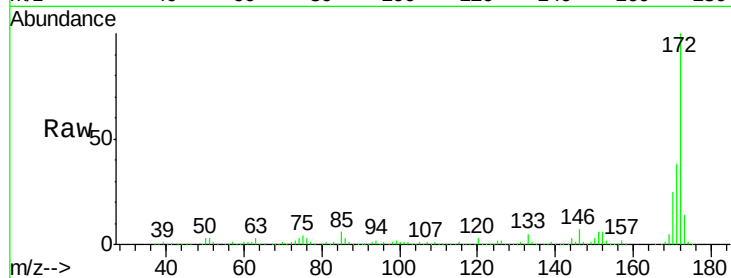




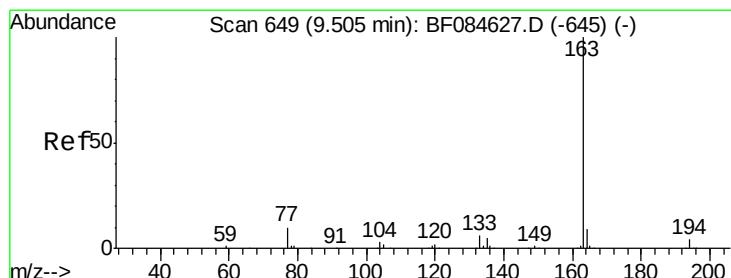
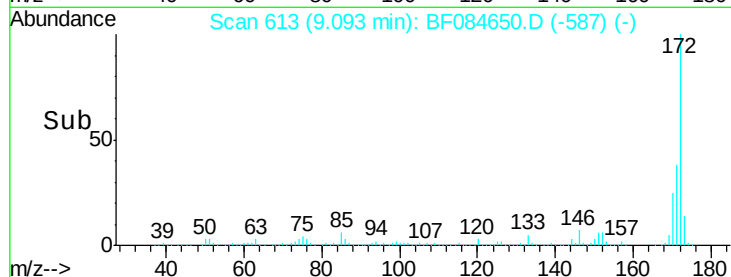
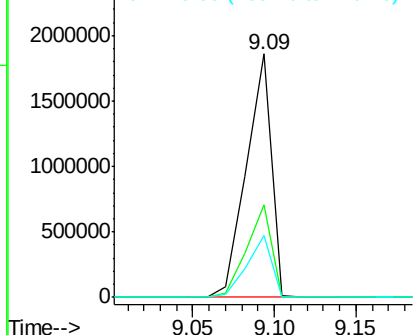
#44
2-Fluorobiphenyl
Concen: 99.74 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF084650.D
Acq: 29 Jan 2016 22:14

Instrument :
BNA_F
ClientSampleId :
SUP-B009(45-48)

Tgt Ion:172 Resp: 1979971
Ion Ratio Lower Upper
172 100
171 37.8 28.9 43.3
170 25.4 18.6 27.8

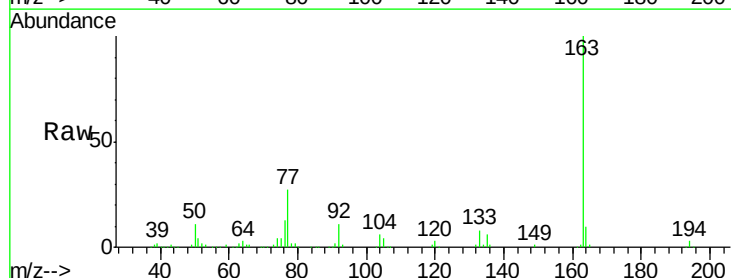


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

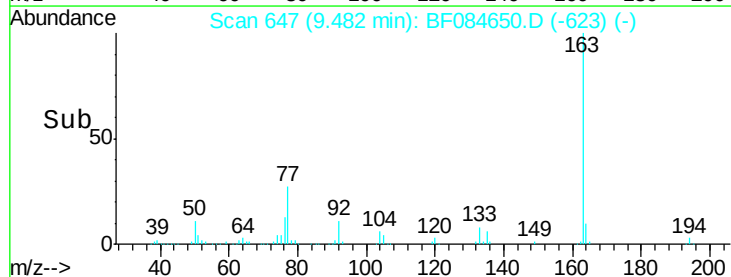
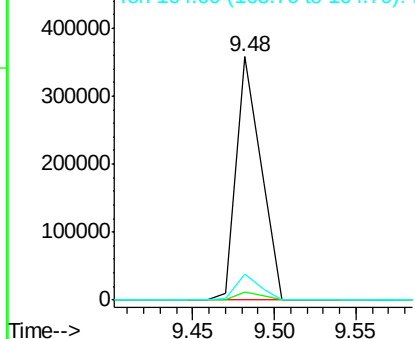


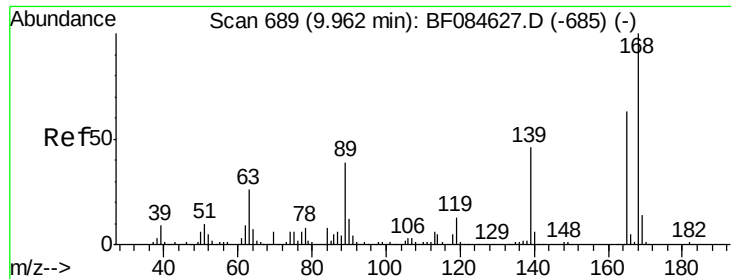
#49
Dimethylphthalate
Concen: 16.82 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084650.D
Acq: 29 Jan 2016 22:14

Tgt Ion:163 Resp: 372483
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 10.5 8.0 12.0



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: 5.96 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.21 min

Lab File: BF084650.D

Acq: 29 Jan 2016 22:14

Instrument :

BNA_F

ClientSampleId :

SUP-B009(45-48)

Tgt Ion:165 Resp: 37740

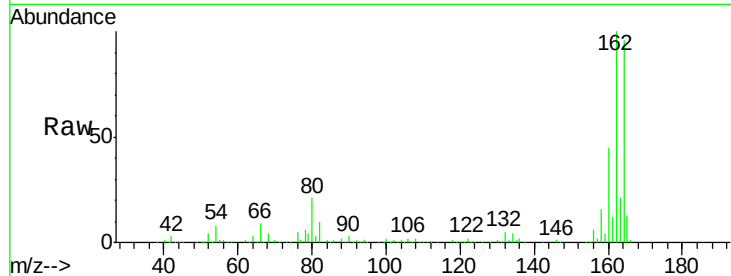
Ion Ratio Lower Upper

165 100

63 1.6 36.7 55.1#

89 1.9 61.9 92.9#

182 0.0 2.0 3.0#

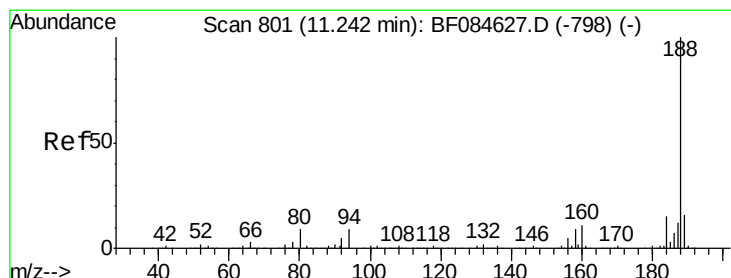
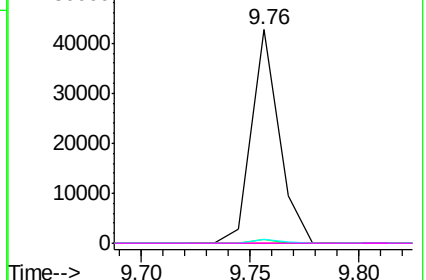
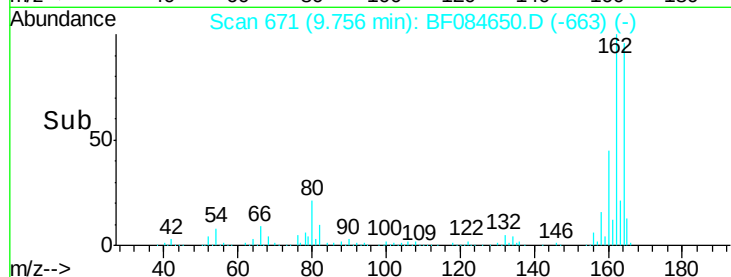


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.24 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF084650.D

Acq: 29 Jan 2016 22:14

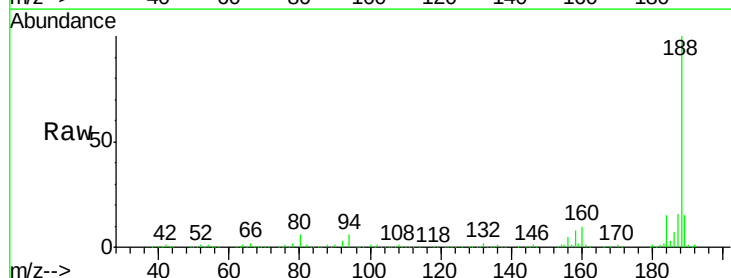
Tgt Ion:188 Resp: 496699

Ion Ratio Lower Upper

188 100

94 5.8 9.0 13.4#

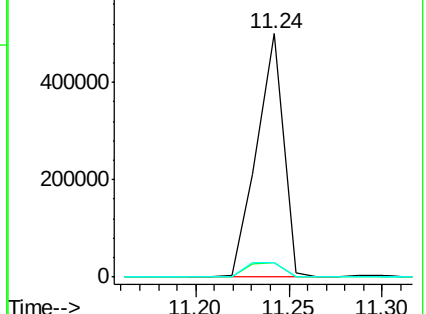
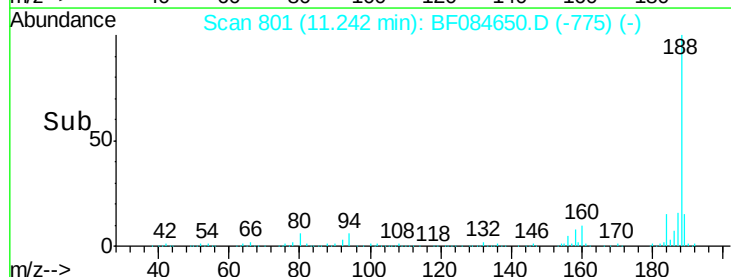
80 5.8 9.6 14.4#

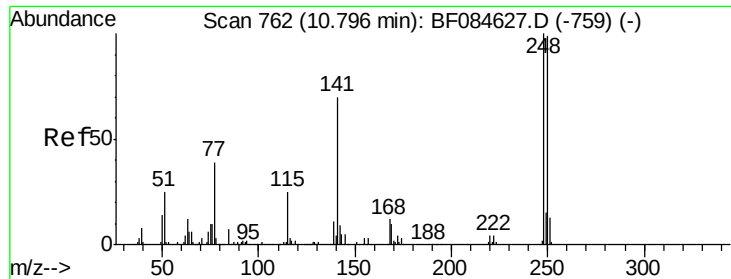


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.75 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.25 min

Lab File: BF084650.D

Acq: 29 Jan 2016 22:14

Instrument :

BNA_F

ClientSampleId :

SUP-B009(45-48)

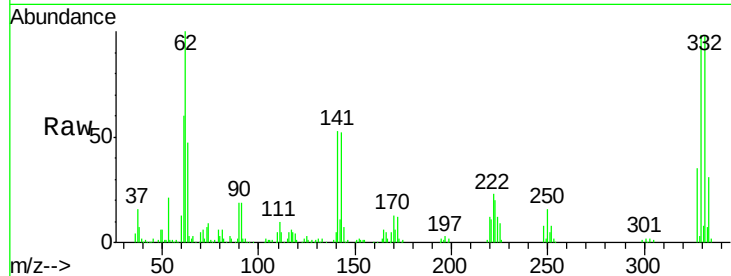
Tgt Ion:248 Resp: 26552

Ion Ratio Lower Upper

248 100

250 192.9 78.4 117.6#

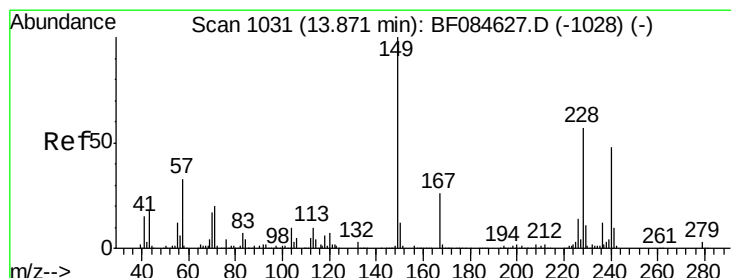
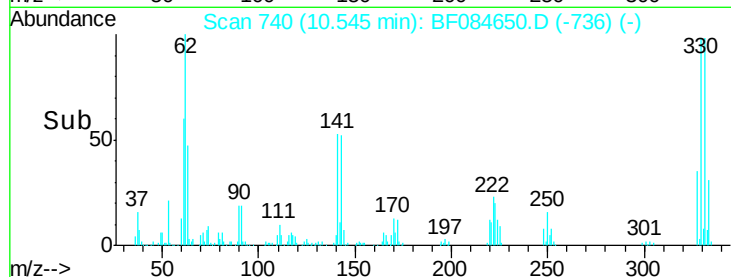
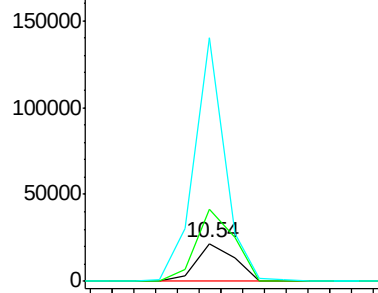
141 647.9 44.0 66.0#



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: BF084650.D

Acq: 29 Jan 2016 22:14

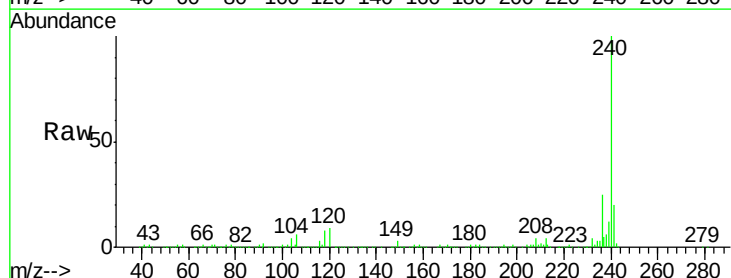
Tgt Ion:240 Resp: 603398

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

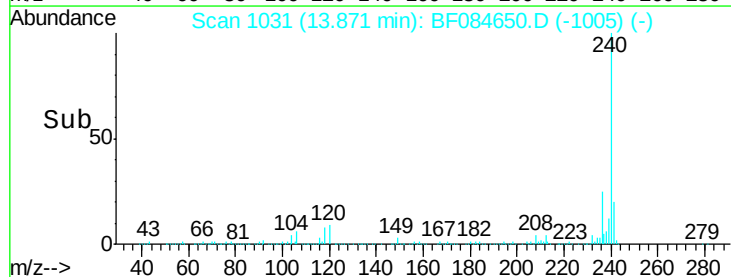
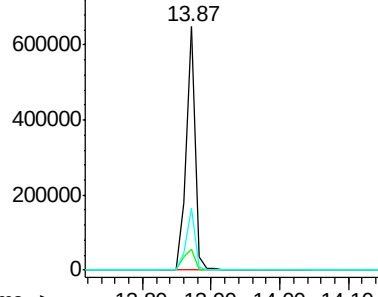
236 25.4 20.6 31.0

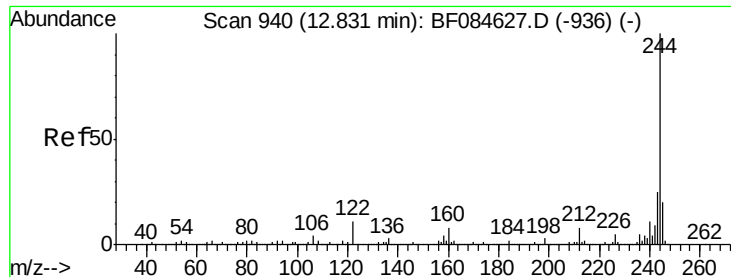


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.66 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084650.D

Acq: 29 Jan 2016 22:14

Instrument :

BNA_F

ClientSampleId :

SUP-B009(45-48)

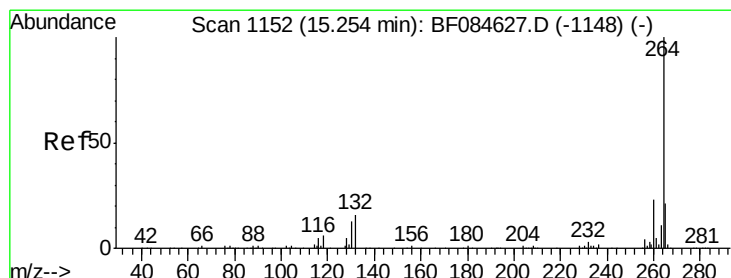
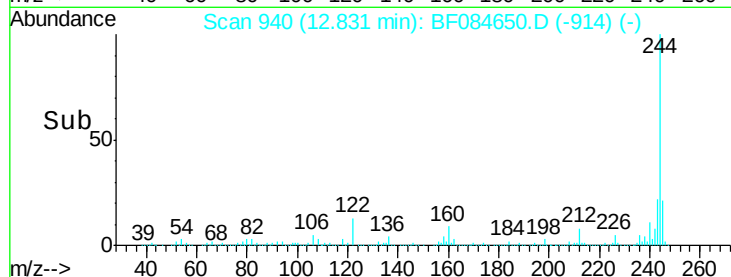
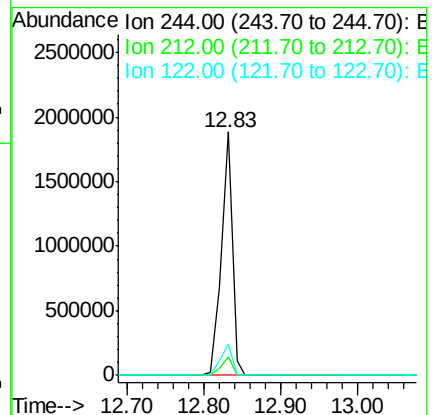
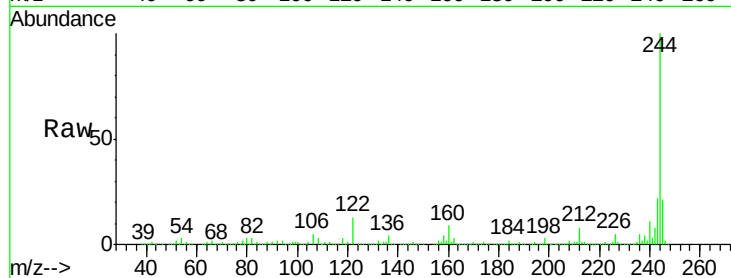
Tgt Ion:244 Resp: 1861075

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

122 12.9 7.4 11.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.25 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF084650.D

Acq: 29 Jan 2016 22:14

Tgt Ion:264 Resp: 500194

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.9 17.8 26.6

