

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084651.D
 Acq On : 29 Jan 2016 22:42
 Operator : SJ/IZ
 Sample : H1273-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B010(45-48)

Quant Time: Jan 30 00:21:09 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

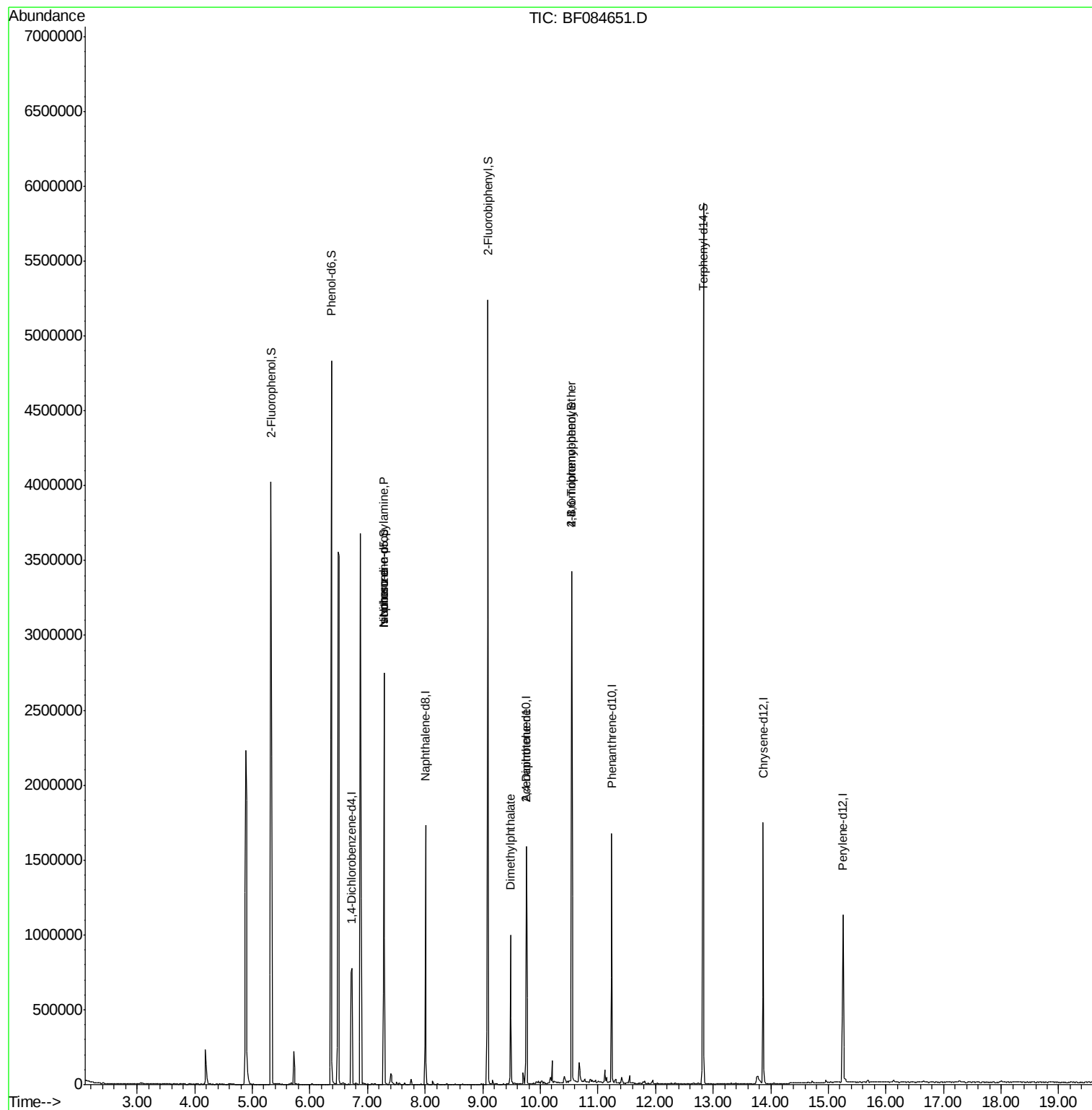
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	172647	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	723202	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	326670	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	667775	20.00	ng	0.00
75) Chrysene-d12	13.87	240	631424	20.00	ng	0.00
86) Perylene-d12	15.25	264	487660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1385016	121.09	ng	0.01
7) Phenol-d6	6.37	99	1716614	125.22	ng	0.00
23) Nitrobenzene-d5	7.29	82	1003141	77.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	470267	137.35	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1985907	90.36	ng	0.00
78) Terphenyl-d14	12.83	244	1866995	66.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	134250	16.03	ng	# 70
25) Isophorone	7.29	82	859428	35.45	ng	# 66
49) Dimethylphthalate	9.48	163	453072	18.48	ng	# 89
56) 2,4-Dinitrotoluene	9.76	165	42273	6.03	ng	# 22
66) 4-Bromophenyl-phenylether	10.54	248	26809	3.56	ng	# 1

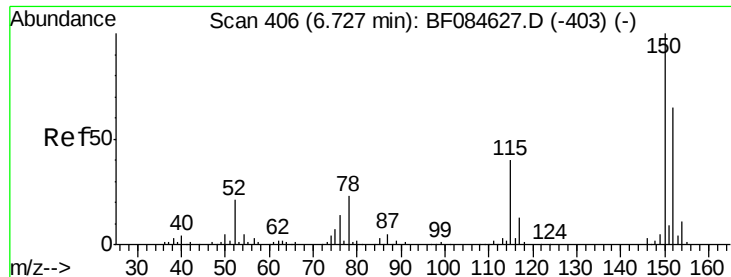
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084651.D

Acq: 29 Jan 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SUP-B010(45-48)

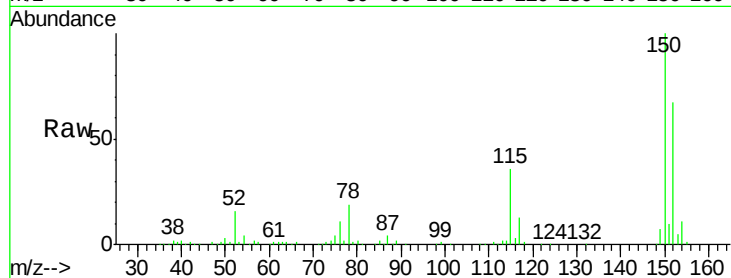
Tgt Ion:152 Resp: 172647

Ion Ratio Lower Upper

152 100

150 150.2 123.0 184.4

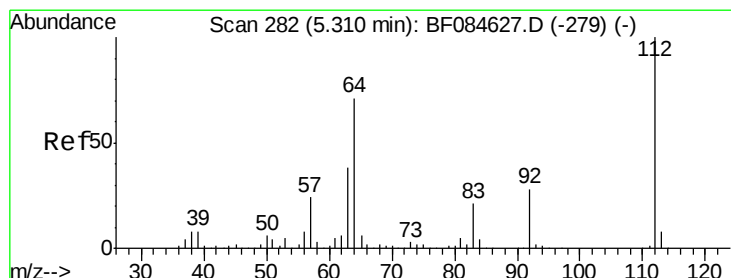
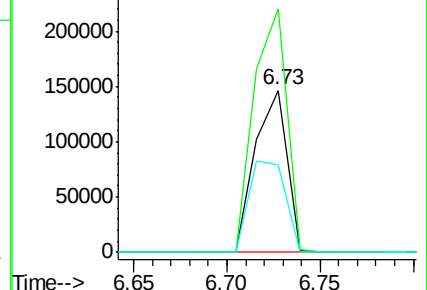
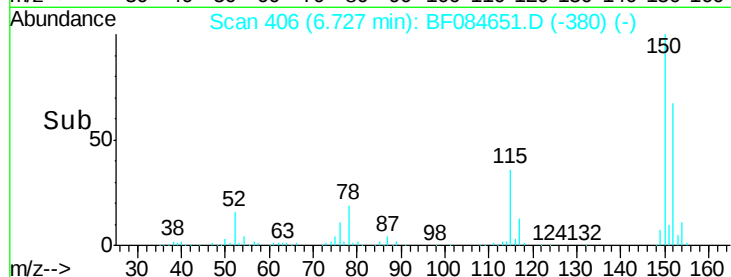
115 54.2 51.4 77.2



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: 121.09 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084651.D

Acq: 29 Jan 2016 22:42

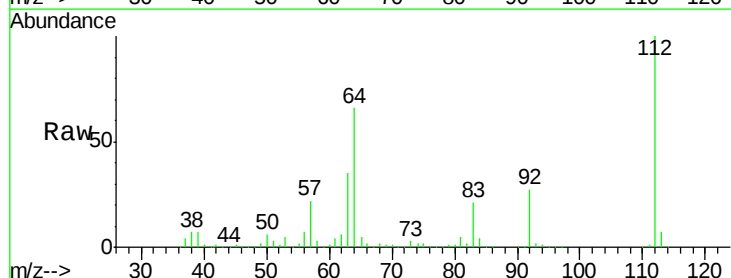
Tgt Ion:112 Resp: 1385016

Ion Ratio Lower Upper

112 100

64 65.7 36.6 55.0#

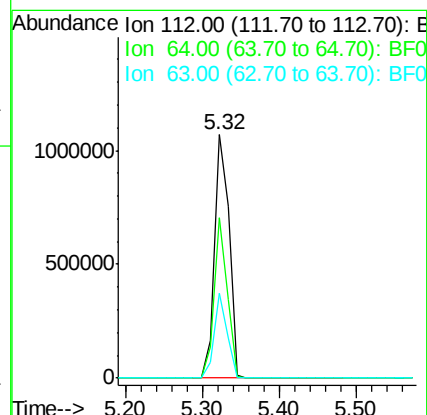
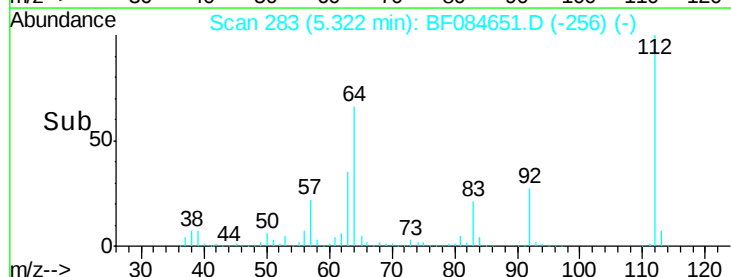
63 34.7 19.4 29.0#

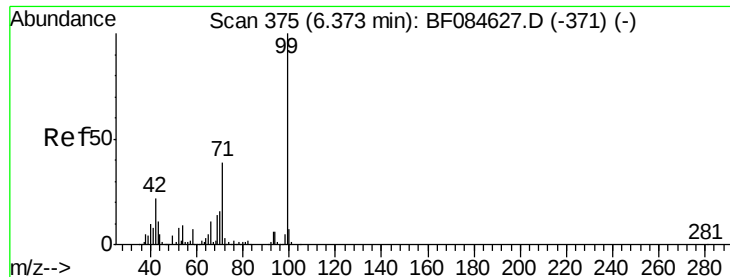


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.22 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084651.D

Acq: 29 Jan 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SUP-B010(45-48)

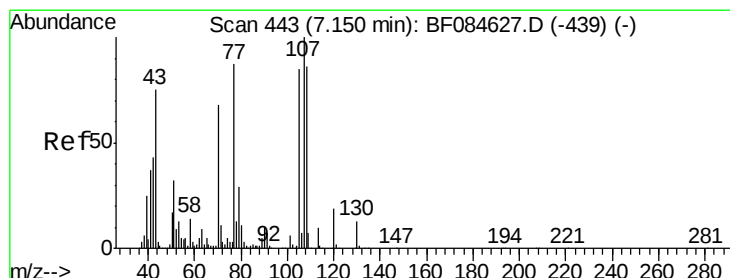
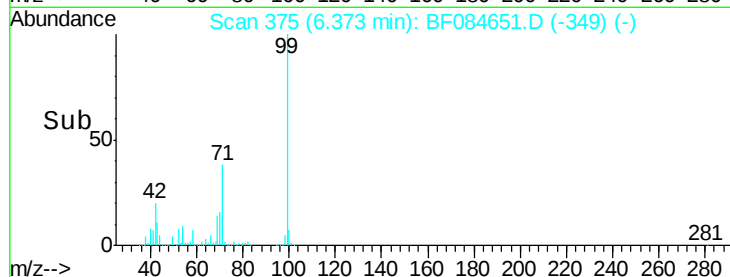
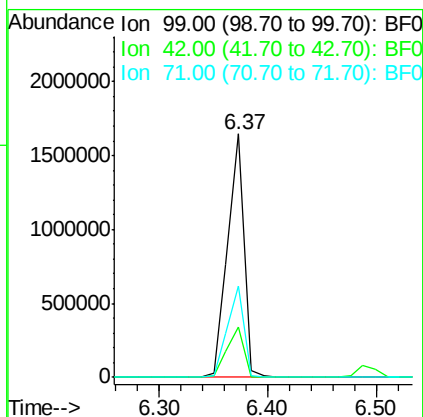
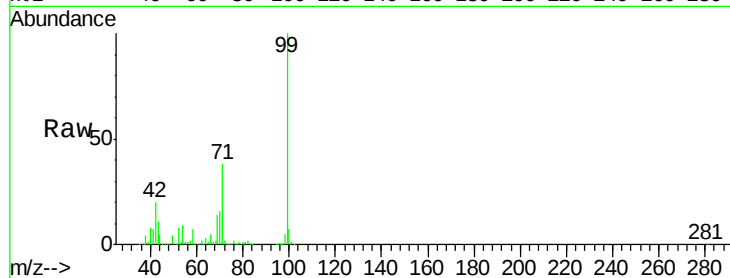
Tgt Ion: 99 Resp: 1716614

Ion Ratio Lower Upper

99 100

42 20.4 12.8 19.2#

71 37.6 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.03 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF084651.D

Acq: 29 Jan 2016 22:42

Tgt Ion: 70 Resp: 134250

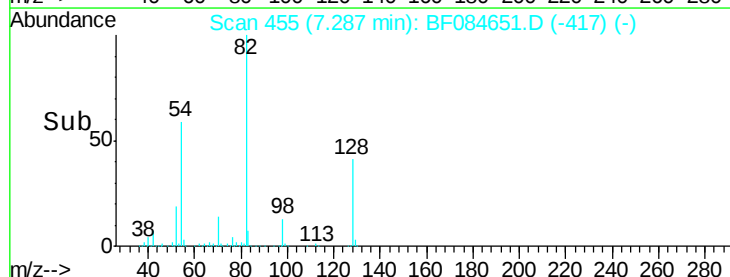
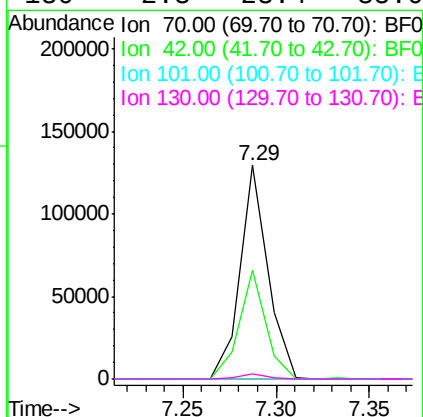
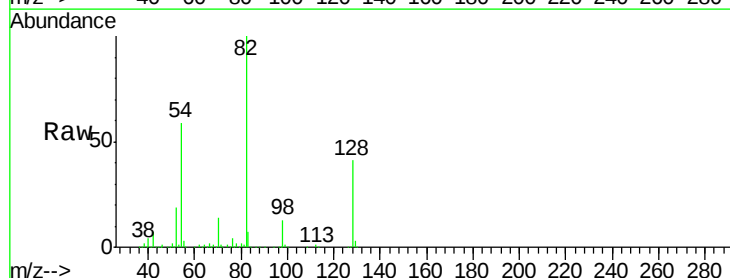
Ion Ratio Lower Upper

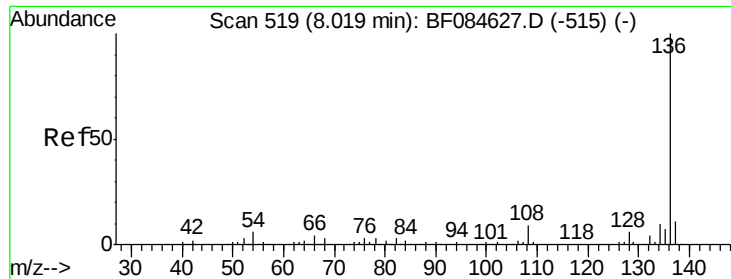
70 100

42 51.1 33.3 49.9#

101 0.0 9.3 13.9#

130 2.3 23.4 35.0#

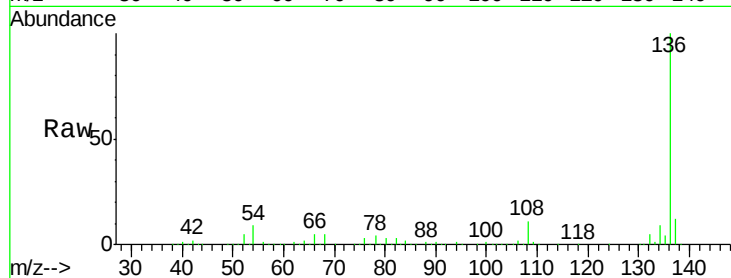




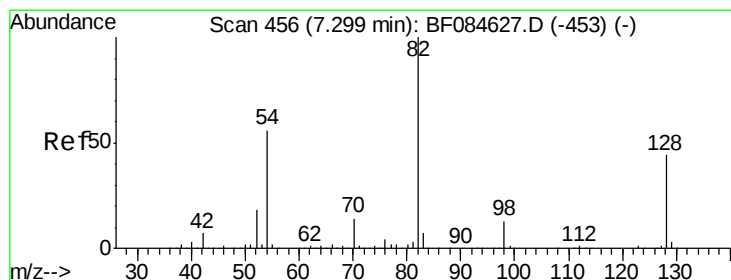
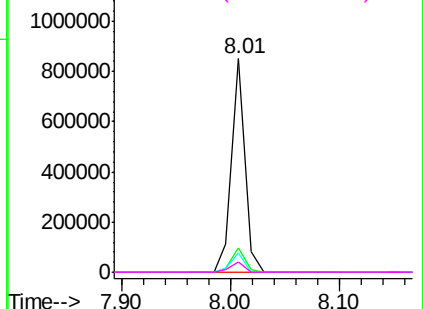
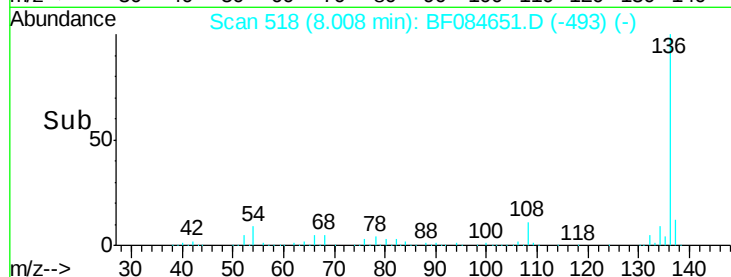
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084651.D
Acq: 29 Jan 2016 22:42

Instrument :
BNA_F
ClientSampleId :
SUP-B010(45-48)

Tgt Ion:	136	Resp:	723202
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	8.9	5.8	8.8#
68	5.0	4.2	6.2

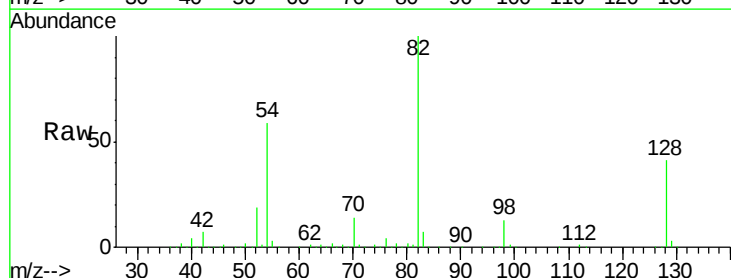


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

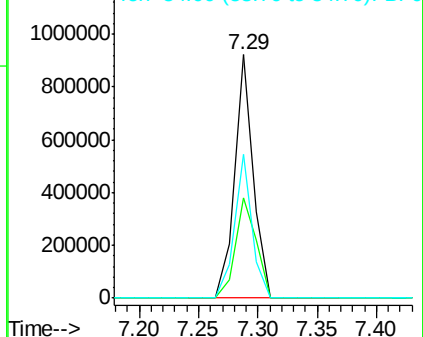
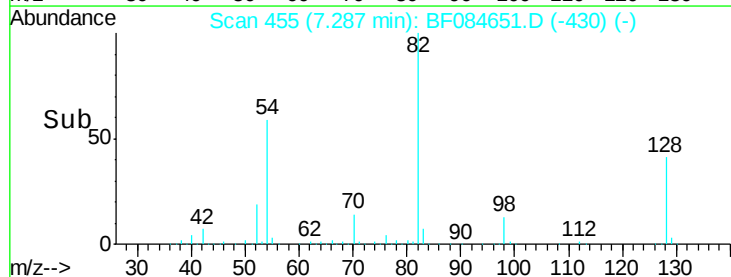


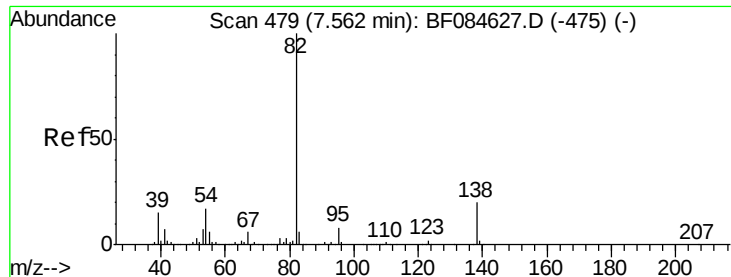
#23
Nitrobenzene-d5
Concen: 77.52 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084651.D
Acq: 29 Jan 2016 22:42

Tgt Ion:	82	Resp:	1003141
Ion	Ratio	Lower	Upper
82	100		
128	41.3	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): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.45 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF084651.D

Acq: 29 Jan 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SUP-B010(45-48)

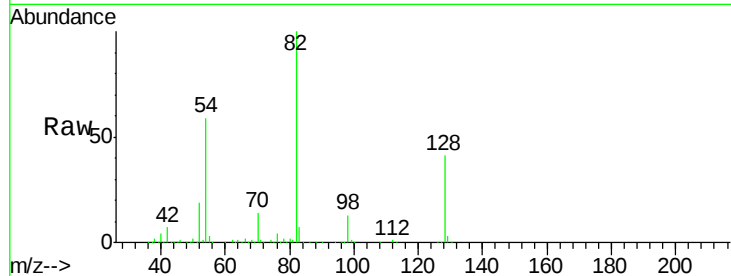
Tgt Ion: 82 Resp: 859428

Ion Ratio Lower Upper

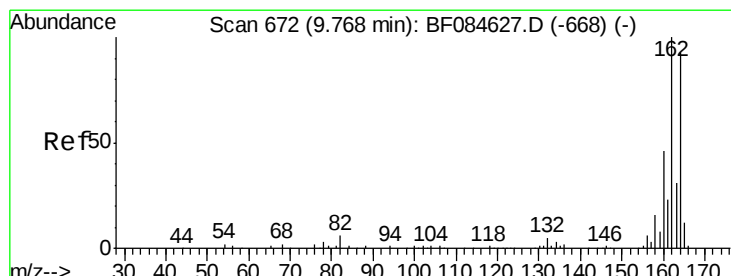
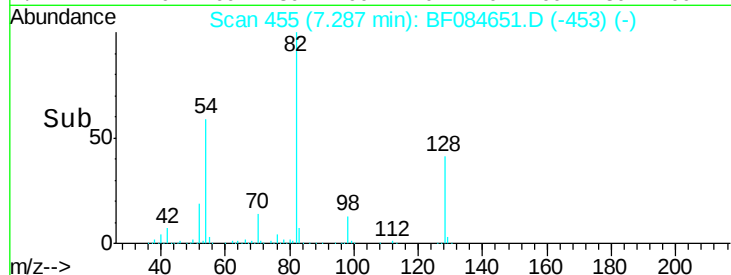
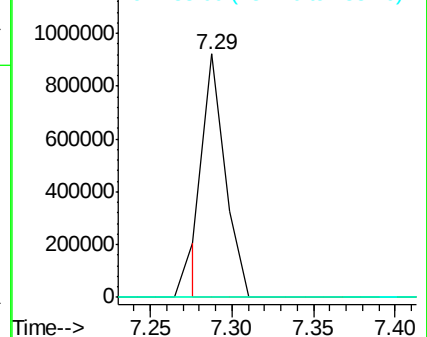
82 100

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: BF084651.D

Acq: 29 Jan 2016 22:42

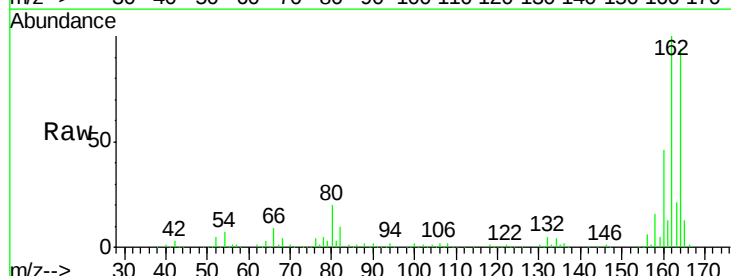
Tgt Ion: 164 Resp: 326670

Ion Ratio Lower Upper

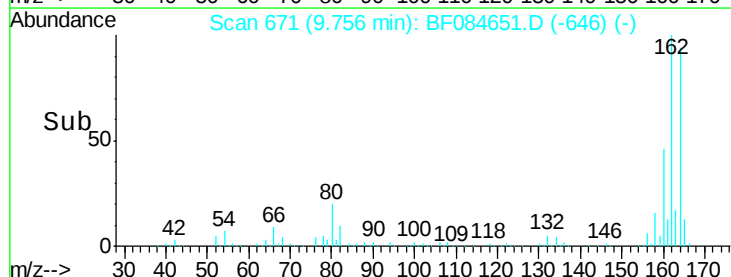
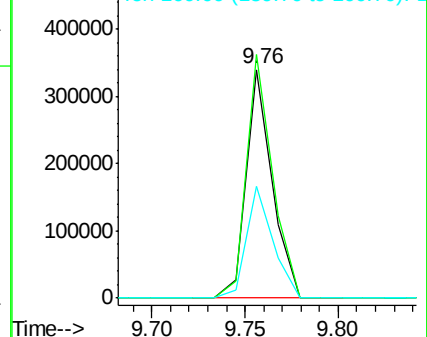
164 100

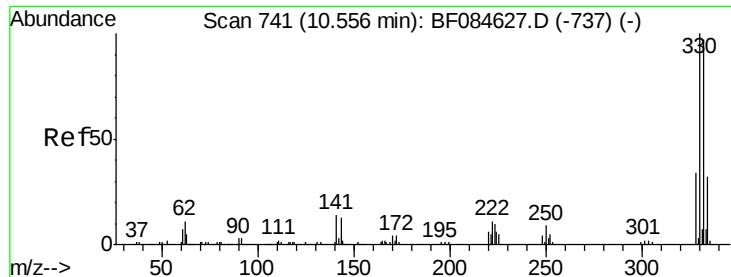
162 106.4 85.1 127.7

160 48.6 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

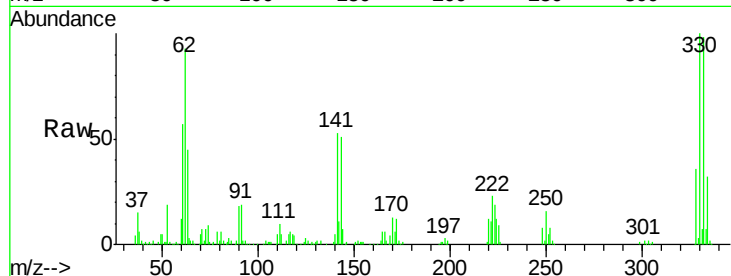




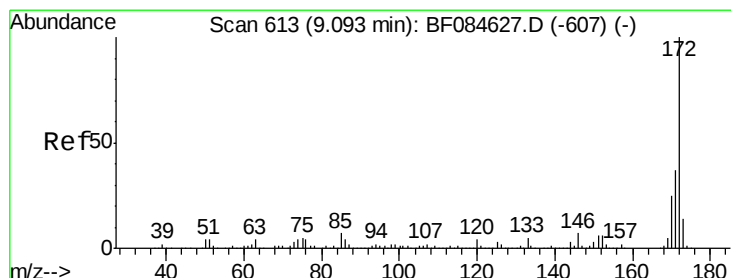
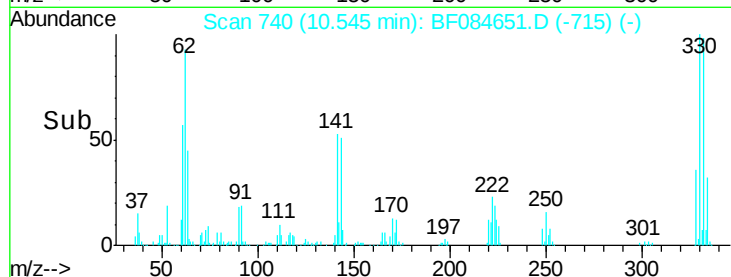
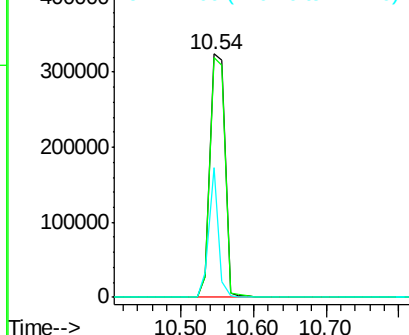
#41
 2,4,6-Tribromophenol
 Concen: 137.35 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084651.D
 Acq: 29 Jan 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B010(45-48)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	114.8
141	33.9	27.8	41.6

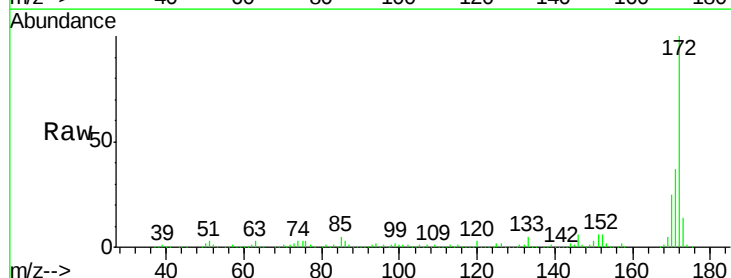


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

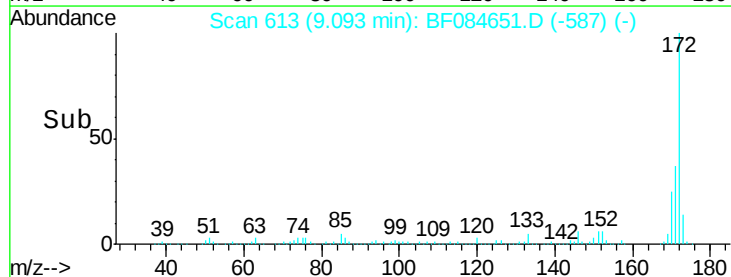
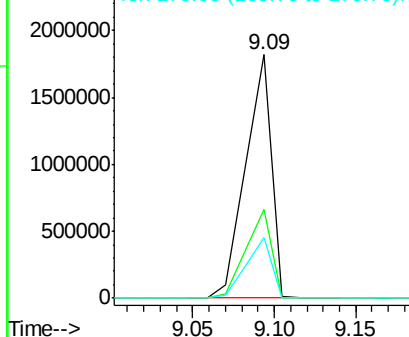


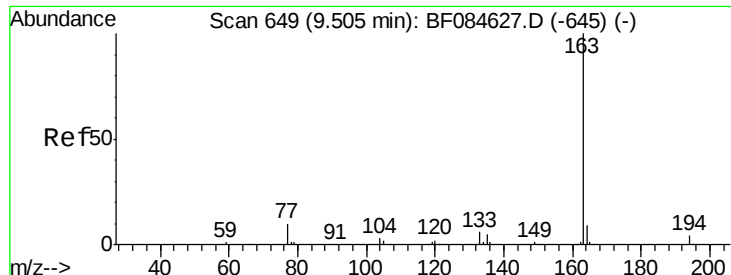
#44
 2-Fluorobiphenyl
 Concen: 90.36 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084651.D
 Acq: 29 Jan 2016 22:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	25.1	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

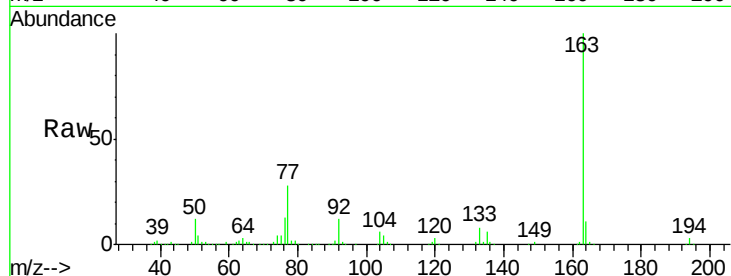




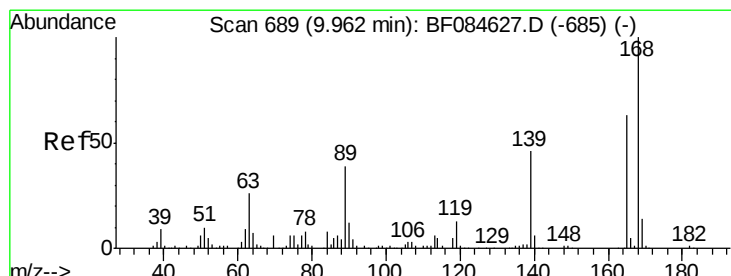
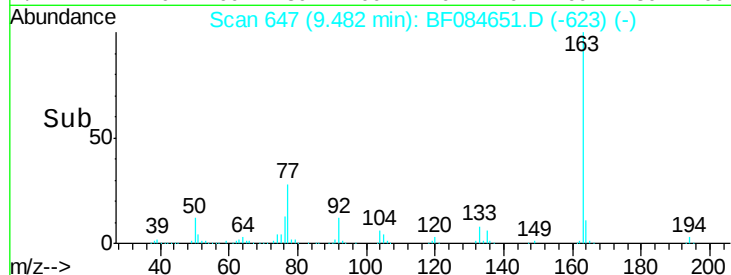
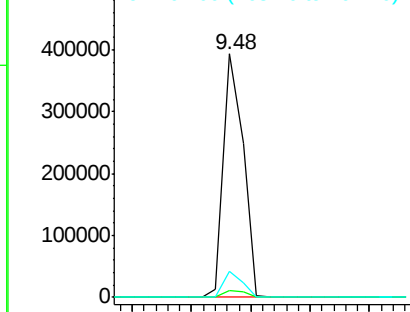
#49
Dimethylphthalate
Concen: 18.48 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084651.D
Acq: 29 Jan 2016 22:42

Instrument :
BNA_F
ClientSampleId :
SUP-B010(45-48)

Tgt Ion:163 Resp: 453072
Ion Ratio Lower Upper
163 100
194 2.9 8.0 12.0#
164 10.9 8.0 12.0

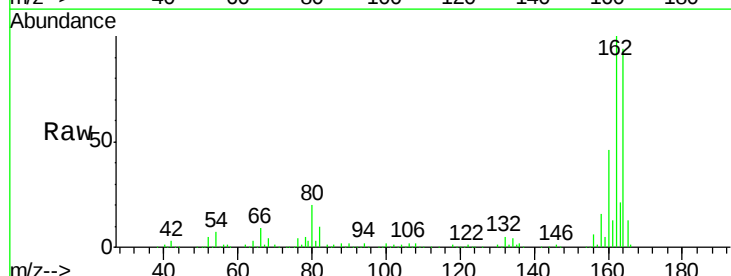


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

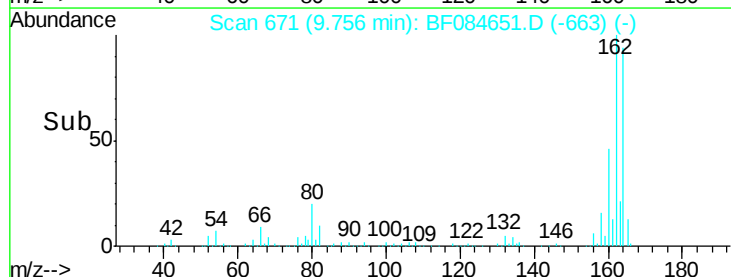
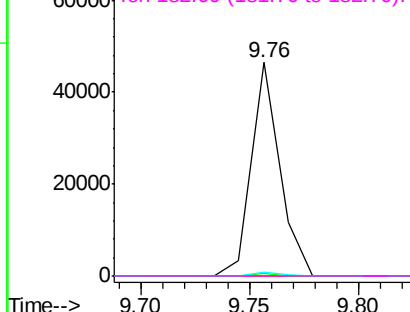


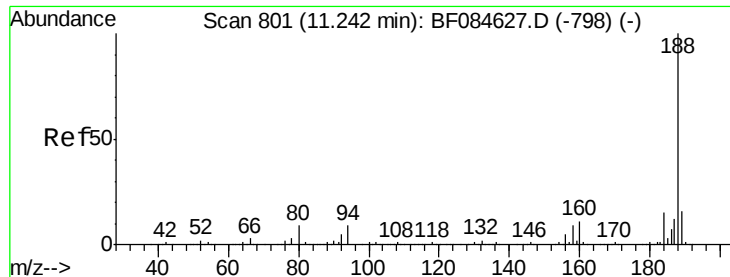
#56
2,4-Dinitrotoluene
Concen: 6.03 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.21 min
Lab File: BF084651.D
Acq: 29 Jan 2016 22:42

Tgt Ion:165 Resp: 42273
Ion Ratio Lower Upper
165 100
63 1.1 36.7 55.1#
89 2.1 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

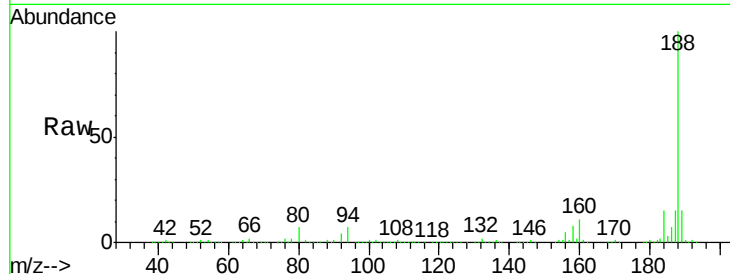




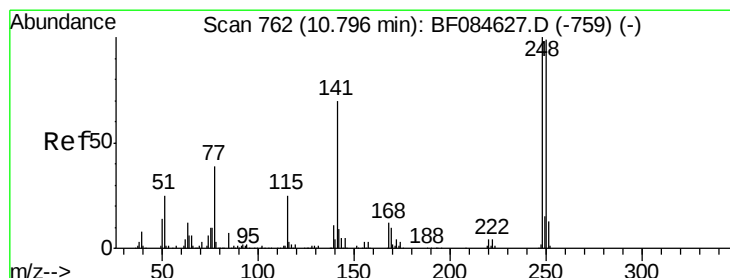
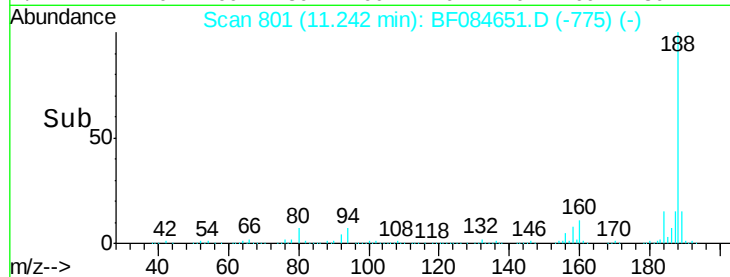
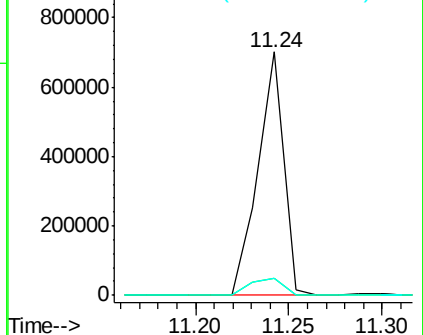
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF084651.D
 Acq: 29 Jan 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B010(45-48)

Tgt Ion:188 Resp: 667775
 Ion Ratio Lower Upper
 188 100
 94 6.8 9.0 13.4#
 80 7.0 9.6 14.4#

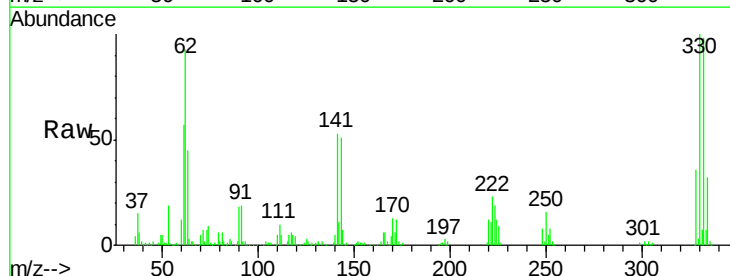


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

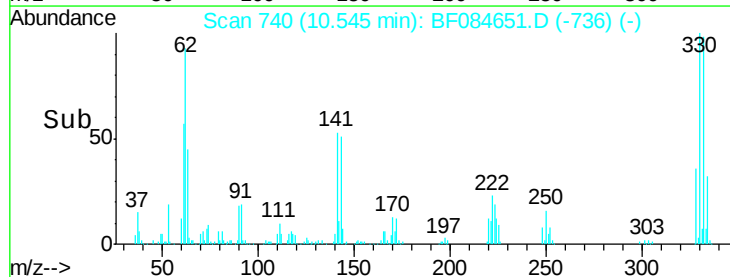
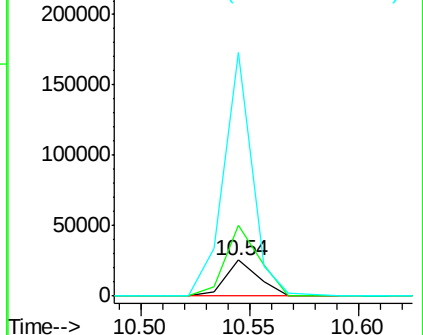


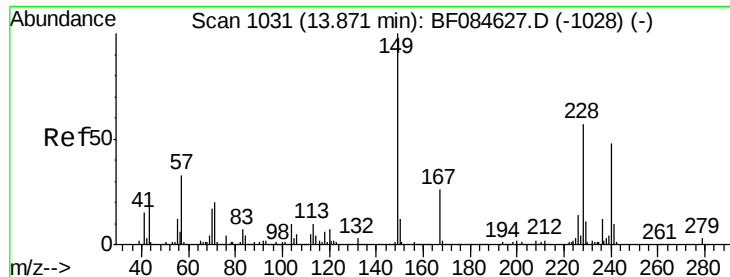
#66
 4-Bromophenyl-phenylether
 Concen: 3.56 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.25 min
 Lab File: BF084651.D
 Acq: 29 Jan 2016 22:42

Tgt Ion:248 Resp: 26809
 Ion Ratio Lower Upper
 248 100
 250 197.9 78.4 117.6#
 141 675.4 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: BF084651.D

Acq: 29 Jan 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SUP-B010(45-48)

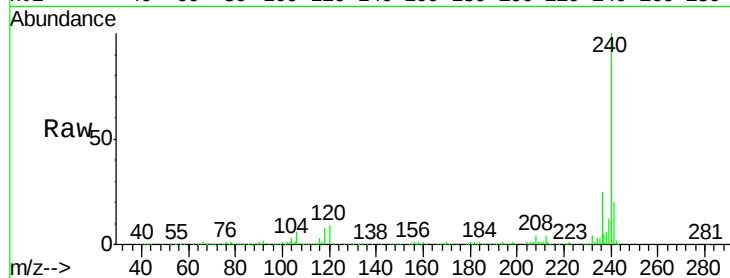
Tgt Ion:240 Resp: 631424

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

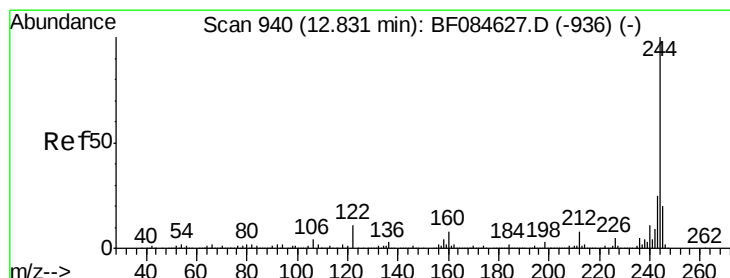
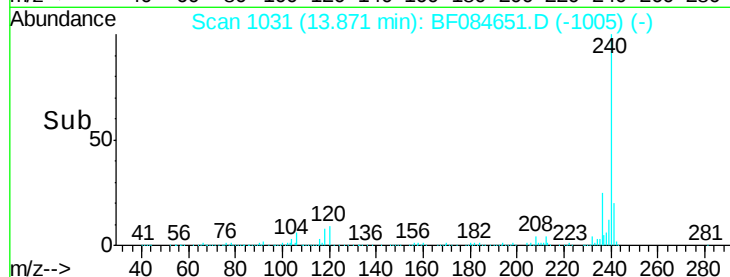
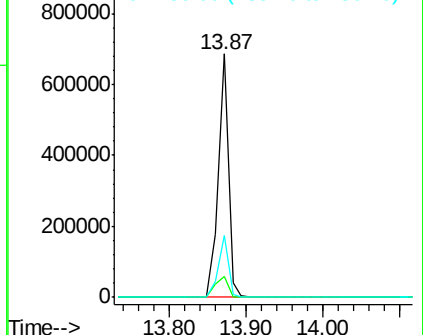
236 25.4 20.6 31.0



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: 66.78 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084651.D

Acq: 29 Jan 2016 22:42

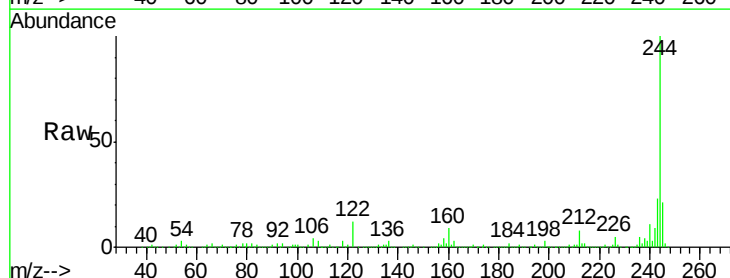
Tgt Ion:244 Resp: 1866995

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

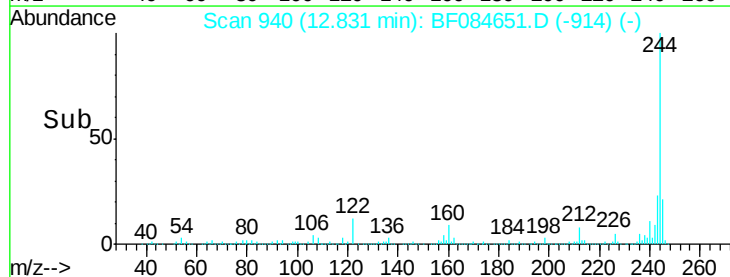
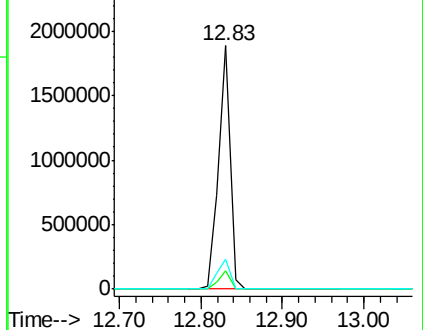
122 12.3 7.4 11.0#

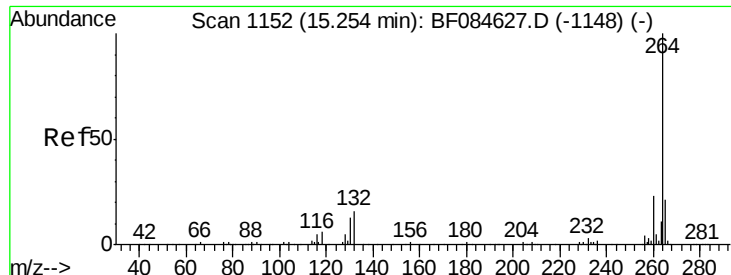


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

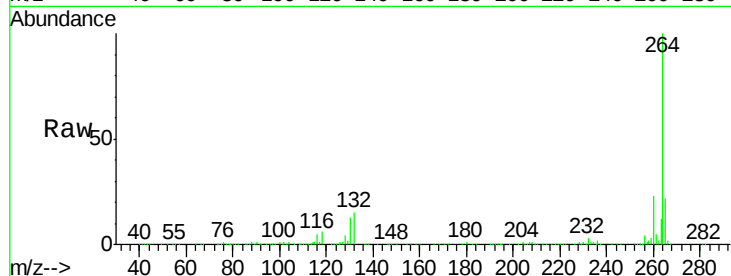




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084651.D
Acq: 29 Jan 2016 22:42

Instrument :
BNA_F
ClientSampleId :
SUP-B010(45-48)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	22.5	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

