

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084642.D
 Acq On : 29 Jan 2016 18:04
 Operator : SJ/IZ
 Sample : H1272-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B014(25-27)

Quant Time: Jan 29 23:06:56 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

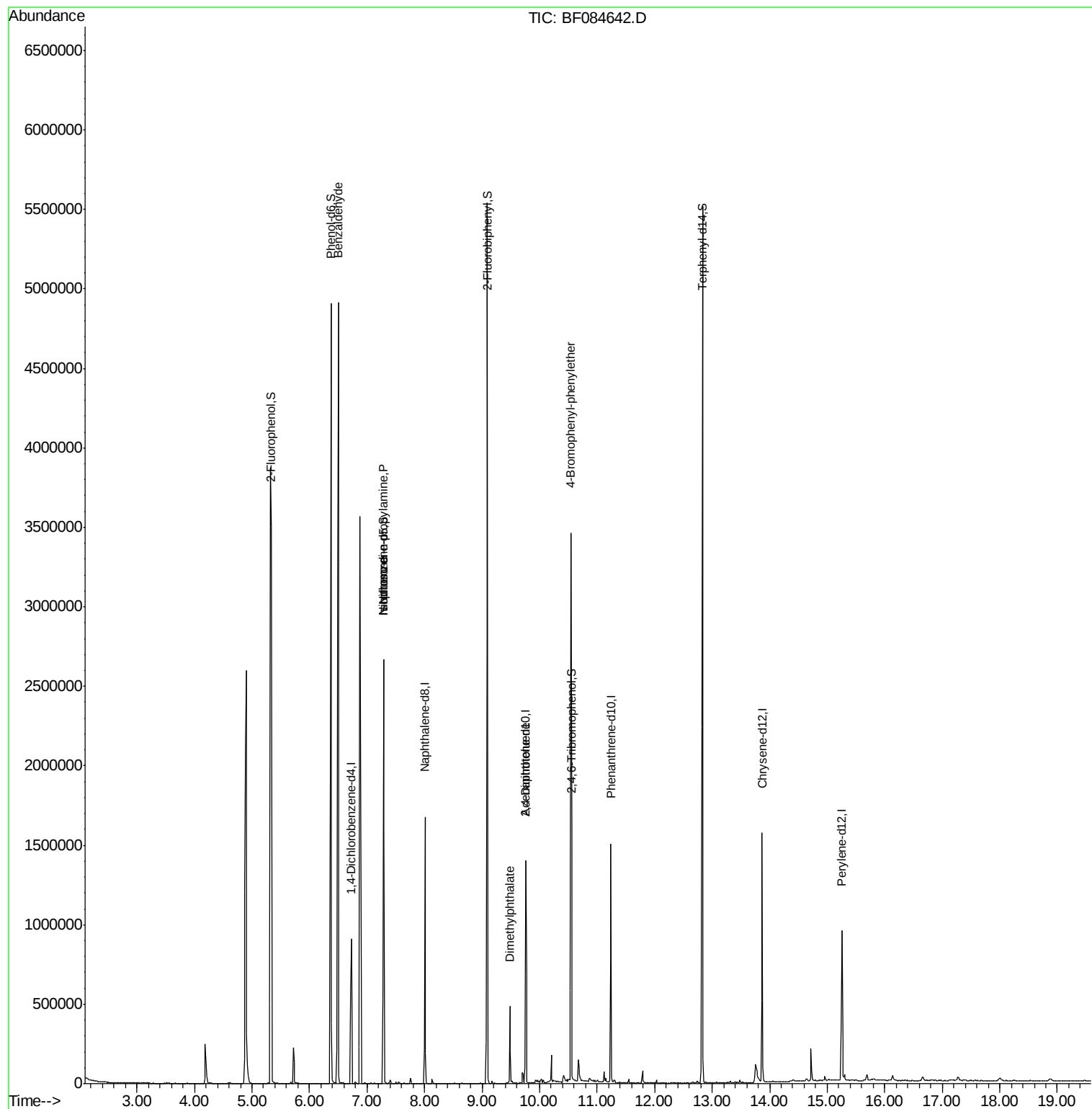
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	169963	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	710642	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	313556	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	634766	20.00	ng	0.00
75) Chrysene-d12	13.87	240	565074	20.00	ng	0.00
86) Perylene-d12	15.25	264	411267	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1563772	138.88	ng	0.02
7) Phenol-d6	6.37	99	1682118	124.64	ng	0.00
23) Nitrobenzene-d5	7.29	82	1108010	87.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	505171	153.72	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1964336	93.12	ng	0.00
78) Terphenyl-d14	12.83	244	1760625	70.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	39788	5.09	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.29	70	150114	18.21	ng	# 71
25) Isophorone	7.29	82	985063	41.35	ng	# 66
49) Dimethylphthalate	9.48	163	208454	8.86	ng	# 90
56) 2,4-Dinitrotoluene	9.76	165	40344	6.00	ng	# 21
66) 4-Bromophenyl-phenylether	10.54	248	28890	4.04	ng	# 1

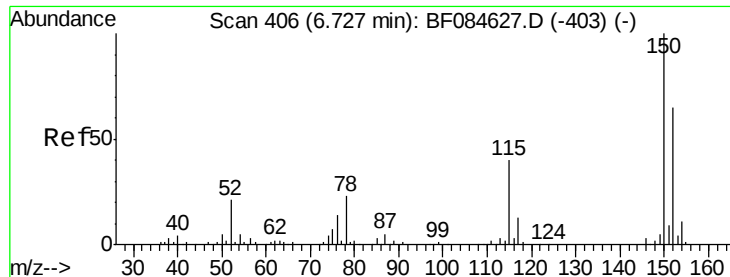
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084642.D

Acq: 29 Jan 2016 18:04

Instrument :

BNA_F

ClientSampleId :

SUP-B014(25-27)

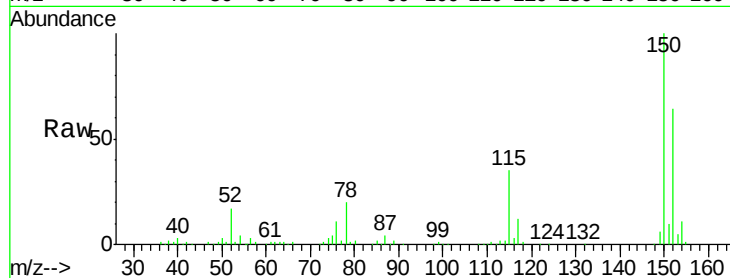
Tgt Ion:152 Resp: 169963

Ion Ratio Lower Upper

152 100

150 156.8 123.0 184.4

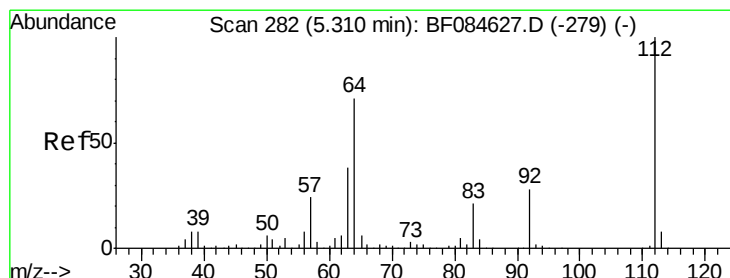
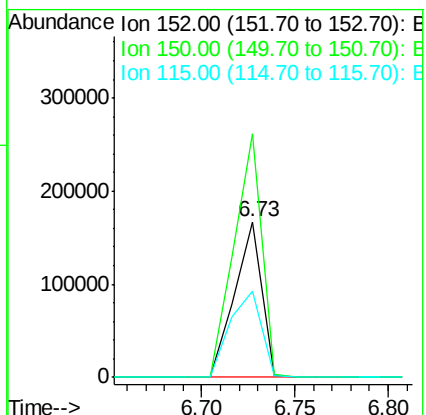
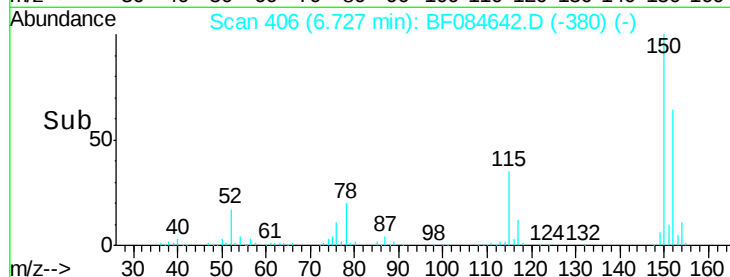
115 55.1 51.4 77.2



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: 138.88 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF084642.D

Acq: 29 Jan 2016 18:04

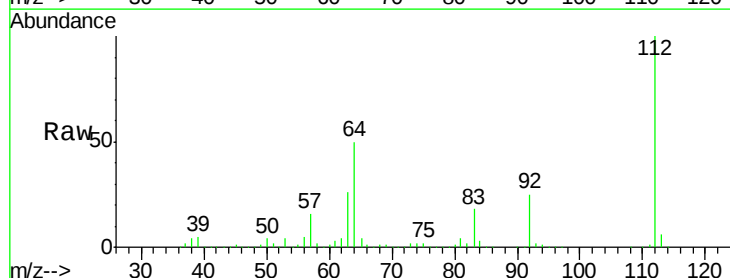
Tgt Ion:112 Resp: 1563772

Ion Ratio Lower Upper

112 100

64 50.5 36.6 55.0

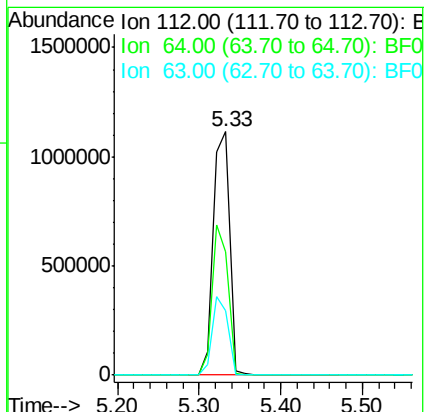
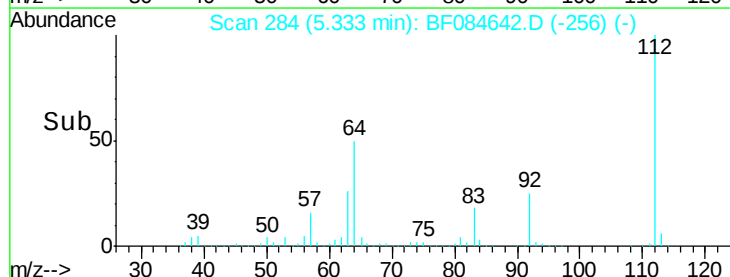
63 26.3 19.4 29.0

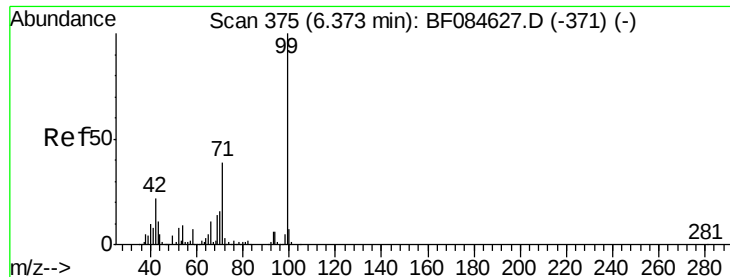


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.64 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084642.D

Acq: 29 Jan 2016 18:04

Instrument :

BNA_F

ClientSampleId :

SUP-B014(25-27)

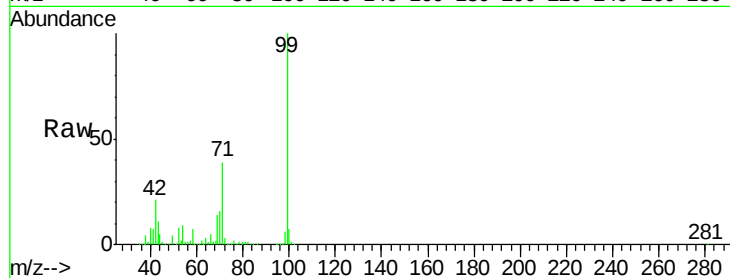
Tgt Ion: 99 Resp: 1682118

Ion Ratio Lower Upper

99 100

42 21.2 12.8 19.2#

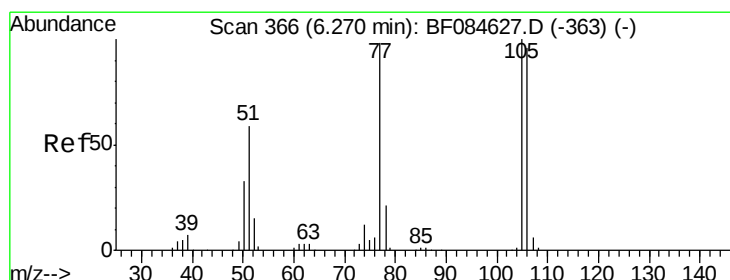
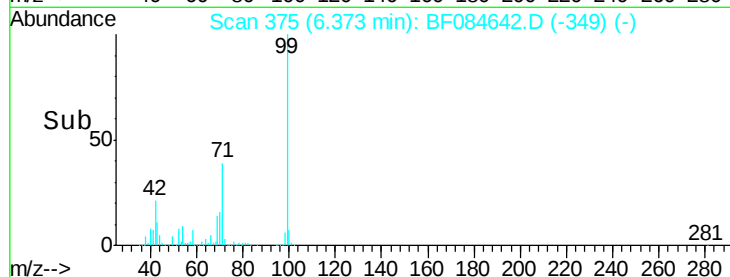
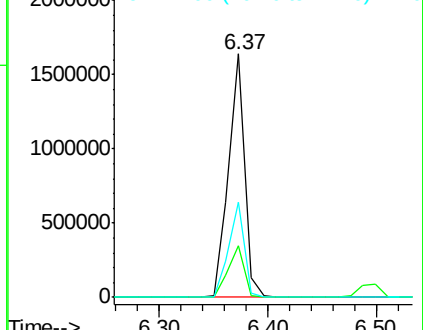
71 38.9 30.9 46.3



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



#9

Benzaldehyde

Concen: 5.09 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.23 min

Lab File: BF084642.D

Acq: 29 Jan 2016 18:04

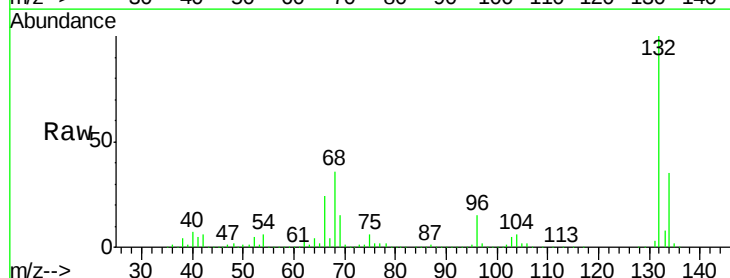
Tgt Ion: 77 Resp: 39788

Ion Ratio Lower Upper

77 100

105 89.3 83.0 123.0

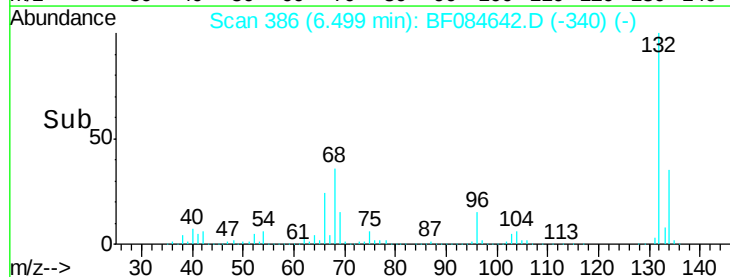
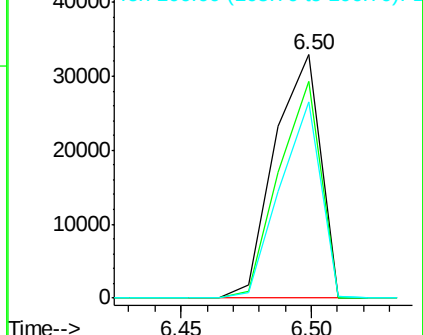
106 80.5 74.6 114.6

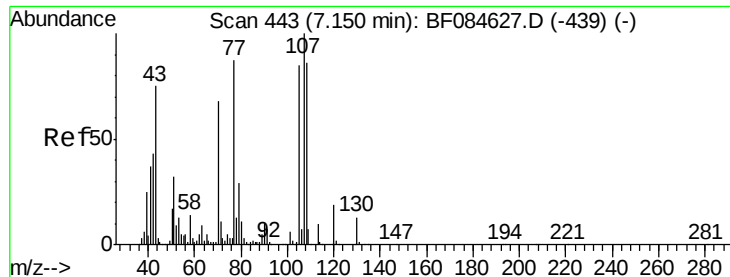


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

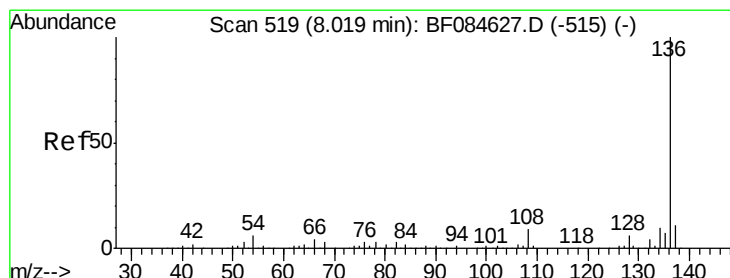
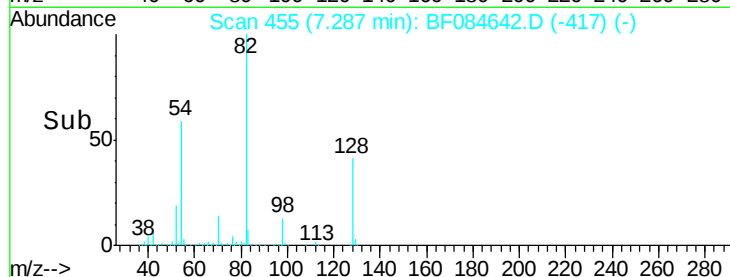
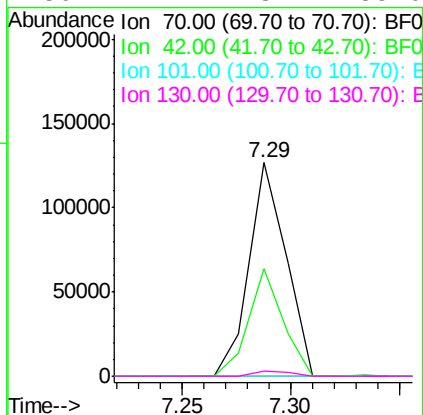
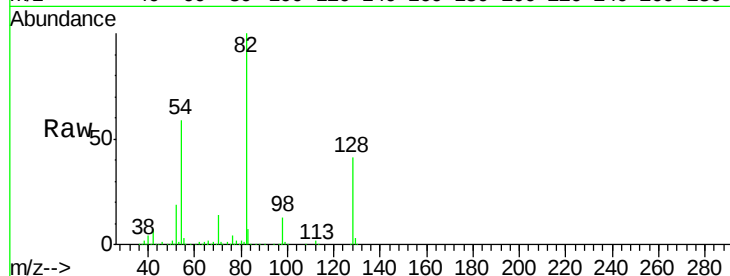




#19
n-Nitroso-di-n-propylamine
Concen: 18.21 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF084642.D
Acq: 29 Jan 2016 18:04

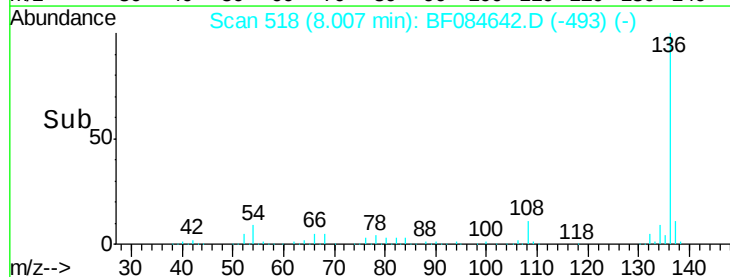
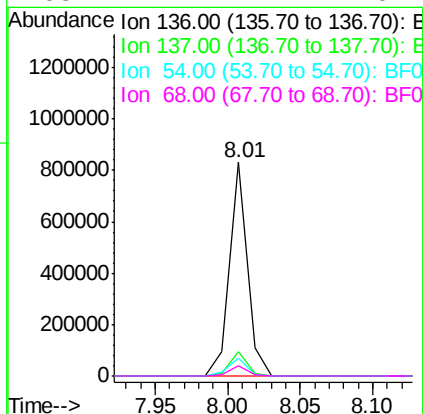
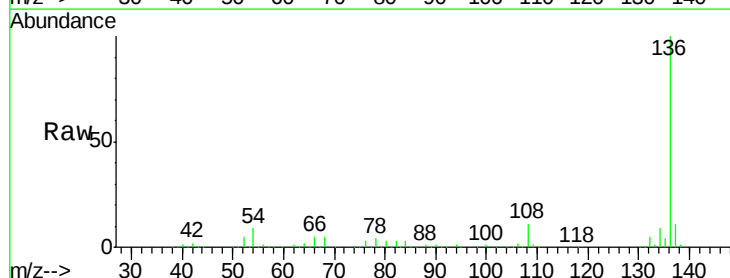
Instrument :
BNA_F
ClientSampleId :
SUP-B014(25-27)

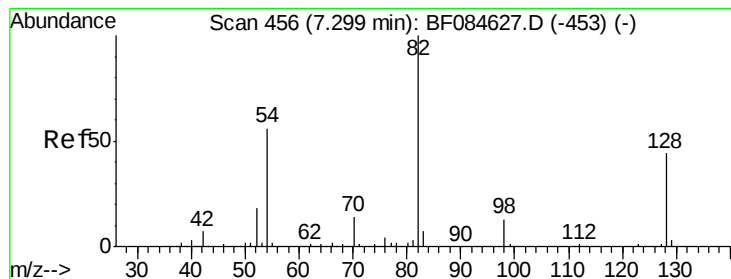
Tgt Ion:	70	Resp:	150114
Ion	Ratio	Lower	Upper
70	100		
42	50.1	33.3	49.9#
101	0.0	9.3	13.9#
130	2.2	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084642.D
Acq: 29 Jan 2016 18:04

Tgt Ion:	136	Resp:	710642
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	8.7	5.8	8.8
68	4.7	4.2	6.2





#23

Nitrobenzene-d5

Concen: 87.14 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF084642.D

Acq: 29 Jan 2016 18:04

Instrument :

BNA_F

ClientSampleId :

SUP-B014(25-27)

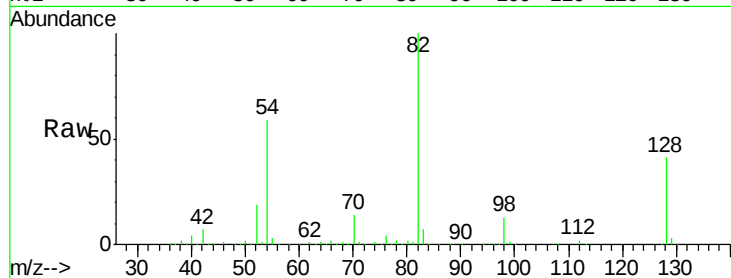
Tgt Ion: 82 Resp: 1108010

Ion Ratio Lower Upper

82 100

128 41.0 34.6 51.8

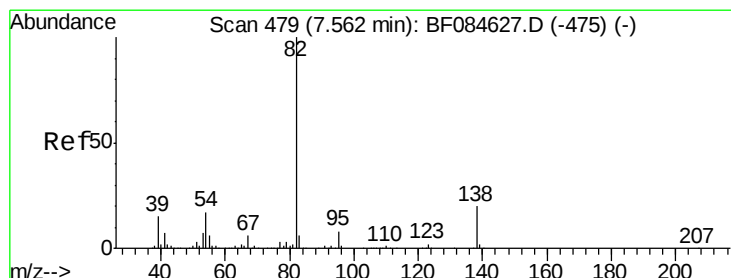
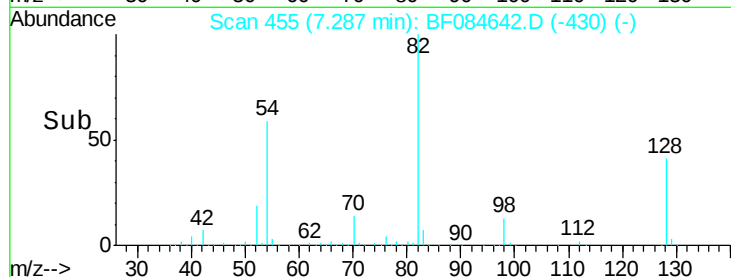
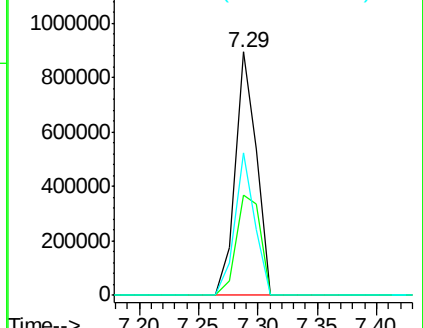
54 58.6 38.4 57.6#



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: 41.35 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF084642.D

Acq: 29 Jan 2016 18:04

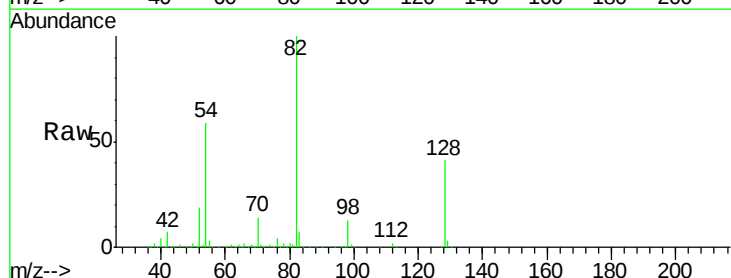
Tgt Ion: 82 Resp: 985063

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

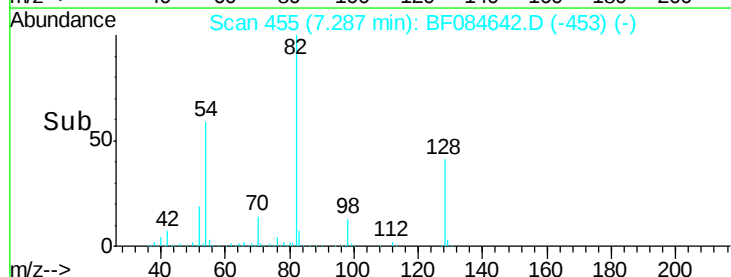
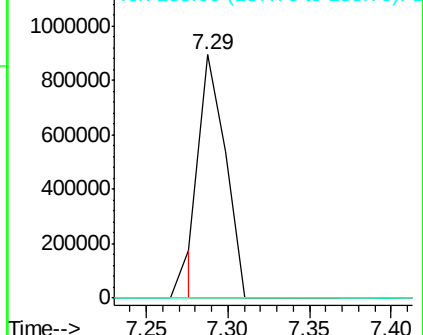
138 0.0 13.6 20.4#

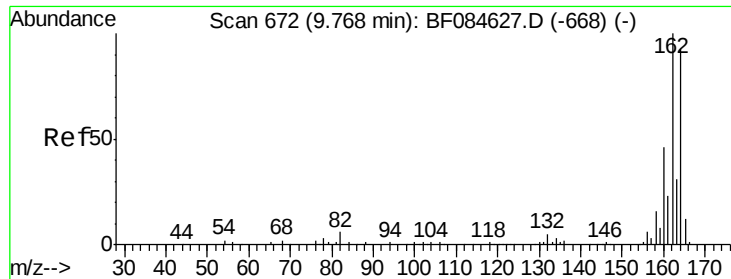


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF084642.D

Acq: 29 Jan 2016 18:04

Instrument :

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ClientSampleId :

SUP-B014(25-27)

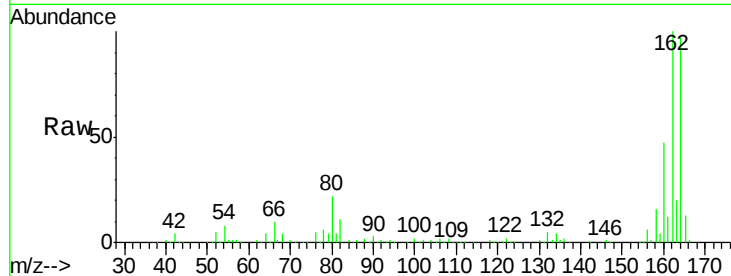
Tgt Ion:164 Resp: 313556

Ion Ratio Lower Upper

164 100

162 102.8 85.1 127.7

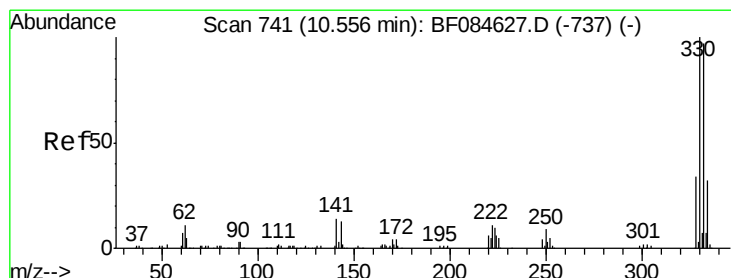
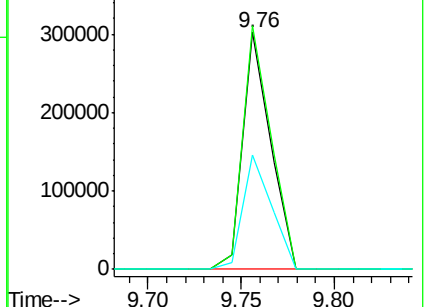
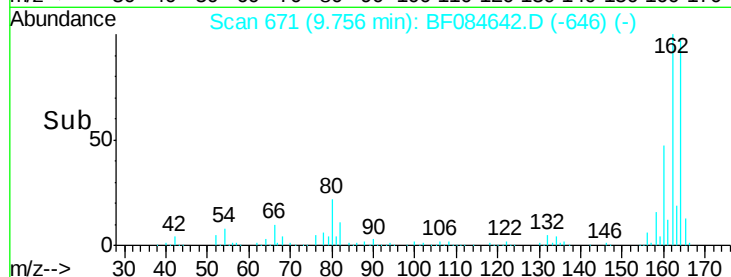
160 48.3 37.5 56.3



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: 153.72 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF084642.D

Acq: 29 Jan 2016 18:04

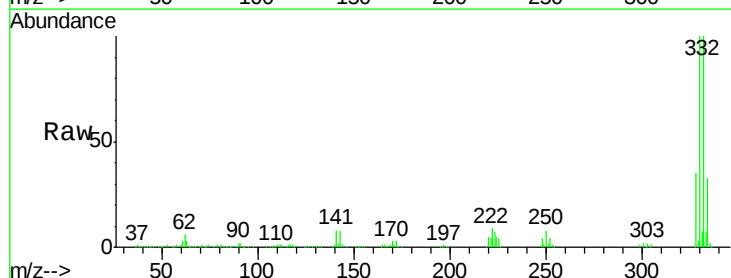
Tgt Ion:330 Resp: 505171

Ion Ratio Lower Upper

330 100

332 98.4 76.6 114.8

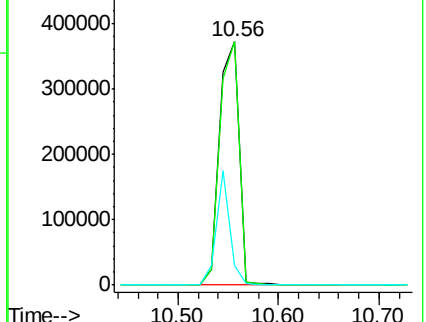
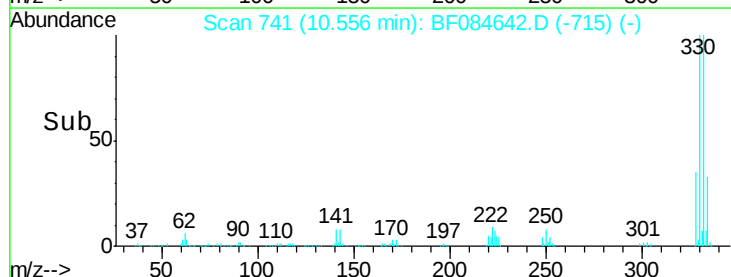
141 32.6 27.8 41.6

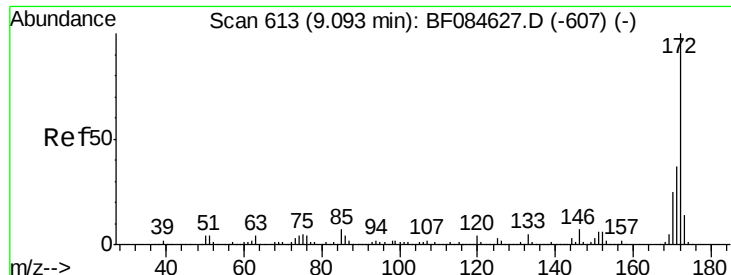


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

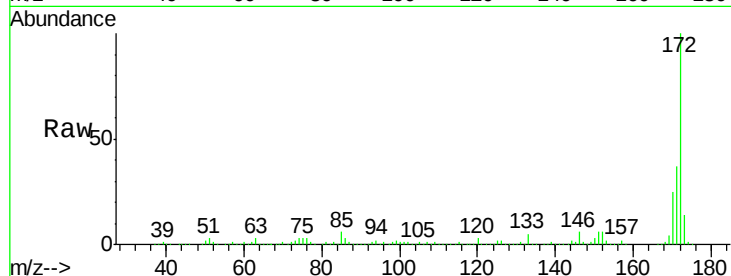




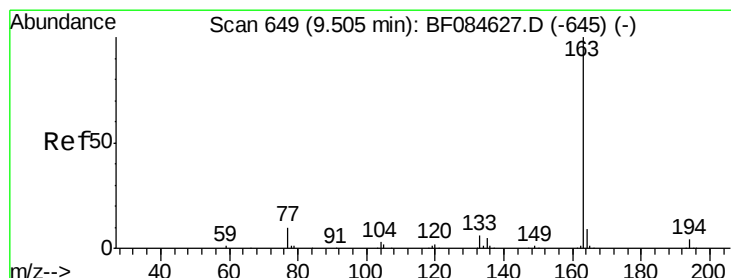
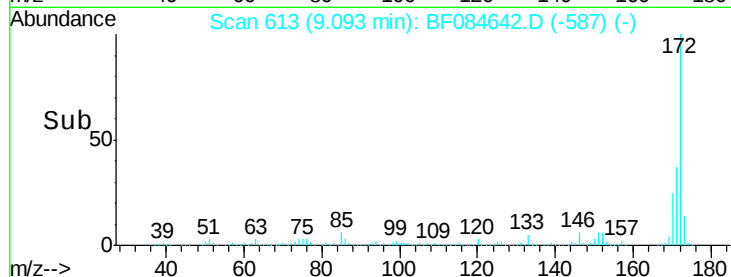
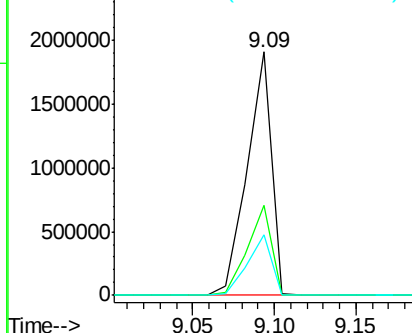
#44
2-Fluorobiphenyl
Concen: 93.12 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF084642.D
Acq: 29 Jan 2016 18:04

Instrument :
BNA_F
ClientSampleId :
SUP-B014(25-27)

Tgt Ion:172 Resp: 1964336
Ion Ratio Lower Upper
172 100
171 36.8 28.9 43.3
170 25.1 18.6 27.8

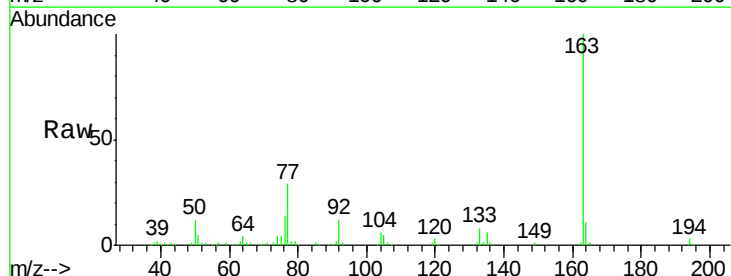


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

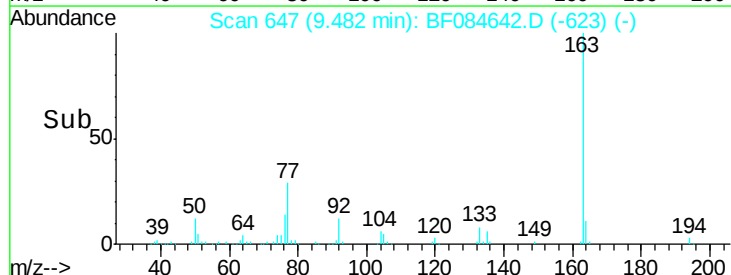
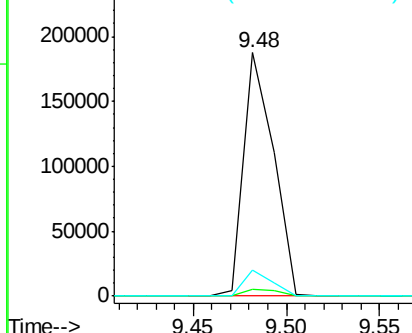


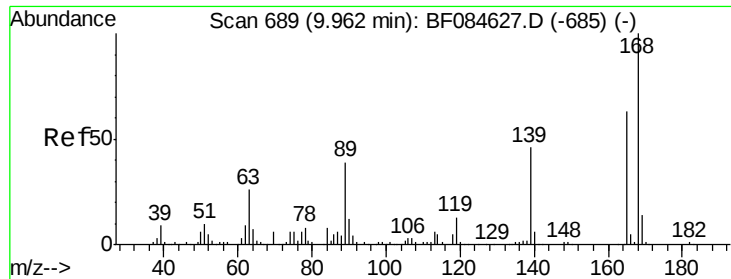
#49
Dimethylphthalate
Concen: 8.86 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084642.D
Acq: 29 Jan 2016 18:04

Tgt Ion:163 Resp: 208454
Ion Ratio Lower Upper
163 100
194 3.0 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

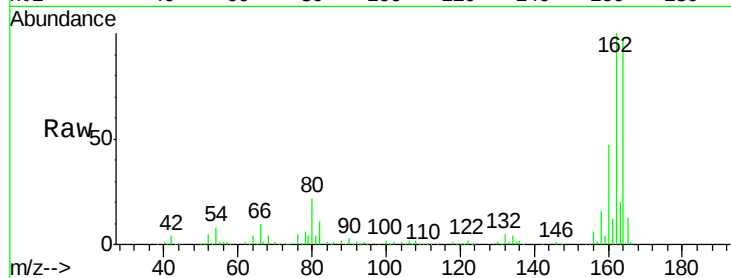




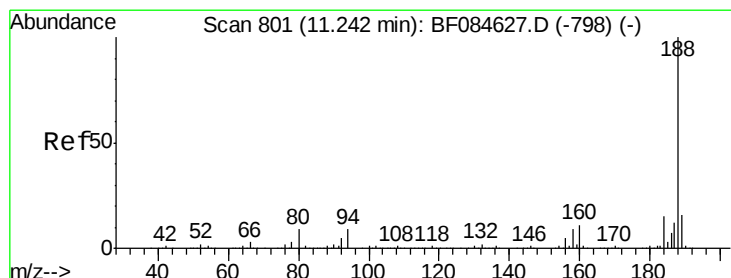
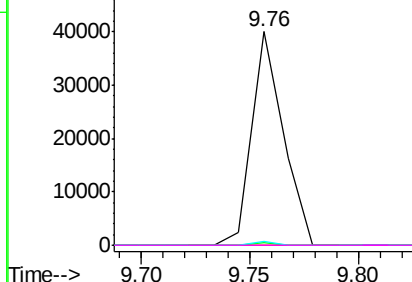
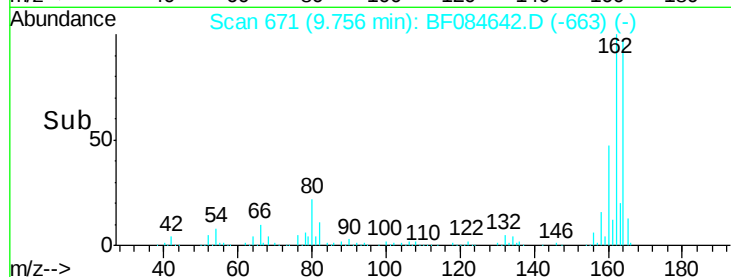
#56
2,4-Dinitrotoluene
Concen: 6.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.21 min
Lab File: BF084642.D
Acq: 29 Jan 2016 18:04

Instrument :
BNA_F
ClientSampleId :
SUP-B014(25-27)

Tgt Ion:165 Resp: 40344
Ion Ratio Lower Upper
165 100
63 1.3 36.7 55.1#
89 1.6 61.9 92.9#
182 0.0 2.0 3.0#

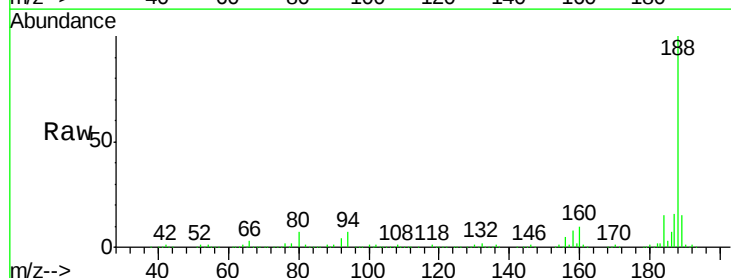


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

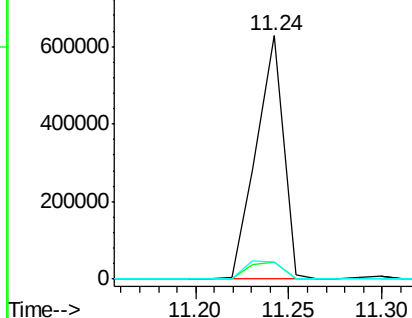
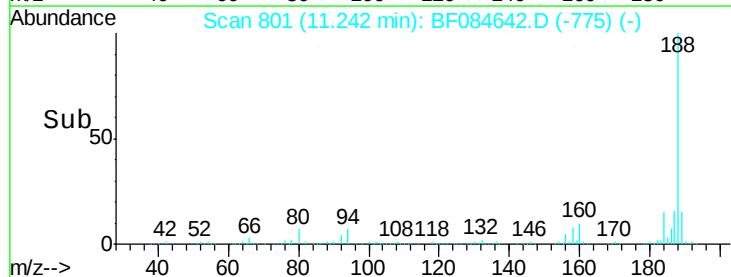


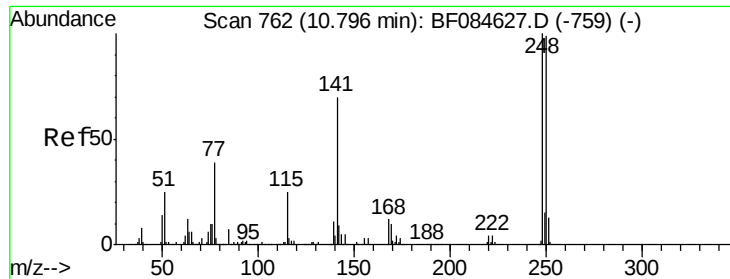
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084642.D
Acq: 29 Jan 2016 18:04

Tgt Ion:188 Resp: 634766
Ion Ratio Lower Upper
188 100
94 7.0 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

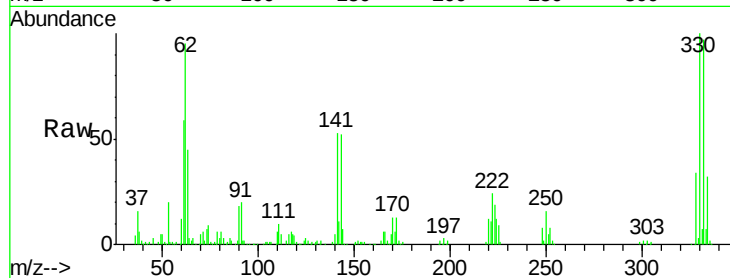




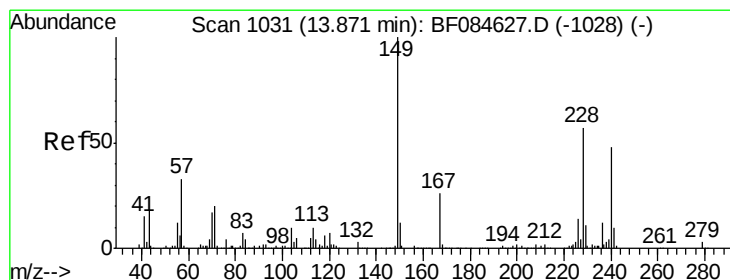
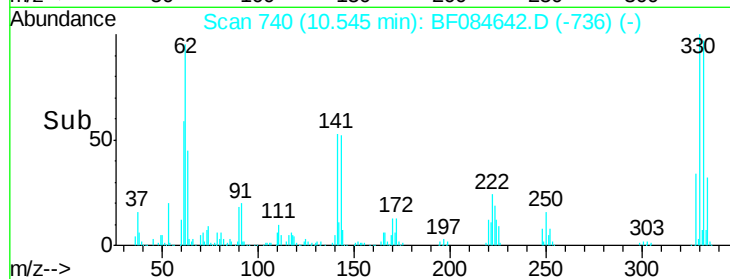
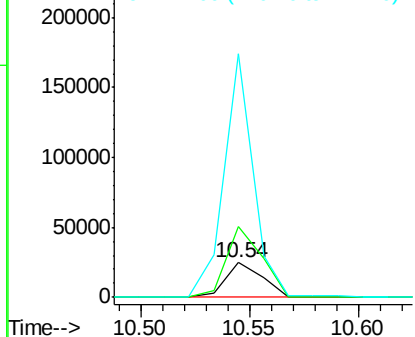
#66
4-Bromophenyl-phenylether
Concen: 4.04 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.25 min
Lab File: BF084642.D
Acq: 29 Jan 2016 18:04

Instrument :
BNA_F
ClientSampleId :
SUP-B014(25-27)

Tgt Ion:248 Resp: 28890
Ion Ratio Lower Upper
248 100
250 205.5 78.4 117.6#
141 702.9 44.0 66.0#

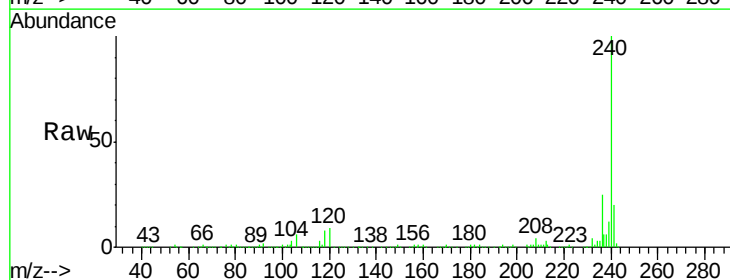


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

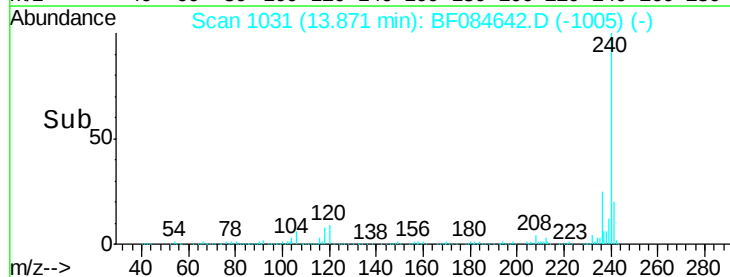
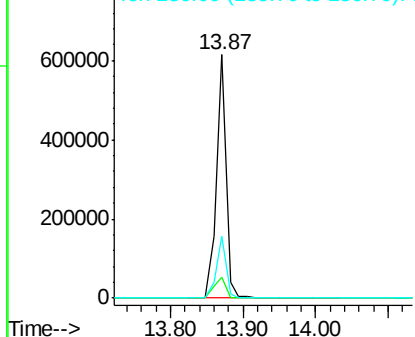


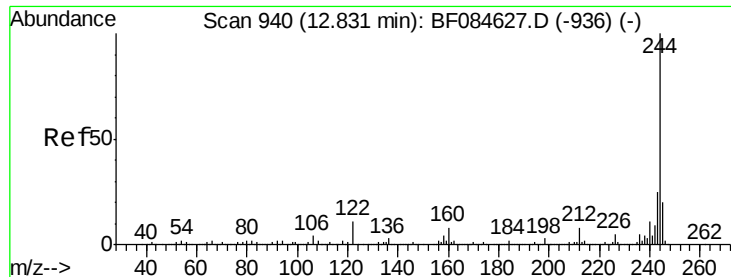
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF084642.D
Acq: 29 Jan 2016 18:04

Tgt Ion:240 Resp: 565074
Ion Ratio Lower Upper
240 100
120 8.8 9.5 14.3#
236 25.5 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

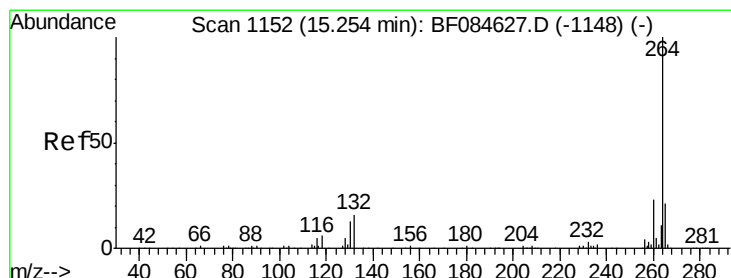
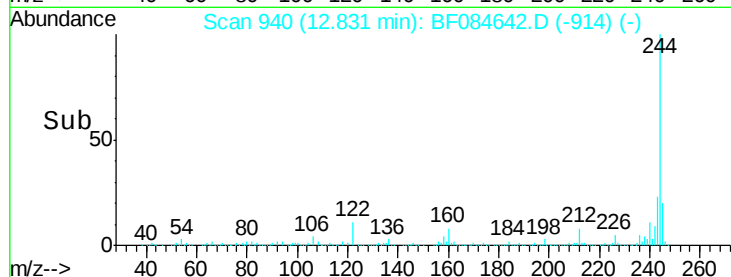
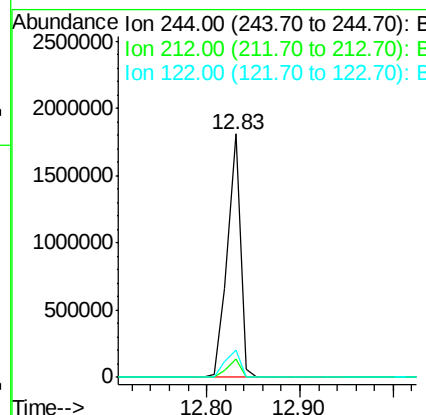
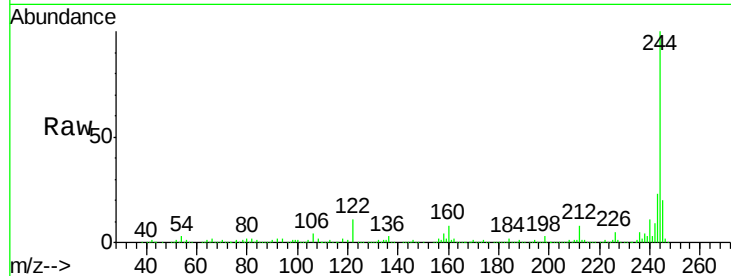




#78
 Terphenyl-d14
 Concen: 70.37 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF084642.D
 Acq: 29 Jan 2016 18:04

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B014(25-27)

Tgt Ion:244 Resp: 1760625
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 11.5 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: BF084642.D
 Acq: 29 Jan 2016 18:04

Tgt Ion:264 Resp: 411267
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 22.7 17.8 26.6

