

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084653.D
 Acq On : 29 Jan 2016 23:37
 Operator : SJ/IZ
 Sample : H1273-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B011(40-42)

Quant Time: Jan 30 00:21:33 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

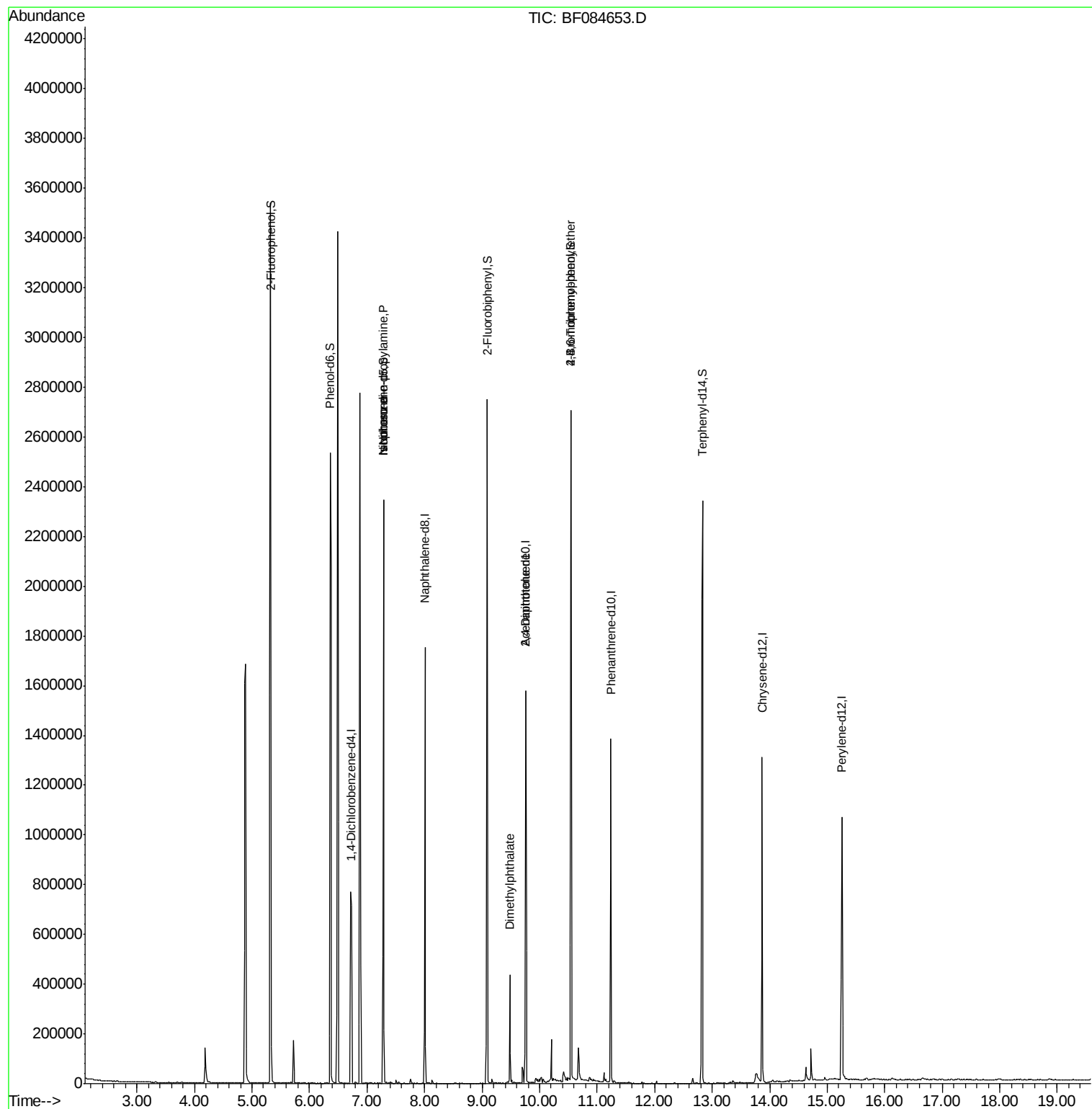
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	169690	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	713151	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	316206	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	630526	20.00	ng	0.00
75) Chrysene-d12	13.87	240	493191	20.00	ng	0.00
86) Perylene-d12	15.25	264	452410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1012725	90.09	ng	0.01
7) Phenol-d6	6.36	99	1215448	90.21	ng	-0.01
23) Nitrobenzene-d5	7.29	82	705168	55.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	298658	90.12	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1261150	59.28	ng	0.00
78) Terphenyl-d14	12.83	244	1031339	47.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	96874	11.77	ng	# 71
25) Isophorone	7.29	82	588549	24.62	ng	# 66
49) Dimethylphthalate	9.48	163	167518	7.06	ng	# 90
56) 2,4-Dinitrotoluene	9.76	165	41216	6.08	ng	# 21
66) 4-Bromophenyl-phenylether	10.54	248	19316	2.72	ng	# 1

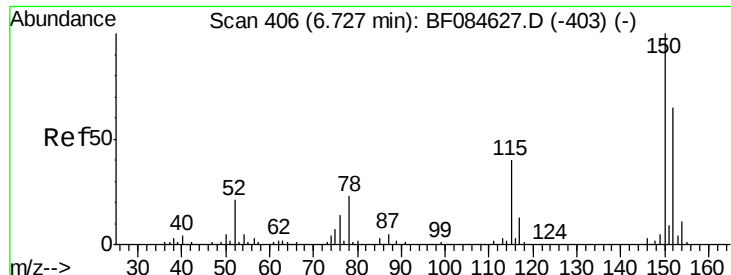
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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: BF084653.D

Acq: 29 Jan 2016 23:37

Instrument :

BNA_F

ClientSampleId :

SUP-B011(40-42)

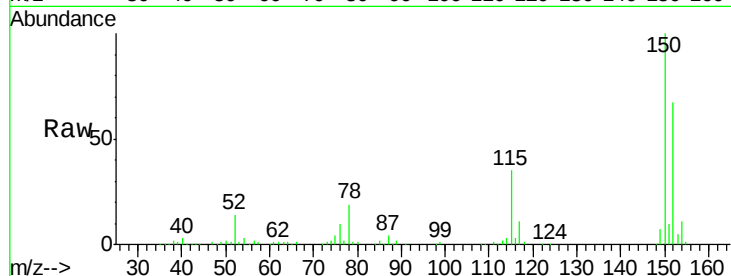
Tgt Ion:152 Resp: 169690

Ion Ratio Lower Upper

152 100

150 149.1 123.0 184.4

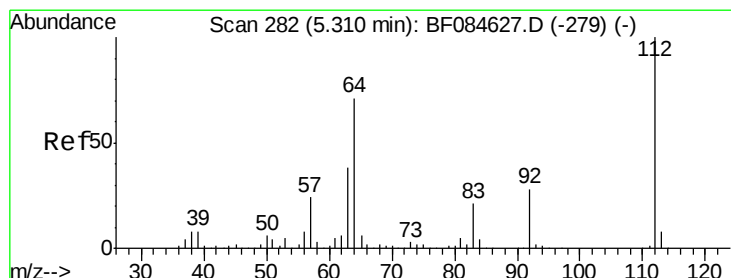
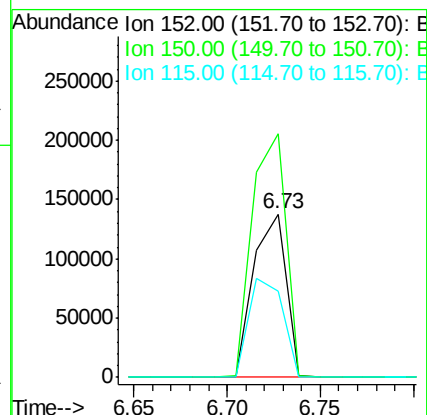
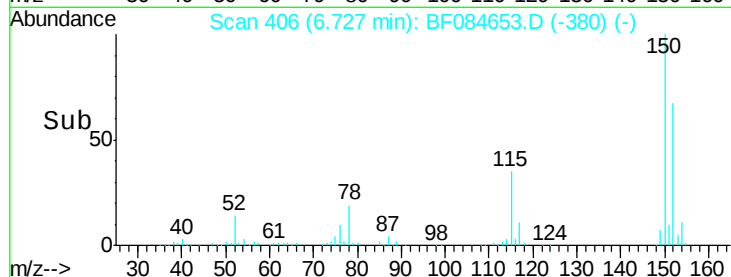
115 52.7 51.4 77.2



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: 90.09 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084653.D

Acq: 29 Jan 2016 23:37

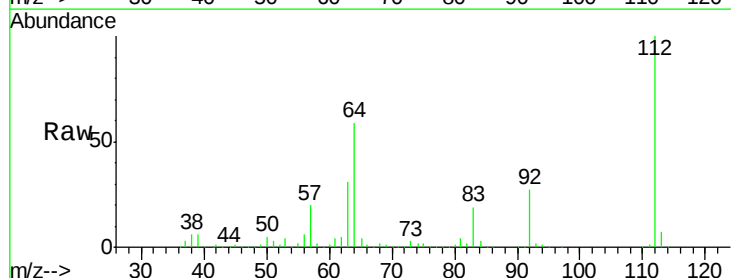
Tgt Ion:112 Resp: 1012725

Ion Ratio Lower Upper

112 100

64 59.1 36.6 55.0#

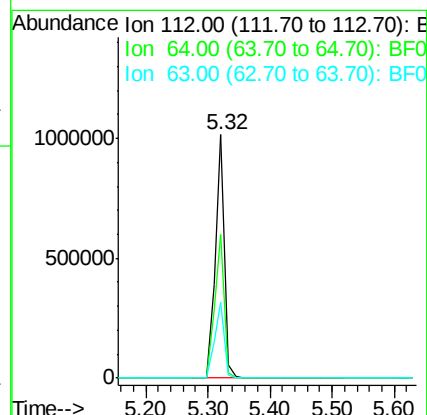
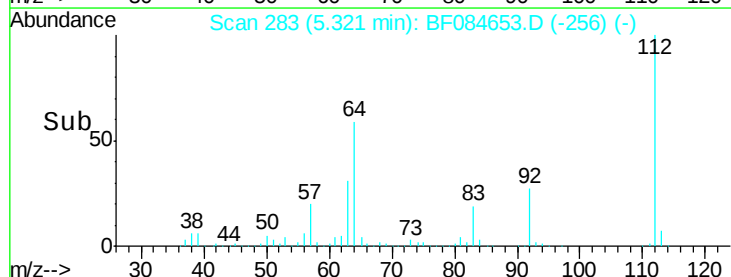
63 31.1 19.4 29.0#

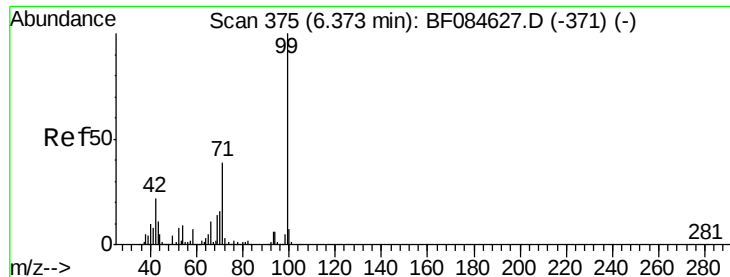


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 90.21 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084653.D

Acq: 29 Jan 2016 23:37

Instrument :

BNA_F

ClientSampleId :

SUP-B011(40-42)

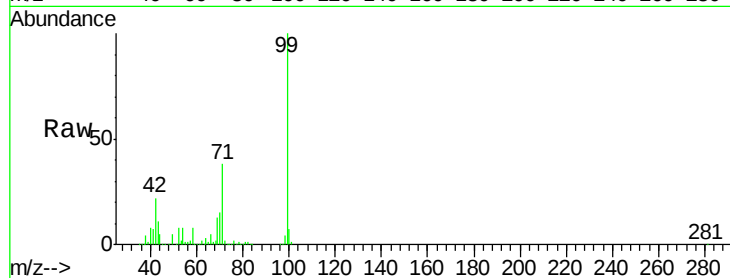
Tgt Ion: 99 Resp: 1215448

Ion Ratio Lower Upper

99 100

42 21.8 12.8 19.2#

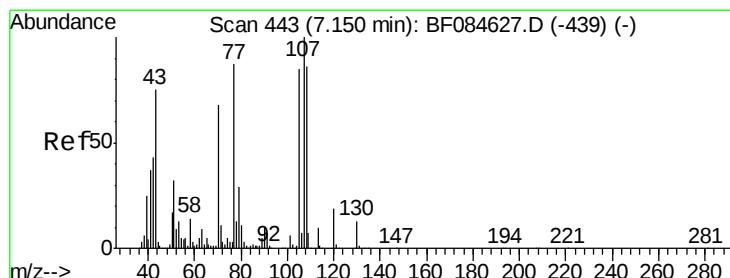
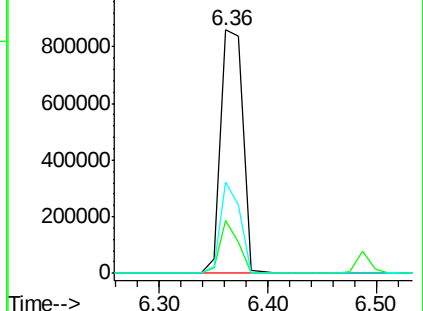
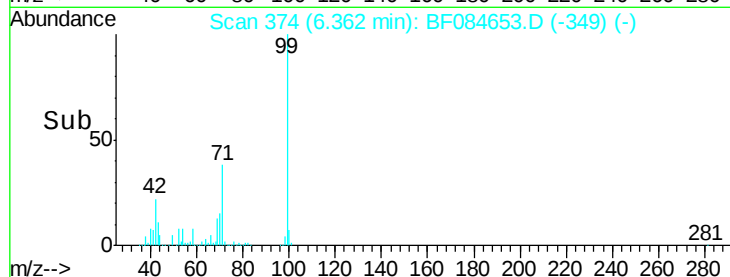
71 37.6 30.9 46.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.77 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF084653.D

Acq: 29 Jan 2016 23:37

Tgt Ion: 70 Resp: 96874

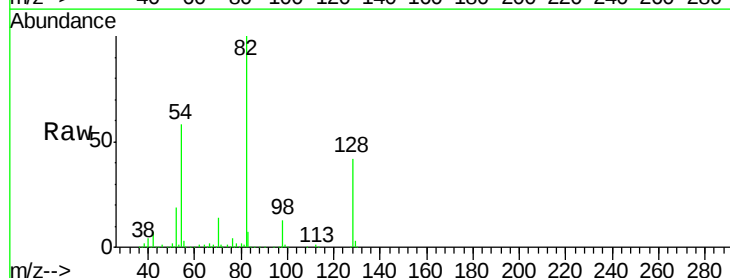
Ion Ratio Lower Upper

70 100

42 50.1 33.3 49.9#

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

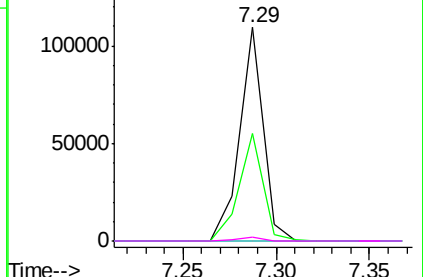
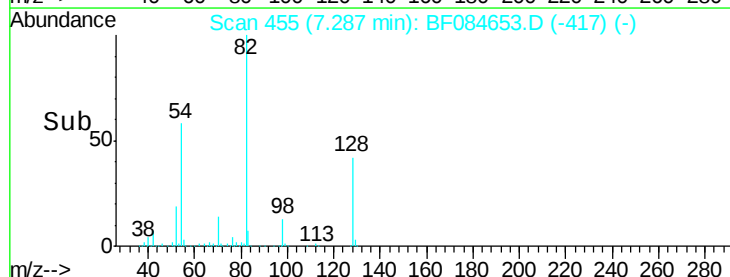


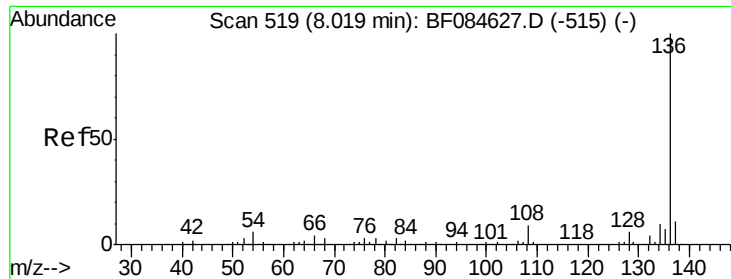
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

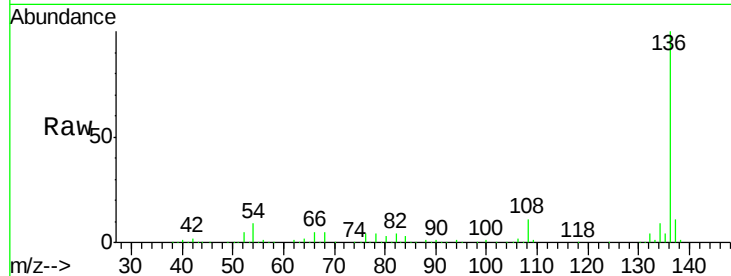




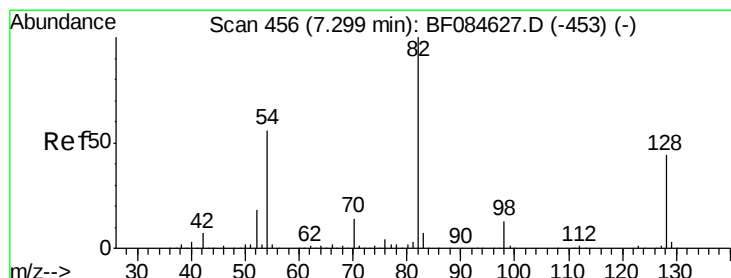
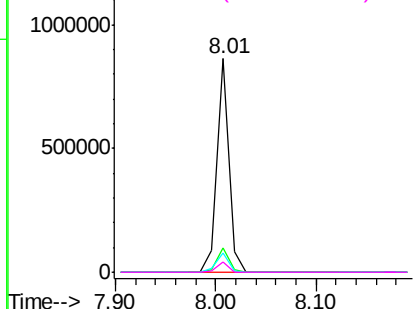
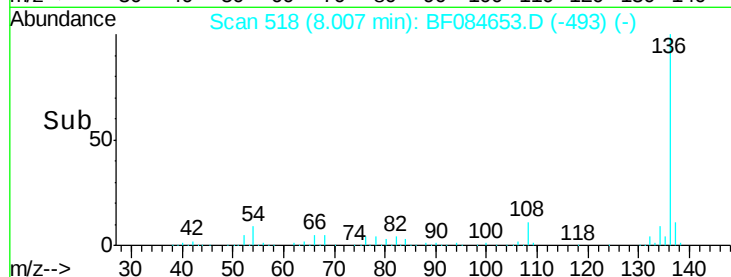
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084653.D
Acq: 29 Jan 2016 23:37

Instrument :
BNA_F
ClientSampleId :
SUP-B011(40-42)

Tgt Ion:	136	Resp:	713151
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	8.8	5.8	8.8#
68	5.0	4.2	6.2

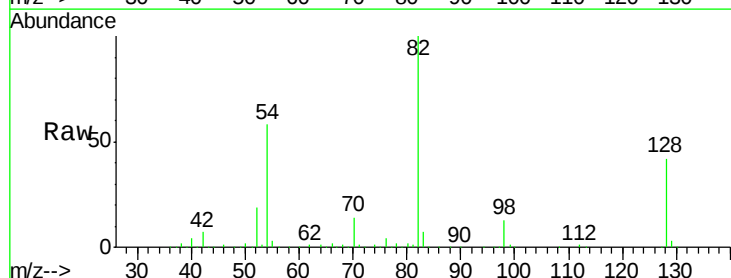


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

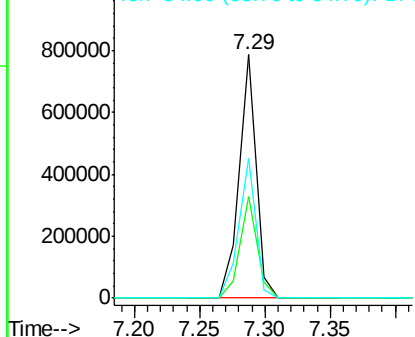
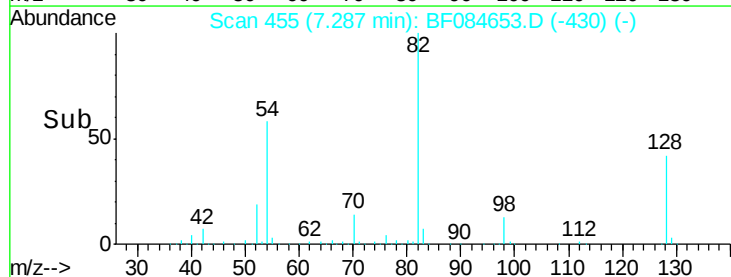


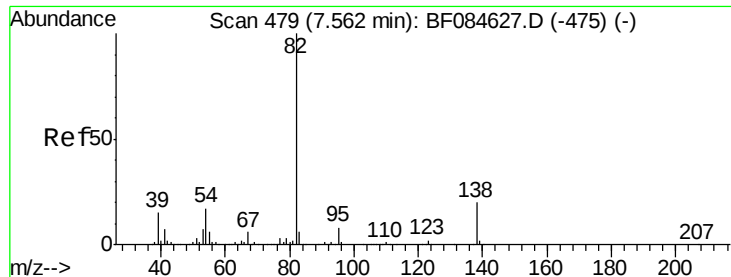
#23
Nitrobenzene-d5
Concen: 55.26 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084653.D
Acq: 29 Jan 2016 23:37

Tgt Ion:	82	Resp:	705168
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	51.8
54	57.6	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: 24.62 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF084653.D

Acq: 29 Jan 2016 23:37

Instrument :

BNA_F

ClientSampleId :

SUP-B011(40-42)

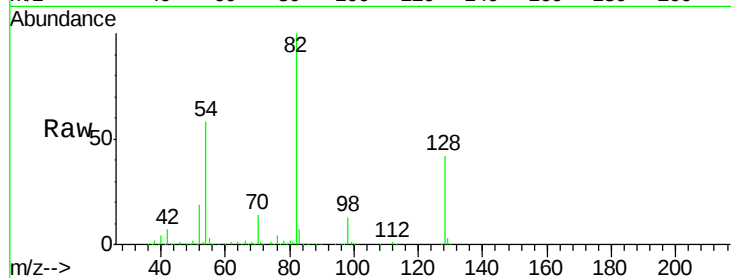
Tgt Ion: 82 Resp: 588549

Ion Ratio Lower Upper

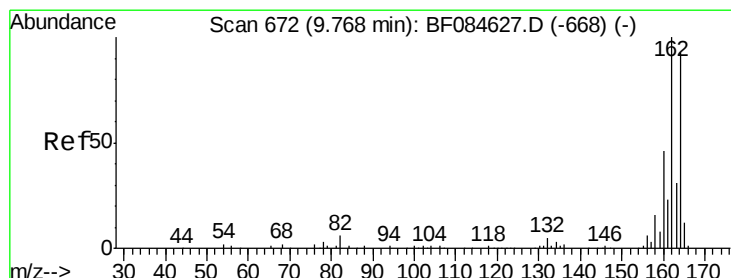
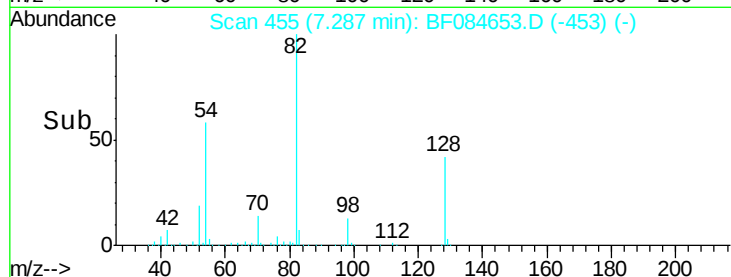
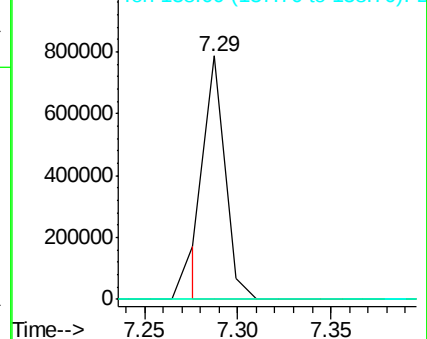
82 100

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: BF084653.D

Acq: 29 Jan 2016 23:37

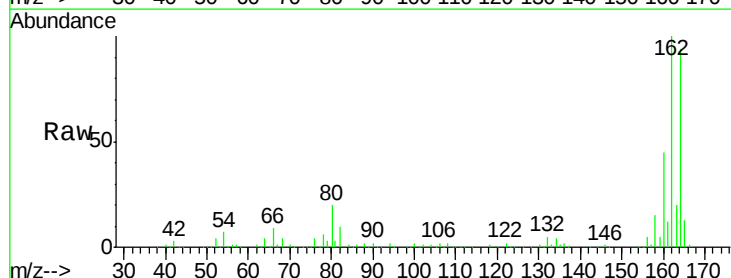
Tgt Ion: 164 Resp: 316206

Ion Ratio Lower Upper

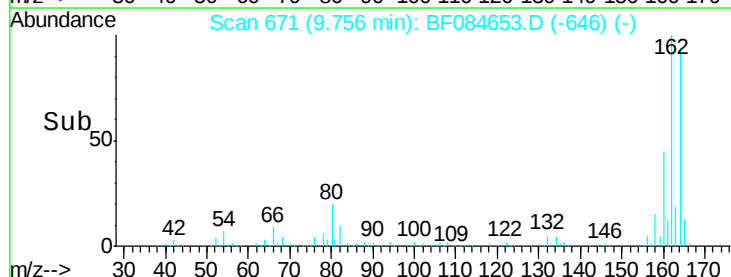
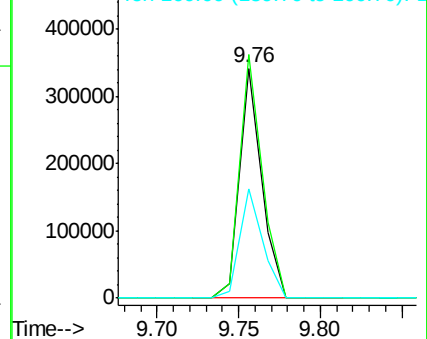
164 100

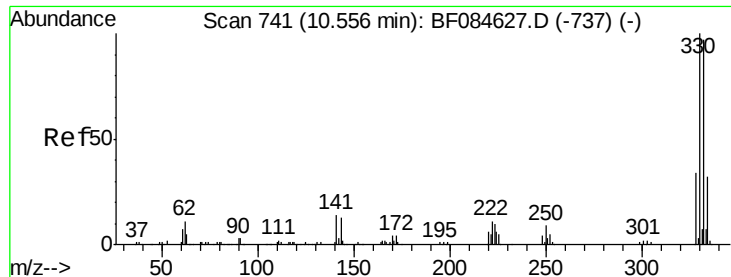
162 106.1 85.1 127.7

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

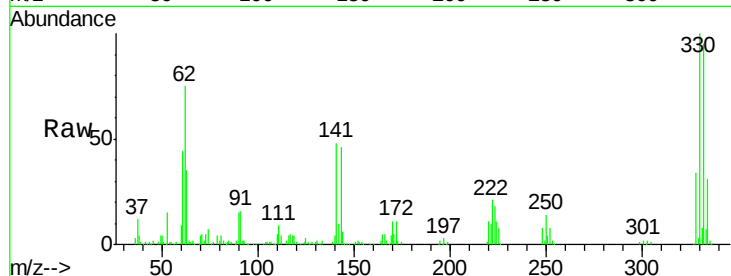




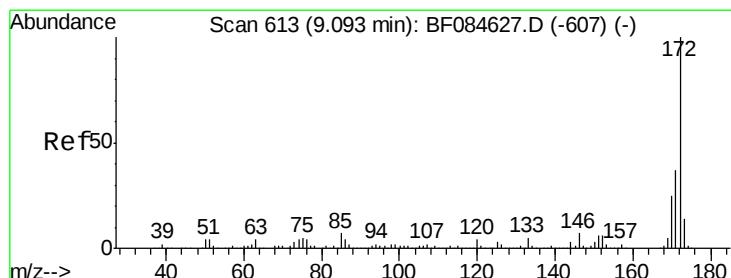
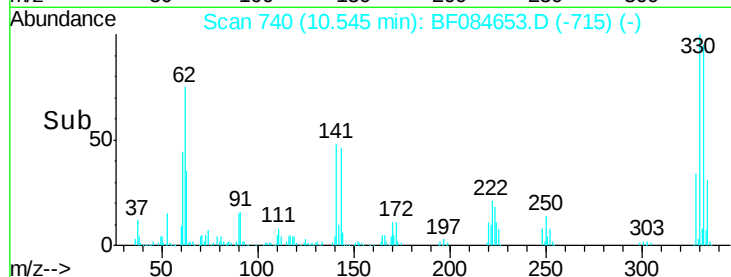
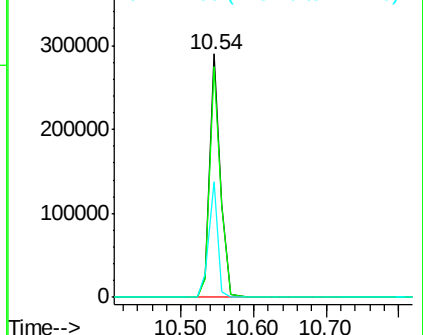
#41
 2,4,6-Tribromophenol
 Concen: 90.12 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084653.D
 Acq: 29 Jan 2016 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B011(40-42)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	114.8
141	40.6	27.8	41.6

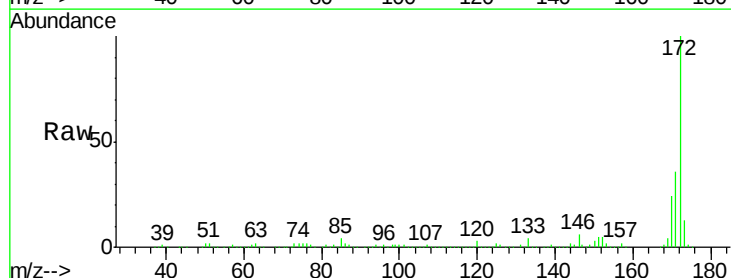


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

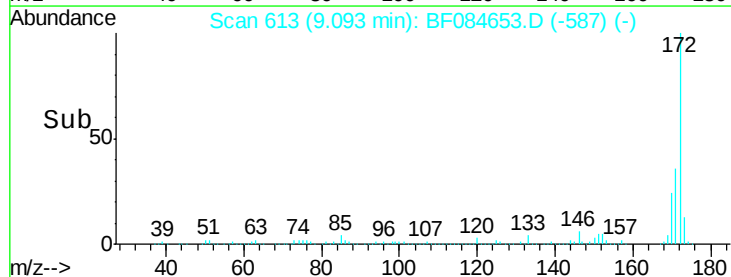
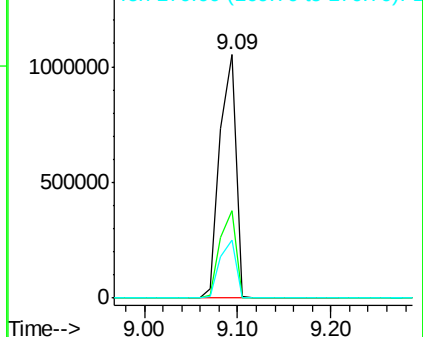


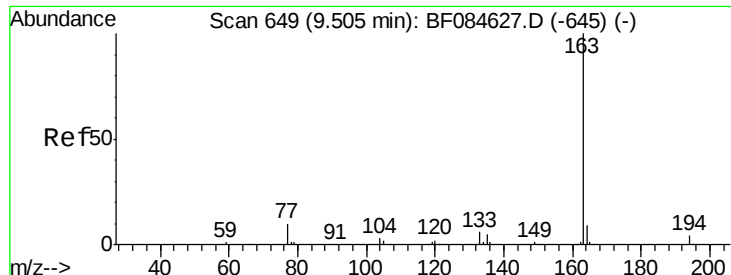
#44
 2-Fluorobiphenyl
 Concen: 59.28 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084653.D
 Acq: 29 Jan 2016 23:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	24.0	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

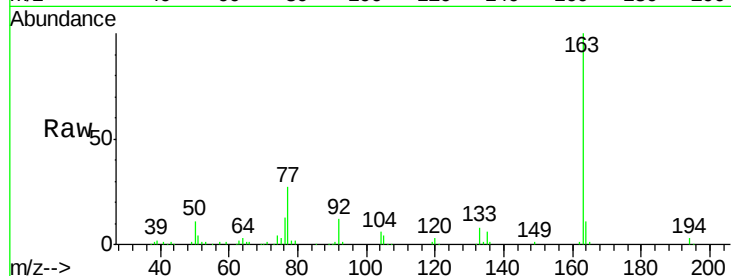




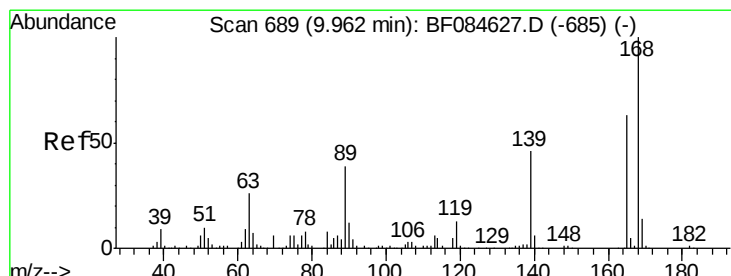
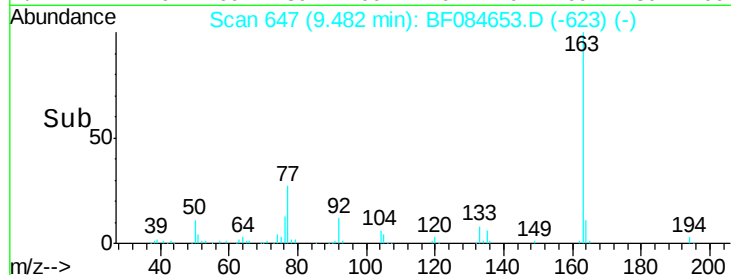
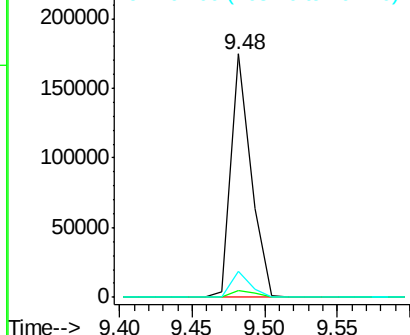
#49
Dimethylphthalate
Concen: 7.06 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084653.D
Acq: 29 Jan 2016 23:37

Instrument :
BNA_F
ClientSampleId :
SUP-B011(40-42)

Tgt Ion:163 Resp: 167518
Ion Ratio Lower Upper
163 100
194 2.8 8.0 12.0#
164 10.5 8.0 12.0

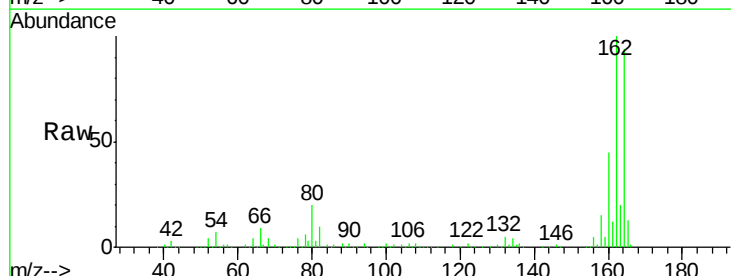


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

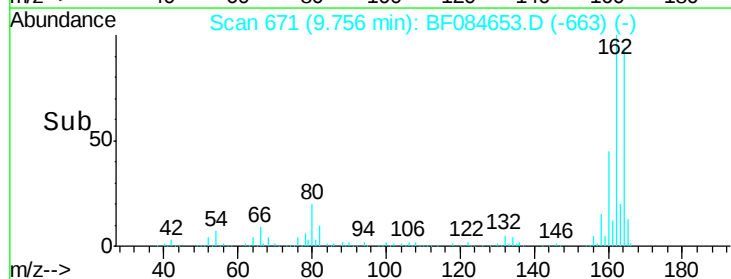
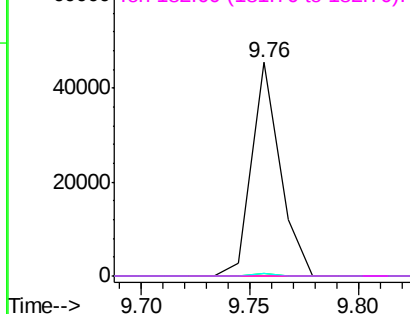


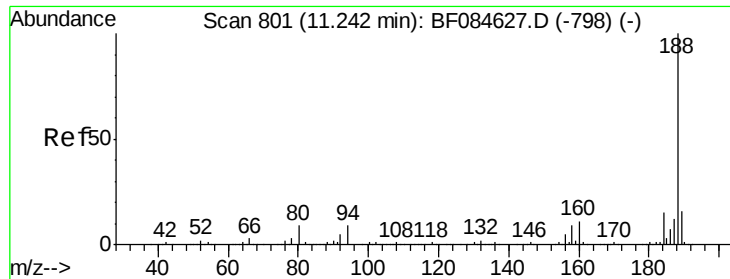
#56
2,4-Dinitrotoluene
Concen: 6.08 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.21 min
Lab File: BF084653.D
Acq: 29 Jan 2016 23:37

Tgt Ion:165 Resp: 41216
Ion Ratio Lower Upper
165 100
63 1.3 36.7 55.1#
89 1.3 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

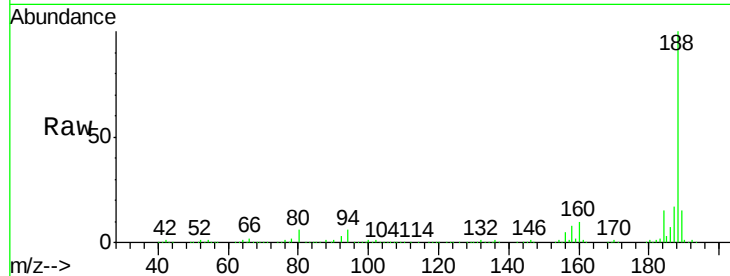




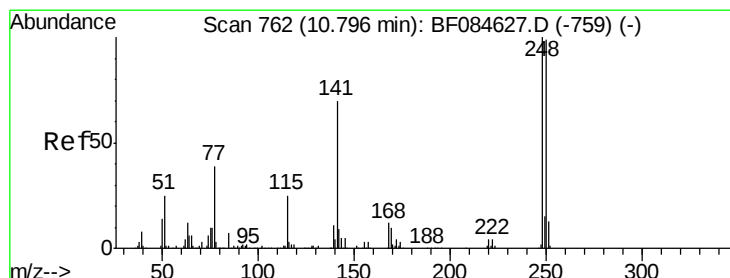
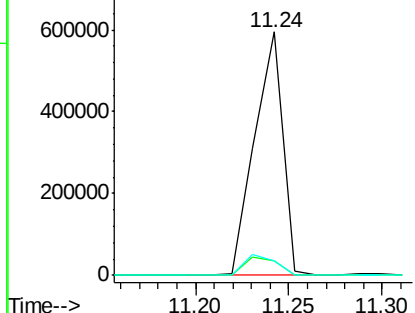
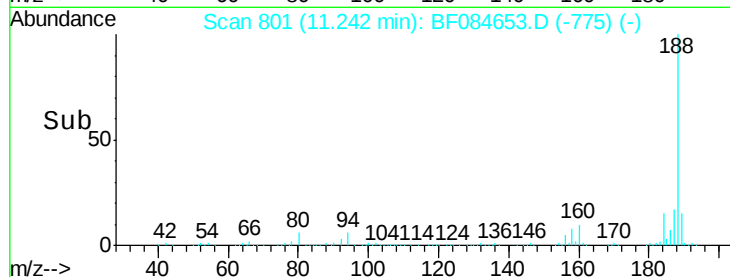
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF084653.D
 Acq: 29 Jan 2016 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B011(40-42)

Tgt Ion:188 Resp: 630526
 Ion Ratio Lower Upper
 188 100
 94 5.8 9.0 13.4#
 80 5.8 9.6 14.4#

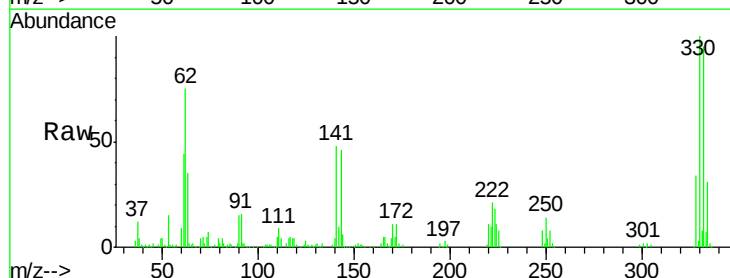


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

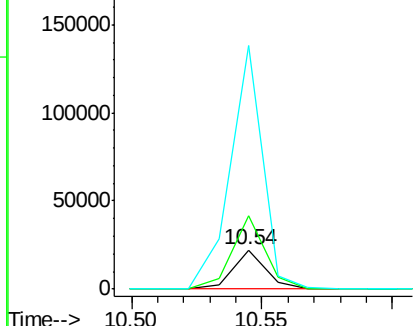
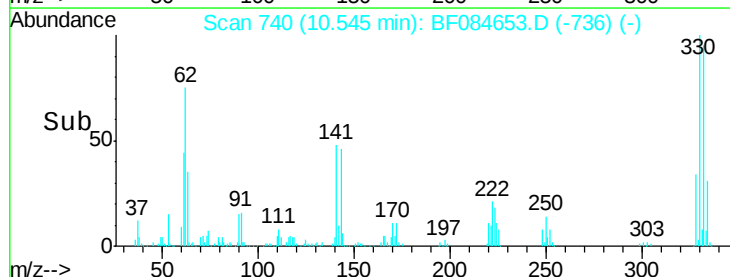


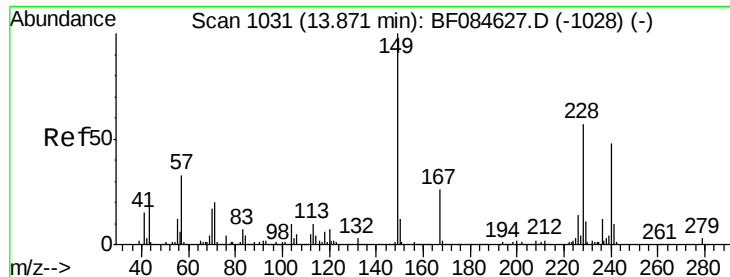
#66
 4-Bromophenyl-phenylether
 Concen: 2.72 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.25 min
 Lab File: BF084653.D
 Acq: 29 Jan 2016 23:37

Tgt Ion:248 Resp: 19316
 Ion Ratio Lower Upper
 248 100
 250 188.5 78.4 117.6#
 141 626.5 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: BF084653.D

Acq: 29 Jan 2016 23:37

Instrument :

BNA_F

ClientSampleId :

SUP-B011(40-42)

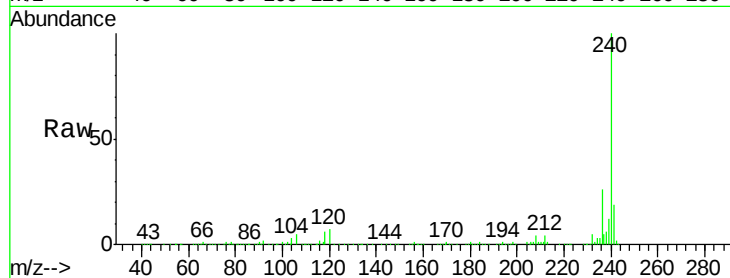
Tgt Ion:240 Resp: 493191

Ion Ratio Lower Upper

240 100

120 7.3 9.5 14.3#

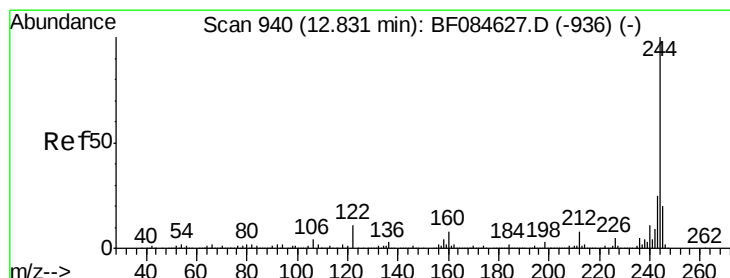
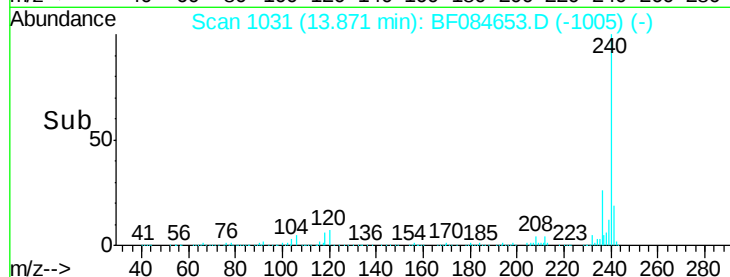
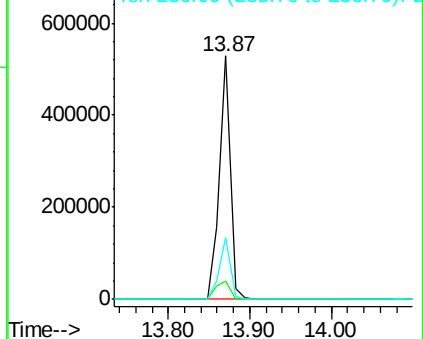
236 25.6 20.6 31.0



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: 47.23 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084653.D

Acq: 29 Jan 2016 23:37

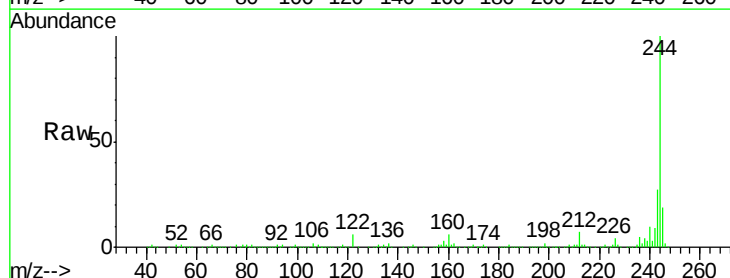
Tgt Ion:244 Resp: 1031339

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

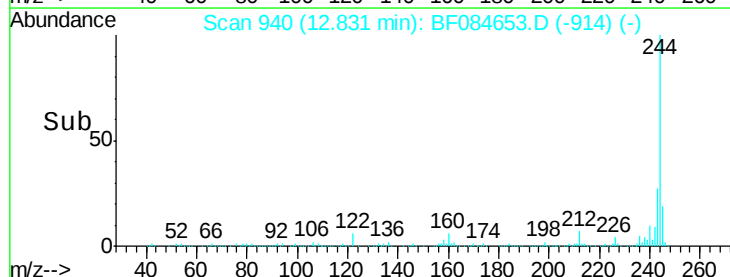
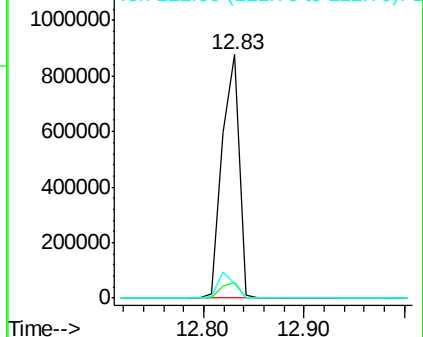
122 6.1 7.4 11.0#

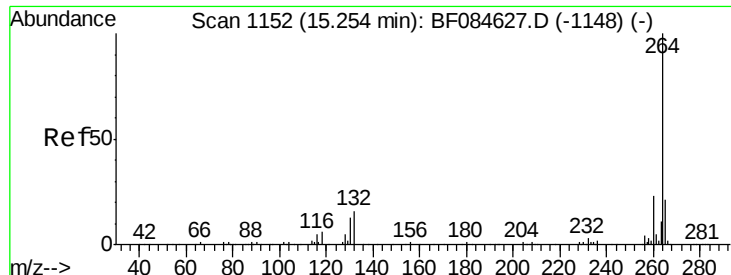


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

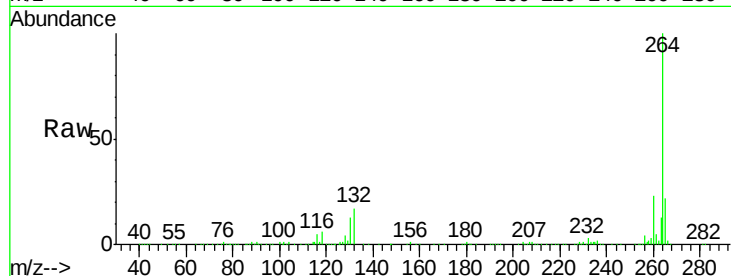




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084653.D
Acq: 29 Jan 2016 23:37

Instrument :
BNA_F
ClientSampleId :
SUP-B011(40-42)

Tgt Ion: 264 Resp: 452410
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 21.9 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

