

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084643.D
 Acq On : 29 Jan 2016 18:32
 Operator : SJ/IZ
 Sample : H1272-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B014(45-47)

Quant Time: Jan 29 23:07:08 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

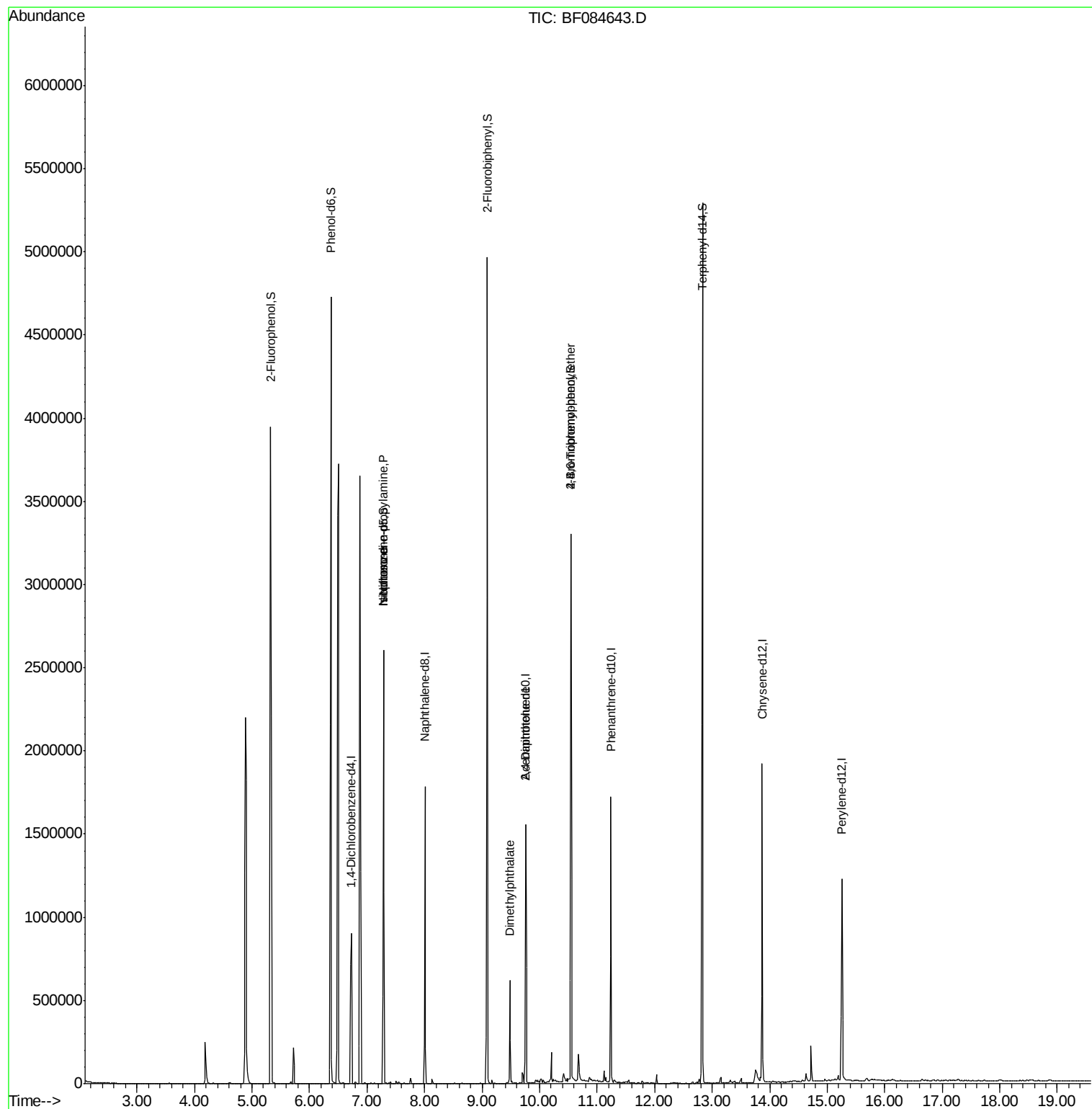
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	184509	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	756961	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	340884	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	693317	20.00	ng	0.00
75) Chrysene-d12	13.87	240	667755	20.00	ng	0.00
86) Perylene-d12	15.25	264	526511	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1347012	110.20	ng	0.01
7) Phenol-d6	6.37	99	1652116	112.77	ng	0.00
23) Nitrobenzene-d5	7.29	82	993139	73.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	458438	128.32	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1876732	81.83	ng	0.00
78) Terphenyl-d14	12.83	244	1695646	57.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	131309	14.67	ng	# 70
25) Isophorone	7.29	82	872716	34.39	ng	# 66
49) Dimethylphthalate	9.48	163	272202	10.64	ng	# 89
56) 2,4-Dinitrotoluene	9.76	165	43225	5.91	ng	# 21
66) 4-Bromophenyl-phenylether	10.54	248	25653	3.29	ng	# 1

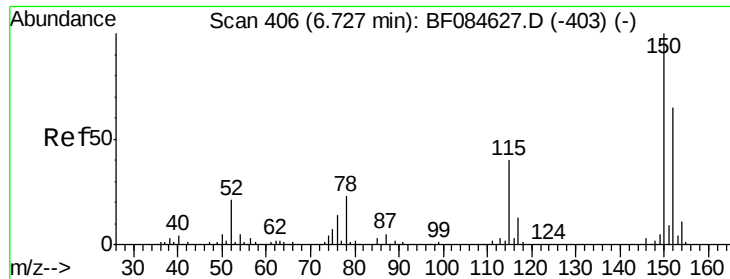
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084643.D

Acq: 29 Jan 2016 18:32

Instrument :

BNA_F

ClientSampleId :

SUP-B014(45-47)

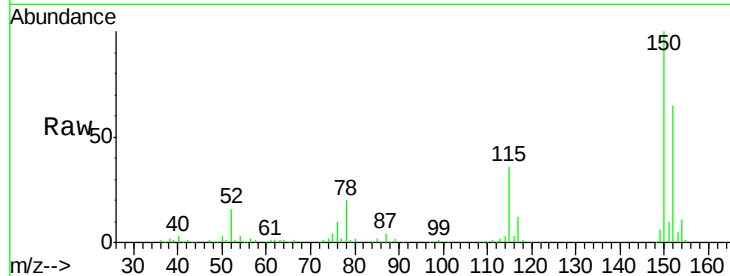
Tgt Ion:152 Resp: 184509

Ion Ratio Lower Upper

152 100

150 153.6 123.0 184.4

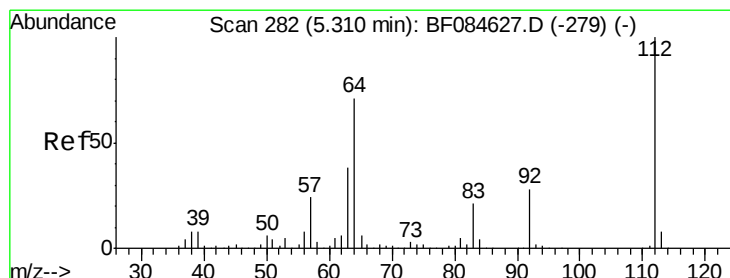
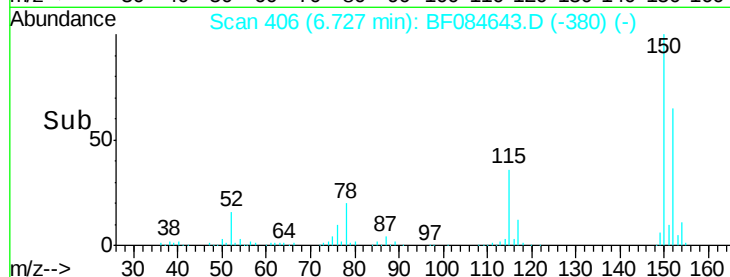
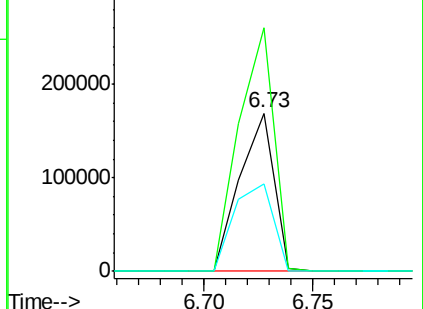
115 54.8 51.4 77.2



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: 110.20 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084643.D

Acq: 29 Jan 2016 18:32

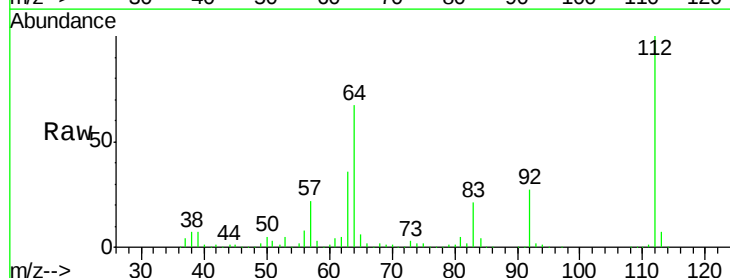
Tgt Ion:112 Resp: 1347012

Ion Ratio Lower Upper

112 100

64 67.4 36.6 55.0#

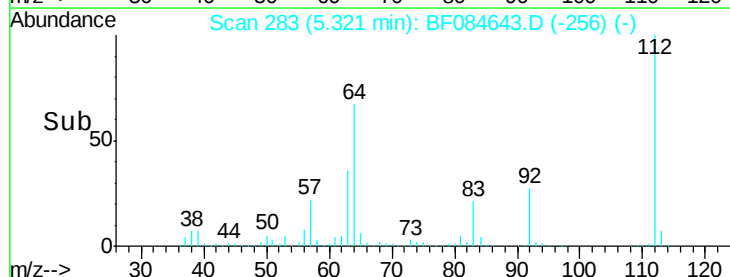
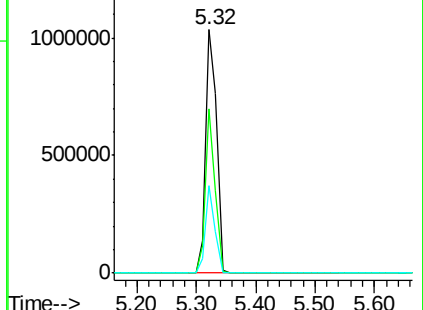
63 35.7 19.4 29.0#

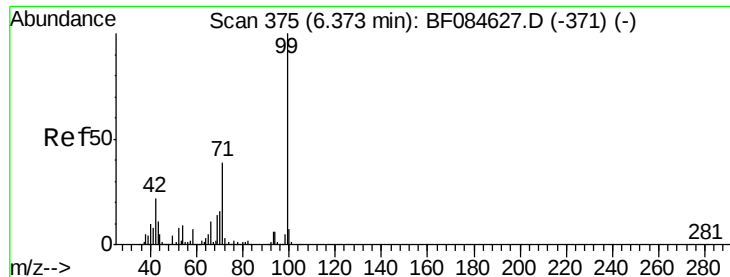


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.77 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084643.D

Acq: 29 Jan 2016 18:32

Instrument :

BNA_F

ClientSampleId :

SUP-B014(45-47)

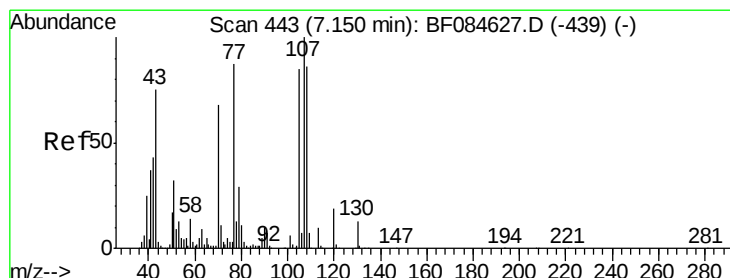
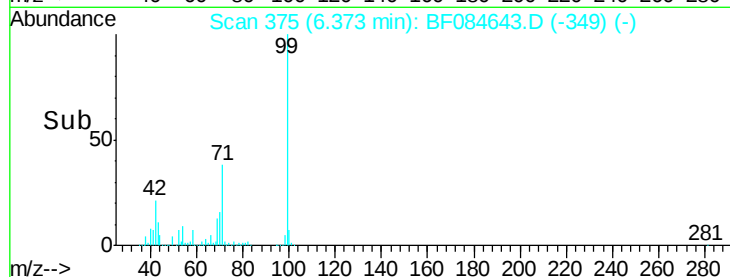
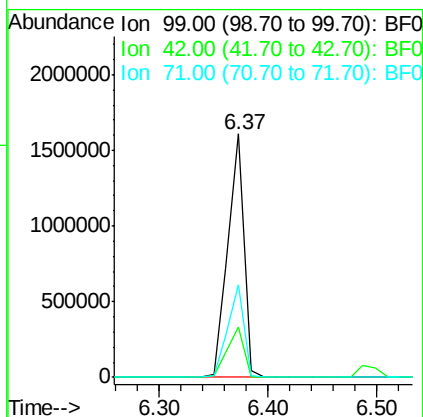
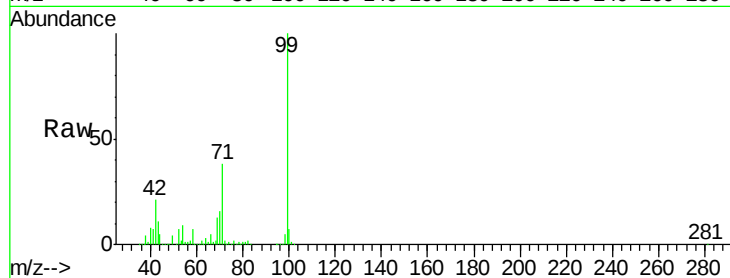
Tgt Ion: 99 Resp: 1652116

Ion Ratio Lower Upper

99 100

42 20.5 12.8 19.2#

71 38.2 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.67 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF084643.D

Acq: 29 Jan 2016 18:32

Tgt Ion: 70 Resp: 131309

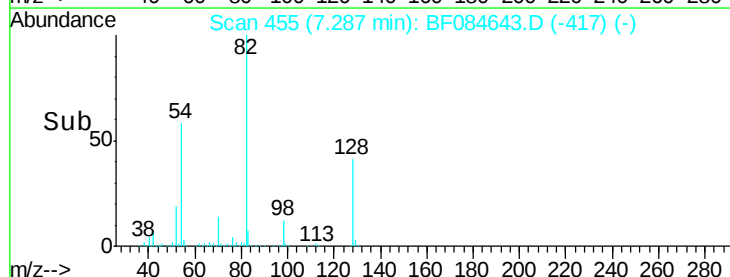
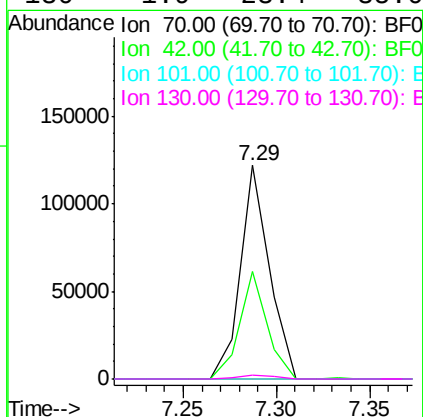
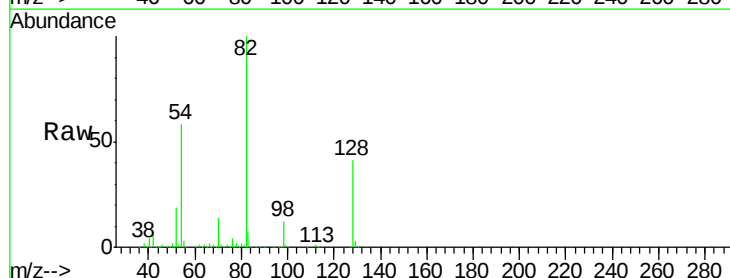
Ion Ratio Lower Upper

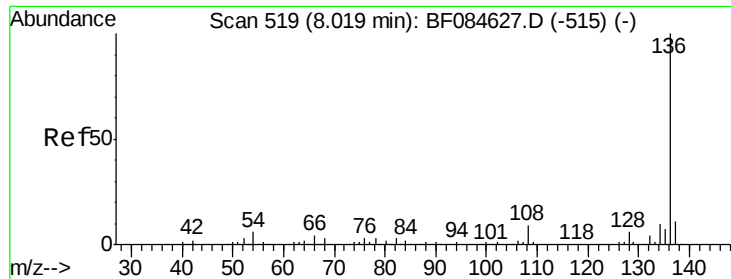
70 100

42 50.6 33.3 49.9#

101 0.0 9.3 13.9#

130 1.9 23.4 35.0#

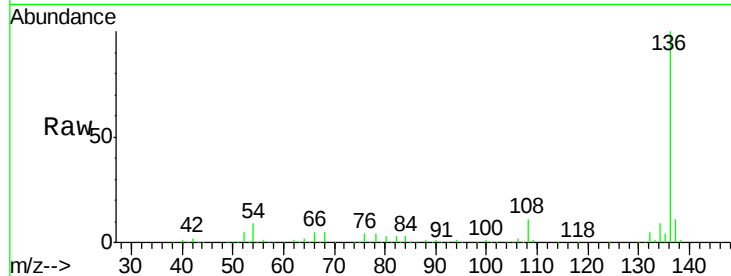




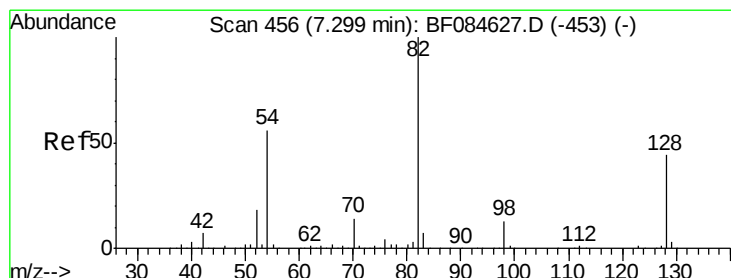
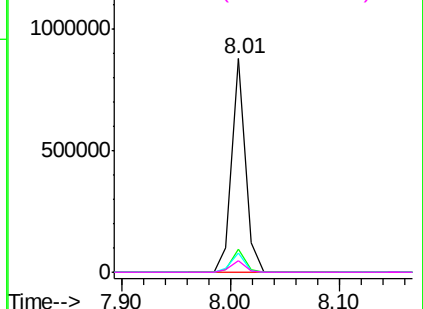
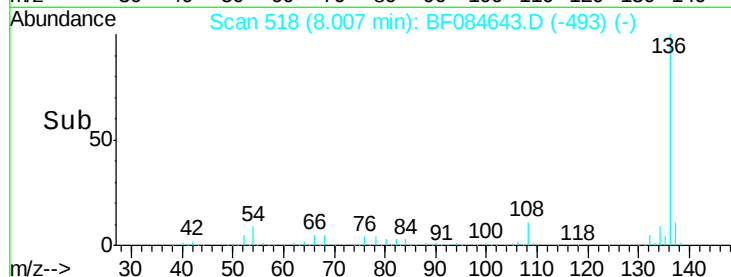
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084643.D
Acq: 29 Jan 2016 18:32

Instrument :
BNA_F
ClientSampleId :
SUP-B014(45-47)

Tgt Ion:	136	Resp:	756961
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.9	5.8	8.8#
68	5.3	4.2	6.2

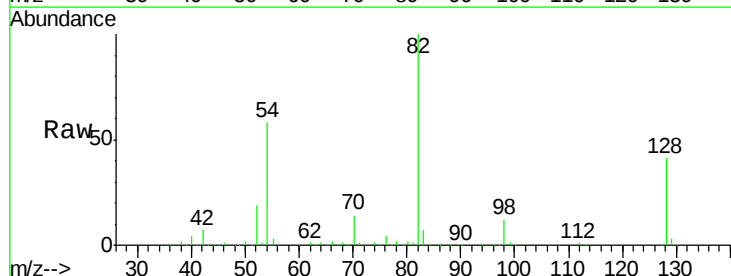


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

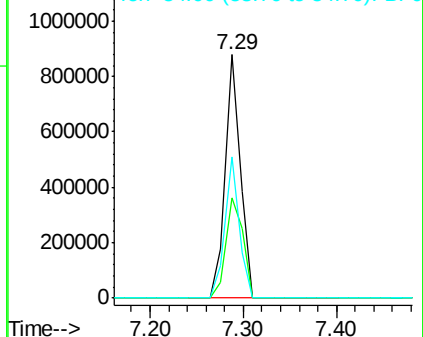
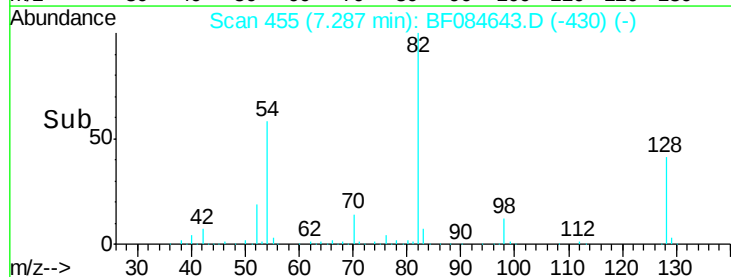


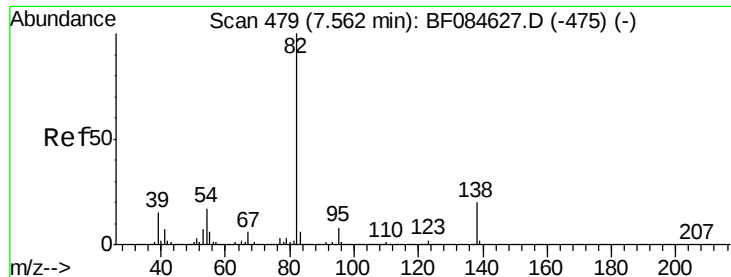
#23
Nitrobenzene-d5
Concen: 73.32 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084643.D
Acq: 29 Jan 2016 18:32

Tgt Ion:	82	Resp:	993139
Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	51.8
54	58.0	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: 34.39 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF084643.D

Acq: 29 Jan 2016 18:32

Instrument :

BNA_F

ClientSampleId :

SUP-B014(45-47)

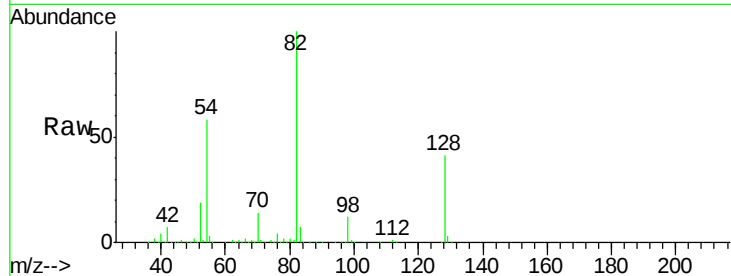
Tgt Ion: 82 Resp: 872716

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

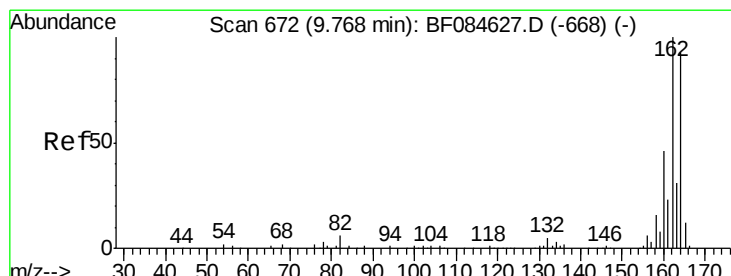
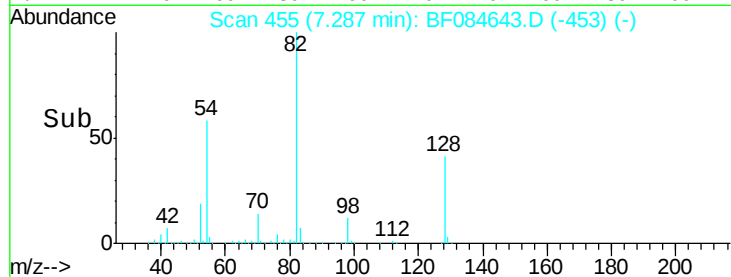
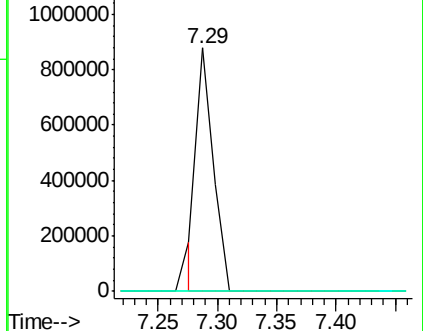
138 0.0 13.6 20.4#



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: BF084643.D

Acq: 29 Jan 2016 18:32

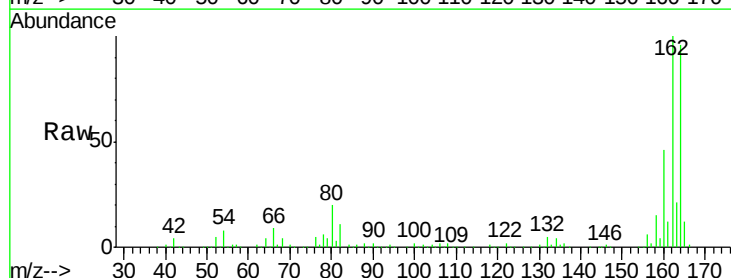
Tgt Ion: 164 Resp: 340884

Ion Ratio Lower Upper

164 100

162 104.0 85.1 127.7

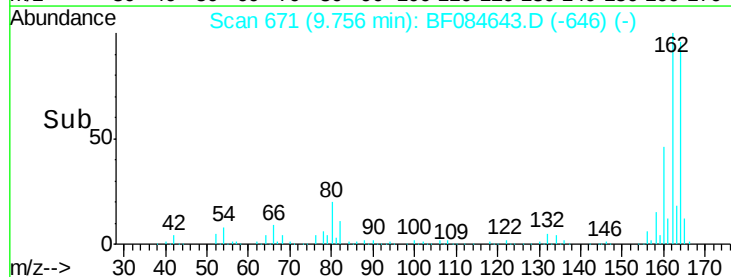
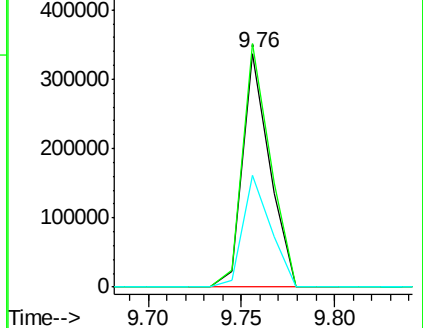
160 47.9 37.5 56.3

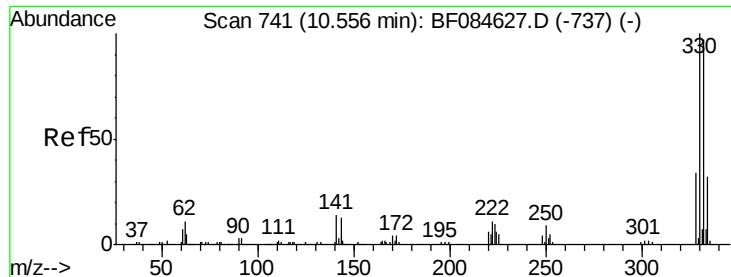


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

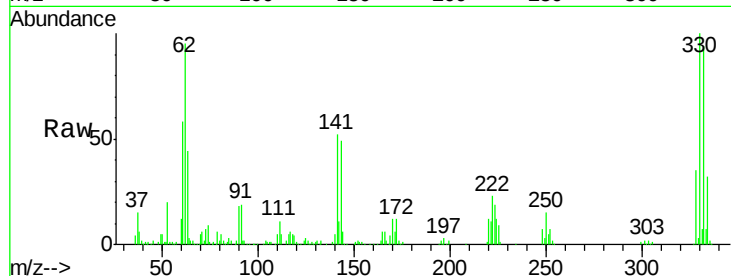




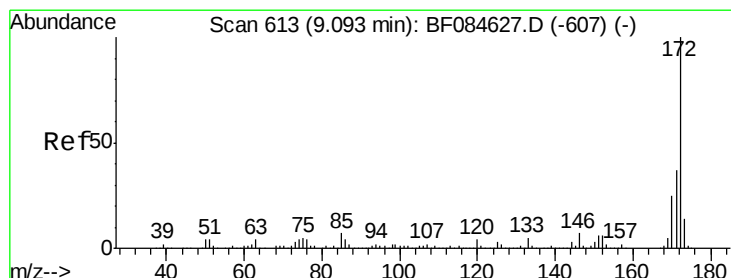
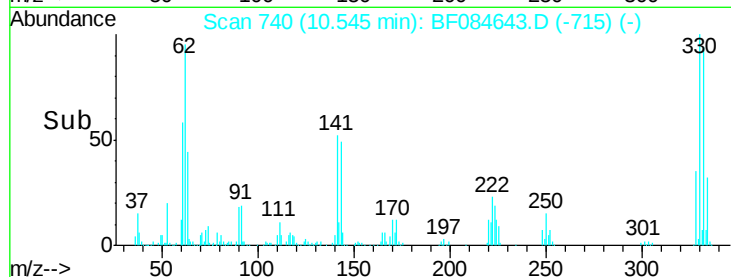
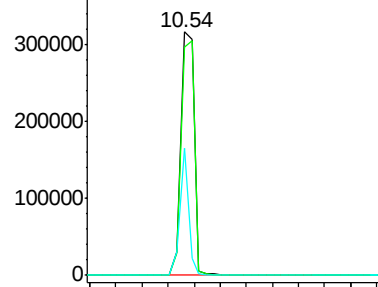
#41
 2,4,6-Tribromophenol
 Concen: 128.32 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084643.D
 Acq: 29 Jan 2016 18:32

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B014(45-47)

Tgt Ion:330 Resp: 458438
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 33.2 27.8 41.6

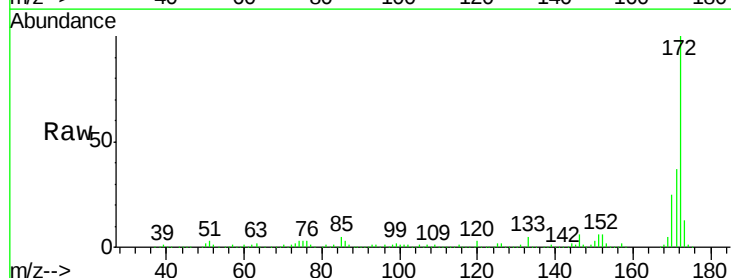


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

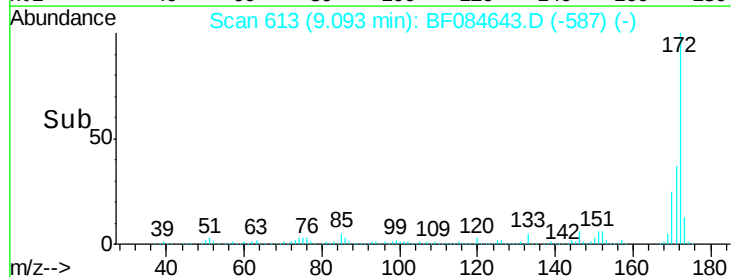
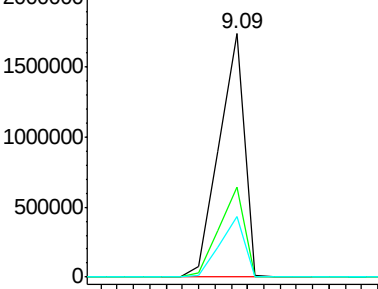


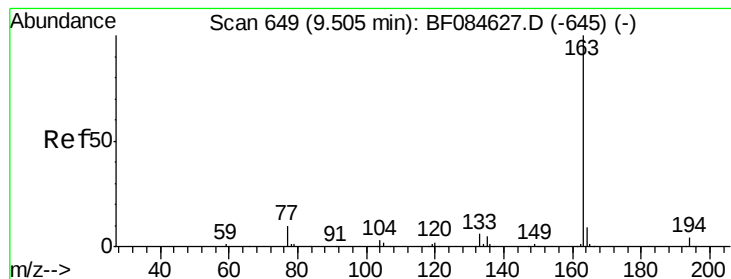
#44
 2-Fluorobiphenyl
 Concen: 81.83 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084643.D
 Acq: 29 Jan 2016 18:32

Tgt Ion:172 Resp: 1876732
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 25.0 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: 10.64 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF084643.D

Acq: 29 Jan 2016 18:32

Instrument :

BNA_F

ClientSampleId :

SUP-B014(45-47)

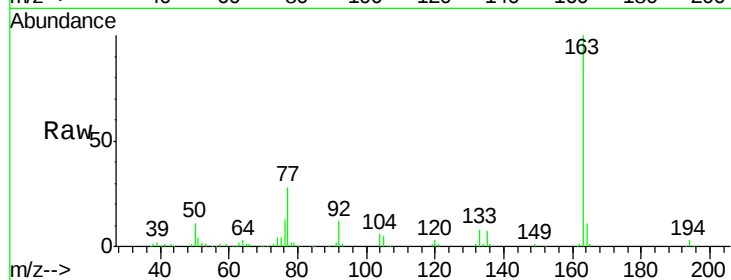
Tgt Ion:163 Resp: 272202

Ion Ratio Lower Upper

163 100

194 2.7 8.0 12.0#

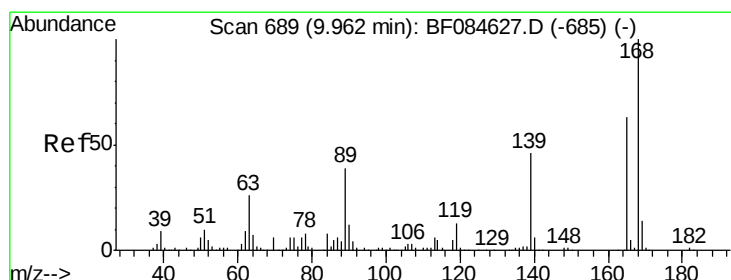
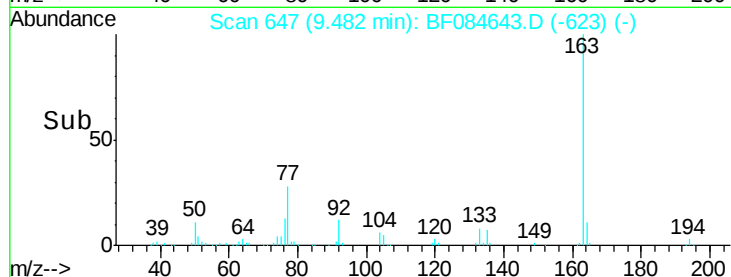
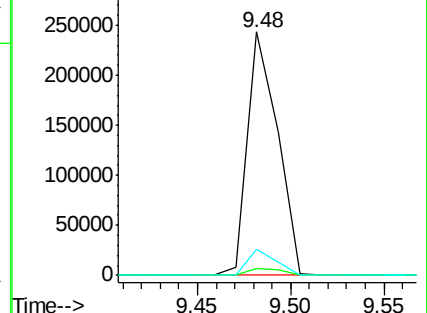
164 10.8 8.0 12.0



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: 5.91 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.21 min

Lab File: BF084643.D

Acq: 29 Jan 2016 18:32

Tgt Ion:165 Resp: 43225

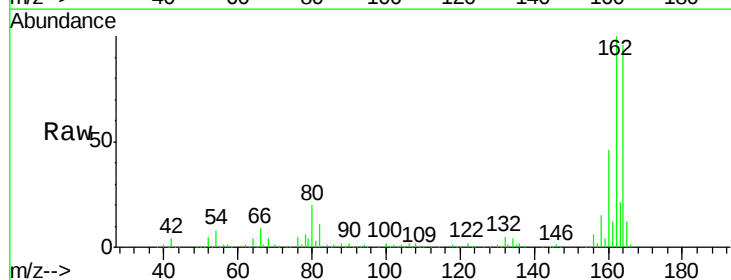
Ion Ratio Lower Upper

165 100

63 1.0 36.7 55.1#

89 1.3 61.9 92.9#

182 0.0 2.0 3.0#

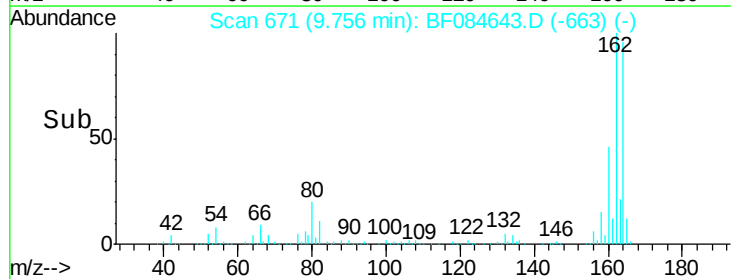
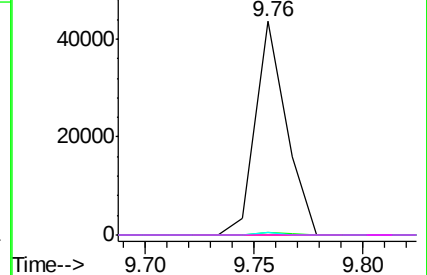


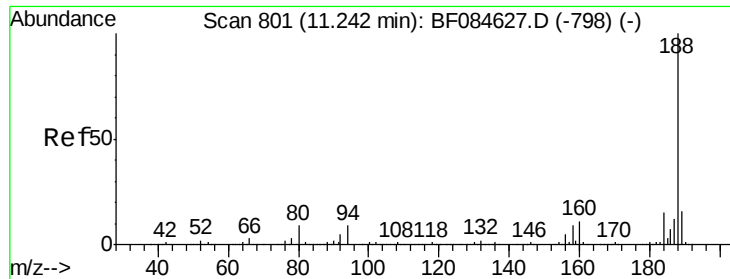
Abundance Ion 165.00 (164.70 to 165.70): E

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

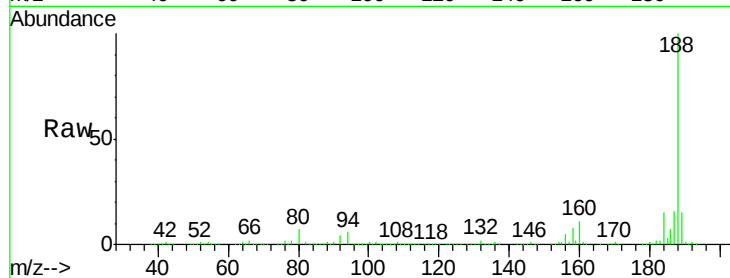




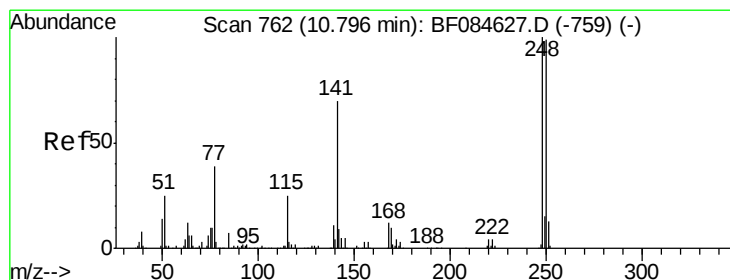
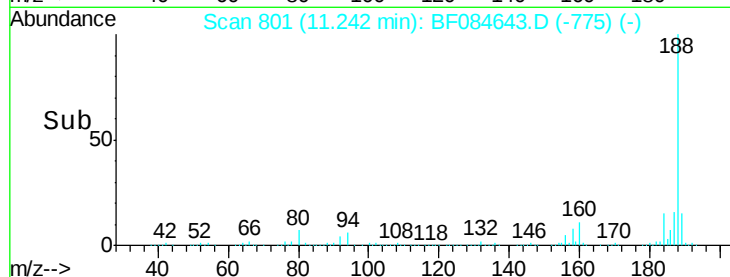
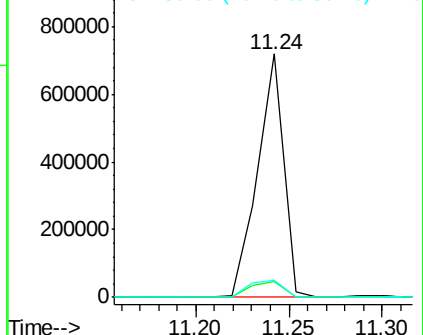
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF084643.D
 Acq: 29 Jan 2016 18:32

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B014(45-47)

Tgt Ion:188 Resp: 693317
 Ion Ratio Lower Upper
 188 100
 94 6.5 9.0 13.4#
 80 7.1 9.6 14.4#

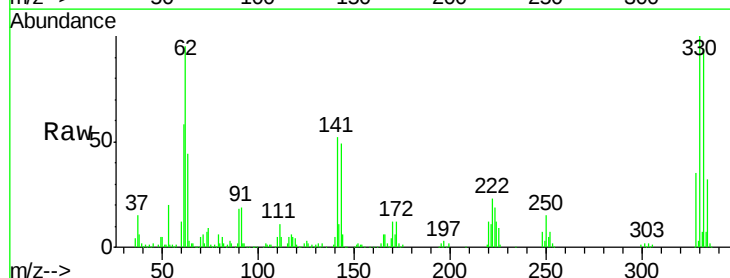


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

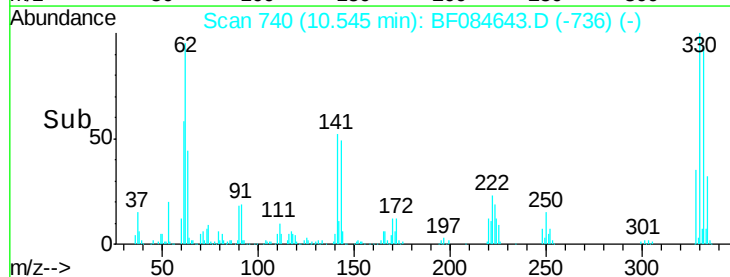
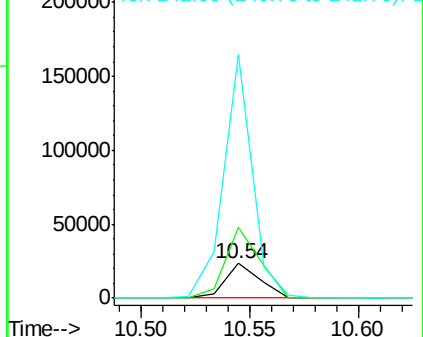


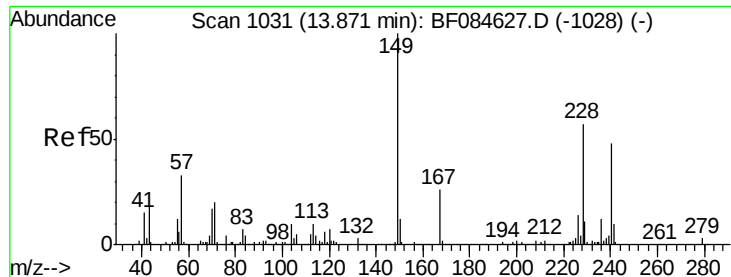
#66
 4-Bromophenyl-phenylether
 Concen: 3.29 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.25 min
 Lab File: BF084643.D
 Acq: 29 Jan 2016 18:32

Tgt Ion:248 Resp: 25653
 Ion Ratio Lower Upper
 248 100
 250 203.7 78.4 117.6#
 141 699.9 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: BF084643.D

Acq: 29 Jan 2016 18:32

Instrument :

BNA_F

ClientSampleId :

SUP-B014(45-47)

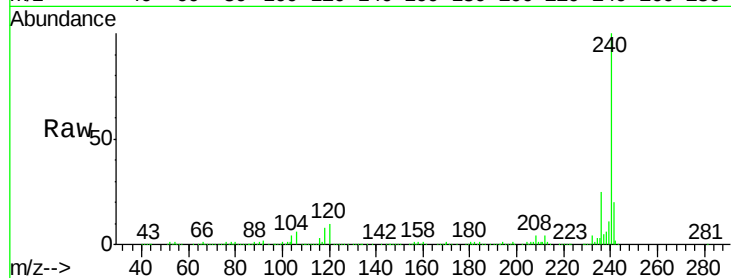
Tgt Ion:240 Resp: 667755

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

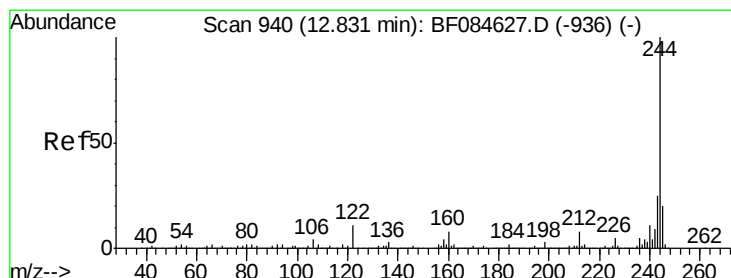
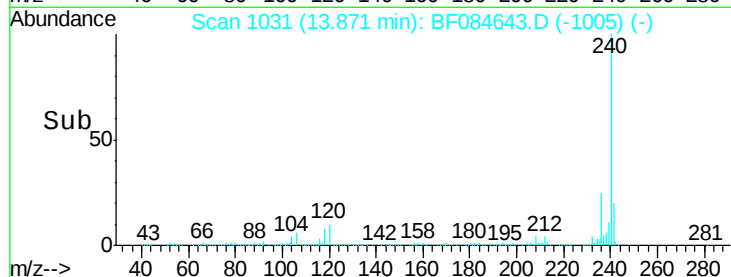
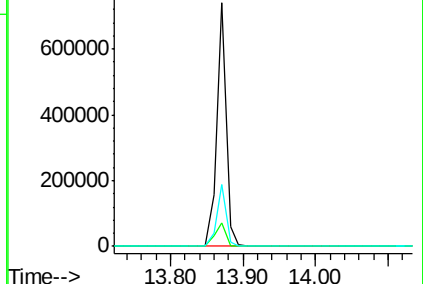
236 25.5 20.6 31.0



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: 57.35 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084643.D

Acq: 29 Jan 2016 18:32

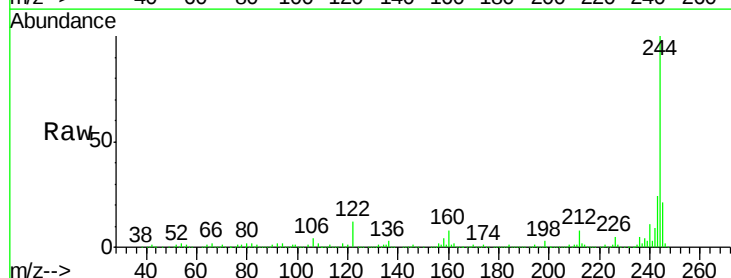
Tgt Ion:244 Resp: 1695646

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

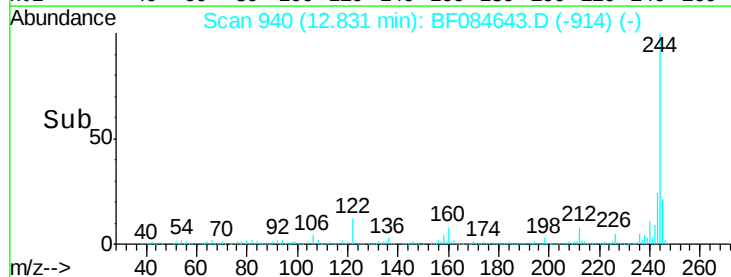
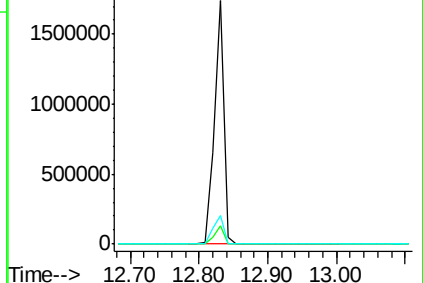
122 11.6 7.4 11.0#

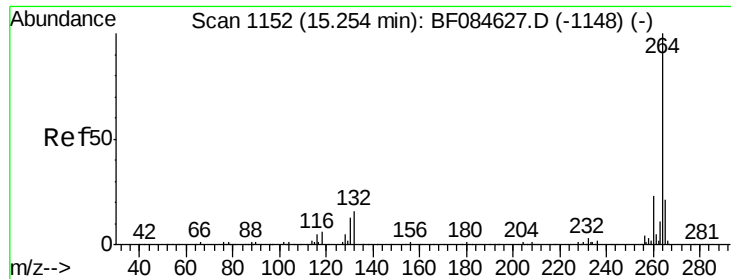


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF084643.D
Acq: 29 Jan 2016 18:32

Instrument :
BNA_F
ClientSampleId :
SUP-B014(45-47)

Tgt Ion: 264 Resp: 526511
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 22.0 17.8 26.6

