

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084640.D
 Acq On : 29 Jan 2016 17:09
 Operator : SJ/IZ
 Sample : H1257-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B016(12.5-13)

Quant Time: Jan 29 23:06:34 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

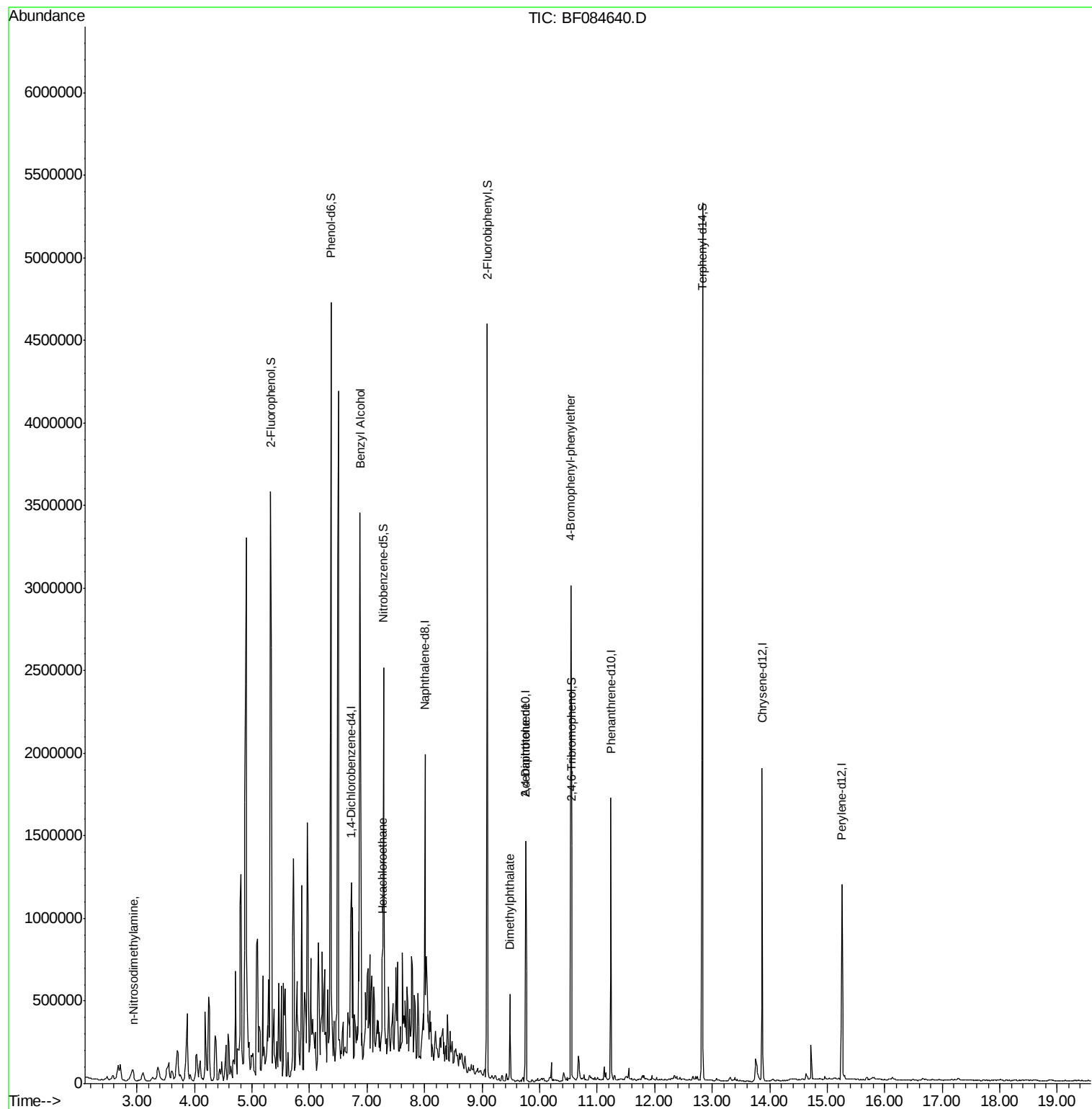
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	170453	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	644168	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	319002	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	655140	20.00	ng	0.00
75) Chrysene-d12	13.87	240	635027	20.00	ng	0.00
86) Perylene-d12	15.25	264	512057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1287184	113.99	ng	0.01
7) Phenol-d6	6.37	99	1523337	112.55	ng	0.00
23) Nitrobenzene-d5	7.29	82	926769	80.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	448656	134.19	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1682033	78.37	ng	0.00
78) Terphenyl-d14	12.83	244	1639645	58.31	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	2.93	42	14029	2.05	ng	# 1
15) Benzyl Alcohol	6.88	79	21514	2.34	ng	# 51
18) Hexachloroethane	7.26	117	16664	3.23	ng	# 1
49) Dimethylphthalate	9.48	163	241871	10.10	ng	# 89
56) 2,4-Dinitrotoluene	9.76	165	40818	5.96	ng	# 22
66) 4-Bromophenyl-phenylether	10.54	248	25346	3.44	ng	# 1

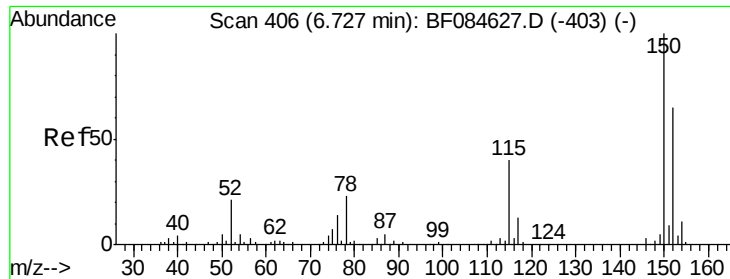
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084640.D

Acq: 29 Jan 2016 17:09

Instrument :

BNA_F

ClientSampleId :

SUP-B016(12.5-13)

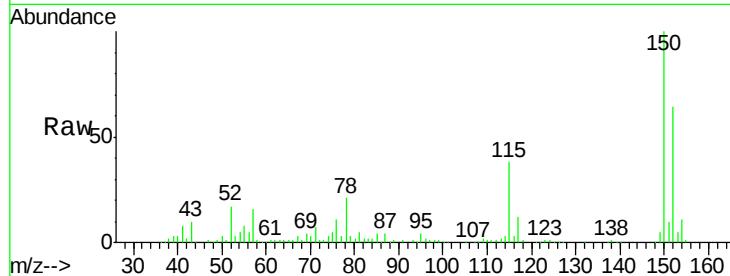
Tgt Ion:152 Resp: 170453

Ion Ratio Lower Upper

152 100

150 156.0 123.0 184.4

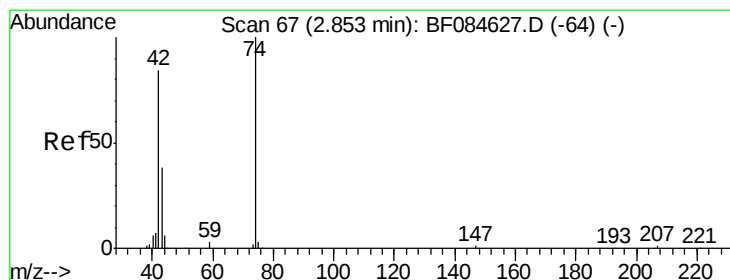
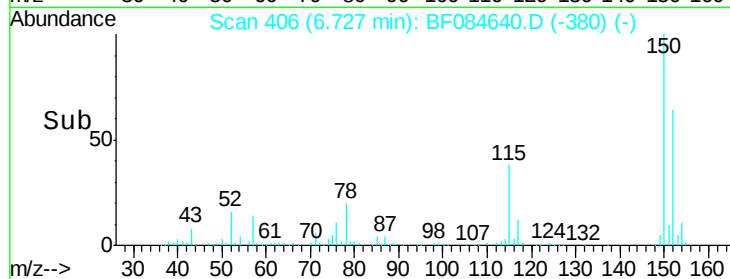
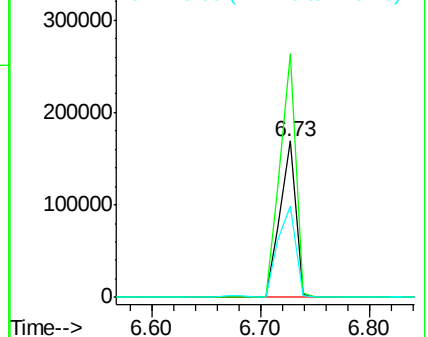
115 58.6 51.4 77.2



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



#4

n-Nitrosodimethylamine

Concen: 2.05 ng

RT: 2.93 min Scan# 74

Delta R.T. 0.08 min

Lab File: BF084640.D

Acq: 29 Jan 2016 17:09

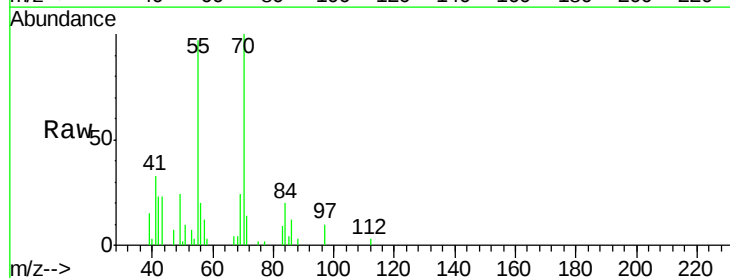
Tgt Ion: 42 Resp: 14029

Ion Ratio Lower Upper

42 100

74 0.0 115.7 173.5#

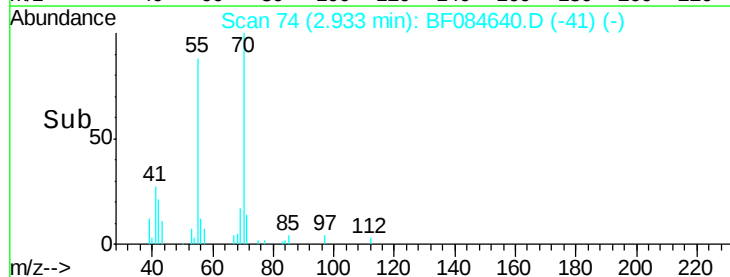
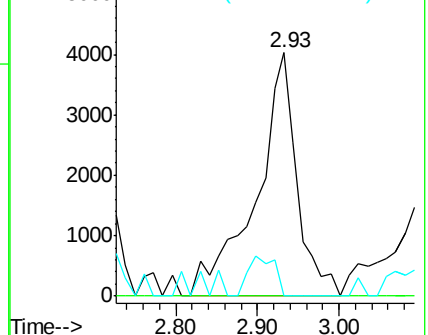
44 0.0 5.1 7.7#

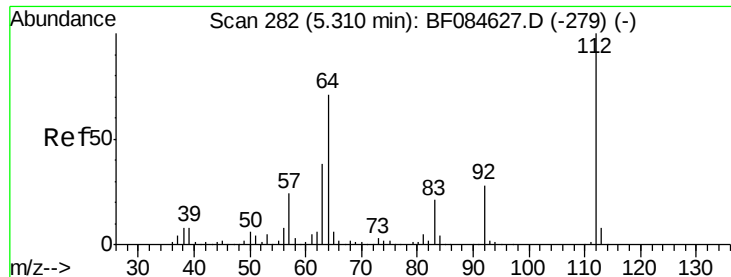


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 113.99 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084640.D

Acq: 29 Jan 2016 17:09

Instrument :

BNA_F

ClientSampleId :

SUP-B016(12.5-13)

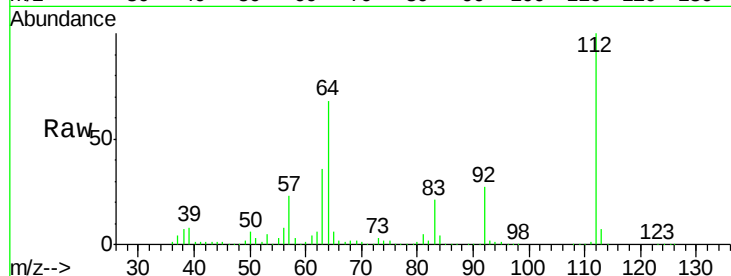
Tgt Ion:112 Resp: 1287184

Ion Ratio Lower Upper

112 100

64 67.8 36.6 55.0#

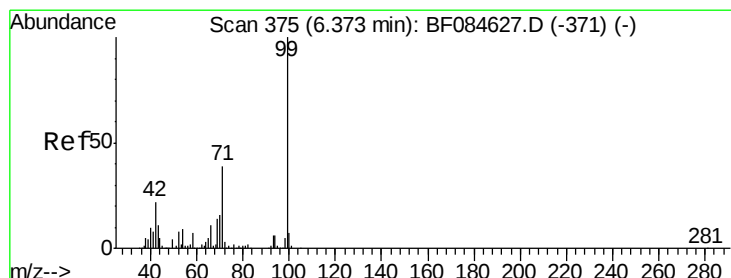
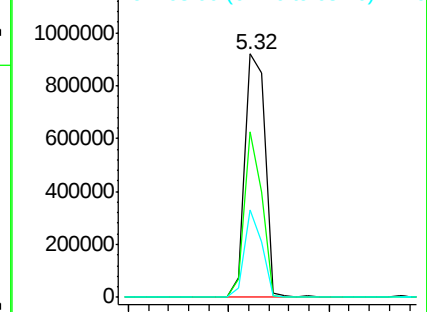
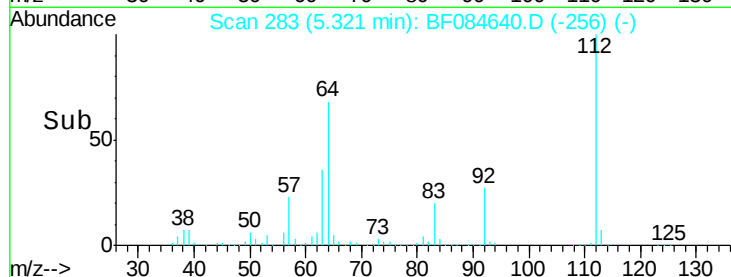
63 35.7 19.4 29.0#



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: 112.55 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084640.D

Acq: 29 Jan 2016 17:09

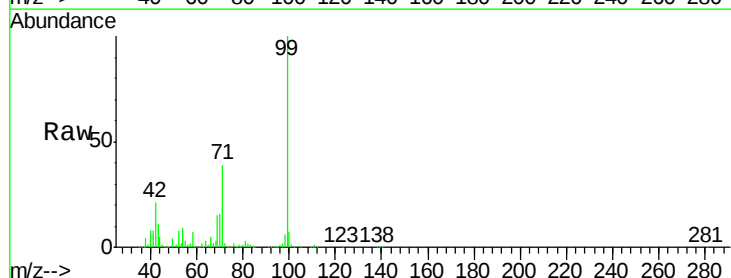
Tgt Ion: 99 Resp: 1523337

Ion Ratio Lower Upper

99 100

42 21.1 12.8 19.2#

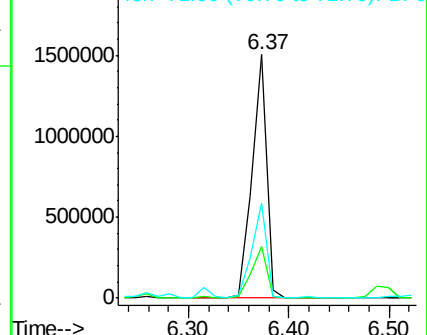
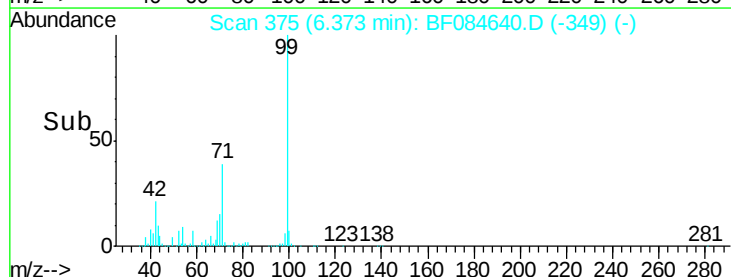
71 39.1 30.9 46.3

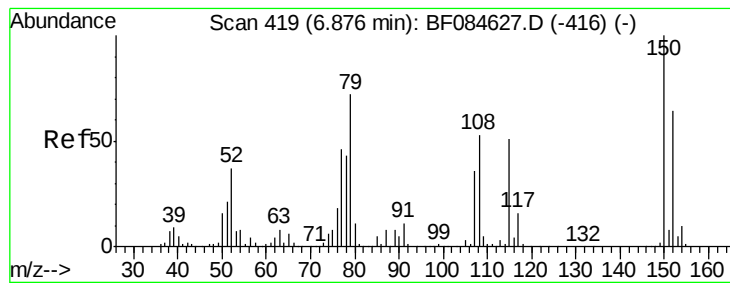


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.34 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF084640.D

Acq: 29 Jan 2016 17:09

Instrument :

BNA_F

ClientSampleId :

SUP-B016(12.5-13)

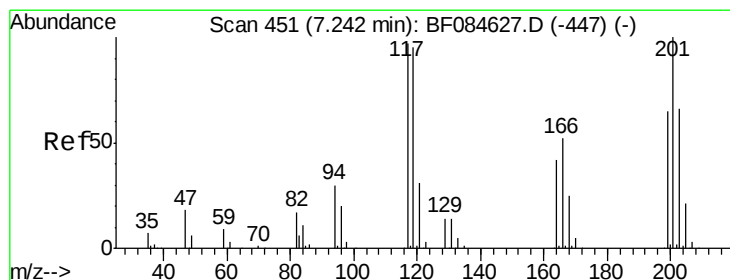
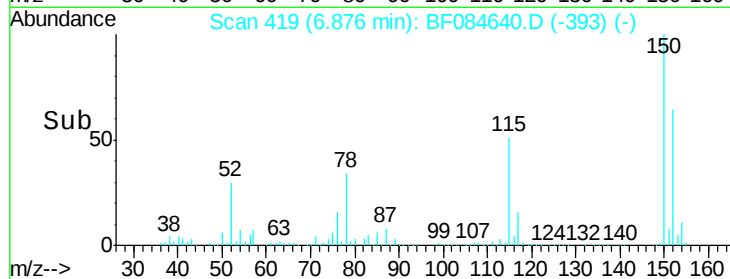
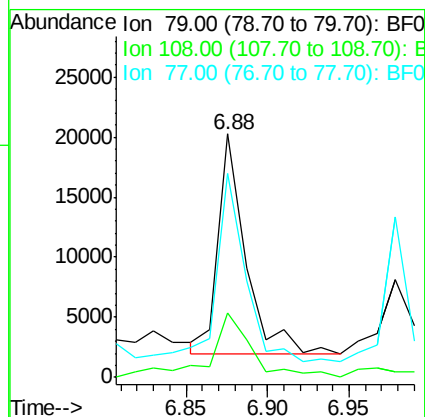
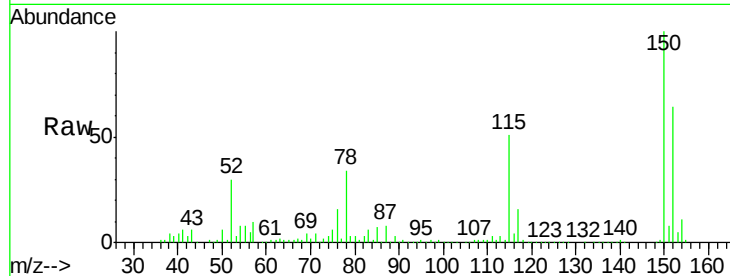
Tgt Ion: 79 Resp: 21514

Ion Ratio Lower Upper

79 100

108 26.6 69.0 103.4#

77 83.9 50.0 75.0#



#18

Hexachloroethane

Concen: 3.23 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.02 min

Lab File: BF084640.D

Acq: 29 Jan 2016 17:09

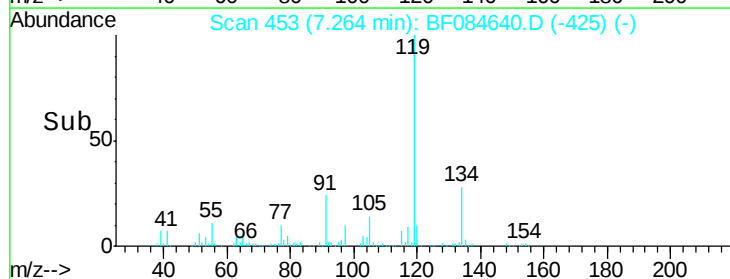
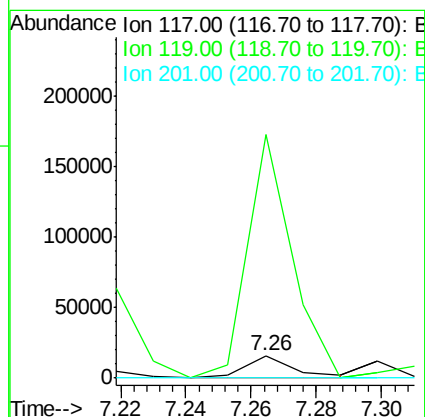
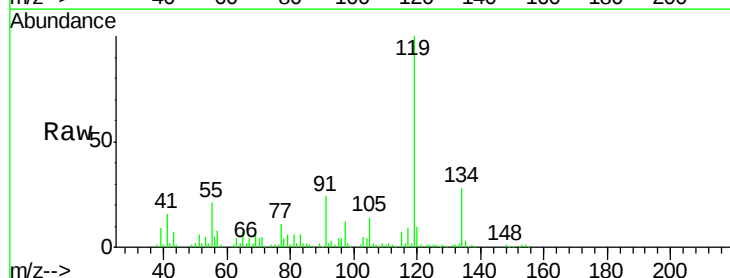
Tgt Ion: 117 Resp: 16664

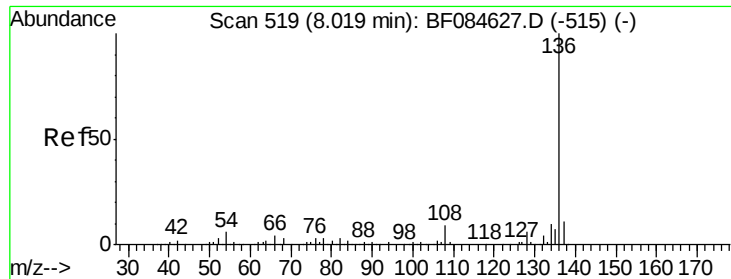
Ion Ratio Lower Upper

117 100

119 1085.6 77.4 116.0#

201 0.0 68.6 103.0#

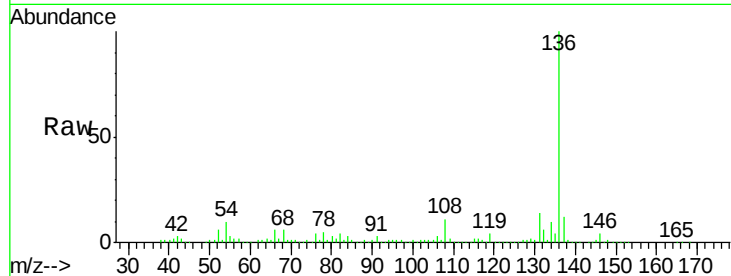




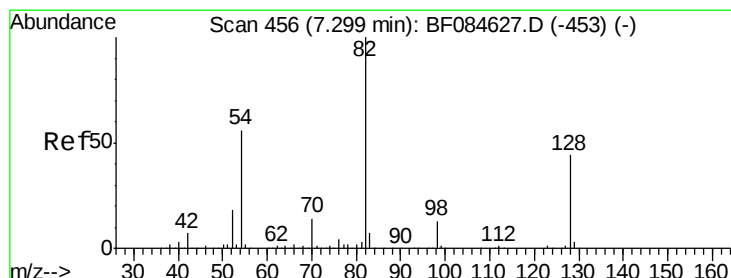
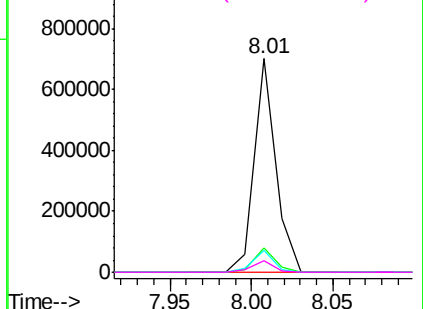
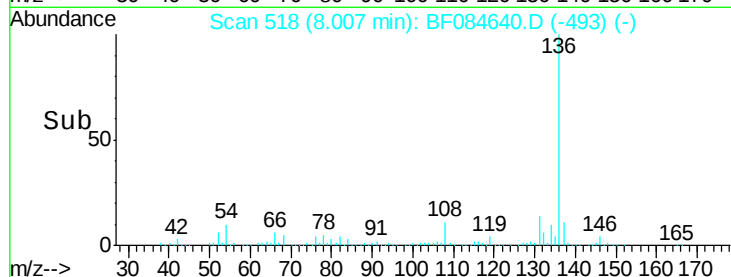
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084640.D
Acq: 29 Jan 2016 17:09

Instrument :
BNA_F
ClientSampleId :
SUP-B016(12.5-13)

Tgt Ion:	136	Resp:	644168
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	10.2	5.8	8.8#
68	5.6	4.2	6.2

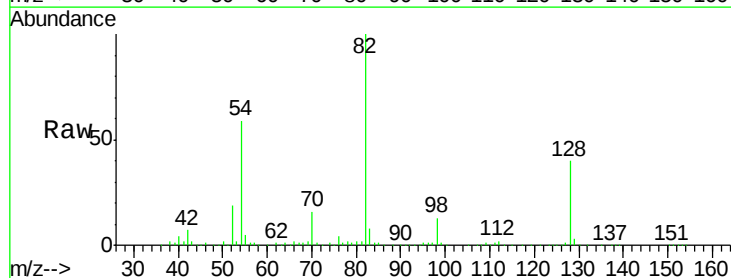


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

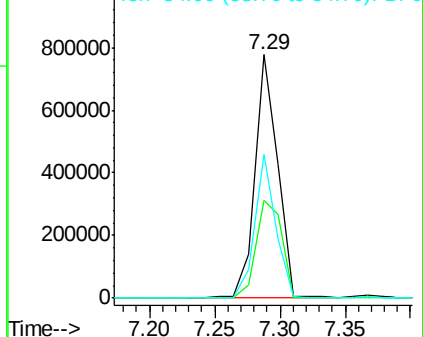
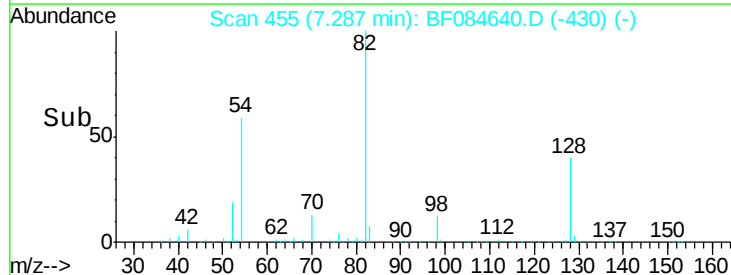


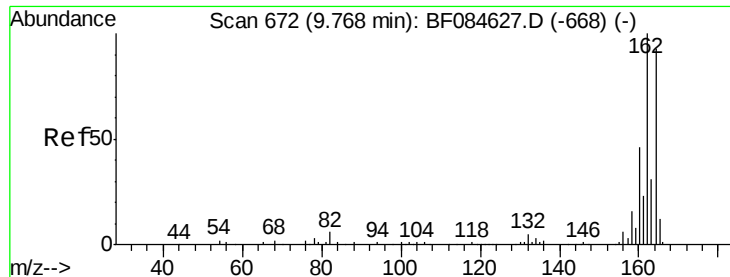
#23
Nitrobenzene-d5
Concen: 80.40 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084640.D
Acq: 29 Jan 2016 17:09

Tgt Ion:	82	Resp:	926769
Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	51.8
54	59.1	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084640.D

Acq: 29 Jan 2016 17:09

Instrument :

BNA_F

ClientSampleId :

SUP-B016(12.5-13)

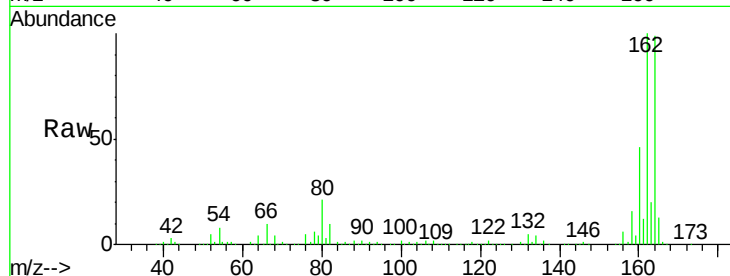
Tgt Ion:164 Resp: 319002

Ion Ratio Lower Upper

164 100

162 101.4 85.1 127.7

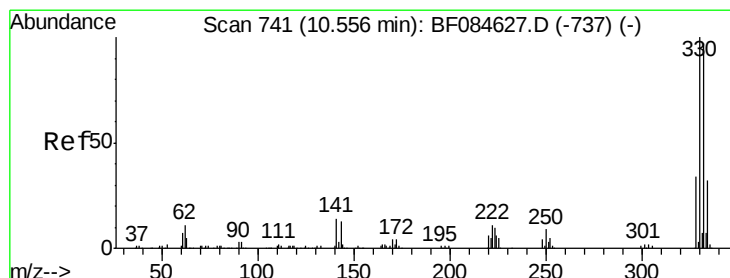
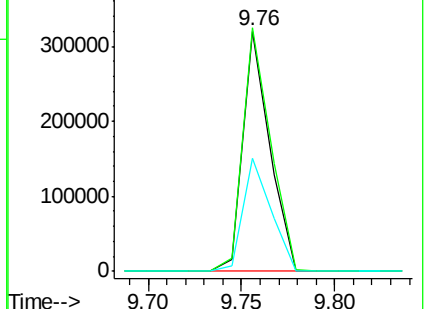
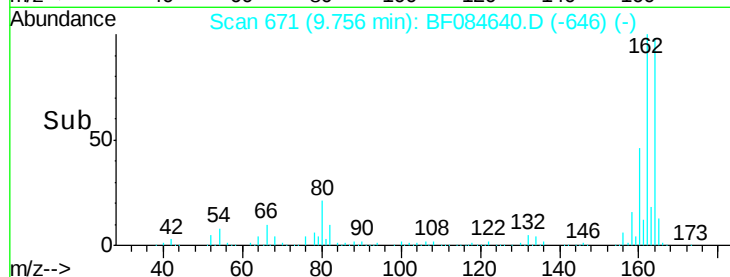
160 47.1 37.5 56.3



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: 134.19 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF084640.D

Acq: 29 Jan 2016 17:09

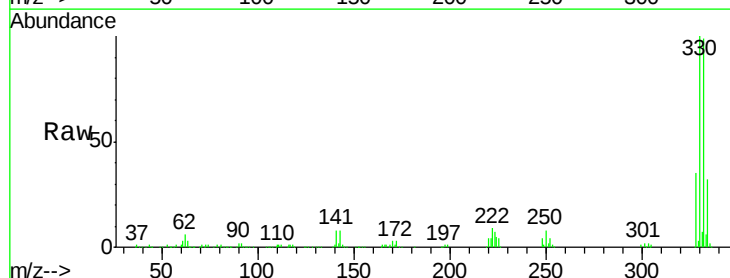
Tgt Ion:330 Resp: 448656

Ion Ratio Lower Upper

330 100

332 98.7 76.6 114.8

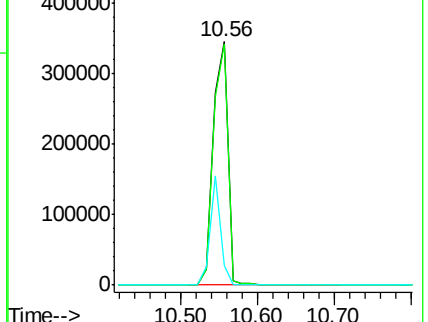
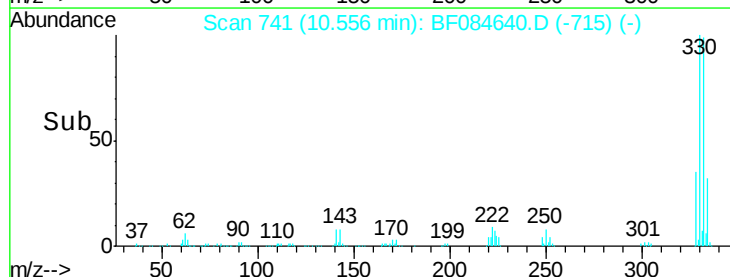
141 32.7 27.8 41.6

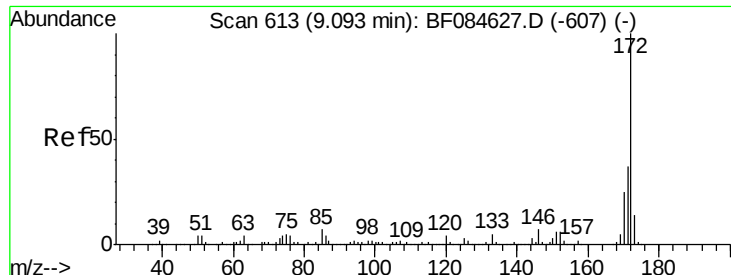


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 78.37 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF084640.D

Acq: 29 Jan 2016 17:09

Instrument :

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ClientSampleId :

SUP-B016(12.5-13)

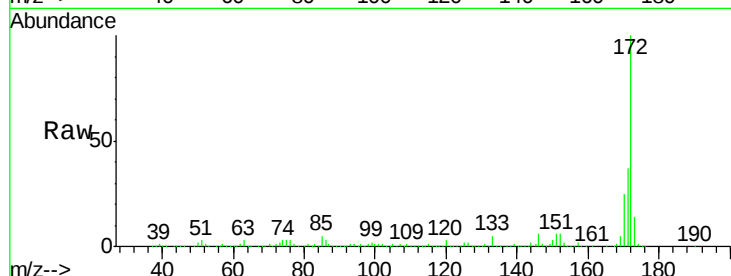
Tgt Ion:172 Resp: 1682033

Ion Ratio Lower Upper

172 100

171 36.9 28.9 43.3

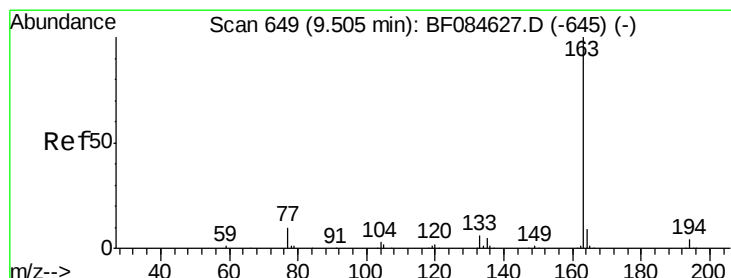
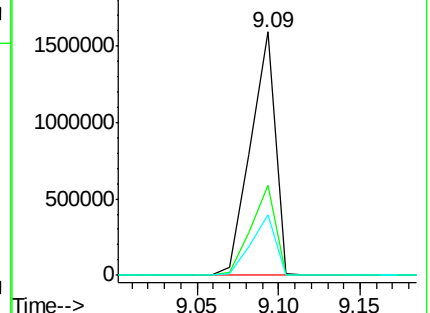
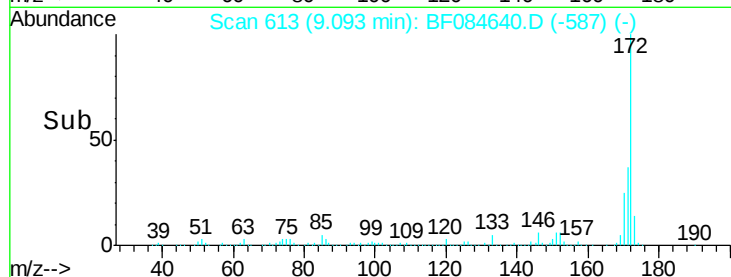
170 25.0 18.6 27.8



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: 10.10 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF084640.D

Acq: 29 Jan 2016 17:09

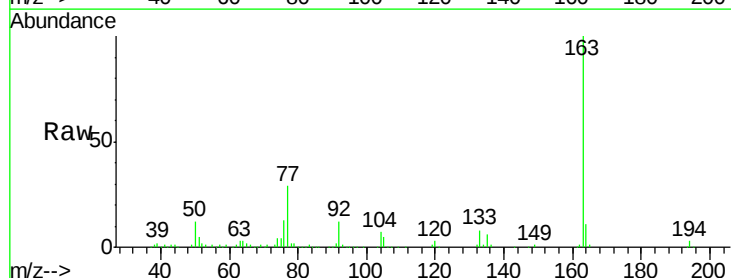
Tgt Ion:163 Resp: 241871

Ion Ratio Lower Upper

163 100

194 2.8 8.0 12.0#

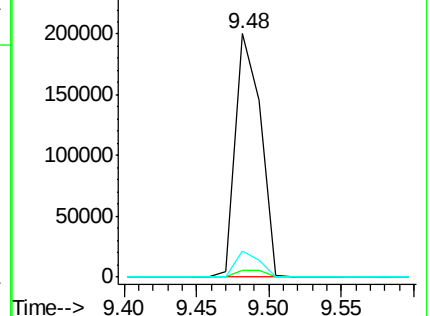
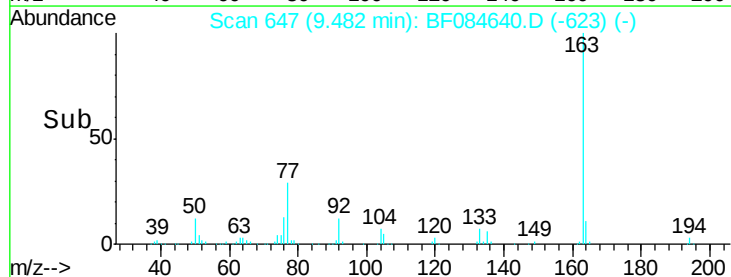
164 10.7 8.0 12.0

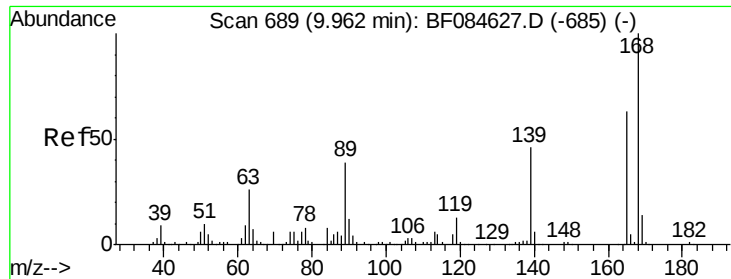


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

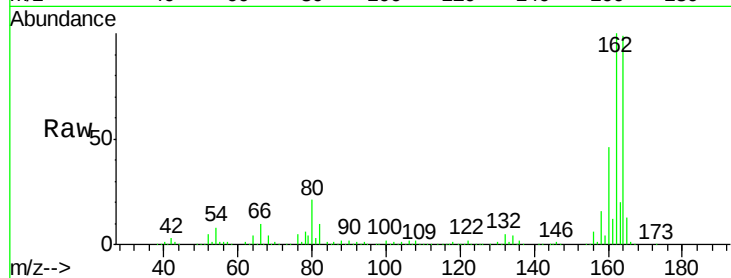




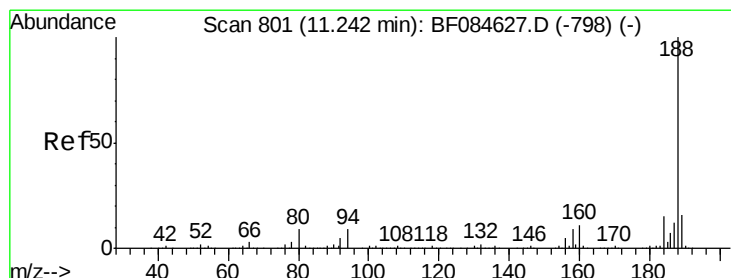
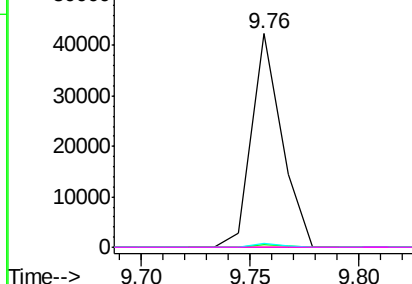
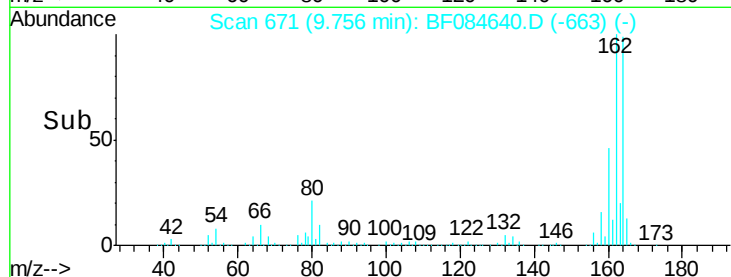
#56
 2,4-Dinitrotoluene
 Concen: 5.96 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.21 min
 Lab File: BF084640.D
 Acq: 29 Jan 2016 17:09

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B016(12.5-13)

Tgt Ion:165 Resp: 40818
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.7 55.1#
 89 1.7 61.9 92.9#
 182 0.0 2.0 3.0#

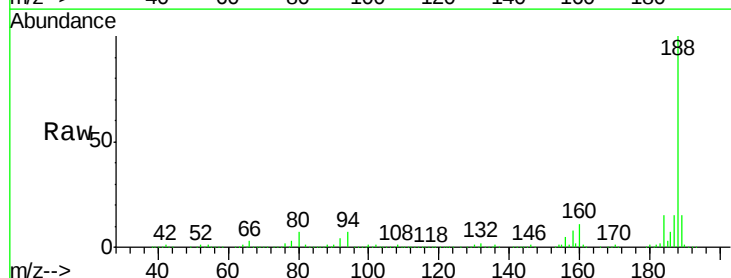


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

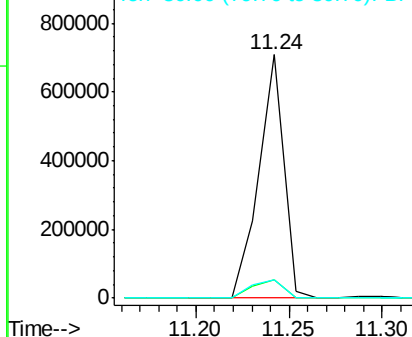
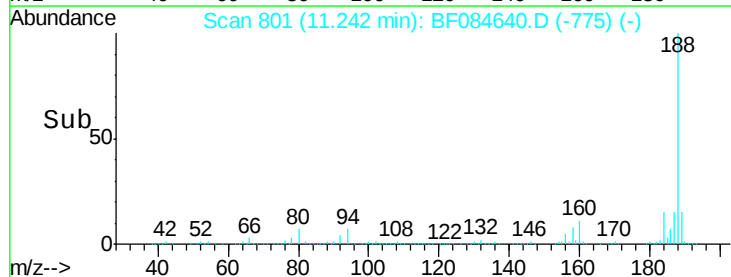


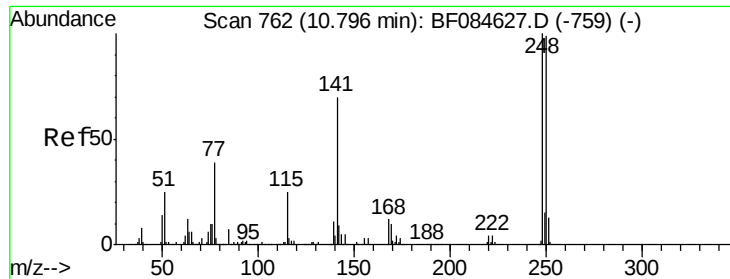
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF084640.D
 Acq: 29 Jan 2016 17:09

Tgt Ion:188 Resp: 655140
 Ion Ratio Lower Upper
 188 100
 94 7.4 9.0 13.4#
 80 7.5 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

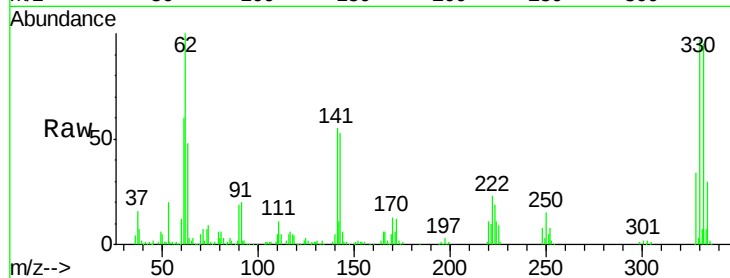




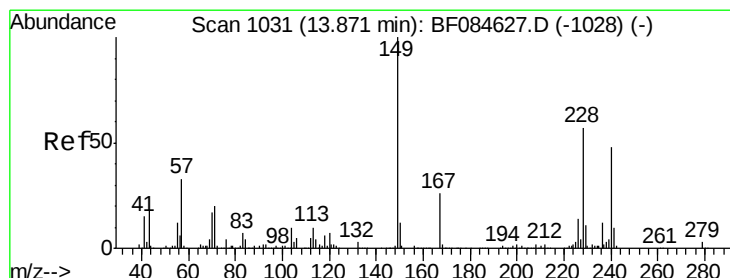
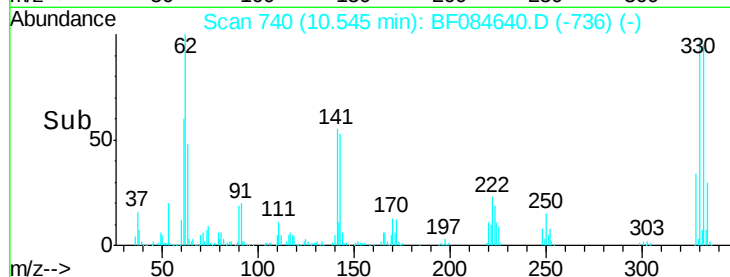
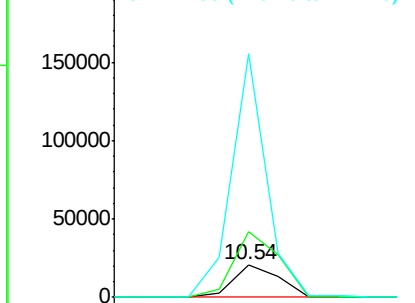
#66
4-Bromophenyl-phenylether
Concen: 3.44 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.25 min
Lab File: BF084640.D
Acq: 29 Jan 2016 17:09

Instrument :
BNA_F
ClientSampleId :
SUP-B016(12.5-13)

Tgt Ion:248 Resp: 25346
Ion Ratio Lower Upper
248 100
250 200.5 78.4 117.6#
141 739.4 44.0 66.0#

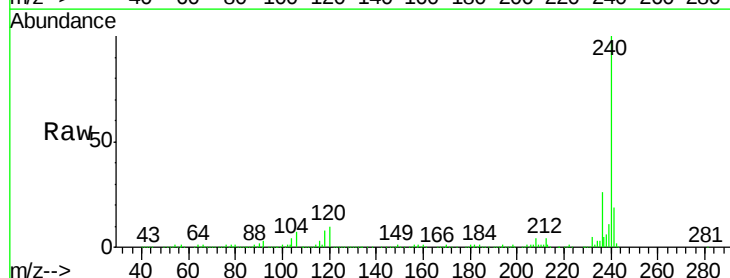


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

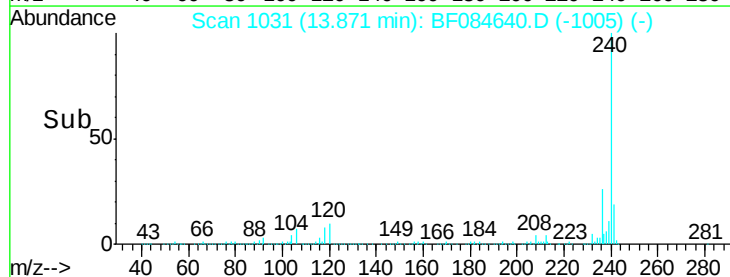
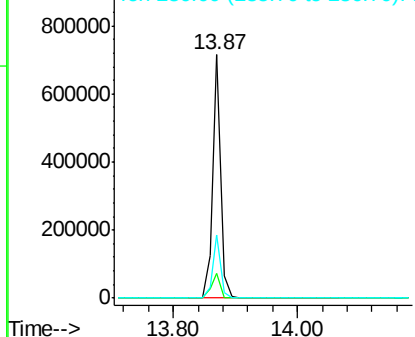


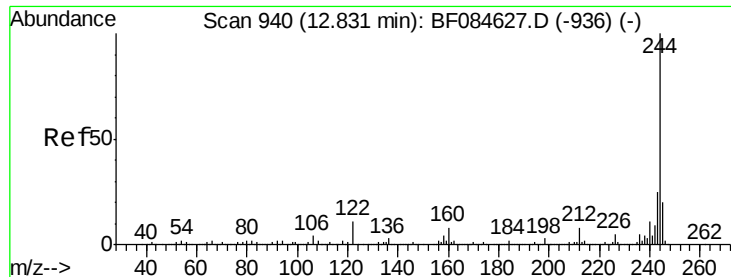
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF084640.D
Acq: 29 Jan 2016 17:09

Tgt Ion:240 Resp: 635027
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 25.7 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: 58.31 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084640.D

Acq: 29 Jan 2016 17:09

Instrument :

BNA_F

ClientSampleId :

SUP-B016(12.5-13)

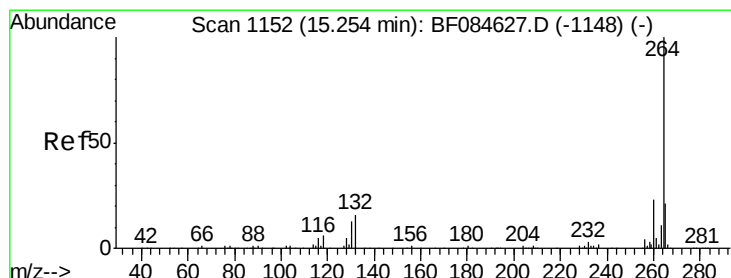
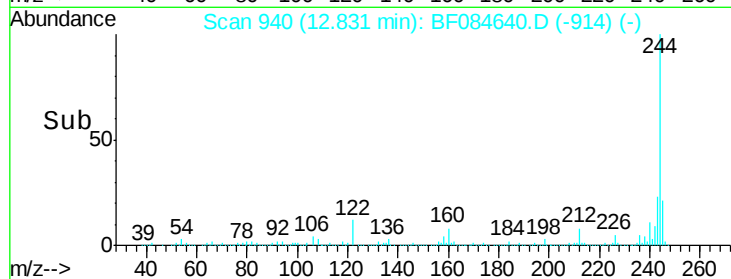
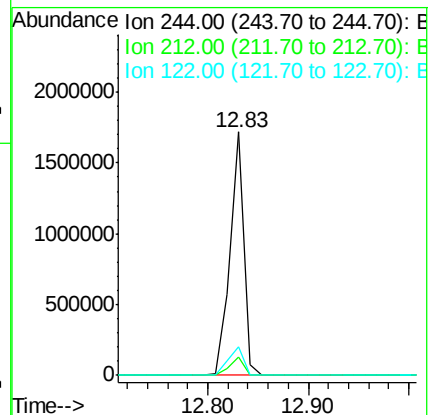
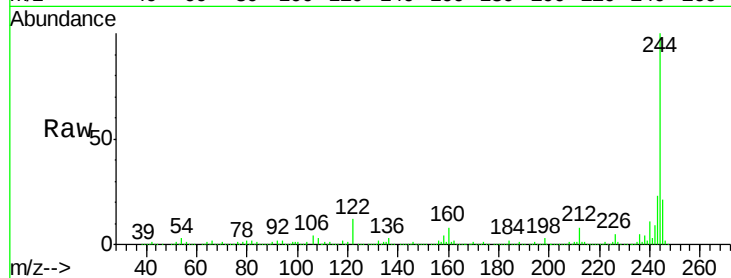
Tgt Ion:244 Resp: 1639645

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

122 11.8 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: BF084640.D

Acq: 29 Jan 2016 17:09

Tgt Ion:264 Resp: 512057

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.2

265 21.8 17.8 26.6

