

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
 Data File : BF084837.D
 Acq On : 4 Feb 2016 19:15
 Operator : SJ/IZ
 Sample : H1320-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(26-28)

Quant Time: Feb 05 01:38:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	133429	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	586969	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	275714	20.00	ng	-0.02
63) Phenanthrene-d10	11.18	188	483067	20.00	ng	-0.02
75) Chrysene-d12	13.81	240	364673	20.00	ng	-0.02
86) Perylene-d12	15.19	264	272956	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1262264	147.35	ng	-0.01
7) Phenol-d6	6.33	99	1590836	149.80	ng	-0.01
23) Nitrobenzene-d5	7.24	82	925350	88.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	384751	133.78	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	1622119	109.77	ng	-0.02
78) Terphenyl-d14	12.77	244	1617964	100.54	ng	-0.02

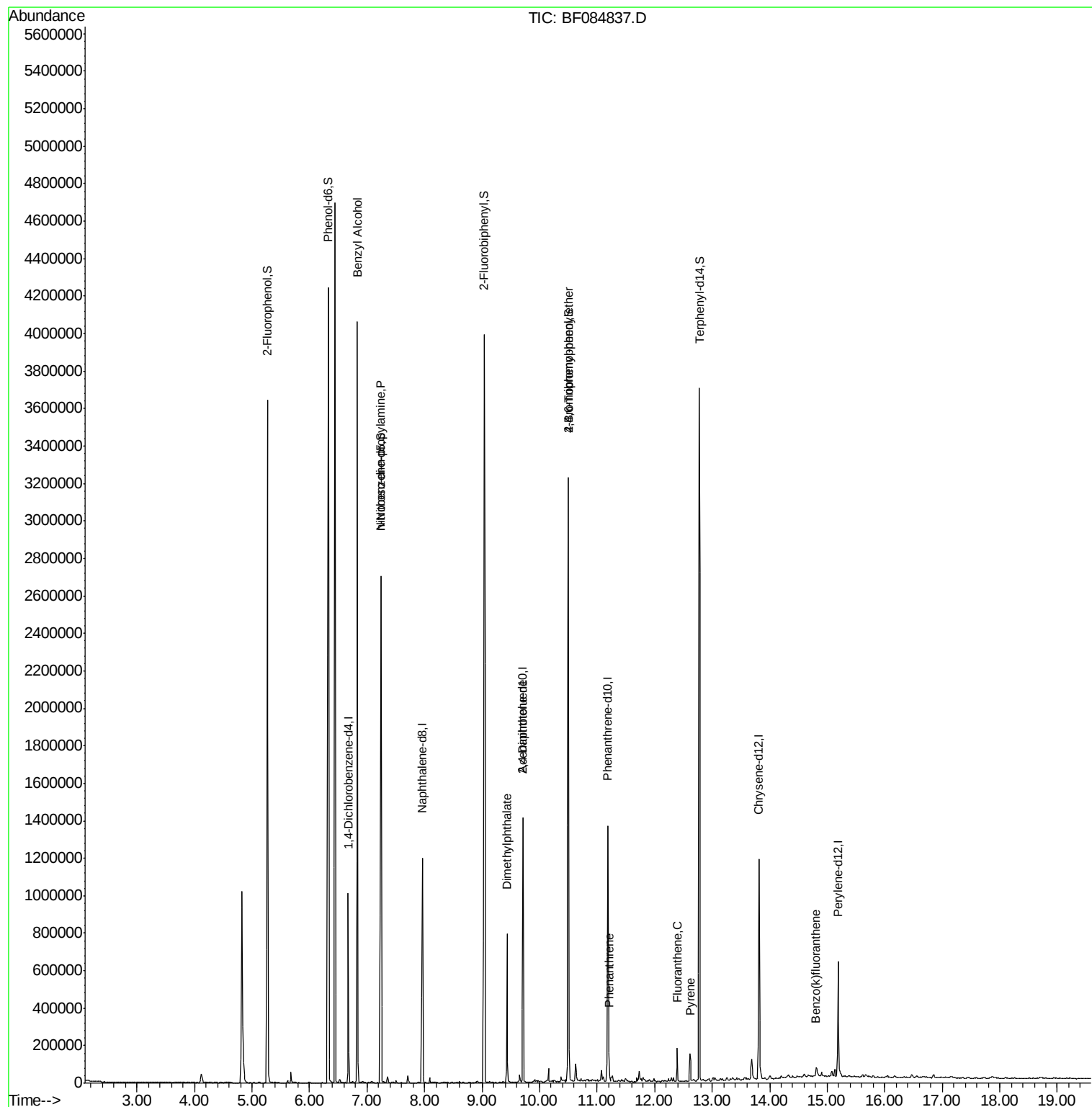
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.83	79	23204	3.16	ng	# 58
19) n-Nitroso-di-n-propylamine	7.24	70	127683	19.18	ng	# 71
49) Dimethylphthalate	9.44	163	288913	13.76	ng	# 91
56) 2,4-Dinitrotoluene	9.71	165	36184	6.18	ng	# 21
66) 4-Bromophenyl-phenylether	10.50	248	27359	5.13	ng	# 1
70) Phenanthrene	11.21	178	54706	2.04	ng	98
74) Fluoranthene	12.40	202	80329	2.96	ng	93
77) Pyrene	12.63	202	75494	2.70	ng	97
88) Benzo(k)fluoranthene	14.81	252	34413	2.27	ng	95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF084837.D

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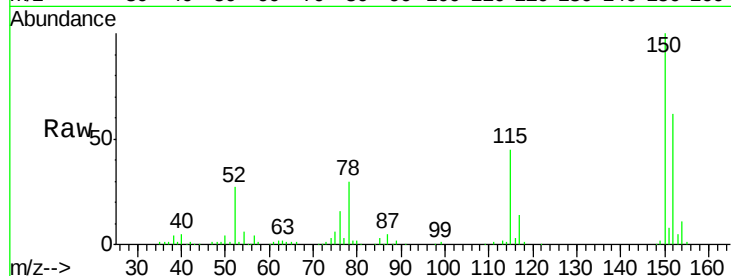
Tgt Ion:152 Resp: 133429

Ion Ratio Lower Upper

152 100

150 160.1 123.0 184.4

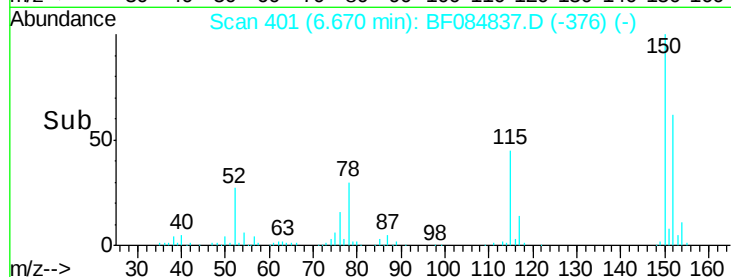
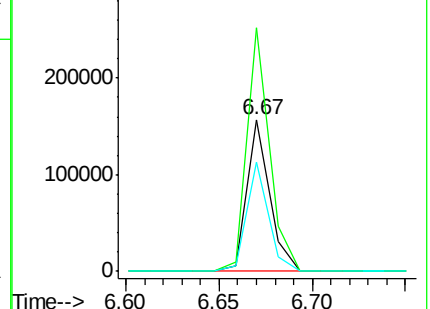
115 71.6 51.4 77.2



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



#5

2-Fluorophenol

Concen: 147.35 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084837.D

Acq: 4 Feb 2016 19:15

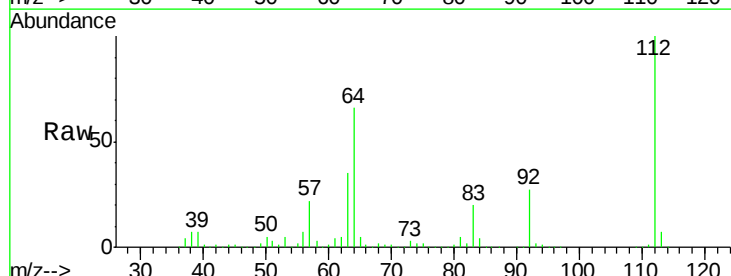
Tgt Ion:112 Resp: 1262264

Ion Ratio Lower Upper

112 100

64 66.1 36.6 55.0#

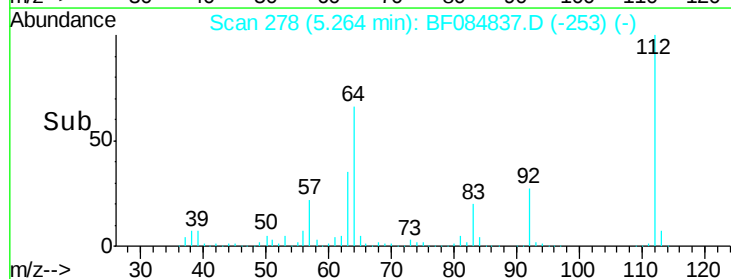
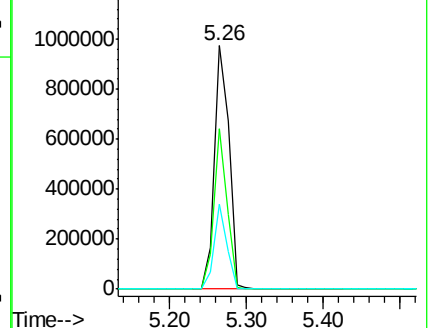
63 34.8 19.4 29.0#



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: 149.80 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084837.D

Acq: 4 Feb 2016 19:15

Instrument :

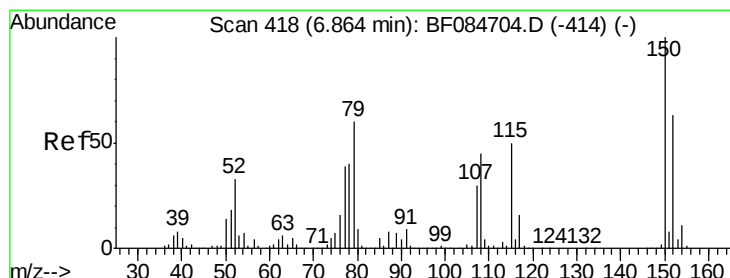
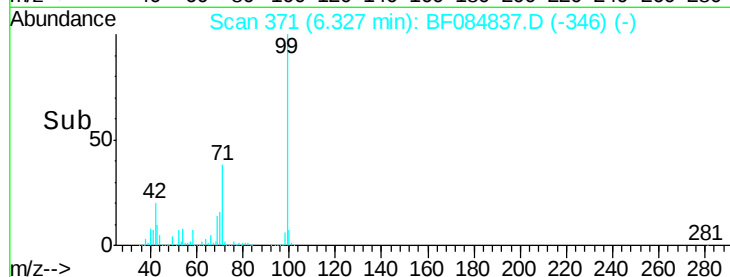
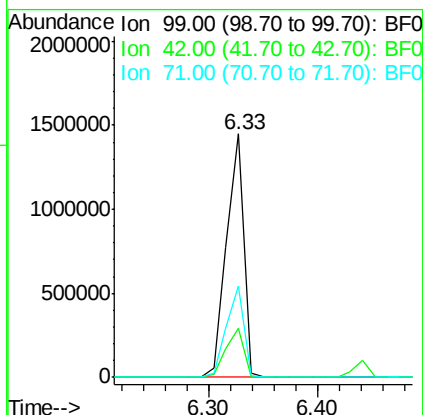
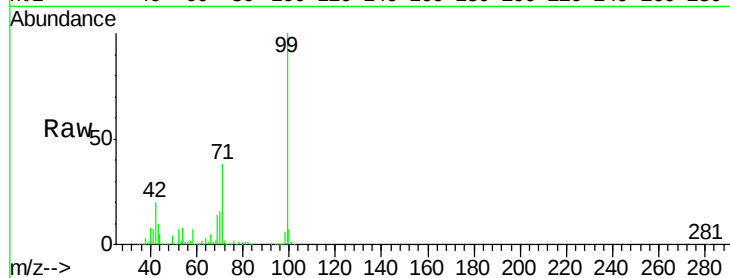
BNA_F

ClientSampleId :

S4-B017(26-28)

Tgt Ion: 99 Resp: 1590836

Ion	Ratio	Lower	Upper
99	100		
42	20.2	12.8	19.2#
71	37.7	30.9	46.3



#15

Benzyl Alcohol

Concen: 3.16 ng

RT: 6.83 min Scan# 415

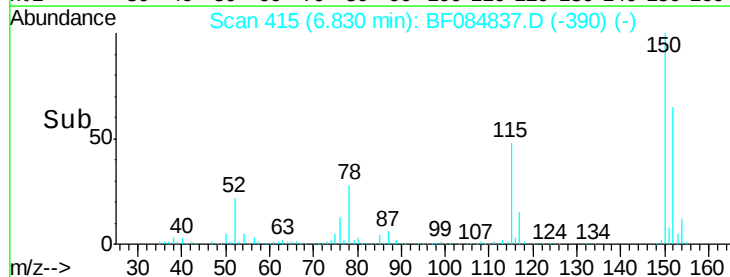
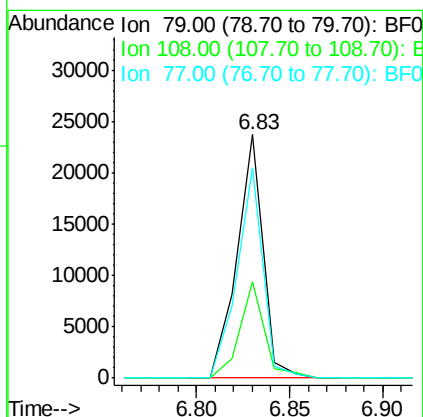
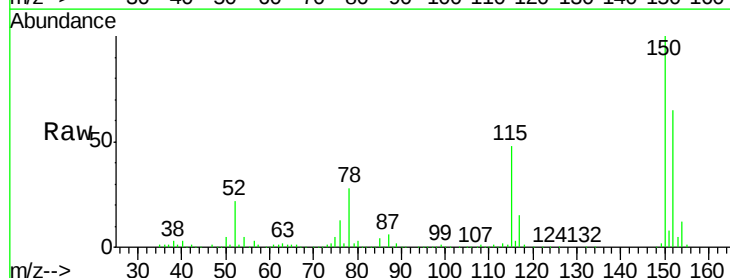
Delta R.T. -0.01 min

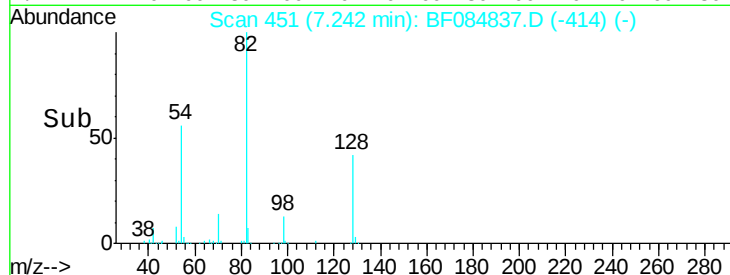
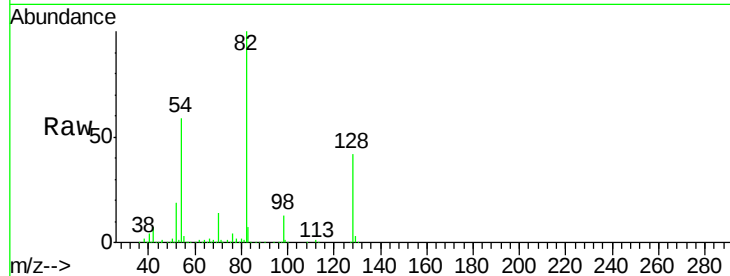
Lab File: BF084837.D

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Tgt Ion: 79 Resp: 23204

Ion	Ratio	Lower	Upper
79	100		
108	39.4	69.0	103.4#
77	86.2	50.0	75.0#





#19

n-Nitroso-di-n-propylamine

Concen: 19.18 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.13 min

Lab File: BF084837.D

Acq: 4 Feb 2016 19:15

Instrument :

BNA_F

ClientSampleId :

S4-B017(26-28)

Tgt Ion: 70 Resp: 127683

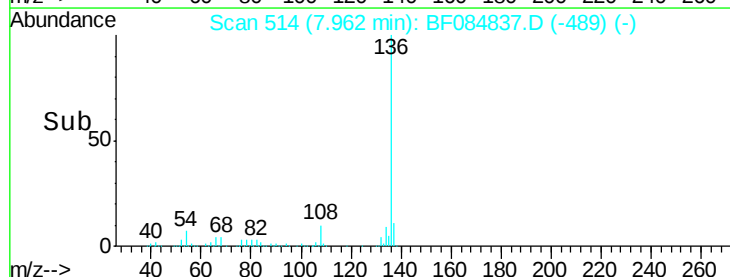
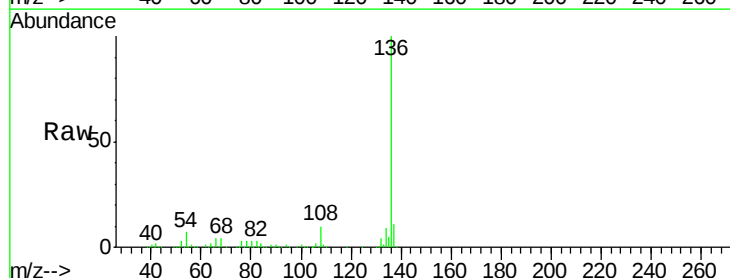
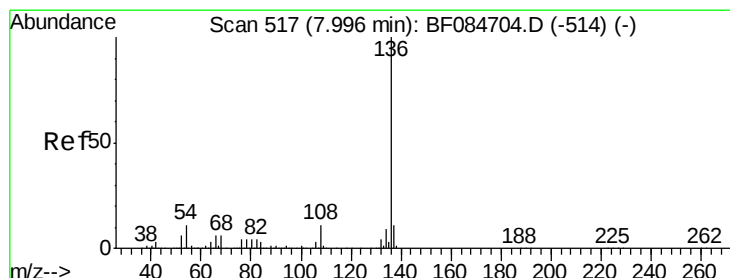
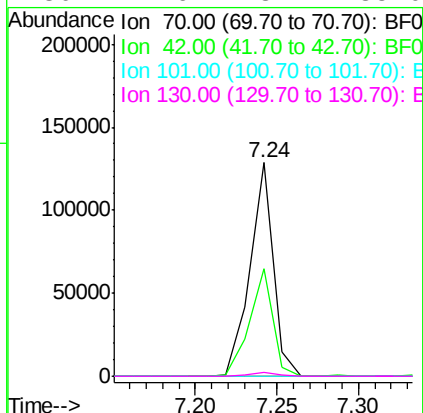
Ion Ratio Lower Upper

70 100

42 50.3 33.3 49.9#

101 0.0 9.3 13.9#

130 1.6 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF084837.D

Acq: 4 Feb 2016 19:15

Tgt Ion: 136 Resp: 586969

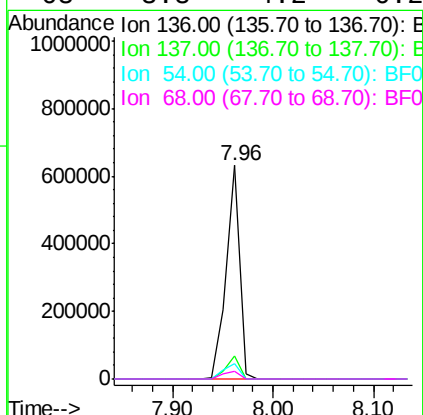
Ion Ratio Lower Upper

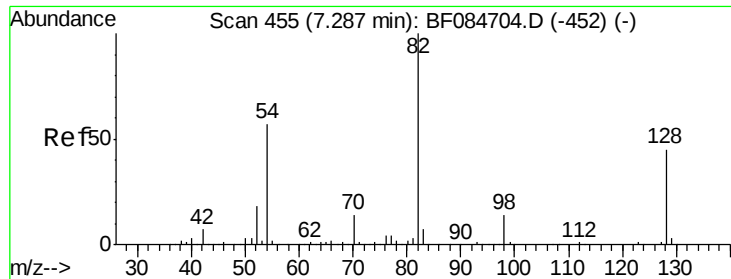
136 100

137 10.6 8.7 13.1

54 7.0 5.8 8.8

68 3.8 4.2 6.2#

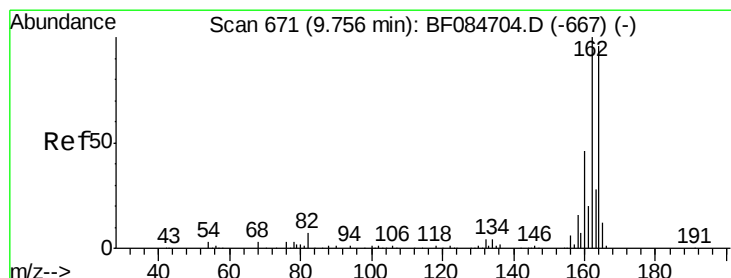
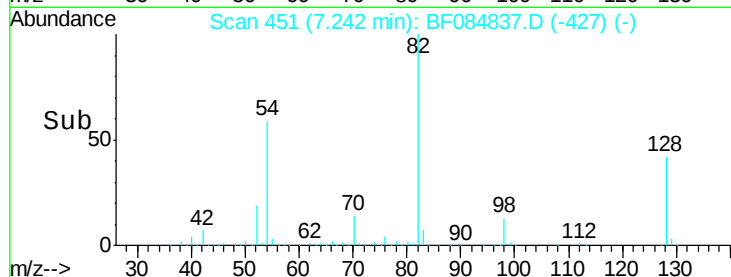
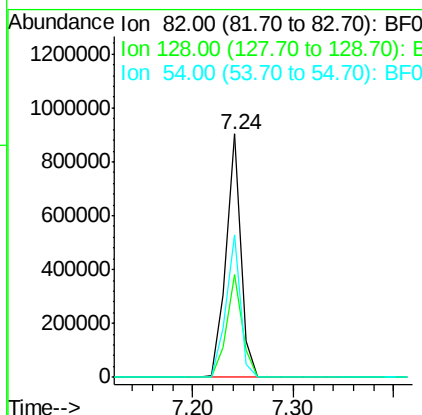
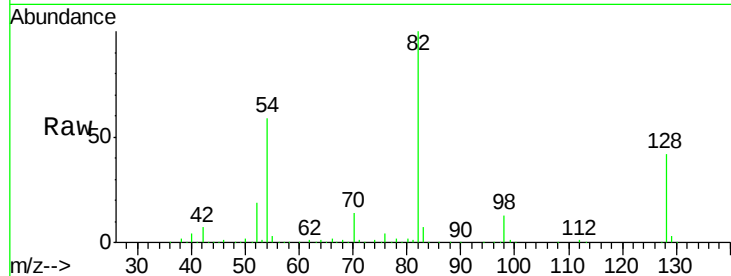




#23
 Nitrobenzene-d5
 Concen: 88.81 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF084837.D
 Acq: 4 Feb 2016 19:15

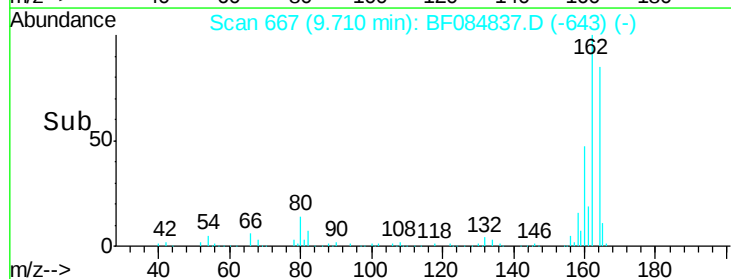
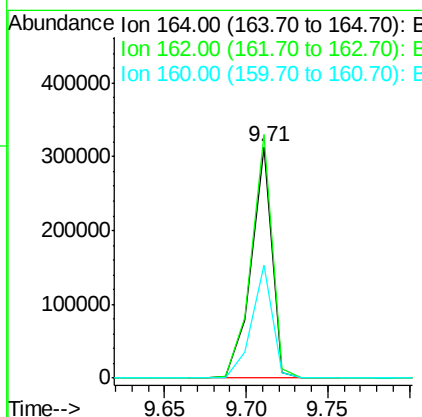
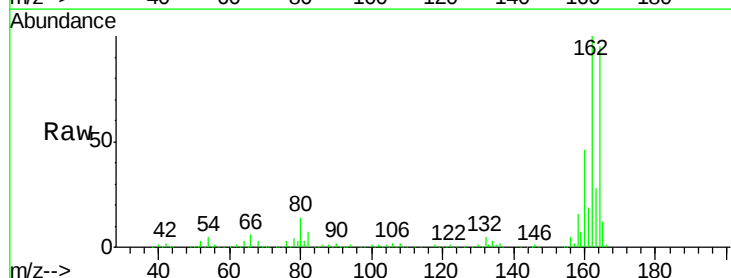
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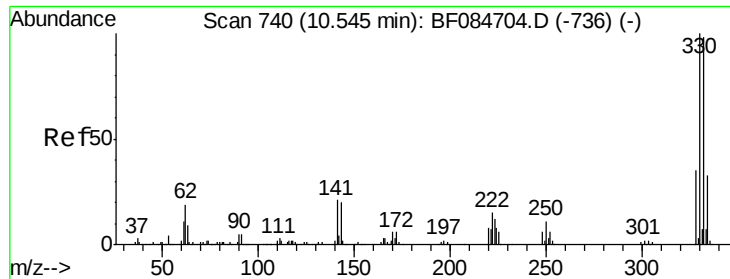
Tgt Ion: 82 Resp: 925350
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.6 51.8
 54 58.6 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF084837.D
 Acq: 4 Feb 2016 19:15

Tgt Ion:164 Resp: 275714
 Ion Ratio Lower Upper
 164 100
 162 105.4 85.1 127.7
 160 48.7 37.5 56.3

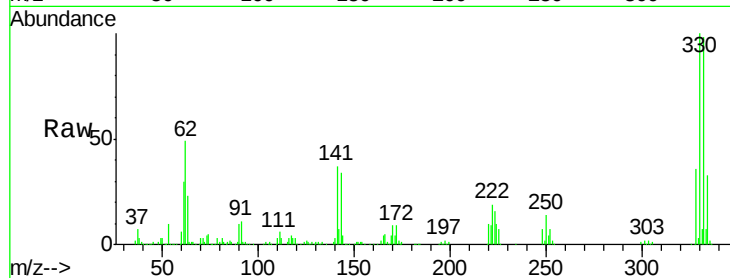




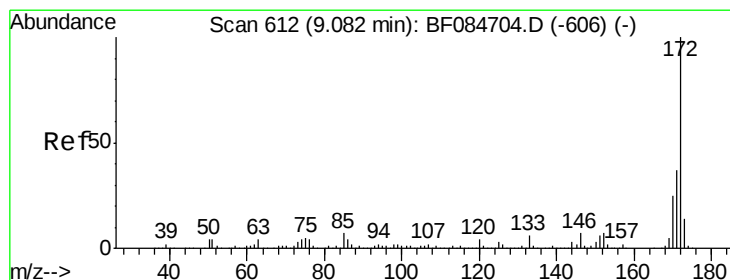
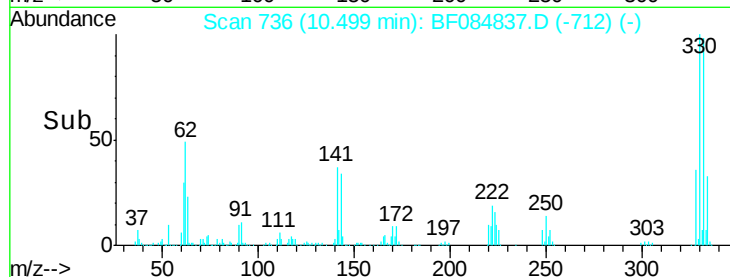
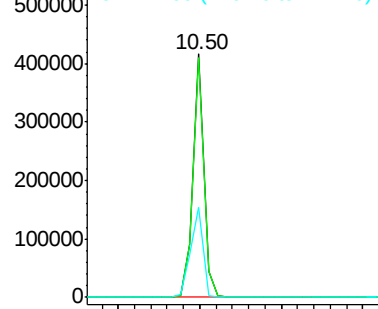
#41
 2,4,6-Tribromophenol
 Concen: 133.78 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF084837.D
 Acq: 4 Feb 2016 19:15

Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(26-28)

Tgt Ion:330 Resp: 384751
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.6 114.8
 141 42.1 27.8 41.6#

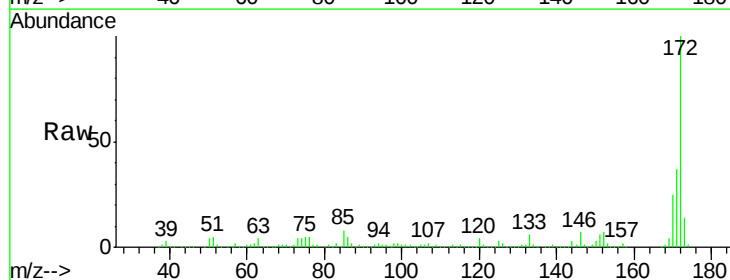


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

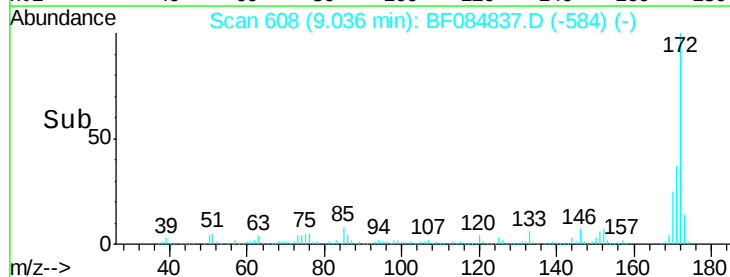
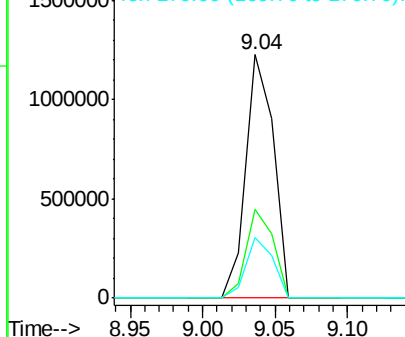


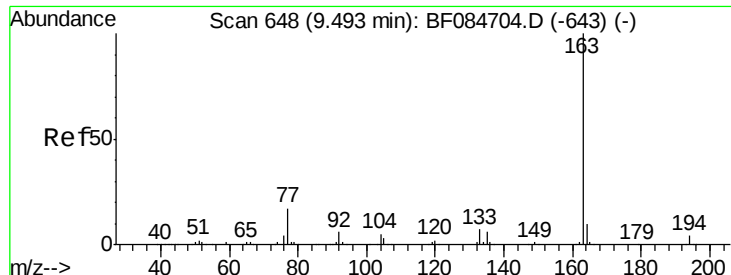
#44
 2-Fluorobiphenyl
 Concen: 109.77 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF084837.D
 Acq: 4 Feb 2016 19:15

Tgt Ion:172 Resp: 1622119
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 24.7 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

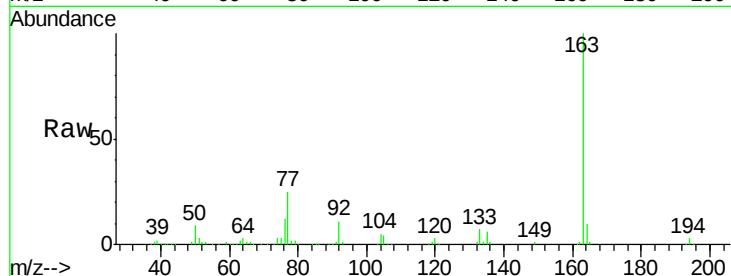




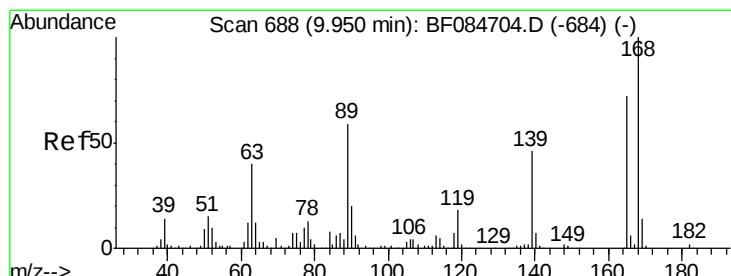
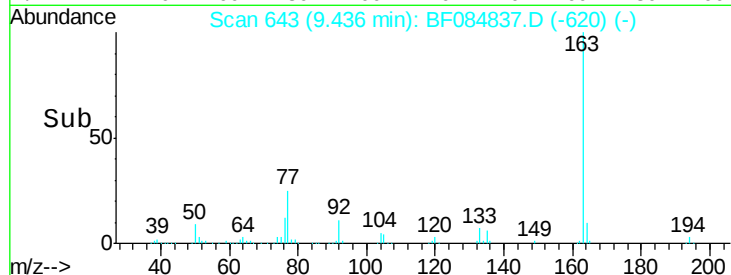
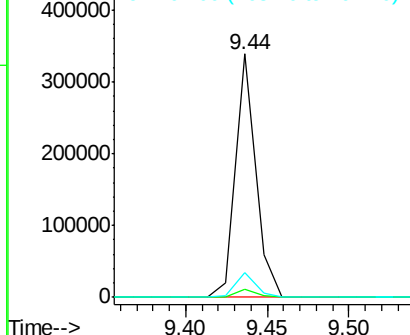
#49
Dimethylphthalate
Concen: 13.76 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF084837.D
Acq: 4 Feb 2016 19:15

Instrument :
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S4-B017(26-28)

Tgt Ion:163 Resp: 288913
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 10.2 8.0 12.0

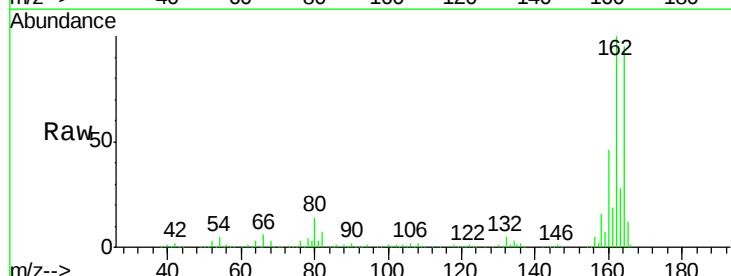


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

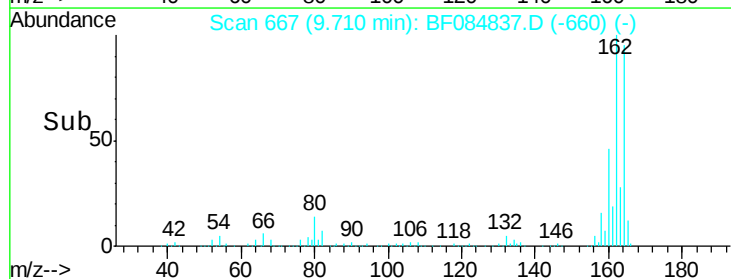
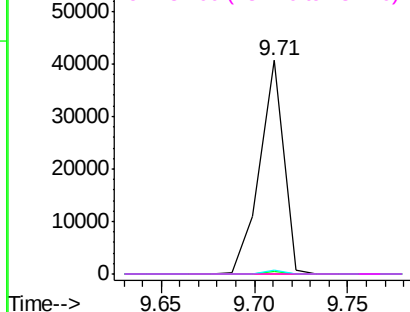


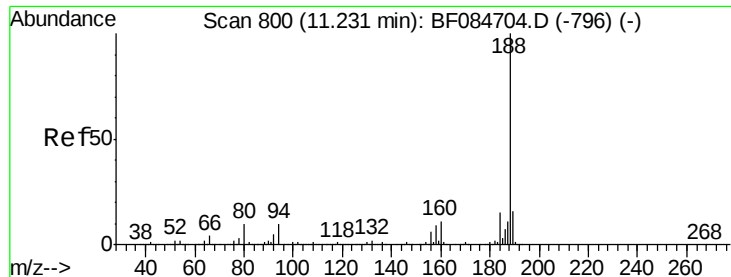
#56
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.22 min
Lab File: BF084837.D
Acq: 4 Feb 2016 19:15

Tgt Ion:165 Resp: 36184
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

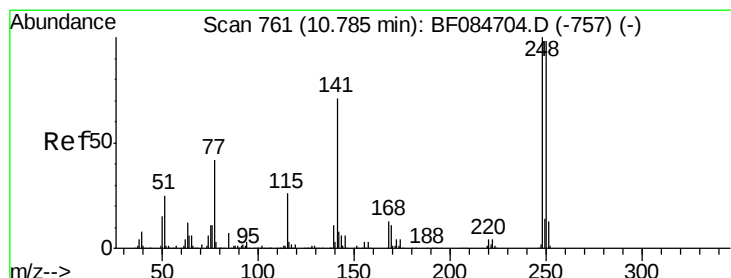
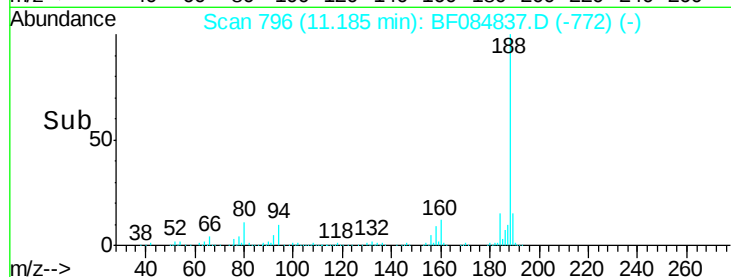
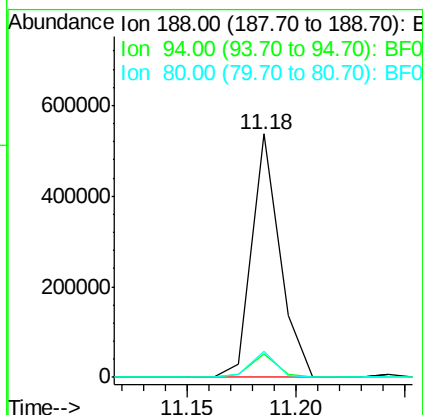
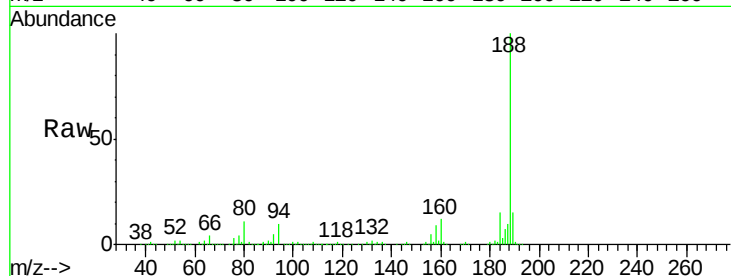




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF084837.D
Acq: 4 Feb 2016 19:15

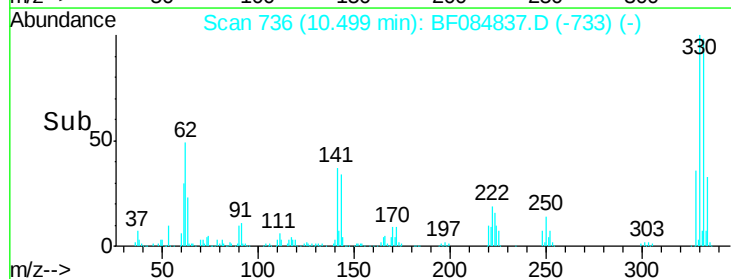
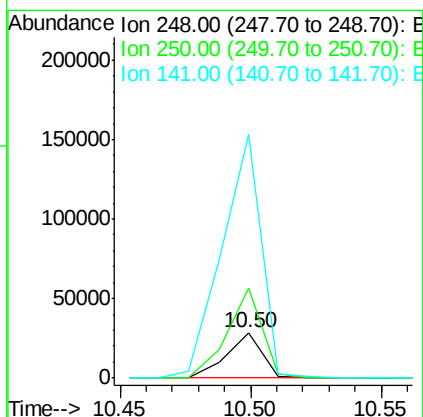
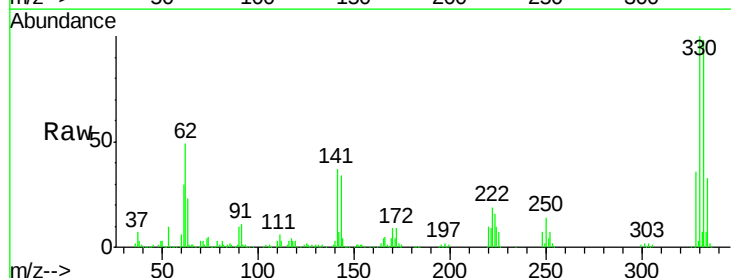
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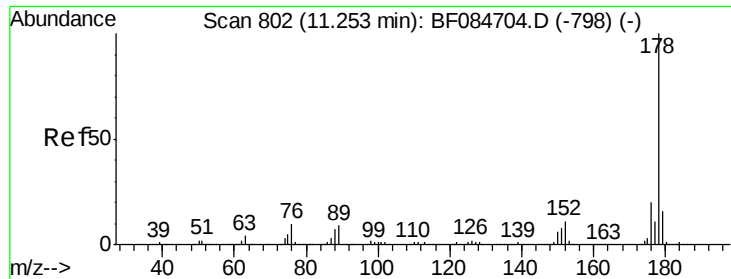
Tgt Ion:188 Resp: 483067
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.4
80 10.8 9.6 14.4



#66
4-Bromophenyl-phenylether
Concen: 5.13 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.26 min
Lab File: BF084837.D
Acq: 4 Feb 2016 19:15

Tgt Ion:248 Resp: 27359
Ion Ratio Lower Upper
248 100
250 196.9 78.4 117.6#
141 534.7 44.0 66.0#

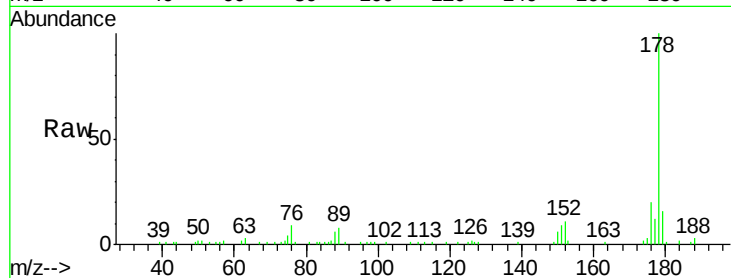




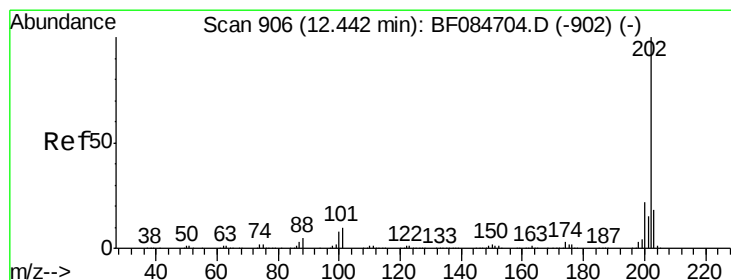
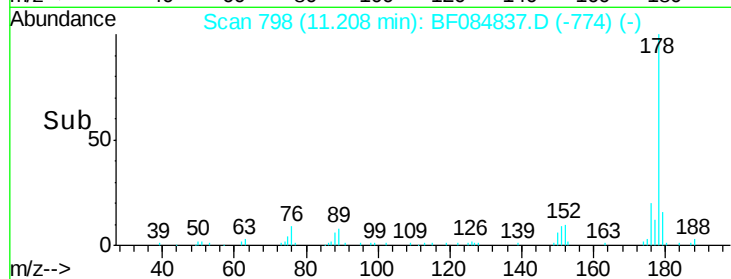
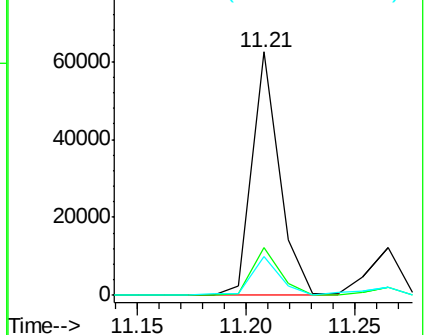
#70
Phenanthrene
Concen: 2.04 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF084837.D
Acq: 4 Feb 2016 19:15

Instrument :
BNA_F
ClientSampleId :
S4-B017(26-28)

Tgt Ion:178 Resp: 54706
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 16.1 12.0 18.0

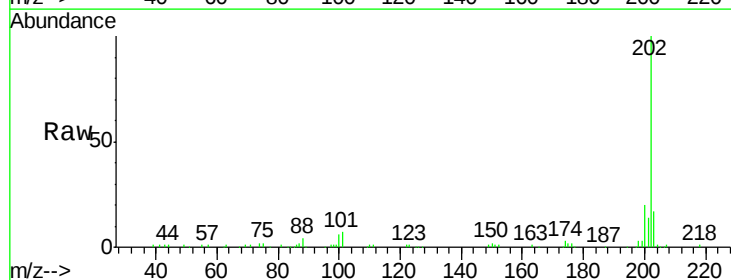


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

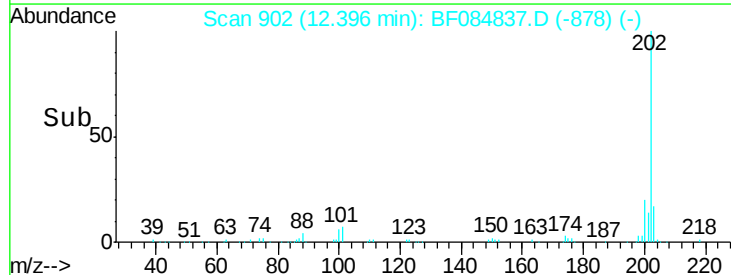
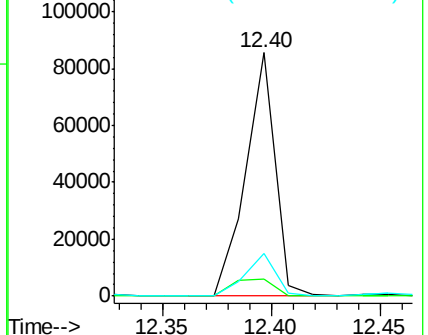


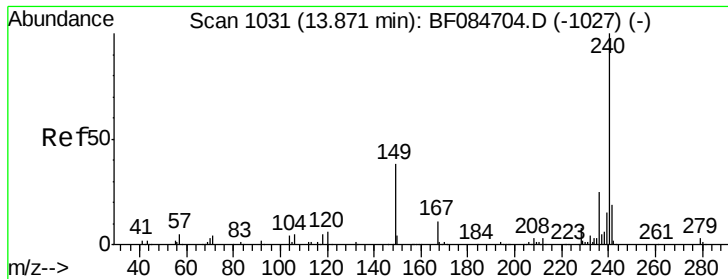
#74
Fluoranthene
Concen: 2.96 ng
RT: 12.40 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF084837.D
Acq: 4 Feb 2016 19:15

Tgt Ion:202 Resp: 80329
Ion Ratio Lower Upper
202 100
101 7.0 0.0 32.8
203 17.4 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF084837.D

Acq: 4 Feb 2016 19:15

Instrument :

BNA_F

ClientSampleId :

S4-B017(26-28)

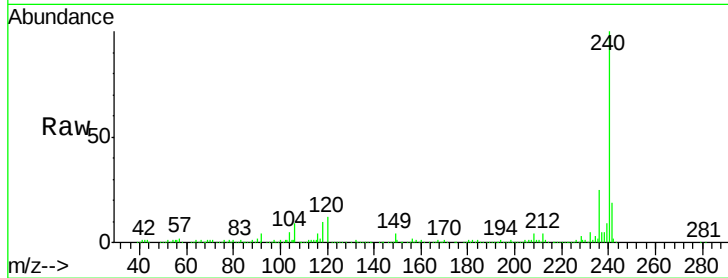
Tgt Ion:240 Resp: 364673

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

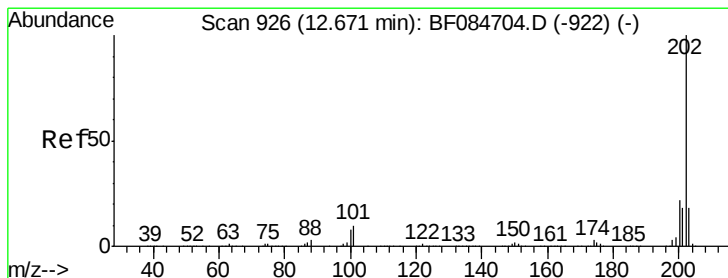
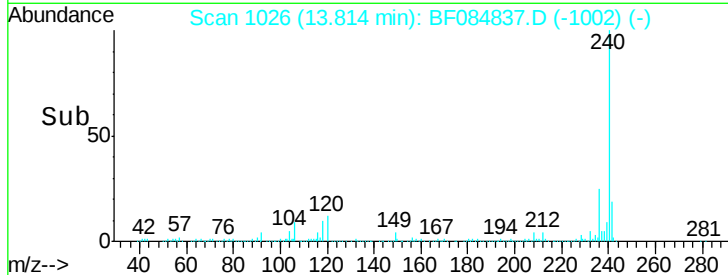
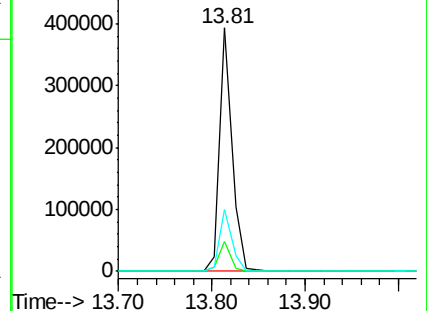
236 25.5 20.6 31.0



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



#77

Pyrene

Concen: 2.70 ng

RT: 12.63 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF084837.D

Acq: 4 Feb 2016 19:15

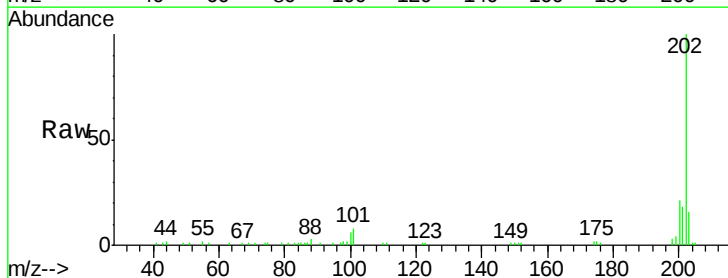
Tgt Ion:202 Resp: 75494

Ion Ratio Lower Upper

202 100

200 20.7 17.2 25.8

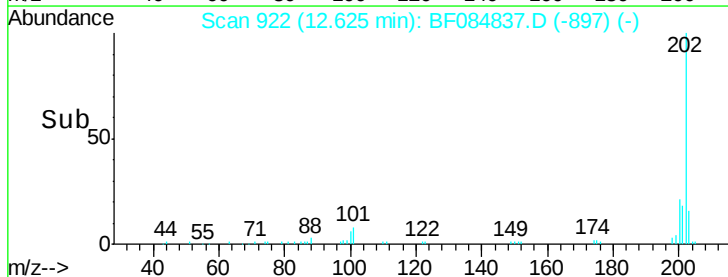
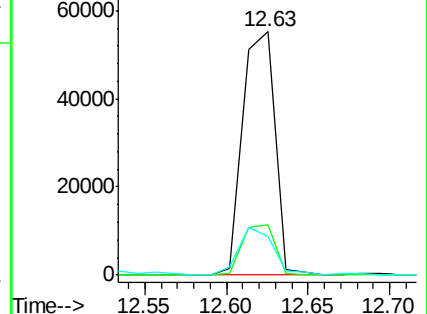
203 16.0 14.3 21.5

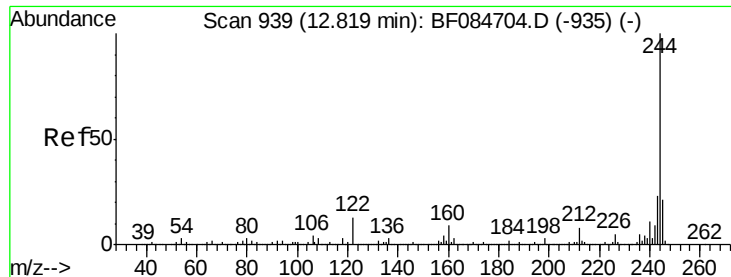


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 100.54 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF084837.D

Acq: 4 Feb 2016 19:15

Instrument :

BNA_F

ClientSampleId :

S4-B017(26-28)

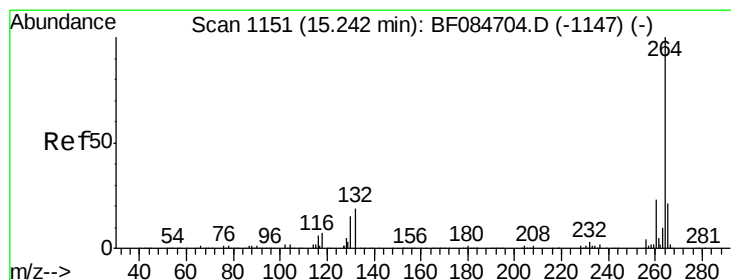
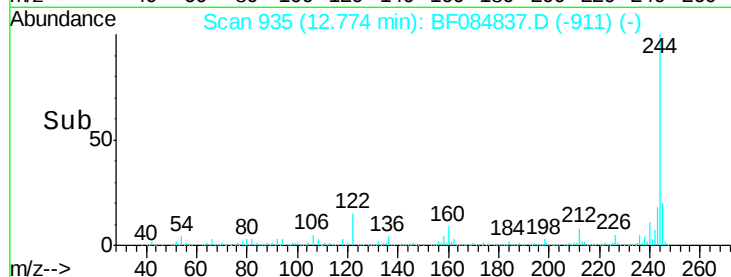
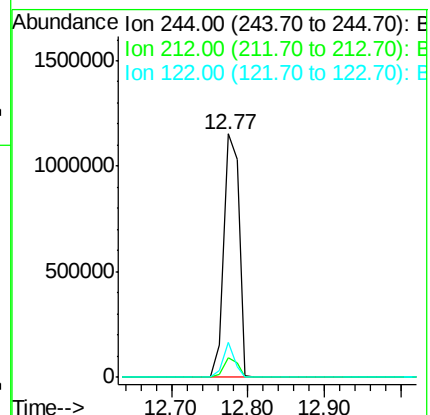
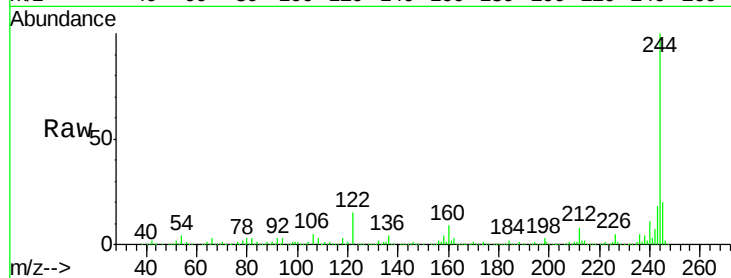
Tgt Ion:244 Resp: 1617964

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

122 14.6 7.4 11.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.19 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF084837.D

Acq: 4 Feb 2016 19:15

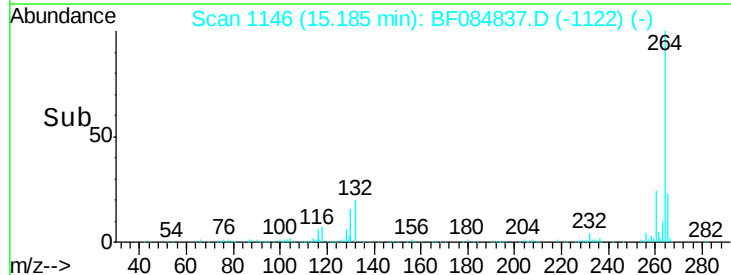
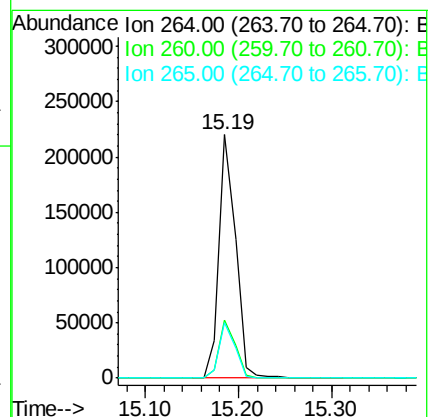
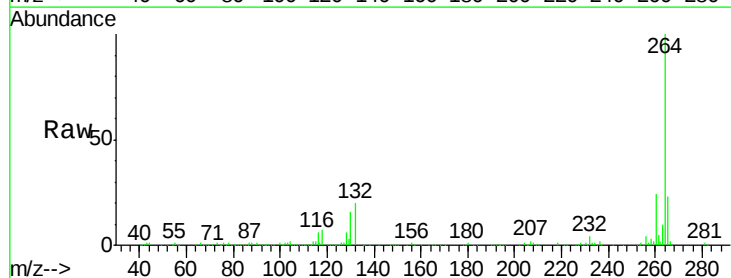
Tgt Ion:264 Resp: 272956

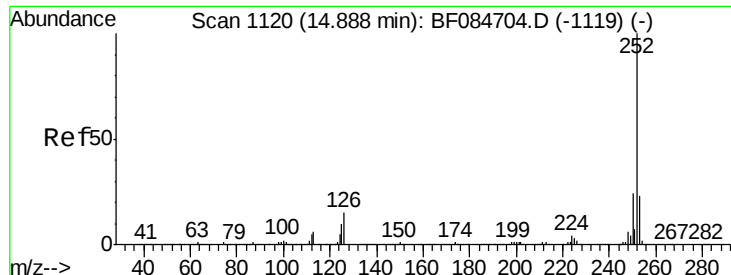
Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 23.0 17.8 26.6





#88

Benzo(k)fluoranthene

Concen: 2.27 ng

RT: 14.81 min Scan# 1113

Delta R.T. -0.05 min

Lab File: BF084837.D

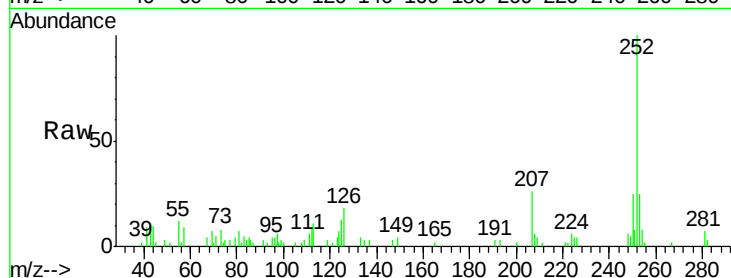
Acq: 4 Feb 2016 19:15

Instrument :

BNA_F

ClientSampleId :

S4-B017(26-28)



Tgt Ion:	252	Resp:	34413
Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.1	27.1
125	13.5	9.0	13.6

