

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 02:40:33 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

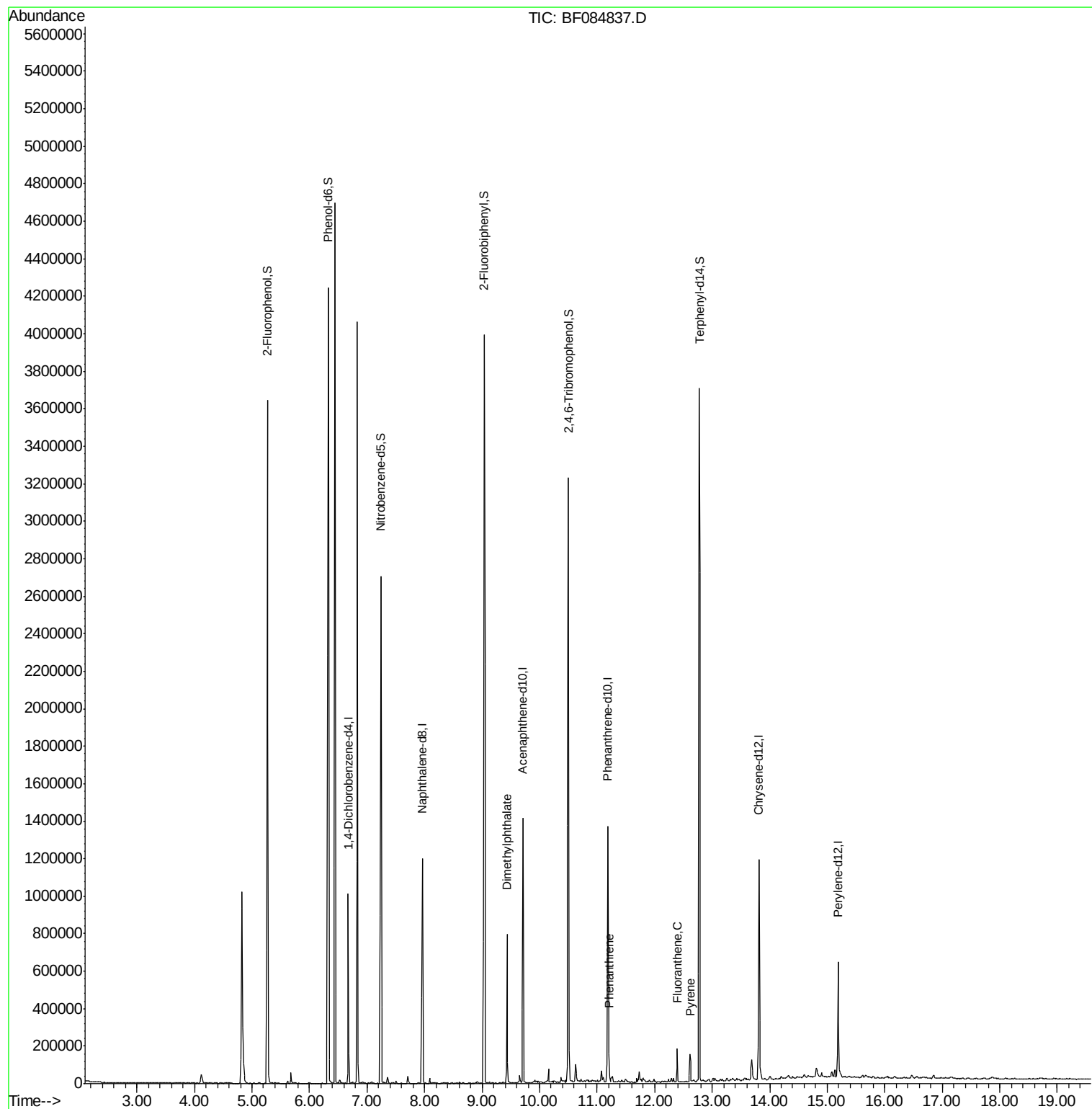
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	133429	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	586969	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	275714	20.00	ng	-0.02
63) Phenanthrene-d10	11.18	188	483067	20.00	ng	-0.02
75) Chrysene-d12	13.81	240	364673	20.00	ng	-0.02
86) Perylene-d12	15.19	264	272956	20.00	ng	-0.02
System Monitoring Compounds						
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						Qvalue
49) Dimethylphthalate	9.44	163	288913	13.76	ng	# 91
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

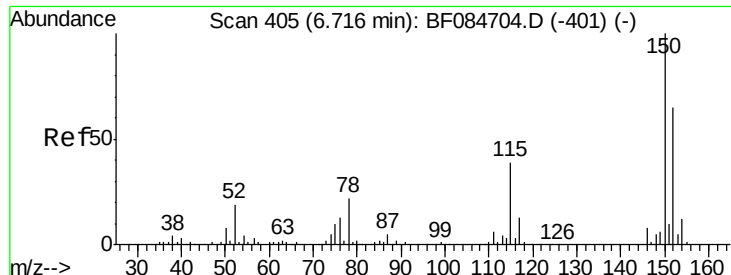
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Acq: 4 Feb 2016 19:15

Instrument :

BNA_F

ClientSampleId :

S4-B017(26-28)

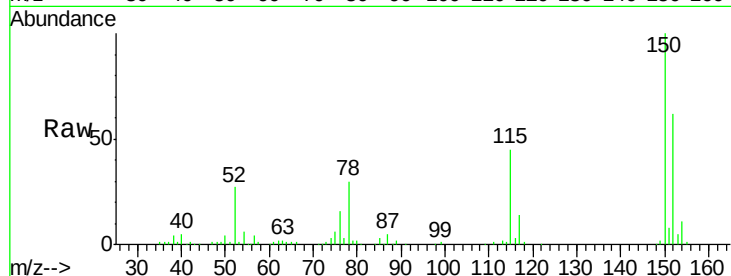
Tot Ion:152 Resp: 133429

Ion Ratio Lower Upper

152 100

150 160.1 123.0 184.4

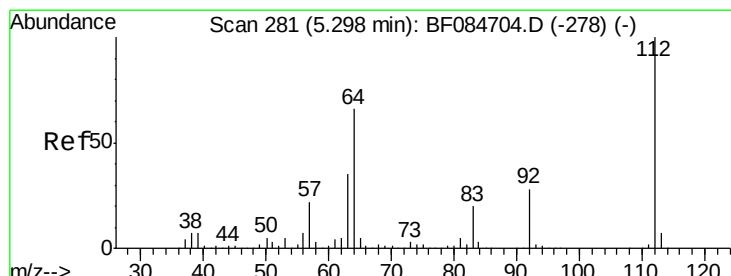
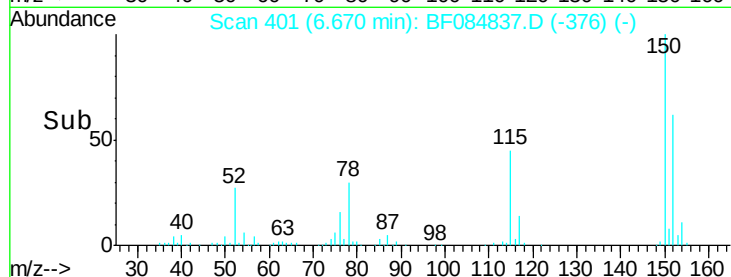
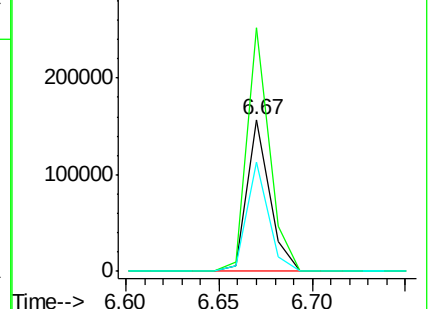
115 71.6 51.4 77.2



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

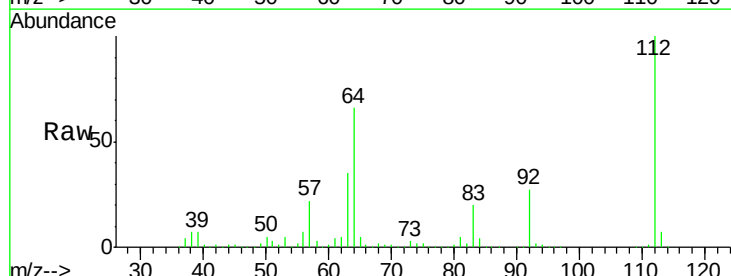
Tgt Ion:112 Resp: 1262264

Ion Ratio Lower Upper

112 100

64 66.1 36.6 55.0#

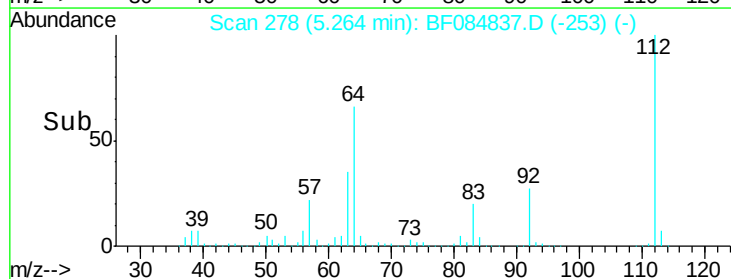
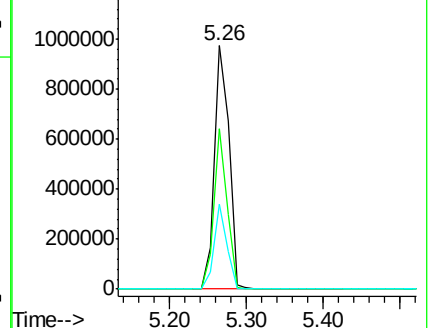
63 34.8 19.4 29.0#

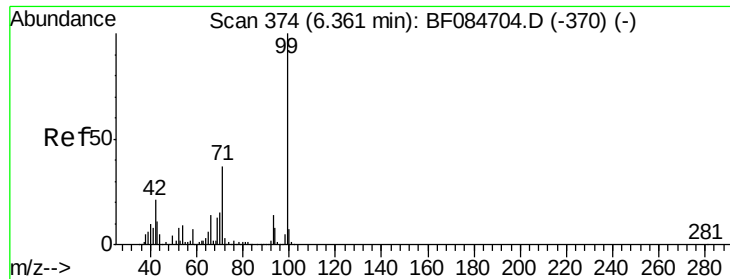


Abundance Ion 112.00 (111.70 to 112.70): E

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 :

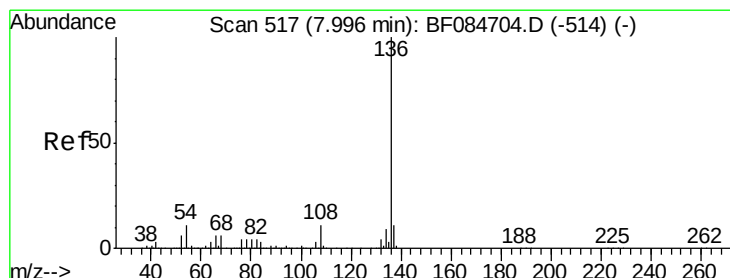
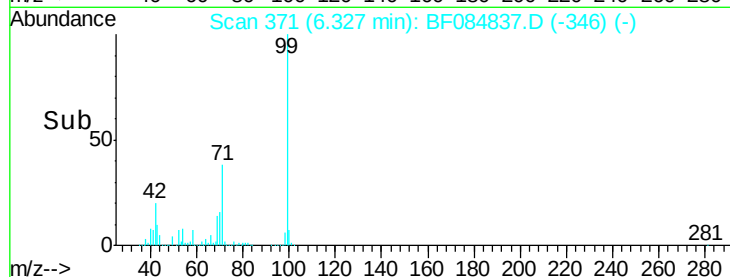
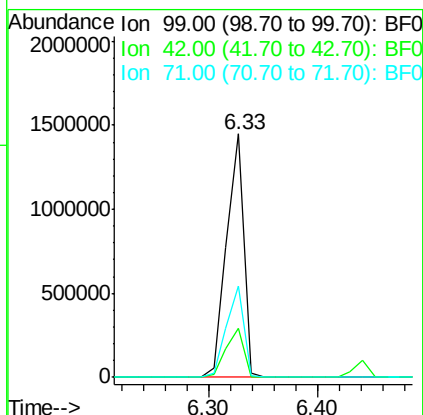
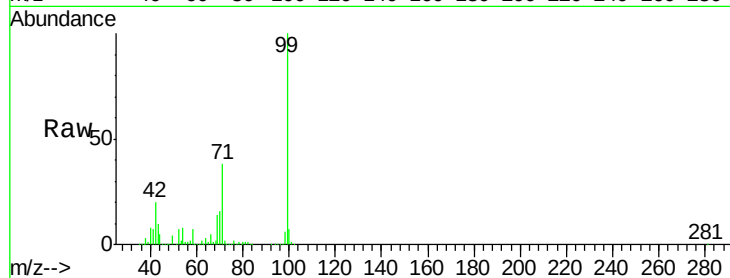
BNA_F

ClientSampleId :

S4-B017(26-28)

Tot Ion: 99 Resp: 1590836

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 514

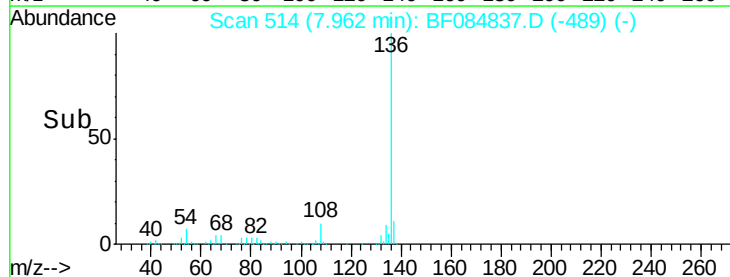
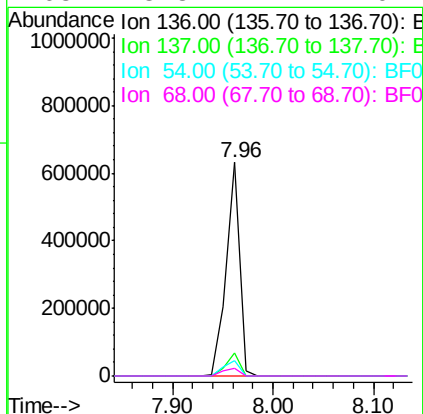
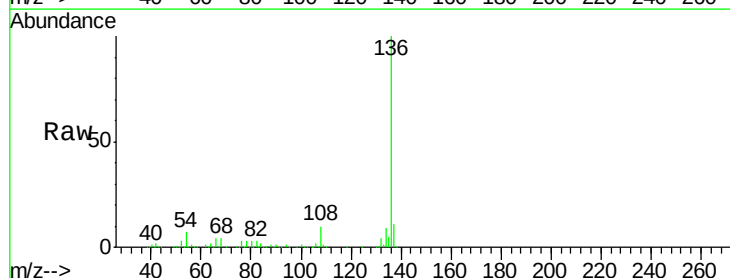
Delta R.T. -0.01 min

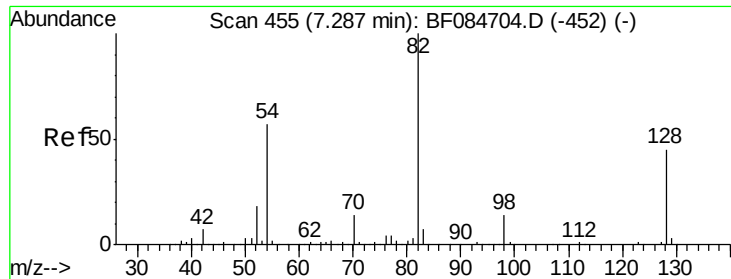
Lab File: BF084837.D

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#

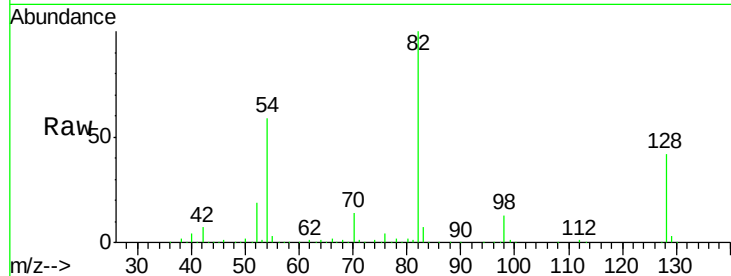




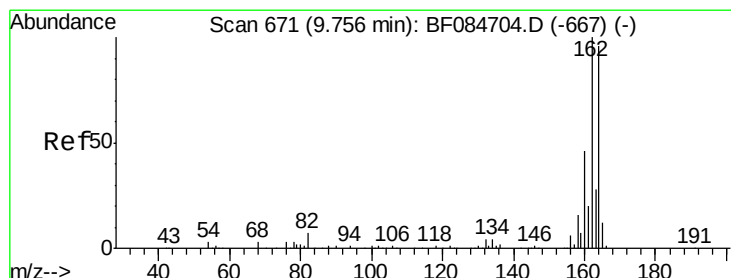
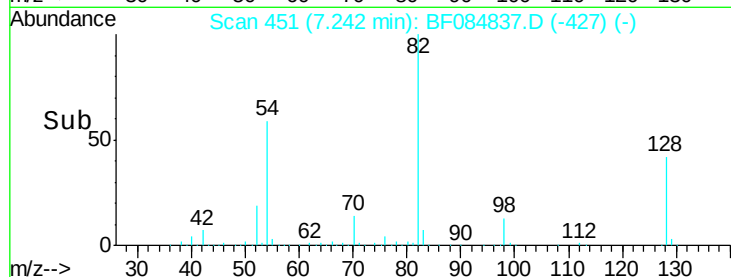
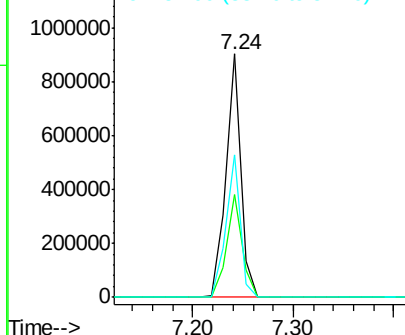
#23
 Nitrobenzene-d5
 Concen: 88.81 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF084837.D
 Acq: 4 Feb 2016 19:15

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

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

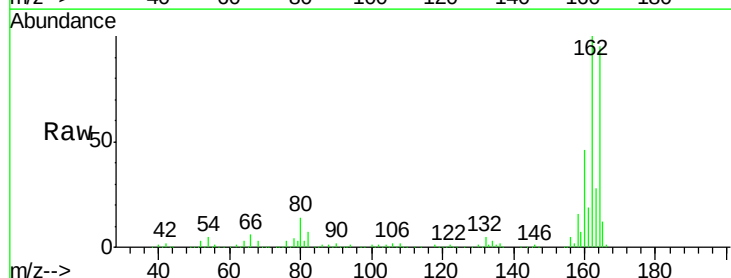


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

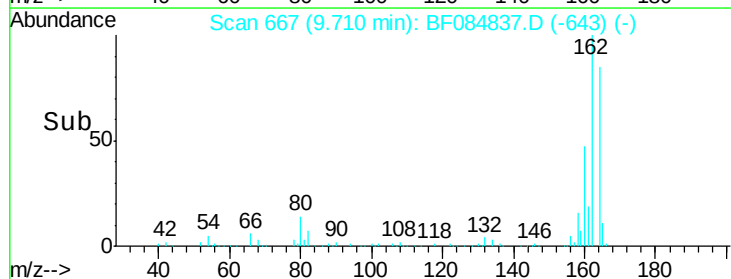
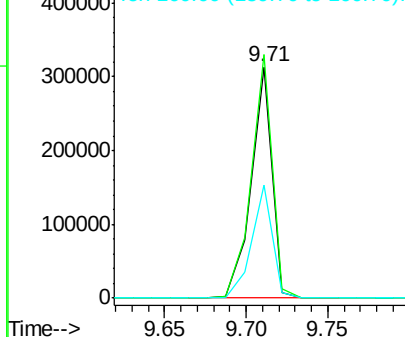


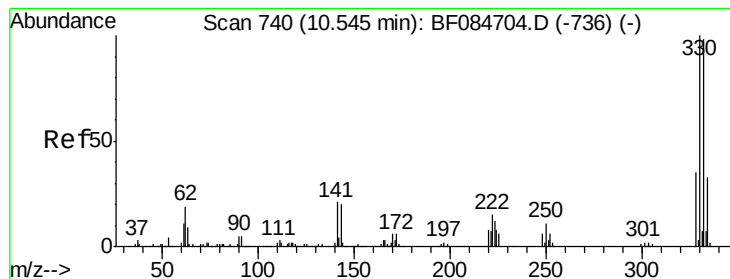
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF084837.D
 Acq: 4 Feb 2016 19:15

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



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

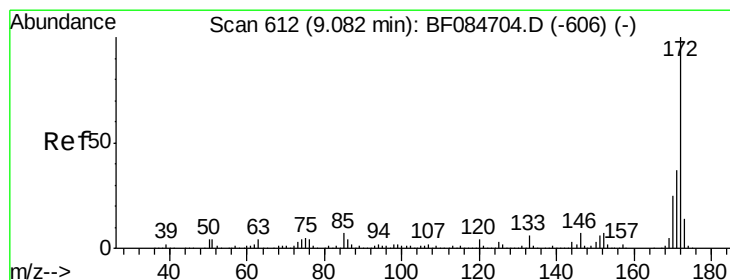
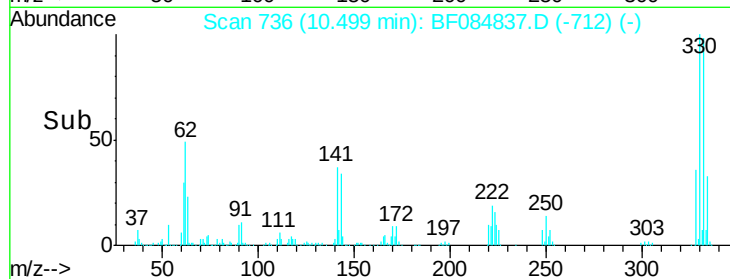
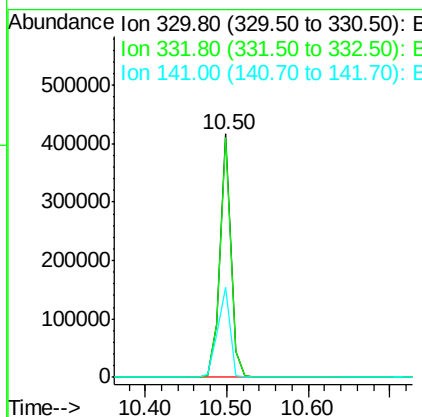
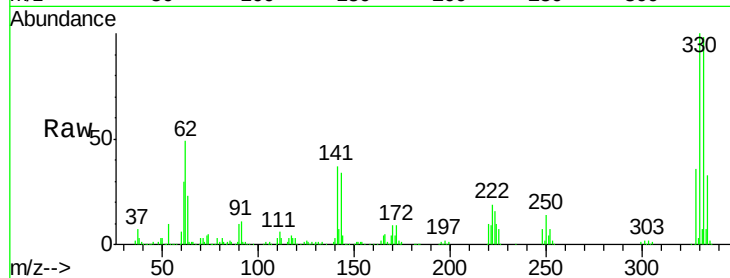




#41
 2,4,6-Tribromophenol
 Concen: 133.78 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF084837.D
 Acq: 4 Feb 2016 19:15

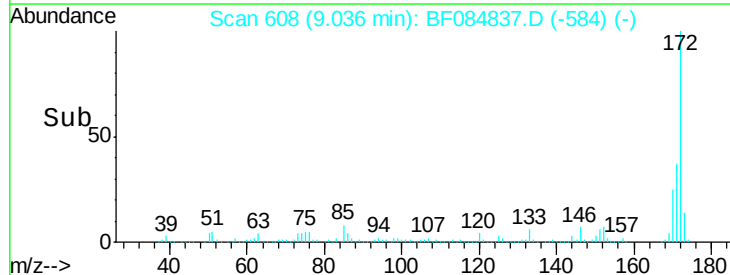
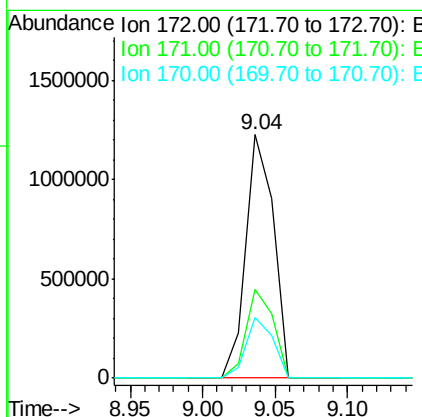
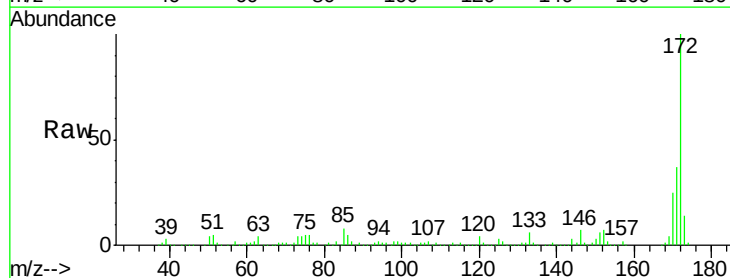
Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(26-28)

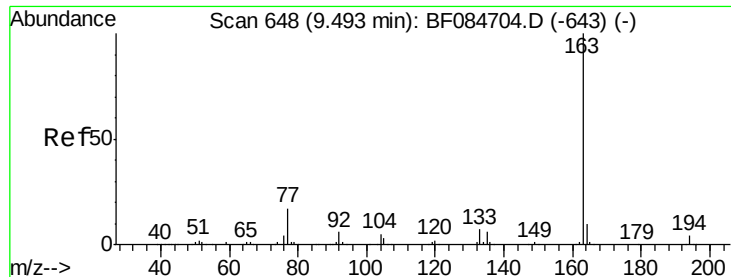
Tot Ion:330 Resp: 384751
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.6 114.8
 141 42.1 27.8 41.6#



#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





#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 :

BNA_F

ClientSampleId :

S4-B017(26-28)

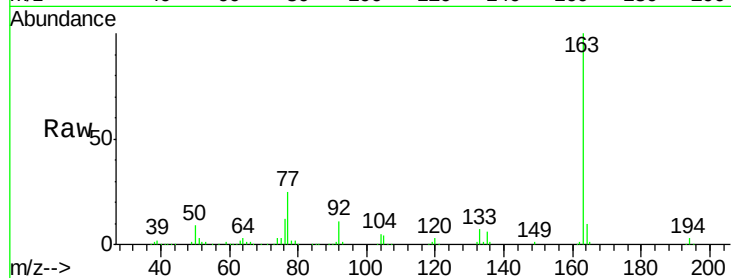
Tot Ion:163 Resp: 288913

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

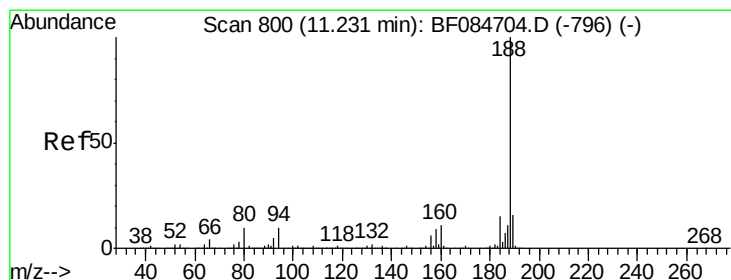
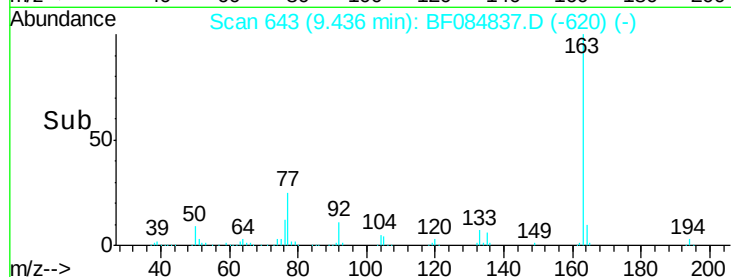
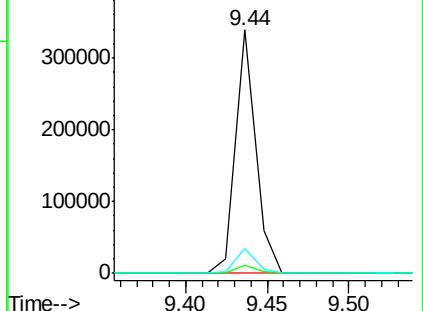
164 10.2 8.0 12.0



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



#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

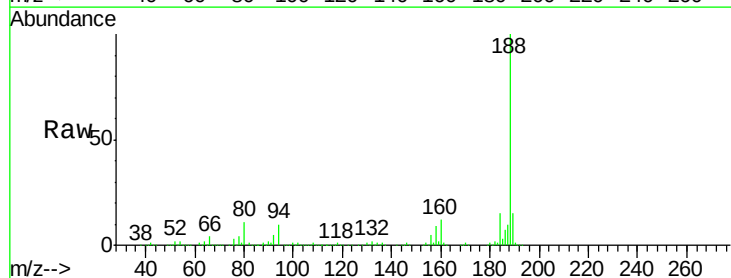
Tgt Ion:188 Resp: 483067

Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.4

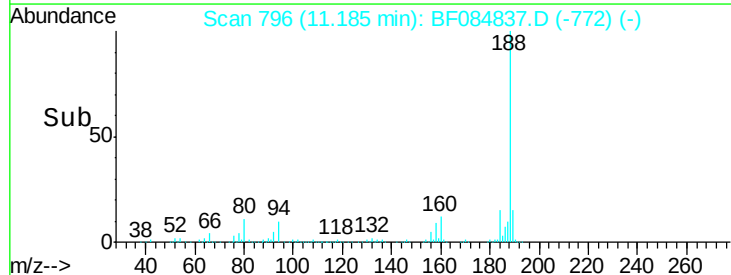
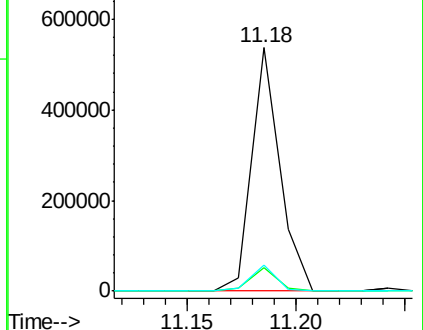
80 10.8 9.6 14.4

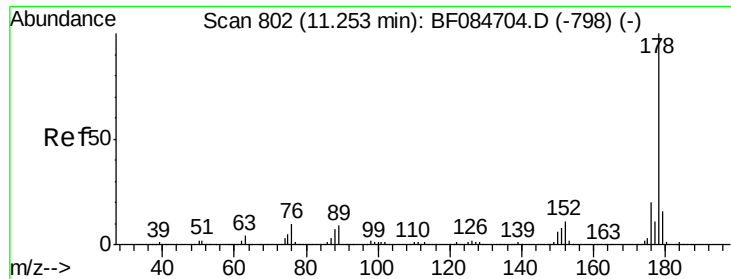


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

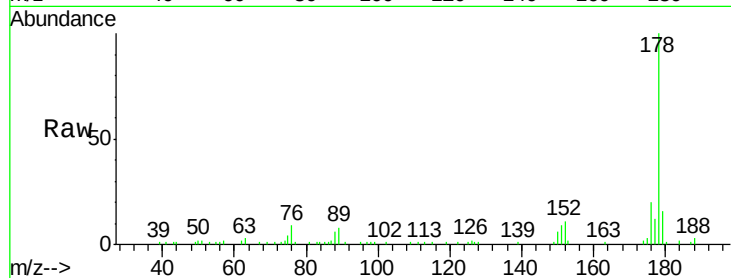




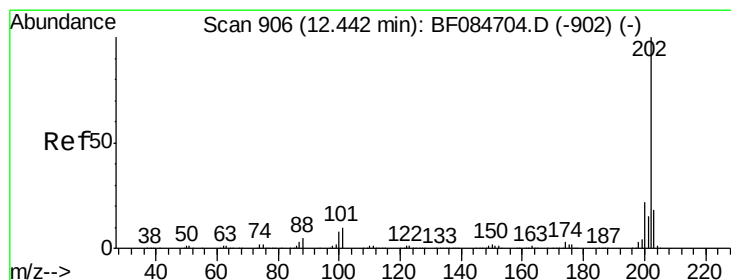
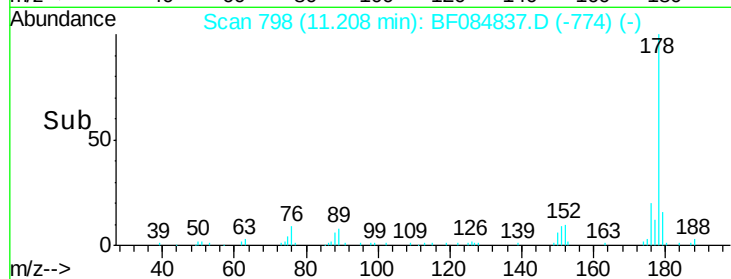
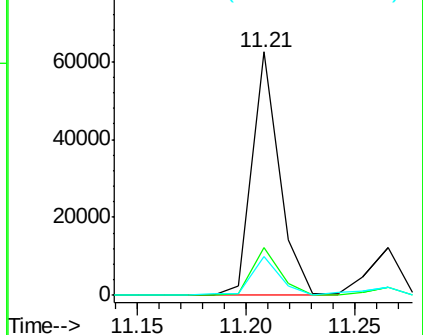
#70
Phenanthrene
Concen: 2.04 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF084837.D
Acq: 4 Feb 2016 19:15

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

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

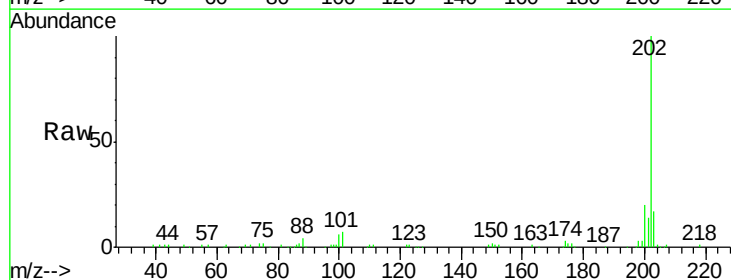


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

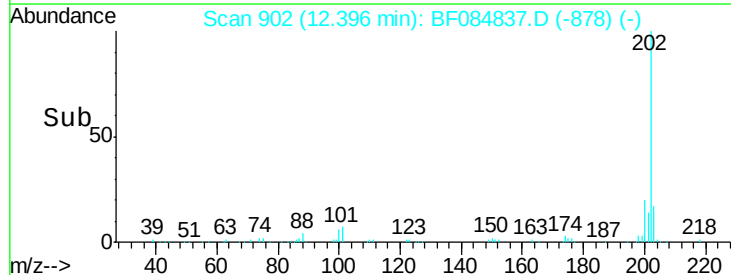
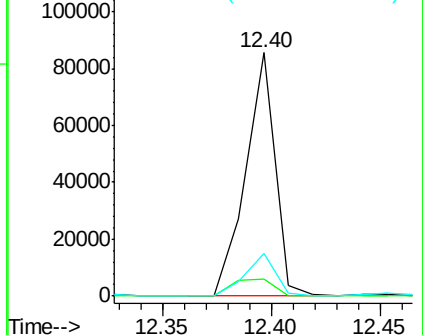


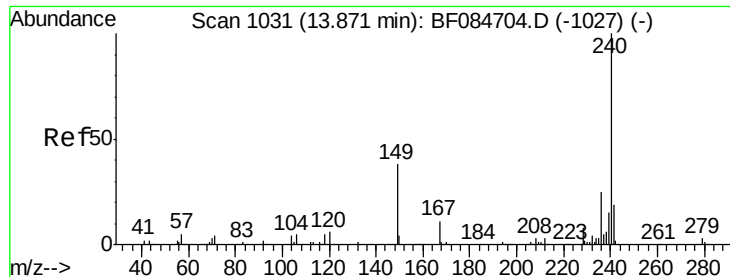
#74
Fluoranthene
Concen: 2.96 ng
RT: 12.40 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF084837.D
Acq: 4 Feb 2016 19:15

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 :

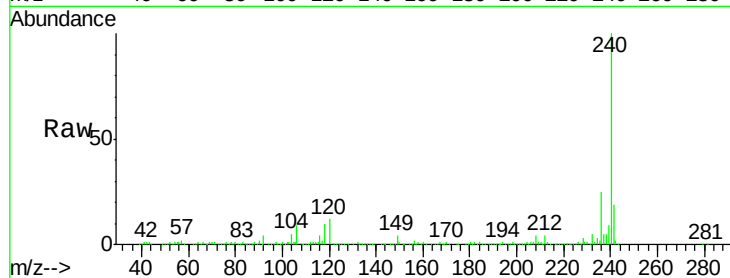
BNA_F

ClientSampleId :

S4-B017(26-28)

Tot Ion:240 Resp: 364673

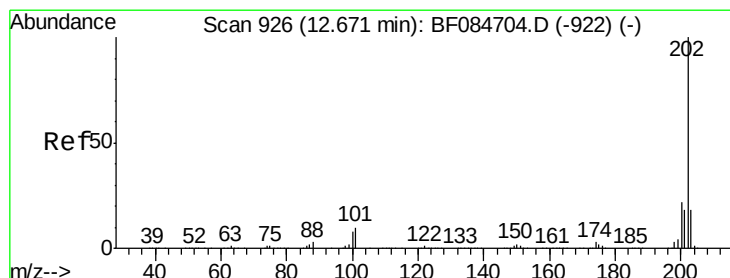
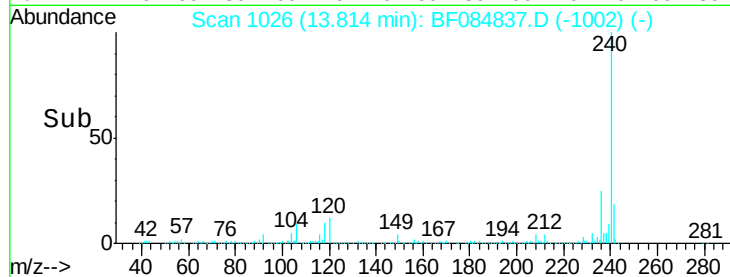
Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	25.5	20.6	31.0



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

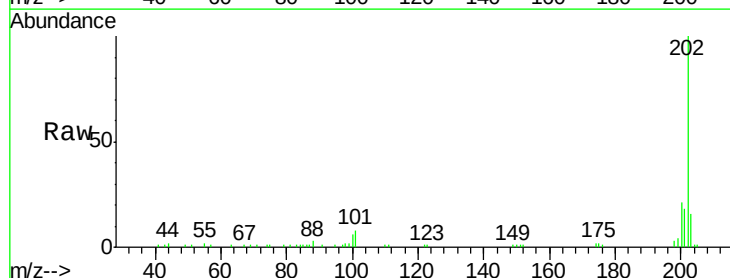
Delta R.T. -0.01 min

Lab File: BF084837.D

Acq: 4 Feb 2016 19:15

Tgt Ion:202 Resp: 75494

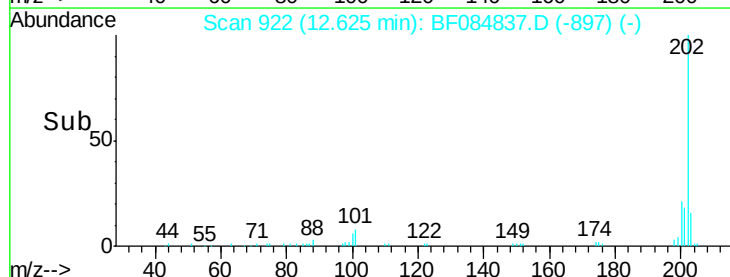
Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.2	25.8
203	16.0	14.3	21.5

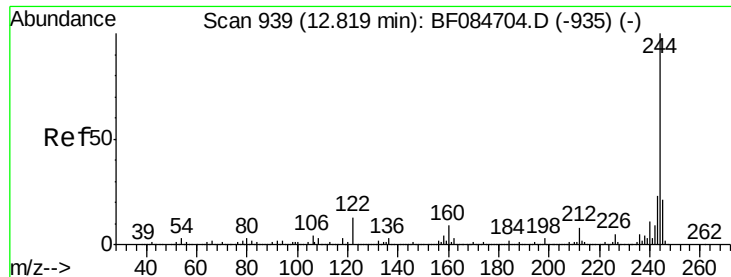


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

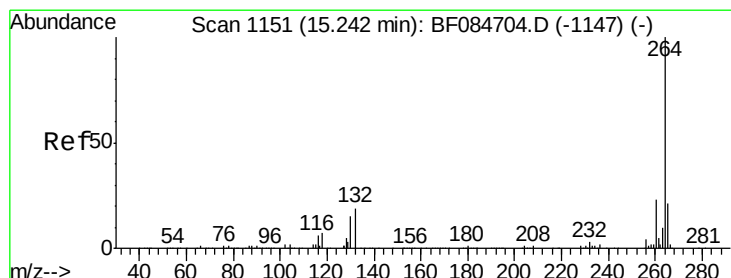
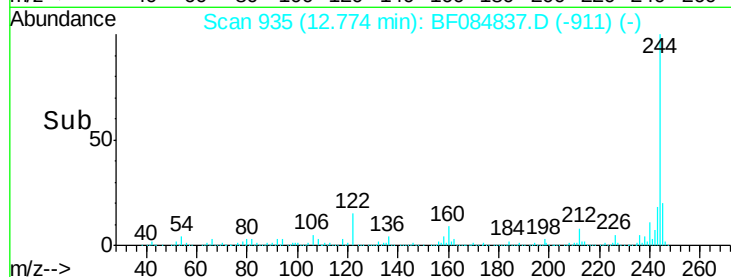
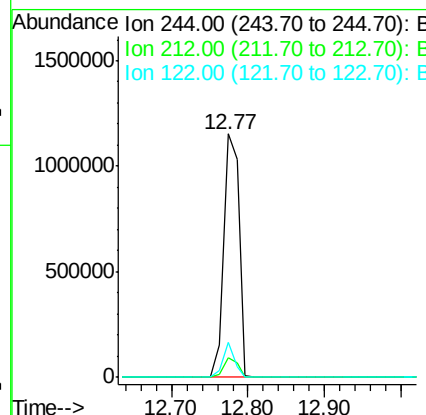
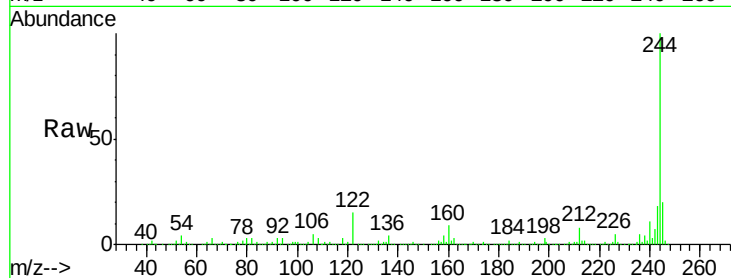




#78
 Terphenyl-d14
 Concen: 100.54 ng
 RT: 12.77 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF084837.D
 Acq: 4 Feb 2016 19:15

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

Tot 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

