

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
 Data File : BF084359.D
 Acq On : 10 Jan 2016 12:34
 Operator : SJ/UM
 Sample : H1043-06 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3N(0-10)

Quant Time: Jan 11 04:16:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

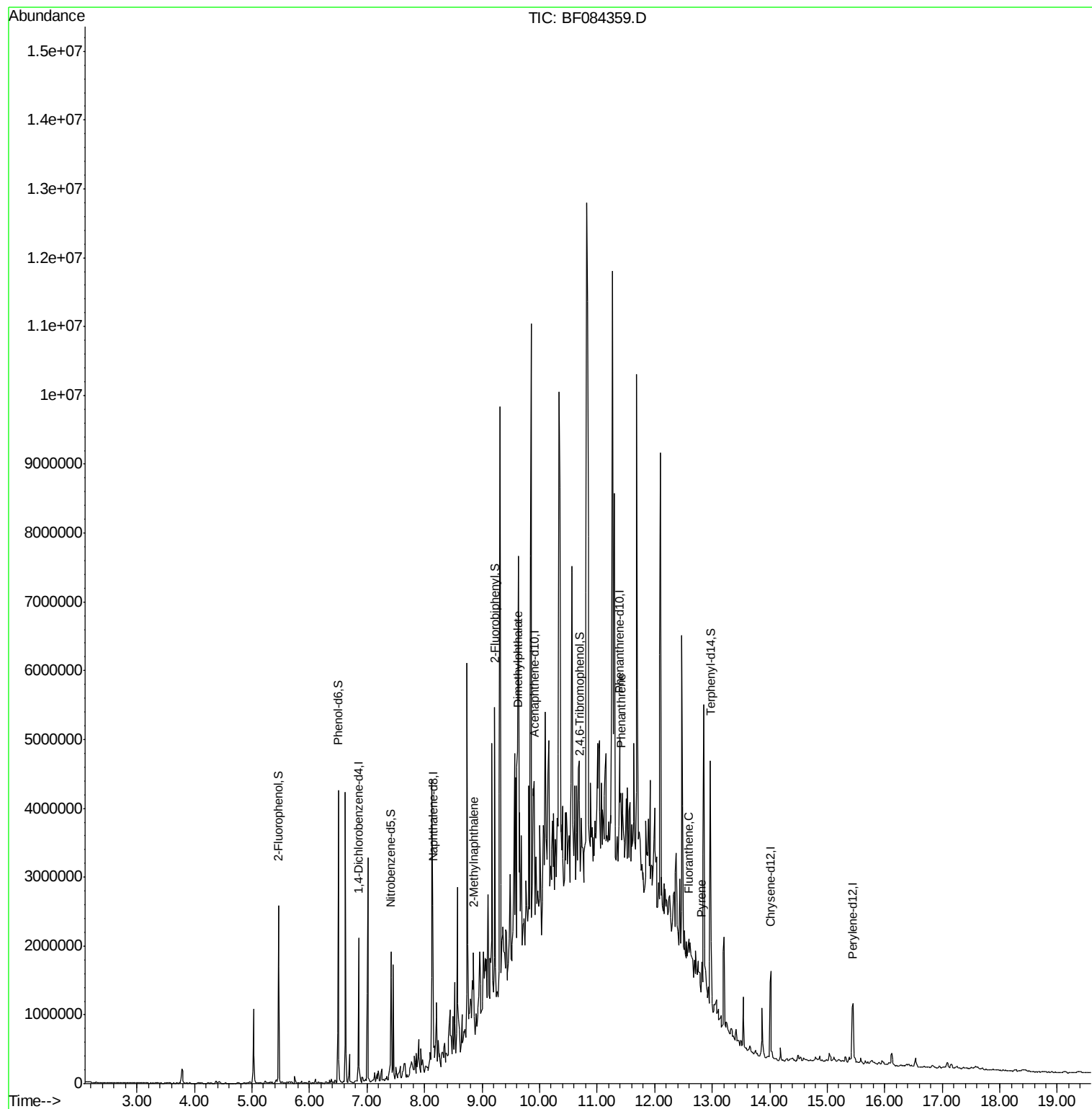
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	264347	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1036716	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	438363	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	795416	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	598159	20.00	ng	-0.05
86) Perylene-d12	15.45	264	500011	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	857860	52.49	ng	-0.03
7) Phenol-d6	6.50	99	1195096	58.22	ng	-0.03
23) Nitrobenzene-d5	7.41	82	793670	42.61	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	127616	28.84	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	1216677	45.92	ng	-0.04
78) Terphenyl-d14	12.97	244	1064198	39.71	ng	-0.05
Target Compounds						
37) 2-Methylnaphthalene	8.85	142	339234	10.05	ng	Qvalue 95
49) Dimethylphthalate	9.62	163	260784	8.32	ng	# 95
70) Phenanthrene	11.41	178	394032	9.47	ng	# 94
74) Fluoranthene	12.59	202	132480	3.05	ng	93
77) Pyrene	12.82	202	159865	3.41	ng	97

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

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Quant Time: Jan 11 04:16:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
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QLast Update : Mon Jan 04 12:22:40 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084359.D

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Instrument :

BNA_F

ClientSampleId :

SB-3N(0-10)

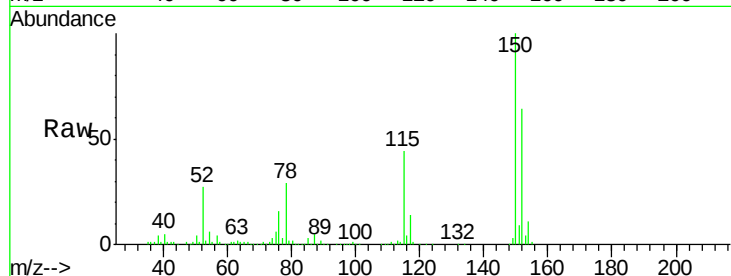
Tot Ion:152 Resp: 264347

Ion Ratio Lower Upper

152 100

150 155.1 123.0 184.4

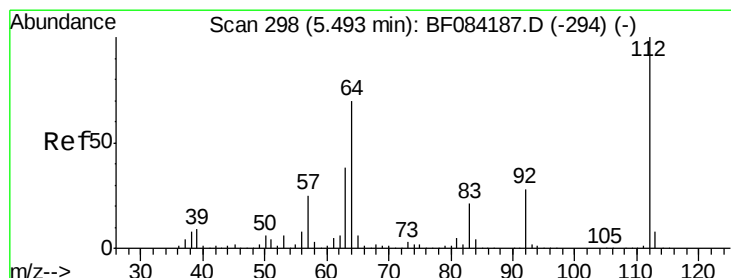
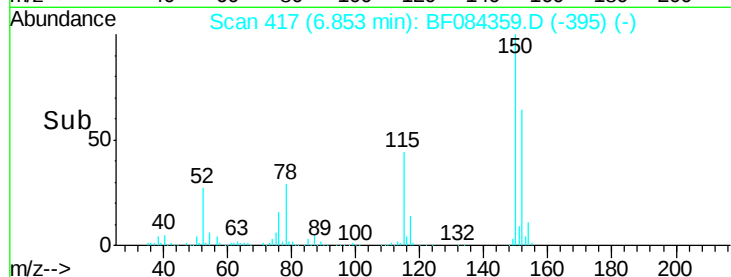
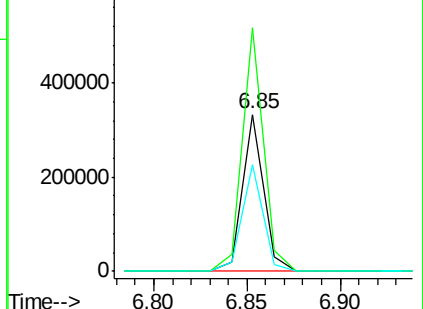
115 67.8 51.4 77.2



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: 52.49 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084359.D

Acq: 10 Jan 2016 12:34

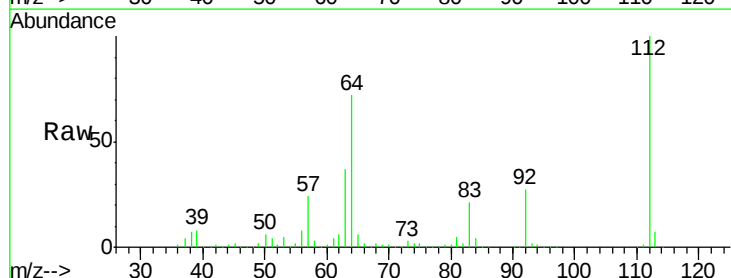
Tgt Ion:112 Resp: 857860

Ion Ratio Lower Upper

112 100

64 71.9 36.6 55.0#

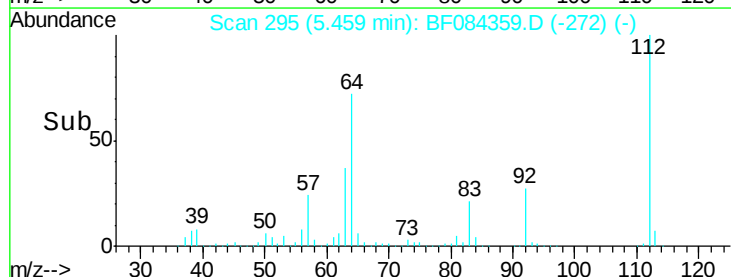
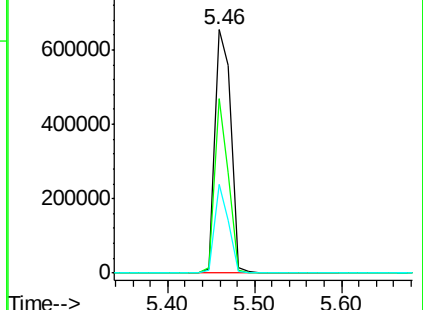
63 36.7 19.4 29.0#

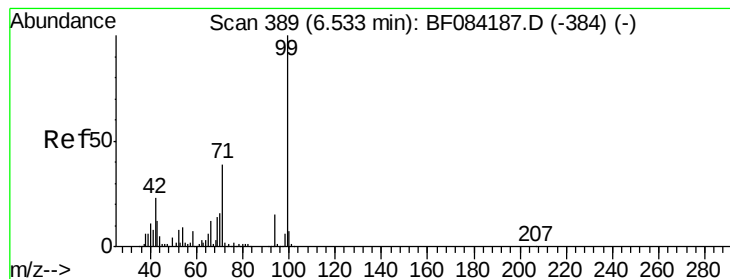


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 58.22 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084359.D

Acq: 10 Jan 2016 12:34

Instrument :

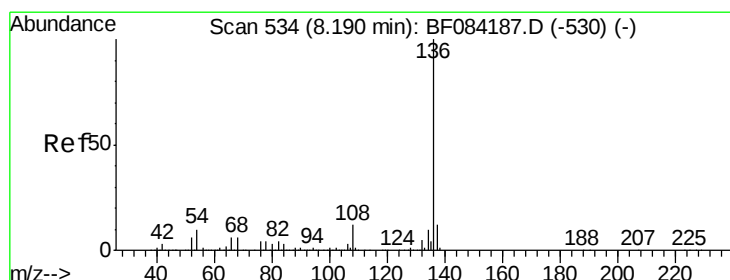
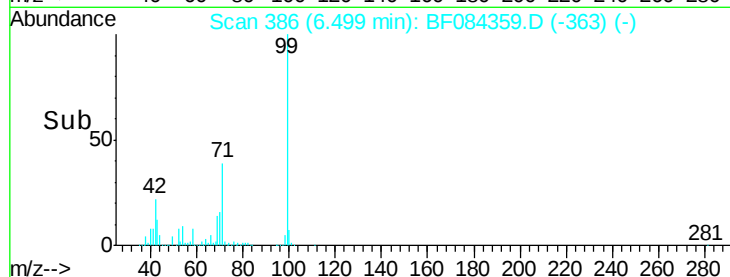
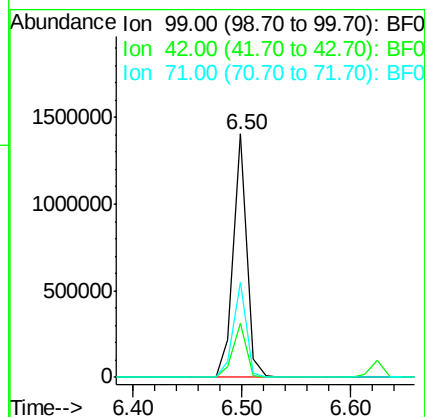
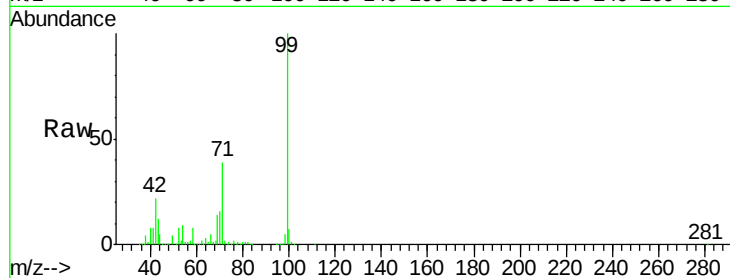
BNA_F

ClientSampleId :

SB-3N(0-10)

Tot Ion: 99 Resp: 1195096

Ion	Ratio	Lower	Upper
99	100		
42	22.4	12.8	19.2#
71	38.8	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

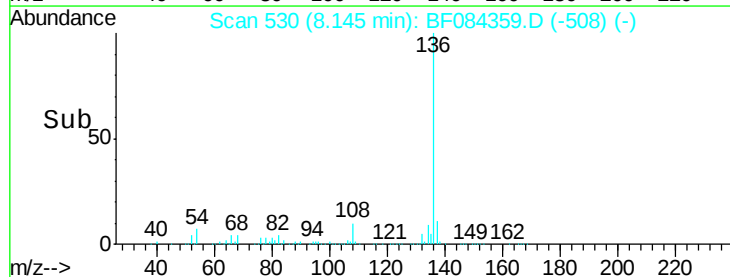
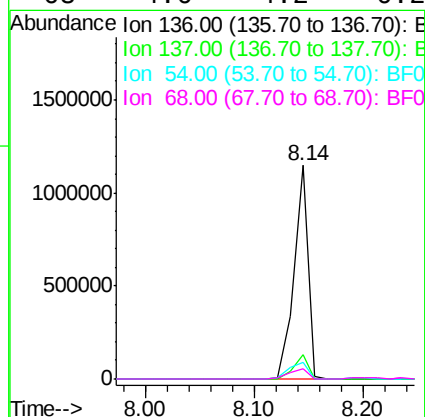
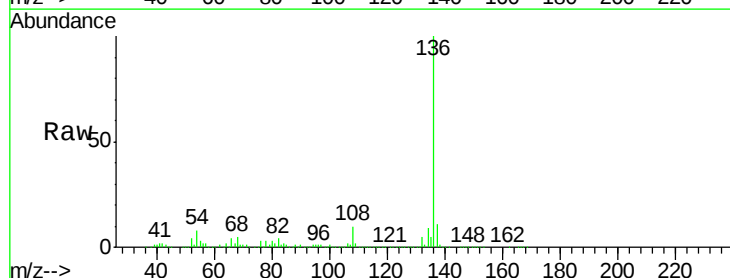
Delta R.T. -0.05 min

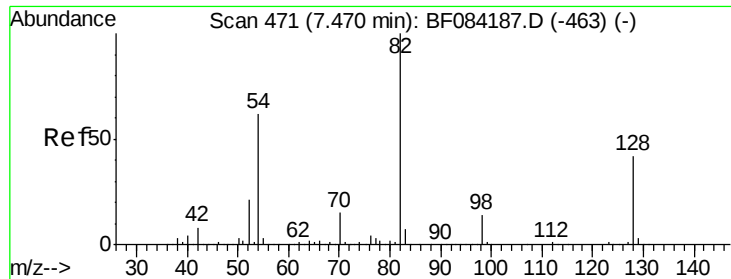
Lab File: BF084359.D

Acq: 10 Jan 2016 12:34

Tgt Ion: 136 Resp: 1036716

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.5	5.8	8.8
68	4.6	4.2	6.2

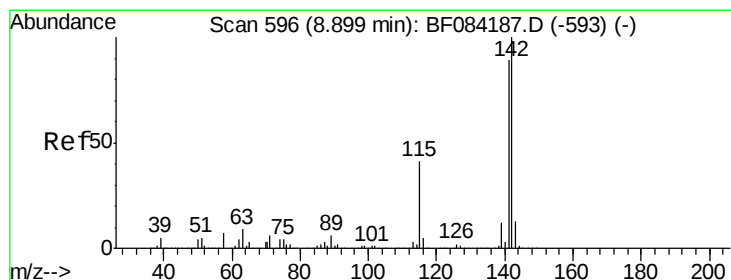
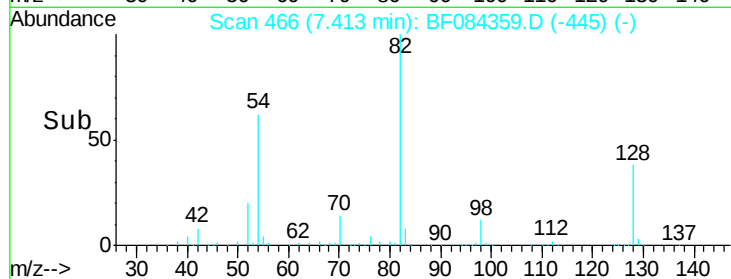
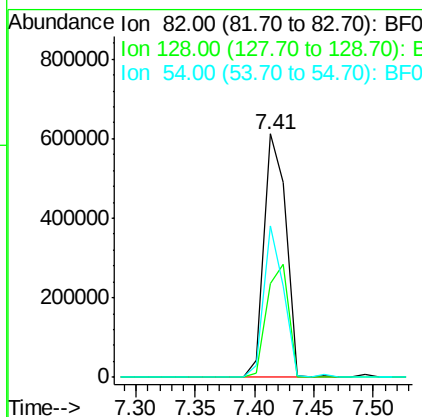
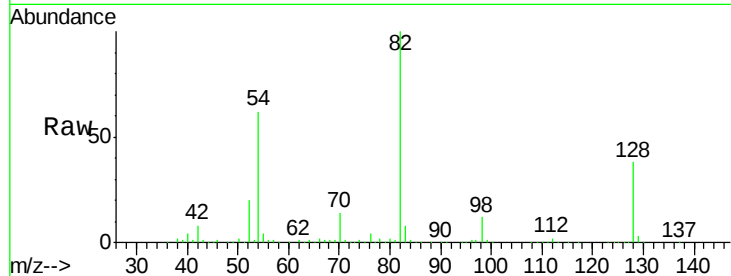




#23
Nitrobenzene-d5
Concen: 42.61 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.06 min
Lab File: BF084359.D
Acq: 10 Jan 2016 12:34

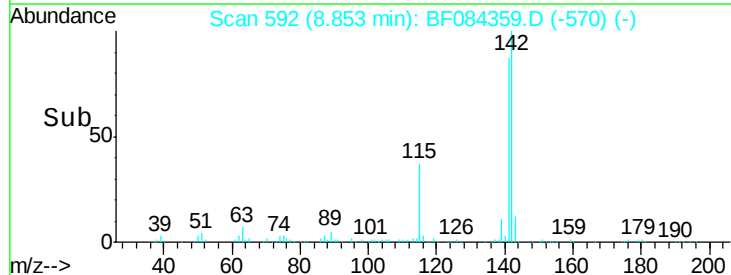
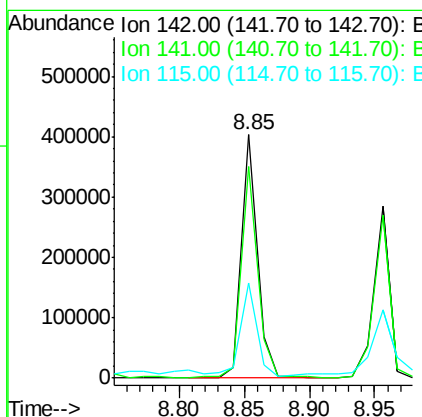
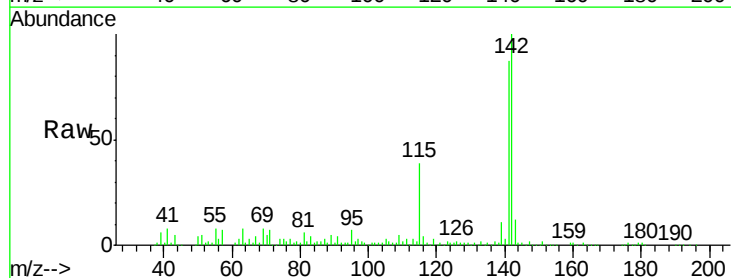
Instrument :
BNA_F
ClientSampleId :
SB-3N(0-10)

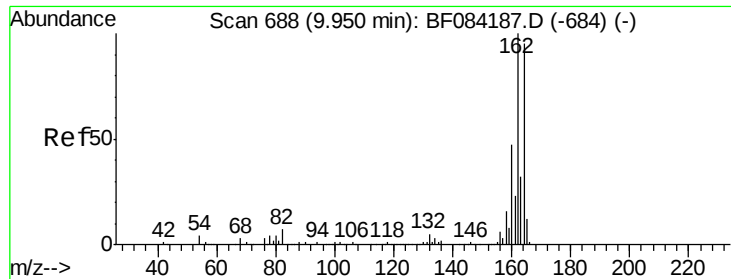
Tot Ion: 82 Resp: 793670
Ion Ratio Lower Upper
82 100
128 38.3 34.6 51.8
54 62.3 38.4 57.6#



#37
2-Methylnaphthalene
Concen: 10.05 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.05 min
Lab File: BF084359.D
Acq: 10 Jan 2016 12:34

Tgt Ion: 142 Resp: 339234
Ion Ratio Lower Upper
142 100
141 86.8 72.4 108.6
115 38.9 27.9 41.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF084359.D

Acq: 10 Jan 2016 12:34

Instrument :

BNA_F

ClientSampleId :

SB-3N(0-10)

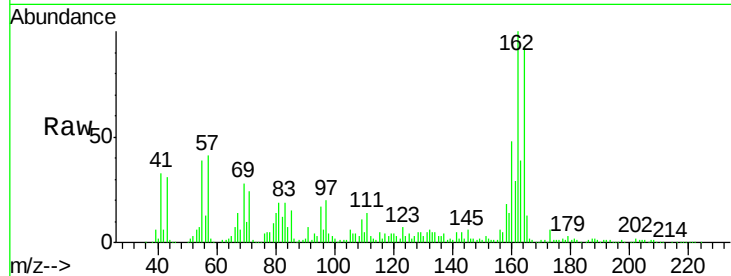
Tot Ion:164 Resp: 438363

Ion Ratio Lower Upper

164 100

162 107.5 85.1 127.7

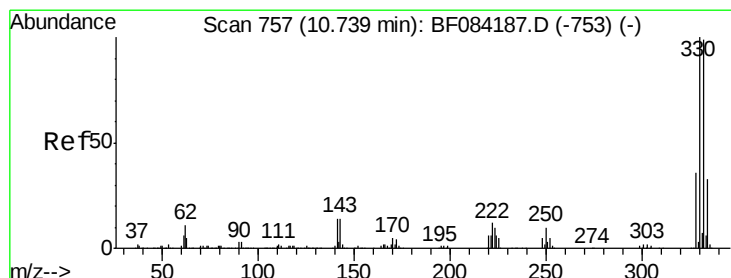
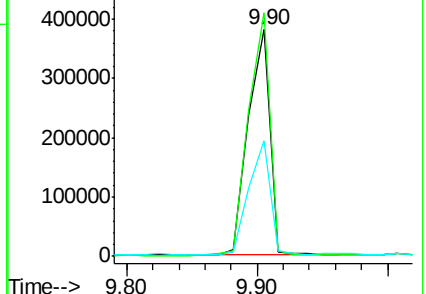
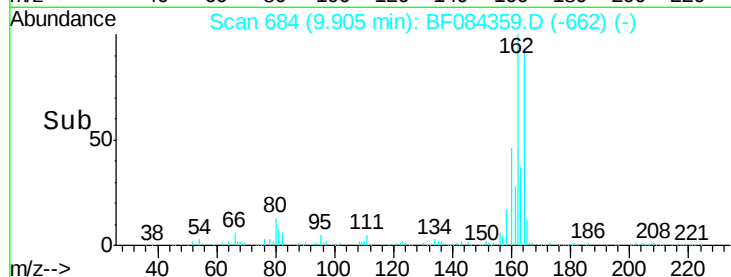
160 51.1 37.5 56.3



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: 28.84 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084359.D

Acq: 10 Jan 2016 12:34

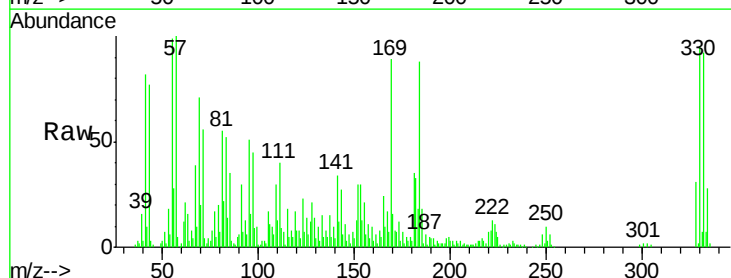
Tgt Ion:330 Resp: 127616

Ion Ratio Lower Upper

330 100

332 97.5 76.6 114.8

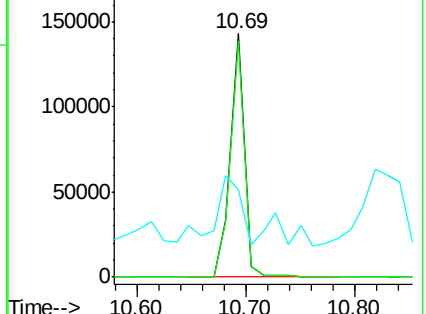
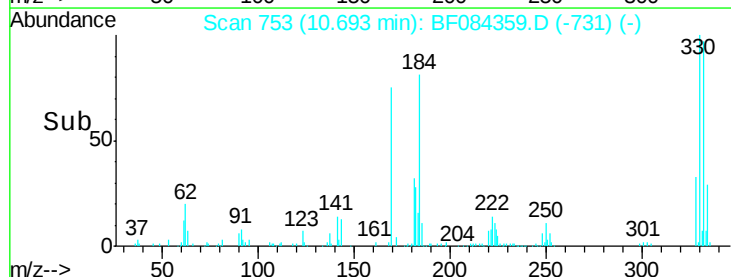
141 51.8 27.8 41.6#

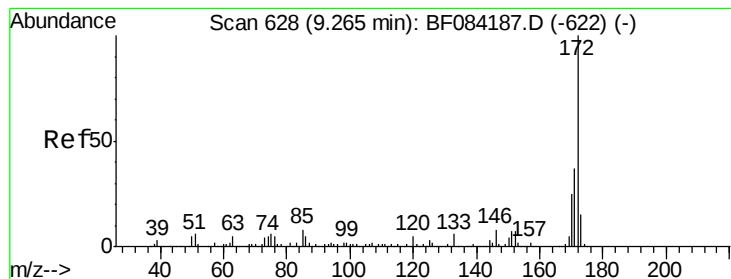


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

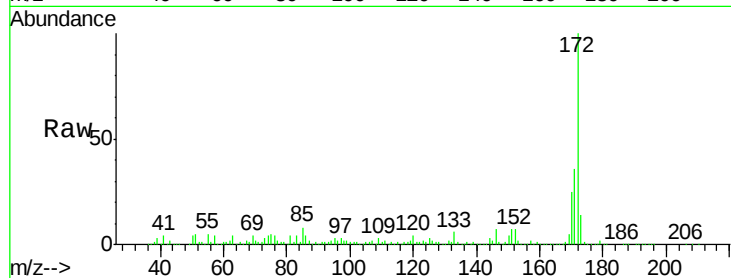




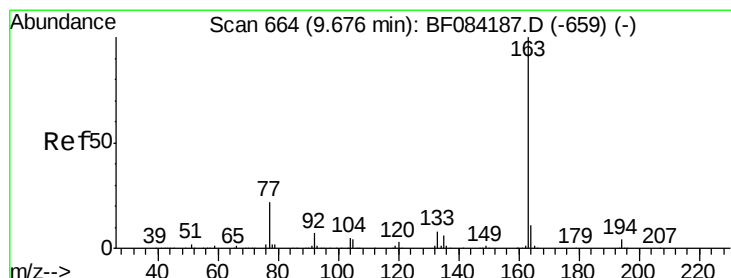
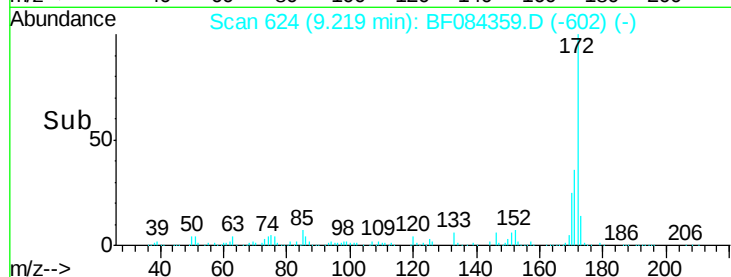
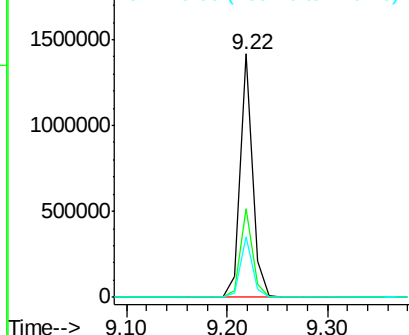
#44
2-Fluorobiphenyl
Concen: 45.92 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.04 min
Lab File: BF084359.D
Acq: 10 Jan 2016 12:34

Instrument :
BNA_F
ClientSampleId :
SB-3N(0-10)

Tot Ion:172 Resp: 1216677
Ion Ratio Lower Upper
172 100
171 36.3 28.9 43.3
170 24.8 18.6 27.8

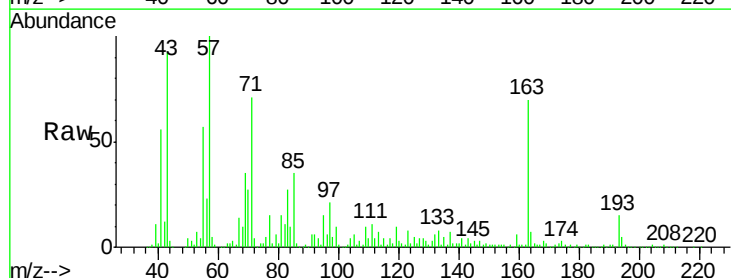


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

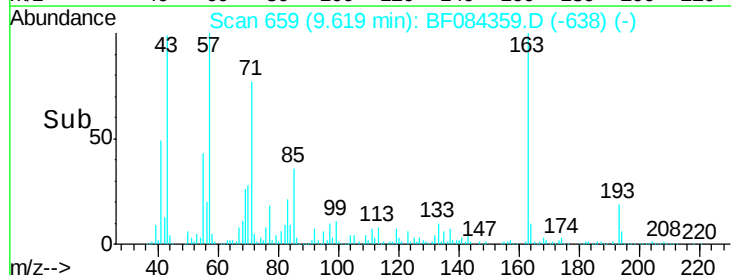
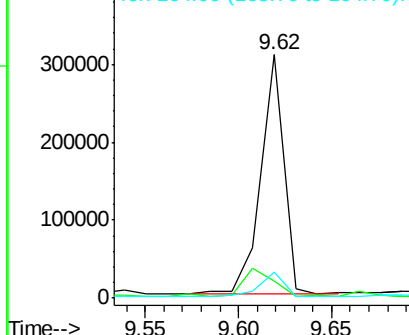


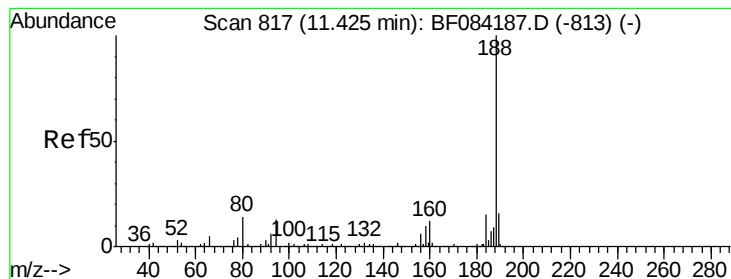
#49
Dimethylphthalate
Concen: 8.32 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084359.D
Acq: 10 Jan 2016 12:34

Tgt Ion:163 Resp: 260784
Ion Ratio Lower Upper
163 100
194 6.8 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF084359.D

Acq: 10 Jan 2016 12:34

Instrument :

BNA_F

ClientSampleId :

SB-3N(0-10)

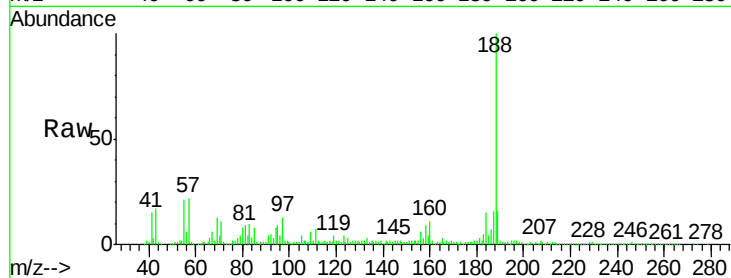
Tot Ion:188 Resp: 795416

Ion Ratio Lower Upper

188 100

94 7.8 9.0 13.4#

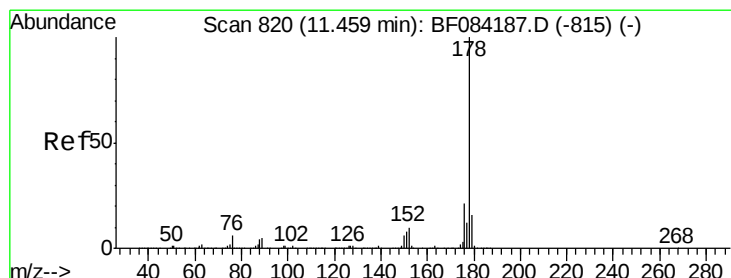
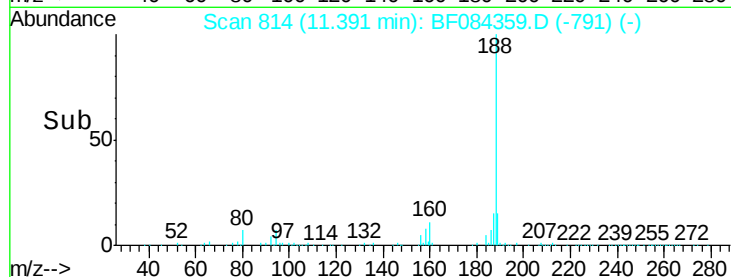
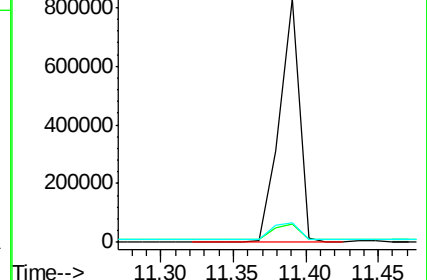
80 8.1 9.6 14.4#



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



#70

Phenanthrene

Concen: 9.47 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF084359.D

Acq: 10 Jan 2016 12:34

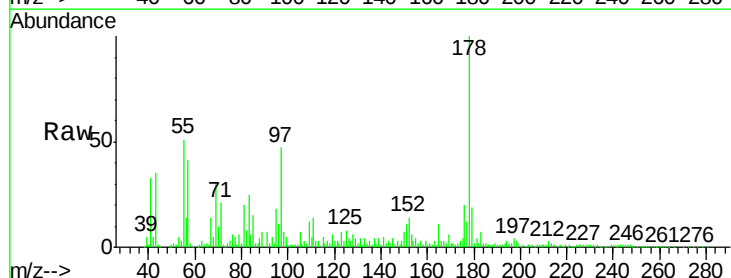
Tgt Ion:178 Resp: 394032

Ion Ratio Lower Upper

178 100

176 20.1 15.3 22.9

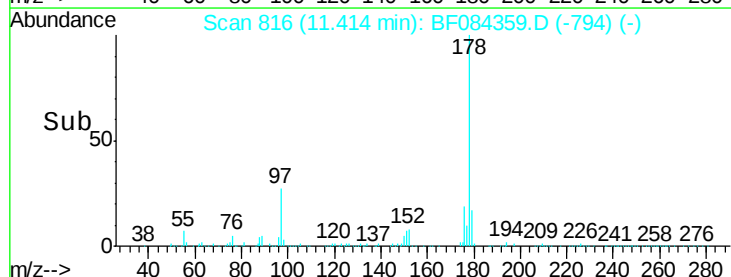
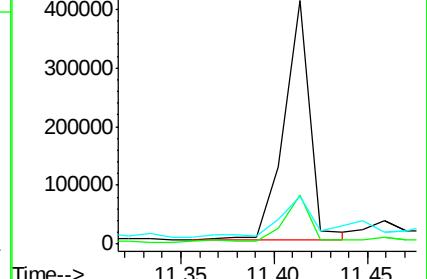
179 19.5 12.0 18.0#

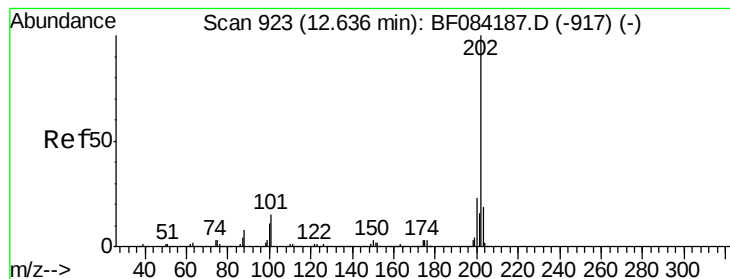


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 3.05 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.05 min

Lab File: BF084359.D

Acq: 10 Jan 2016 12:34

Instrument :

BNA_F

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SB-3N(0-10)

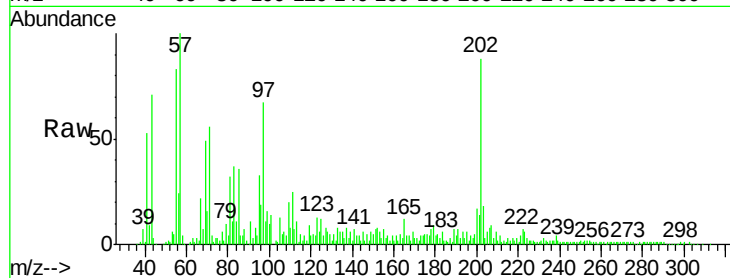
Tot Ion:202 Resp: 132480

Ion Ratio Lower Upper

202 100

101 16.0 0.0 32.8

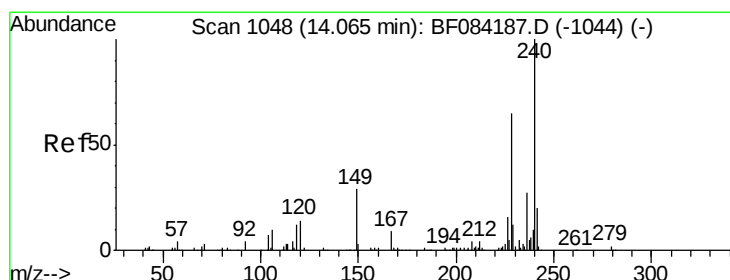
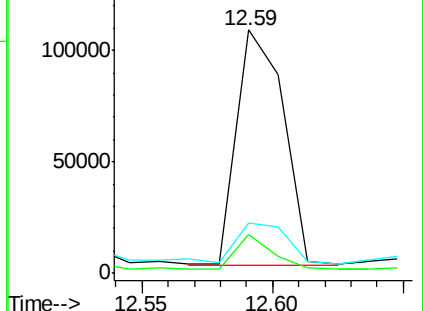
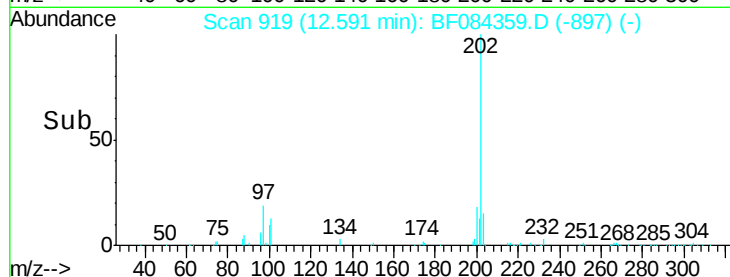
203 20.8 0.0 37.9



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: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084359.D

Acq: 10 Jan 2016 12:34

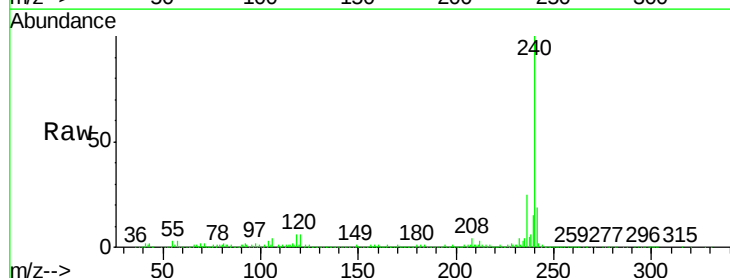
Tgt Ion:240 Resp: 598159

Ion Ratio Lower Upper

240 100

120 6.4 9.5 14.3#

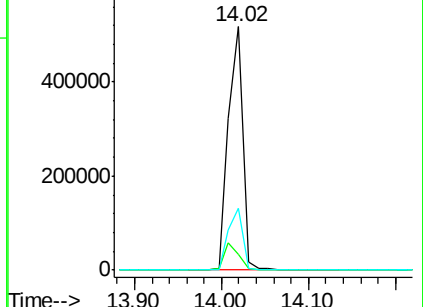
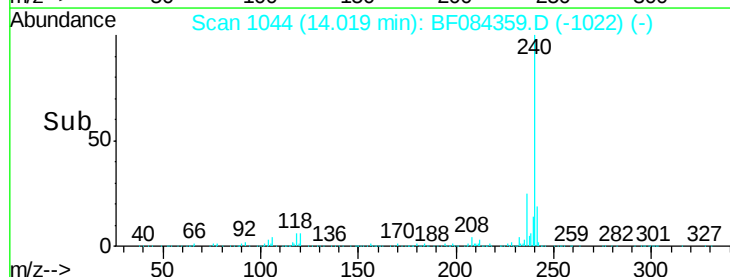
236 25.2 20.6 31.0

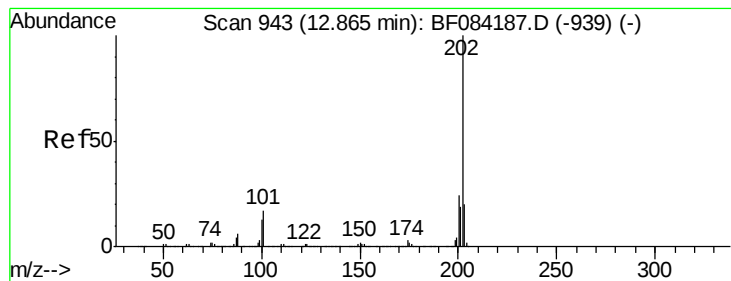


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.41 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.05 min

Lab File: BF084359.D

Acq: 10 Jan 2016 12:34

Instrument :

BNA_F

ClientSampleId :

SB-3N(0-10)

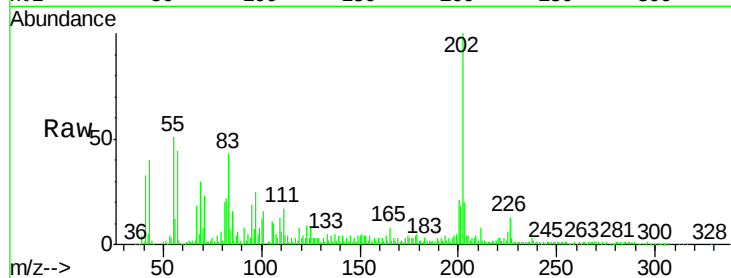
Tot Ion:202 Resp: 159865

Ion Ratio Lower Upper

202 100

200 20.6 17.2 25.8

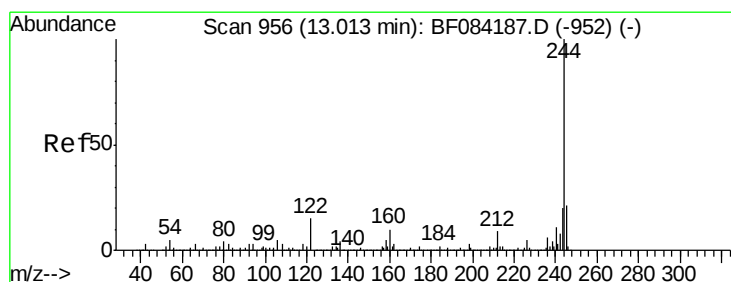
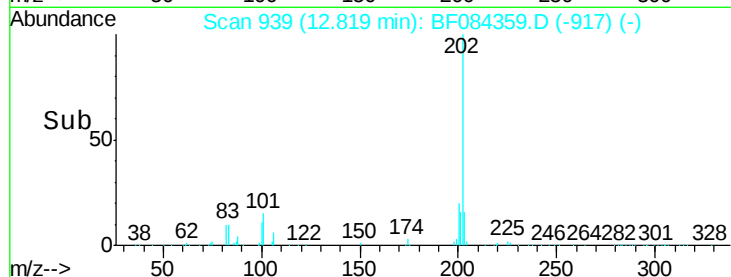
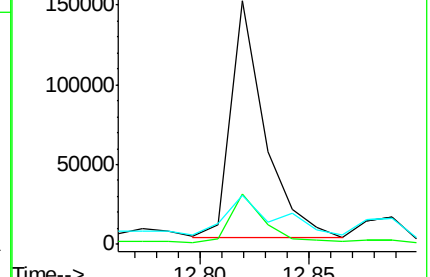
203 19.9 14.3 21.5



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: 39.71 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084359.D

Acq: 10 Jan 2016 12:34

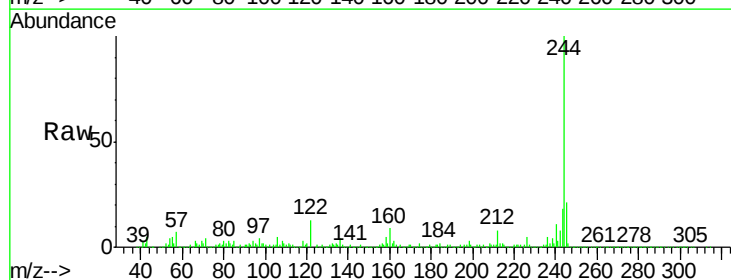
Tgt Ion:244 Resp: 1064198

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

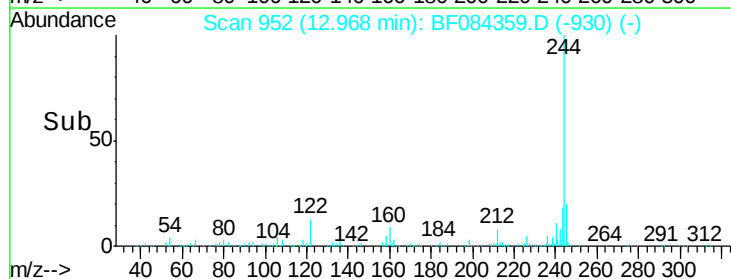
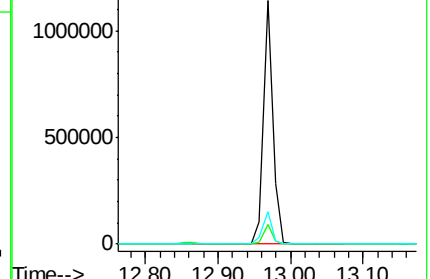
122 13.4 7.4 11.0#

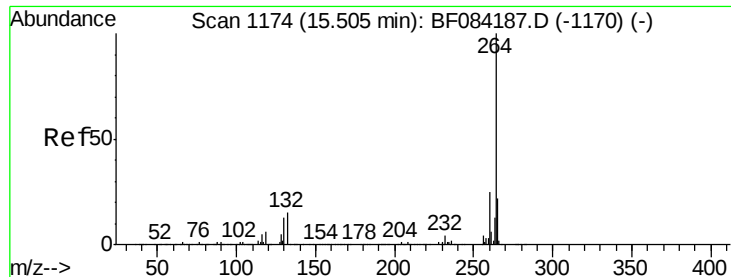


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

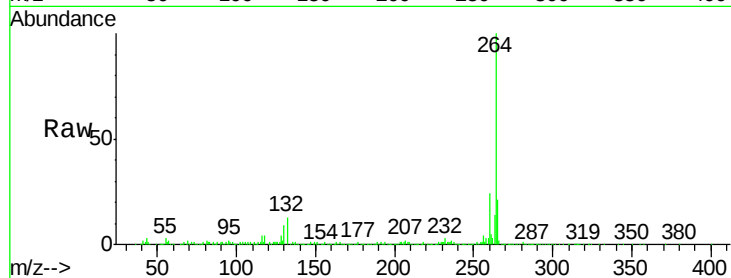




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF084359.D
Acq: 10 Jan 2016 12:34

Instrument :
BNA_F
ClientSampleId :
SB-3N(0-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.1	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

