

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
 Data File : BF084360.D
 Acq On : 10 Jan 2016 13:03
 Operator : SJ/UM
 Sample : H1043-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4S(0-10)

Quant Time: Jan 11 04:21:03 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

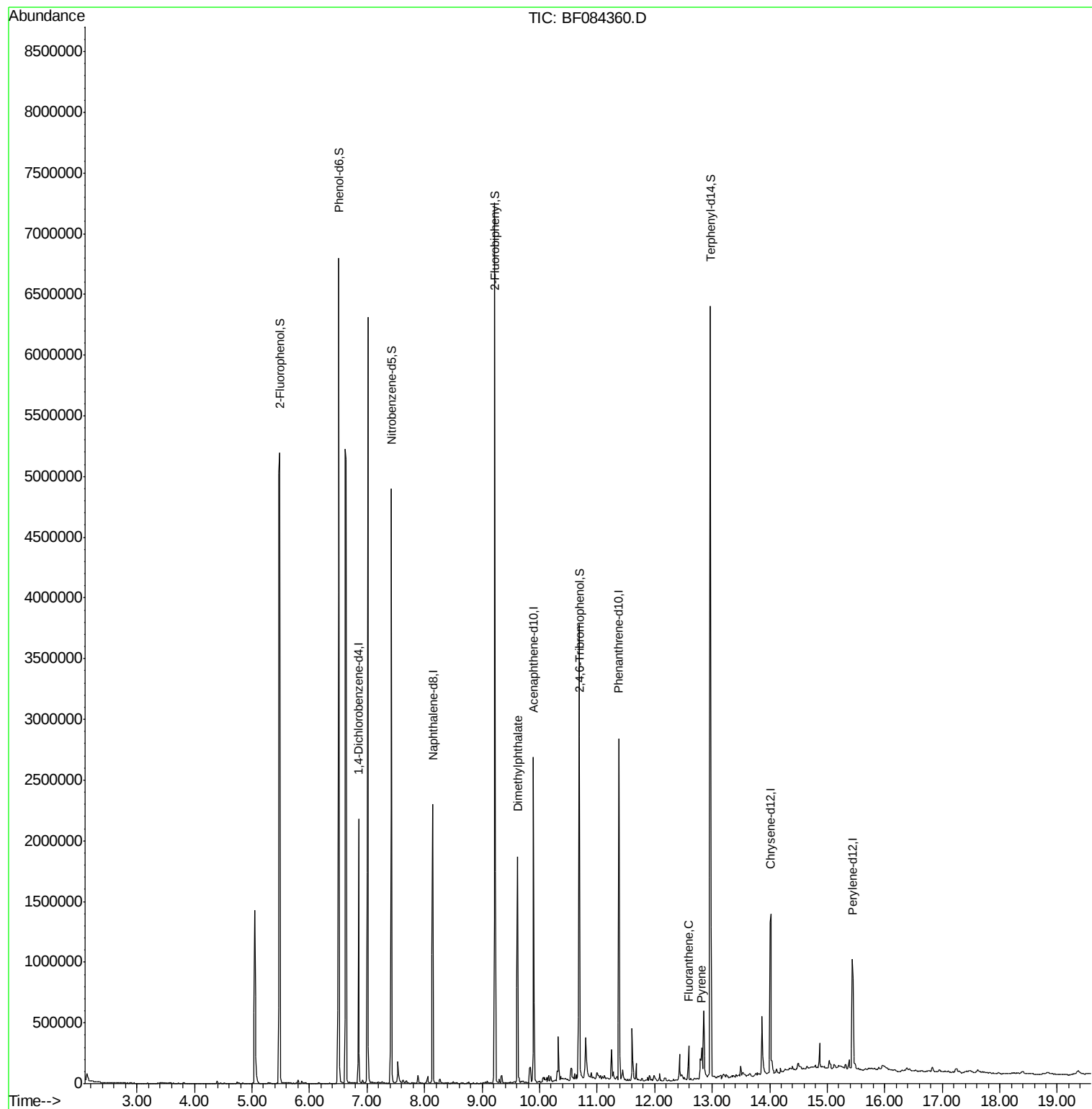
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	275232	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1164263	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	510132	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	924481	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	656088	20.00	ng	-0.05
86) Perylene-d12	15.44	264	489779	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2056560	120.86	ng	-0.01
7) Phenol-d6	6.51	99	2573494	120.42	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1687001	80.64	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	666911	129.49	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2279539	78.09	ng	-0.05
78) Terphenyl-d14	12.97	244	1993373	67.82	ng	-0.05
Target Compounds						
49) Dimethylphthalate	9.62	163	847689	23.24	ng	Qvalue # 91
74) Fluoranthene	12.59	202	123552	2.45	ng	95
77) Pyrene	12.82	202	122161	2.37	ng	97

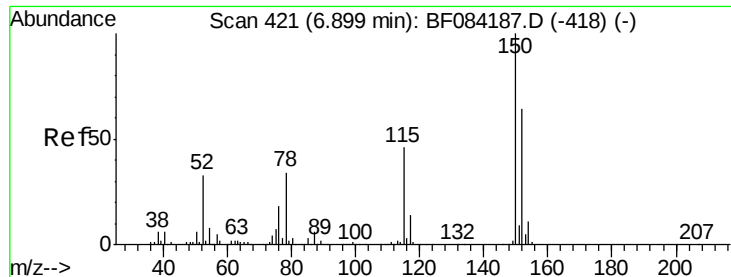
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 11 04:21:03 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084360.D

Acq: 10 Jan 2016 13:03

Instrument :

BNA_F

ClientSampleId :

SB-4S(0-10)

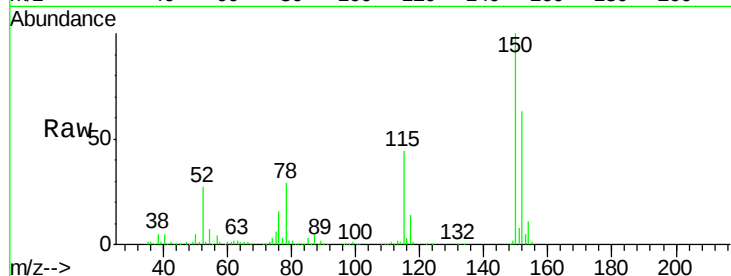
Tot Ion:152 Resp: 275232

Ion Ratio Lower Upper

152 100

150 157.7 123.0 184.4

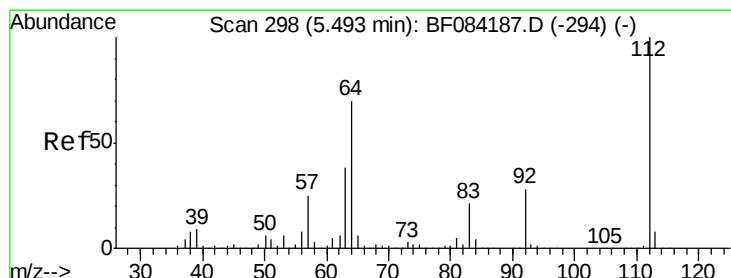
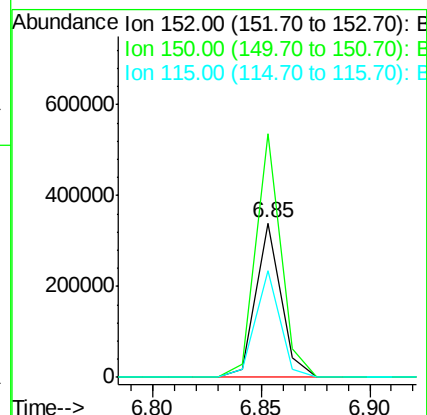
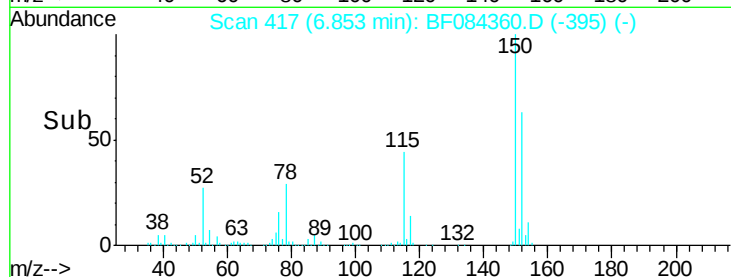
115 69.4 51.4 77.2



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: 120.86 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084360.D

Acq: 10 Jan 2016 13:03

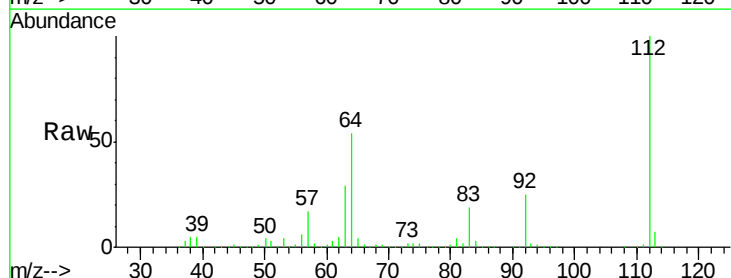
Tgt Ion:112 Resp: 2056560

Ion Ratio Lower Upper

112 100

64 54.0 36.6 55.0

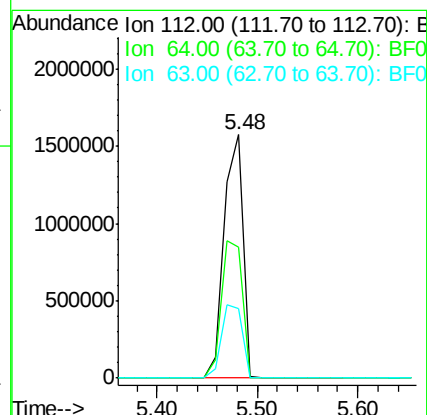
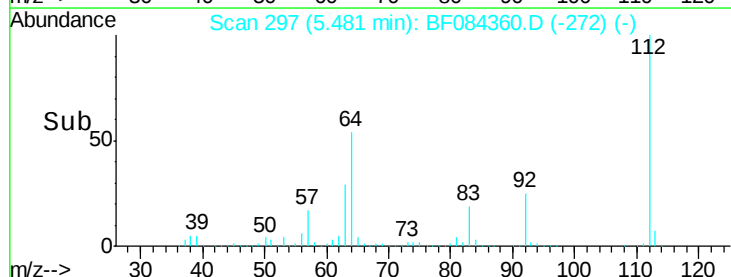
63 28.6 19.4 29.0

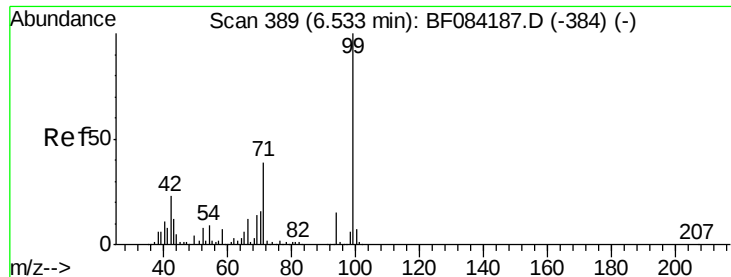


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.42 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084360.D

Acq: 10 Jan 2016 13:03

Instrument :

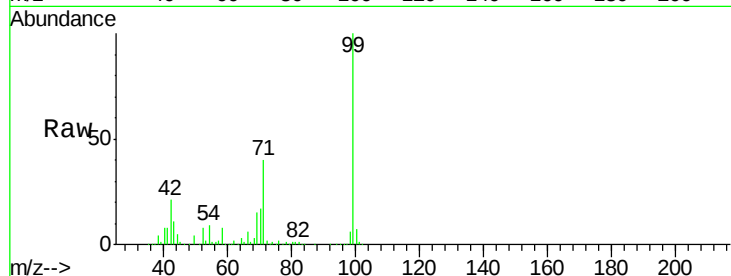
BNA_F

ClientSampleId :

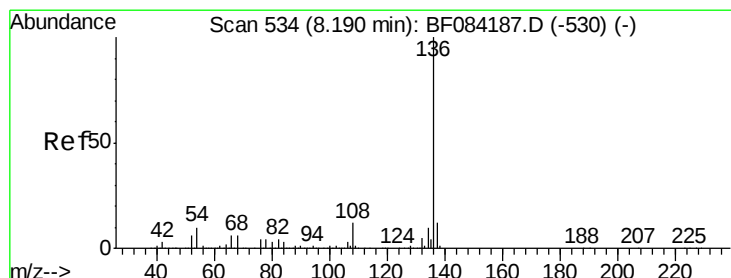
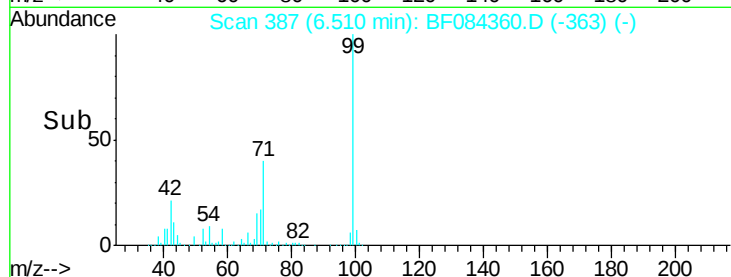
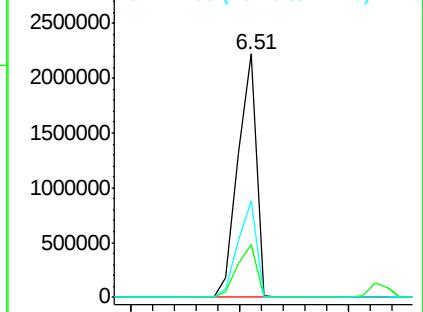
SB-4S(0-10)

Tot Ion: 99 Resp: 2573494

Ion	Ratio	Lower	Upper
99	100		
42	21.5	12.8	19.2#
71	39.7	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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

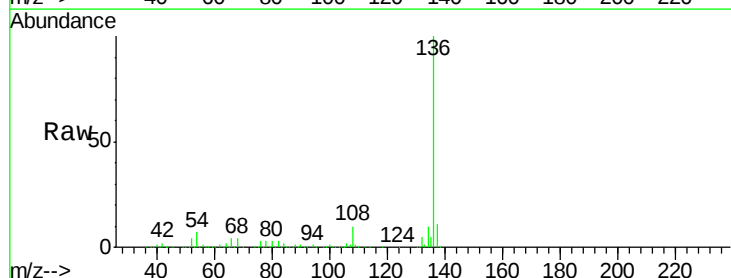
Delta R.T. -0.05 min

Lab File: BF084360.D

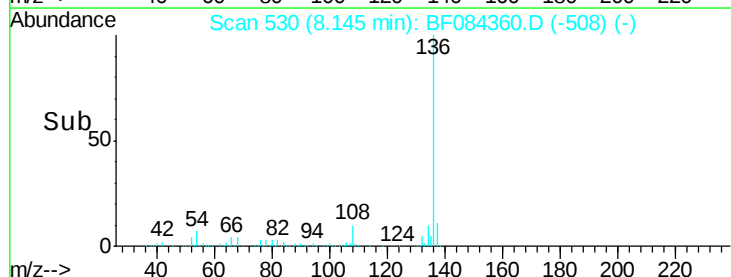
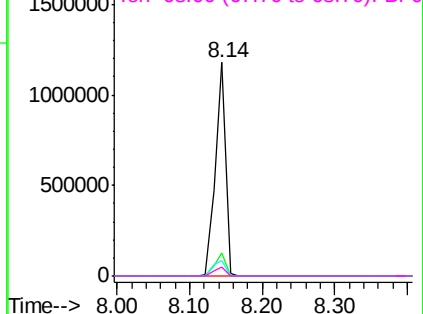
Acq: 10 Jan 2016 13:03

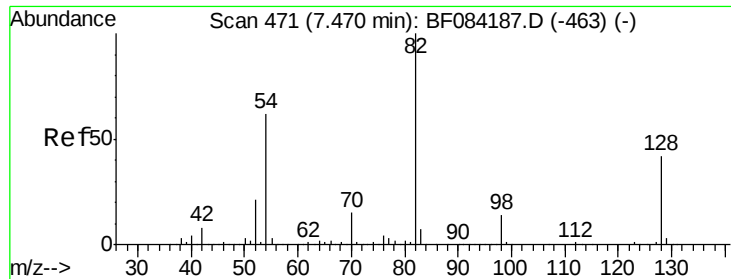
Tgt Ion: 136 Resp: 1164263

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.9	5.8	8.8
68	4.2	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

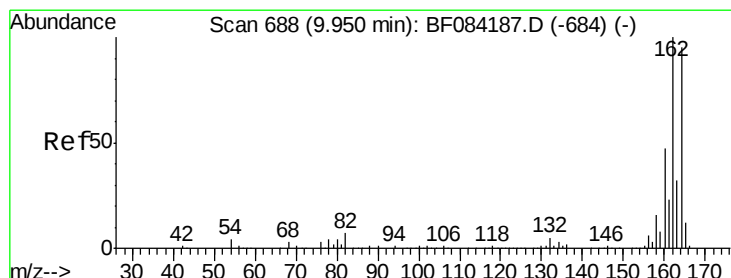
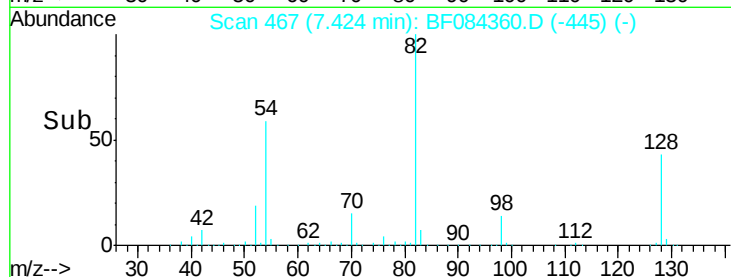
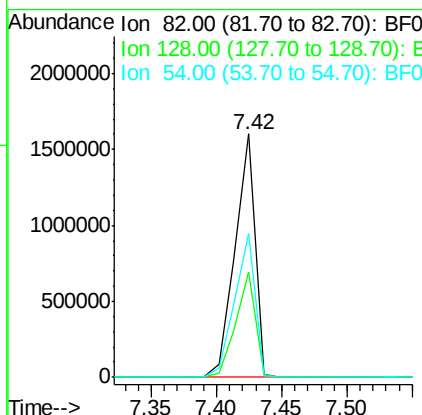
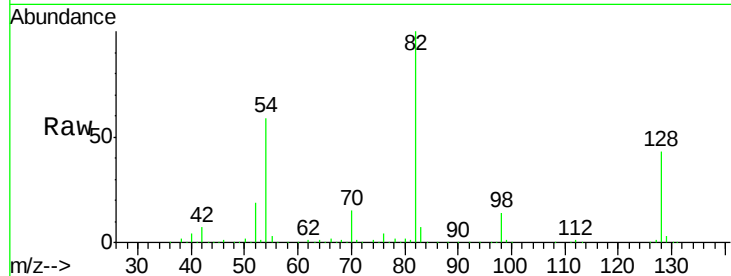




#23
Nitrobenzene-d5
Concen: 80.64 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084360.D
Acq: 10 Jan 2016 13:03

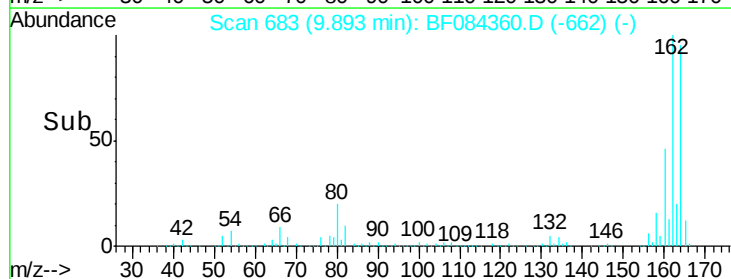
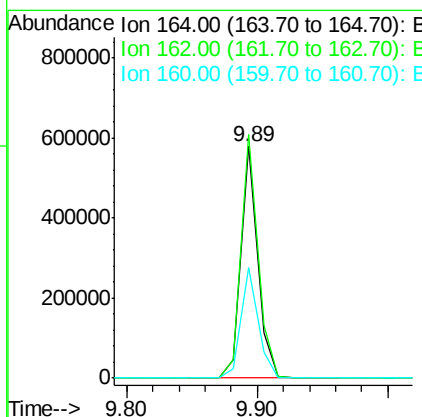
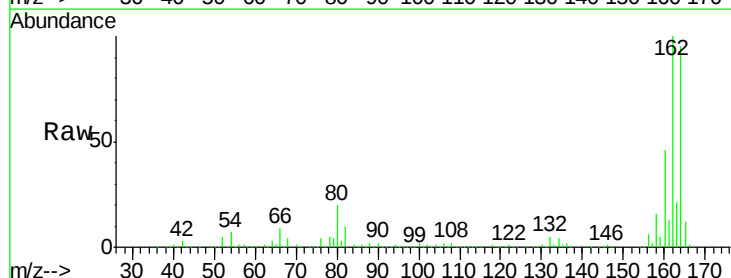
Instrument :
BNA_F
ClientSampleId :
SB-4S(0-10)

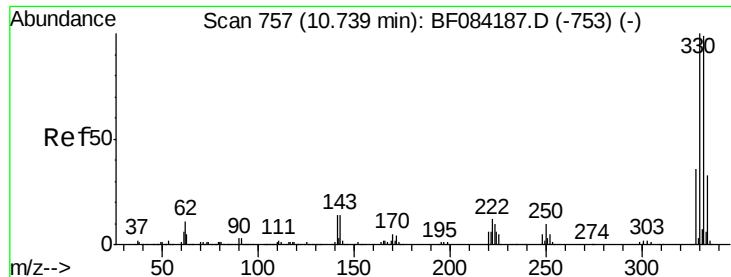
Tot Ion: 82 Resp: 1687001
Ion Ratio Lower Upper
82 100
128 43.4 34.6 51.8
54 59.1 38.4 57.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084360.D
Acq: 10 Jan 2016 13:03

Tgt Ion:164 Resp: 510132
Ion Ratio Lower Upper
164 100
162 105.0 85.1 127.7
160 47.9 37.5 56.3

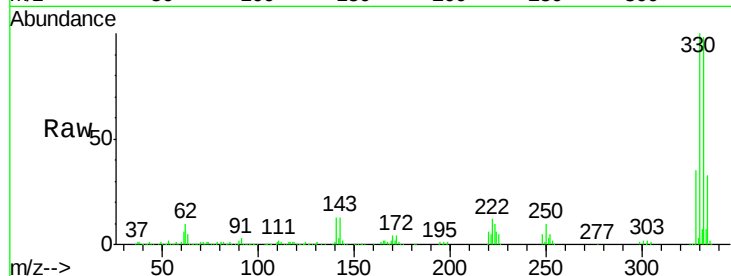




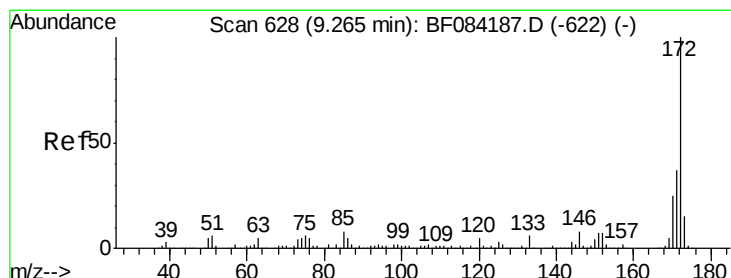
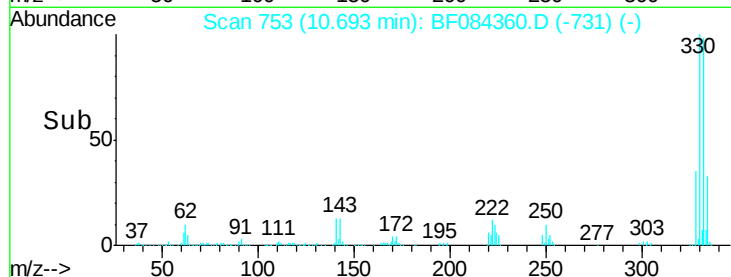
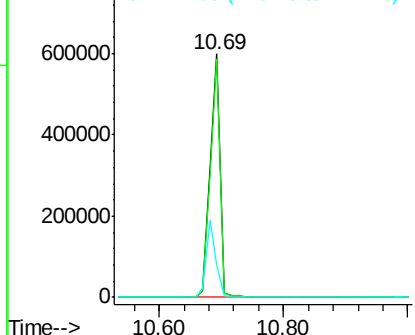
#41
 2,4,6-Tribromophenol
 Concen: 129.49 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084360.D
 Acq: 10 Jan 2016 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-4S(0-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	31.5	27.8	41.6

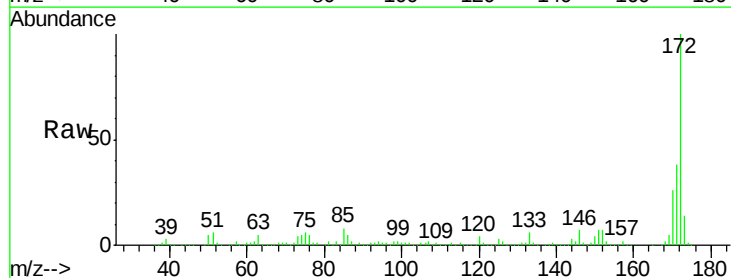


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

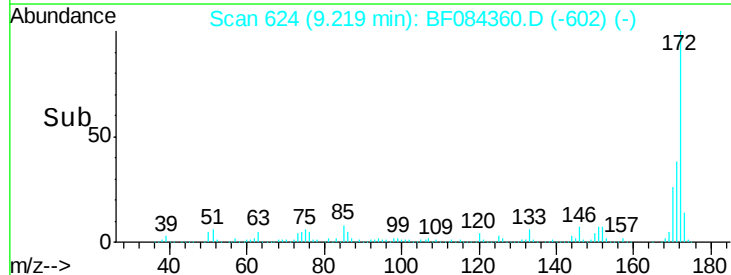
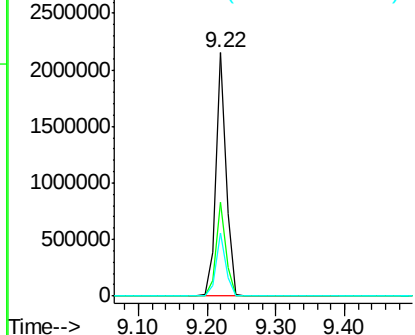


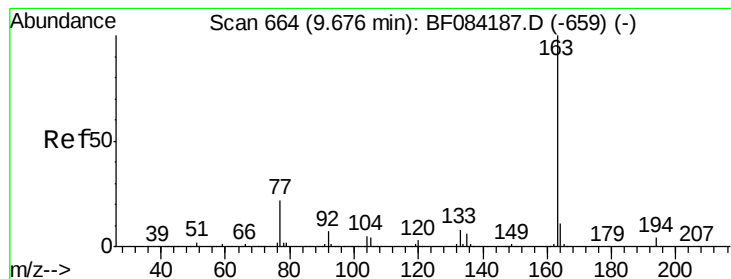
#44
 2-Fluorobiphenyl
 Concen: 78.09 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084360.D
 Acq: 10 Jan 2016 13:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.9	43.3
170	25.9	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: 23.24 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.06 min

Lab File: BF084360.D

Acq: 10 Jan 2016 13:03

Instrument :

BNA_F

ClientSampleId :

SB-4S(0-10)

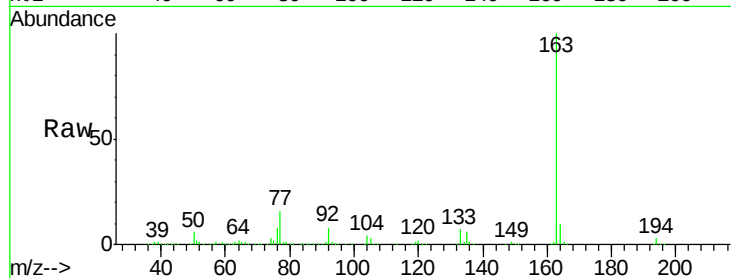
Tot Ion:163 Resp: 847689

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

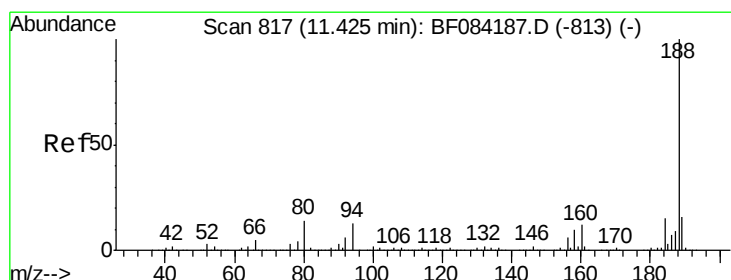
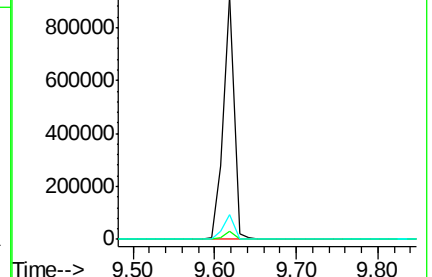
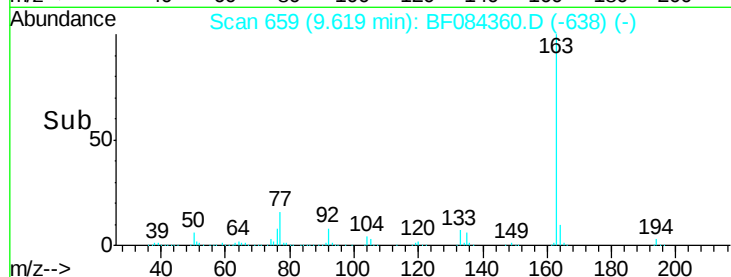
164 10.0 8.0 12.0



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: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084360.D

Acq: 10 Jan 2016 13:03

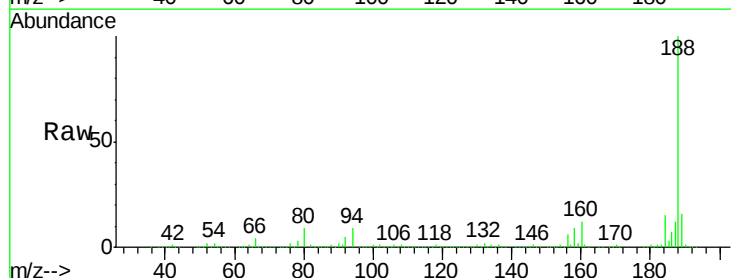
Tgt Ion:188 Resp: 924481

Ion Ratio Lower Upper

188 100

94 9.0 9.0 13.4

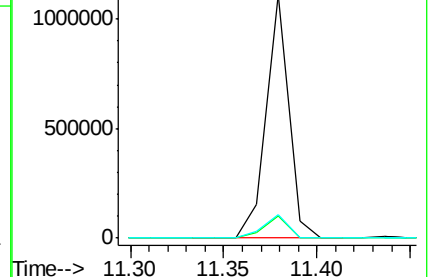
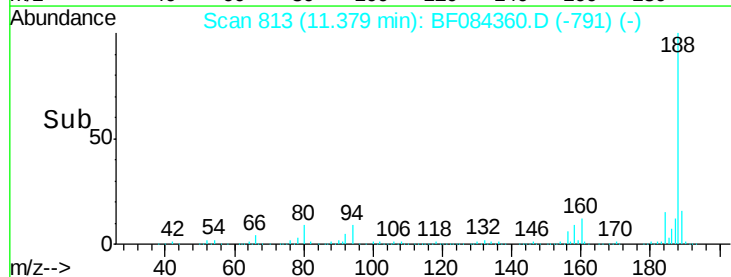
80 9.4 9.6 14.4#

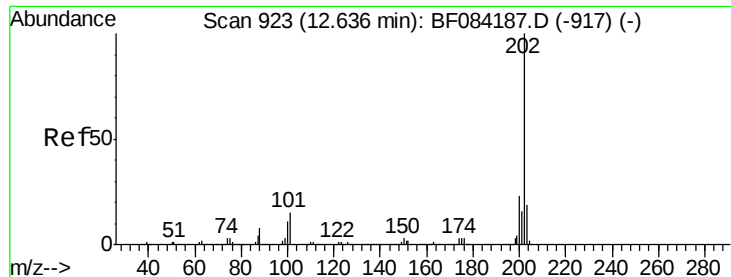


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

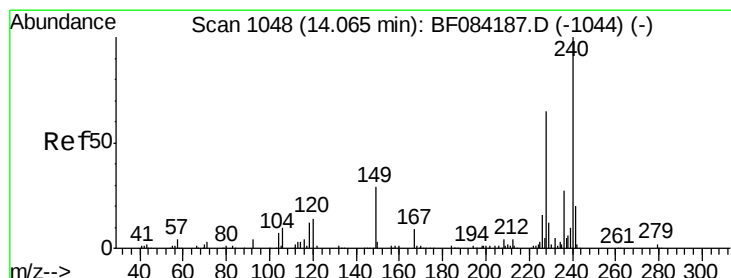
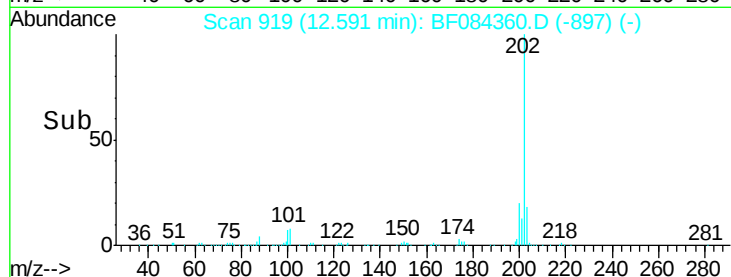
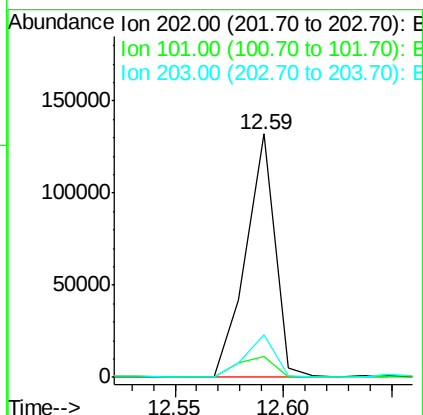
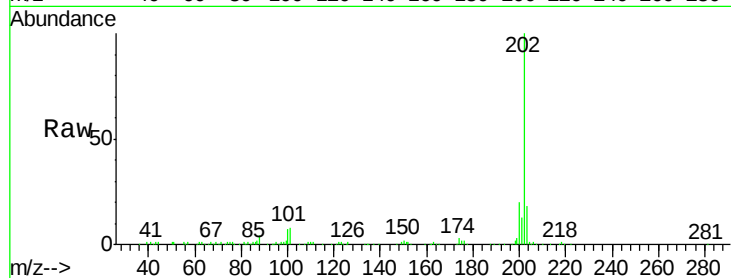




#74
Fluoranthene
Concen: 2.45 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.05 min
Lab File: BF084360.D
Acq: 10 Jan 2016 13:03

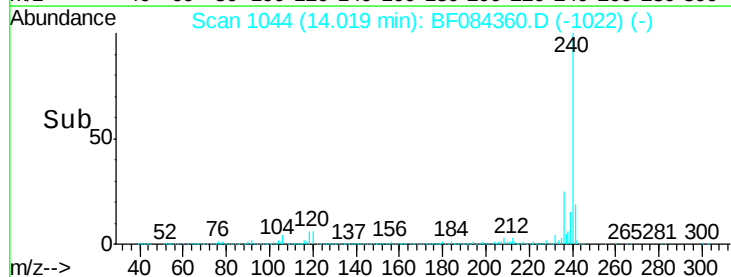
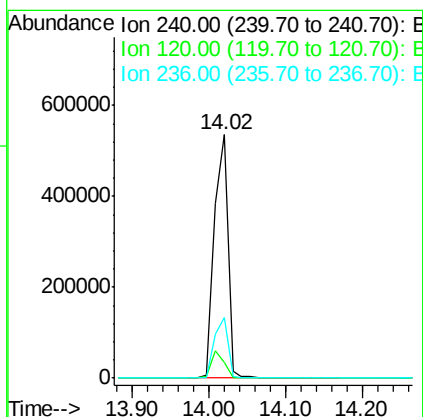
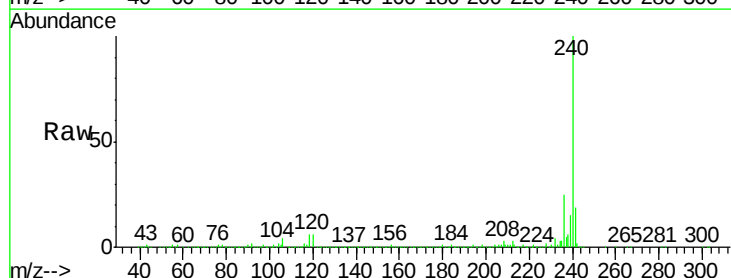
Instrument :
BNA_F
ClientSampleId :
SB-4S(0-10)

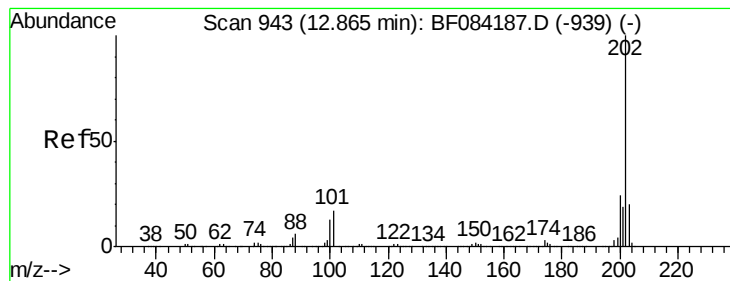
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	32.8
203	17.5	0.0	37.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084360.D
Acq: 10 Jan 2016 13:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	9.5	14.3#
236	24.8	20.6	31.0





#77

Pvrene

Concen: 2.37 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.05 min

Lab File: BF084360.D

Acq: 10 Jan 2016 13:03

Instrument :

BNA_F

ClientSampleId :

SB-4S(0-10)

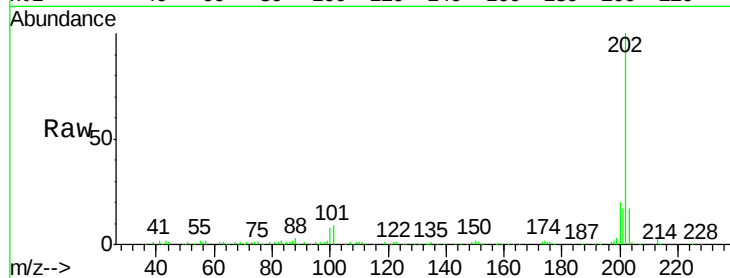
Tot Ion:202 Resp: 122161

Ion Ratio Lower Upper

202 100

200 19.6 17.2 25.8

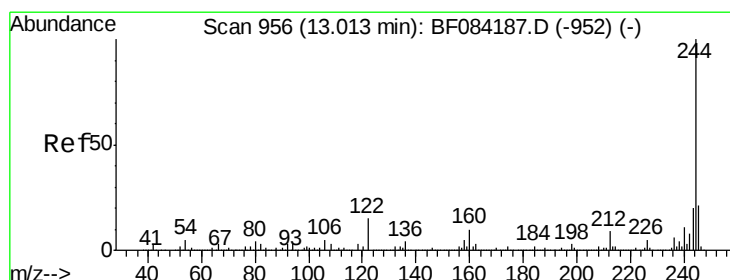
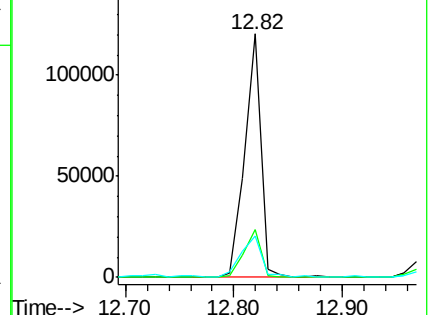
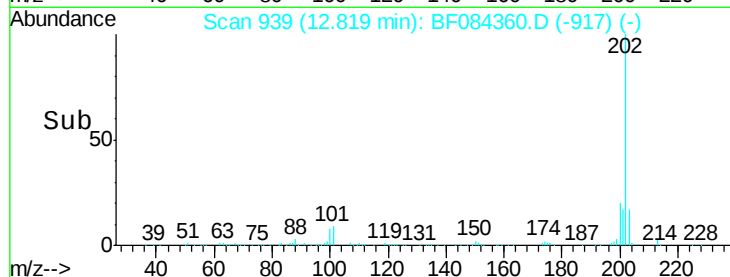
203 16.9 14.3 21.5



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: 67.82 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084360.D

Acq: 10 Jan 2016 13:03

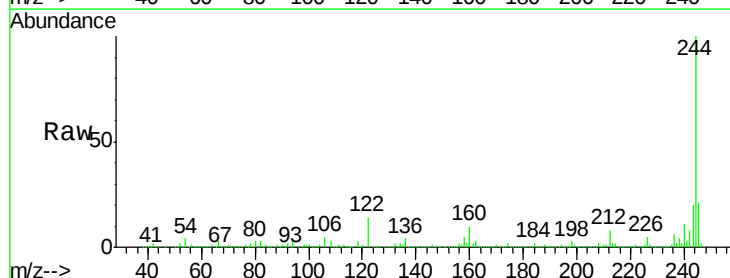
Tgt Ion:244 Resp: 1993373

Ion Ratio Lower Upper

244 100

212 8.3 5.7 8.5

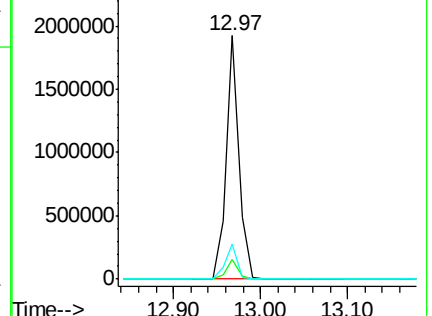
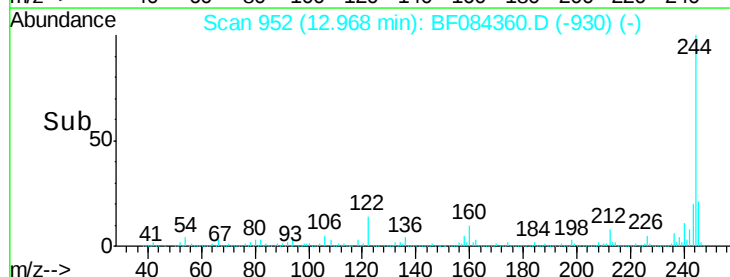
122 14.2 7.4 11.0#

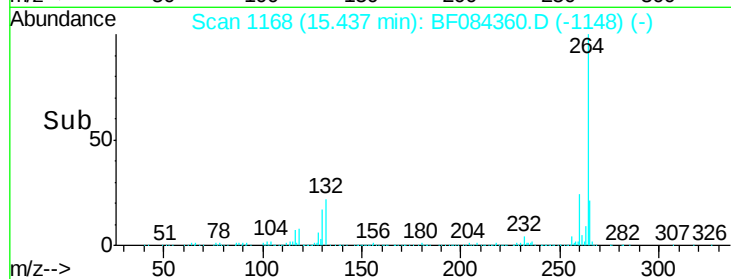
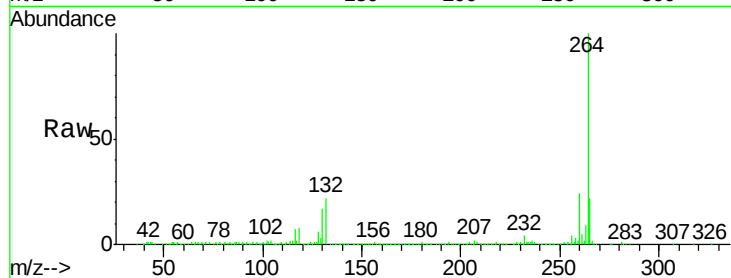
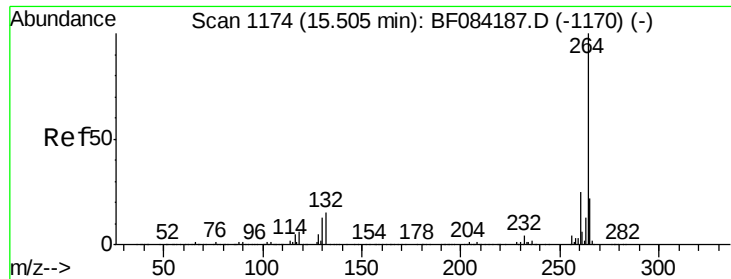


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 1168
 Delta R.T. -0.07 min
 Lab File: BF084360.D
 Acq: 10 Jan 2016 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-4S(0-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.6	17.8	26.6

