

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
 Data File : BF084812.D
 Acq On : 4 Feb 2016 4:08
 Operator : SJ/IZ
 Sample : H1312-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B005(20-22)

Quant Time: Feb 04 06:09:23 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

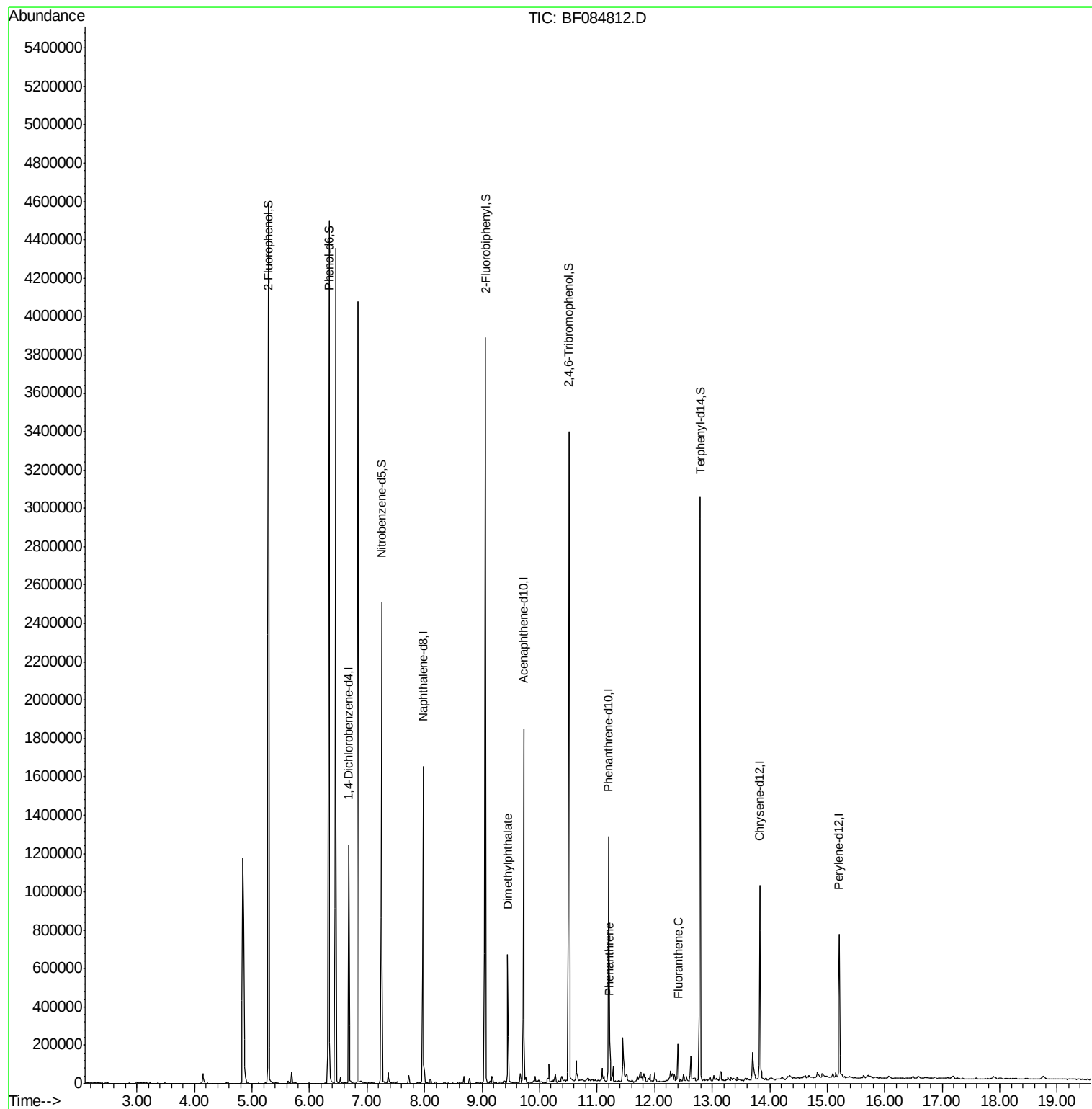
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	173421	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	783727	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	353647	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	614943	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	466305	20.00	ng	-0.01
86) Perylene-d12	15.21	264	338317	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1375756	123.57	ng	0.01
7) Phenol-d6	6.34	99	1626047	117.81	ng	0.00
23) Nitrobenzene-d5	7.25	82	930536	66.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	393543	106.68	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1849159	89.73	ng	0.00
78) Terphenyl-d14	12.80	244	1477062	71.78	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.45	163	287734	10.68	ng	Qvalue # 90
70) Phenanthrene	11.22	178	92062	2.70	ng	98
74) Fluoranthene	12.41	202	73318	2.12	ng	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

Instrument :

BNA_F

ClientSampleId :

SUP-B005(20-22)

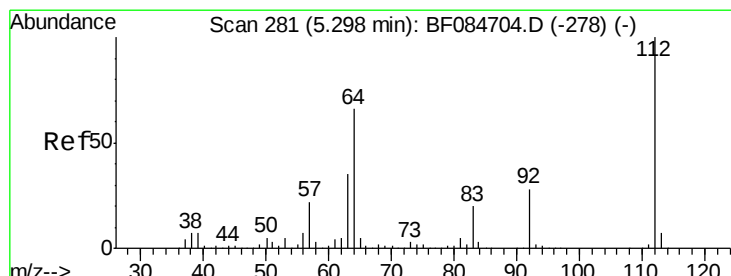
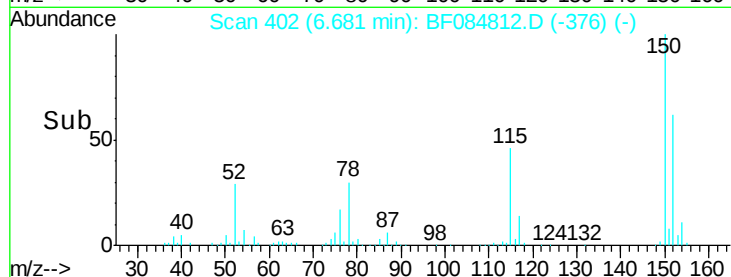
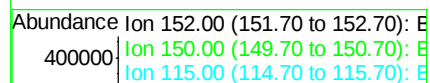
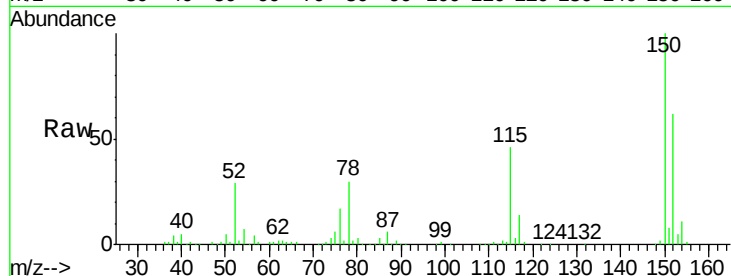
Tot Ion:152 Resp: 173421

Ion Ratio Lower Upper

152 100

150 161.4 123.0 184.4

115 73.8 51.4 77.2



#5

2-Fluorophenol

Concen: 123.57 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

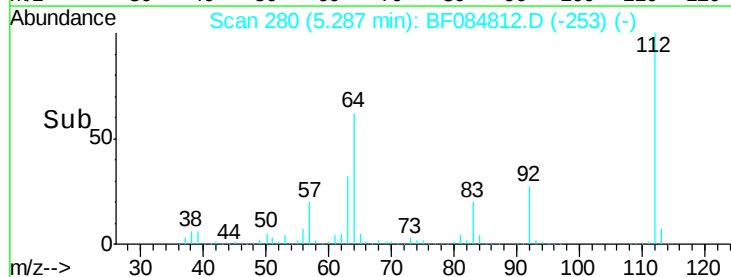
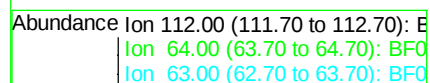
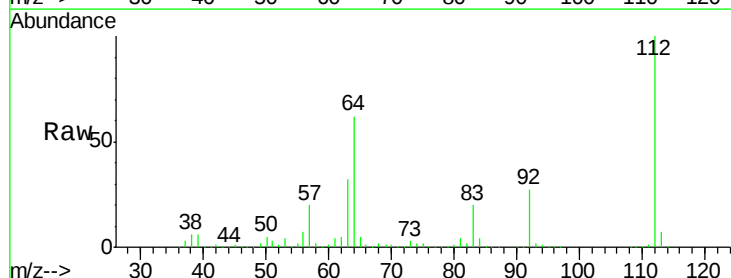
Tgt Ion:112 Resp: 1375756

Ion Ratio Lower Upper

112 100

64 61.8 36.6 55.0#

63 32.3 19.4 29.0#





#7

Phenol-d6

Concen: 117.81 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

Instrument :

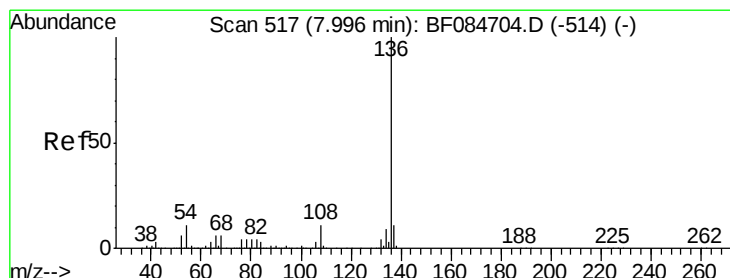
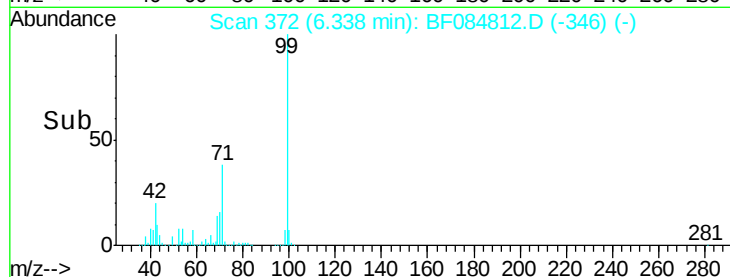
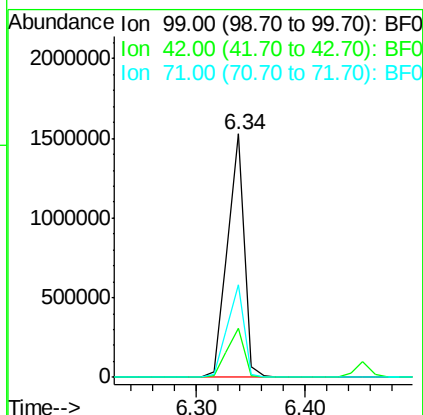
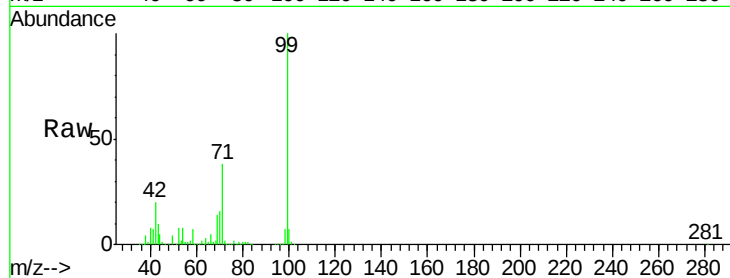
BNA_F

ClientSampleId :

SUP-B005(20-22)

Tot Ion: 99 Resp: 1626047

Ion	Ratio	Lower	Upper
99	100		
42	20.3	12.8	19.2#
71	38.0	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

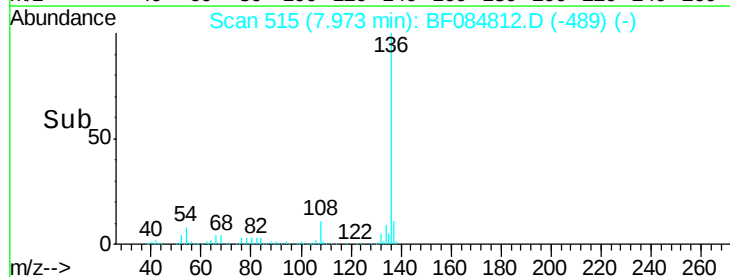
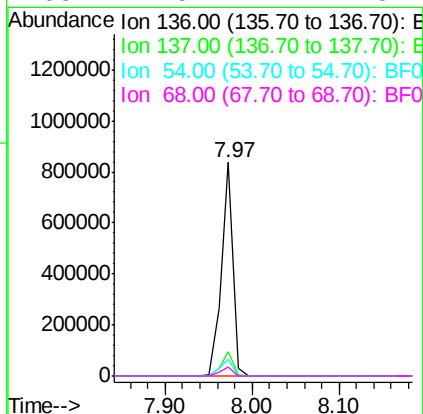
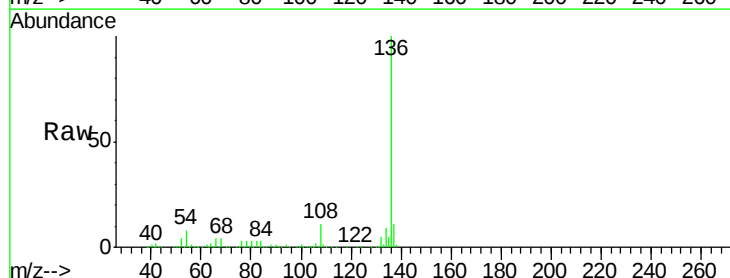
Delta R.T. -0.00 min

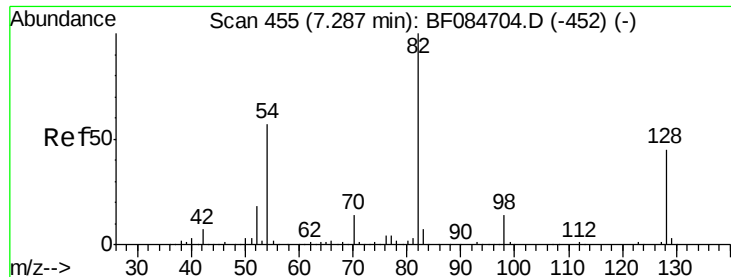
Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

Tgt Ion: 136 Resp: 783727

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.8	5.8	8.8
68	4.5	4.2	6.2





#23

Nitrobenzene-d5

Concen: 66.88 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

Instrument :

BNA_F

ClientSampleId :

SUP-B005(20-22)

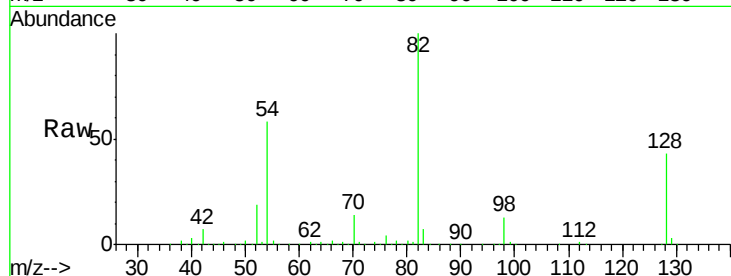
Tot Ion: 82 Resp: 930536

Ion Ratio Lower Upper

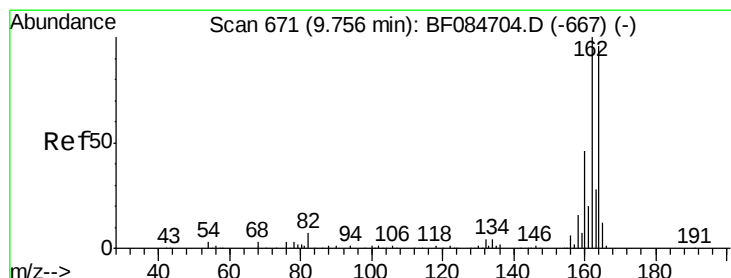
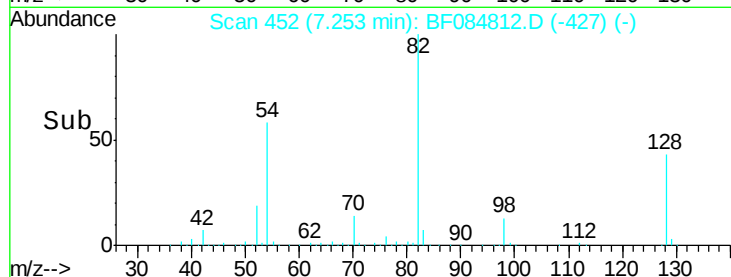
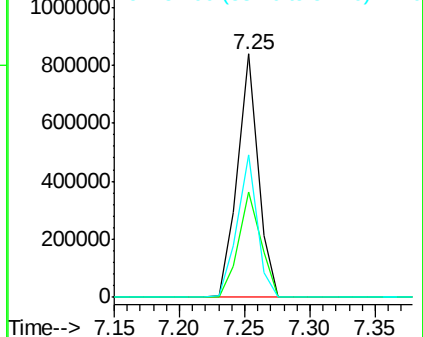
82 100

128 43.5 34.6 51.8

54 58.3 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: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

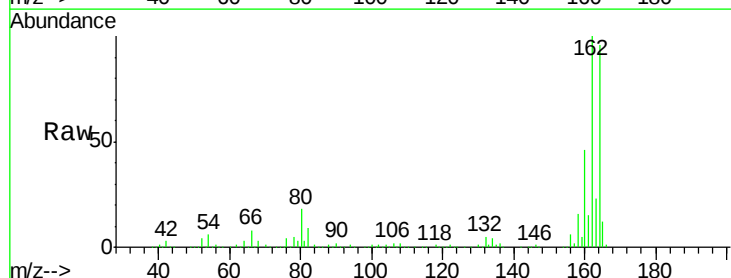
Tgt Ion:164 Resp: 353647

Ion Ratio Lower Upper

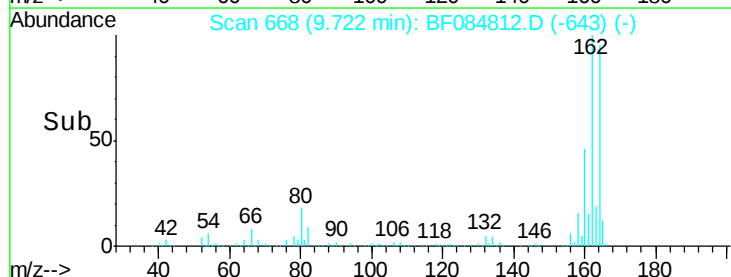
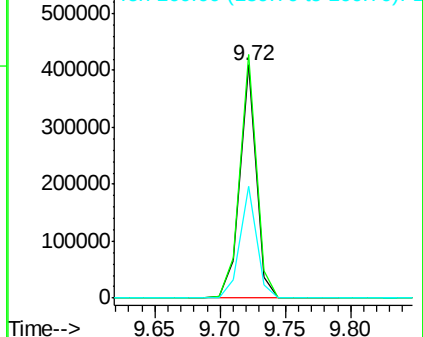
164 100

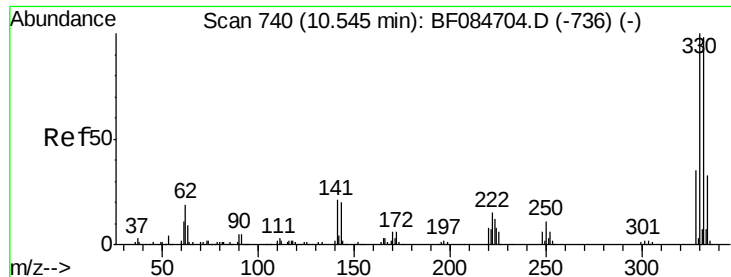
162 104.6 85.1 127.7

160 48.2 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

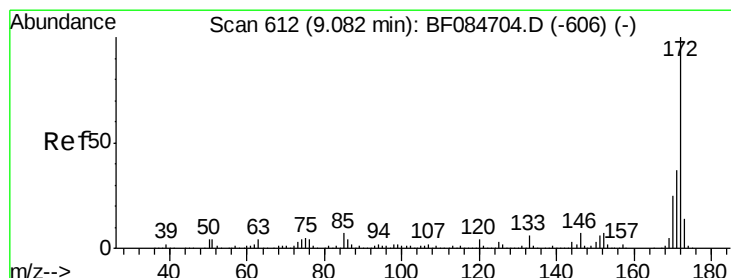
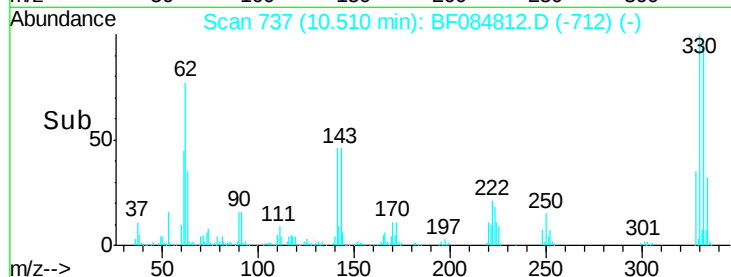
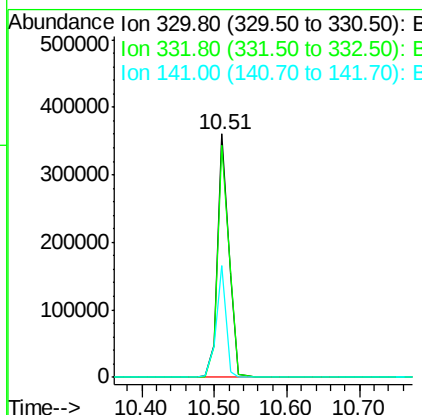
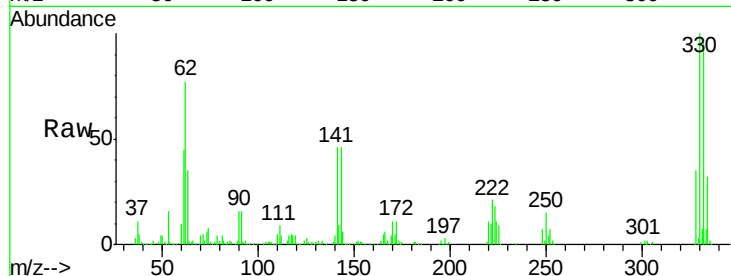




#41
 2,4,6-Tribromophenol
 Concen: 106.68 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084812.D
 Acq: 4 Feb 2016 4:08

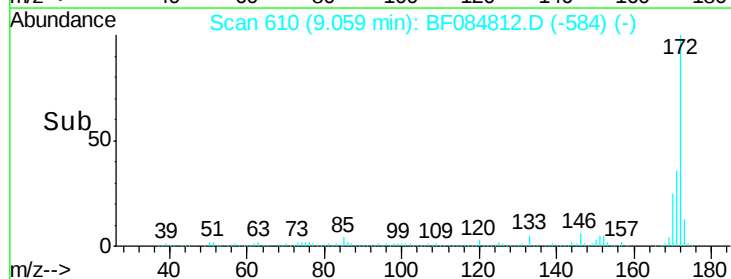
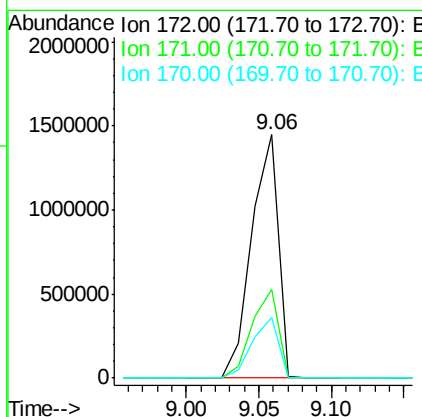
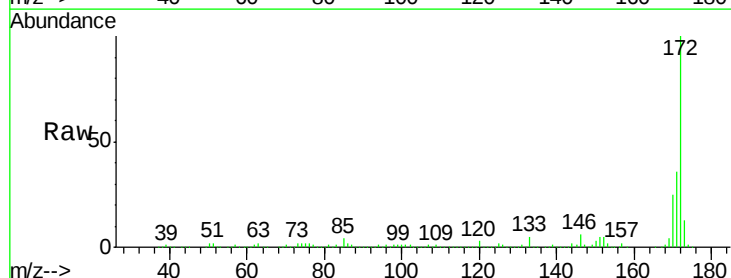
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B005(20-22)

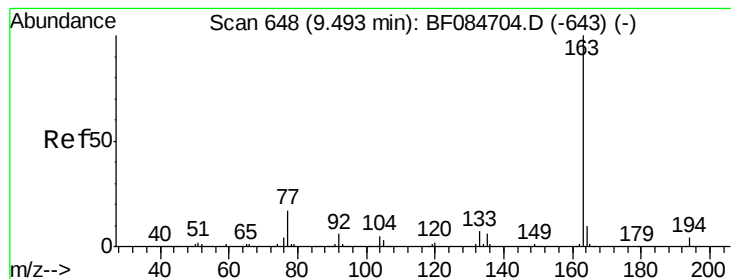
Tot Ion:330 Resp: 393543
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 39.3 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 89.73 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF084812.D
 Acq: 4 Feb 2016 4:08

Tgt Ion:172 Resp: 1849159
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 25.0 18.6 27.8





#49

Dimethylphthalate

Concen: 10.68 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

Instrument :

BNA_F

ClientSampleId :

SUP-B005(20-22)

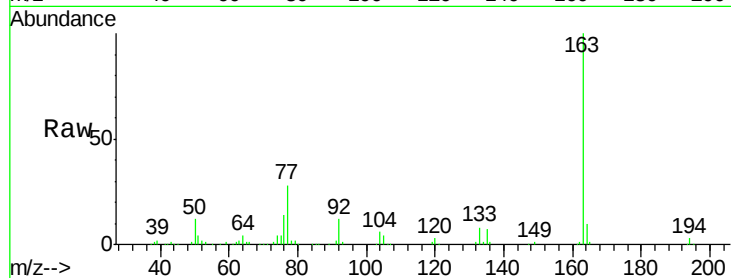
Tot Ion:163 Resp: 287734

Ion Ratio Lower Upper

163 100

194 3.0 8.0 12.0#

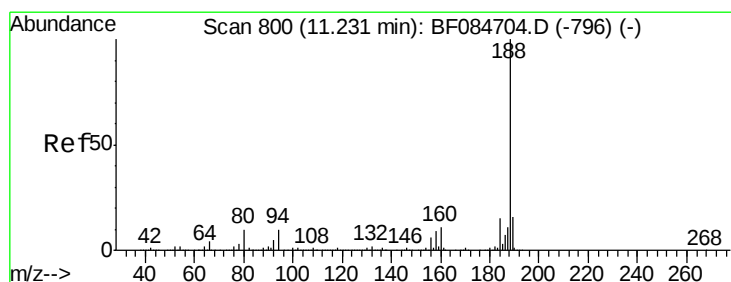
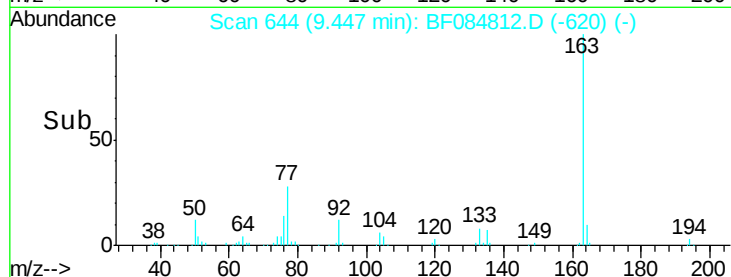
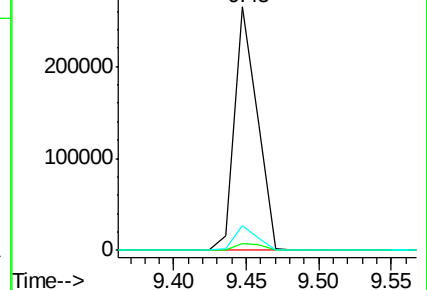
164 10.3 8.0 12.0



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: 11.20 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

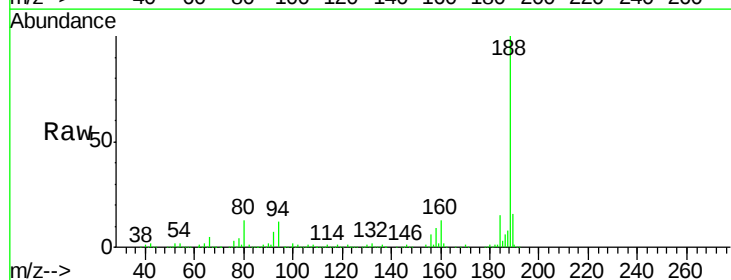
Tgt Ion:188 Resp: 614943

Ion Ratio Lower Upper

188 100

94 12.1 9.0 13.4

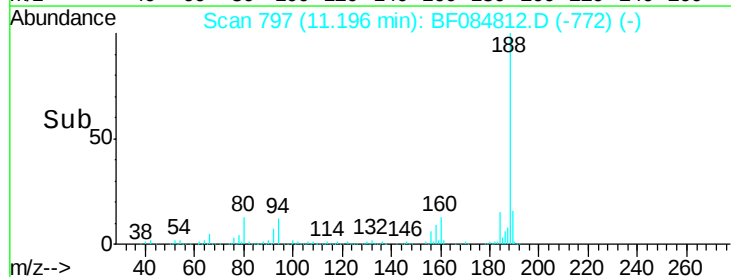
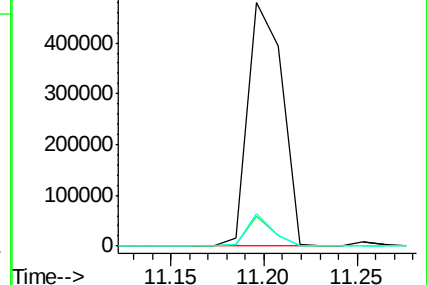
80 13.2 9.6 14.4

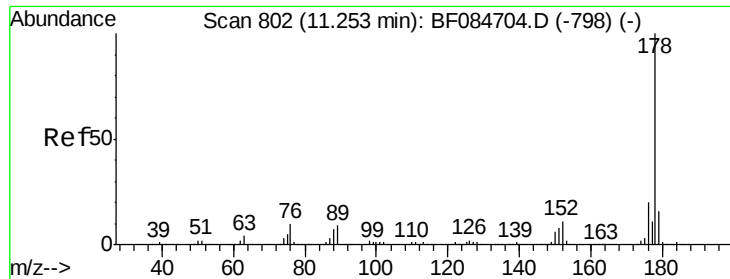


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

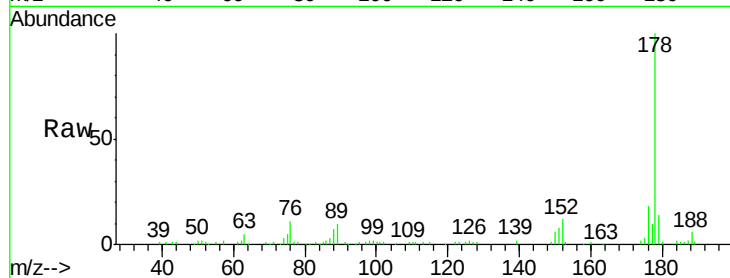




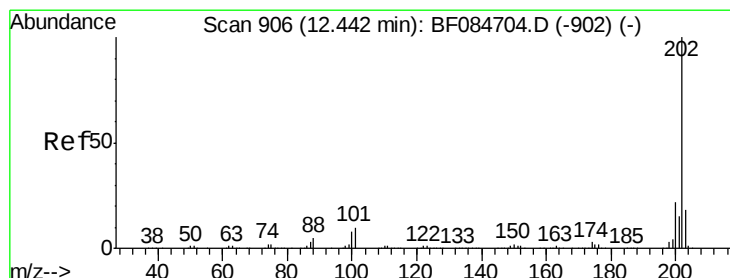
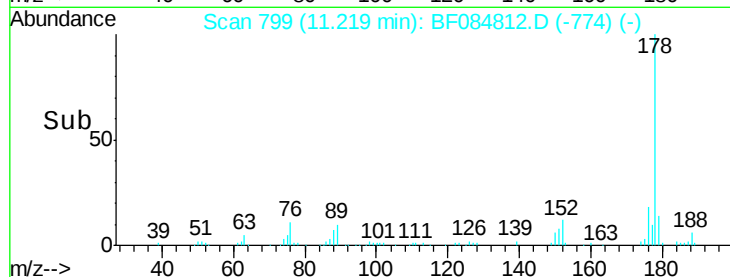
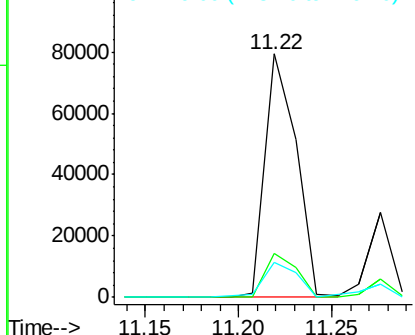
#70
Phenanthrene
Concen: 2.70 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF084812.D
Acq: 4 Feb 2016 4:08

Instrument :
BNA_F
ClientSampleId :
SUP-B005(20-22)

Tot Ion:178 Resp: 92062
Ion Ratio Lower Upper
178 100
176 18.0 15.3 22.9
179 14.5 12.0 18.0

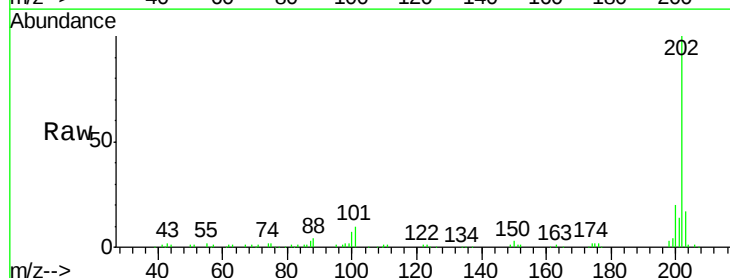


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

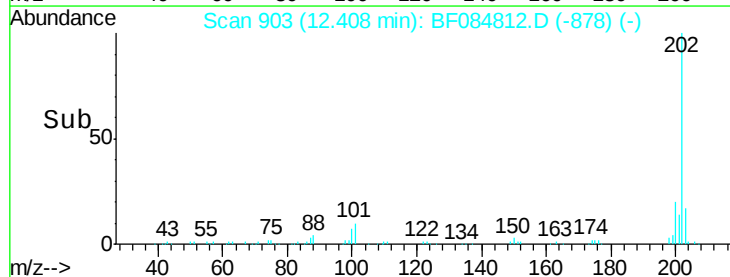
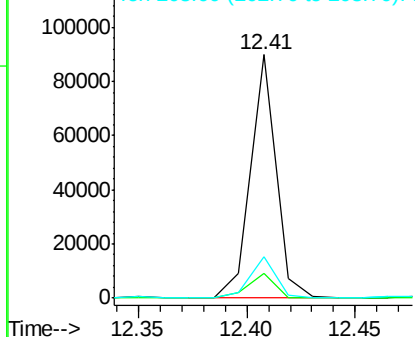


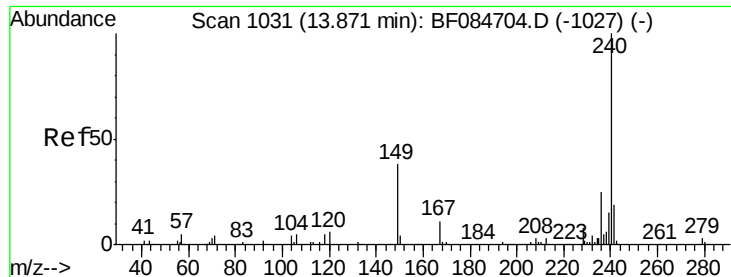
#74
Fluoranthene
Concen: 2.12 ng
RT: 12.41 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF084812.D
Acq: 4 Feb 2016 4:08

Tgt Ion:202 Resp: 73318
Ion Ratio Lower Upper
202 100
101 10.3 0.0 32.8
203 17.0 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: 13.82 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

Instrument :

BNA_F

ClientSampleId :

SUP-B005(20-22)

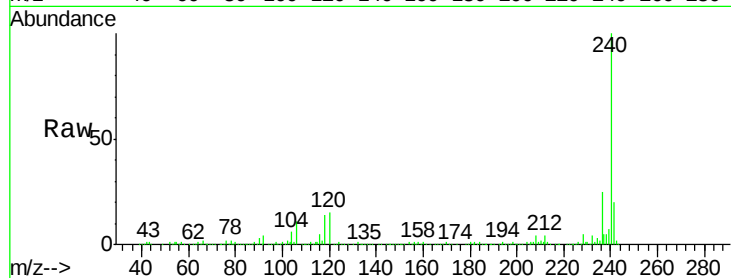
Tot Ion:240 Resp: 466305

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

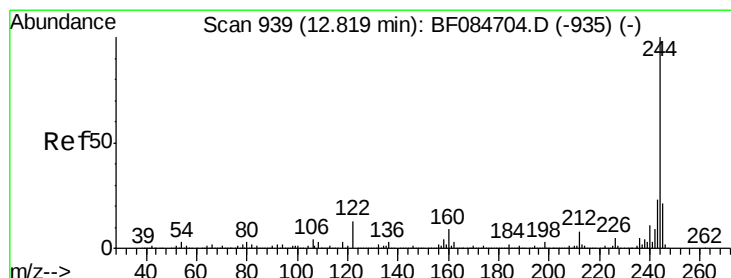
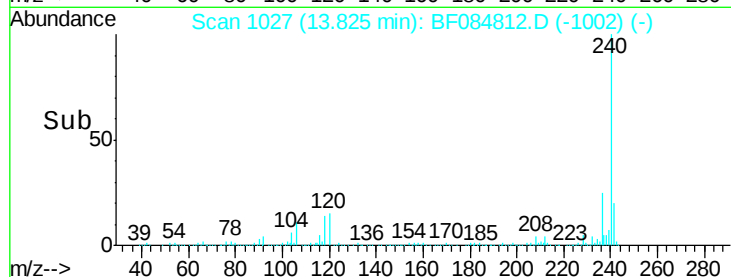
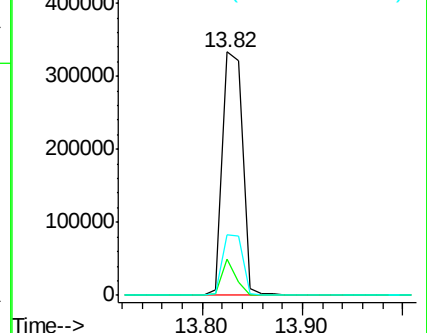
236 25.0 20.6 31.0



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: 71.78 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

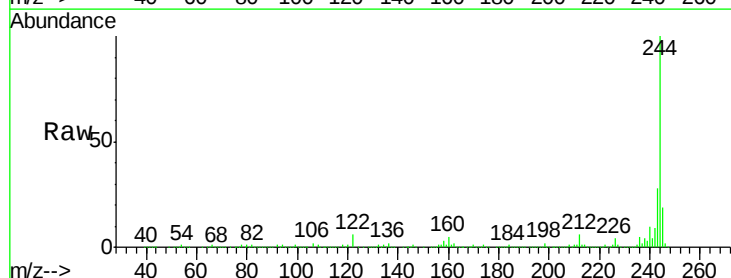
Tgt Ion:244 Resp: 1477062

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

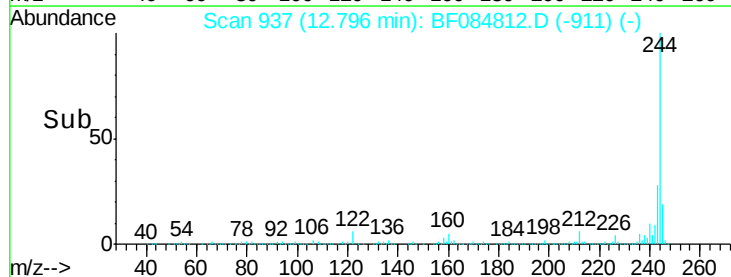
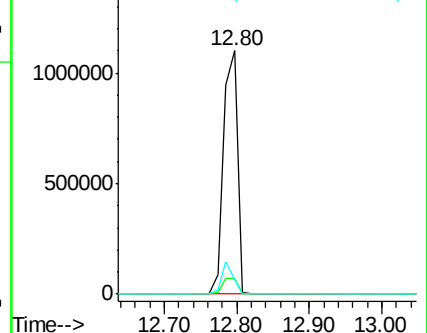
122 5.9 7.4 11.0#

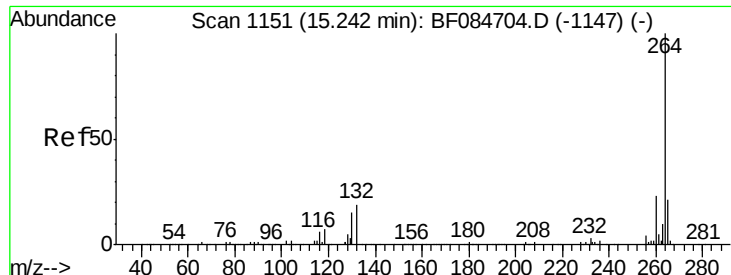


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

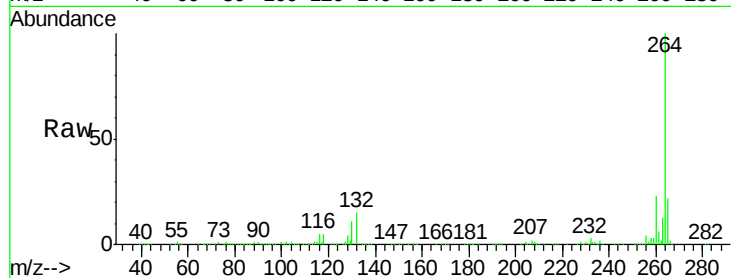




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF084812.D
 Acq: 4 Feb 2016 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B005(20-22)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.6	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

