

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096492.D
 Acq On : 5 Jul 2017 19:00
 Operator : SJ/MA
 Sample : I4052-04 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-070317-B

Quant Time: Jul 06 02:16:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

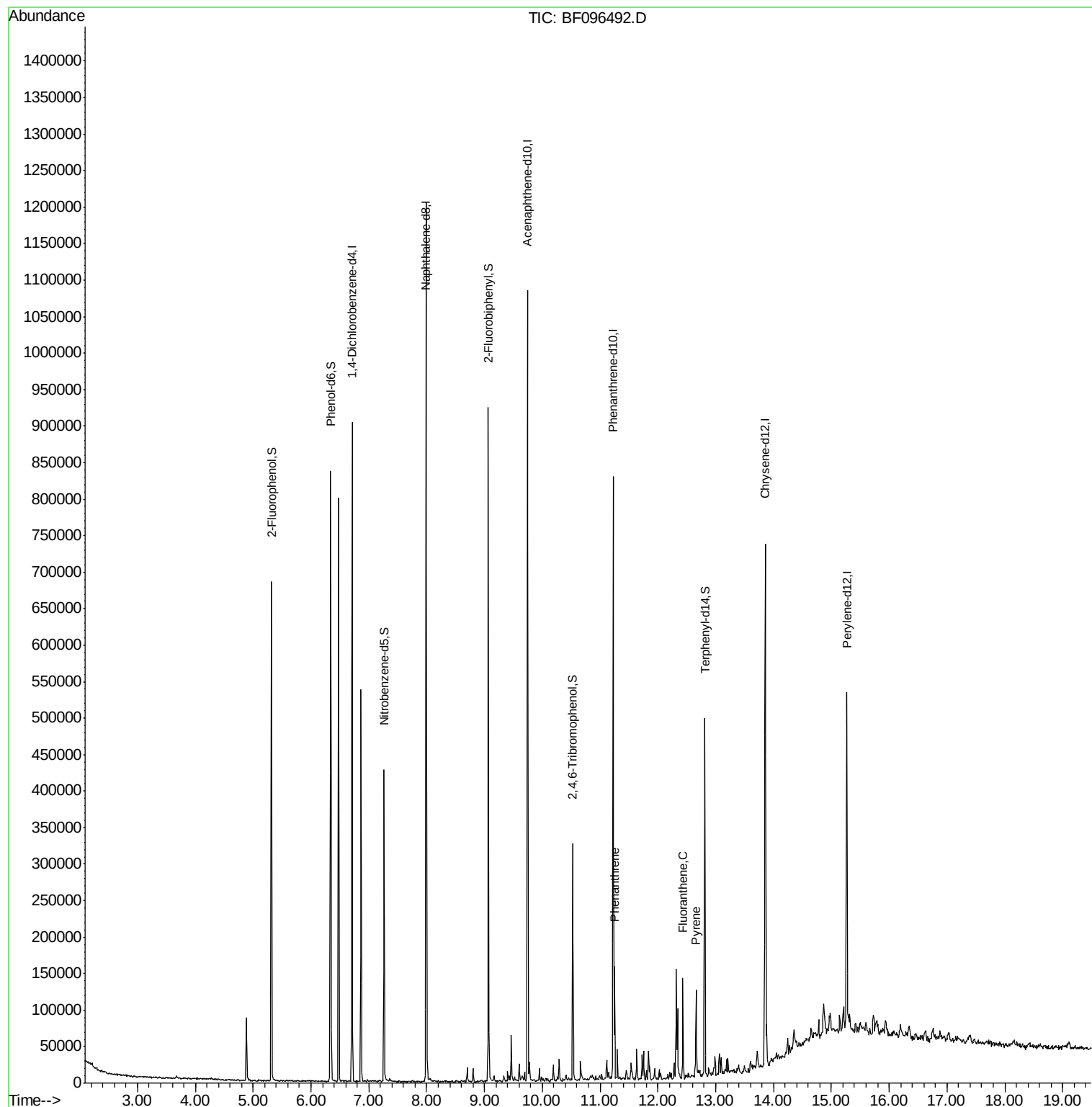
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	119404	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	487764	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	201523	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	282431	20.00	ng	0.00
75) Chrysene-d12	13.86	240	214577	20.00	ng	-0.01
86) Perylene-d12	15.27	264	183720	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	189452	23.42	ng	0.00
7) Phenol-d6	6.34	99	225973	22.72	ng	-0.02
23) Nitrobenzene-d5	7.26	82	123318	15.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	32267	20.50	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	251379	21.33	ng	-0.01
78) Terphenyl-d14	12.81	244	133779	13.32	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	11.25	178	57592	3.77	ng	97
74) Fluoranthene	12.43	202	47883	3.20	ng	97
77) Pyrene	12.66	202	49413	2.87	ng	98

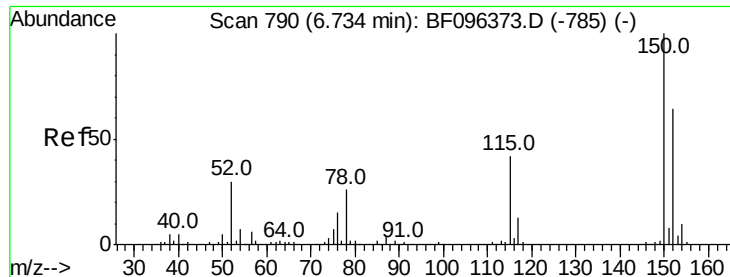
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096492.D
Acq On : 5 Jul 2017 19:00
Operator : SJ/MA
Sample : I4052-04 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-070317-B

Quant Time: Jul 06 02:16:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF096492.D

Acq: 5 Jul 2017 19:00

Instrument :

BNA_F

ClientSampleId :

HR-03-070317-B

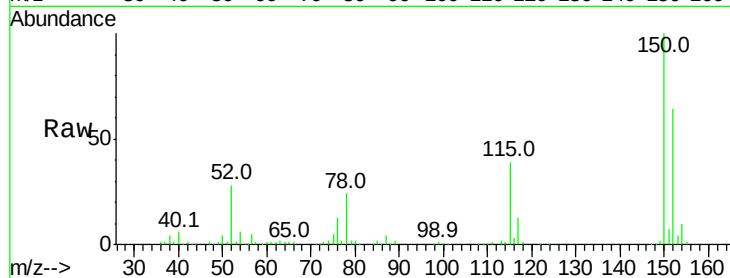
Tot Ion:152 Resp: 119404

Ion Ratio Lower Upper

152 100

150 156.8 126.2 189.2

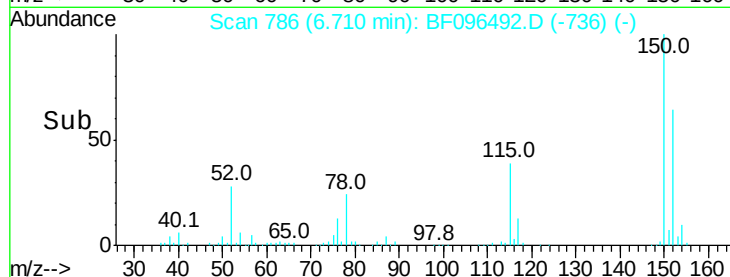
115 61.8 52.2 78.2



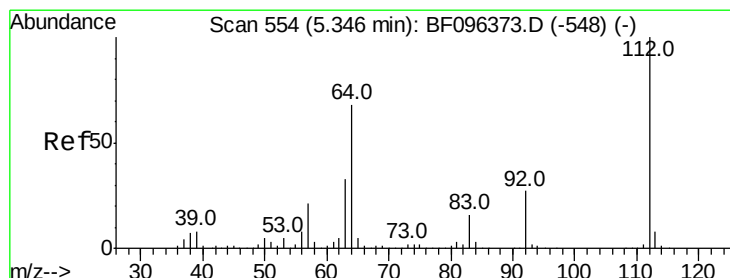
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time--> 6.65 6.70 6.75



#5

2-Fluorophenol

Concen: 23.42 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF096492.D

Acq: 5 Jul 2017 19:00

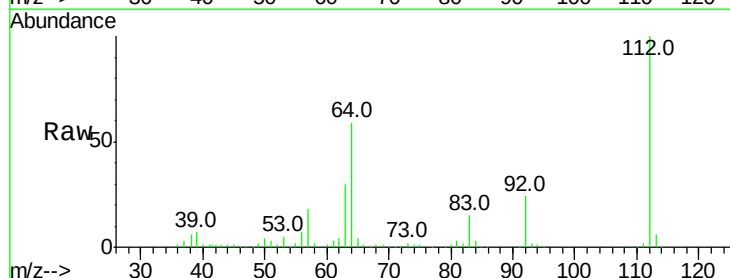
Tgt Ion:112 Resp: 189452

Ion Ratio Lower Upper

112 100

64 59.5 46.0 69.0

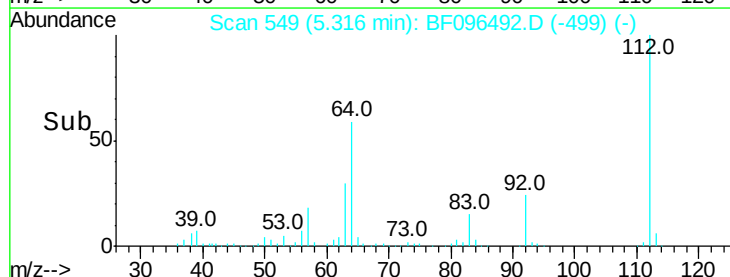
63 30.3 23.4 35.0



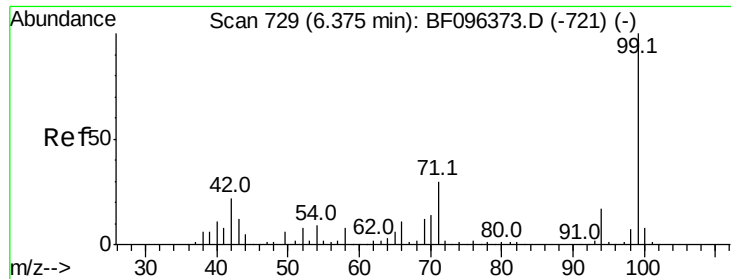
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time--> 5.25 5.30 5.35 5.40



#7

Phenol-d6

Concen: 22.72 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF096492.D

Acq: 5 Jul 2017 19:00

Instrument :

BNA_F

ClientSampleId :

HR-03-070317-B

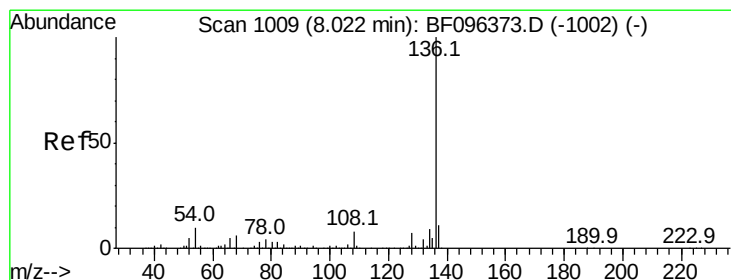
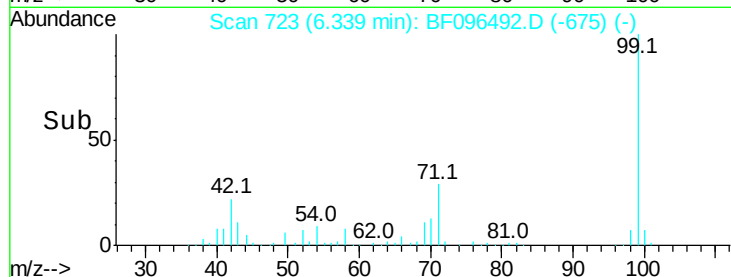
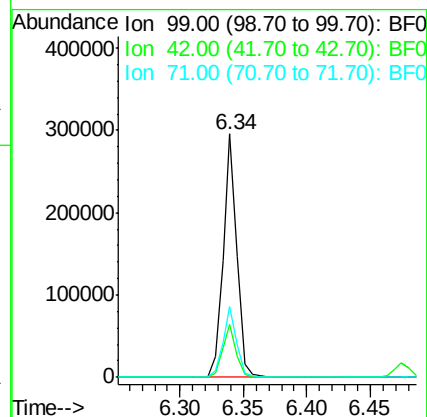
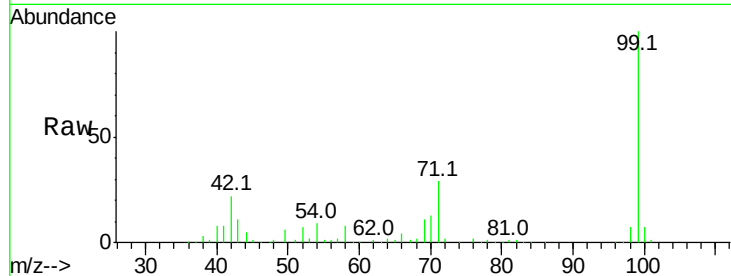
Tot Ion: 99 Resp: 225973

Ion Ratio Lower Upper

99 100

42 21.9 13.5 20.3#

71 29.2 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096492.D

Acq: 5 Jul 2017 19:00

Tgt Ion: 136 Resp: 487764

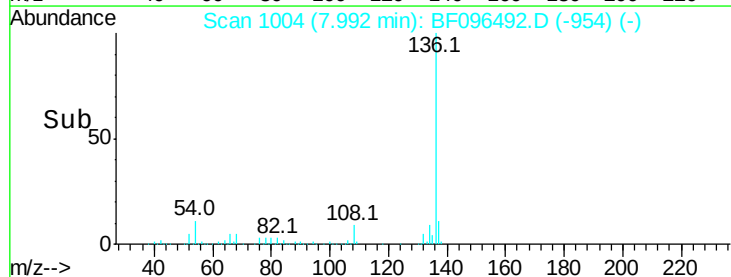
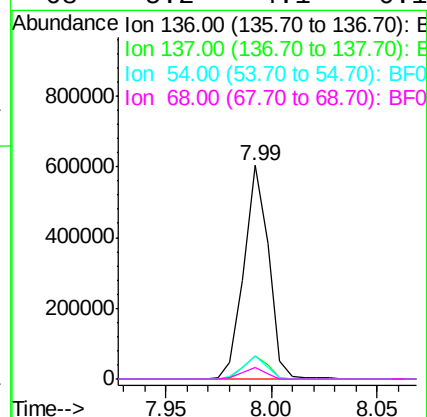
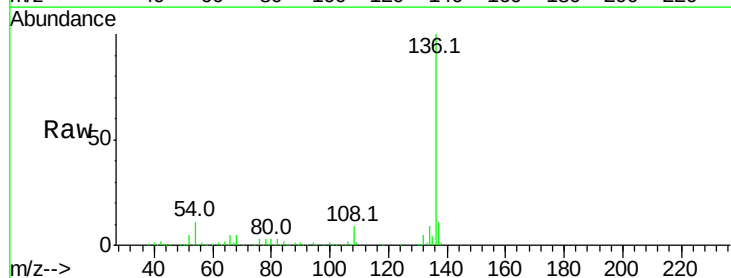
Ion Ratio Lower Upper

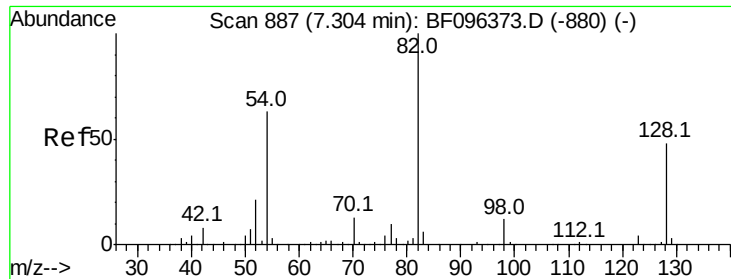
136 100

137 10.9 8.5 12.7

54 10.6 4.9 7.3#

68 5.2 4.1 6.1

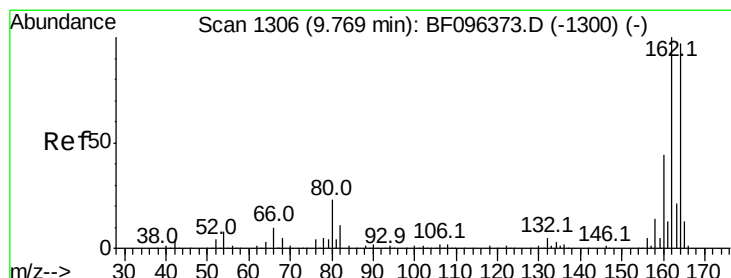
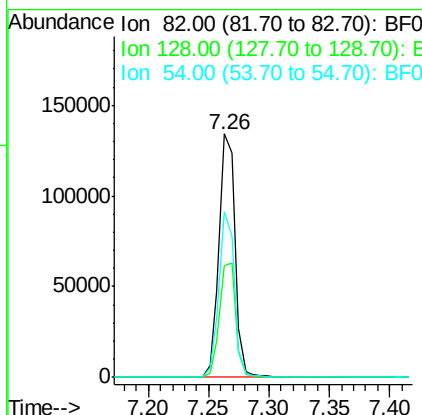
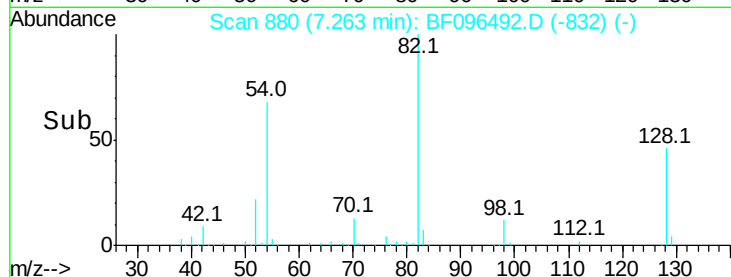
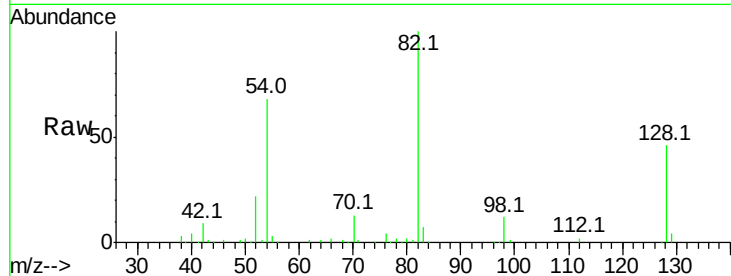




#23
 Nitrobenzene-d5
 Concen: 15.19 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF096492.D
 Acq: 5 Jul 2017 19:00

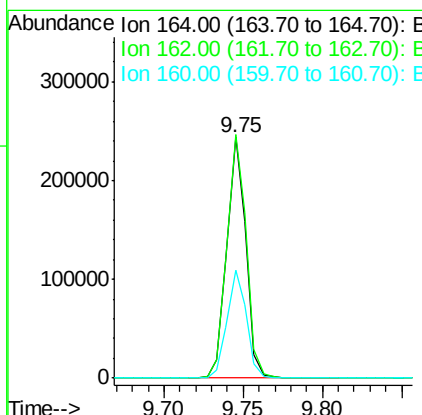
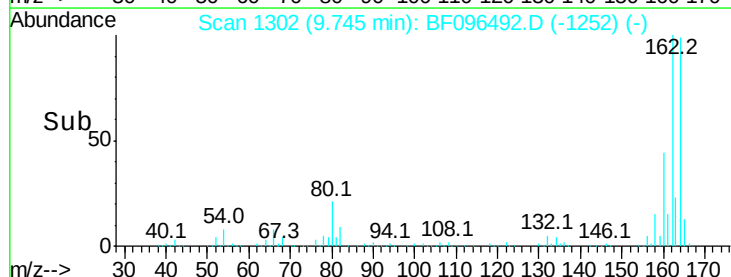
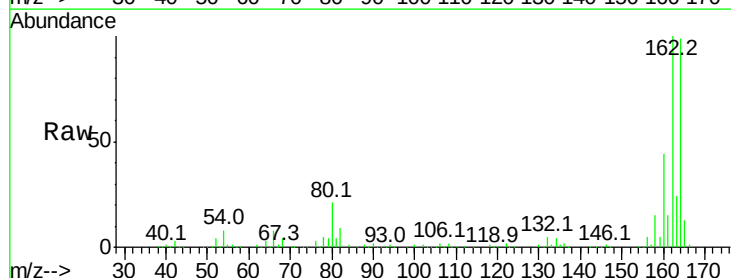
Instrument :
 BNA_F
 ClientSampleId :
 HR-03-070317-B

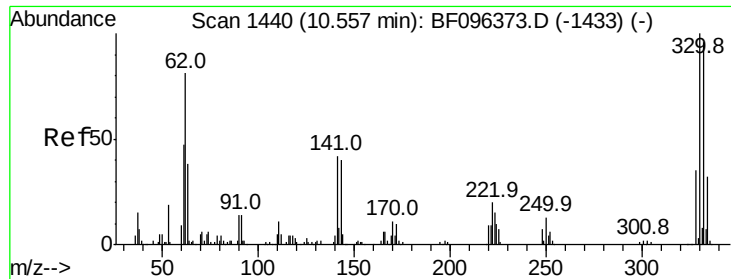
Tot Ion: 82 Resp: 123318
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.0 51.0
 54 67.9 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF096492.D
 Acq: 5 Jul 2017 19:00

Tgt Ion:164 Resp: 201523
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.6 123.8
 160 44.8 36.2 54.2

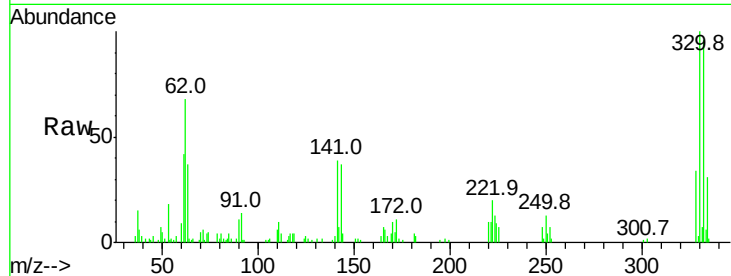




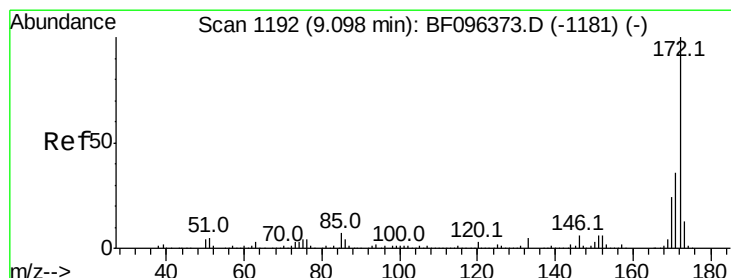
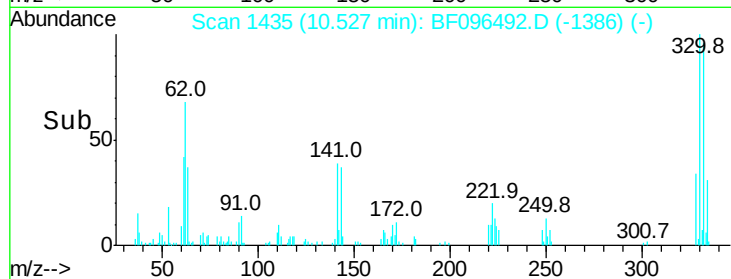
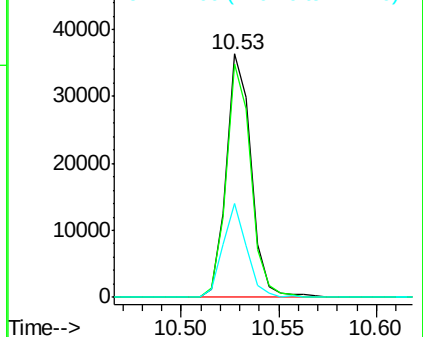
#41
 2,4,6-Tribromophenol
 Concen: 20.50 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF096492.D
 Acq: 5 Jul 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-070317-B

Tot Ion:330 Resp: 32267
 Ion Ratio Lower Upper
 330 100
 332 93.9 76.6 115.0
 141 36.7 31.4 47.2

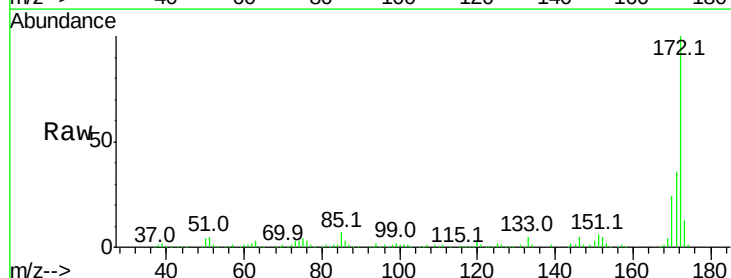


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

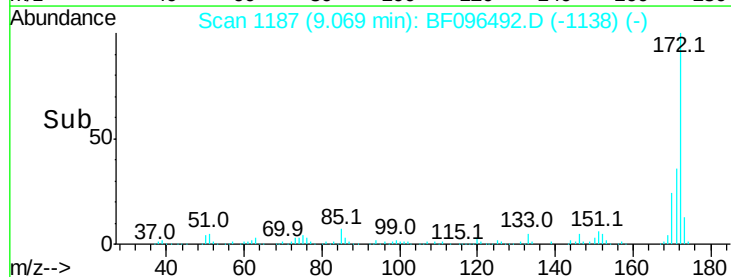
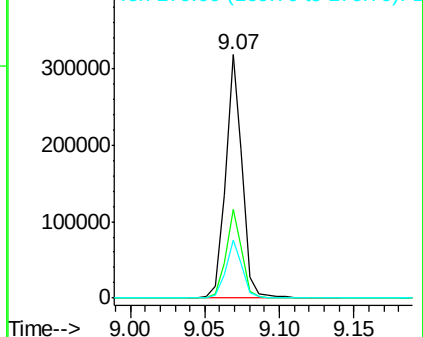


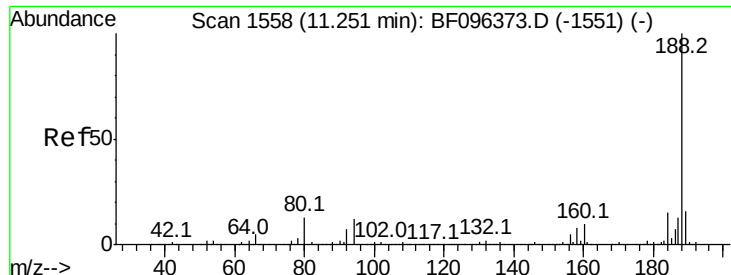
#44
 2-Fluorobiphenyl
 Concen: 21.33 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF096492.D
 Acq: 5 Jul 2017 19:00

Tgt Ion:172 Resp: 251379
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.0 19.8 29.8



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

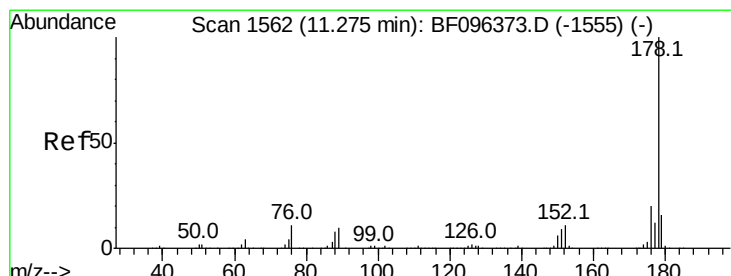
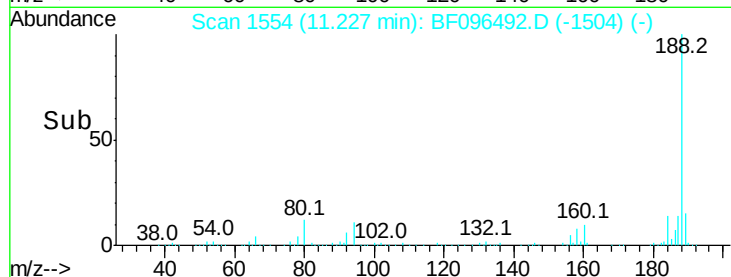
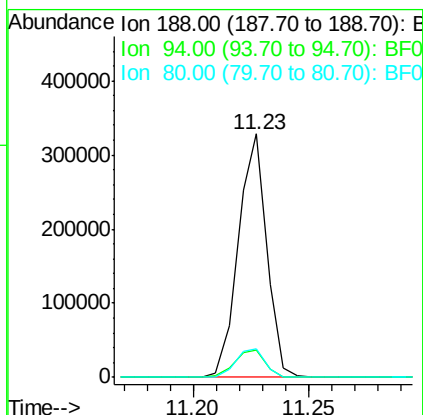
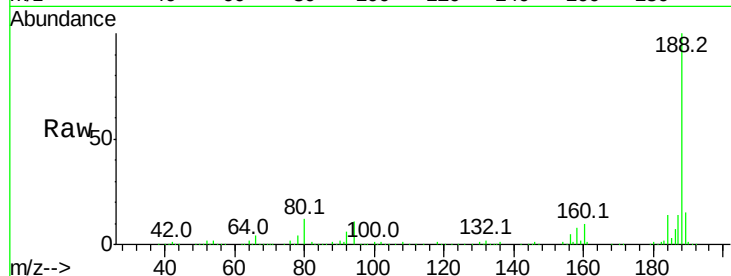




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

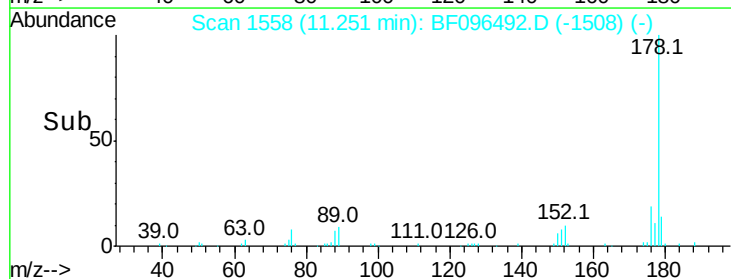
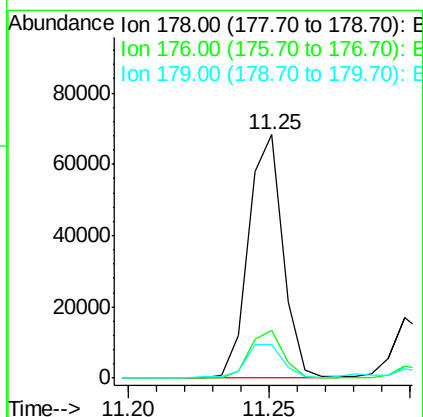
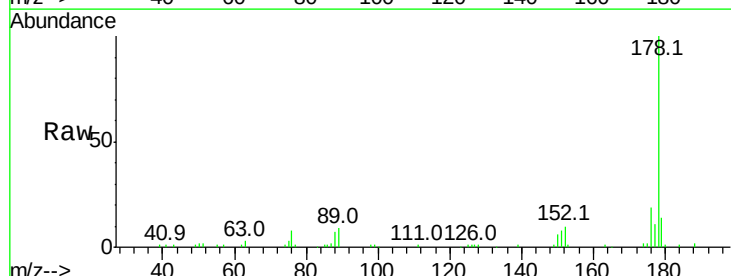
Instrument :
BNA_F
ClientSampleId :
HR-03-070317-B

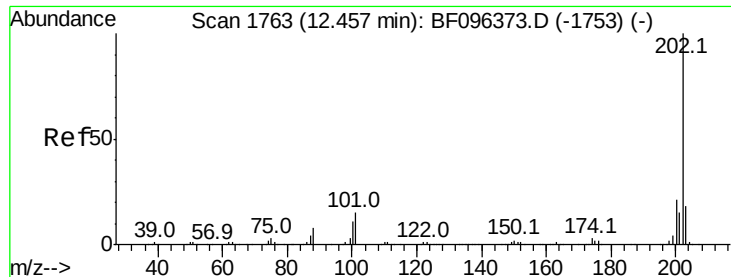
Tot Ion:188 Resp: 282431
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 11.8 10.2 15.2



#70
Phenanthrene
Concen: 3.77 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Tgt Ion:178 Resp: 57592
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.4
179 13.7 12.6 19.0

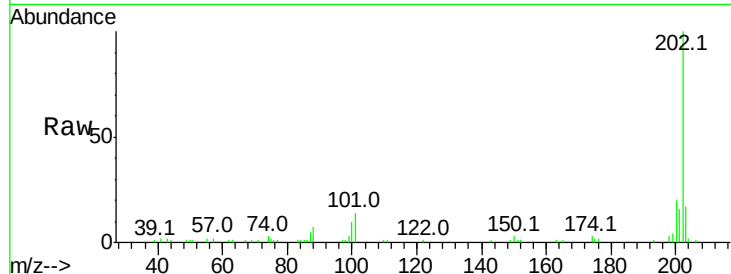




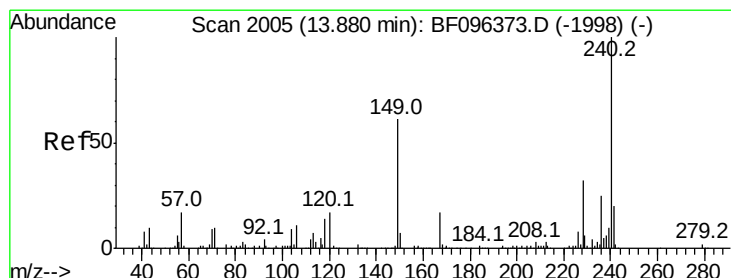
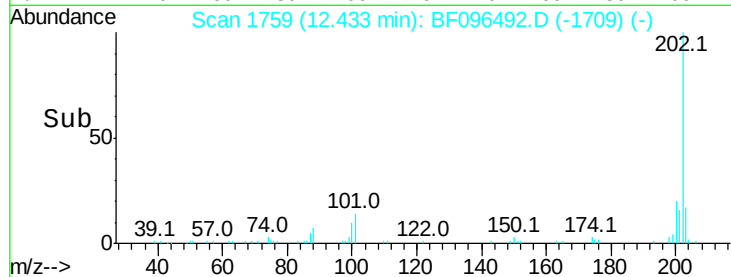
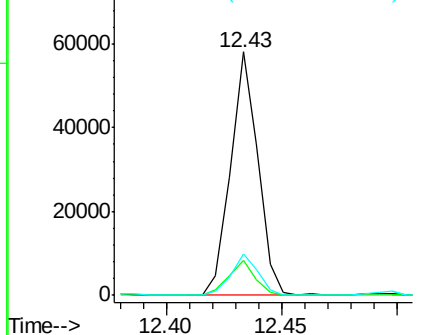
#74
 Fluoranthene
 Concen: 3.20 ng
 RT: 12.43 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BF096492.D
 Acq: 5 Jul 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-070317-B

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.2
203	16.8	0.0	38.1

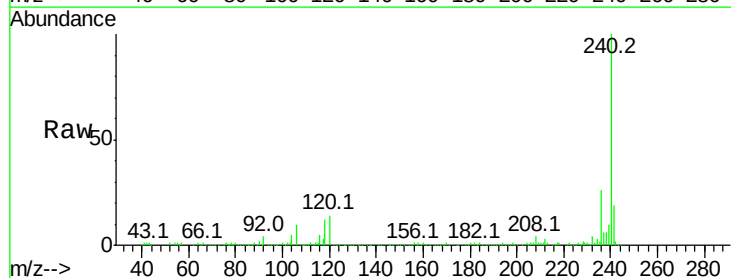


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

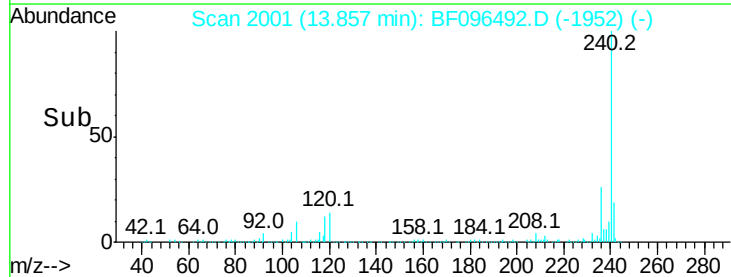
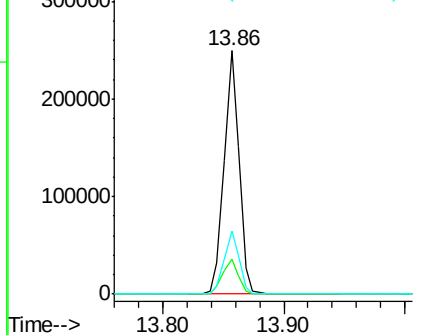


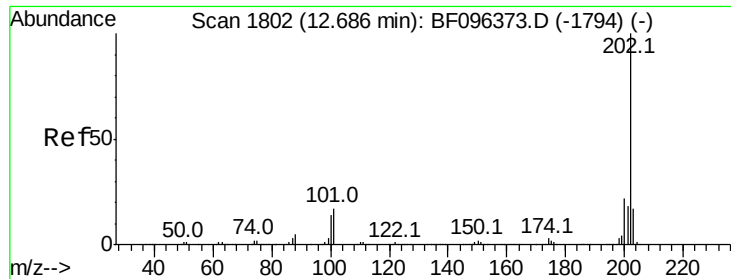
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF096492.D
 Acq: 5 Jul 2017 19:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	25.8	20.5	30.7



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: 2.87 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF096492.D

Acq: 5 Jul 2017 19:00

Instrument :

BNA_F

ClientSampleId :

HR-03-070317-B

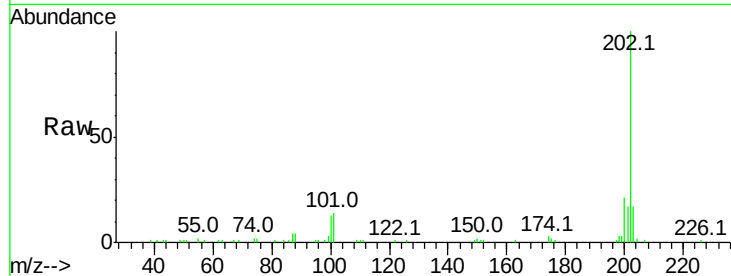
Tot Ion:202 Resp: 49413

Ion Ratio Lower Upper

202 100

200 20.7 17.6 26.4

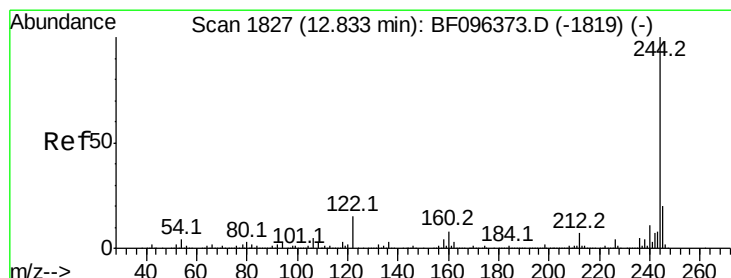
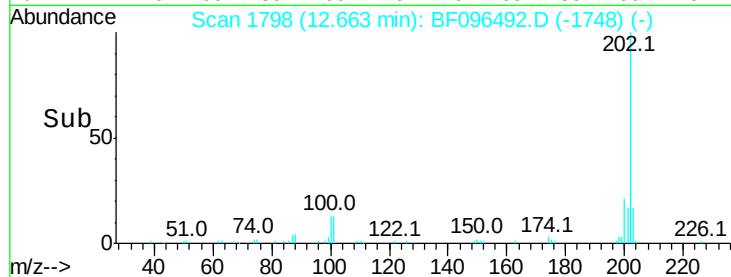
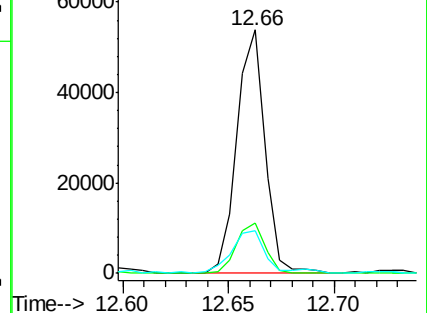
203 17.4 14.4 21.6



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: 13.32 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF096492.D

Acq: 5 Jul 2017 19:00

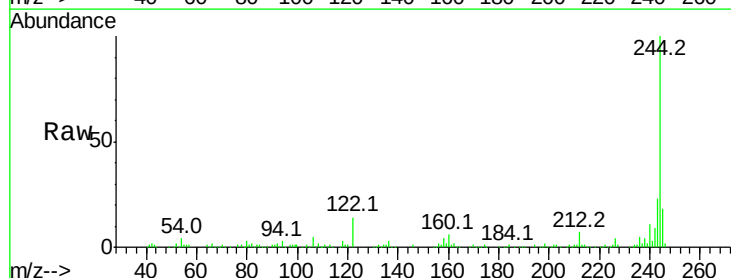
Tgt Ion:244 Resp: 133779

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

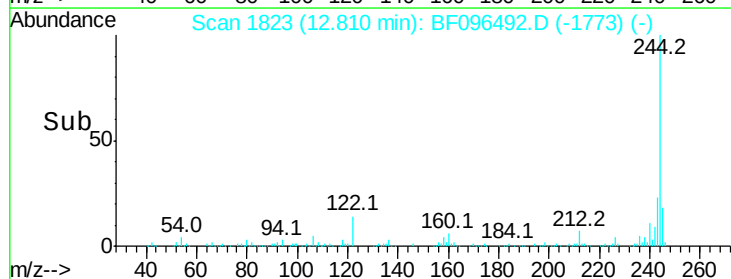
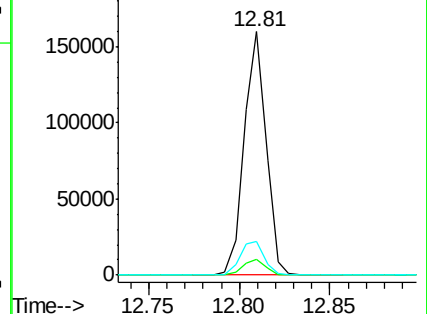
122 13.9 10.3 15.5

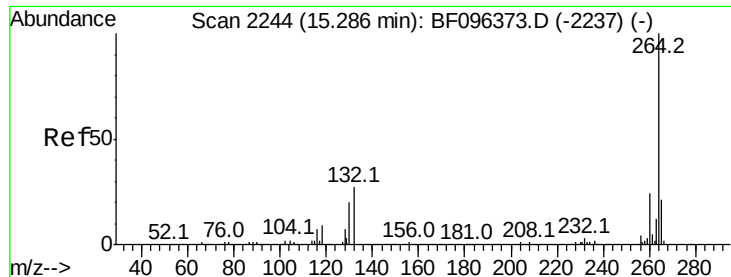


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

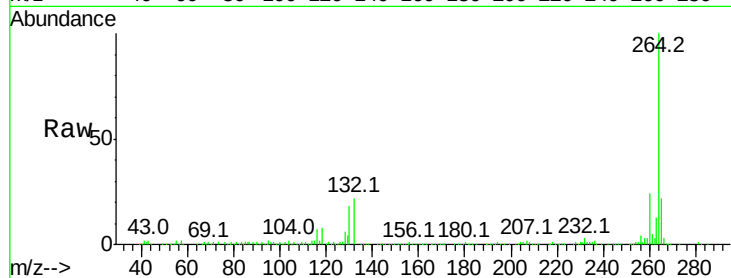




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Instrument :
BNA_F
ClientSampleId :
HR-03-070317-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.2	17.2	25.8



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

