

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097280.D
 Acq On : 2 Aug 2017 18:25
 Operator : SJ/JU
 Sample : I4534-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11938

Quant Time: Aug 02 23:27:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

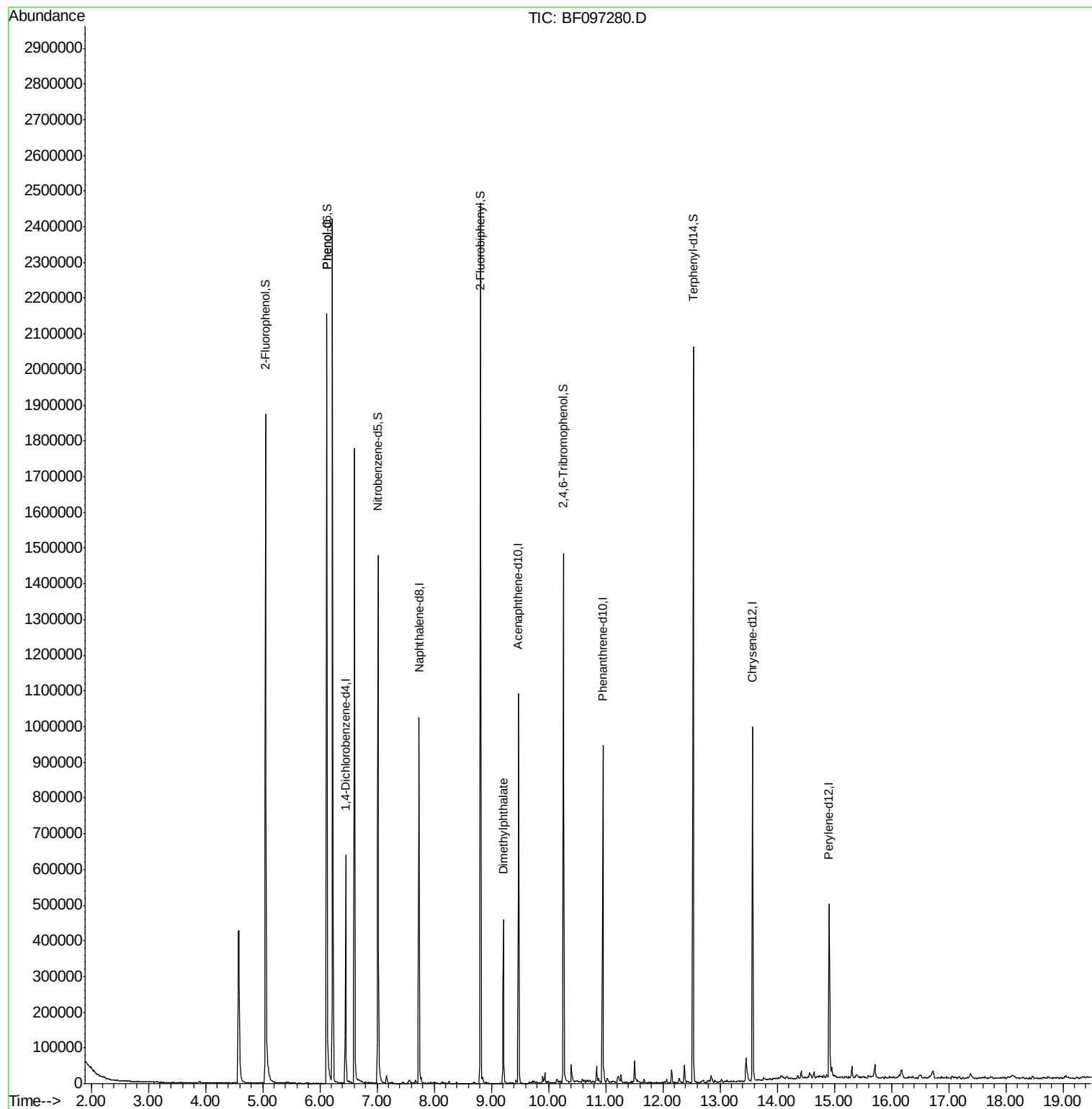
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	99020	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	453997	20.00	ng	-0.05
38) Acenaphthene-d10	9.47	164	198015	20.00	ng	-0.06
63) Phenanthrene-d10	10.95	188	359153	20.00	ng	-0.05
75) Chrysene-d12	13.57	240	311722	20.00	ng	-0.06
86) Perylene-d12	14.91	264	196403	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	621091	94.56	ng	-0.05
7) Phenol-d6	6.12	99	754299	100.59	ng	-0.05
23) Nitrobenzene-d5	7.02	82	484266	62.58	ng	-0.05
41) 2,4,6-Tribromophenol	10.26	330	163251	104.35	ng	-0.06
44) 2-Fluorobiphenyl	8.81	172	765776	65.63	ng	-0.06
78) Terphenyl-d14	12.53	244	633902	41.46	ng	-0.05
Target Compounds						
10) Phenol	6.13	94	19836	2.230	ng	Qvalue # 56
49) Dimethylphthalate	9.21	163	182041	12.106	ng	99

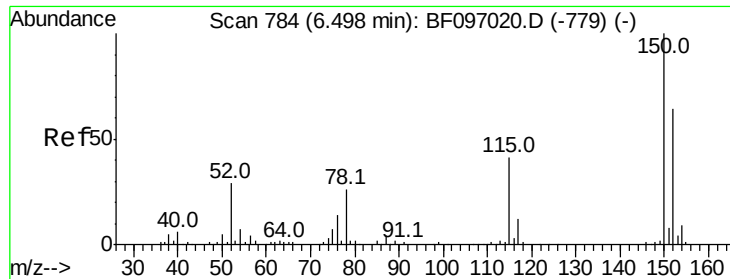
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097280.D
Acq On : 2 Aug 2017 18:25
Operator : SJ/JU
Sample : I4534-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11938

Quant Time: Aug 02 23:27:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration



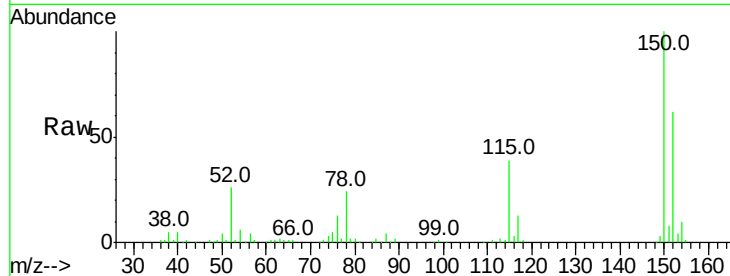


#1

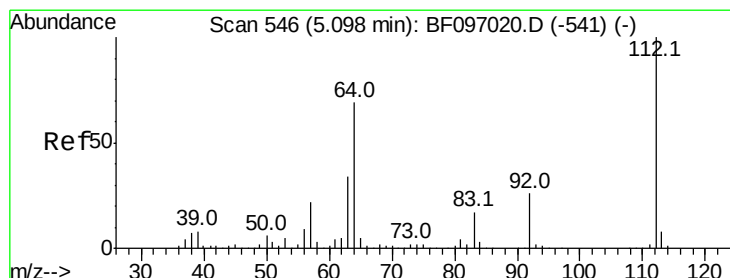
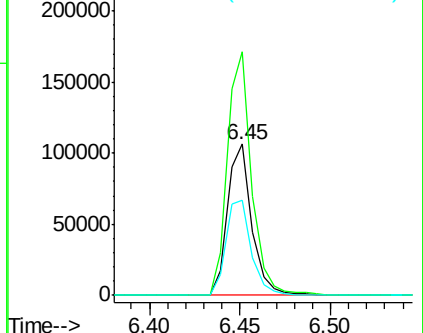
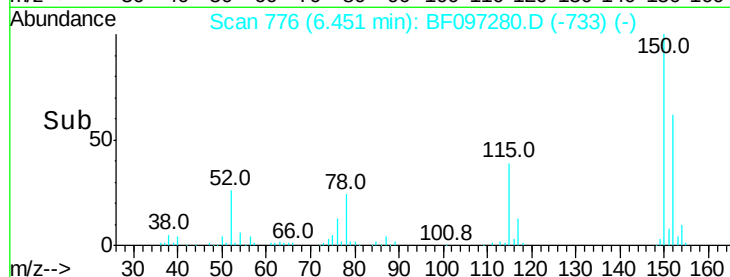
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.45 min Scan# 776
 Delta R.T. -0.05 min
 Lab File: BF097280.D
 Acq: 2 Aug 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :
 72-11938

Tot Ion:152 Resp: 99020
 Ion Ratio Lower Upper
 152 100
 150 161.1 126.2 189.2
 115 62.9 52.2 78.2



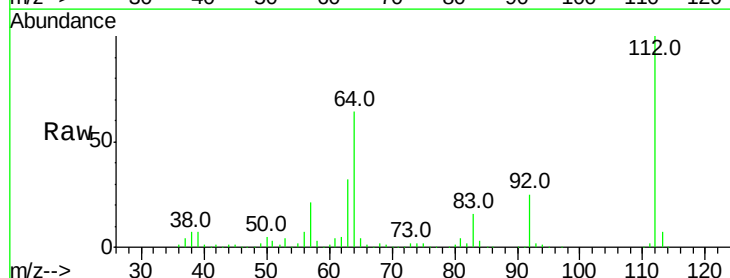
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



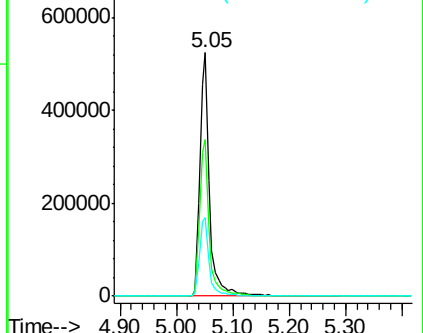
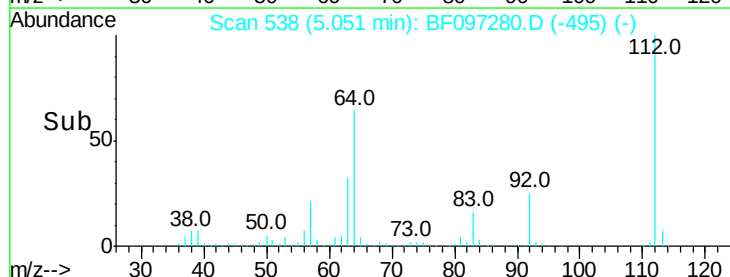
#5

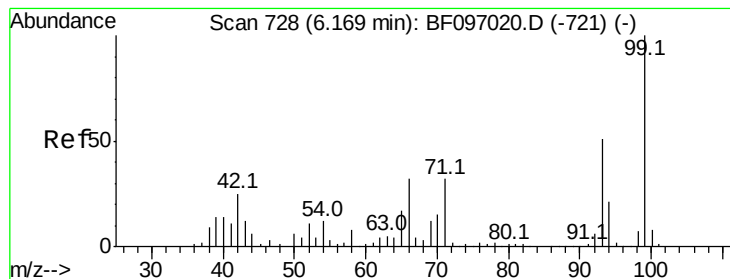
2-Fluorophenol
 Concen: 94.555 ng
 RT: 5.05 min Scan# 538
 Delta R.T. -0.05 min
 Lab File: BF097280.D
 Acq: 2 Aug 2017 18:25

Tgt Ion:112 Resp: 621091
 Ion Ratio Lower Upper
 112 100
 64 64.4 46.0 69.0
 63 32.4 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





#7

Phenol-d6

Concen: 100.590 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF097280.D

Acq: 2 Aug 2017 18:25

Instrument :

BNA_F

ClientSampleId :

72-11938

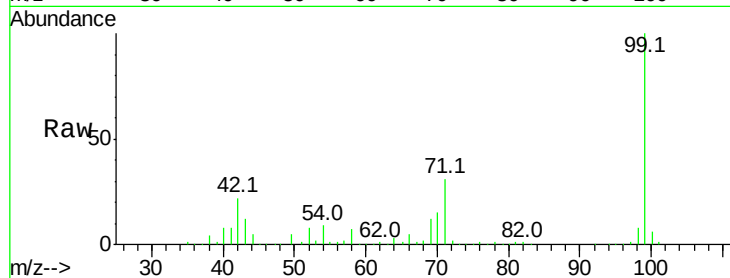
Tot Ion: 99 Resp: 754299

Ion Ratio Lower Upper

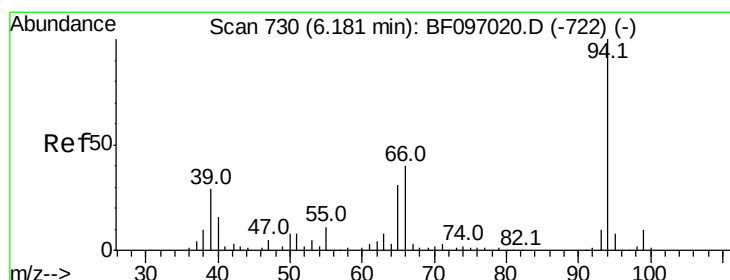
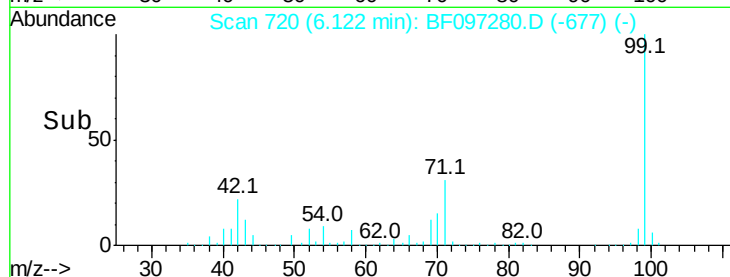
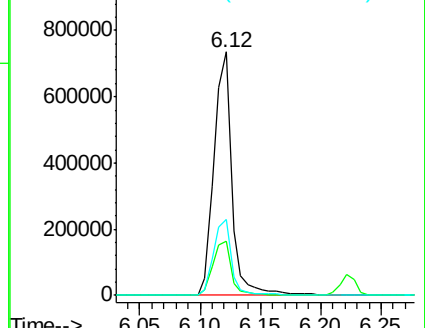
99 100

42 22.4 13.5 20.3#

71 31.2 24.5 36.7



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



#10

Phenol

Concen: 2.230 ng

RT: 6.13 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF097280.D

Acq: 2 Aug 2017 18:25

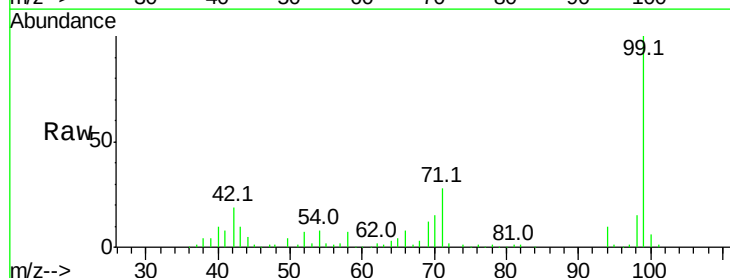
Tgt Ion: 94 Resp: 19836

Ion Ratio Lower Upper

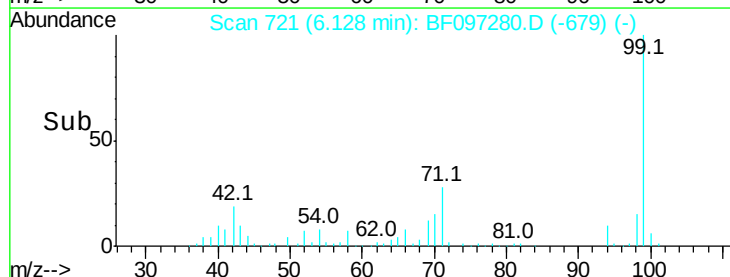
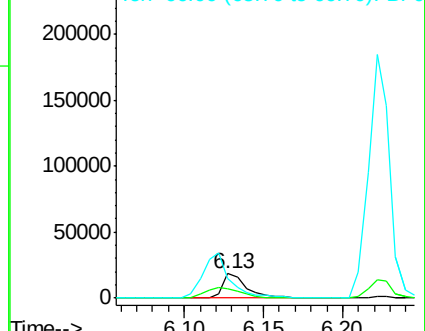
94 100

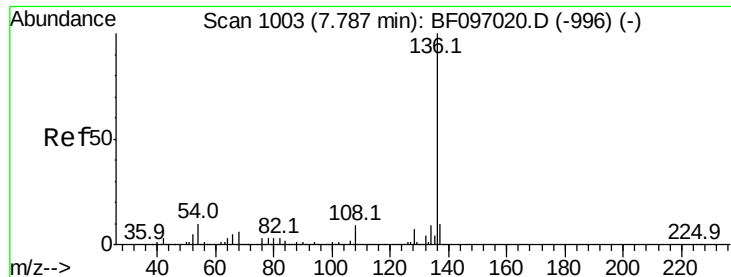
65 40.7 9.9 49.9

66 81.9 23.1 63.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

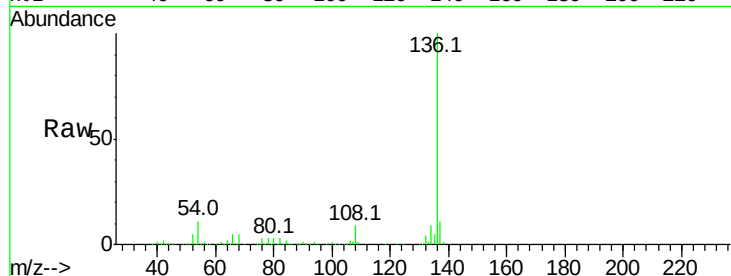




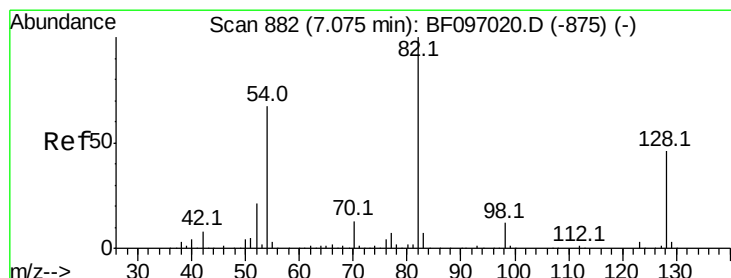
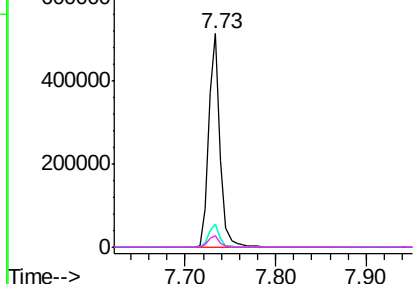
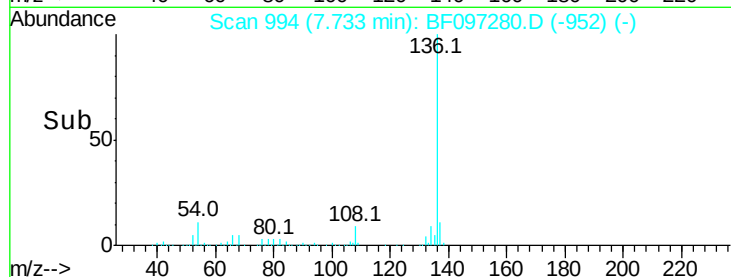
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF097280.D
Acq: 2 Aug 2017 18:25

Instrument :
BNA_F
ClientSampleId :
72-11938

Tot Ion:136	Resp:	453997
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.5 12.7
54	10.8	4.9 7.3#
68	5.5	4.1 6.1

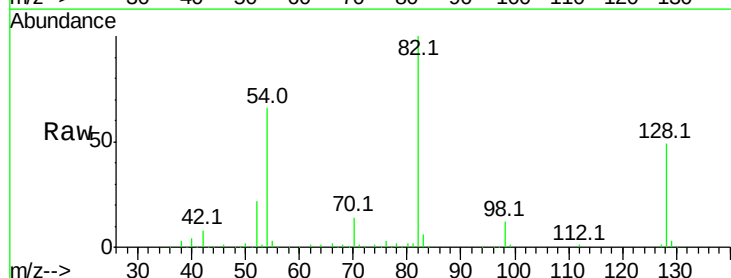


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

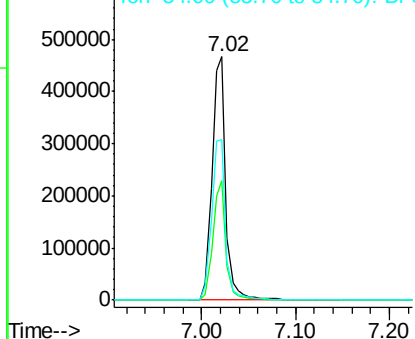
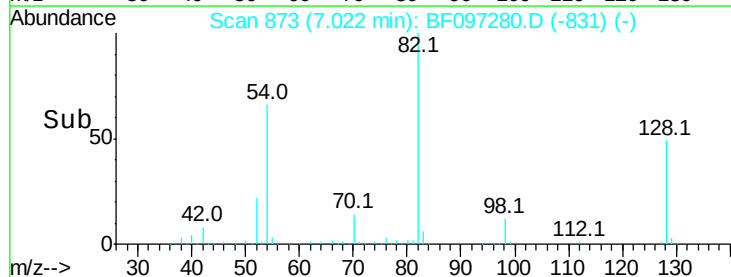


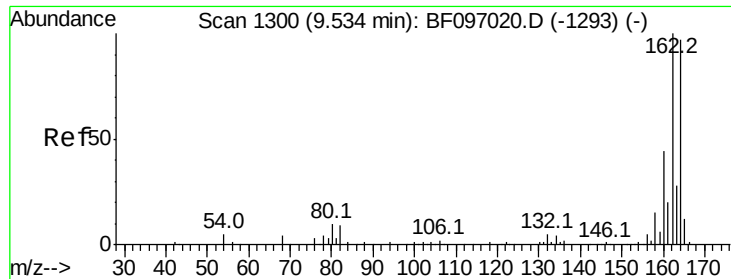
#23
Nitrobenzene-d5
Concen: 62.575 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF097280.D
Acq: 2 Aug 2017 18:25

Tgt Ion: 82	Resp:	484266
Ion	Ratio	Lower Upper
82	100	
128	49.0	34.0 51.0
54	66.0	42.2 63.2#



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

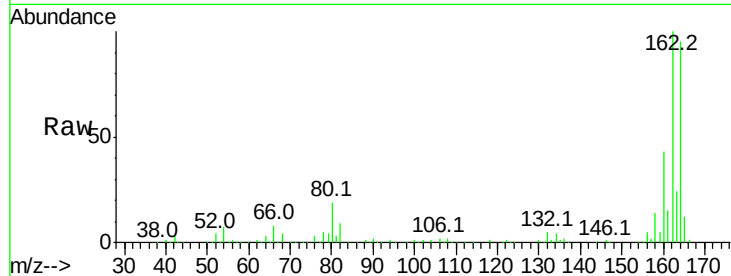




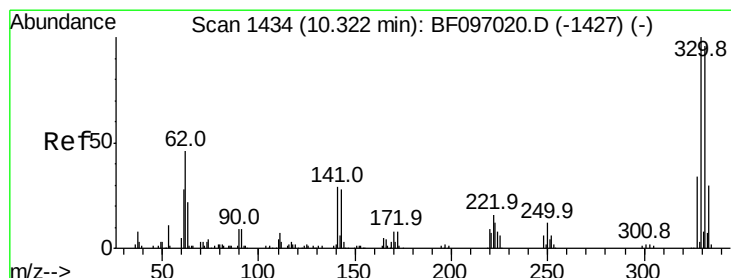
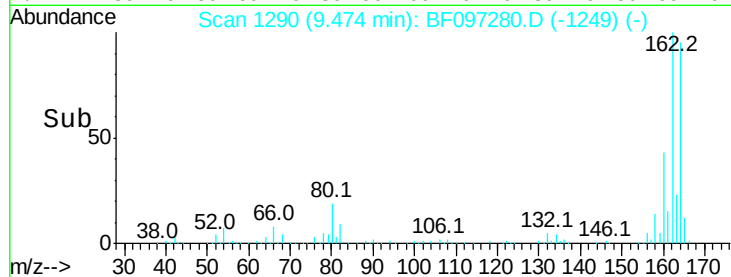
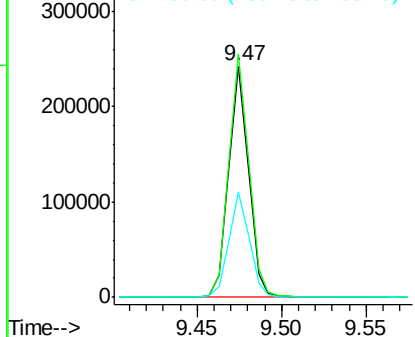
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.06 min
 Lab File: BF097280.D
 Acq: 2 Aug 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :
 72-11938

Tot Ion:164 Resp: 198015
 Ion Ratio Lower Upper
 164 100
 162 105.5 82.6 123.8
 160 45.7 36.2 54.2

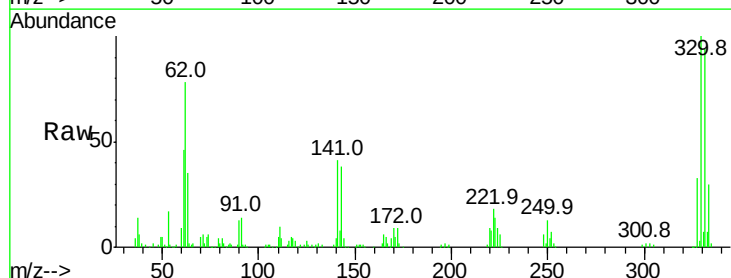


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

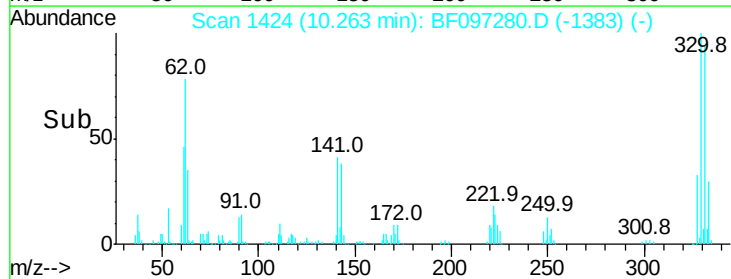
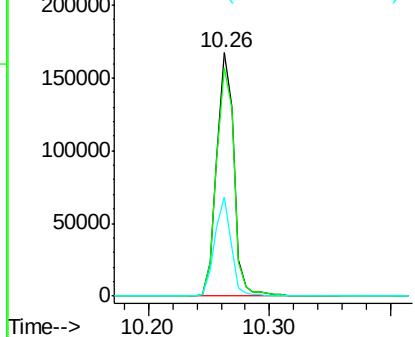


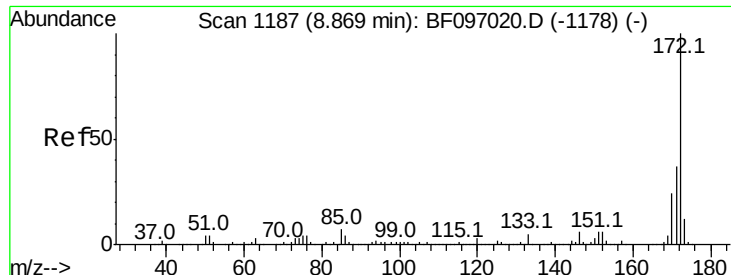
#41
 2,4,6-Tribromophenol
 Concen: 104.346 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.06 min
 Lab File: BF097280.D
 Acq: 2 Aug 2017 18:25

Tgt Ion:330 Resp: 163251
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 38.8 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

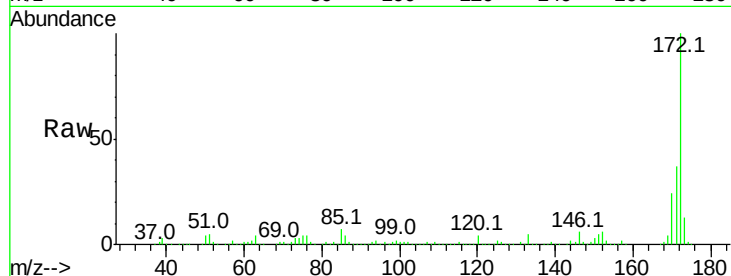




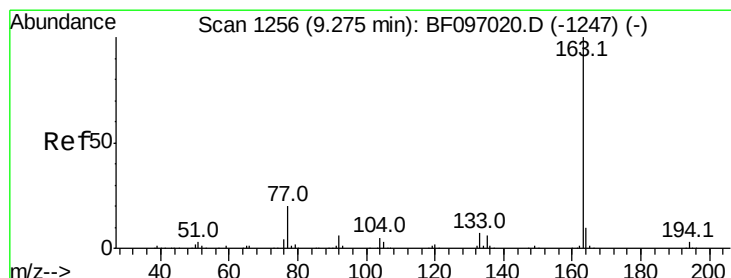
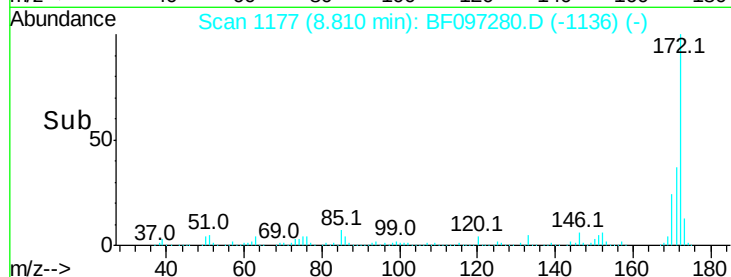
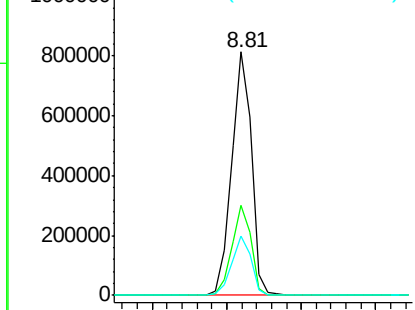
#44
 2-Fluorobiphenyl
 Concen: 65.631 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.06 min
 Lab File: BF097280.D
 Acq: 2 Aug 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :
 72-11938

Tot Ion:172 Resp: 765776
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.2 19.8 29.8

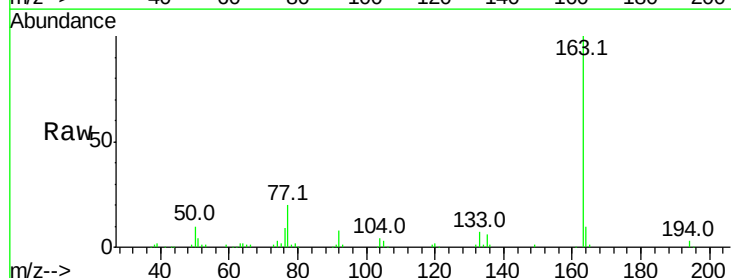


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

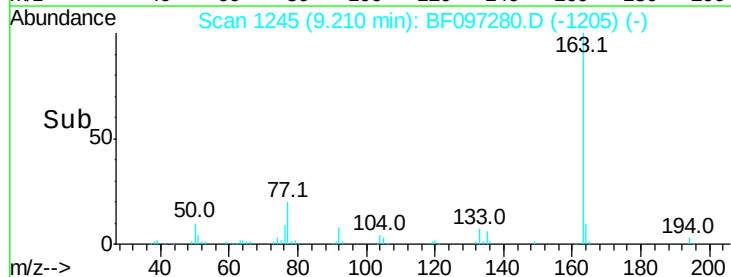
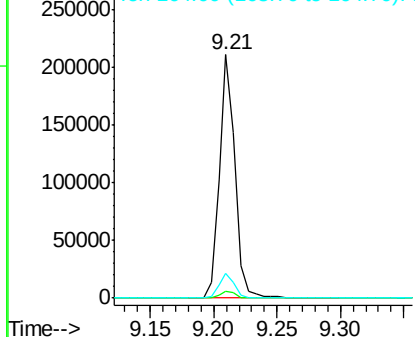


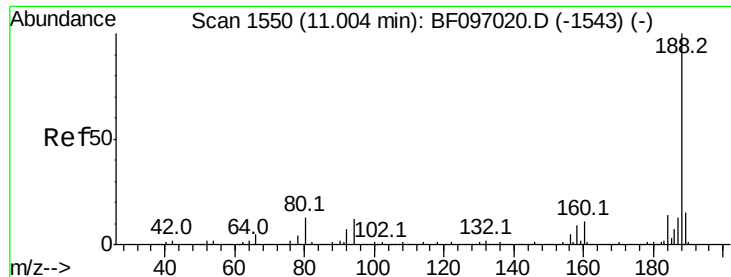
#49
 Dimethylphthalate
 Concen: 12.106 ng
 RT: 9.21 min Scan# 1245
 Delta R.T. -0.06 min
 Lab File: BF097280.D
 Acq: 2 Aug 2017 18:25

Tgt Ion:163 Resp: 182041
 Ion Ratio Lower Upper
 163 100
 194 2.8 2.6 4.0
 164 10.0 8.4 12.6



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

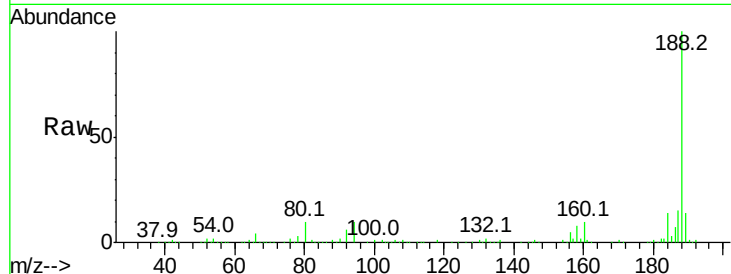




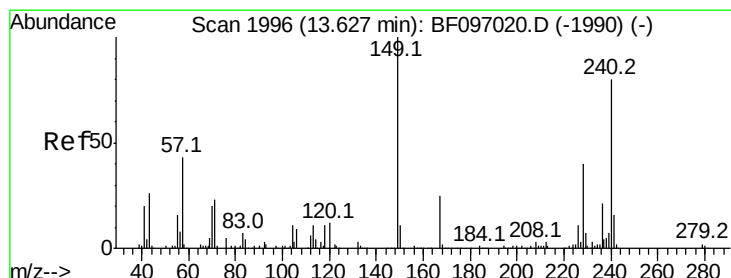
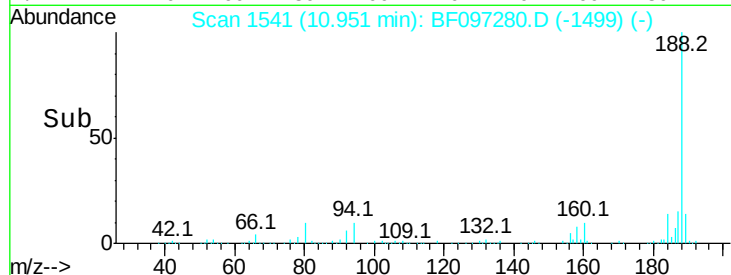
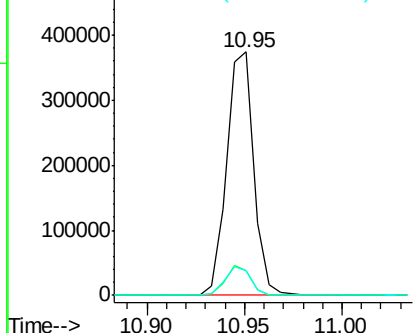
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.95 min Scan# 1541
 Delta R.T. -0.05 min
 Lab File: BF097280.D
 Acq: 2 Aug 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :
 72-11938

Tot Ion:188 Resp: 359153
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 10.0 10.2 15.2#

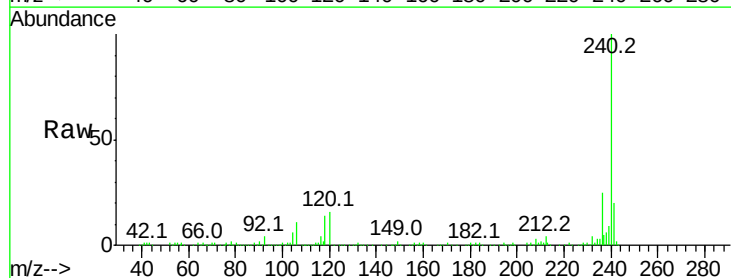


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

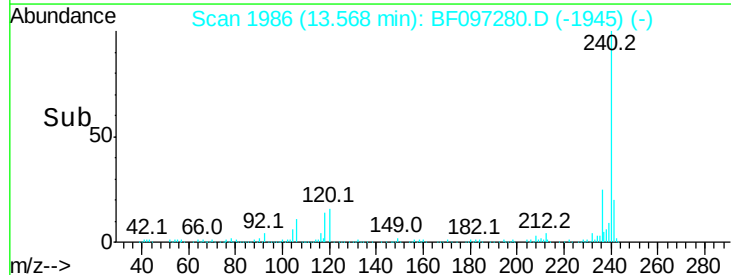
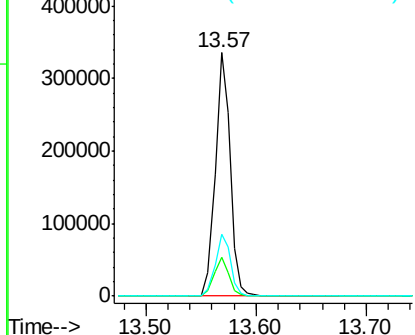


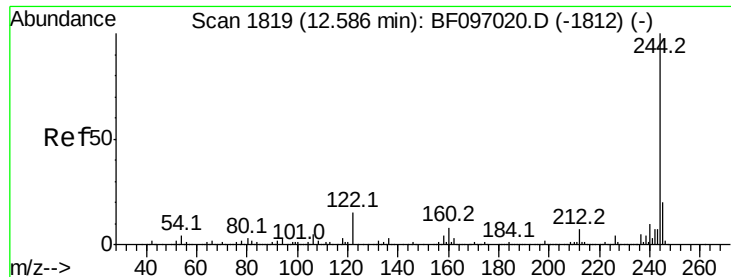
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.57 min Scan# 1986
 Delta R.T. -0.06 min
 Lab File: BF097280.D
 Acq: 2 Aug 2017 18:25

Tgt Ion:240 Resp: 311722
 Ion Ratio Lower Upper
 240 100
 120 16.0 5.8 8.8#
 236 25.2 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





#78

Terphenyl-d14

Concen: 41.461 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.05 min

Lab File: BF097280.D

Acq: 2 Aug 2017 18:25

Instrument :

BNA_F

ClientSampleId :

72-11938

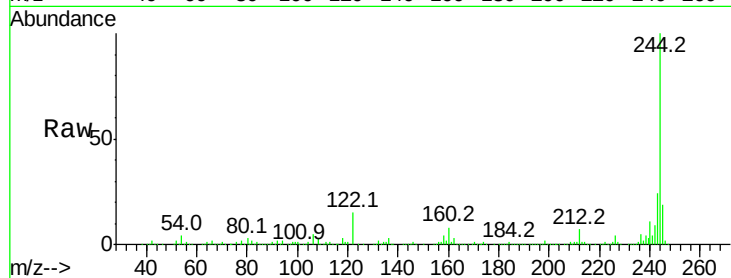
Tot Ion:244 Resp: 633902

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

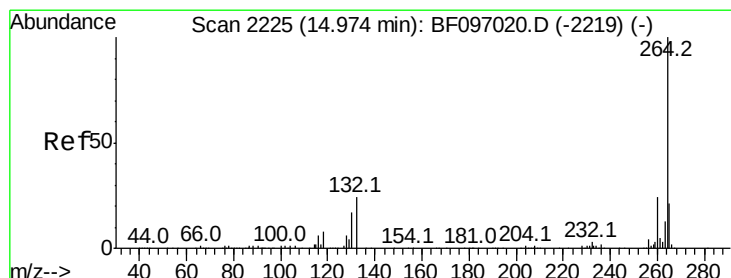
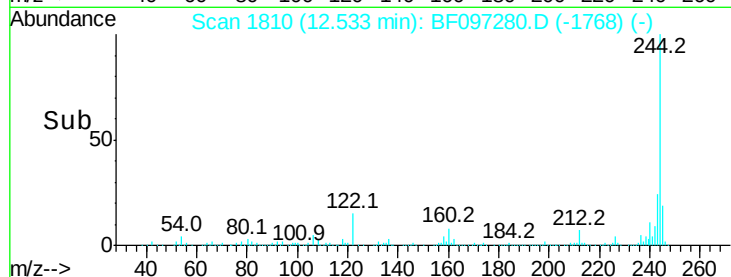
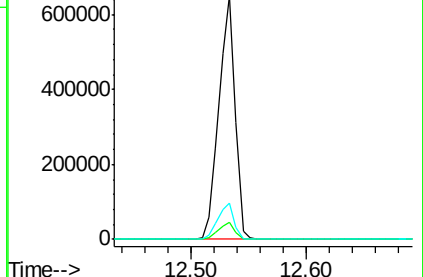
122 14.8 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 14.91 min Scan# 2214

Delta R.T. -0.06 min

Lab File: BF097280.D

Acq: 2 Aug 2017 18:25

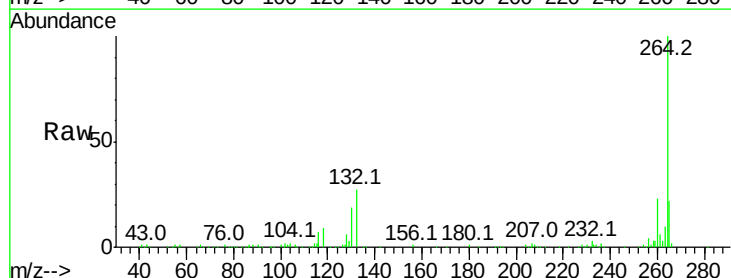
Tgt Ion:264 Resp: 196403

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.6 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

