

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096508.D
 Acq On : 6 Jul 2017 3:19
 Operator : SJ/MA
 Sample : I3976-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B10-4-6

Quant Time: Jul 06 05:02:47 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

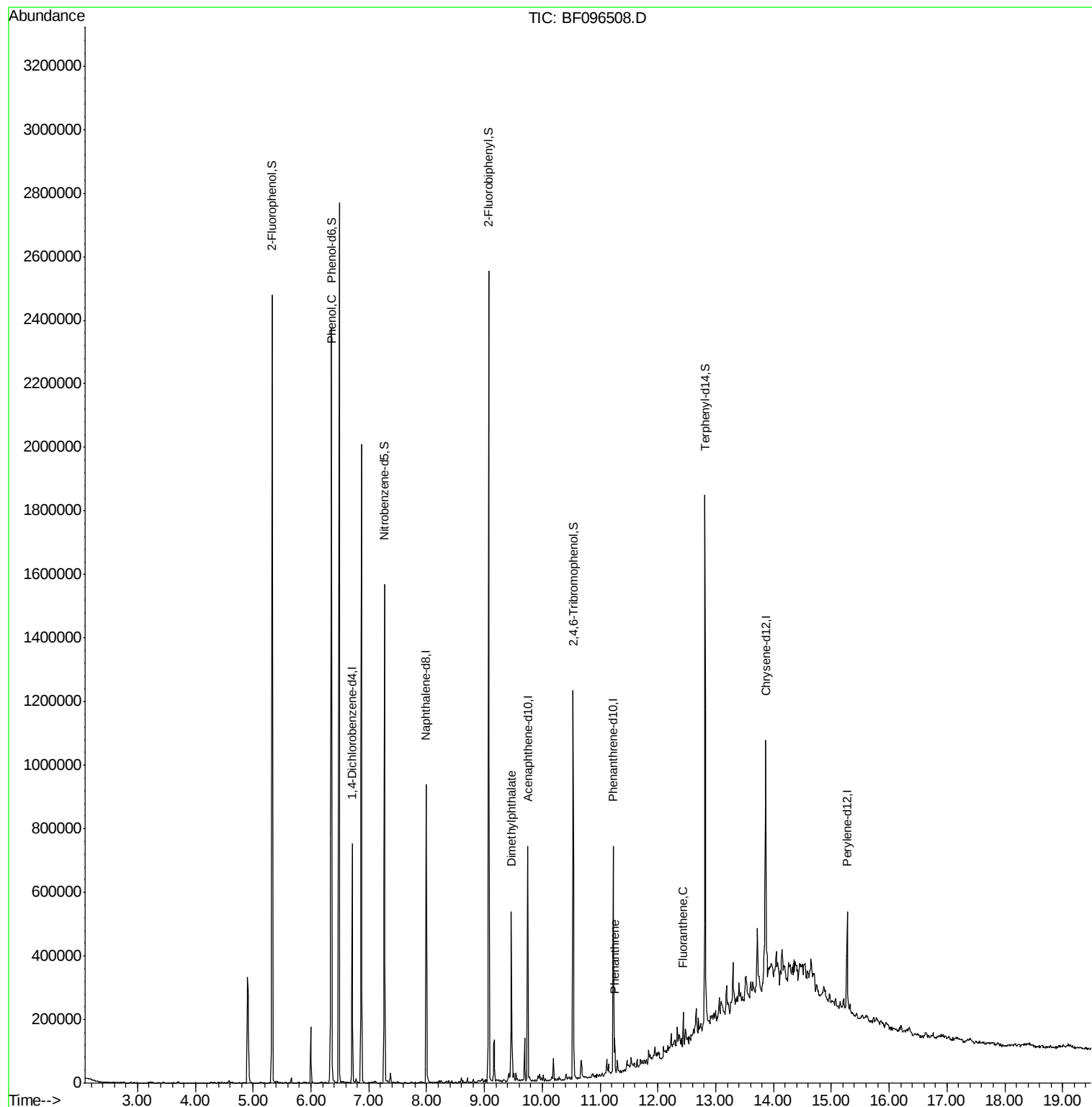
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	111377	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	420585	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	147705	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	235912	20.00	ng	0.00
75) Chrysene-d12	13.86	240	226071	20.00	ng	0.00
86) Perylene-d12	15.27	264	139229	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	732753	97.10	ng	0.00
7) Phenol-d6	6.35	99	882912	95.17	ng	0.00
23) Nitrobenzene-d5	7.27	82	454543	64.94	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	118778	102.95	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	770045	89.14	ng	0.00
78) Terphenyl-d14	12.82	244	491366	46.44	ng	0.00
Target Compounds						
10) Phenol	6.36	94	22557	2.13	ng	96
49) Dimethylphthalate	9.47	163	221061	20.05	ng	99
70) Phenanthrene	11.25	178	35329	2.77	ng	97
74) Fluoranthene	12.44	202	39752	3.18	ng	98

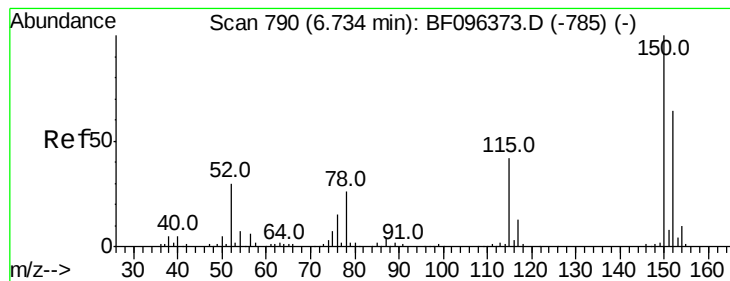
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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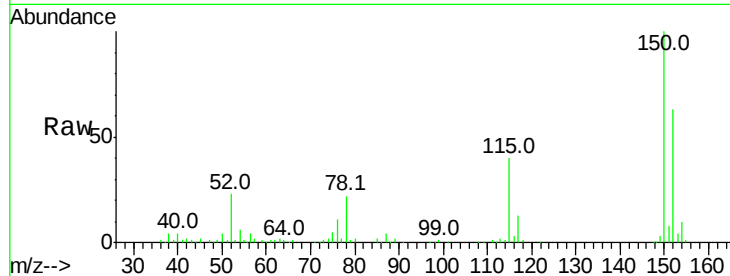


#1

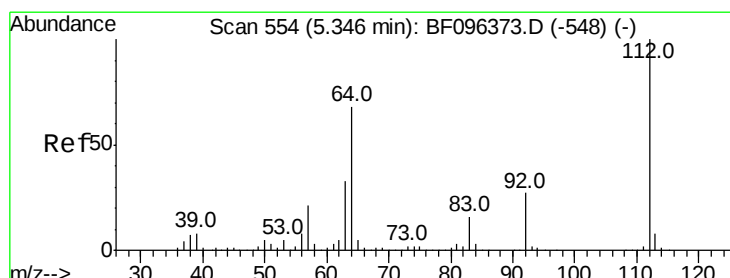
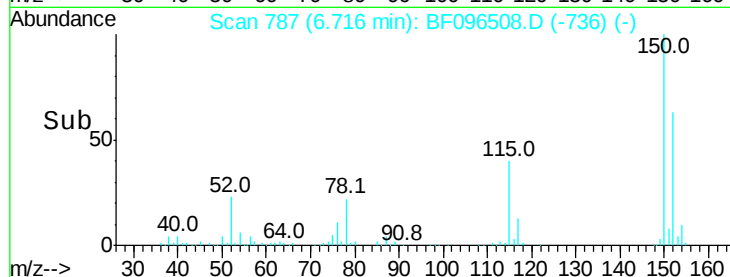
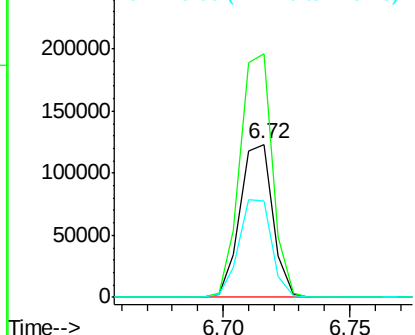
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096508.D
Acq: 6 Jul 2017 3:19

Instrument :
BNA_F
ClientSampleId :
B10-4-6

Tot Ion:152 Resp: 111377
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.2
115 63.0 52.2 78.2



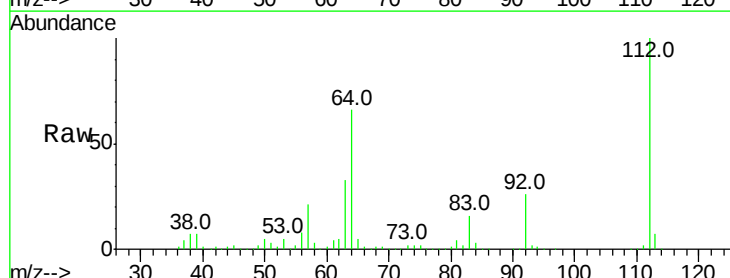
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



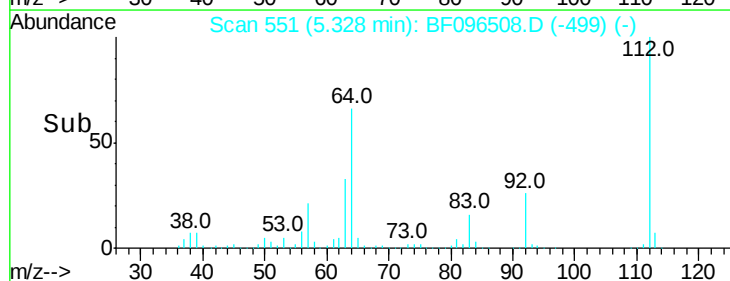
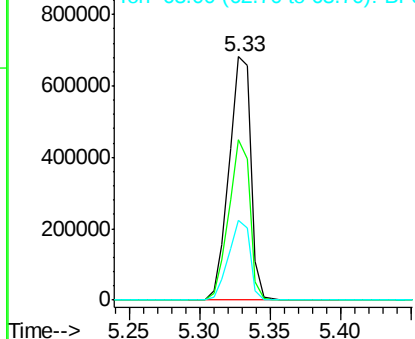
#5

2-Fluorophenol
Concen: 97.10 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096508.D
Acq: 6 Jul 2017 3:19

Tgt Ion:112 Resp: 732753
Ion Ratio Lower Upper
112 100
64 66.1 46.0 69.0
63 32.9 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: 95.17 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096508.D

Acq: 6 Jul 2017 3:19

Instrument :

BNA_F

ClientSampleId :

B10-4-6

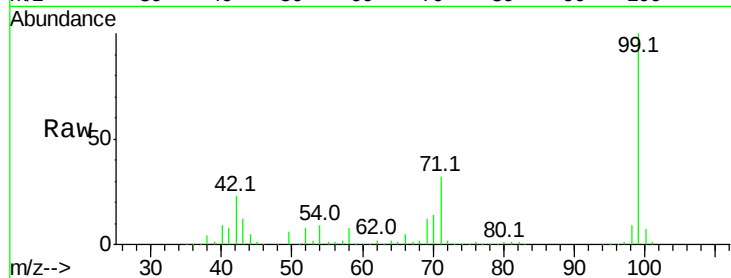
Tot Ion: 99 Resp: 882912

Ion Ratio Lower Upper

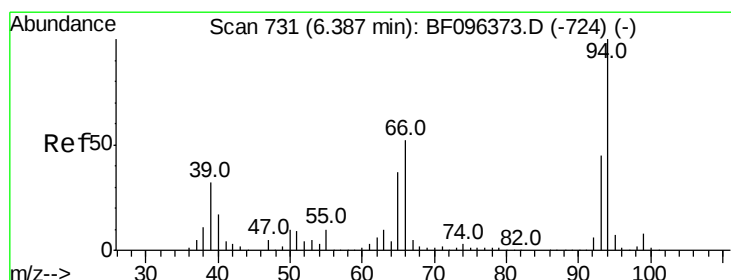
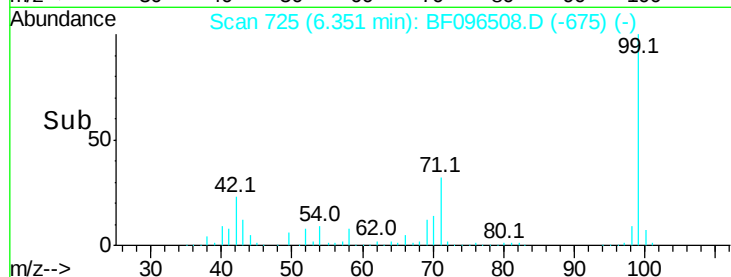
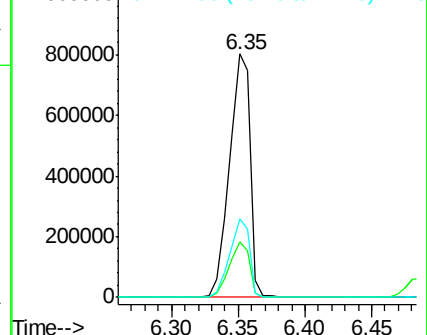
99 100

42 22.7 13.5 20.3#

71 32.1 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: 2.13 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096508.D

Acq: 6 Jul 2017 3:19

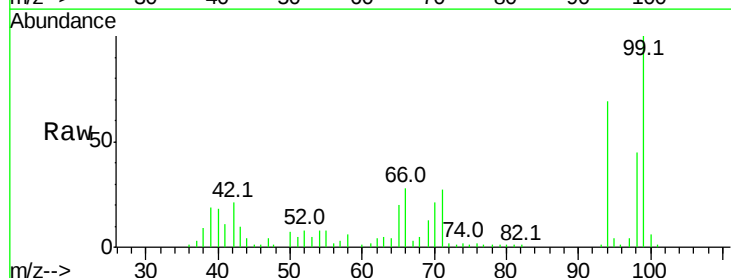
Tgt Ion: 94 Resp: 22557

Ion Ratio Lower Upper

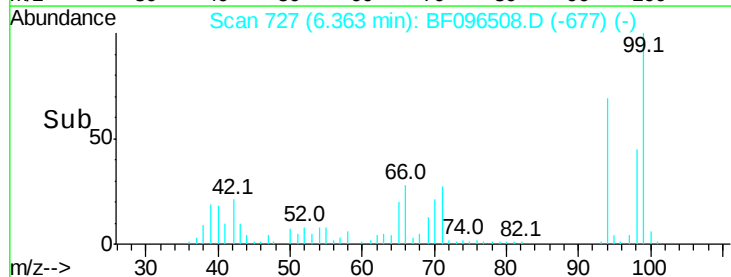
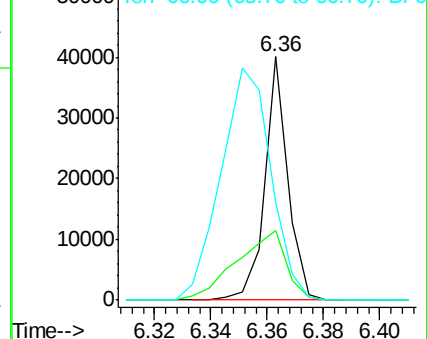
94 100

65 28.6 9.9 49.9

66 40.2 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: 20.00 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096508.D

Acq: 6 Jul 2017 3:19

Instrument :

BNA_F

ClientSampleId :

B10-4-6

Tot Ion:136 Resp: 420585

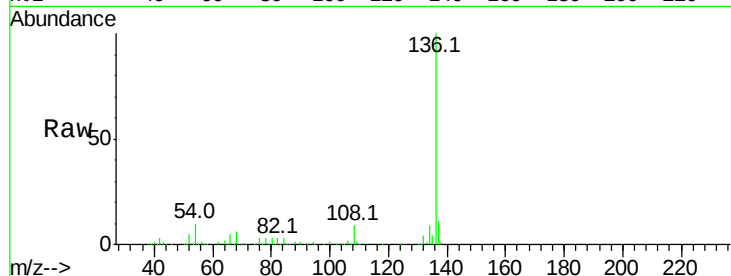
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.4 4.9 7.3#

68 5.5 4.1 6.1

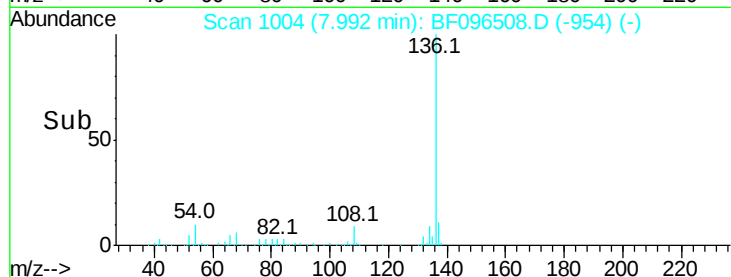


Abundance Ion 136.00 (135.70 to 136.70): E

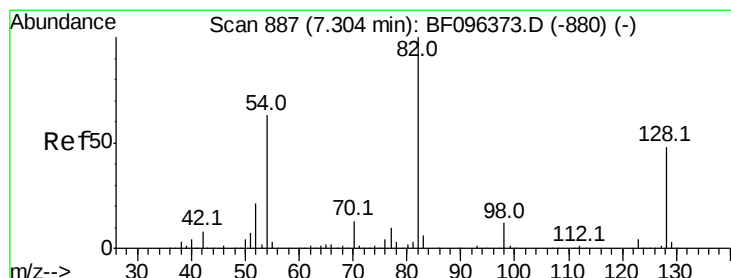
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 64.94 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF096508.D

Acq: 6 Jul 2017 3:19

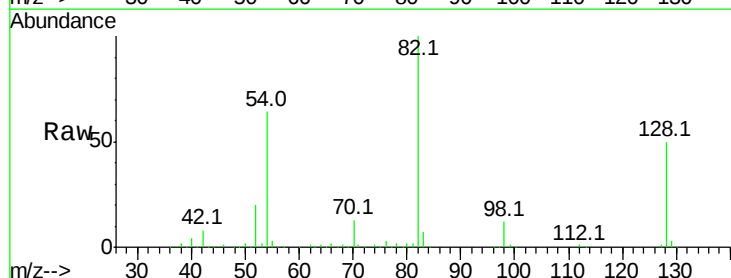
Tgt Ion: 82 Resp: 454543

Ion Ratio Lower Upper

82 100

128 50.0 34.0 51.0

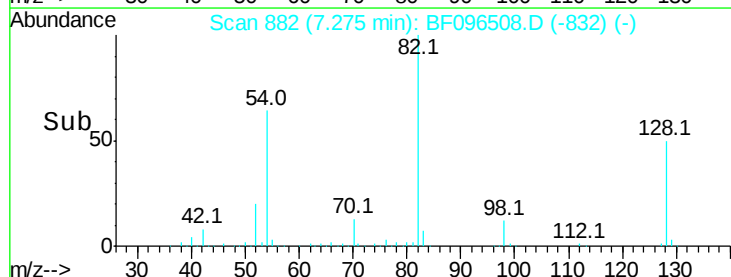
54 64.4 42.2 63.2#



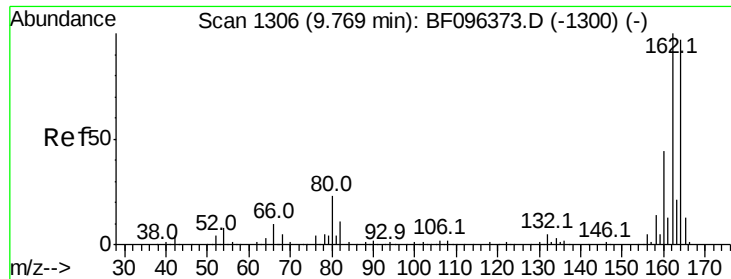
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



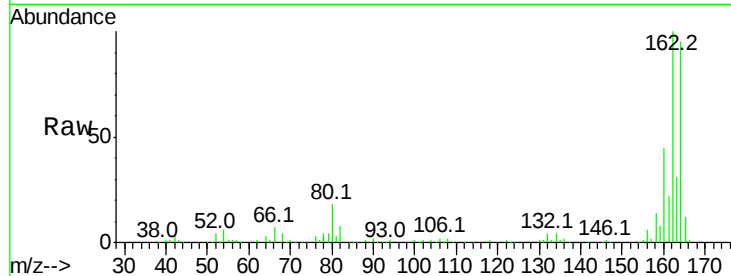
Time-->



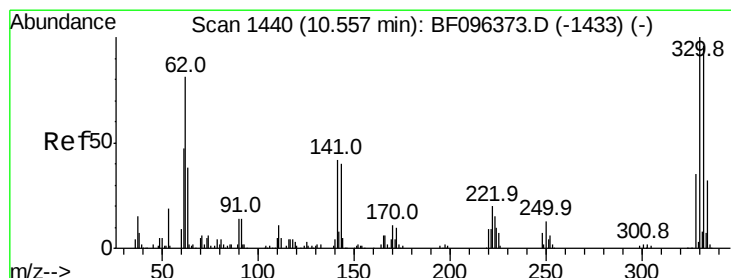
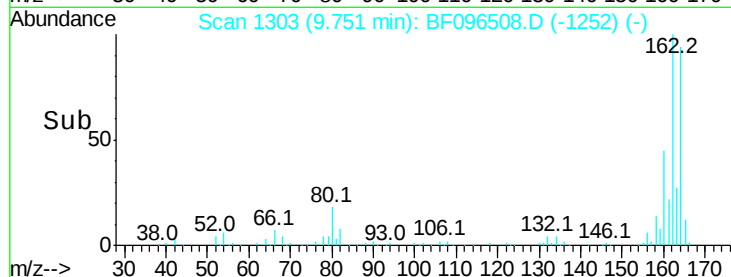
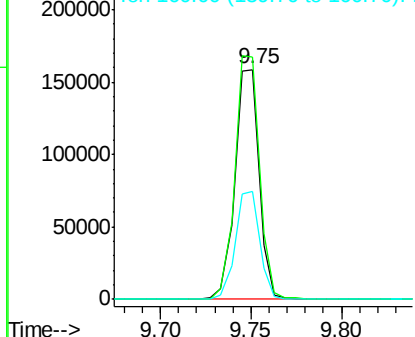
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF096508.D
Acq: 6 Jul 2017 3:19

Instrument :
BNA_F
ClientSampleId :
B10-4-6

Tot Ion:164 Resp: 147705
Ion Ratio Lower Upper
164 100
162 105.7 82.6 123.8
160 47.1 36.2 54.2

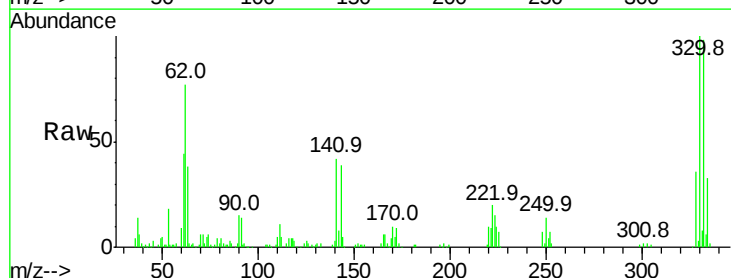


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

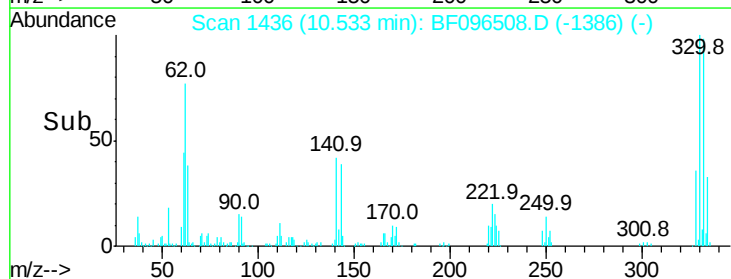
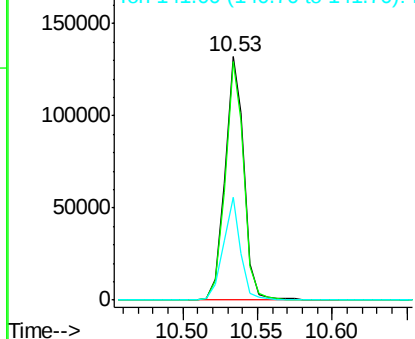


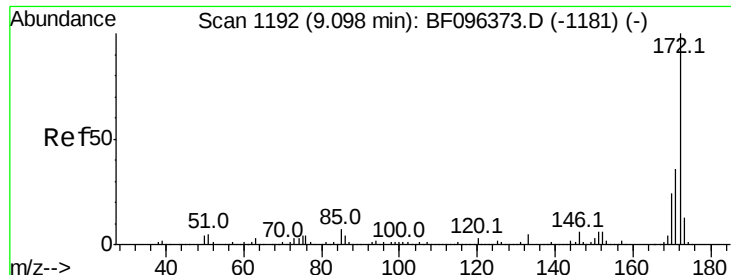
#41
2,4,6-Tribromophenol
Concen: 102.95 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF096508.D
Acq: 6 Jul 2017 3:19

Tgt Ion:330 Resp: 118778
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 38.2 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

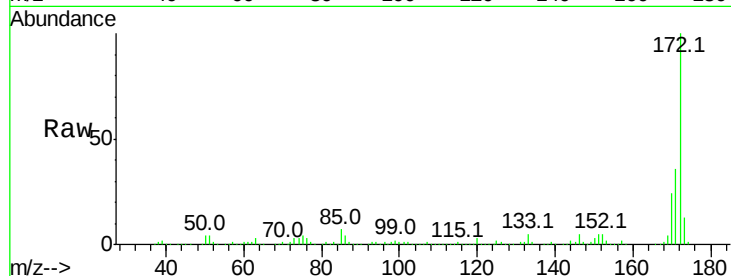




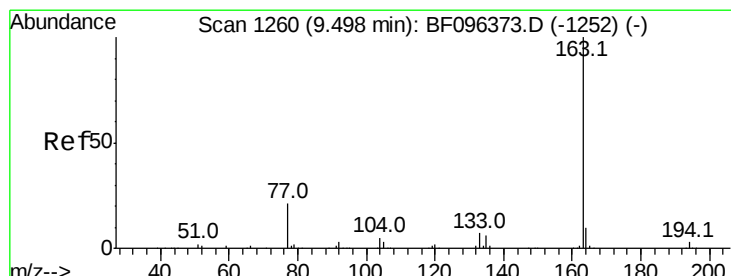
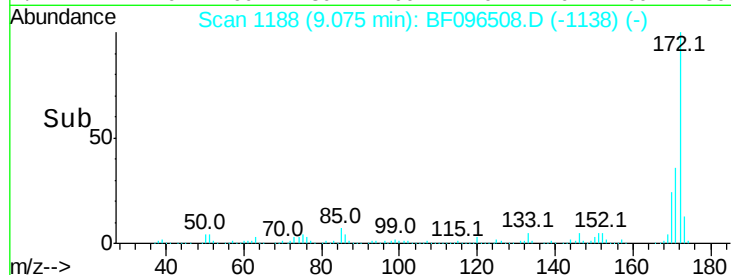
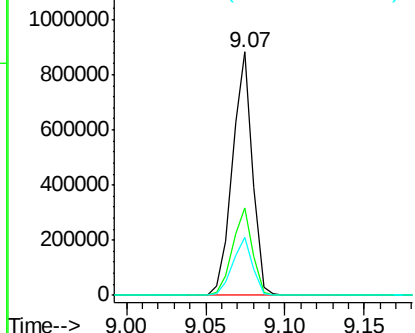
#44
 2-Fluorobiphenyl
 Concen: 89.14 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096508.D
 Acq: 6 Jul 2017 3:19

Instrument :
 BNA_F
 ClientSampleId :
 B10-4-6

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.6	19.8	29.8

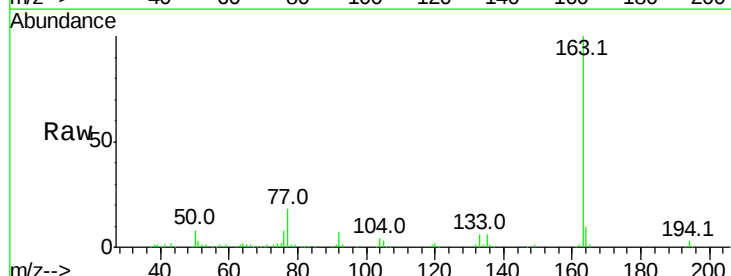


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

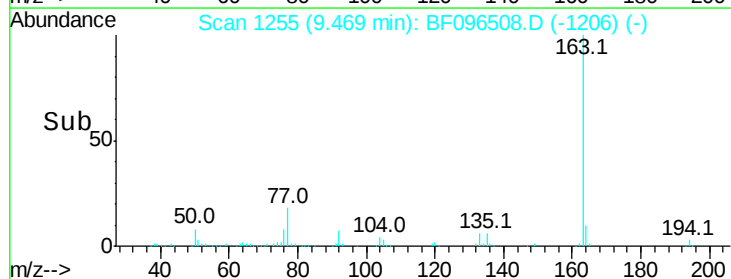
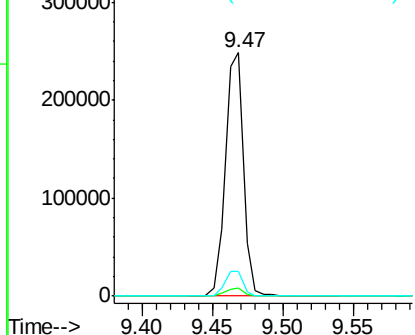


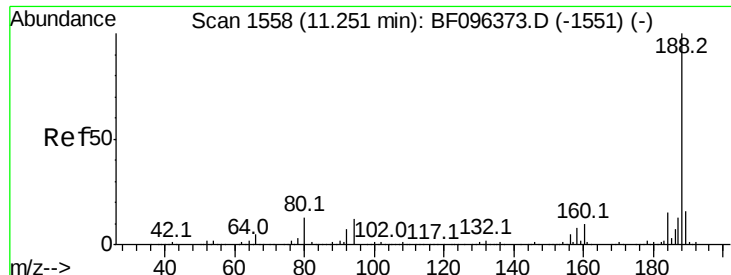
#49
 Dimethylphthalate
 Concen: 20.05 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF096508.D
 Acq: 6 Jul 2017 3:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.1	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

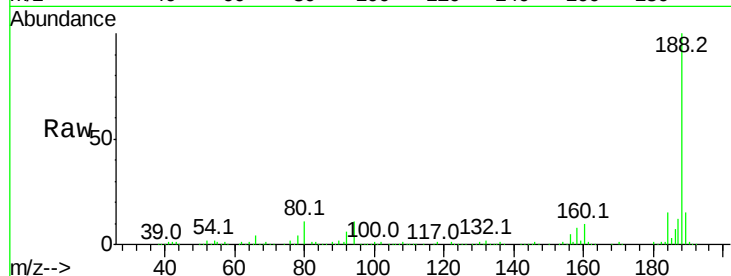




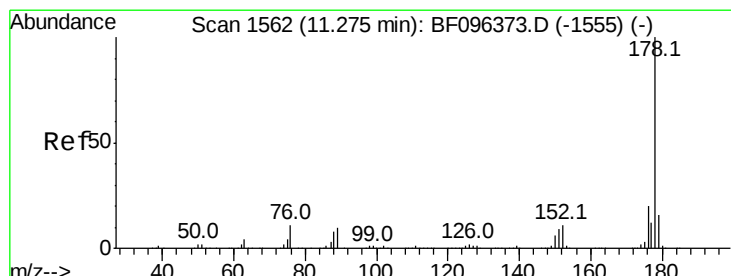
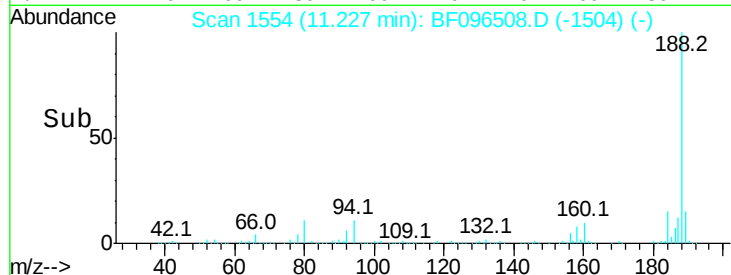
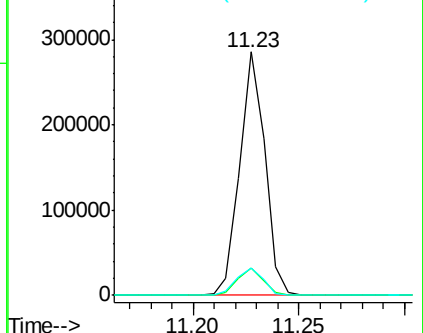
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096508.D
Acq: 6 Jul 2017 3:19

Instrument :
BNA_F
ClientSampleId :
B10-4-6

Tot Ion:188 Resp: 235912
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 11.0 10.2 15.2

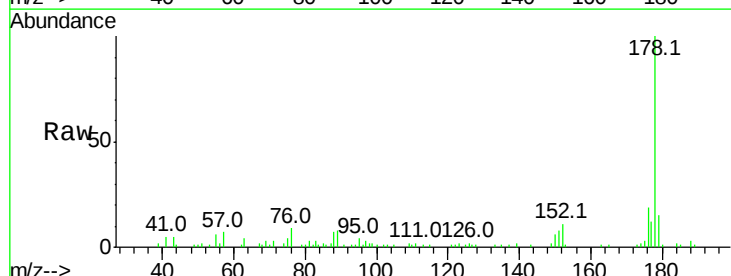


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

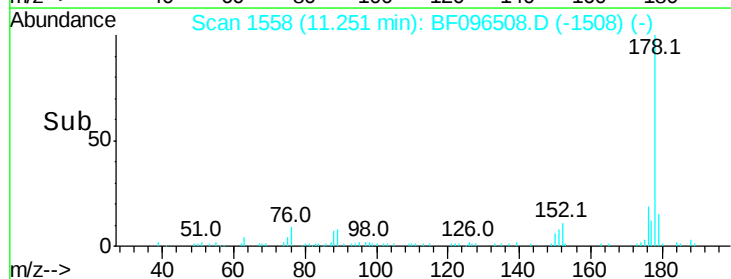
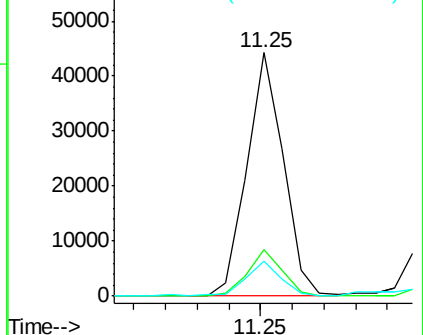


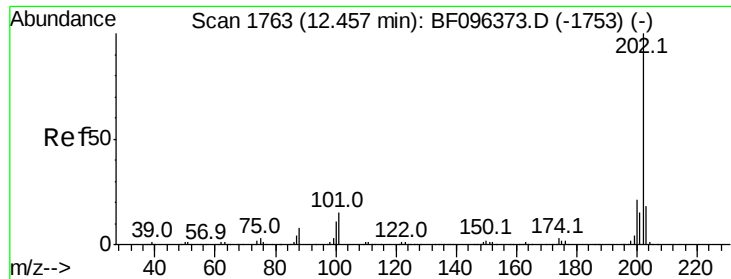
#70
Phenanthrene
Concen: 2.77 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF096508.D
Acq: 6 Jul 2017 3:19

Tgt Ion:178 Resp: 35329
Ion Ratio Lower Upper
178 100
176 19.2 16.2 24.4
179 14.6 12.6 19.0



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: 3.18 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.00 min

Lab File: BF096508.D

Acq: 6 Jul 2017 3:19

Instrument :

BNA_F

ClientSampleId :

B10-4-6

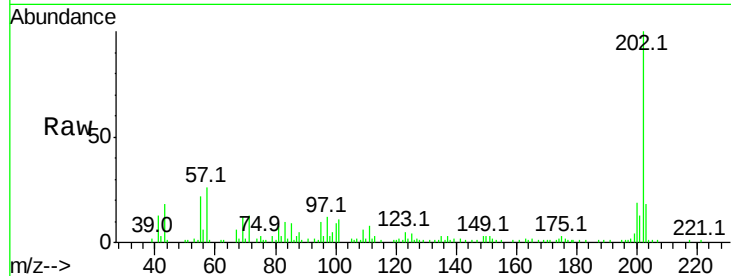
Tot Ion:202 Resp: 39752

Ion Ratio Lower Upper

202 100

101 11.0 0.0 33.2

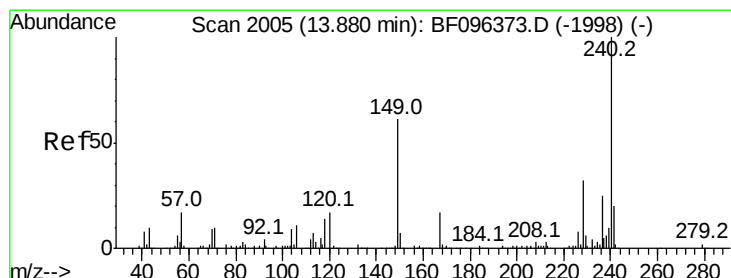
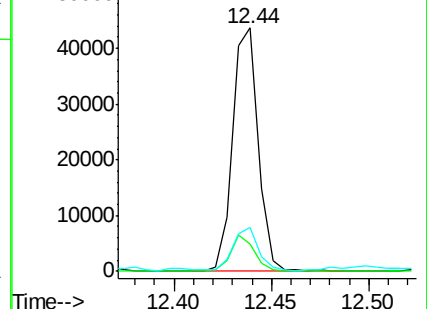
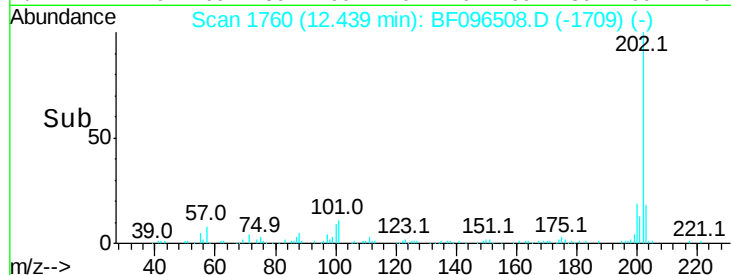
203 18.1 0.0 38.1



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# 2002

Delta R.T. -0.01 min

Lab File: BF096508.D

Acq: 6 Jul 2017 3:19

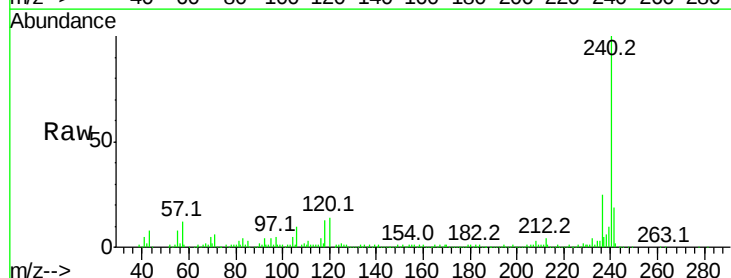
Tgt Ion:240 Resp: 226071

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

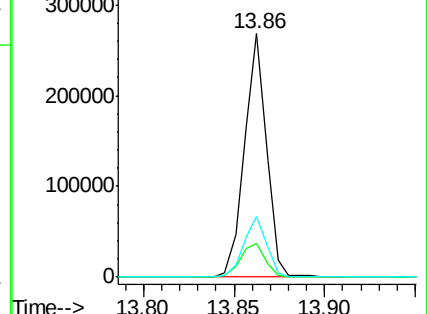
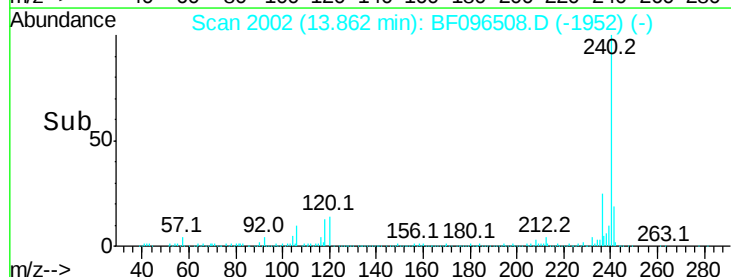
236 24.8 20.5 30.7

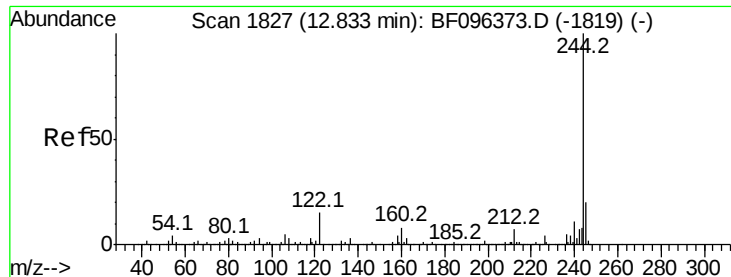


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 46.44 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096508.D

Acq: 6 Jul 2017 3:19

Instrument :

BNA_F

ClientSampleId :

B10-4-6

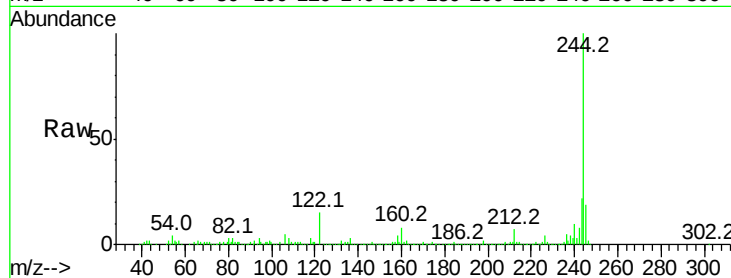
Tot Ion:244 Resp: 491366

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

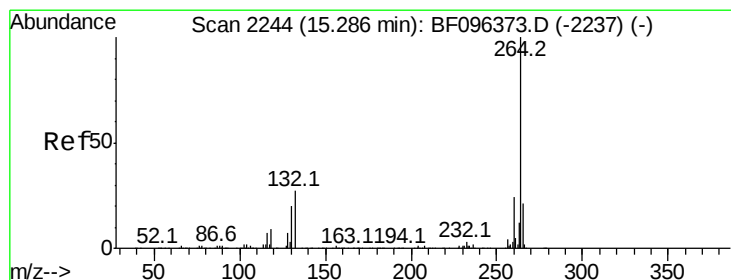
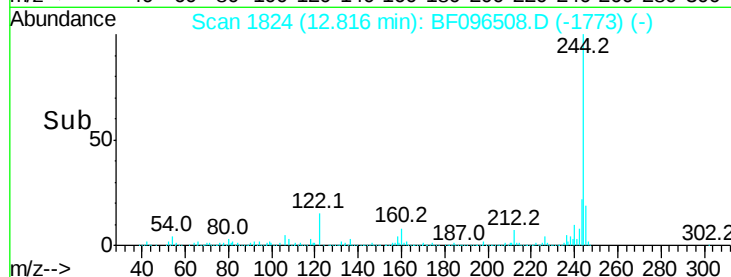
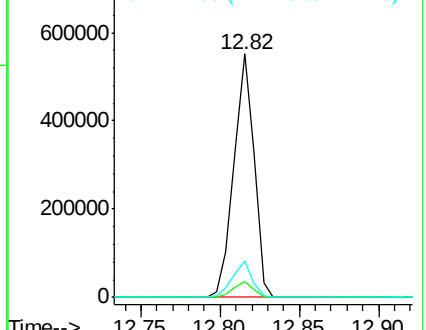
122 15.0 10.3 15.5



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: 20.00 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF096508.D

Acq: 6 Jul 2017 3:19

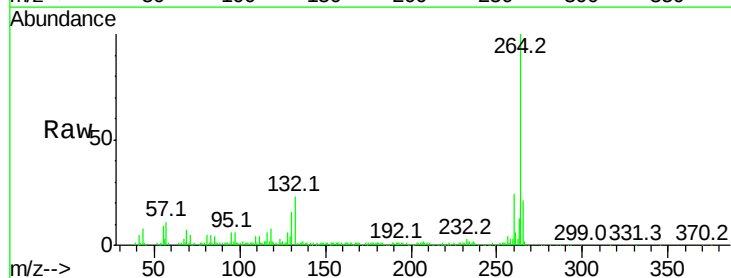
Tgt Ion:264 Resp: 139229

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.5 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

