

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096518.D
 Acq On : 6 Jul 2017 7:56
 Operator : SJ/MA
 Sample : I3975-10 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B8-4-6

Quant Time: Jul 06 09:00:51 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

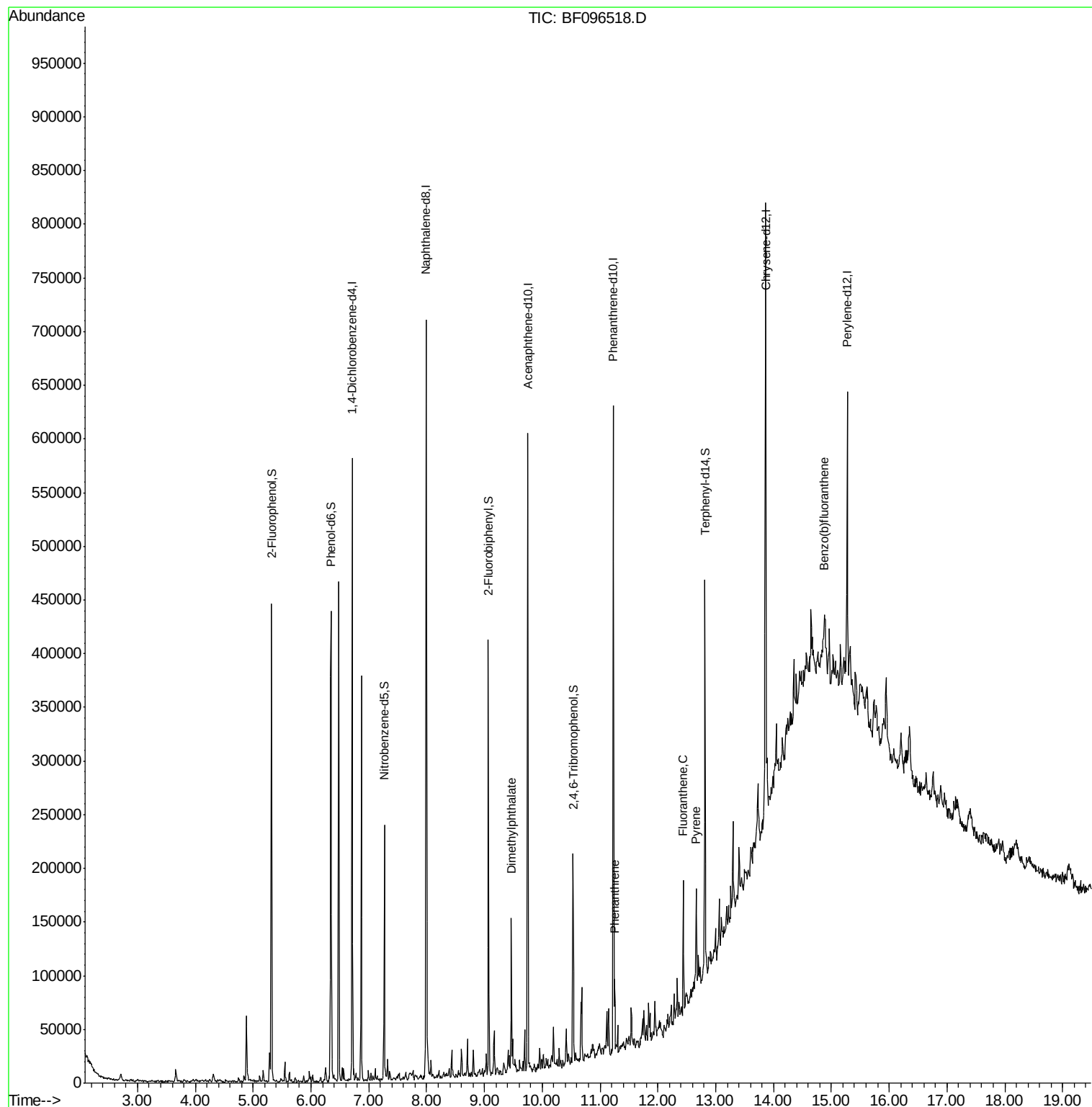
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	86174	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	307970	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	114986	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	204019	20.00	ng	0.00
75) Chrysene-d12	13.86	240	178883	20.00	ng	0.00
86) Perylene-d12	15.27	264	119000	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	119580	20.48	ng	0.00
7) Phenol-d6	6.35	99	138232	19.26	ng	-0.01
23) Nitrobenzene-d5	7.27	82	65697	12.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	19507	21.72	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	126448	18.80	ng	-0.01
78) Terphenyl-d14	12.81	244	106476	12.72	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	52525	6.12	ng	Qvalue # 98
70) Phenanthrene	11.25	178	22537	2.04	ng	97
74) Fluoranthene	12.44	202	41686	3.86	ng	98
77) Pyrene	12.66	202	37507	2.61	ng	99
87) Benzo(b)fluoranthene	14.87	252	18049m	2.42	ng	

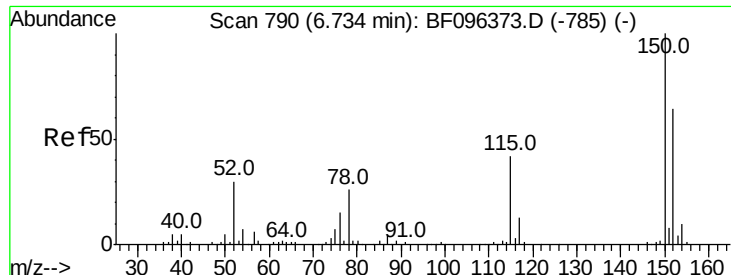
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF096518.D

Acq: 6 Jul 2017 7:56

Instrument :

BNA_F

ClientSampleId :

B8-4-6

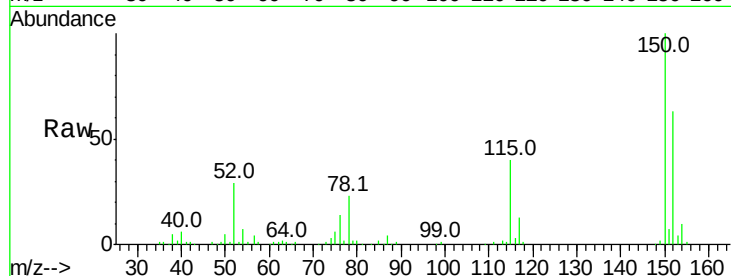
Tot Ion:152 Resp: 86174

Ion Ratio Lower Upper

152 100

150 158.4 126.2 189.2

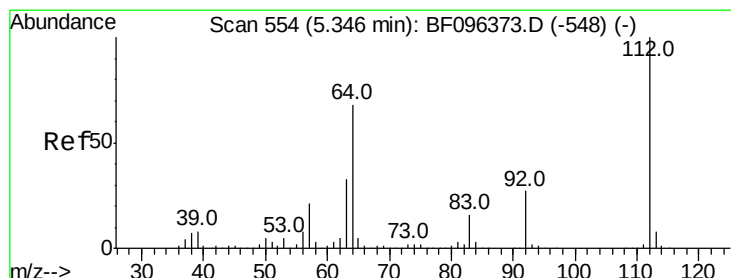
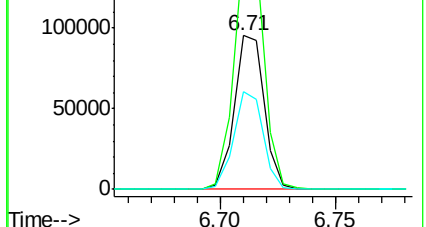
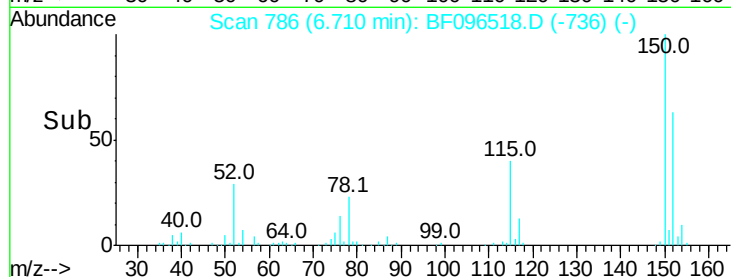
115 63.2 52.2 78.2



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: 20.48 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF096518.D

Acq: 6 Jul 2017 7:56

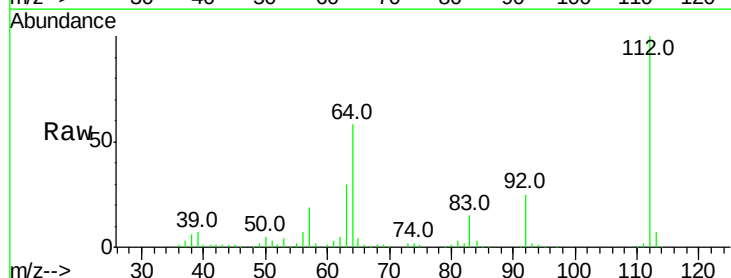
Tgt Ion:112 Resp: 119580

Ion Ratio Lower Upper

112 100

64 58.0 46.0 69.0

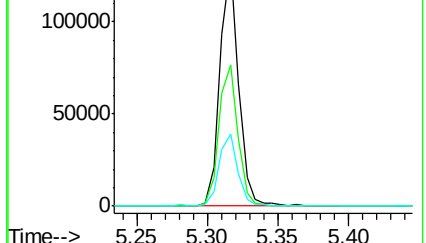
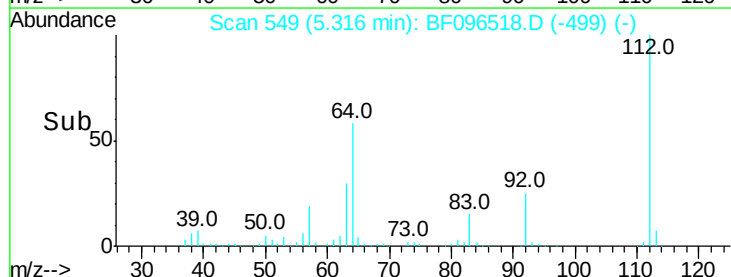
63 29.6 23.4 35.0

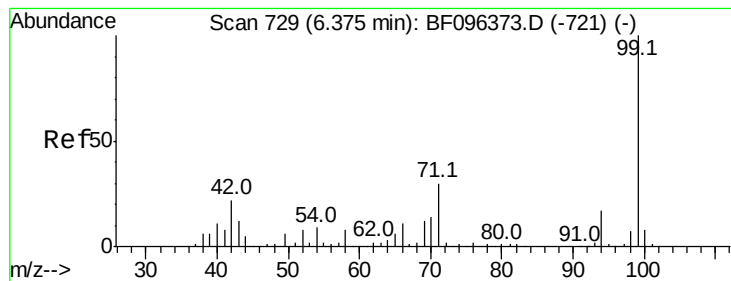


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 19.26 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096518.D

Acq: 6 Jul 2017 7:56

Instrument :

BNA_F

ClientSampleId :

B8-4-6

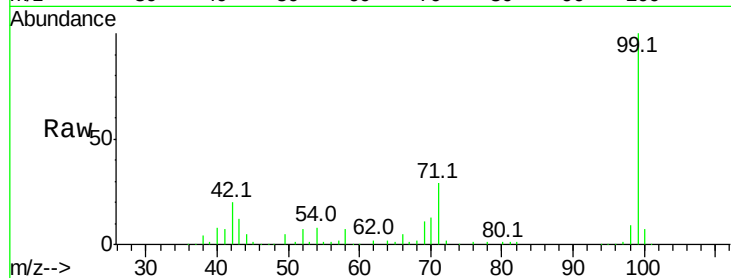
Tot Ion: 99 Resp: 138232

Ion Ratio Lower Upper

99 100

42 20.2 13.5 20.3

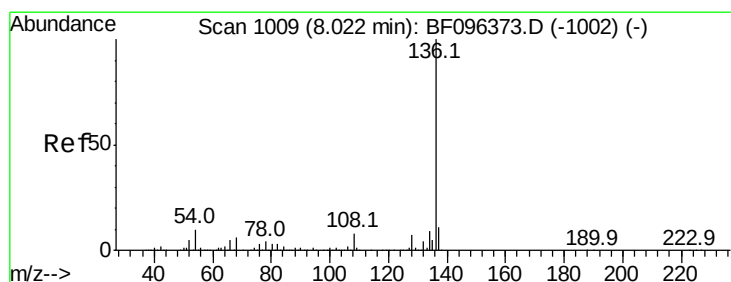
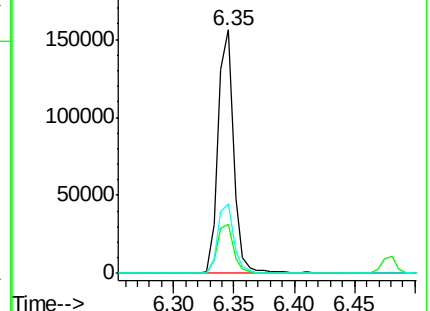
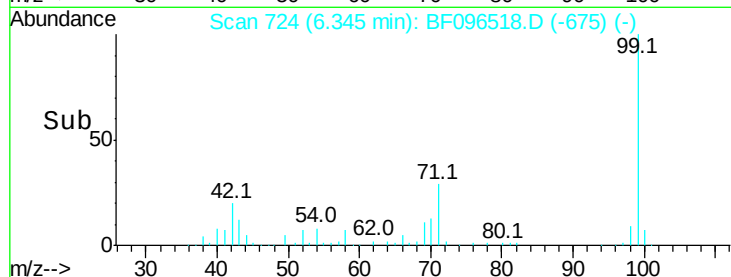
71 28.5 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096518.D

Acq: 6 Jul 2017 7:56

Tgt Ion: 136 Resp: 307970

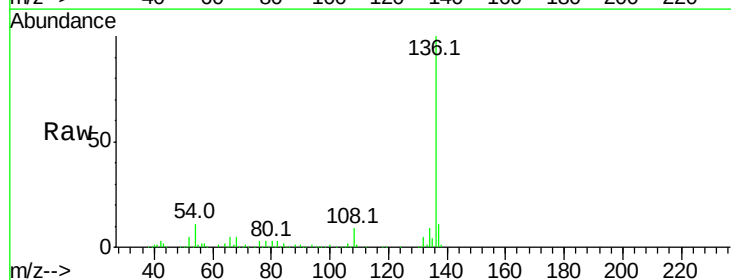
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 10.6 4.9 7.3#

68 4.9 4.1 6.1

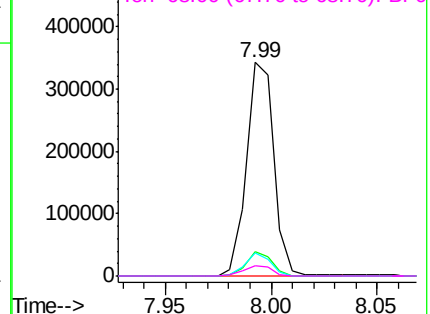
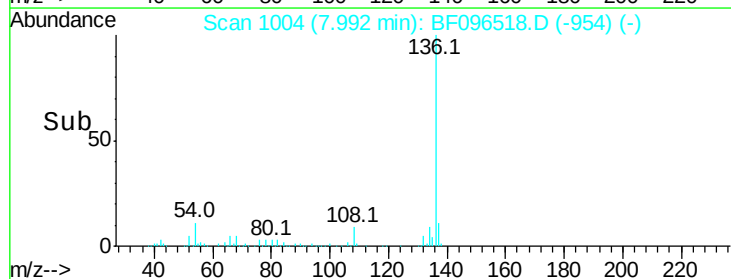


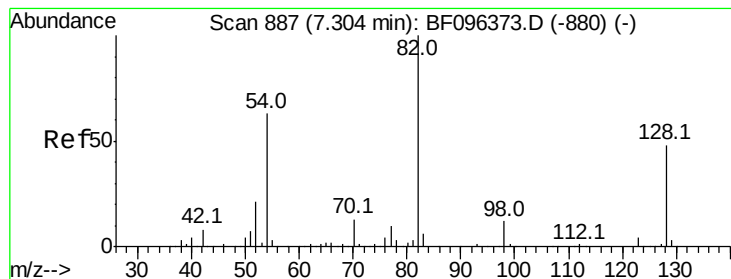
Abundance Ion 136.00 (135.70 to 136.70): E

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: 12.82 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF096518.D

Acq: 6 Jul 2017 7:56

Instrument :

BNA_F

ClientSampled :

B8-4-6

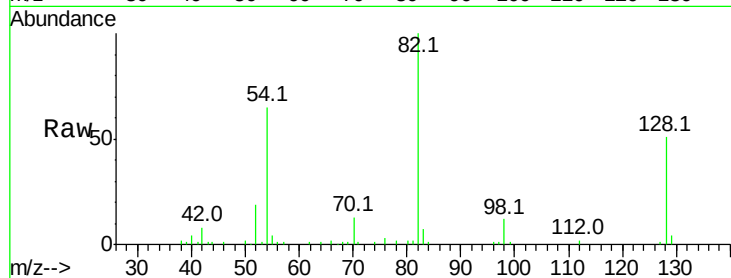
Tot Ion: 82 Resp: 65697

Ion Ratio Lower Upper

82 100

128 50.5 34.0 51.0

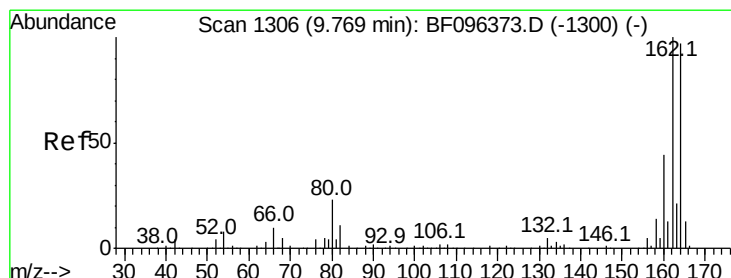
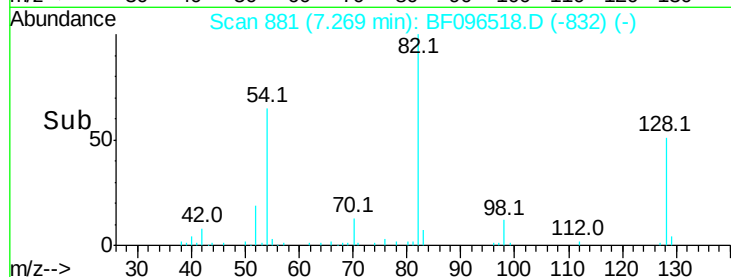
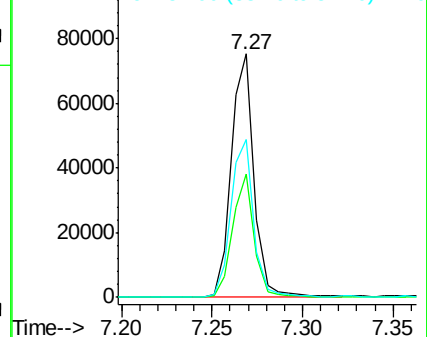
54 64.8 42.2 63.2#



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: 20.00 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF096518.D

Acq: 6 Jul 2017 7:56

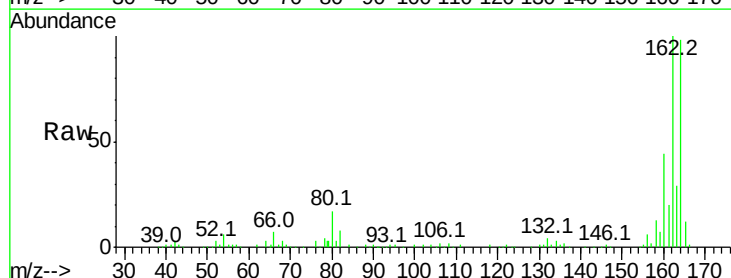
Tgt Ion: 164 Resp: 114986

Ion Ratio Lower Upper

164 100

162 101.6 82.6 123.8

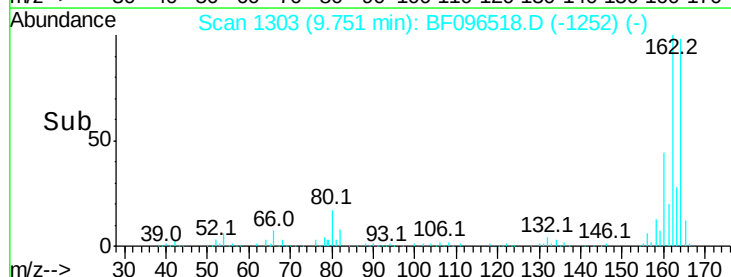
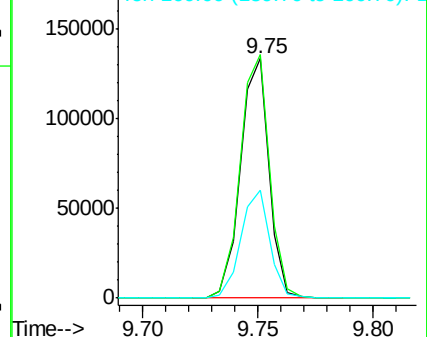
160 44.8 36.2 54.2

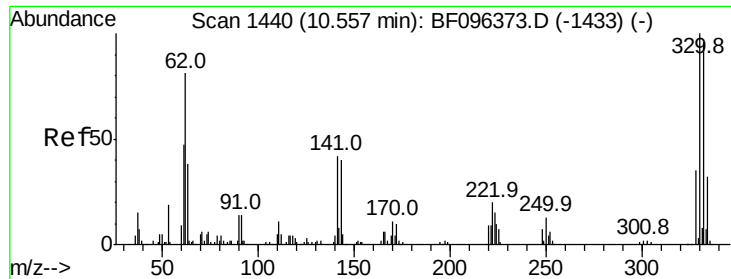


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

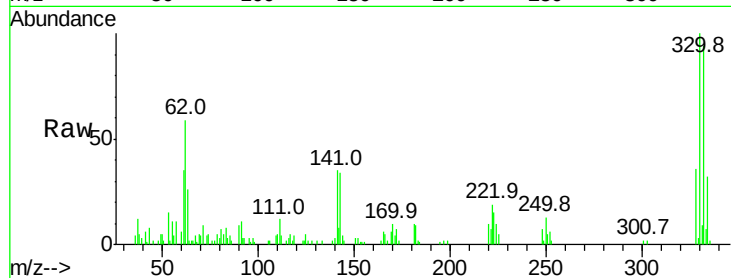




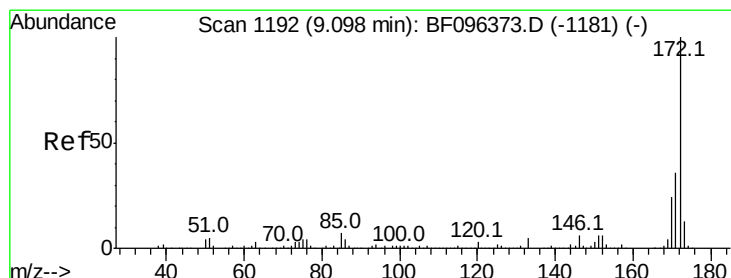
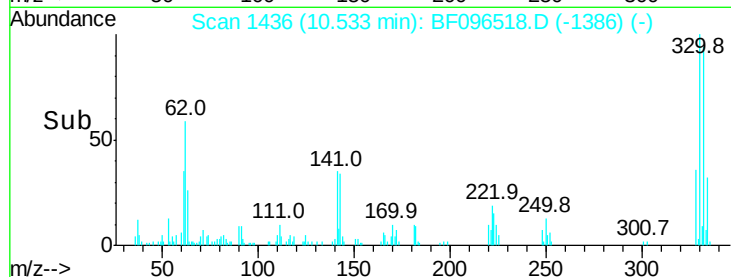
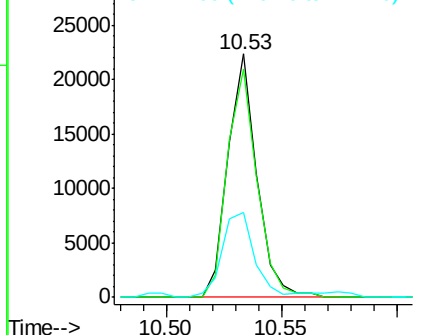
#41
 2,4,6-Tribromophenol
 Concen: 21.72 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096518.D
 Acq: 6 Jul 2017 7:56

Instrument :
 BNA_F
 ClientSampleId :
 B8-4-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	40.5	31.4	47.2

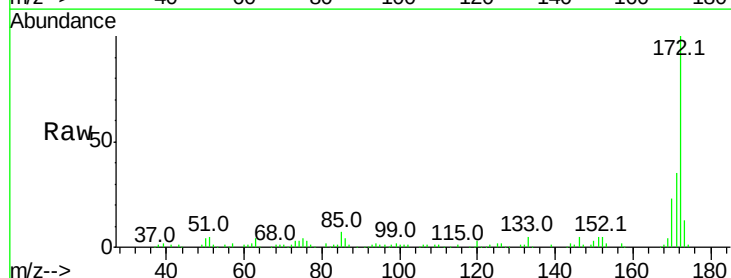


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

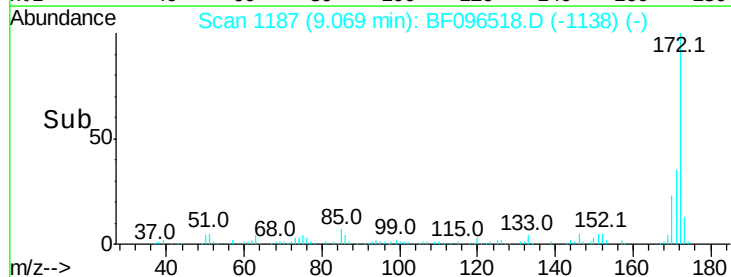
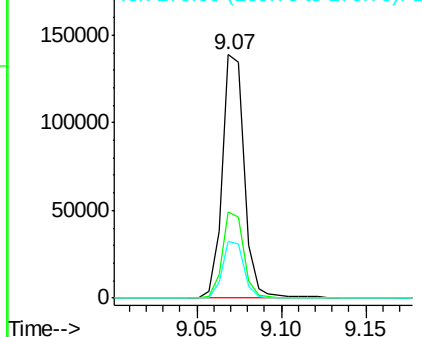


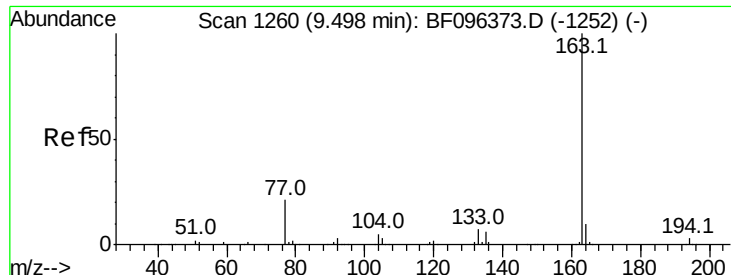
#44
 2-Fluorobiphenyl
 Concen: 18.80 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF096518.D
 Acq: 6 Jul 2017 7:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.3	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

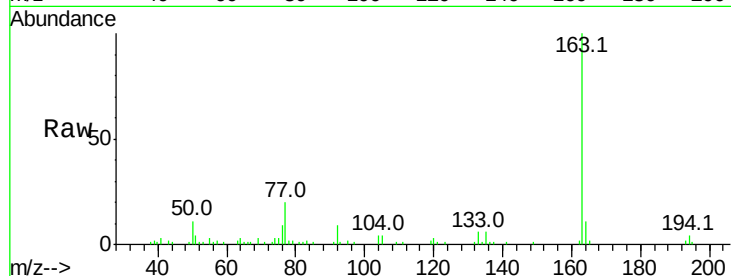




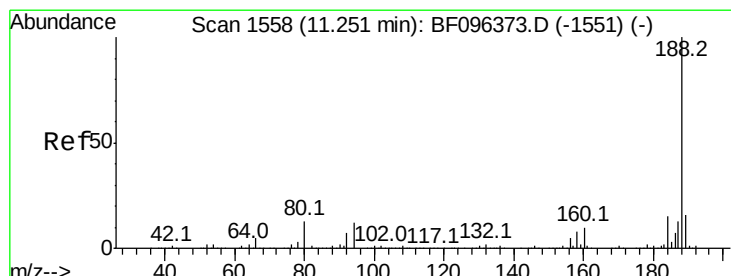
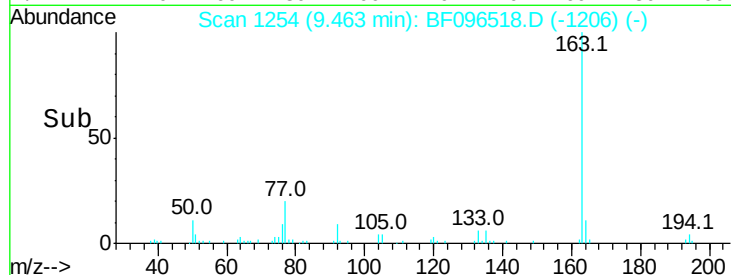
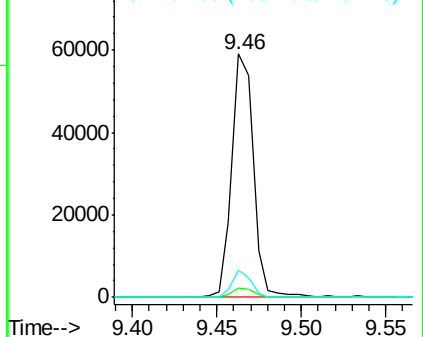
#49
Dimethylphthalate
Concen: 6.12 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF096518.D
Acq: 6 Jul 2017 7:56

Instrument :
BNA_F
ClientSampleId :
B8-4-6

Tot Ion:163 Resp: 52525
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 11.3 8.4 12.6

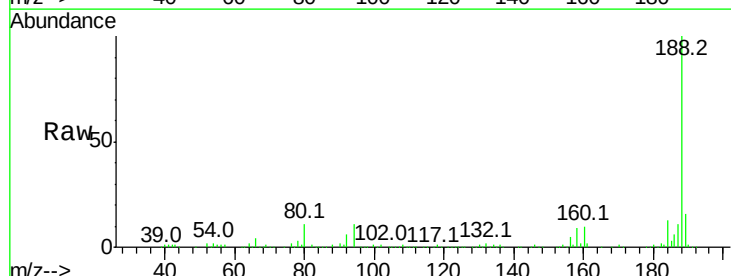


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

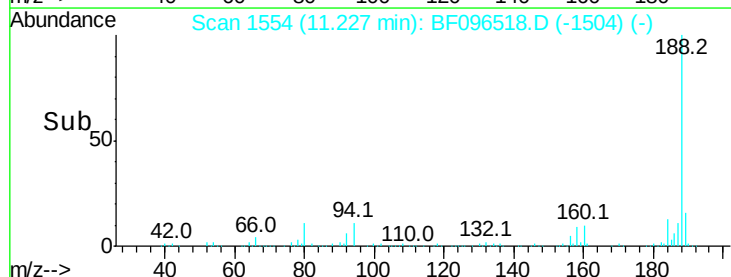
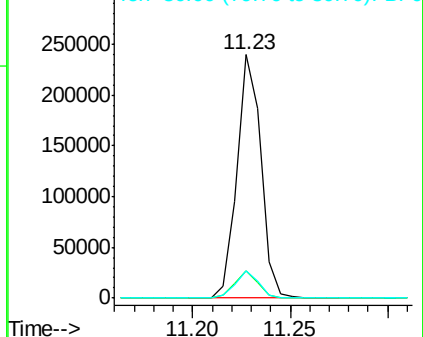


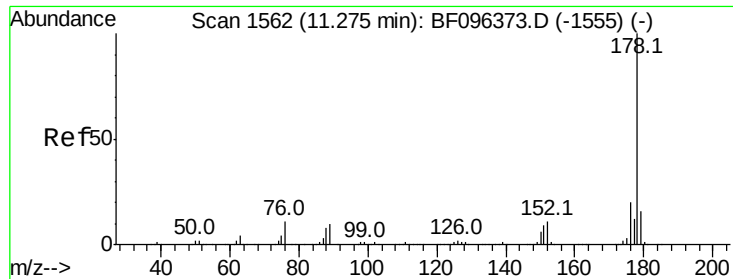
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096518.D
Acq: 6 Jul 2017 7:56

Tgt Ion:188 Resp: 204019
Ion Ratio Lower Upper
188 100
94 11.3 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: 2.04 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF096518.D

Acq: 6 Jul 2017 7:56

Instrument :

BNA_F

ClientSampled :

B8-4-6

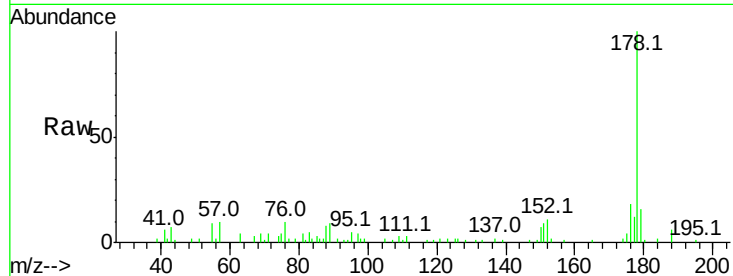
Tot Ion:178 Resp: 22537

Ion Ratio Lower Upper

178 100

176 18.2 16.2 24.4

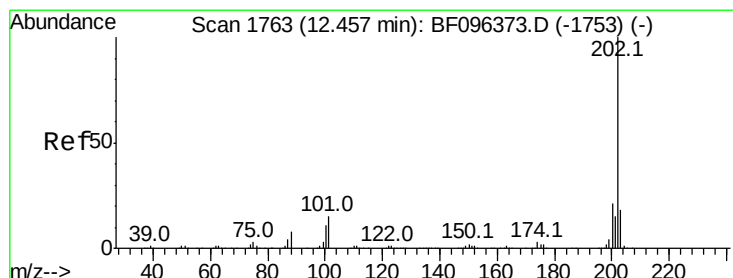
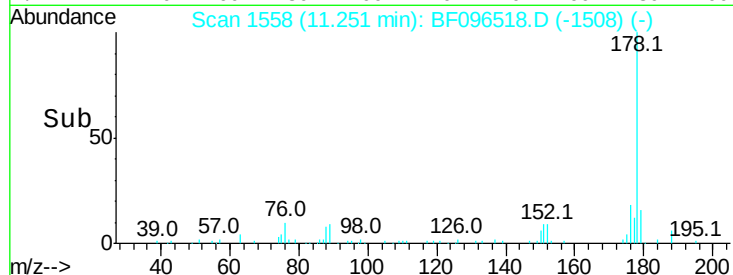
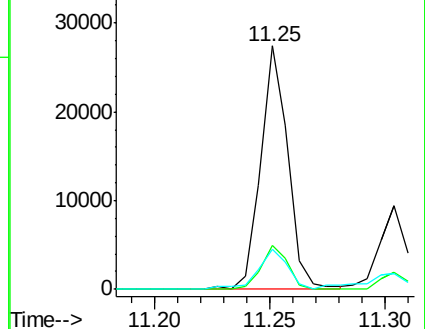
179 16.3 12.6 19.0



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: 3.86 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.00 min

Lab File: BF096518.D

Acq: 6 Jul 2017 7:56

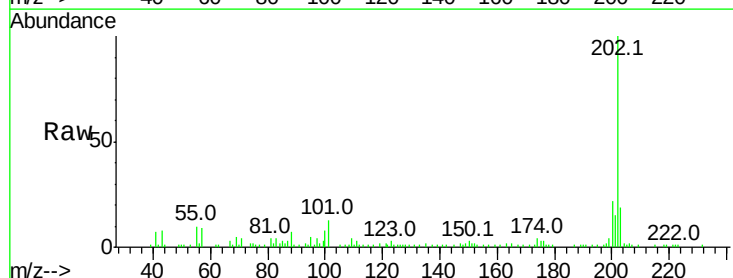
Tgt Ion:202 Resp: 41686

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

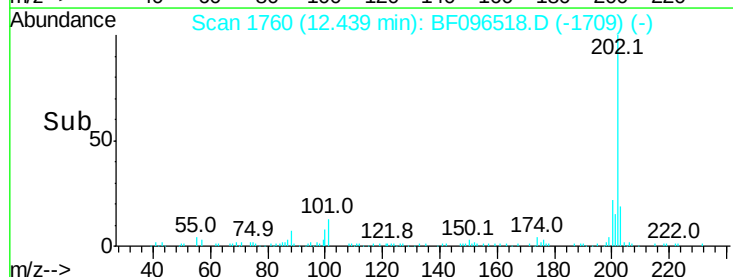
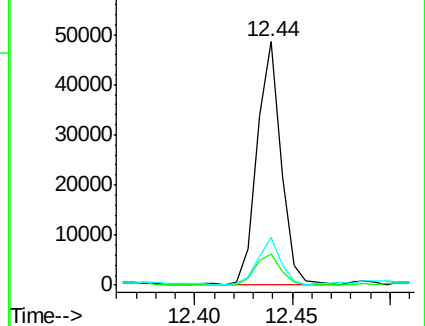
203 19.4 0.0 38.1

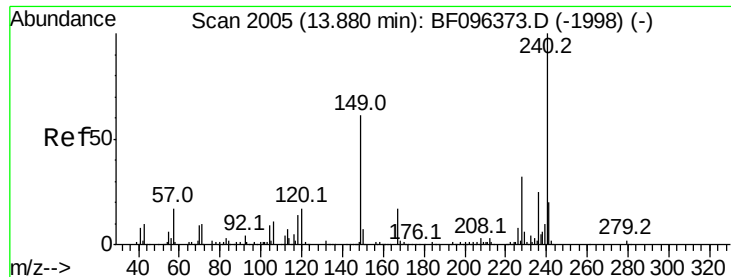


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF096518.D

Acq: 6 Jul 2017 7:56

Instrument :

BNA_F

ClientSampled :

B8-4-6

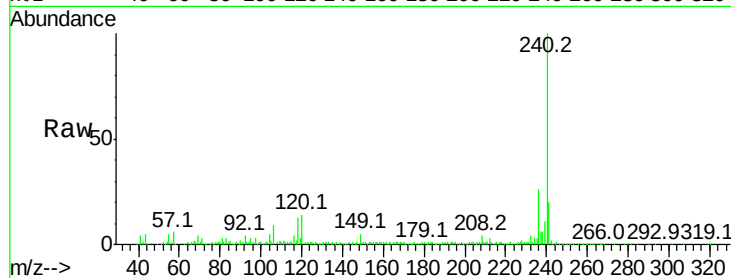
Tot Ion:240 Resp: 178883

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

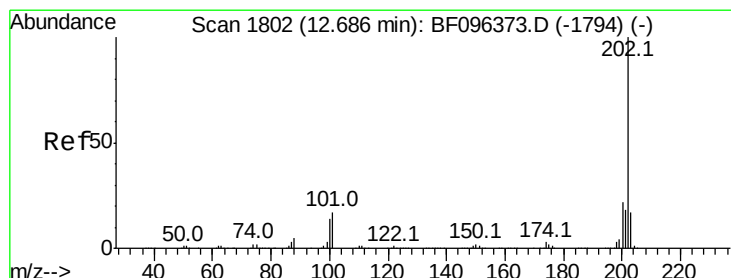
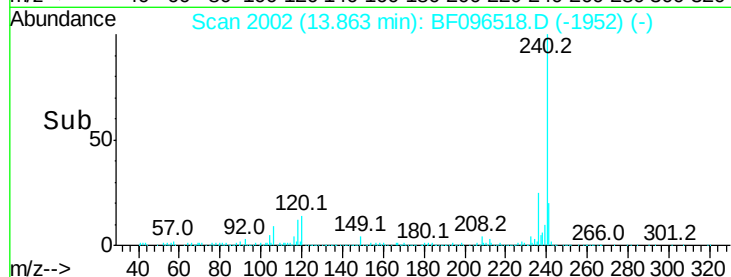
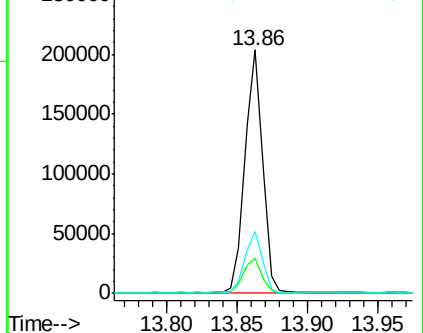
236 25.6 20.5 30.7



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

Pyrene

Concen: 2.61 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF096518.D

Acq: 6 Jul 2017 7:56

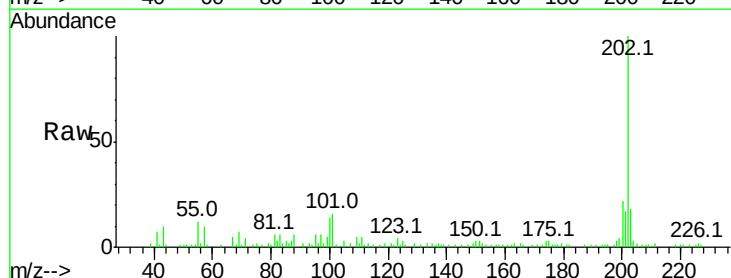
Tgt Ion:202 Resp: 37507

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

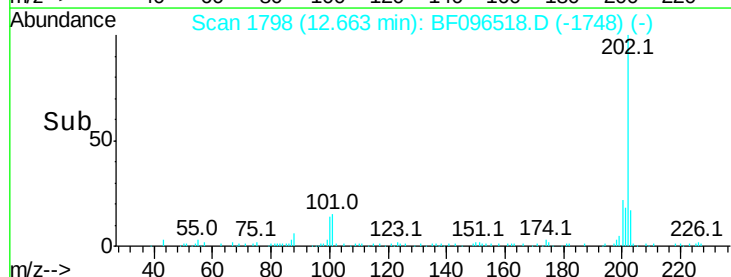
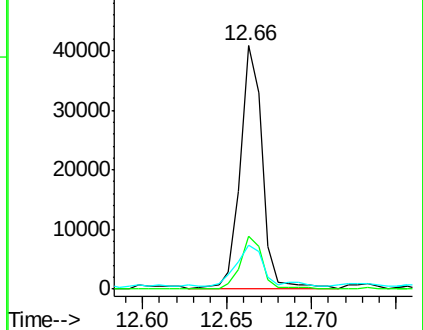
203 17.9 14.4 21.6

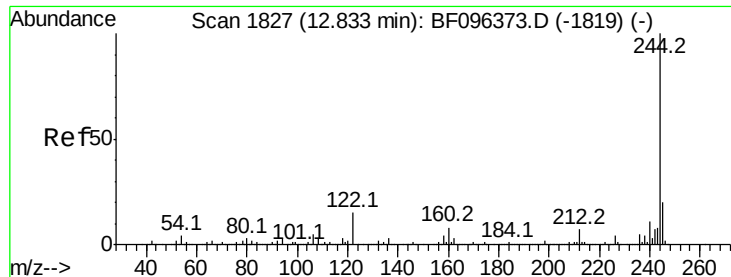


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 12.72 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF096518.D

Acq: 6 Jul 2017 7:56

Instrument :

BNA_F

ClientSampleId :

B8-4-6

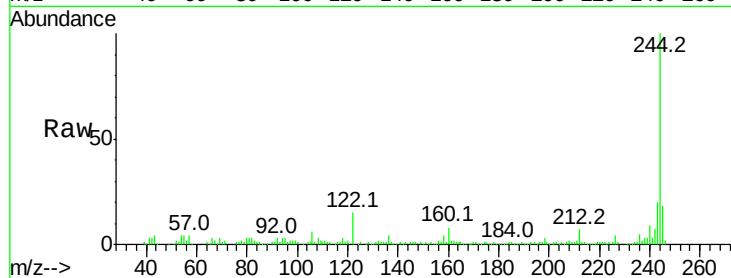
Tot Ion:244 Resp: 106476

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

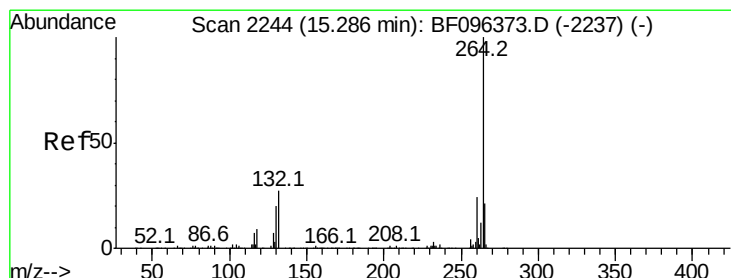
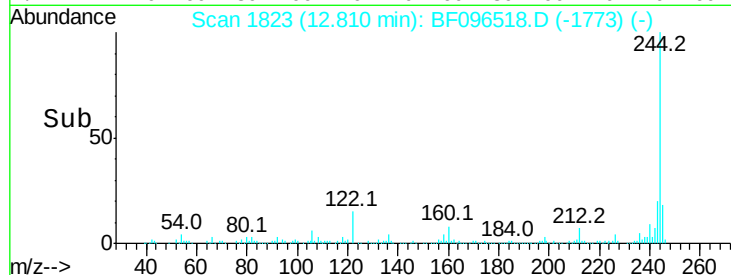
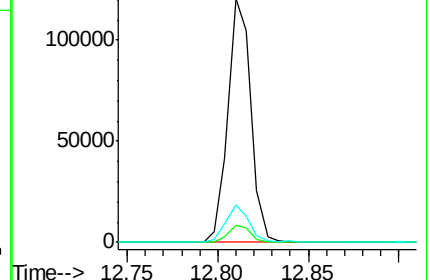
122 15.3 10.3 15.5



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: BF096518.D

Acq: 6 Jul 2017 7:56

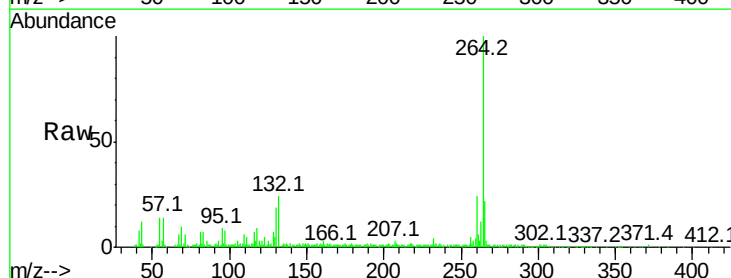
Tgt Ion:264 Resp: 119000

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

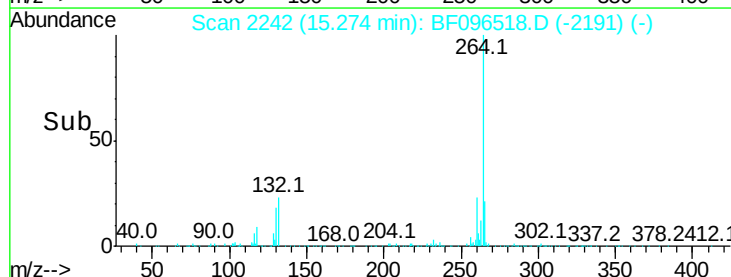
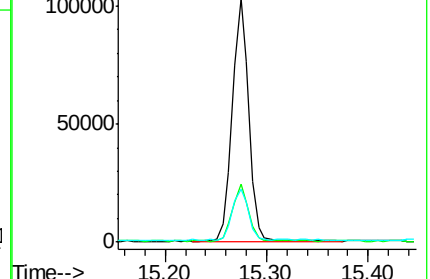
265 21.8 17.2 25.8

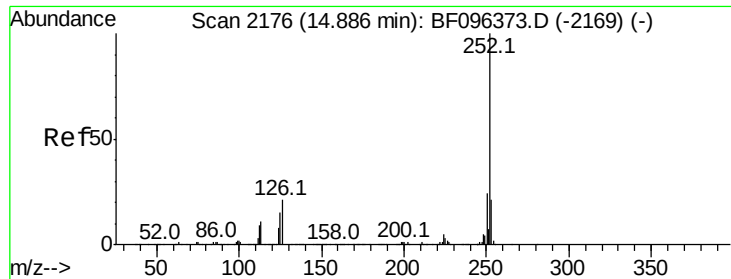


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87
Benzo(b)fluoranthene
Concen: 2.42 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF096518.D
Acq: 6 Jul 2017 7:56

Instrument :
BNA_F
ClientSampleId :
B8-4-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.1	27.1
125	36.0	9.8	14.8#

