

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096516.D
 Acq On : 6 Jul 2017 7:01
 Operator : SJ/MA
 Sample : I3975-08 2X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B8-0-2

Quant Time: Jul 06 15:04:59 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

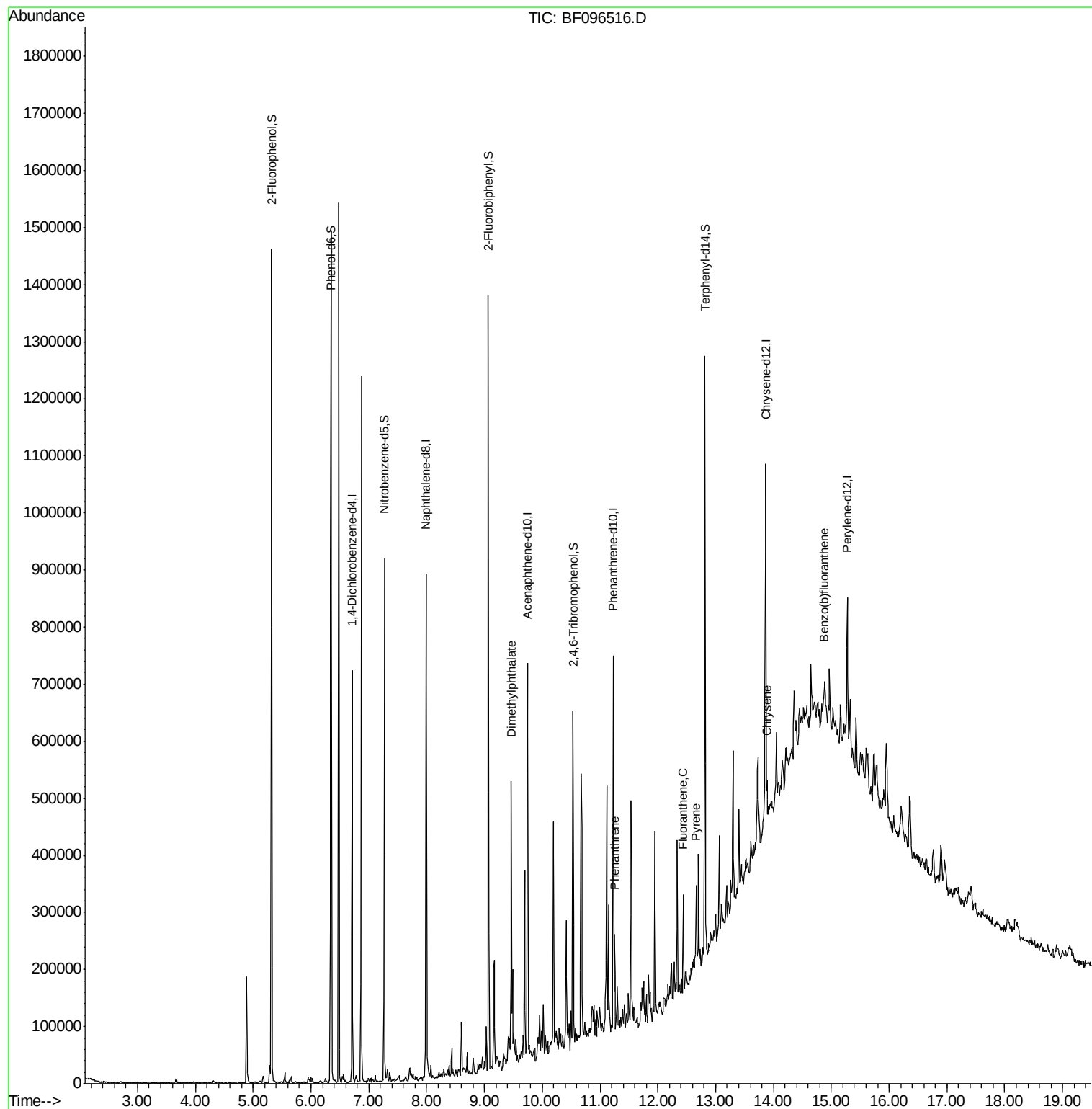
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	102471	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	367875	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	133293	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	212961	20.00	ng	0.00
75) Chrysene-d12	13.86	240	188637	20.00	ng	0.00
86) Perylene-d12	15.27	264	122752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	386827	55.72	ng	0.00
7) Phenol-d6	6.35	99	449202	52.63	ng	-0.01
23) Nitrobenzene-d5	7.27	82	233872	38.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	57225	54.96	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	419572	53.82	ng	-0.01
78) Terphenyl-d14	12.82	244	324562	36.77	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	179095	18.00	ng	98
70) Phenanthrene	11.25	178	51660	4.49	ng	99
74) Fluoranthene	12.44	202	63860	5.66	ng	97
77) Pyrene	12.66	202	60881	4.02	ng	98
82) Chrysene	13.89	228	26242m	2.29	ng	
87) Benzo(b)fluoranthene	14.87	252	22378m	2.91	ng	

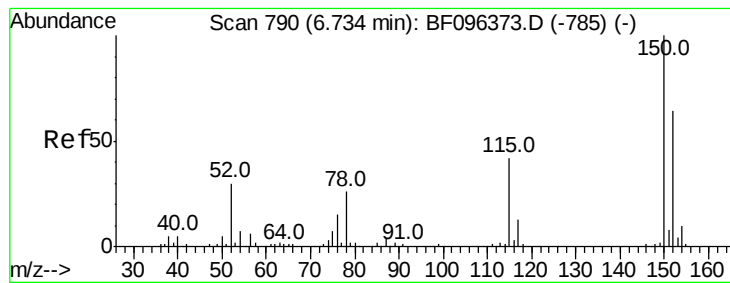
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF096516.D

Acq: 6 Jul 2017 7:01

Instrument :

BNA_F

ClientSampleId :

B8-0-2

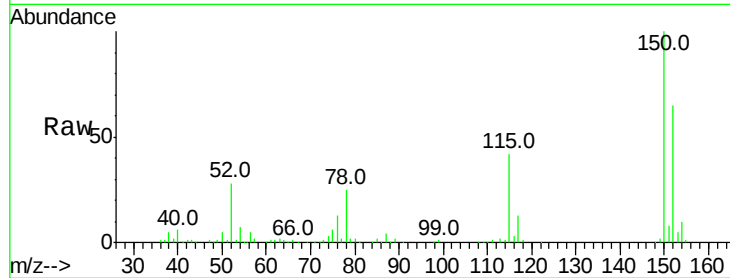
Tot Ion:152 Resp: 102471

Ion Ratio Lower Upper

152 100

150 153.2 126.2 189.2

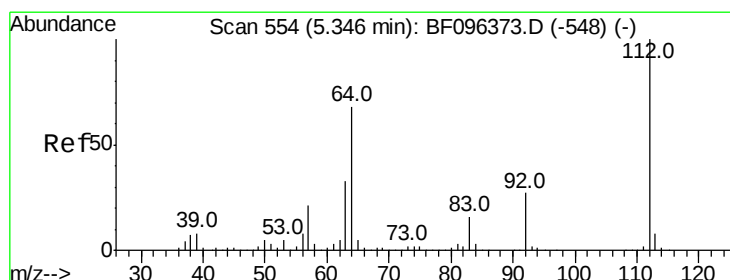
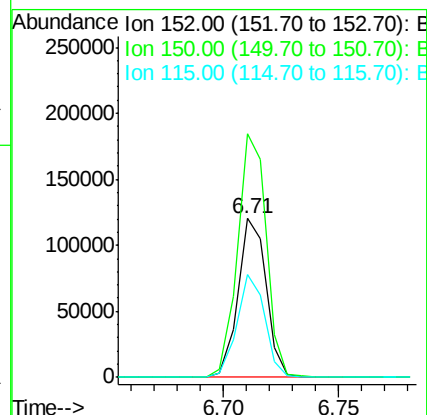
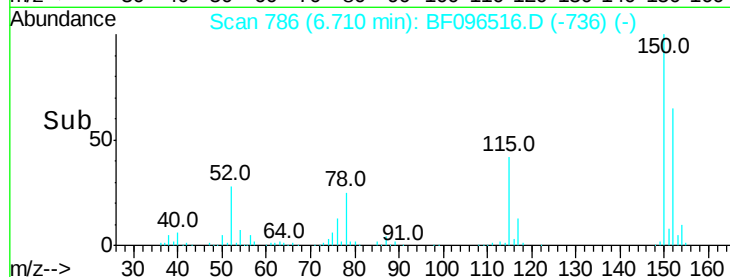
115 64.5 52.2 78.2



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: 55.72 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF096516.D

Acq: 6 Jul 2017 7:01

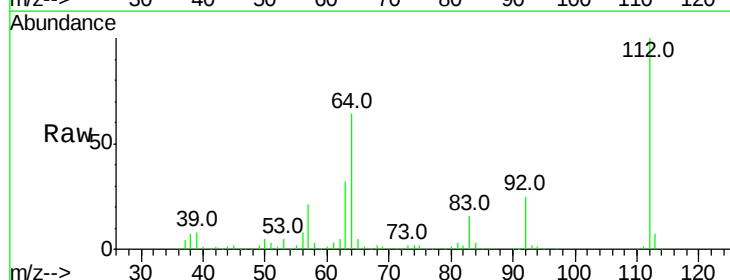
Tgt Ion:112 Resp: 386827

Ion Ratio Lower Upper

112 100

64 64.5 46.0 69.0

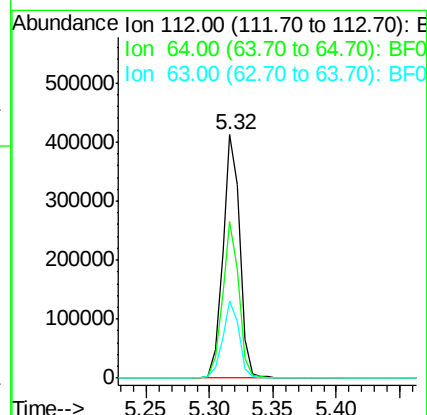
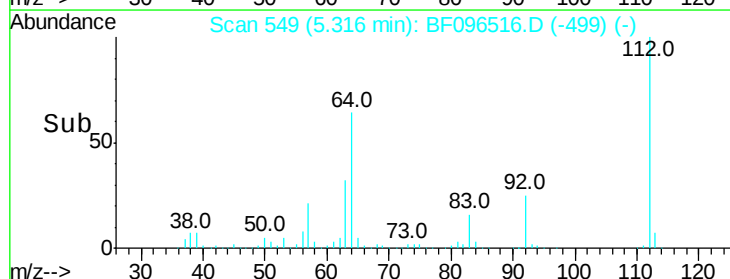
63 31.7 23.4 35.0

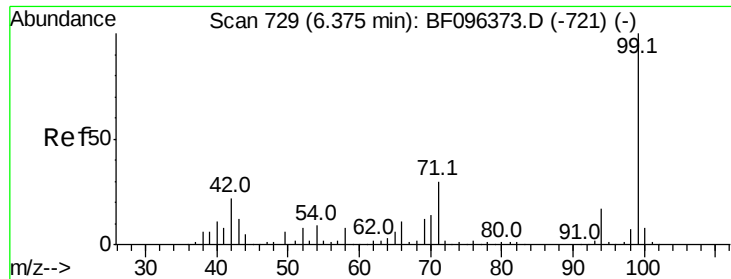


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 52.63 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096516.D

Acq: 6 Jul 2017 7:01

Instrument :

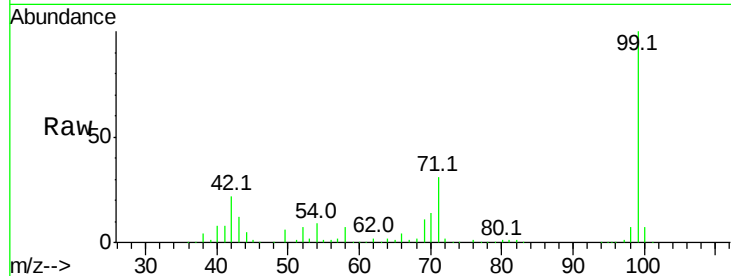
BNA_F

ClientSampleId :

B8-0-2

Tot Ion: 99 Resp: 449202

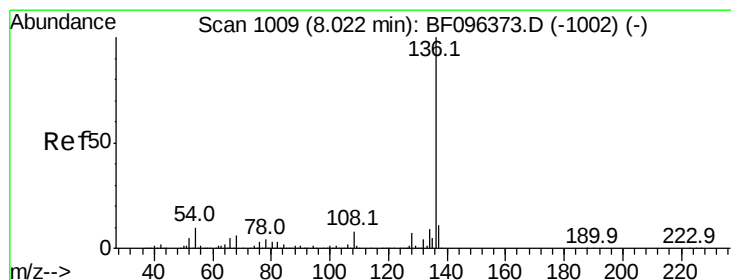
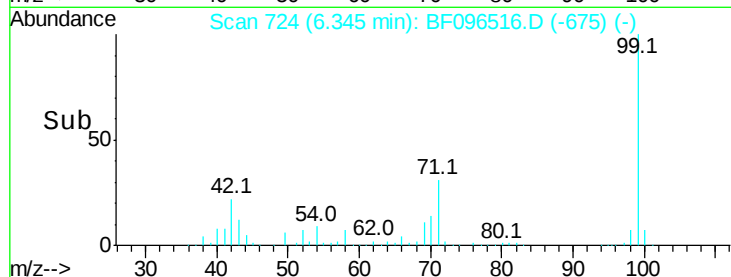
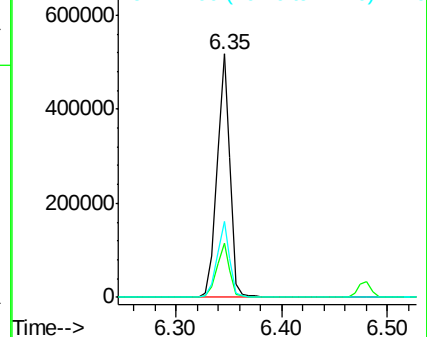
Ion	Ratio	Lower	Upper
99	100		
42	22.1	13.5	20.3#
71	31.1	24.5	36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 1004

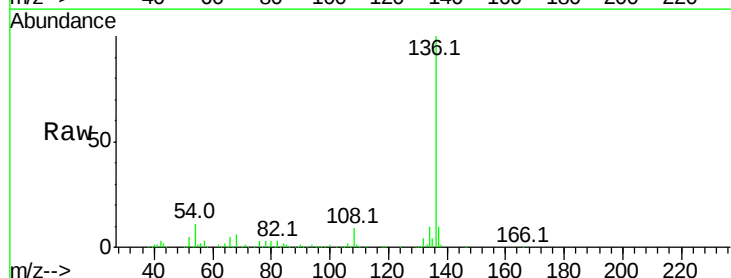
Delta R.T. -0.01 min

Lab File: BF096516.D

Acq: 6 Jul 2017 7:01

Tgt Ion: 136 Resp: 367875

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	10.5	4.9	7.3#
68	5.5	4.1	6.1

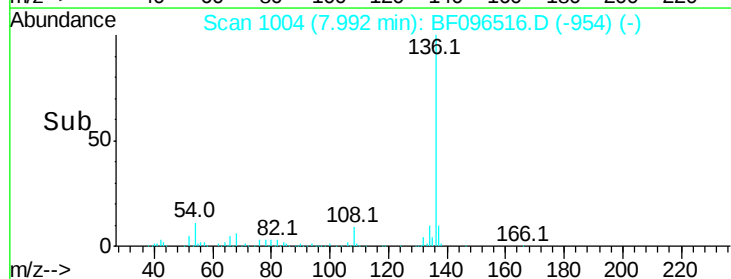
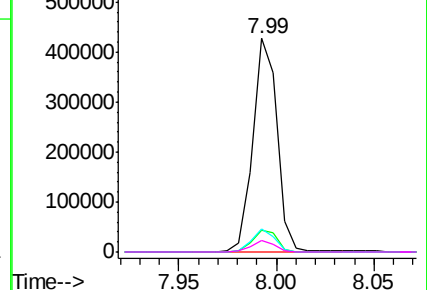


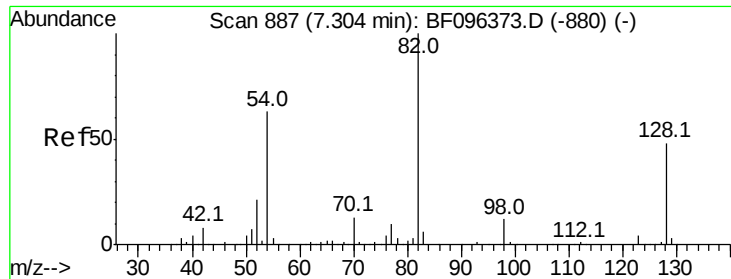
Abundance Ion 136.00 (135.70 to 136.70): E

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

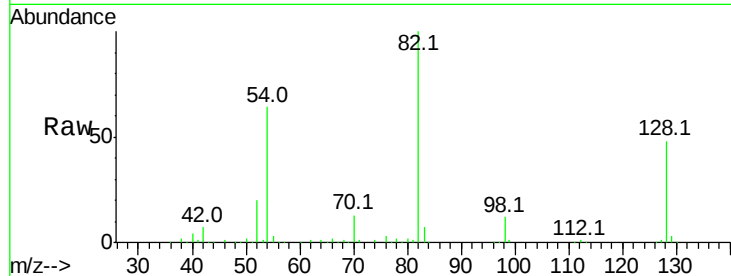




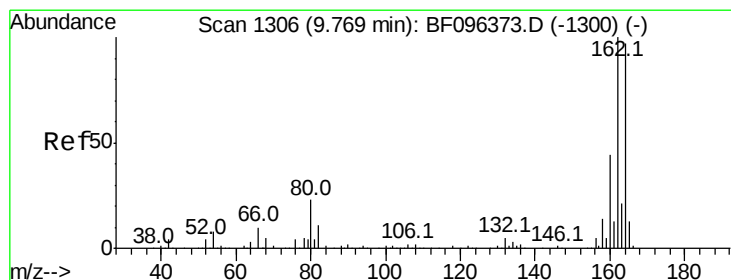
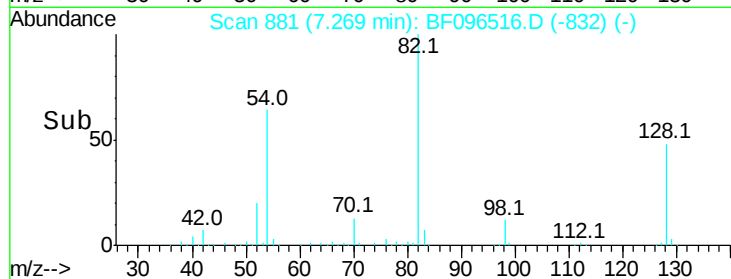
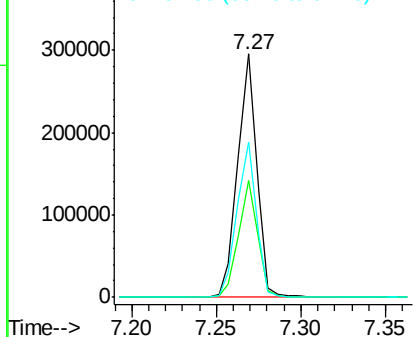
#23
 Nitrobenzene-d5
 Concen: 38.20 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF096516.D
 Acq: 6 Jul 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 B8-0-2

Tot Ion: 82 Resp: 233872
 Ion Ratio Lower Upper
 82 100
 128 48.2 34.0 51.0
 54 64.0 42.2 63.2#

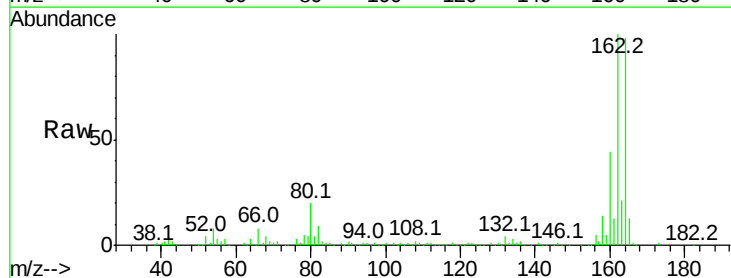


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

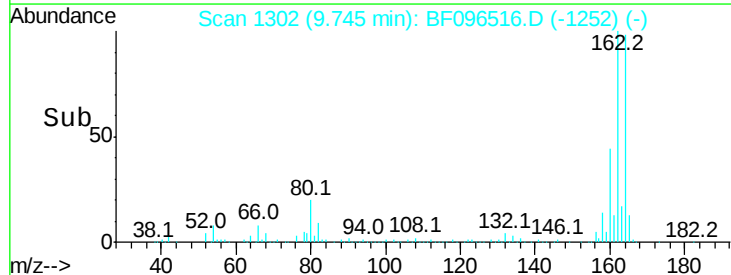
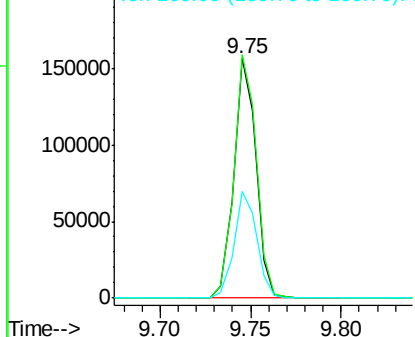


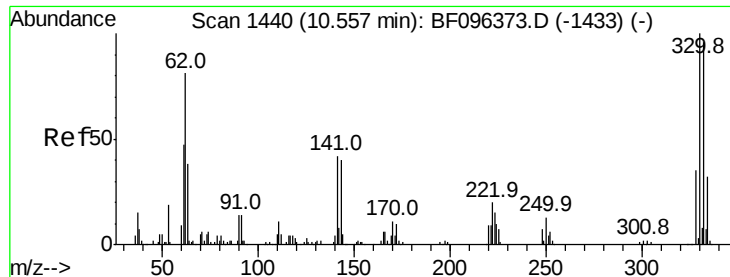
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF096516.D
 Acq: 6 Jul 2017 7:01

Tgt Ion:164 Resp: 133293
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.6 123.8
 160 44.4 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

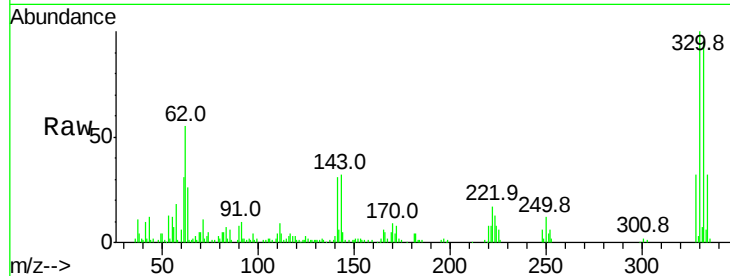




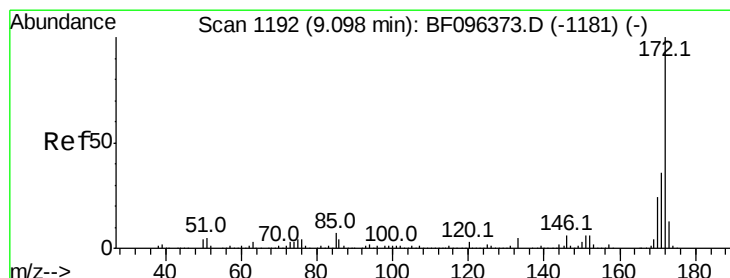
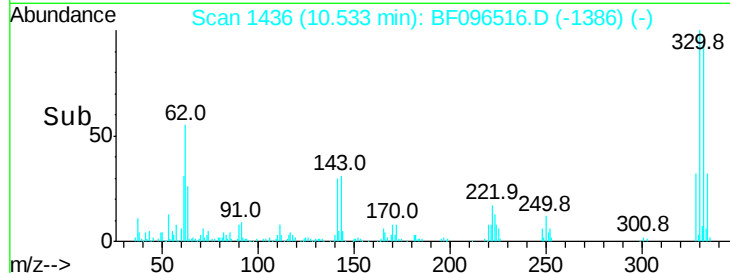
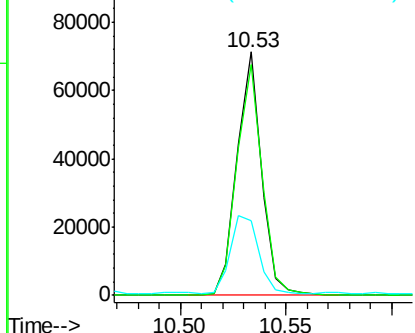
#41
 2,4,6-Tribromophenol
 Concen: 54.96 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096516.D
 Acq: 6 Jul 2017 7:01

Instrument :
 BNA_F
 ClientSampled :
 B8-0-2

Tot Ion:330 Resp: 57225
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 115.0
 141 36.6 31.4 47.2

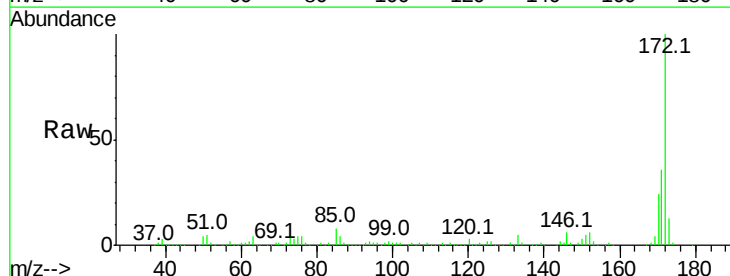


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

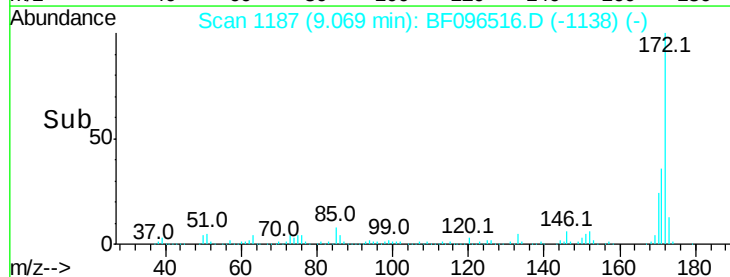
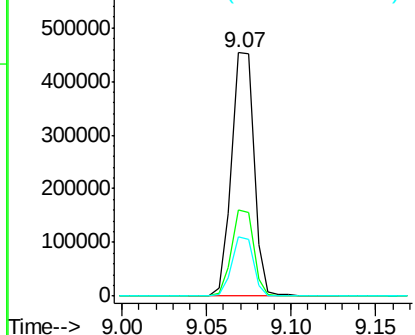


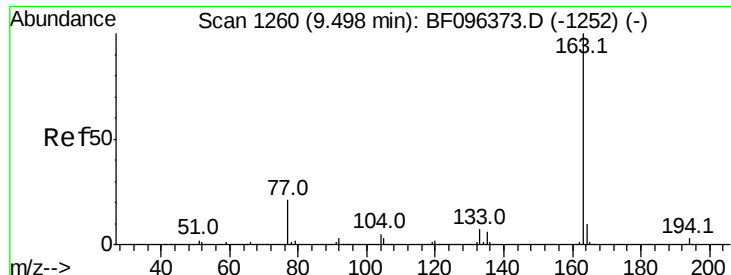
#44
 2-Fluorobiphenyl
 Concen: 53.82 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF096516.D
 Acq: 6 Jul 2017 7:01

Tgt Ion:172 Resp: 419572
 Ion Ratio Lower Upper
 172 100
 171 35.5 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

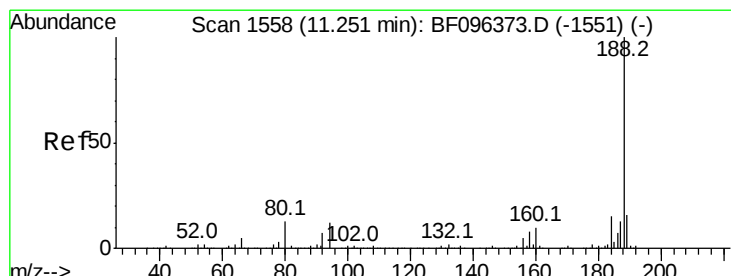
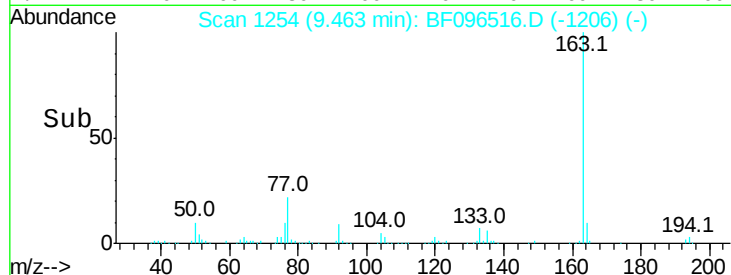
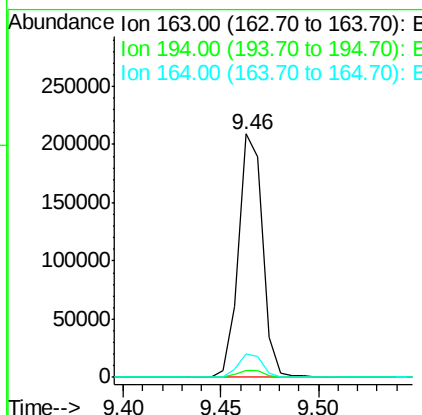
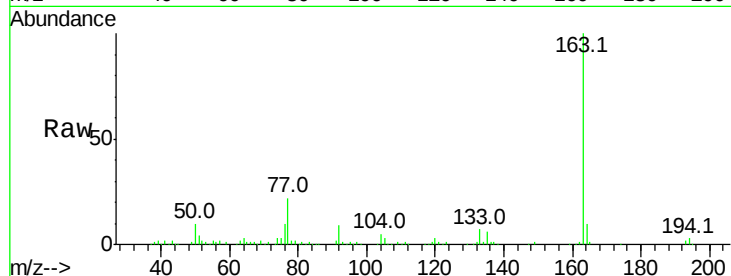




#49
Dimethylphthalate
Concen: 18.00 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF096516.D
Acq: 6 Jul 2017 7:01

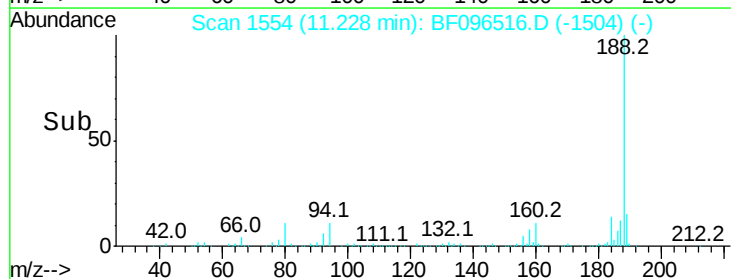
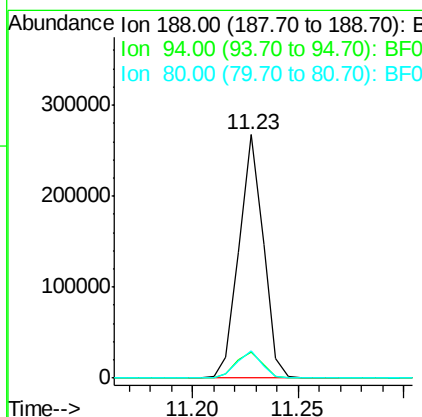
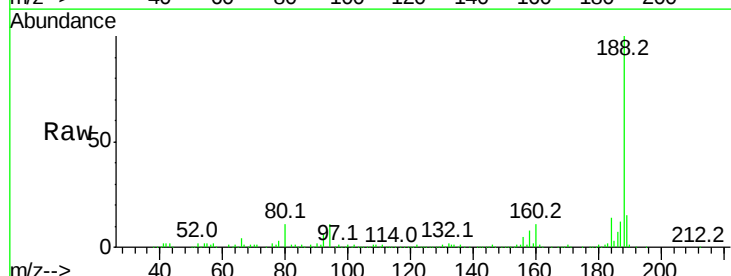
Instrument :
BNA_F
ClientSampled :
B8-0-2

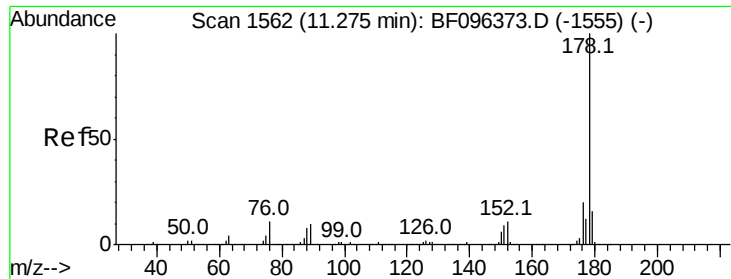
Tot Ion:163 Resp: 179095
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.7 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096516.D
Acq: 6 Jul 2017 7:01

Tgt Ion:188 Resp: 212961
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.2 10.2 15.2





#70

Phenanthrene

Concen: 4.49 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF096516.D

Acq: 6 Jul 2017 7:01

Instrument :

BNA_F

ClientSampleId :

B8-0-2

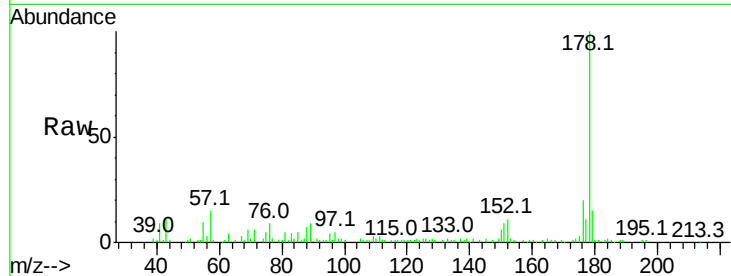
Tot Ion:178 Resp: 51660

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

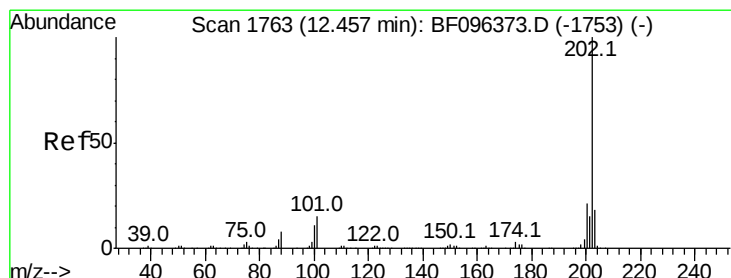
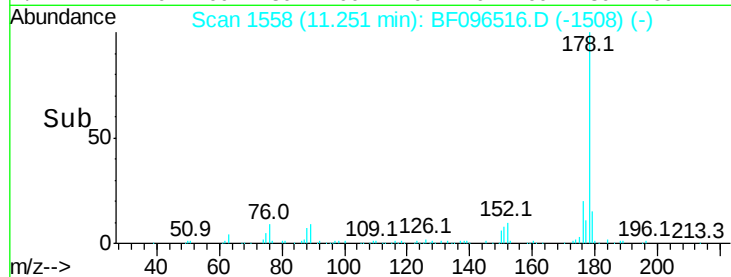
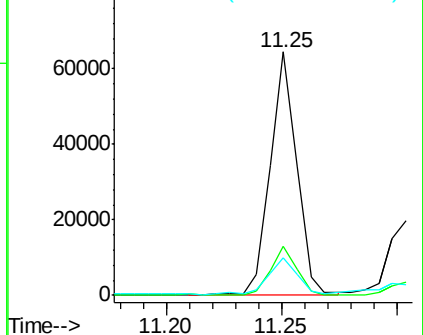
179 15.2 12.6 19.0



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: 5.66 ng

RT: 12.44 min Scan# 1760

Delta R.T. 0.00 min

Lab File: BF096516.D

Acq: 6 Jul 2017 7:01

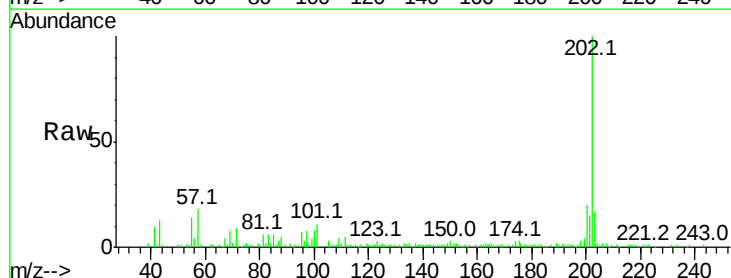
Tgt Ion:202 Resp: 63860

Ion Ratio Lower Upper

202 100

101 11.2 0.0 33.2

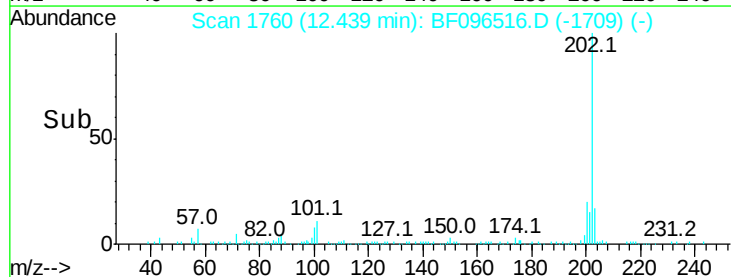
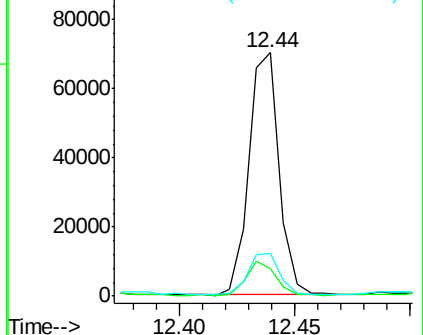
203 17.5 0.0 38.1

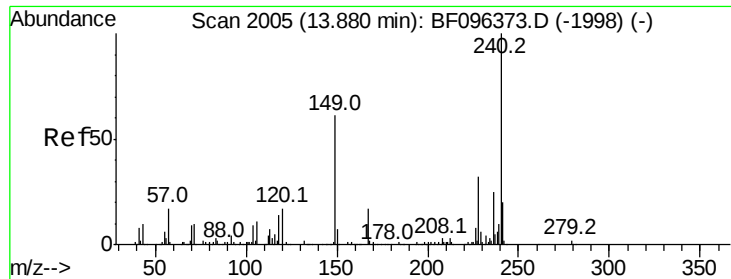


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF096516.D

Acq: 6 Jul 2017 7:01

Instrument :

BNA_F

ClientSampled :

B8-0-2

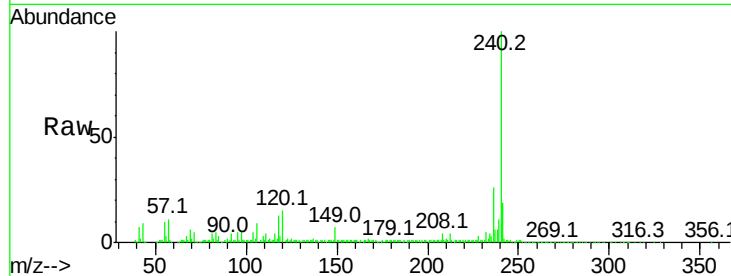
Tot Ion:240 Resp: 188637

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

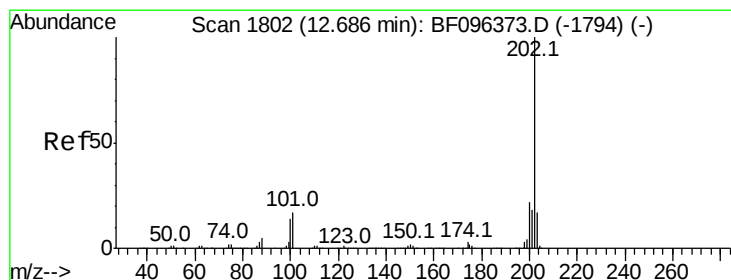
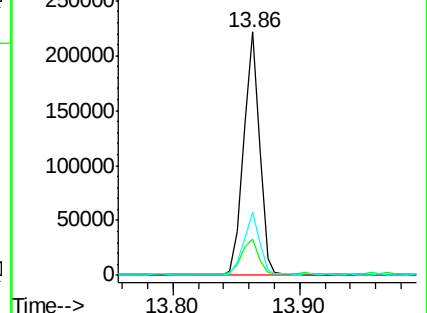
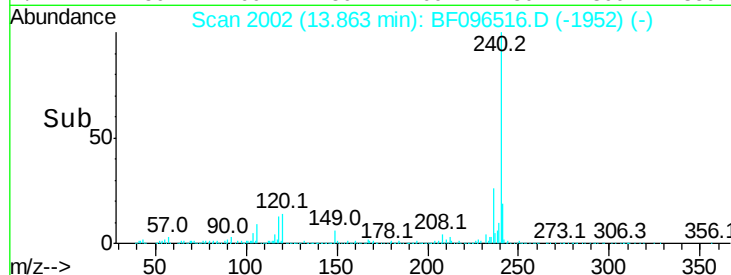
236 26.1 20.5 30.7



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: 4.02 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF096516.D

Acq: 6 Jul 2017 7:01

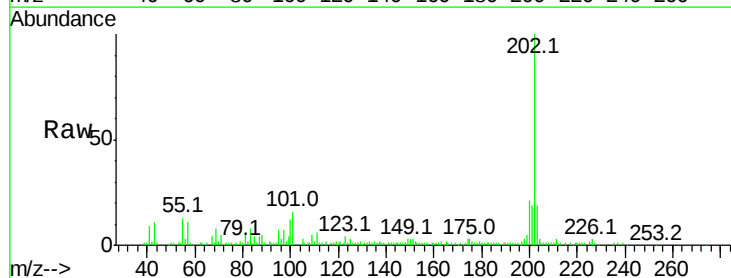
Tgt Ion:202 Resp: 60881

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

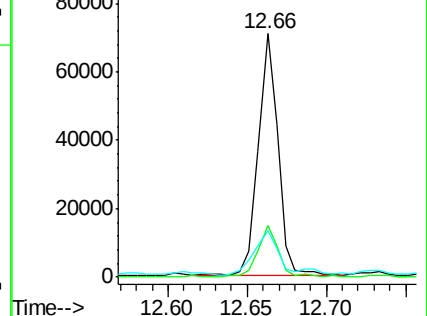
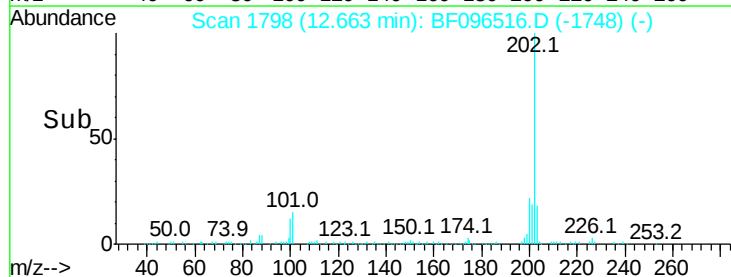
203 19.1 14.4 21.6

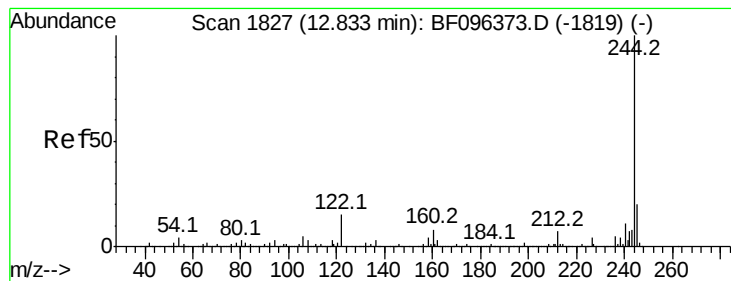


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 36.77 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF096516.D

Acq: 6 Jul 2017 7:01

Instrument :

BNA_F

ClientSampleId :

B8-0-2

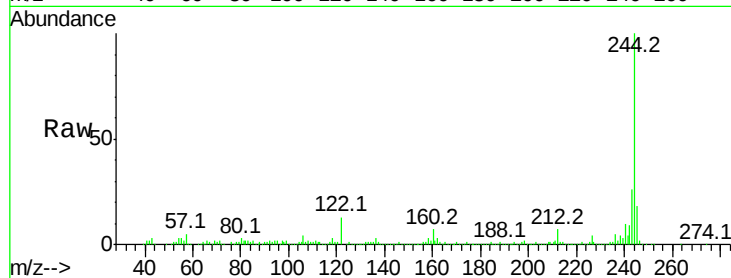
Tot Ion:244 Resp: 324562

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

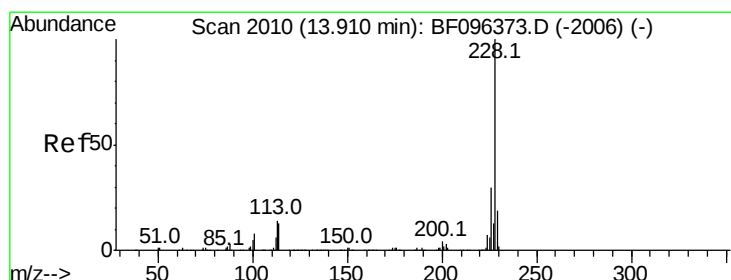
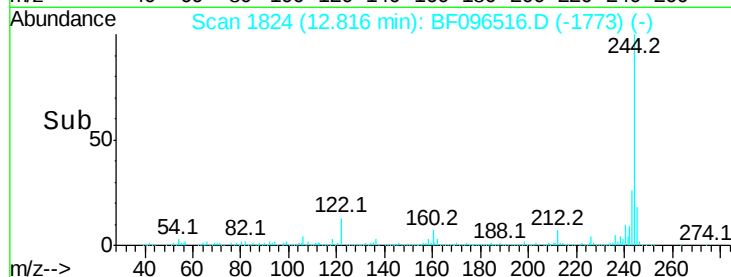
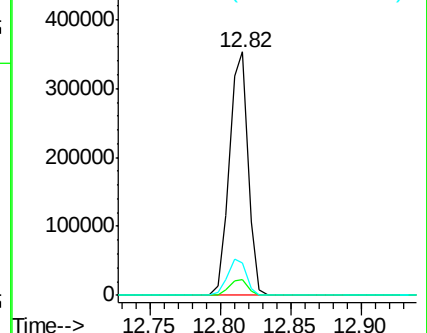
122 13.4 10.3 15.5



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



#82

Chrysene

Concen: 2.29 ng m

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF096516.D

Acq: 6 Jul 2017 7:01

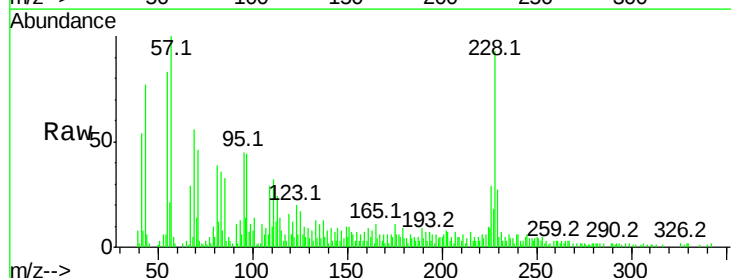
Tgt Ion:228 Resp: 26242

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

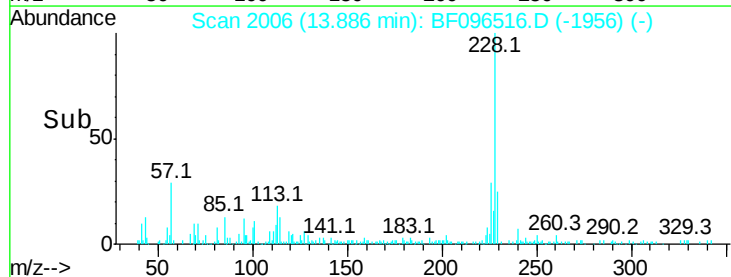
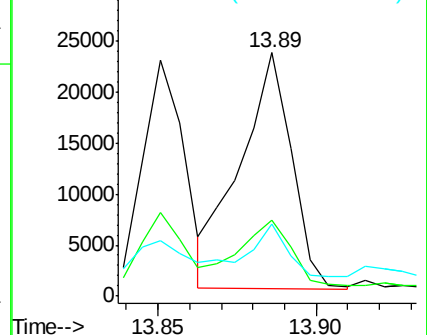
229 29.5 15.8 23.6#

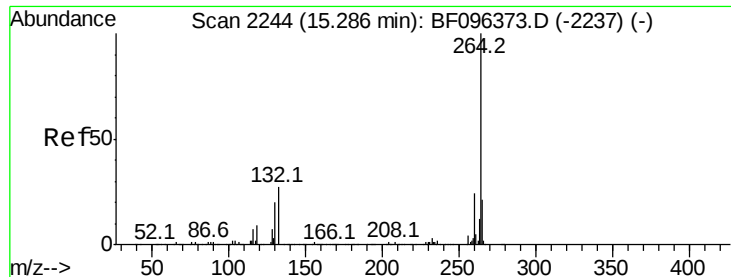


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

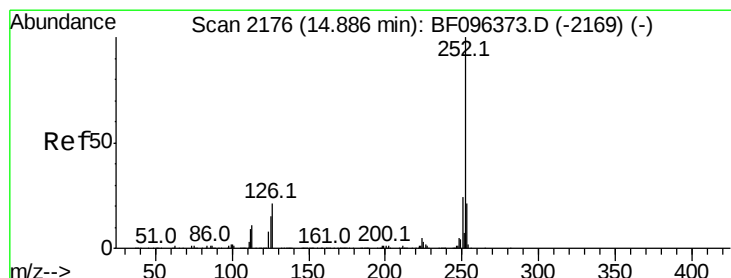
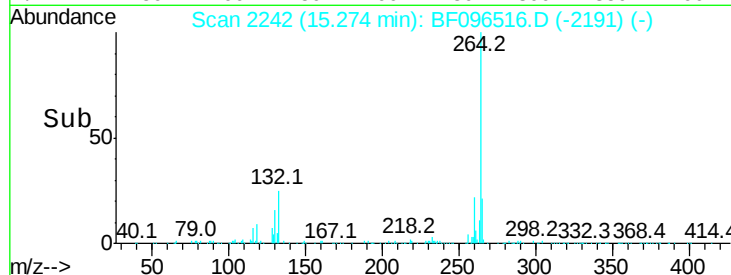
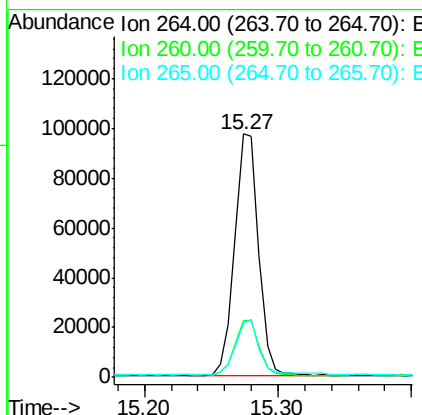
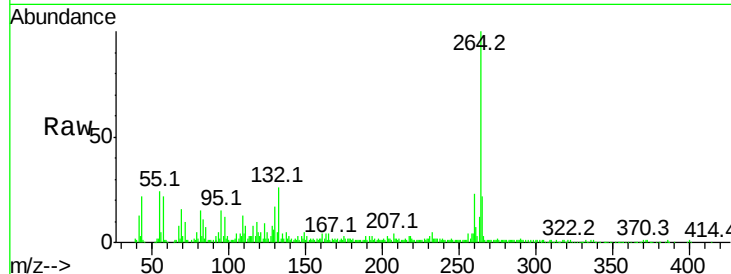




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF096516.D
Acq: 6 Jul 2017 7:01

Instrument :
BNA_F
ClientSampleId :
B8-0-2

Tot Ion:264 Resp: 122752
Ion Ratio Lower Upper
264 100
260 23.1 19.5 29.3
265 22.0 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 2.91 ng m
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF096516.D
Acq: 6 Jul 2017 7:01

Tgt Ion:252 Resp: 22378
Ion Ratio Lower Upper
252 100
253 40.0 18.1 27.1#
125 43.9 9.8 14.8#

