

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096488.D
 Acq On : 5 Jul 2017 17:10
 Operator : SJ/MA
 Sample : I3871-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-53-20170622

Quant Time: Jul 06 01:56:49 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

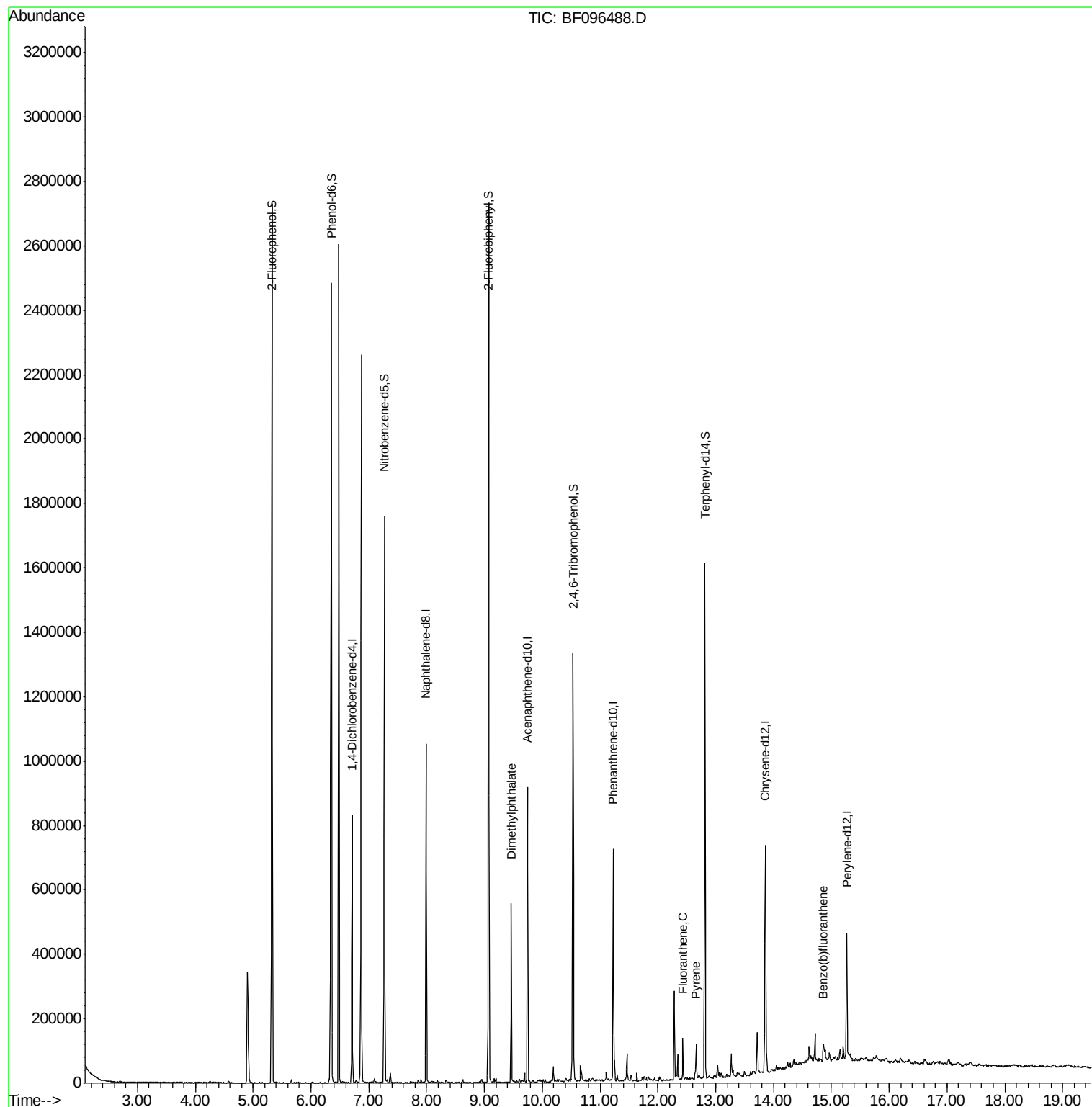
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	104389	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	433016	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	171214	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	246244	20.00	ng	0.00
75) Chrysene-d12	13.86	240	206552	20.00	ng	-0.01
86) Perylene-d12	15.27	264	163294	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	768296	108.63	ng	0.00
7) Phenol-d6	6.35	99	935473	107.59	ng	0.00
23) Nitrobenzene-d5	7.27	82	523357	72.63	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	149019	111.43	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	833636	83.25	ng	0.00
78) Terphenyl-d14	12.82	244	494573	51.16	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	215904	16.89	ng	98
74) Fluoranthene	12.43	202	41634	3.19	ng	98
77) Pyrene	12.66	202	40237	2.43	ng	98
87) Benzo(b)fluoranthene	14.87	252	24434m	2.39	ng	

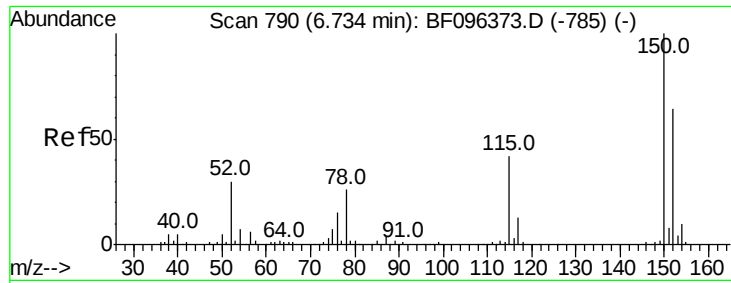
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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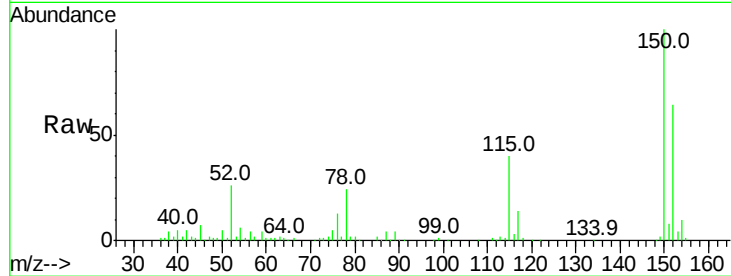


#1

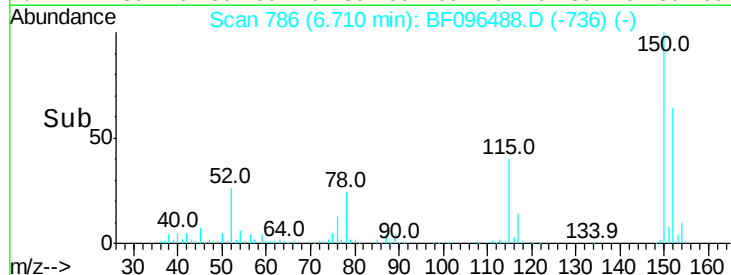
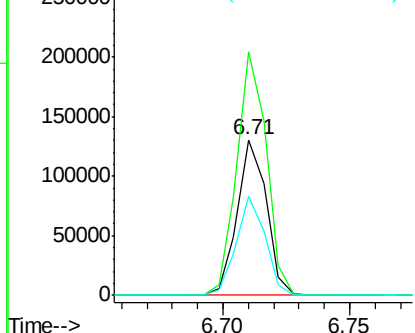
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF096488.D
Acq: 5 Jul 2017 17:10

Instrument :
BNA_F
ClientSampleId :
POSTEX-53-20170622

Tot Ion:152 Resp: 104389
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 63.4 52.2 78.2



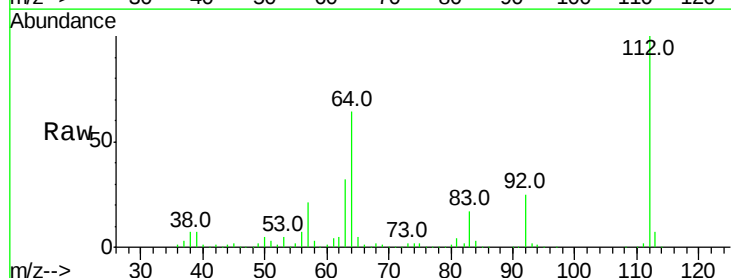
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



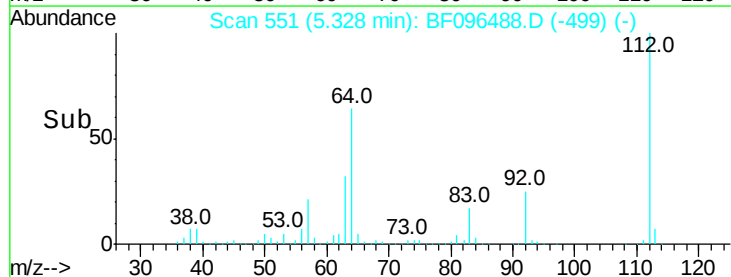
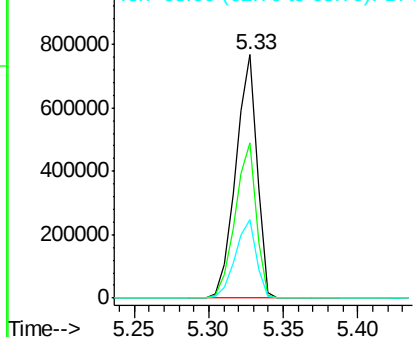
#5

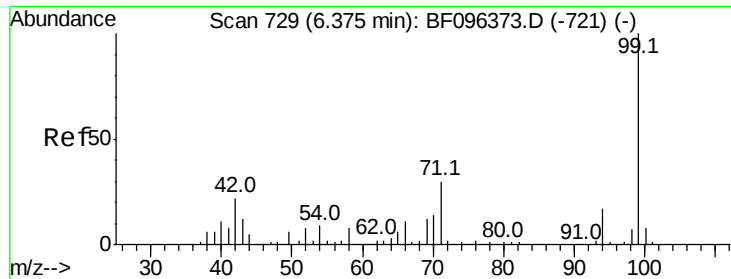
2-Fluorophenol
Concen: 108.63 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096488.D
Acq: 5 Jul 2017 17:10

Tgt Ion:112 Resp: 768296
Ion Ratio Lower Upper
112 100
64 63.8 46.0 69.0
63 32.5 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: 107.59 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096488.D

Acq: 5 Jul 2017 17:10

Instrument :

BNA_F

ClientSampleId :

POSTEX-53-20170622

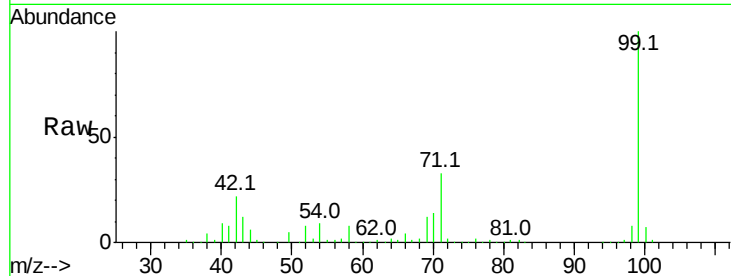
Tot Ion: 99 Resp: 935473

Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

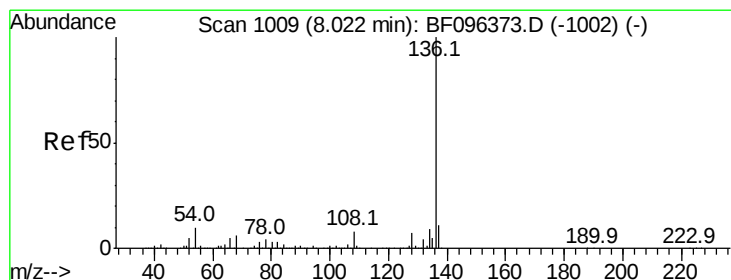
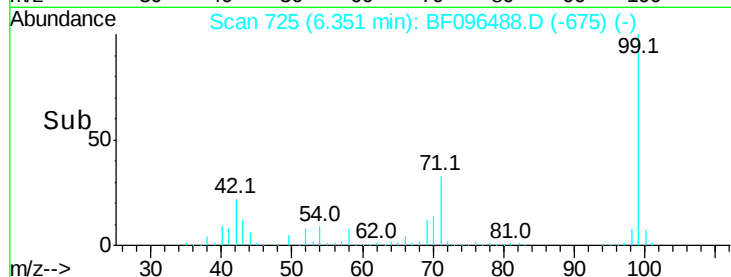
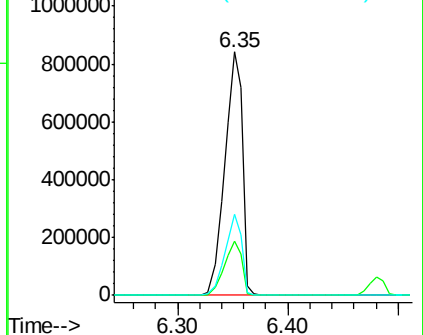
71 33.2 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096488.D

Acq: 5 Jul 2017 17:10

Tgt Ion: 136 Resp: 433016

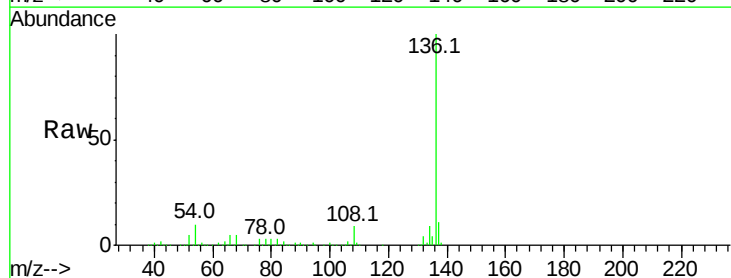
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 9.9 4.9 7.3#

68 5.0 4.1 6.1

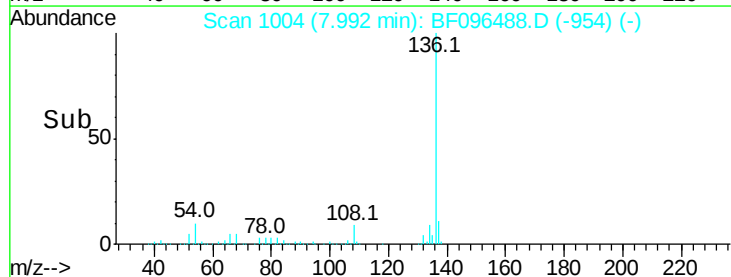
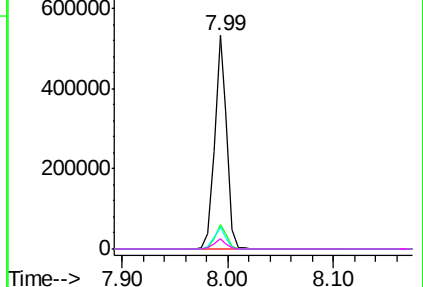


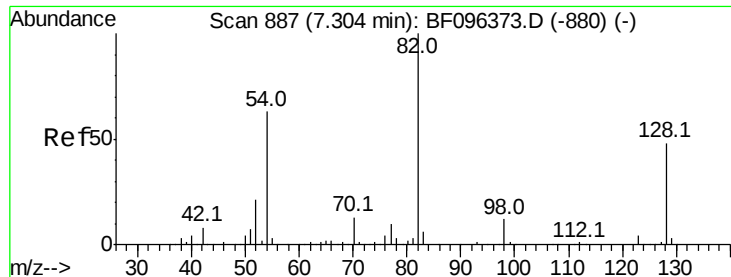
Abundance Ion 136.00 (135.70 to 136.70): E

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

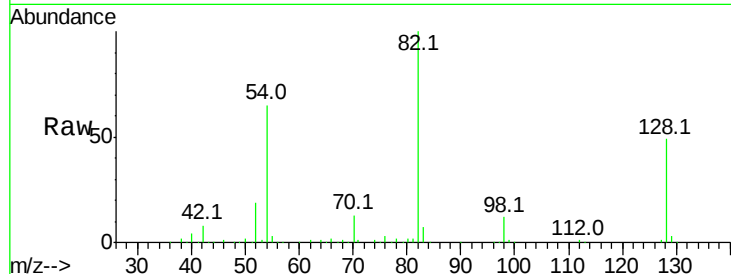




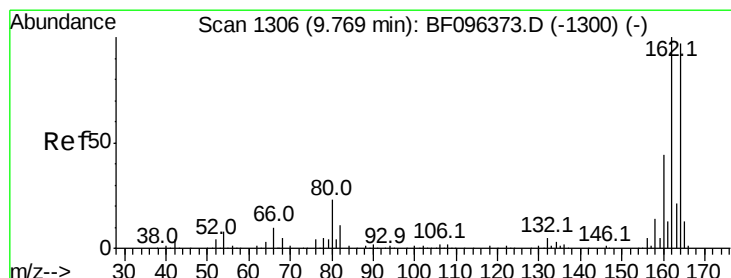
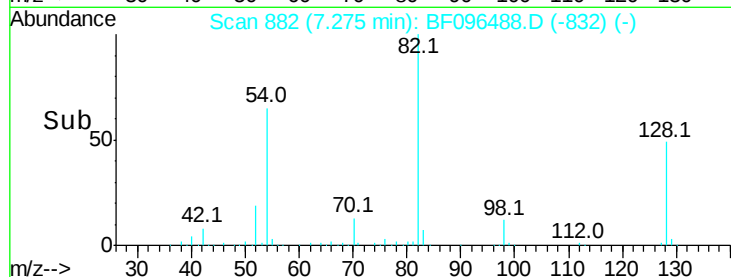
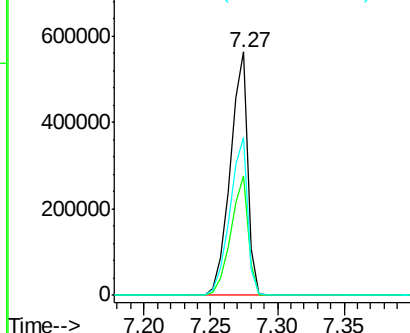
#23
 Nitrobenzene-d5
 Concen: 72.63 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096488.D
 Acq: 5 Jul 2017 17:10

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-53-20170622

Tot Ion: 82 Resp: 523357
 Ion Ratio Lower Upper
 82 100
 128 49.2 34.0 51.0
 54 64.6 42.2 63.2#

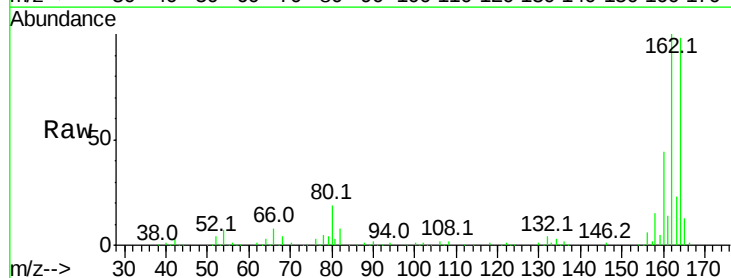


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

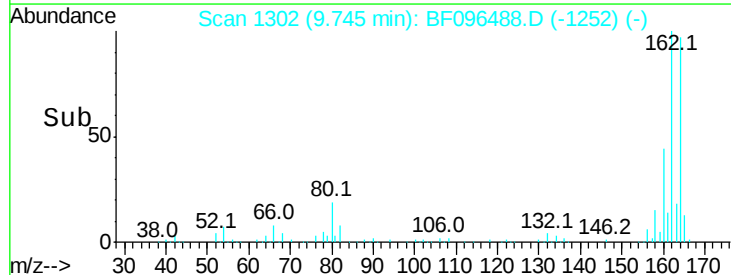
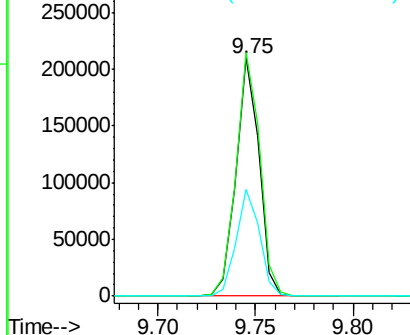


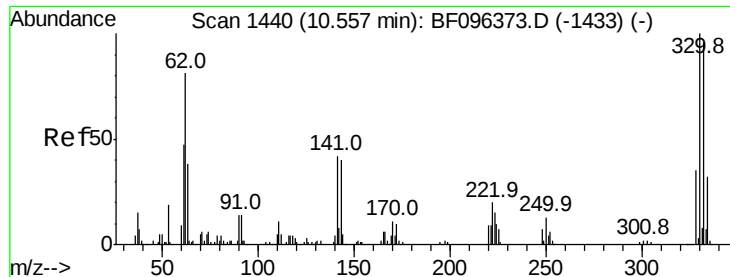
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF096488.D
 Acq: 5 Jul 2017 17:10

Tgt Ion:164 Resp: 171214
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.6 123.8
 160 44.7 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

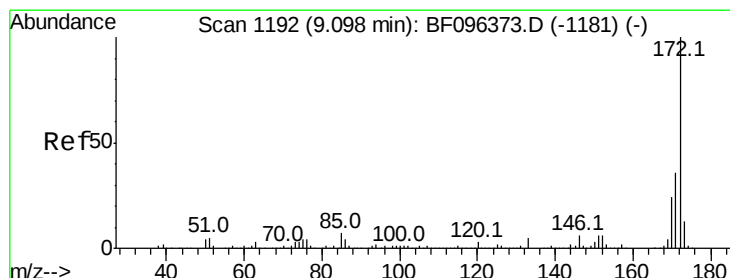
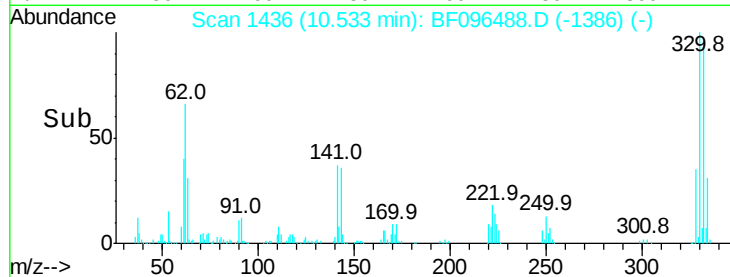
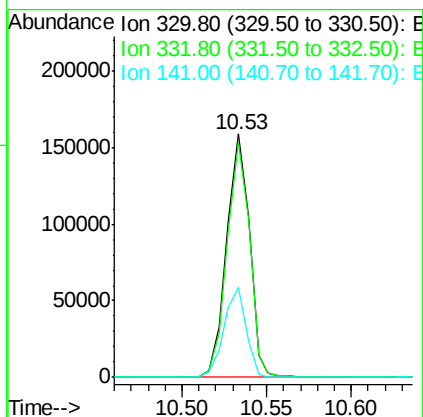
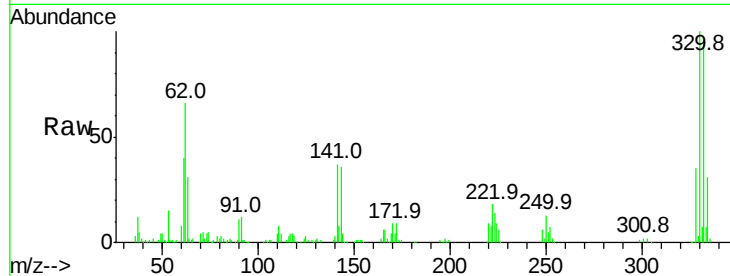




#41
 2,4,6-Tribromophenol
 Concen: 111.43 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096488.D
 Acq: 5 Jul 2017 17:10

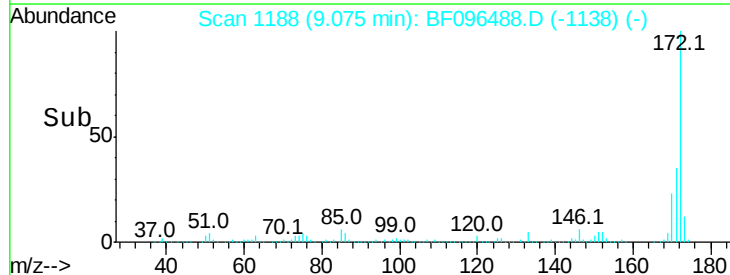
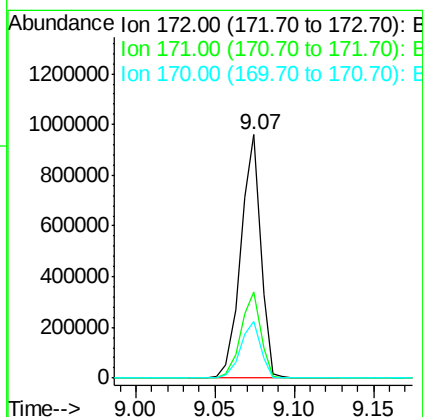
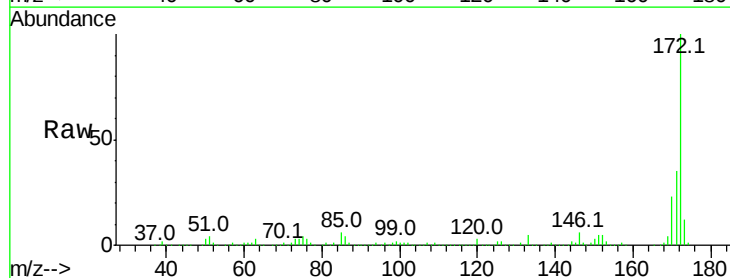
Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-53-20170622

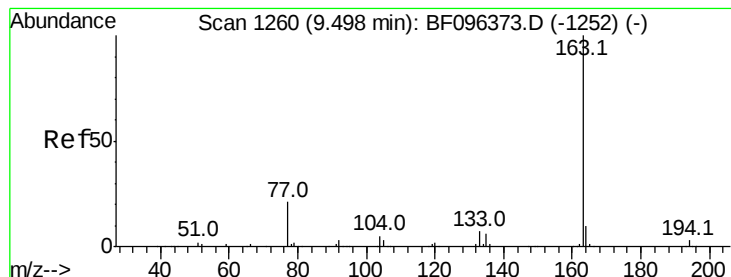
Tot Ion:330 Resp: 149019
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 36.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 83.25 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096488.D
 Acq: 5 Jul 2017 17:10

Tgt Ion:172 Resp: 833636
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 23.2 19.8 29.8





#49

Dimethylphthalate

Concen: 16.89 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF096488.D

Acq: 5 Jul 2017 17:10

Instrument :

BNA_F

ClientSampleId :

POSTEX-53-20170622

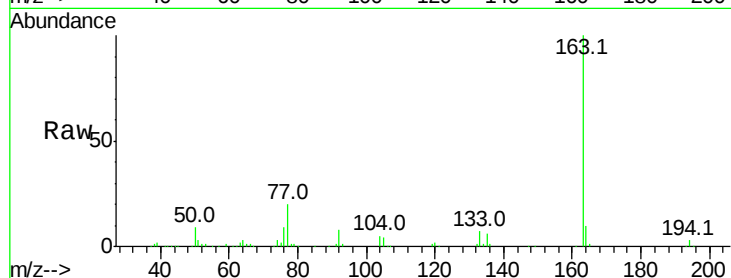
Tot Ion:163 Resp: 215904

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

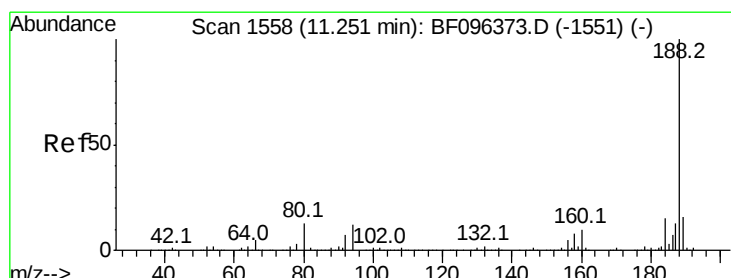
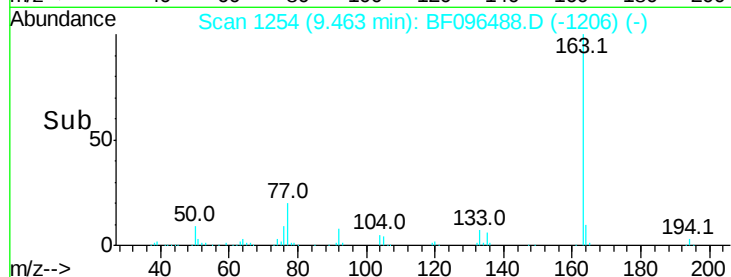
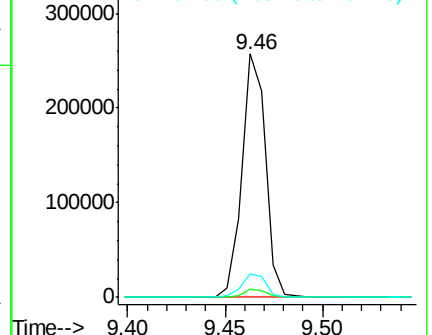
164 9.8 8.4 12.6



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: BF096488.D

Acq: 5 Jul 2017 17:10

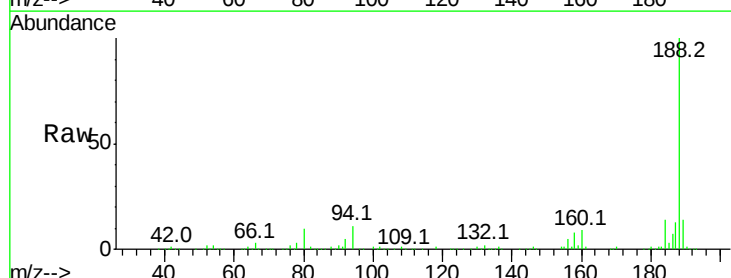
Tgt Ion:188 Resp: 246244

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

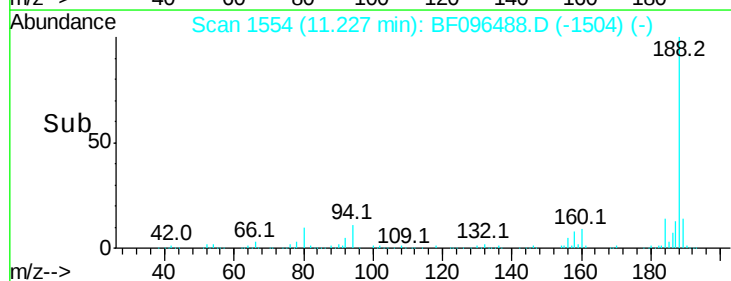
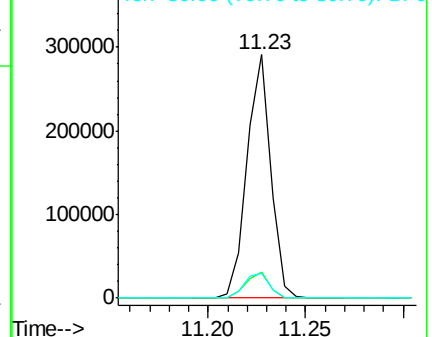
80 10.1 10.2 15.2#

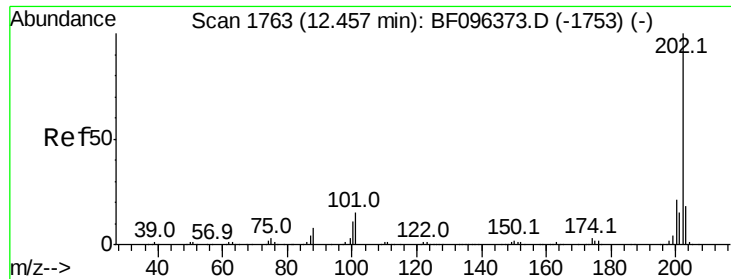


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

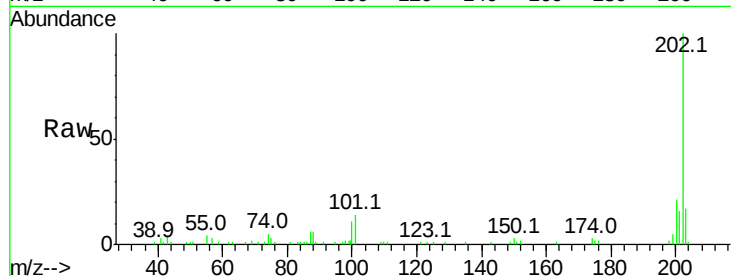




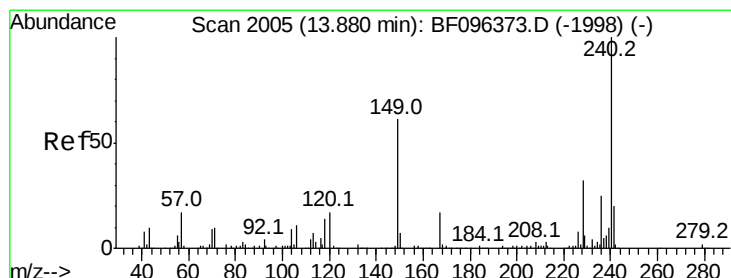
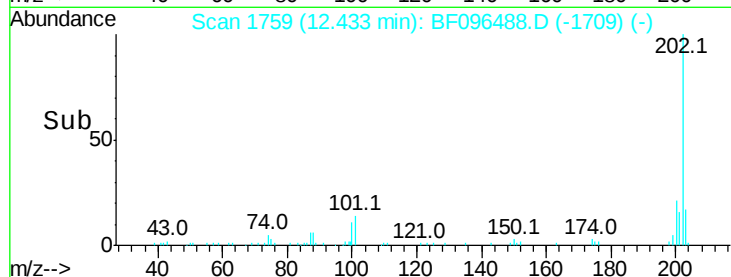
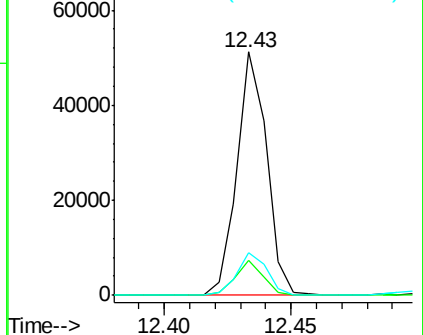
#74
Fluoranthene
 Concen: 3.19 ng
 RT: 12.43 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BF096488.D
 Acq: 5 Jul 2017 17:10

Instrument :
 BNA_F
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 POSTEX-53-20170622

Tot Ion:202 Resp: 41634
 Ion Ratio Lower Upper
 202 100
 101 14.2 0.0 33.2
 203 17.4 0.0 38.1

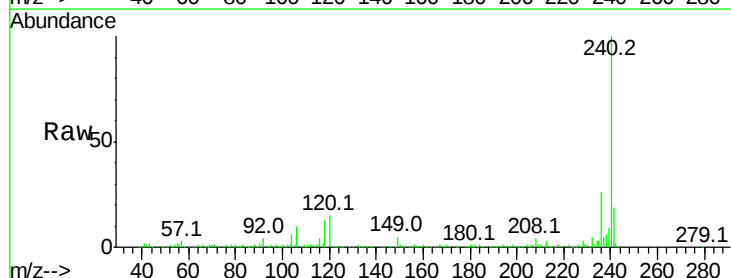


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

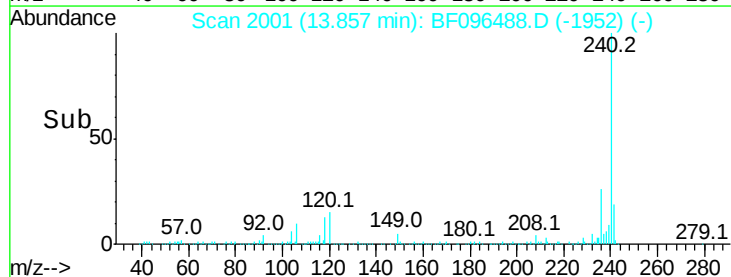
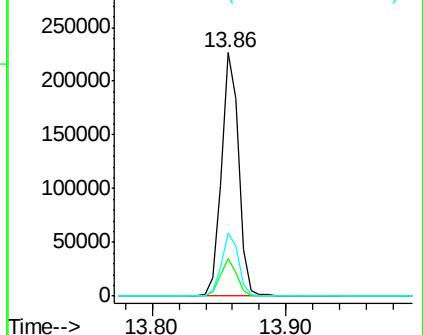


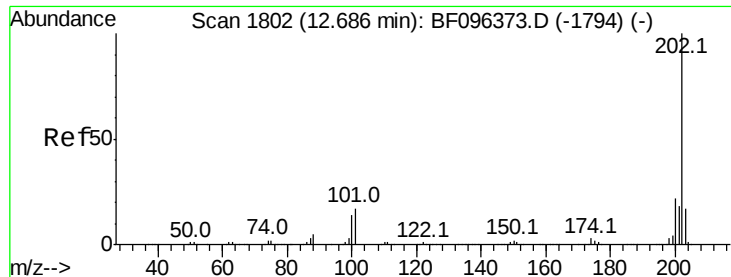
#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF096488.D
 Acq: 5 Jul 2017 17:10

Tgt Ion:240 Resp: 206552
 Ion Ratio Lower Upper
 240 100
 120 15.2 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

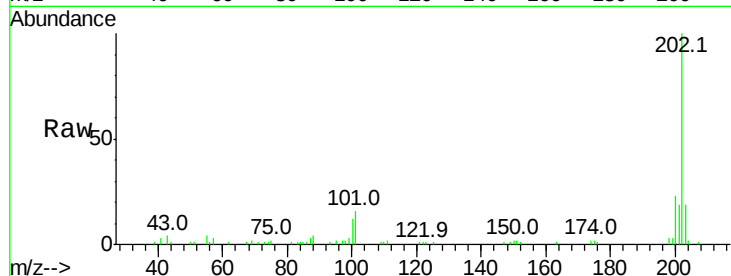




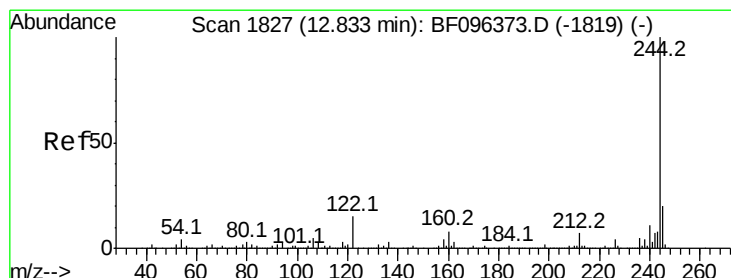
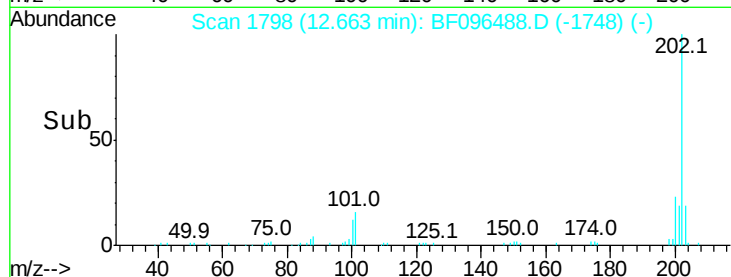
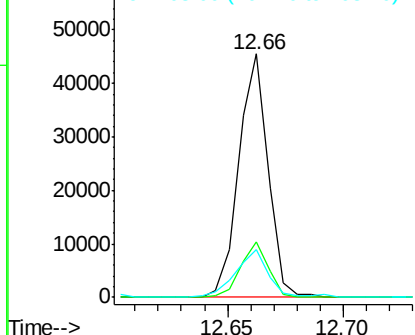
#77
 Pvrene
 Concen: 2.43 ng
 RT: 12.66 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BF096488.D
 Acq: 5 Jul 2017 17:10

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-53-20170622

Tot Ion:202 Resp: 40237
 Ion Ratio Lower Upper
 202 100
 200 22.8 17.6 26.4
 203 19.4 14.4 21.6

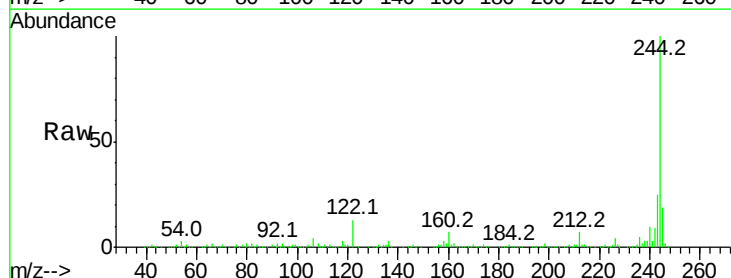


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

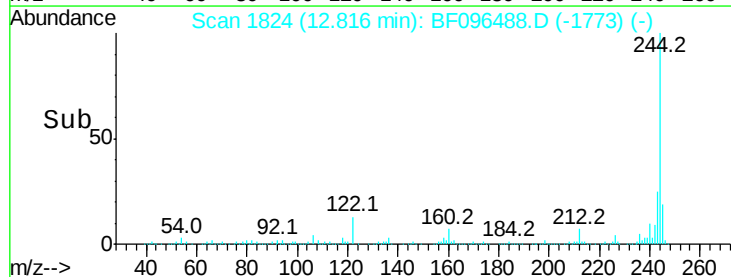
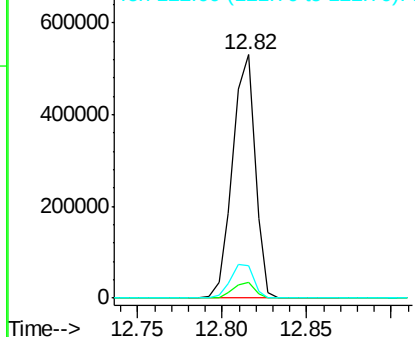


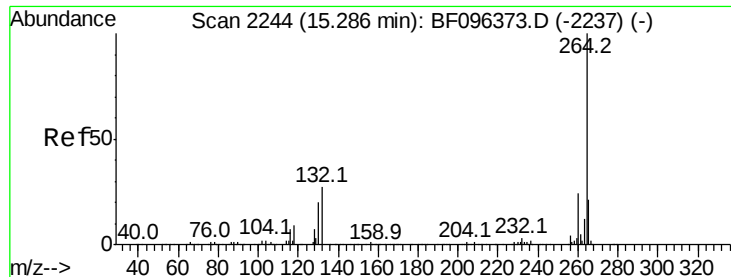
#78
 Terphenyl-d14
 Concen: 51.16 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF096488.D
 Acq: 5 Jul 2017 17:10

Tgt Ion:244 Resp: 494573
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 13.1 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

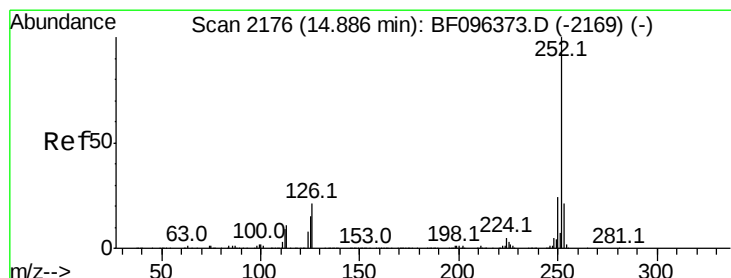
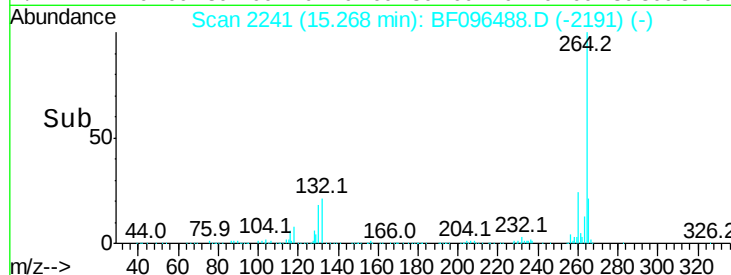
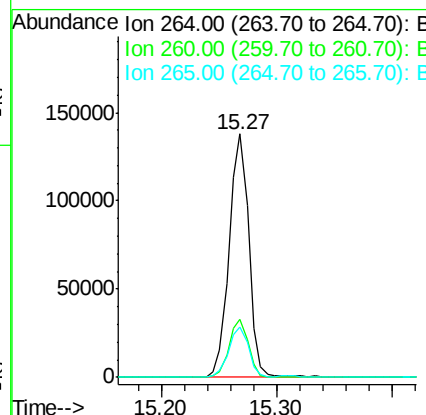
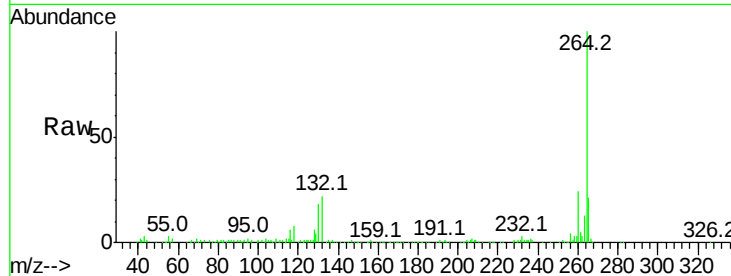




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF096488.D
Acq: 5 Jul 2017 17:10

Instrument :
BNA_F
ClientSampleId :
POSTEX-53-20170622

Tot Ion:264 Resp: 163294
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 20.7 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 2.39 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF096488.D
Acq: 5 Jul 2017 17:10

Tgt Ion:252 Resp: 24434
Ion Ratio Lower Upper
252 100
253 23.7 18.1 27.1
125 17.9 9.8 14.8#

