

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096494.D
 Acq On : 5 Jul 2017 19:55
 Operator : SJ/MA
 Sample : I4052-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-070317-A

Quant Time: Jul 06 02:21:51 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

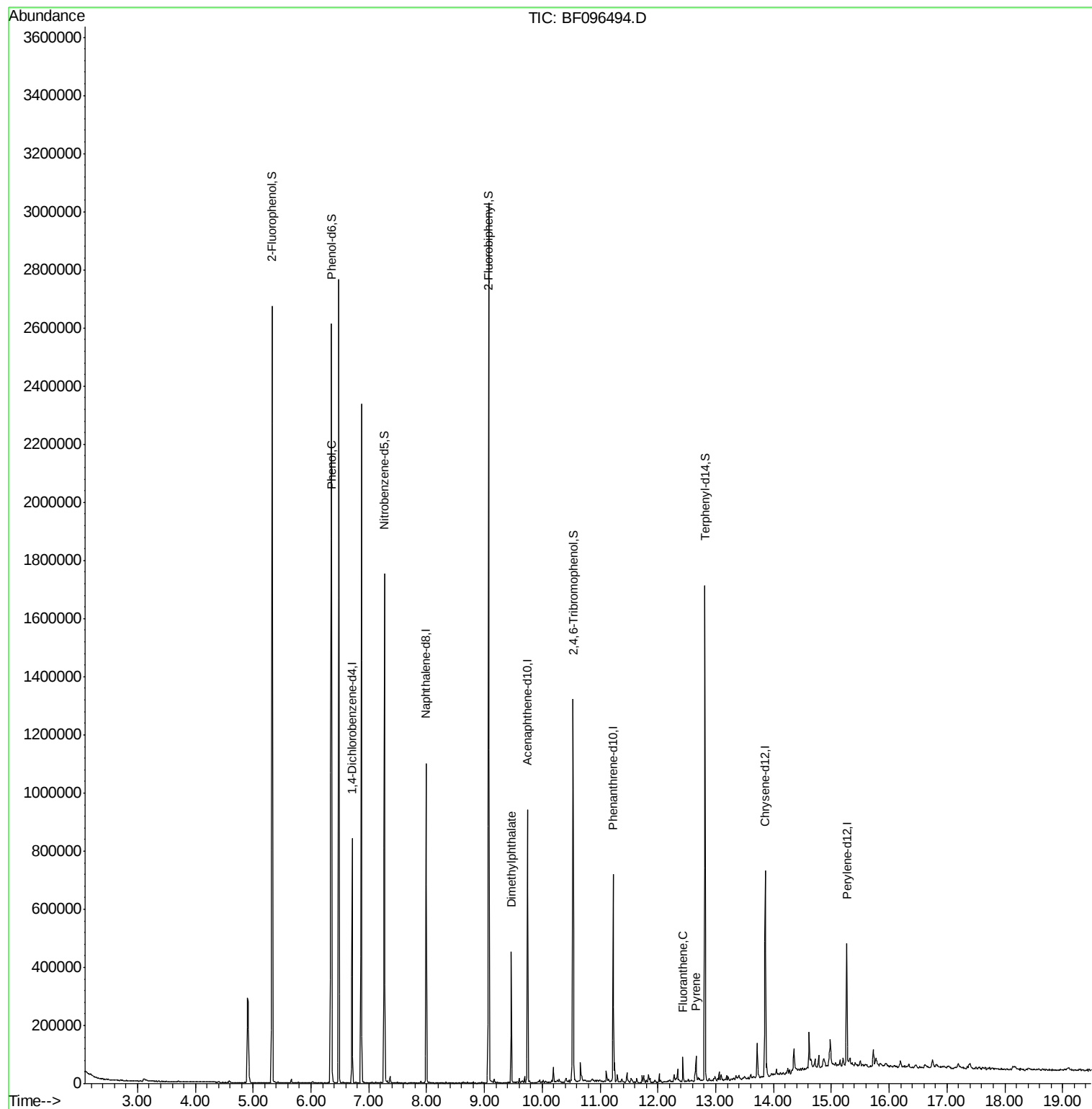
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	113761	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	445316	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	177334	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	238818	20.00	ng	0.00
75) Chrysene-d12	13.86	240	213721	20.00	ng	-0.01
86) Perylene-d12	15.27	264	178299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	802424	104.11	ng	0.00
7) Phenol-d6	6.35	99	965633	101.91	ng	0.00
23) Nitrobenzene-d5	7.27	82	537822	72.57	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	141842	102.40	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	922293	88.92	ng	0.00
78) Terphenyl-d14	12.82	244	538165	53.81	ng	0.00
Target Compounds						
10) Phenol	6.36	94	31538	2.92	ng	89
49) Dimethylphthalate	9.46	163	168438	12.72	ng	99
74) Fluoranthene	12.43	202	30193	2.39	ng	100
77) Pyrene	12.66	202	35934	2.09	ng	96

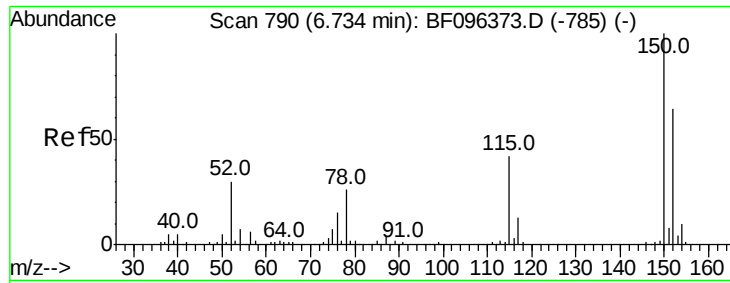
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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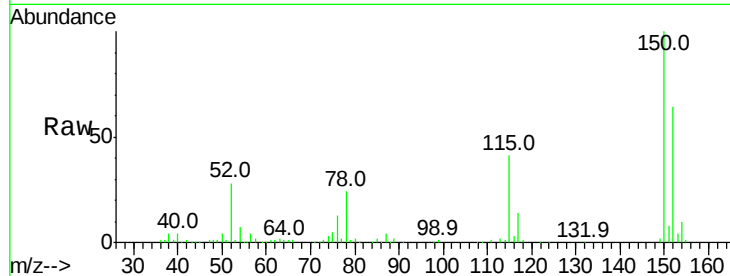


#1

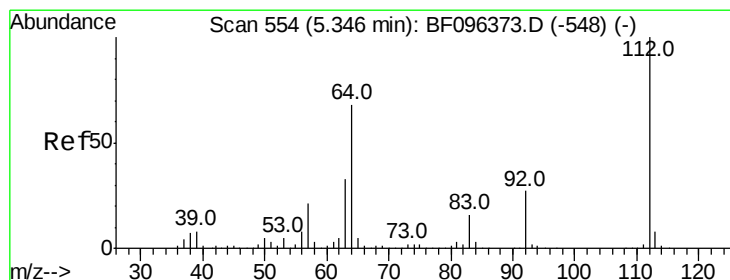
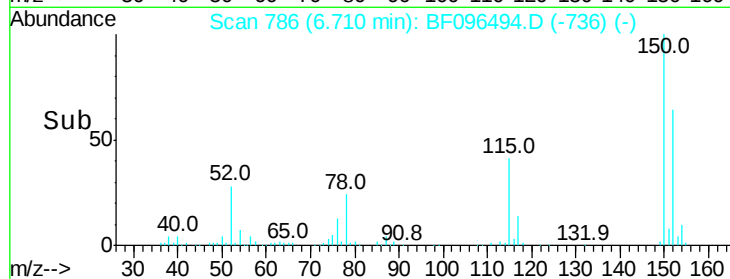
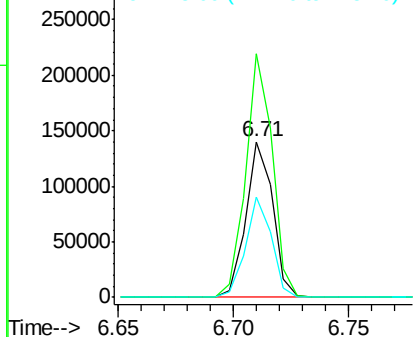
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF096494.D
Acq: 5 Jul 2017 19:55

Instrument :
BNA_F
ClientSampleId :
HR-03-070317-A

Tot Ion:152 Resp: 113761
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 64.5 52.2 78.2



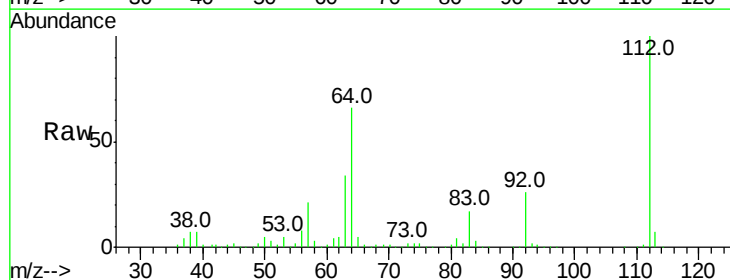
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



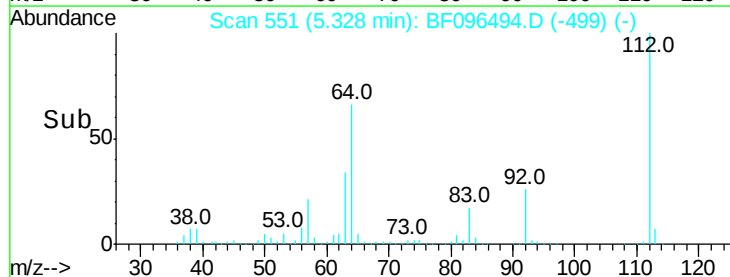
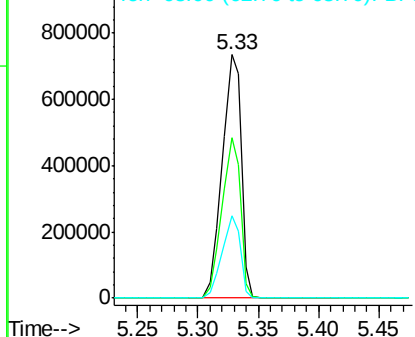
#5

2-Fluorophenol
Concen: 104.11 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096494.D
Acq: 5 Jul 2017 19:55

Tgt Ion:112 Resp: 802424
Ion Ratio Lower Upper
112 100
64 65.9 46.0 69.0
63 33.7 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: 101.91 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096494.D

Acq: 5 Jul 2017 19:55

Instrument :

BNA_F

ClientSampleId :

HR-03-070317-A

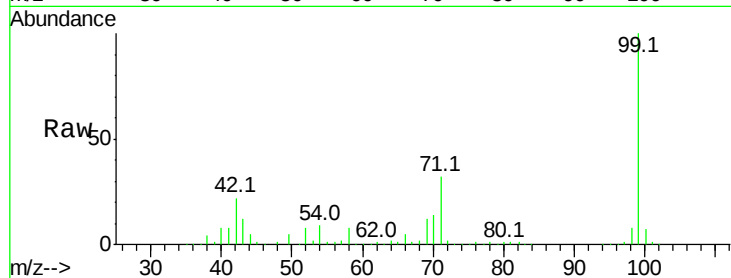
Tot Ion: 99 Resp: 965633

Ion Ratio Lower Upper

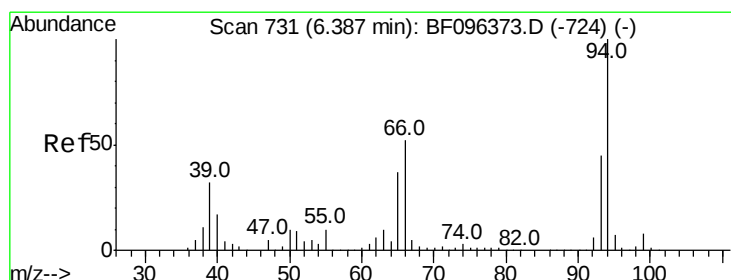
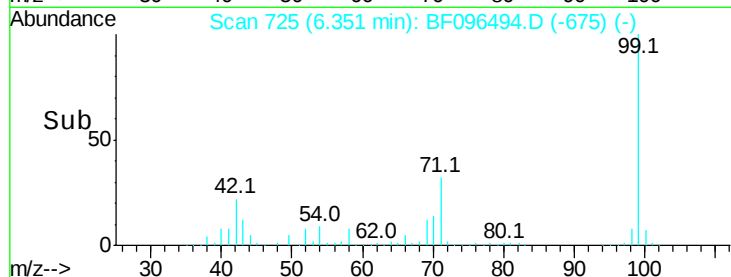
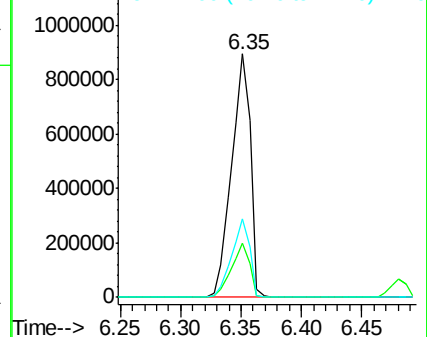
99 100

42 22.2 13.5 20.3#

71 32.2 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: 2.92 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096494.D

Acq: 5 Jul 2017 19:55

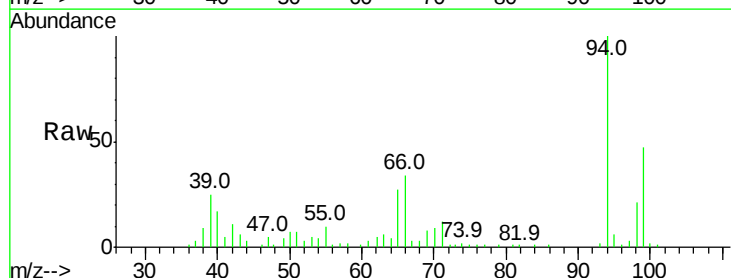
Tgt Ion: 94 Resp: 31538

Ion Ratio Lower Upper

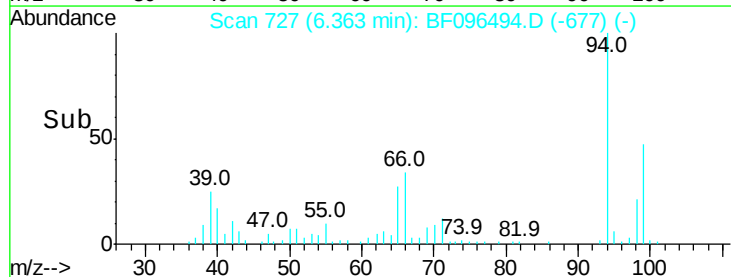
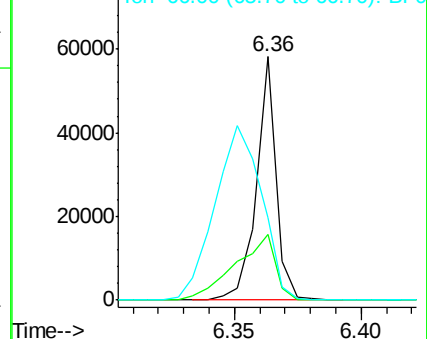
94 100

65 27.2 9.9 49.9

66 33.7 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: BF096494.D

Acq: 5 Jul 2017 19:55

Instrument :

BNA_F

ClientSampleId :

HR-03-070317-A

Tot Ion:136 Resp: 445316

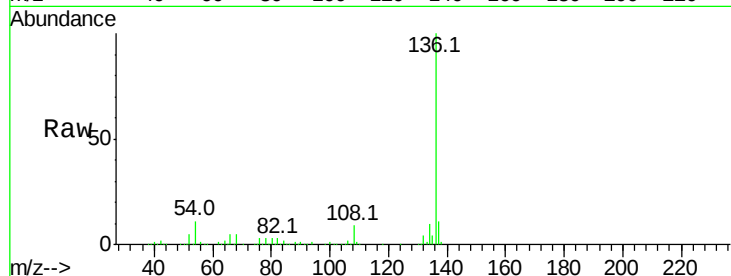
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.8 4.9 7.3#

68 5.2 4.1 6.1

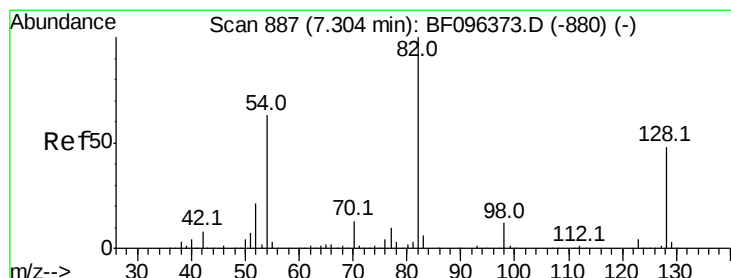
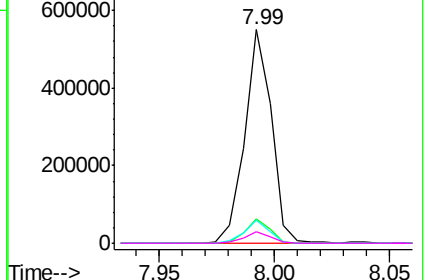
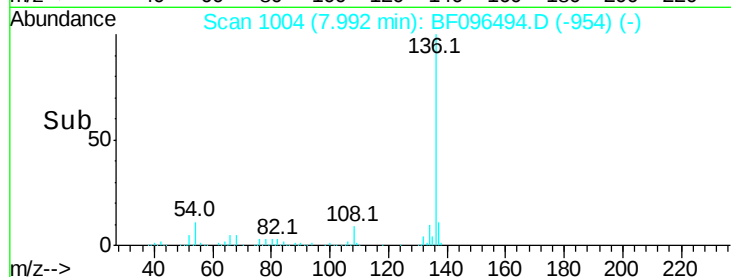


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.57 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF096494.D

Acq: 5 Jul 2017 19:55

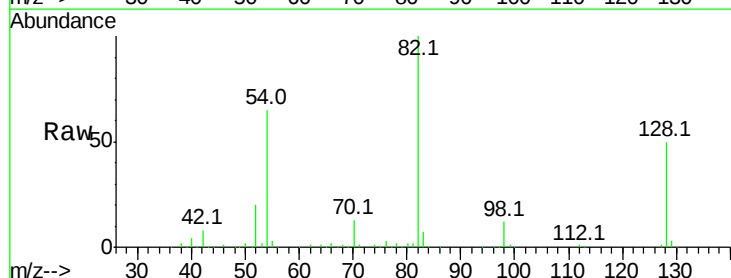
Tgt Ion: 82 Resp: 537822

Ion Ratio Lower Upper

82 100

128 50.5 34.0 51.0

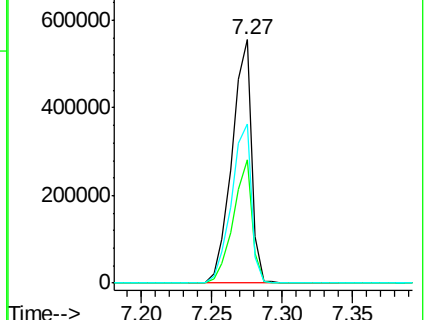
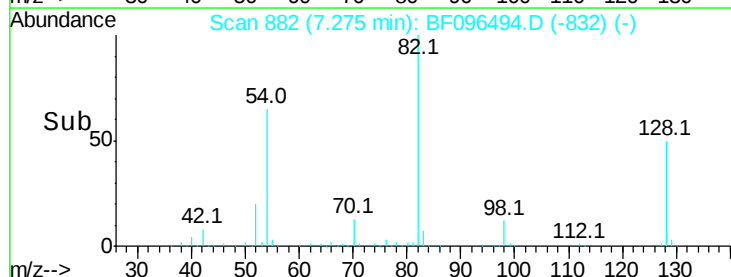
54 65.3 42.2 63.2#

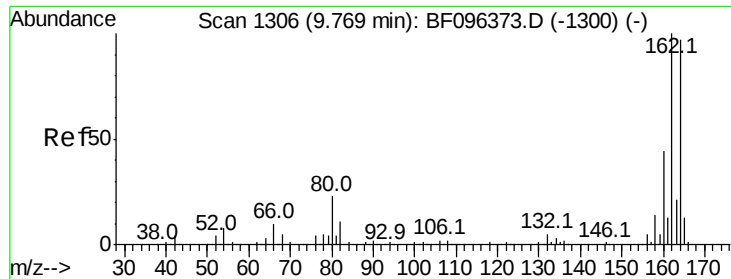


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

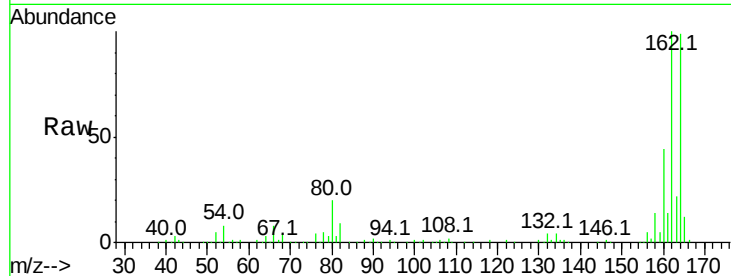




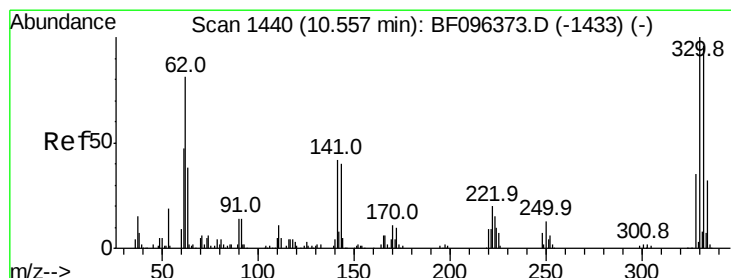
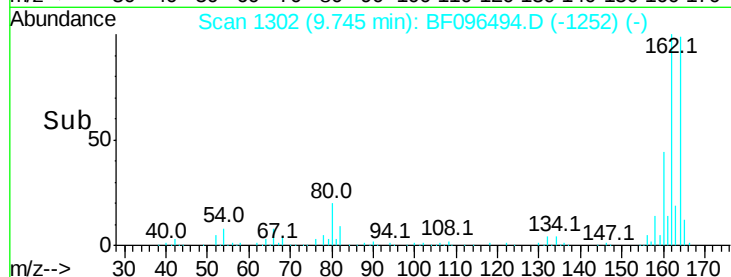
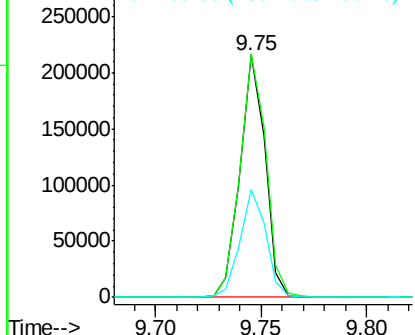
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF096494.D
Acq: 5 Jul 2017 19:55

Instrument :
BNA_F
ClientSampleId :
HR-03-070317-A

Tot Ion:164 Resp: 177334
Ion Ratio Lower Upper
164 100
162 100.6 82.6 123.8
160 44.5 36.2 54.2

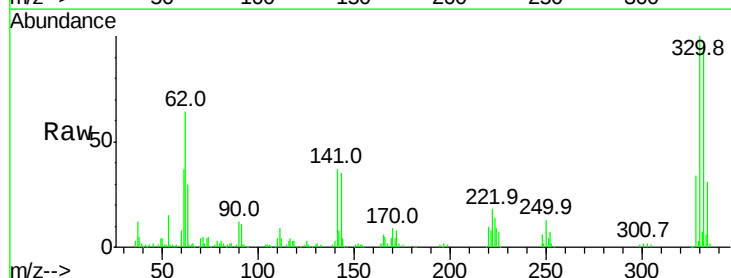


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

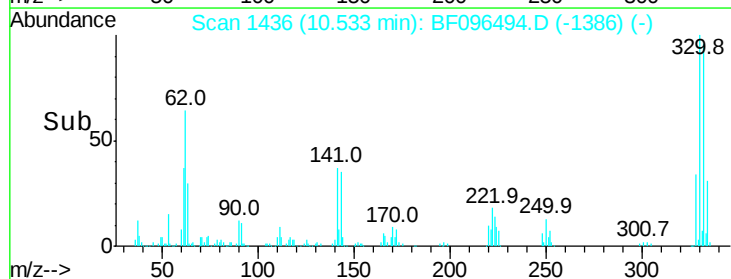
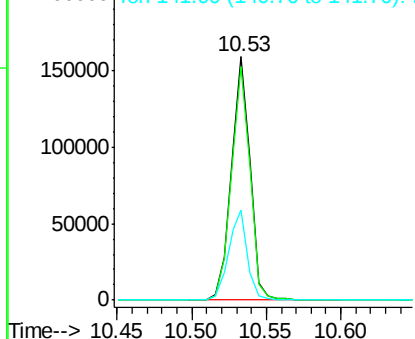


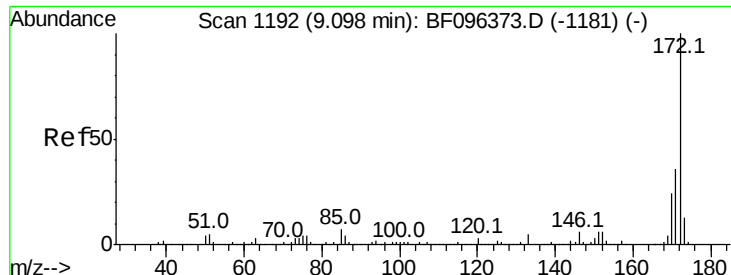
#41
2,4,6-Tribromophenol
Concen: 102.40 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF096494.D
Acq: 5 Jul 2017 19:55

Tgt Ion:330 Resp: 141842
Ion Ratio Lower Upper
330 100
332 95.9 76.6 115.0
141 37.0 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

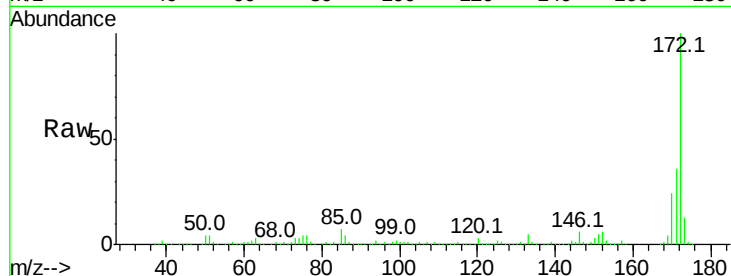




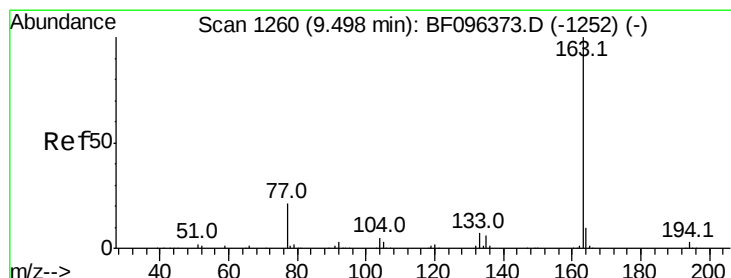
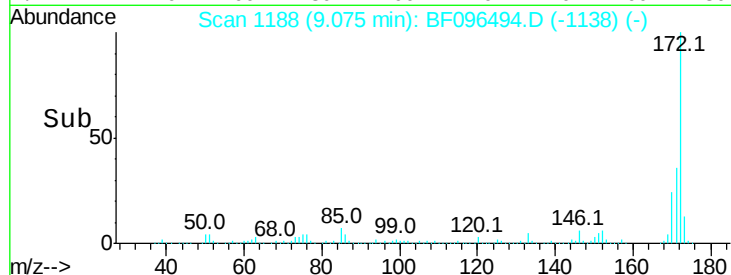
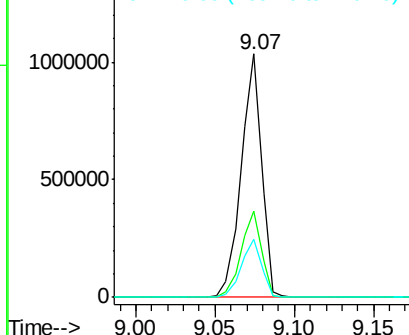
#44
 2-Fluorobiphenyl
 Concen: 88.92 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096494.D
 Acq: 5 Jul 2017 19:55

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-070317-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.0	19.8	29.8

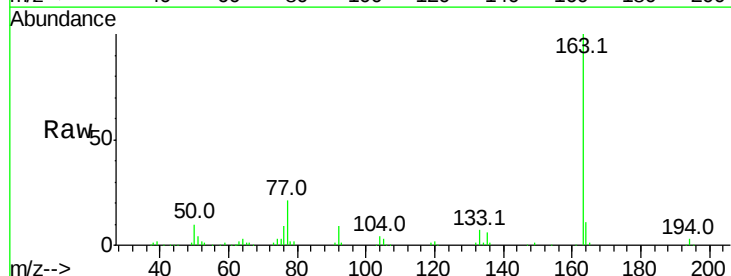


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

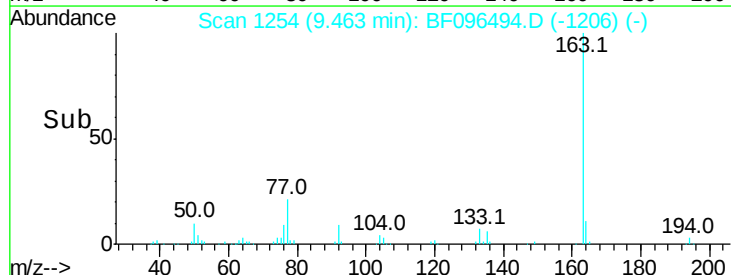
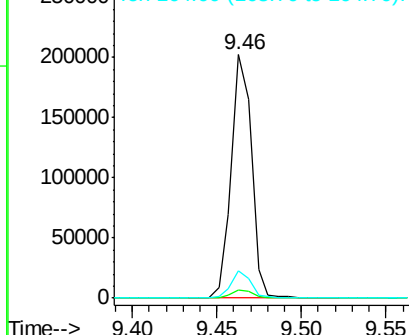


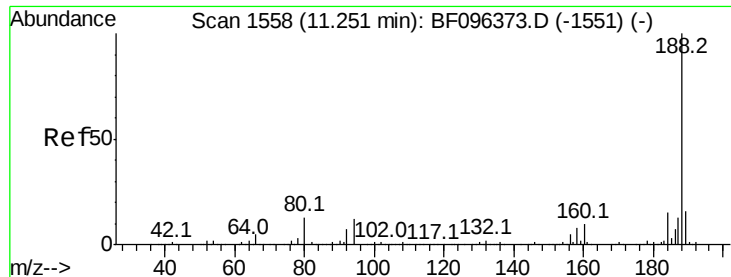
#49
 Dimethylphthalate
 Concen: 12.72 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: BF096494.D
 Acq: 5 Jul 2017 19:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	11.0	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

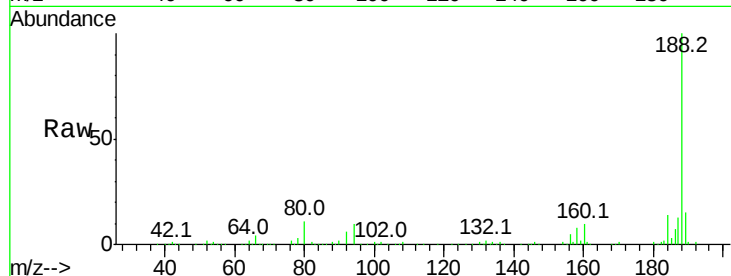




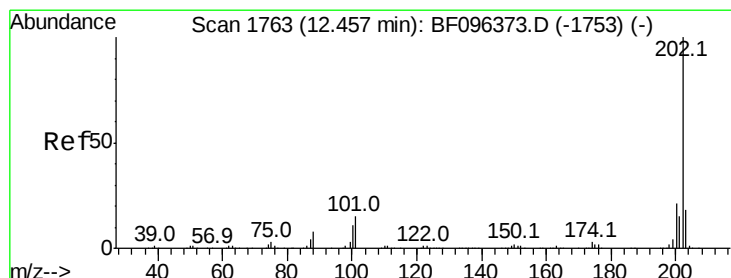
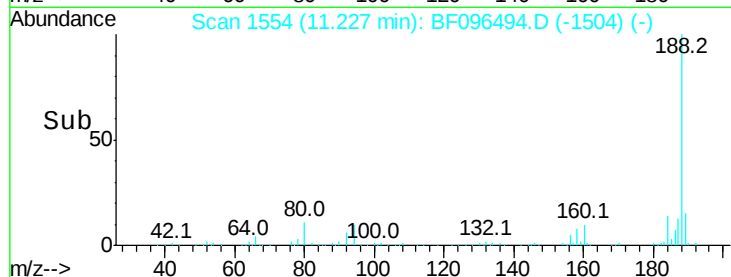
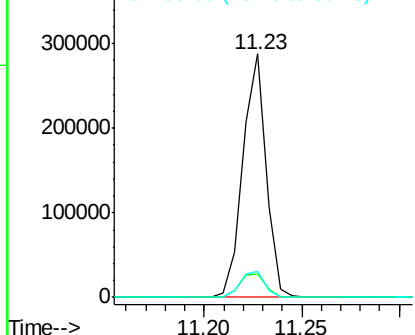
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096494.D
Acq: 5 Jul 2017 19:55

Instrument :
BNA_F
ClientSampleId :
HR-03-070317-A

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	10.7	10.2	15.2

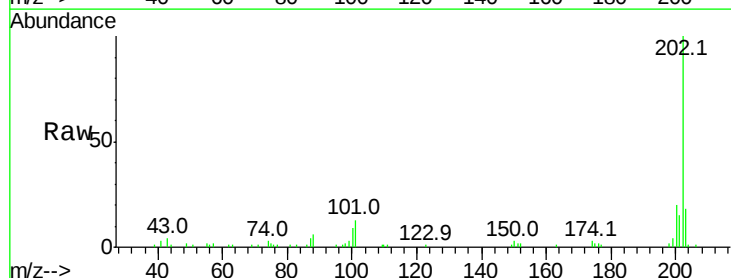


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

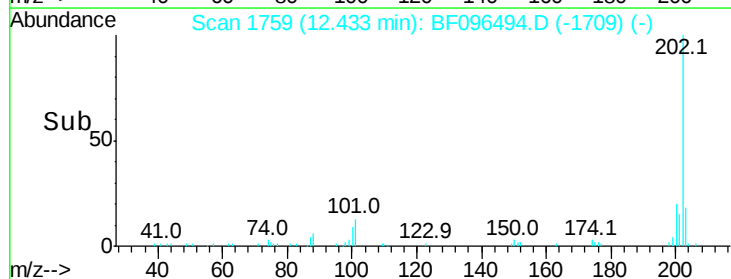
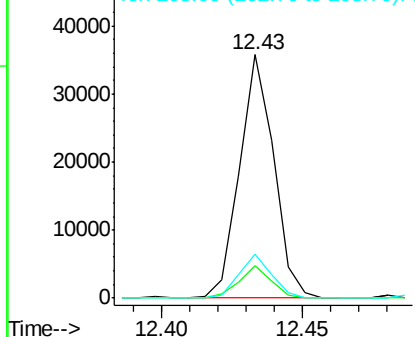


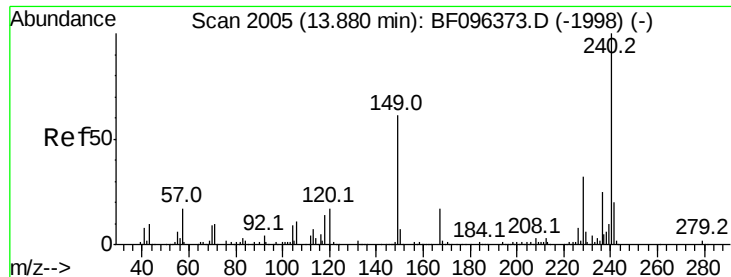
#74
Fluoranthene
Concen: 2.39 ng
RT: 12.43 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BF096494.D
Acq: 5 Jul 2017 19:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	17.8	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: BF096494.D

Acq: 5 Jul 2017 19:55

Instrument :

BNA_F

ClientSampleId :

HR-03-070317-A

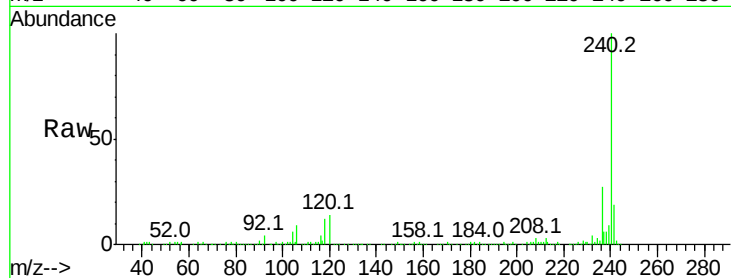
Tot Ion:240 Resp: 213721

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

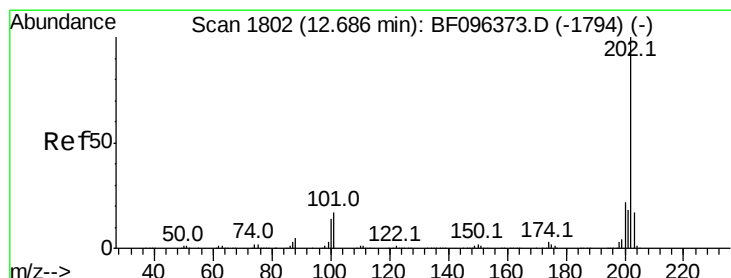
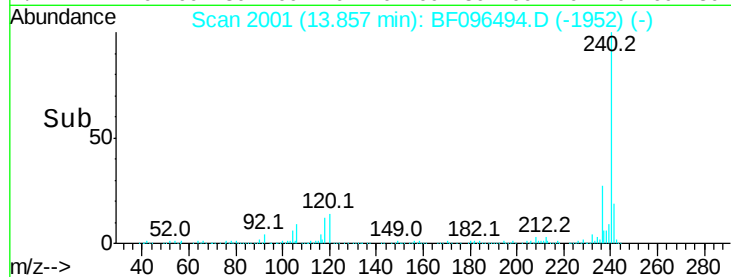
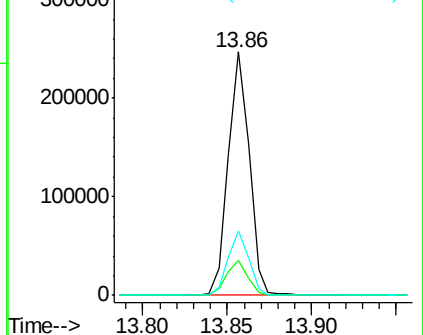
236 26.6 20.5 30.7



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: 2.09 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF096494.D

Acq: 5 Jul 2017 19:55

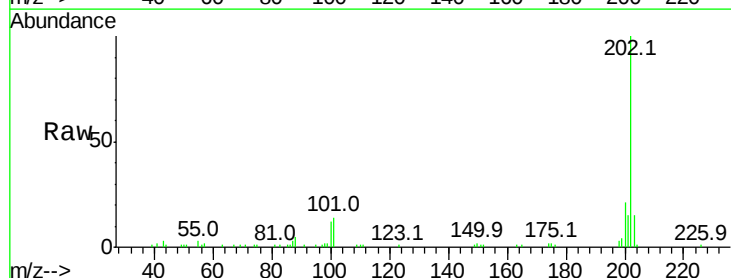
Tgt Ion:202 Resp: 35934

Ion Ratio Lower Upper

202 100

200 20.8 17.6 26.4

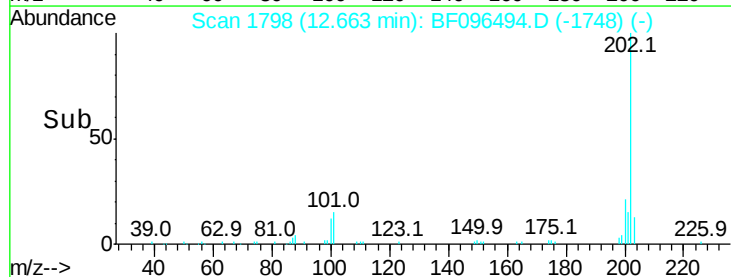
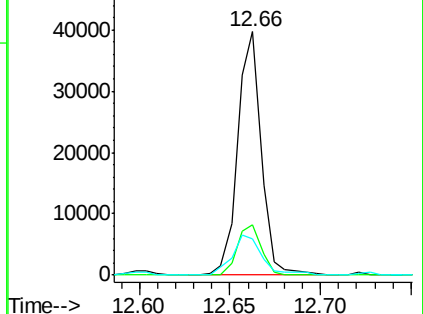
203 14.9 14.4 21.6

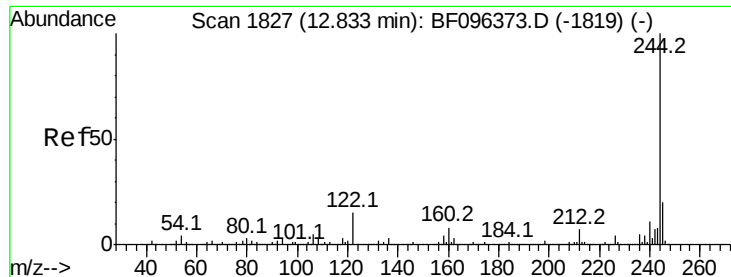


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 53.81 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096494.D

Acq: 5 Jul 2017 19:55

Instrument :

BNA_F

ClientSampleId :

HR-03-070317-A

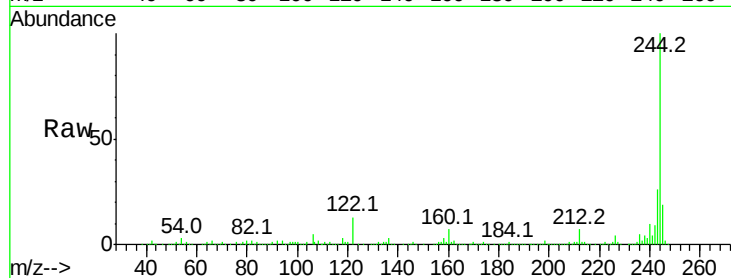
Tot Ion:244 Resp: 538165

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

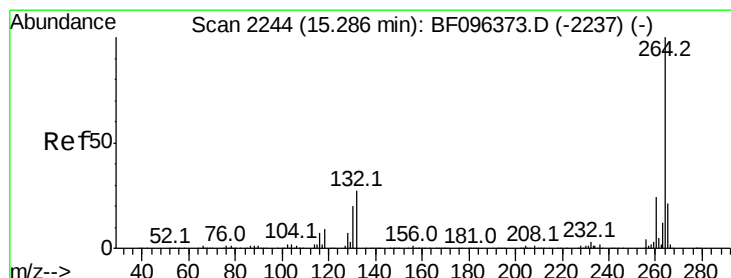
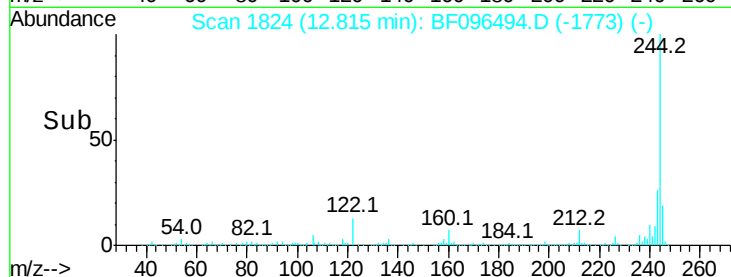
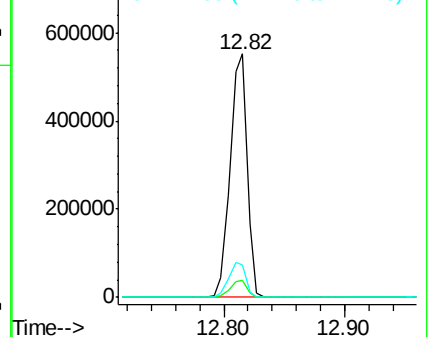
122 13.5 10.3 15.5



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# 2241

Delta R.T. -0.01 min

Lab File: BF096494.D

Acq: 5 Jul 2017 19:55

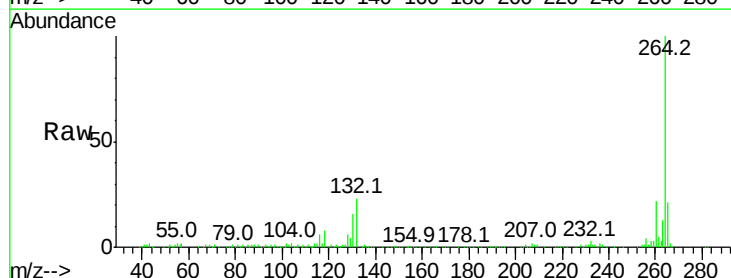
Tgt Ion:264 Resp: 178299

Ion Ratio Lower Upper

264 100

260 22.4 19.5 29.3

265 20.9 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

