

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104063.D
 Acq On : 29 Mar 2018 20:40
 Operator : JU/SJ
 Sample : J2072-05 20X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AB4

Quant Time: Mar 30 05:17:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	117400	20.00	ng	0.02
21) Naphthalene-d8	8.25	136	466734	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	230032	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	375881	20.00	ng	0.00
75) Chrysene-d12	14.15	240	246166	20.00	ng	0.00
86) Perylene-d12	15.69	264	241926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.62	99	290	0.03	ng	0.02
23) Nitrobenzene-d5	7.56	82	12590	1.65	ng	0.02
41) 2,4,6-Tribromophenol	10.80	330	388	0.15	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	271	0.02	ng	0.00
78) Terphenyl-d14	13.08	244	302	0.03	ng	0.00

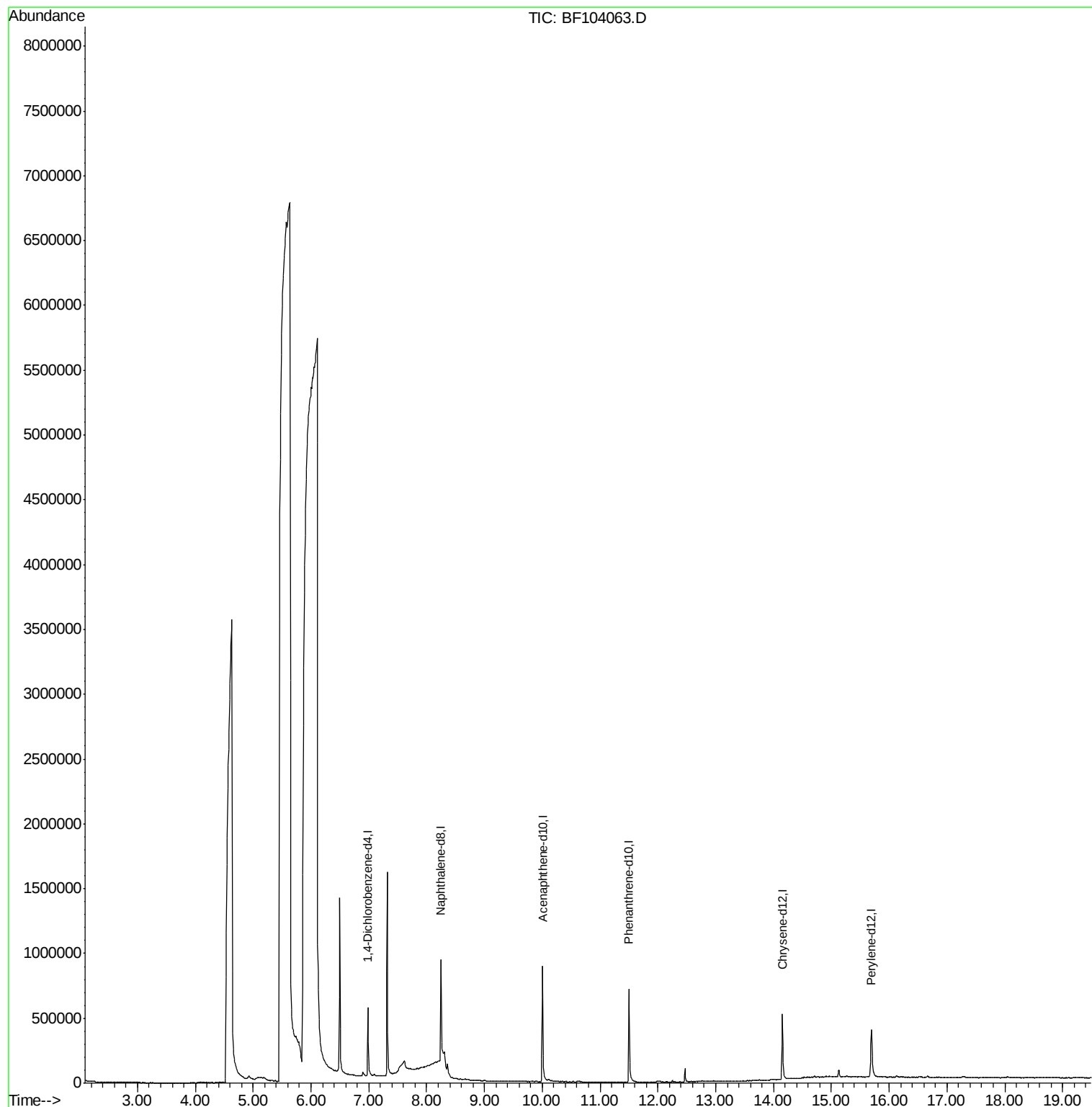
Target Compounds Qvalue

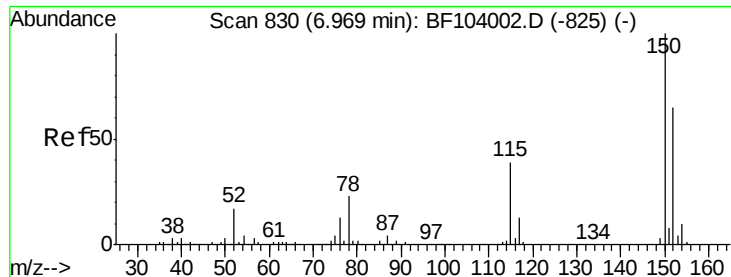
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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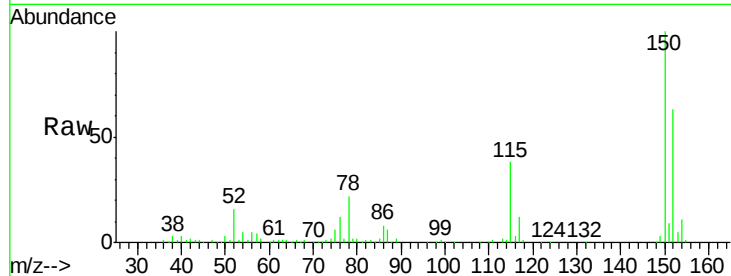


#1

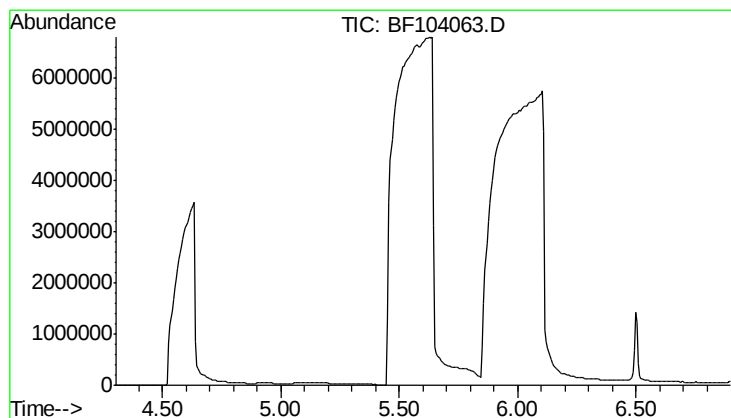
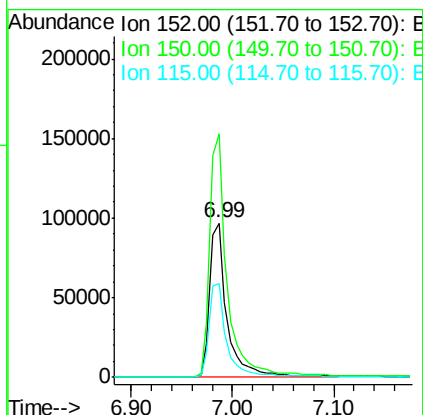
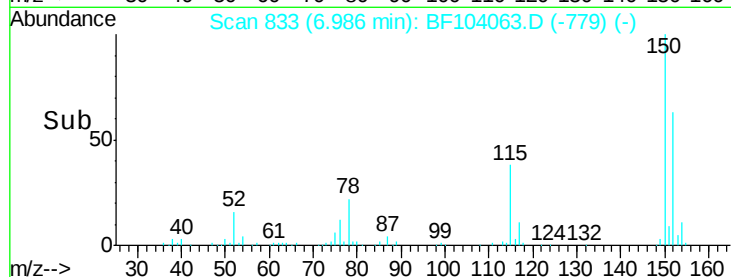
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.02 min
 Lab File: BF104063.D
 Acq: 29 Mar 2018 20:40

Instrument :
 BNA_F
 ClientSampleId :
 C0AB4

Tot Ion:152 Resp: 117400
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.6 186.8
 115 60.6 50.1 75.1



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

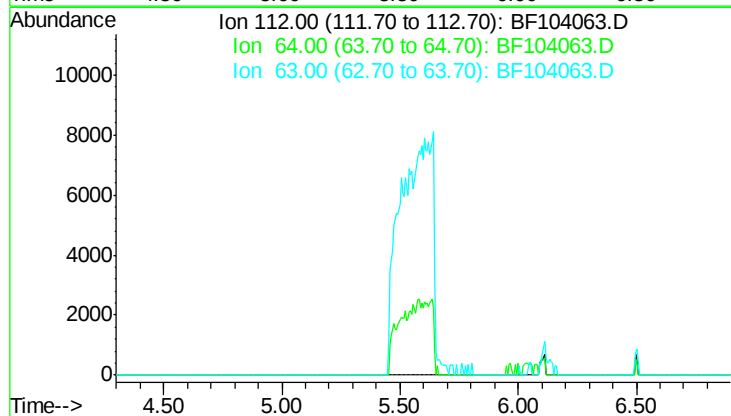


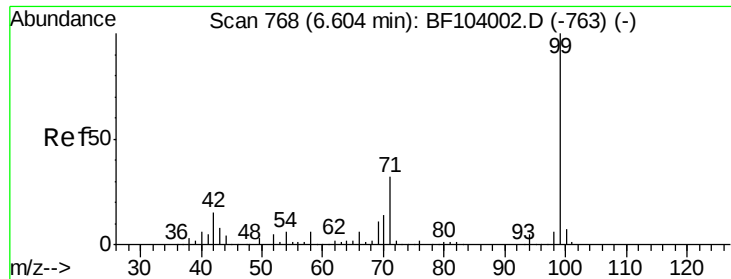
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.60 min

Lab File: BF104063.D
 Acq: 29 Mar 2018 20:40

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 59.9
 63 29.6





#7

Phenol-d6

Concen: 0.032 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.02 min

Lab File: BF104063.D

Acq: 29 Mar 2018 20:40

Instrument :

BNA_F

ClientSampleId :

C0AB4

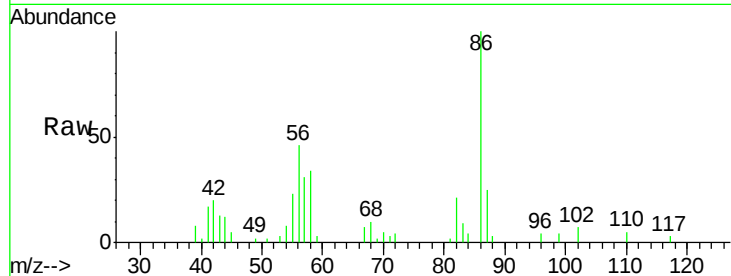
Tot Ion: 99 Resp: 290

Ion Ratio Lower Upper

99 100

42 549.5 14.5 21.7#

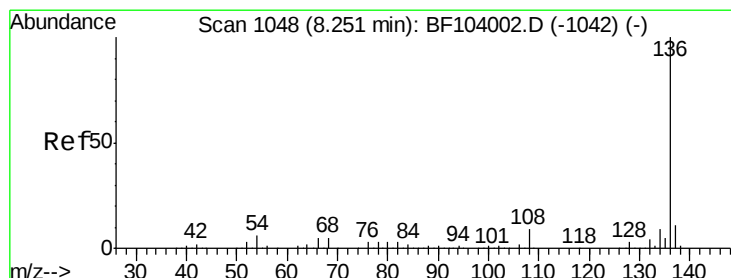
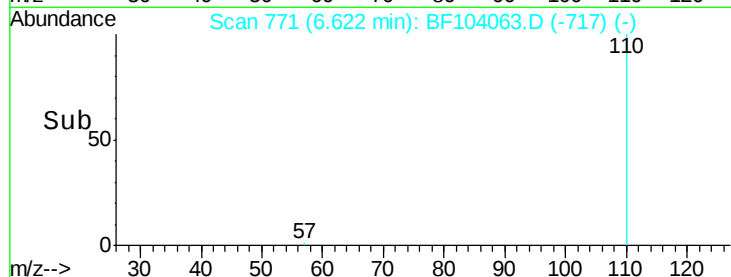
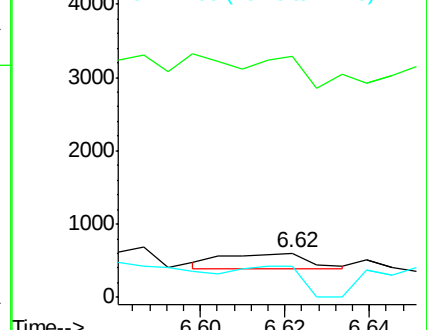
71 71.2 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104063.D

Acq: 29 Mar 2018 20:40

Tgt Ion: 136 Resp: 466734

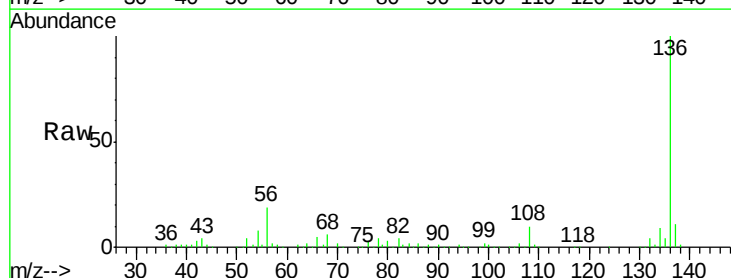
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.6 6.6 9.8

68 6.3 5.0 7.4

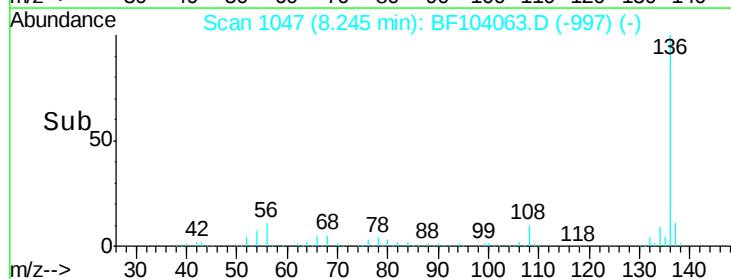
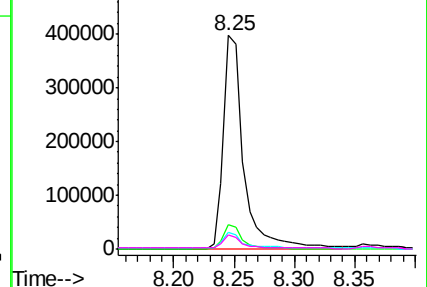


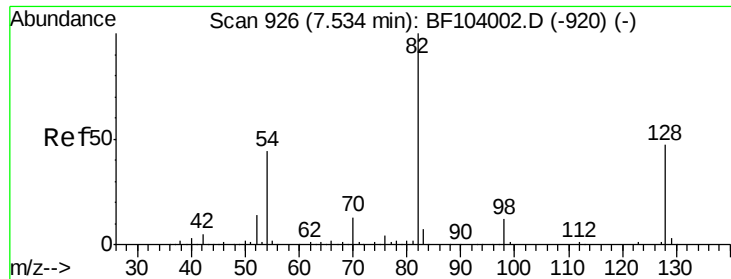
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 1.650 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.02 min

Lab File: BF104063.D

Acq: 29 Mar 2018 20:40

Instrument :

BNA_F

ClientSampleId :

C0AB4

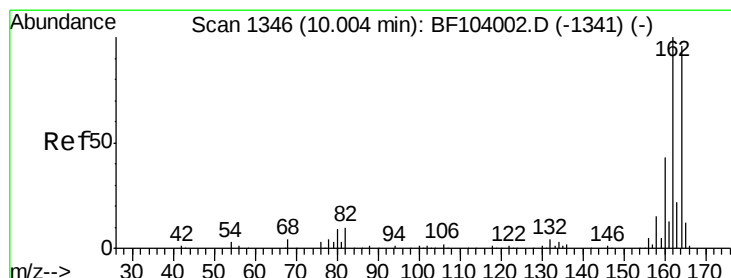
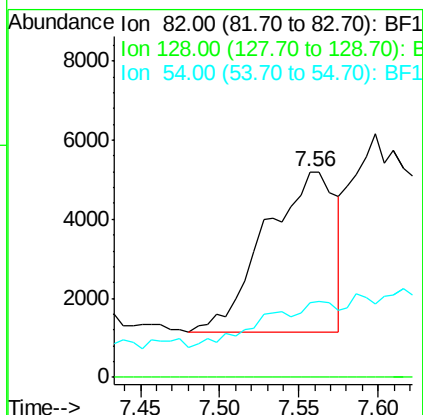
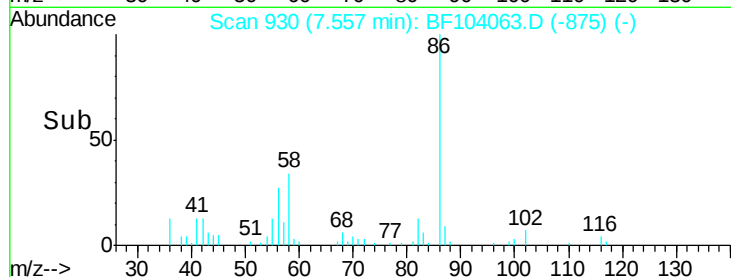
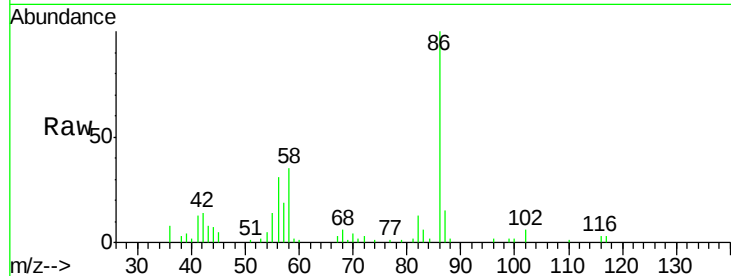
Tot Ion: 82 Resp: 12590

Ion Ratio Lower Upper

82 100

128 0.0 36.1 54.1#

54 36.3 41.4 62.2#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF104063.D

Acq: 29 Mar 2018 20:40

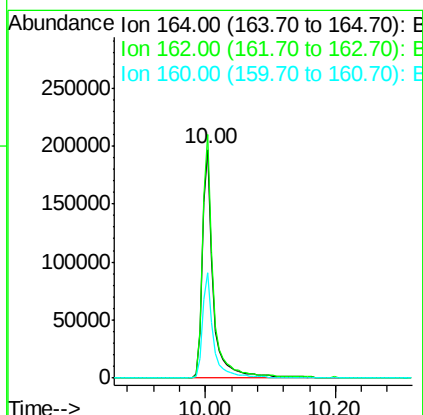
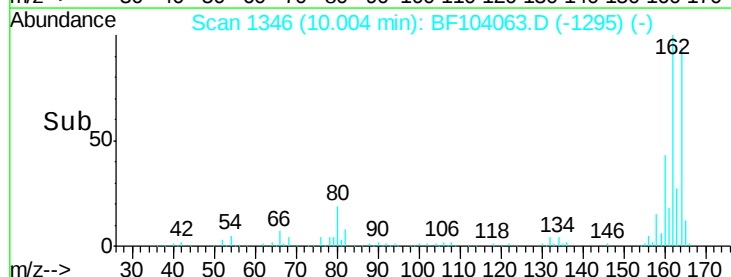
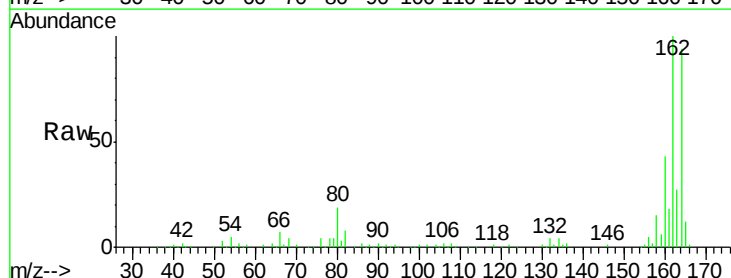
Tgt Ion:164 Resp: 230032

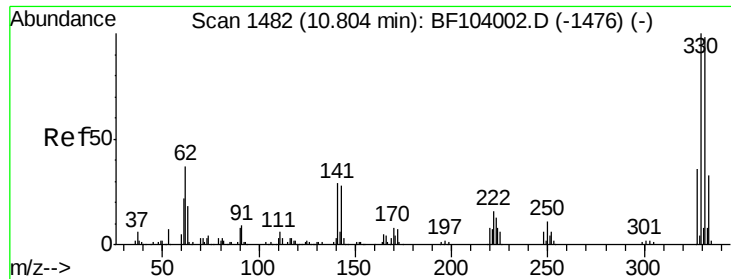
Ion Ratio Lower Upper

164 100

162 106.5 86.1 129.1

160 46.2 38.3 57.5

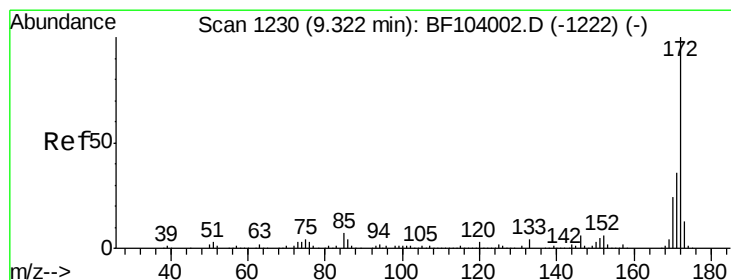
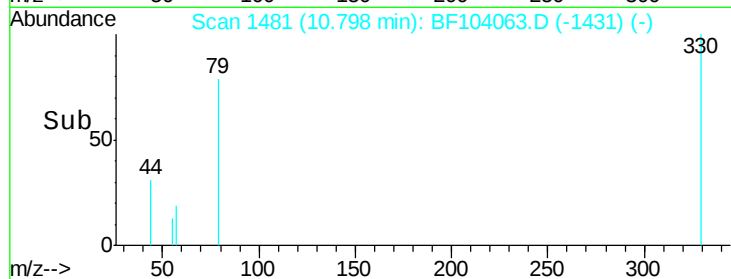
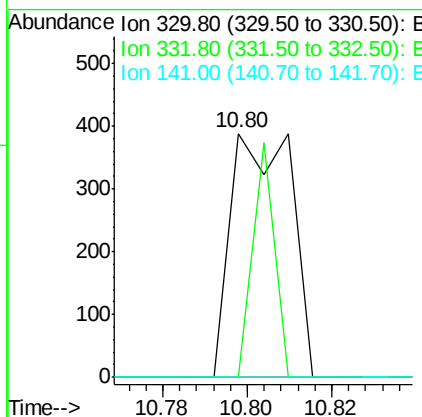
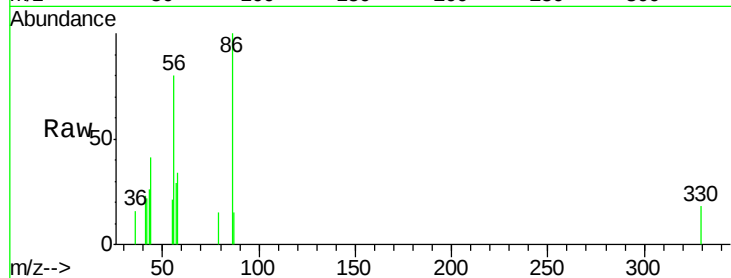




#41
 2,4,6-Tribromophenol
 Concen: 0.151 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104063.D
 Acq: 29 Mar 2018 20:40

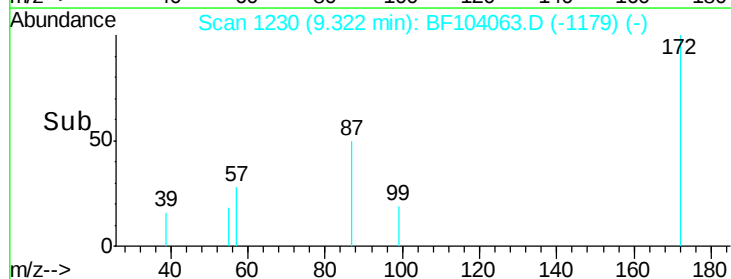
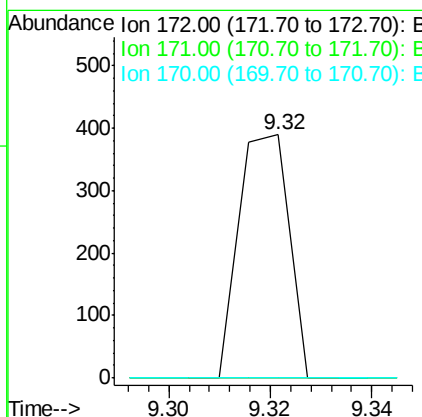
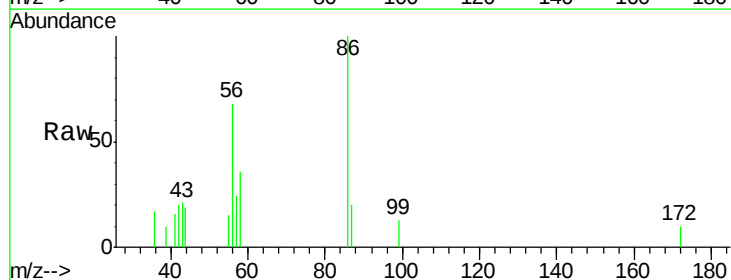
Instrument :
 BNA_F
 ClientSampleId :
 C0AB4

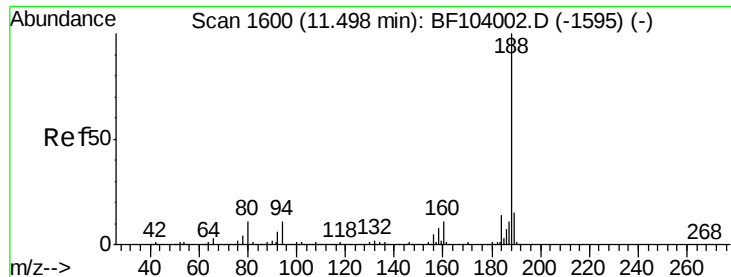
Tot Ion	Ratio	Lower	Upper
330	100		
332	34.0	77.0	115.6#
141	0.0	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 0.019 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF104063.D
 Acq: 29 Mar 2018 20:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	0.0	29.7	44.5#
170	0.0	19.6	29.4#

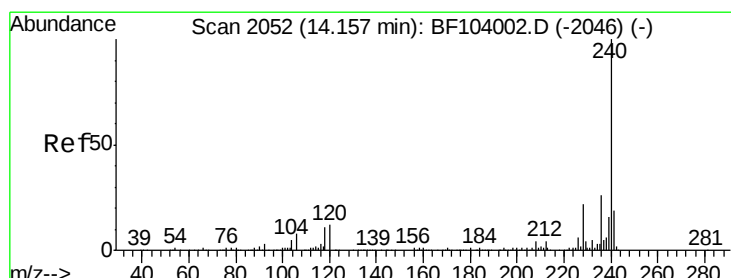
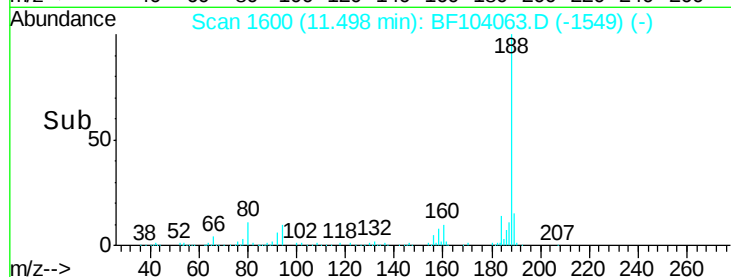
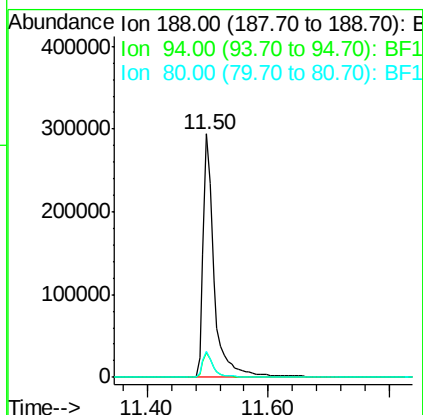
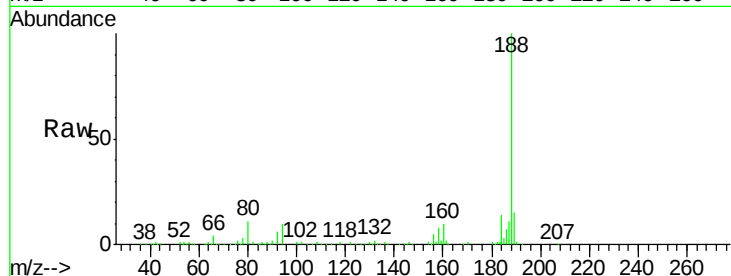




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104063.D
Acq: 29 Mar 2018 20:40

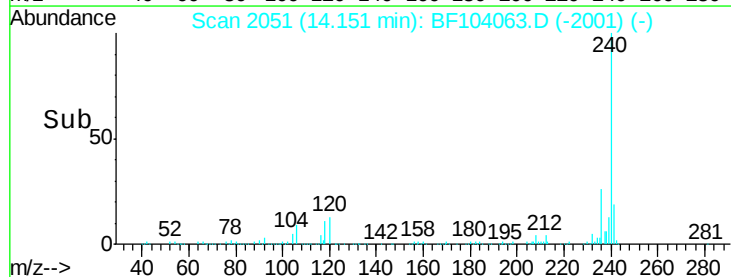
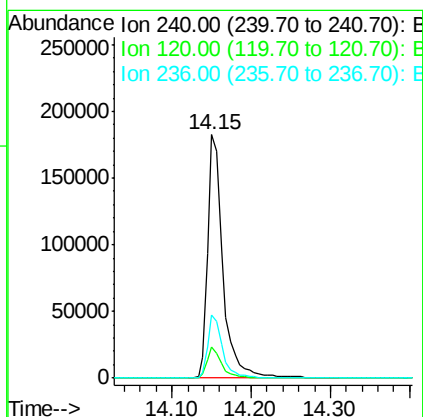
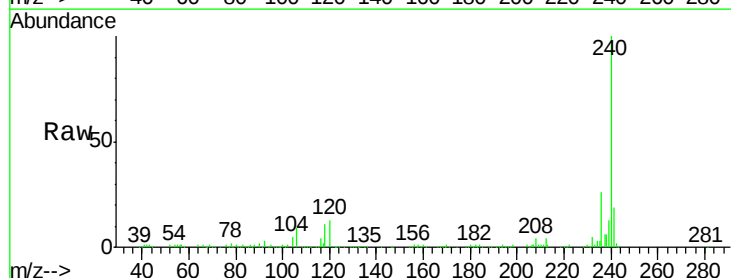
Instrument :
BNA_F
ClientSampleId :
C0AB4

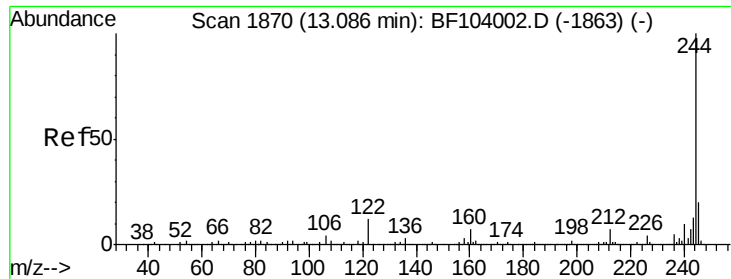
Tot Ion:188 Resp: 375881
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF104063.D
Acq: 29 Mar 2018 20:40

Tgt Ion:240 Resp: 246166
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 0.028 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF104063.D

Acq: 29 Mar 2018 20:40

Instrument :

BNA_F

ClientSampleId :

C0AB4

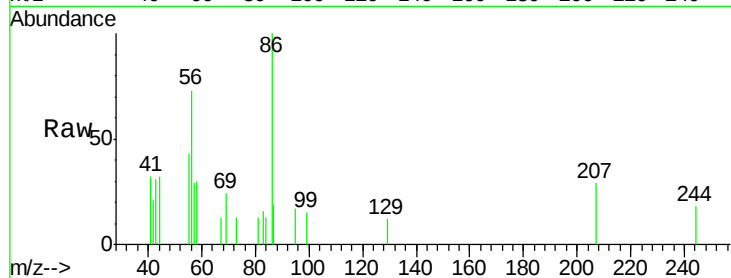
Tot Ion:244 Resp: 302

Ion Ratio Lower Upper

244 100

212 0.0 5.4 8.0#

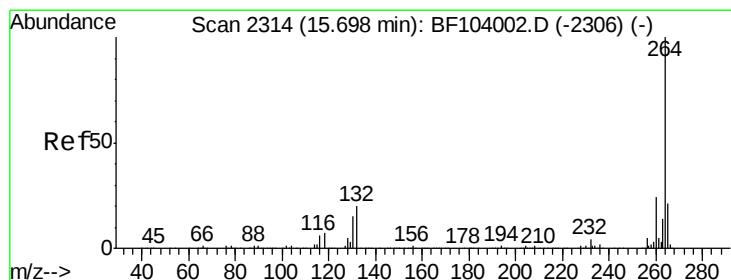
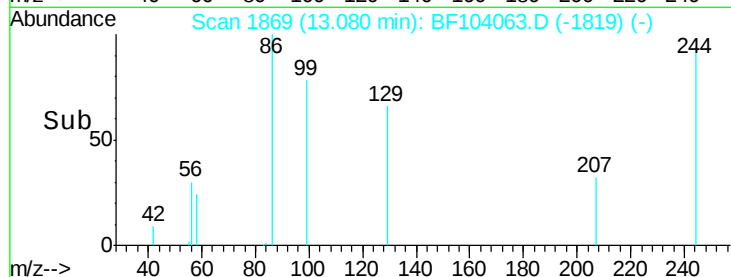
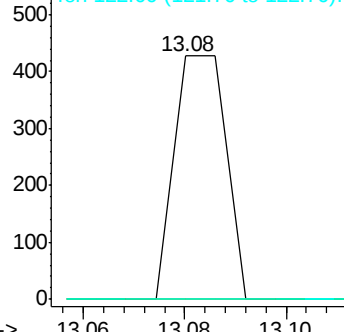
122 0.0 11.0 16.4#



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: 20.000 ng

RT: 15.69 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BF104063.D

Acq: 29 Mar 2018 20:40

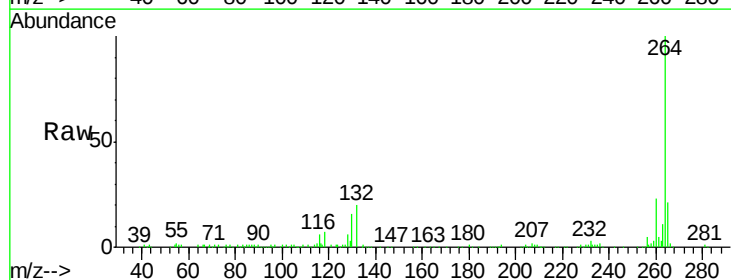
Tgt Ion:264 Resp: 241926

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.7 17.5 26.3



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

