

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104083.D
 Acq On : 30 Mar 2018 6:36
 Operator : JU/SJ
 Sample : PB107808BL
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107808BL

Quant Time: Mar 30 07:34:38 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	6.97	152	104309	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	436880	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	185081	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	292439	20.00	ng	0.00
75) Chrysene-d12	14.16	240	225078	20.00	ng	0.00
86) Perylene-d12	15.70	264	198608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	541785	82.83	ng	0.00
7) Phenol-d6	6.60	99	724793	90.07	ng	0.00
23) Nitrobenzene-d5	7.53	82	621393	86.98	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	141232	68.53	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1193084	101.65	ng	0.00
78) Terphenyl-d14	13.08	244	817957	83.91	ng	0.00

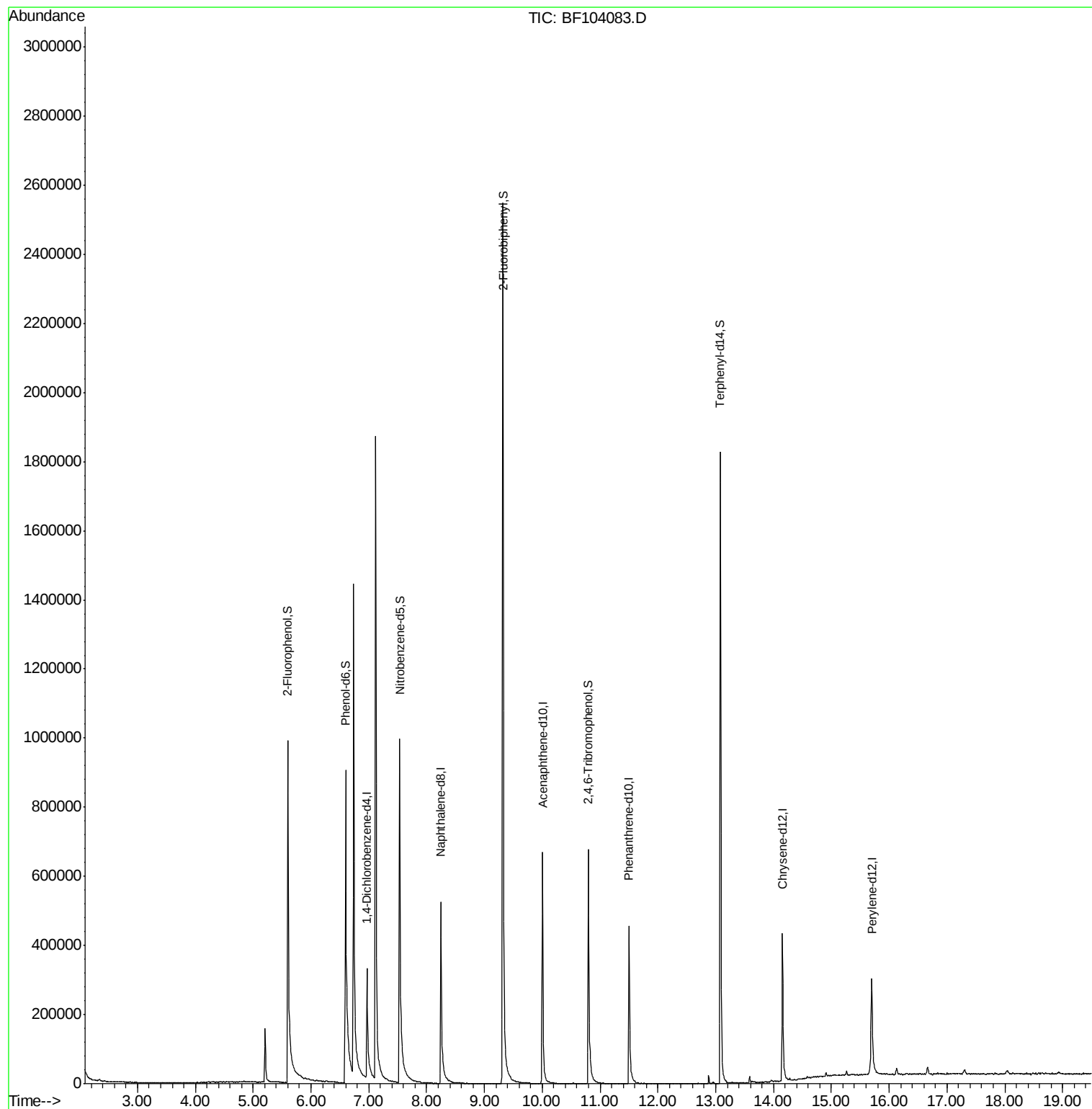
Target Compounds Qvalue

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

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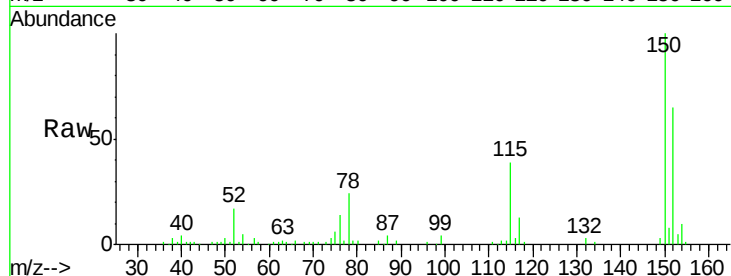


#1

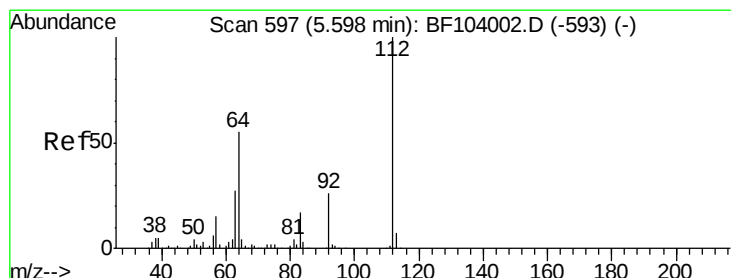
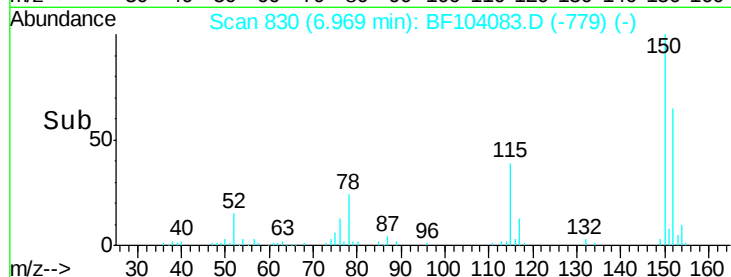
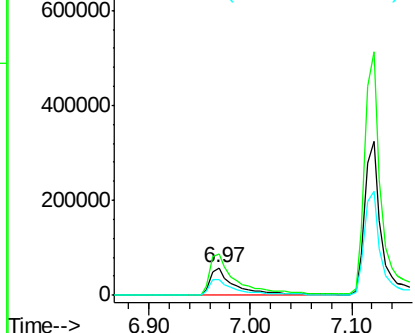
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF104083.D
 Acq: 30 Mar 2018 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PB107808BL

Tot Ion:152 Resp: 104309
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.6 186.8
 115 59.9 50.1 75.1



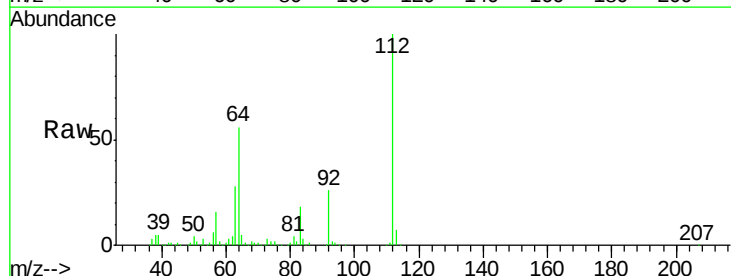
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



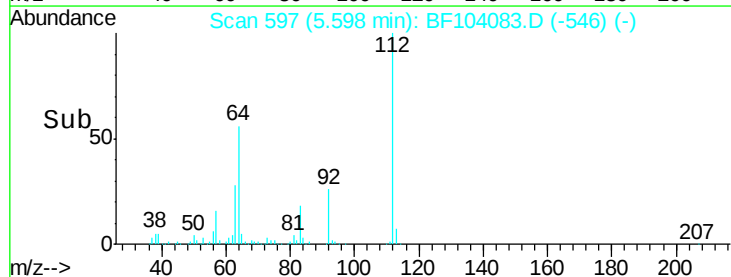
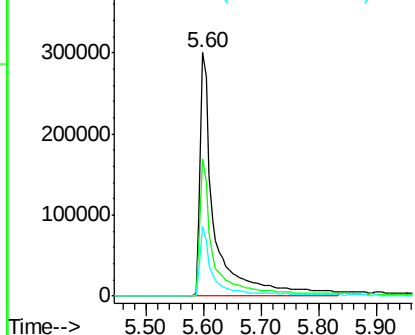
#5

2-Fluorophenol
 Concen: 82.832 ng
 RT: 5.60 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF104083.D
 Acq: 30 Mar 2018 6:36

Tgt Ion:112 Resp: 541785
 Ion Ratio Lower Upper
 112 100
 64 56.2 47.9 71.9
 63 28.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 90.068 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104083.D

Acq: 30 Mar 2018 6:36

Instrument :

BNA_F

ClientSampleId :

PB107808BL

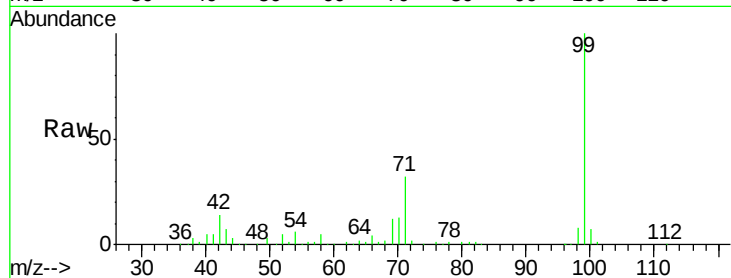
Tot Ion: 99 Resp: 724793

Ion Ratio Lower Upper

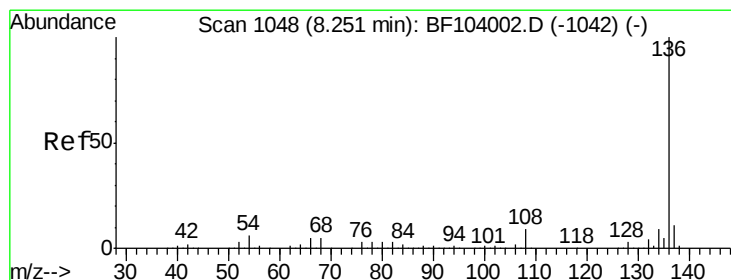
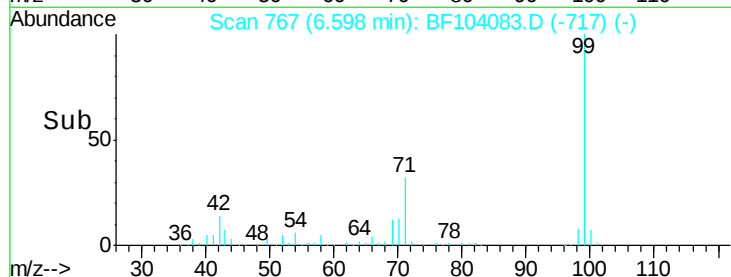
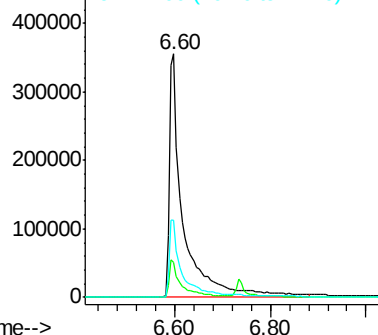
99 100

42 14.5 14.5 21.7

71 31.6 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: BF104083.D

Acq: 30 Mar 2018 6:36

Tgt Ion: 136 Resp: 436880

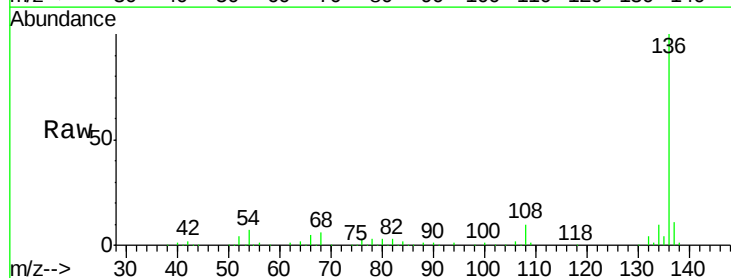
Ion Ratio Lower Upper

136 100

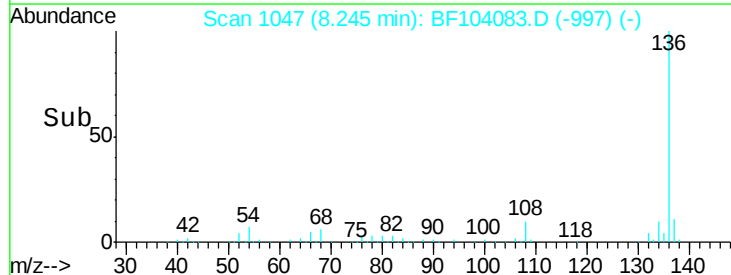
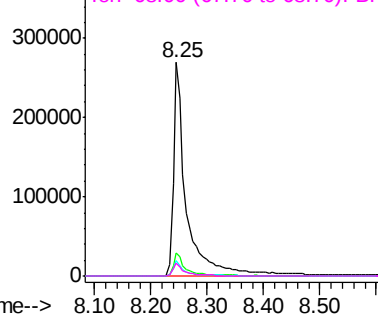
137 11.0 8.9 13.3

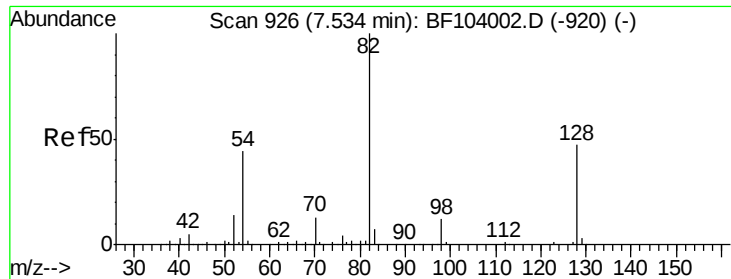
54 7.3 6.6 9.8

68 6.1 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

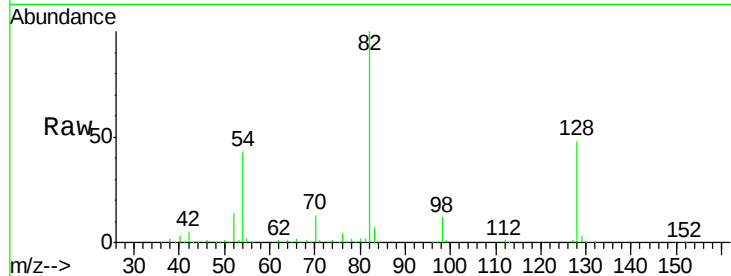




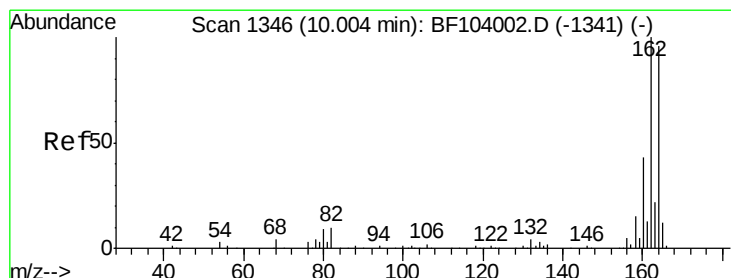
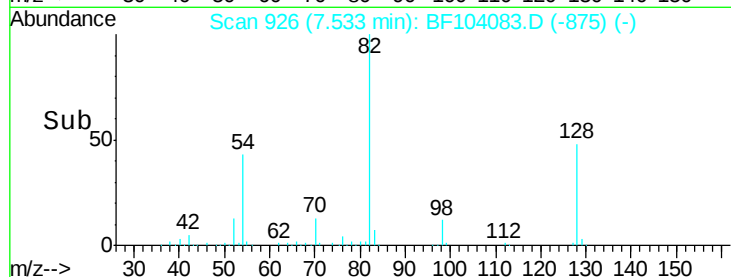
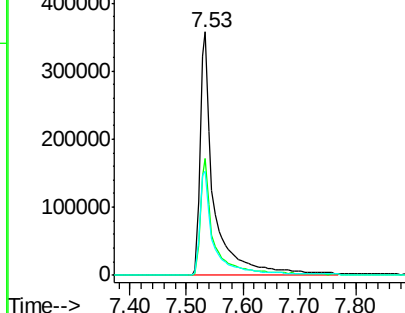
#23
Nitrobenzene-d5
Concen: 86.984 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104083.D
Acq: 30 Mar 2018 6:36

Instrument :
BNA_F
ClientSampleId :
PB107808BL

Tot Ion: 82 Resp: 621393
Ion Ratio Lower Upper
82 100
128 48.3 36.1 54.1
54 42.8 41.4 62.2

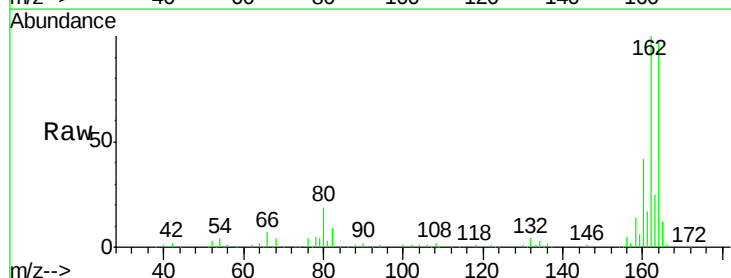


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

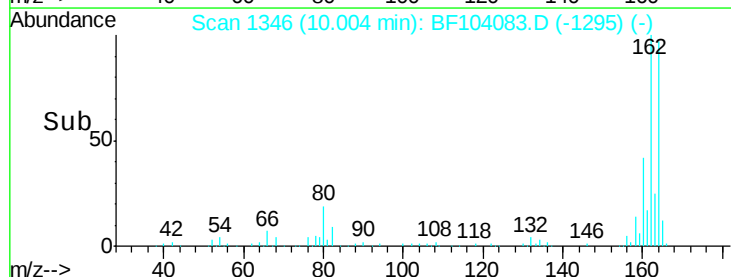
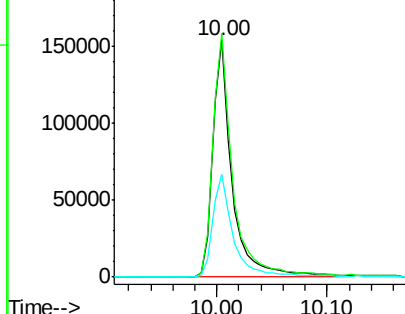


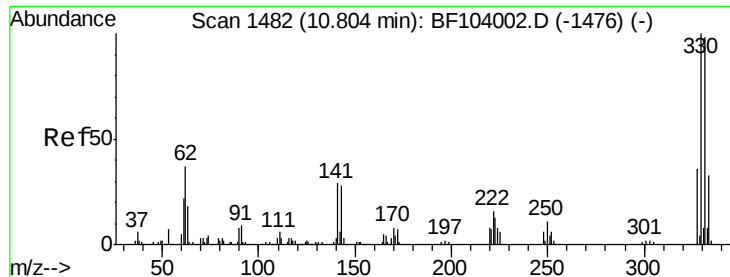
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104083.D
Acq: 30 Mar 2018 6:36

Tgt Ion:164 Resp: 185081
Ion Ratio Lower Upper
164 100
162 102.7 86.1 129.1
160 43.3 38.3 57.5



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

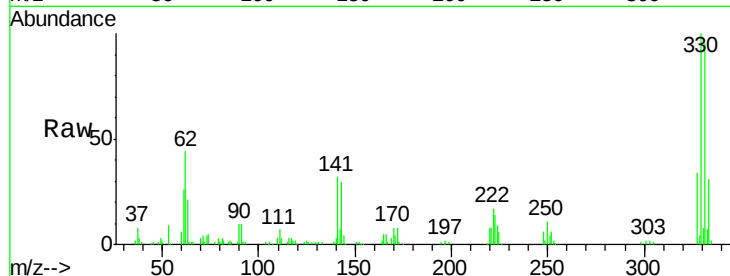




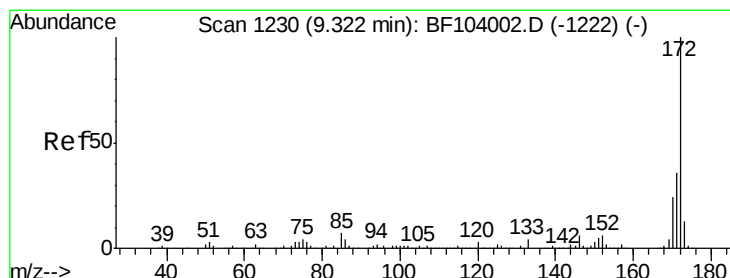
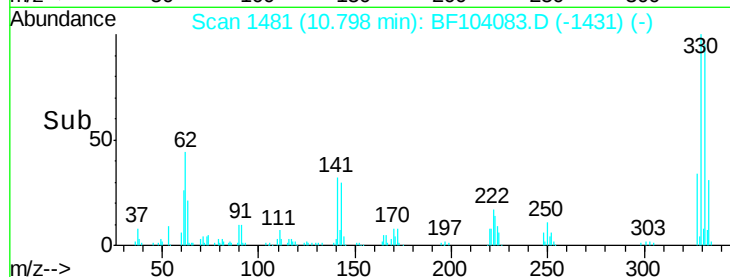
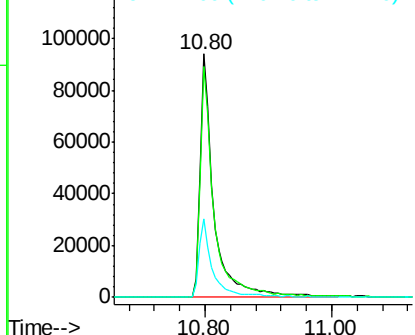
#41
 2,4,6-Tribromophenol
 Concen: 68.530 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104083.D
 Acq: 30 Mar 2018 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PB107808BL

Tot Ion:330 Resp: 141232
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 31.1 29.9 44.9

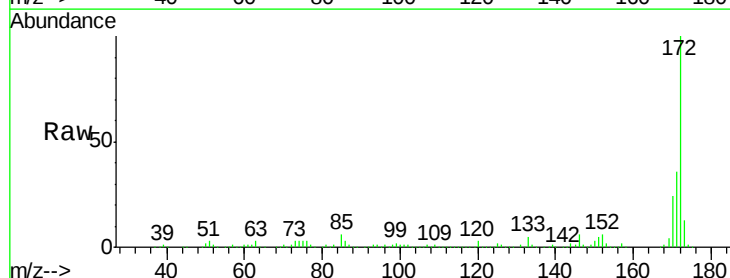


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

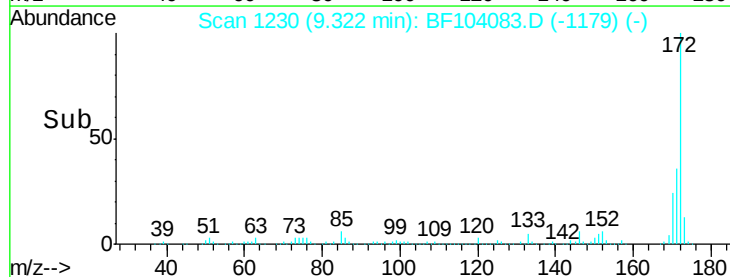
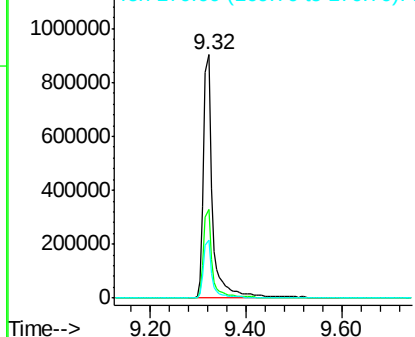


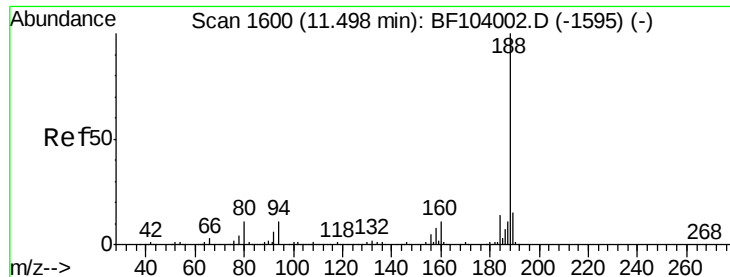
#44
 2-Fluorobiphenyl
 Concen: 101.652 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF104083.D
 Acq: 30 Mar 2018 6:36

Tgt Ion:172 Resp: 1193084
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.7 19.6 29.4



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

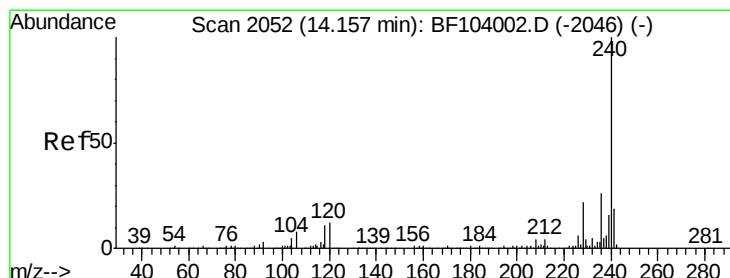
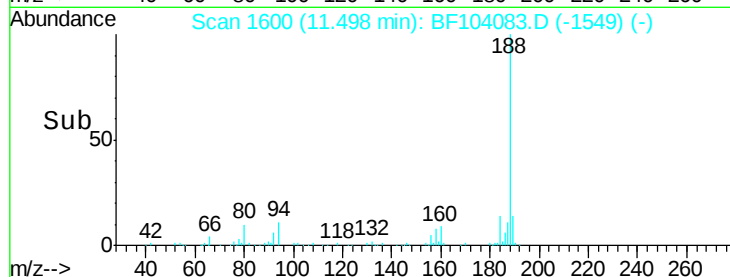
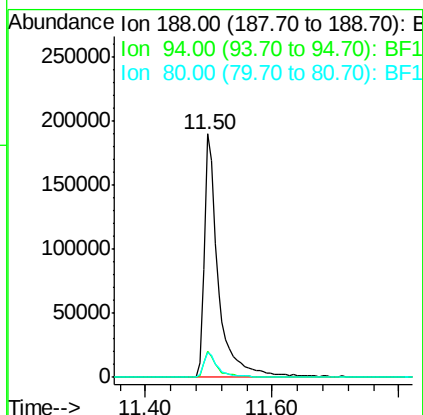
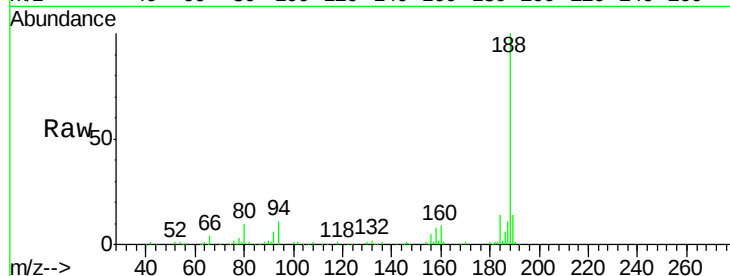




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104083.D
Acq: 30 Mar 2018 6:36

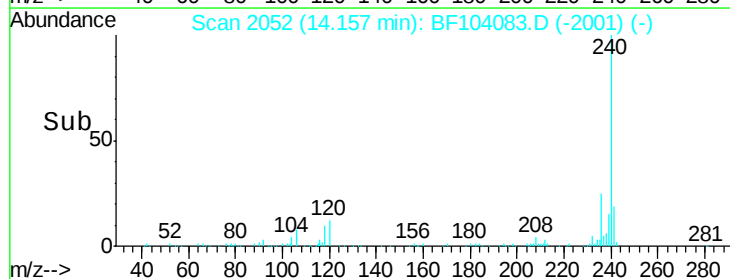
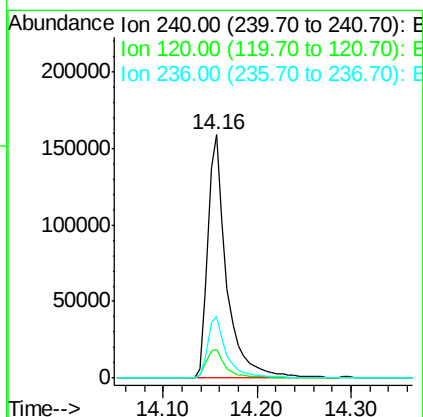
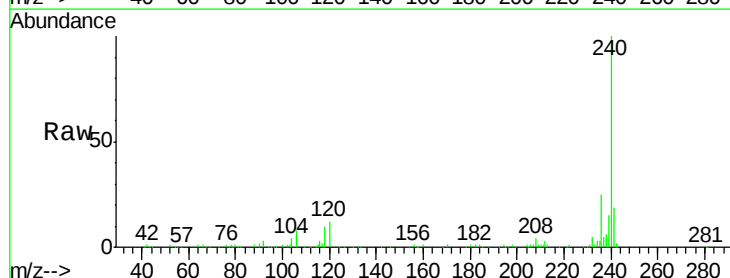
Instrument :
BNA_F
ClientSampleId :
PB107808BL

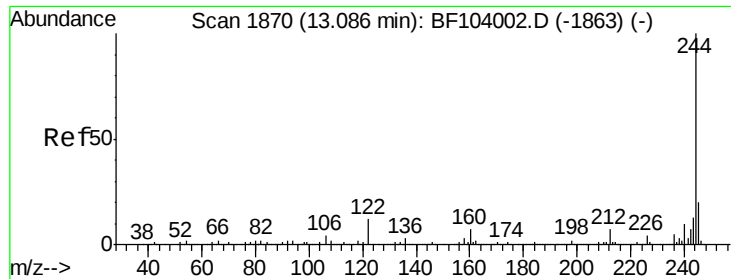
Tot Ion:188 Resp: 292439
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 10.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104083.D
Acq: 30 Mar 2018 6:36

Tgt Ion:240 Resp: 225078
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 83.910 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF104083.D

Acq: 30 Mar 2018 6:36

Instrument :

BNA_F

ClientSampleId :

PB107808BL

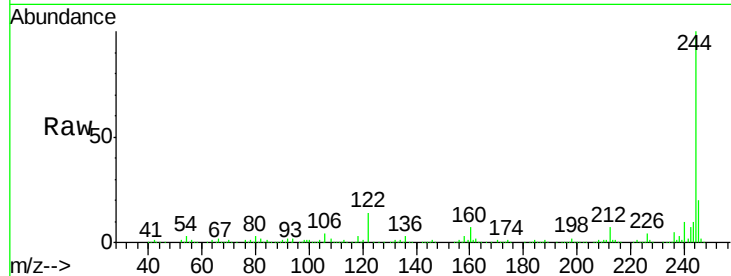
Tot Ion:244 Resp: 817957

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

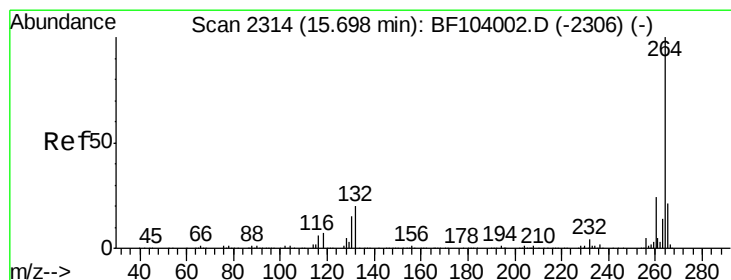
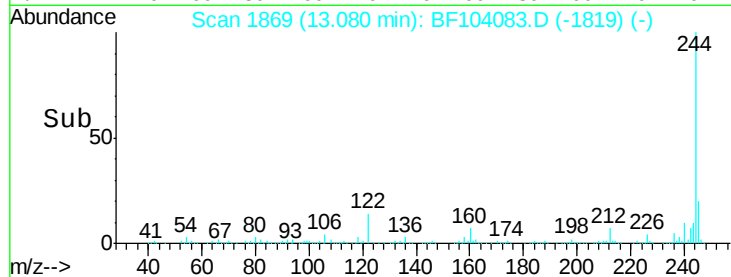
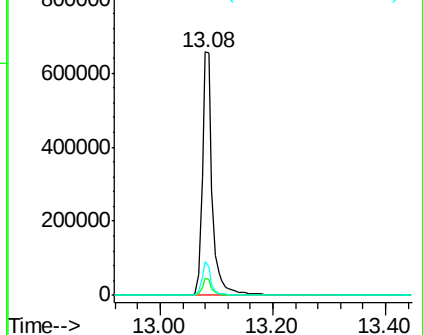
122 13.6 11.0 16.4



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: 15.70 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BF104083.D

Acq: 30 Mar 2018 6:36

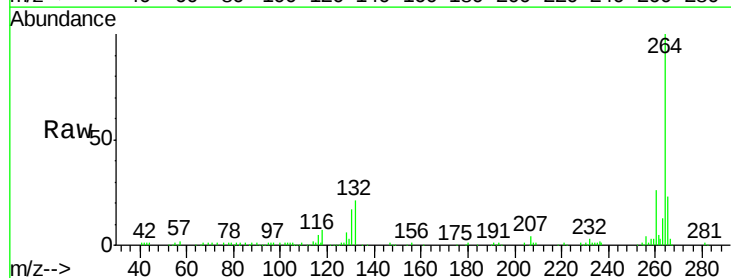
Tgt Ion:264 Resp: 198608

Ion Ratio Lower Upper

264 100

260 25.5 19.2 28.8

265 23.4 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

