

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103686.D
 Acq On : 16 Mar 2018 10:37
 Operator : JU/SJ
 Sample : PB107358BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107358BL

Quant Time: Mar 16 14:13:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 13:24:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	170543	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	695522	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	332468	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	620391	20.00	ng	0.00
75) Chrysene-d12	14.14	240	545221	20.00	ng	0.00
86) Perylene-d12	15.67	264	483503	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1361424	121.42	ng	0.01
7) Phenol-d6	6.59	99	1646957	120.06	ng	0.00
23) Nitrobenzene-d5	7.53	82	1001950	100.46	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	297557	104.09	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1703863	81.75	ng	0.00
78) Terphenyl-d14	13.09	244	1785435	76.01	ng	0.00

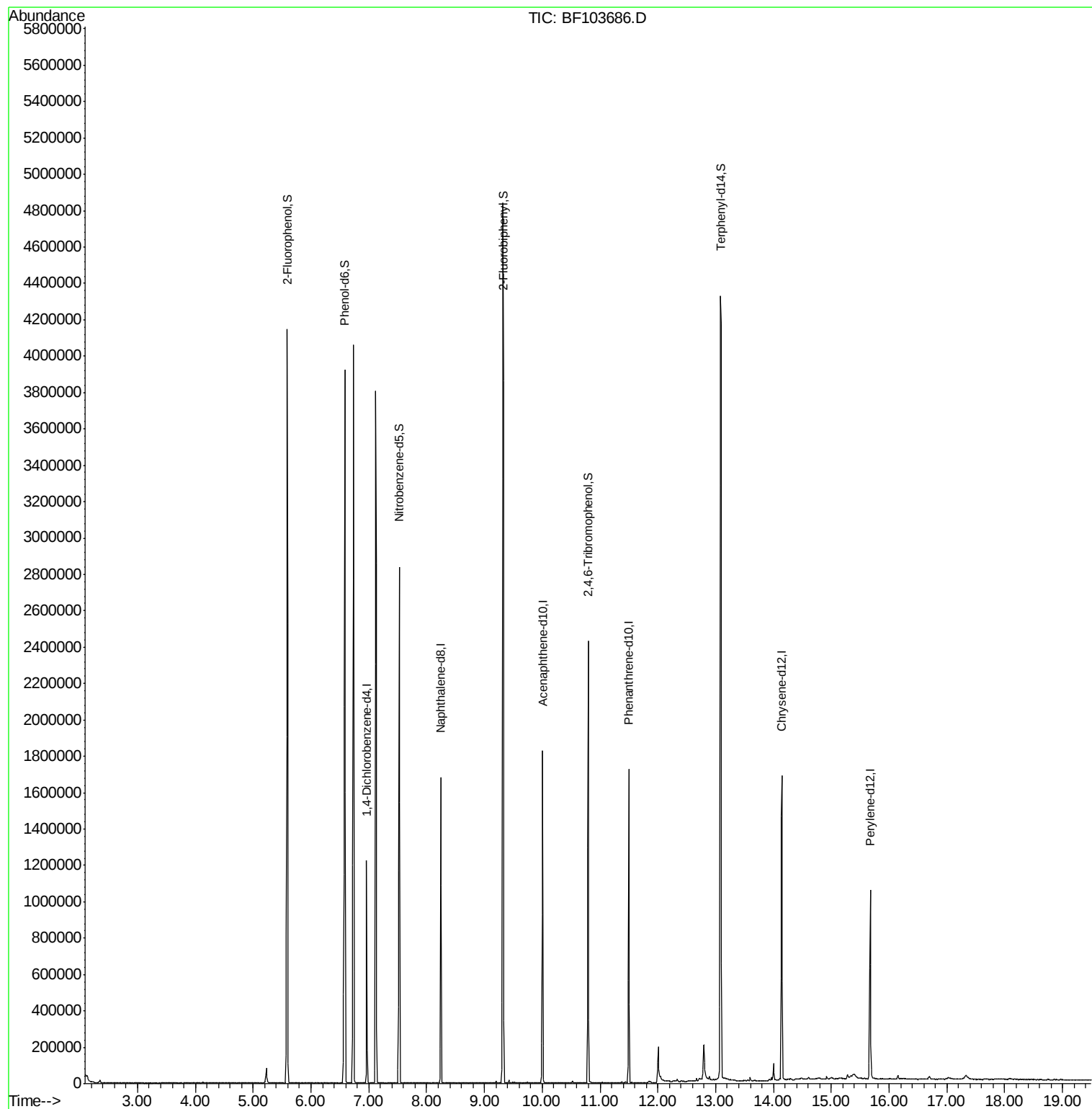
Target Compounds Qvalue

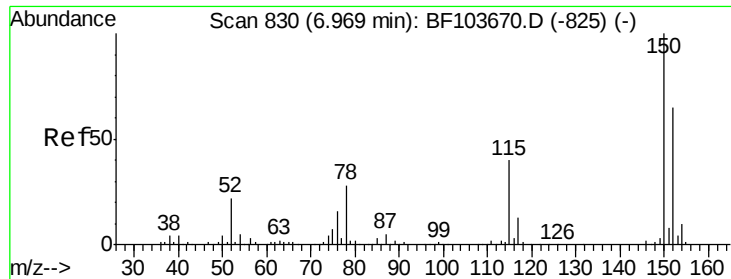
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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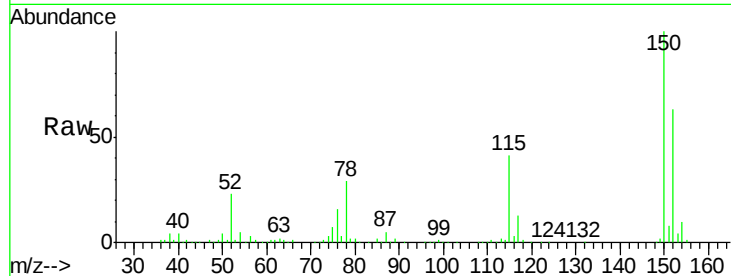


#1

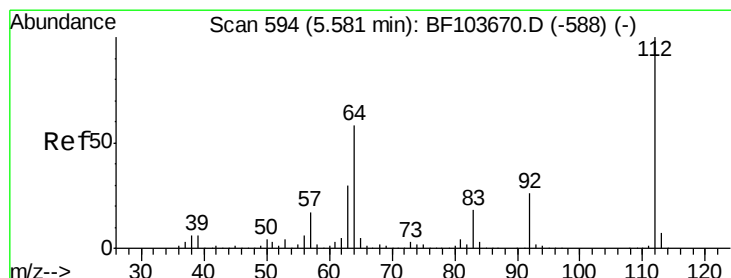
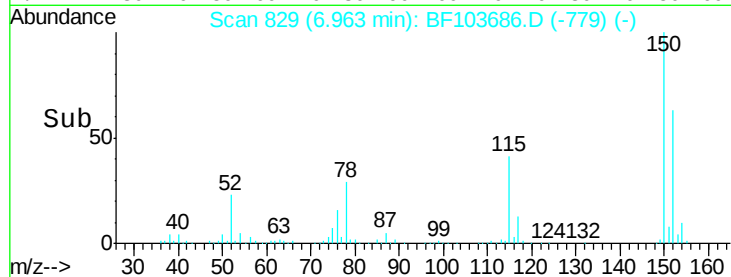
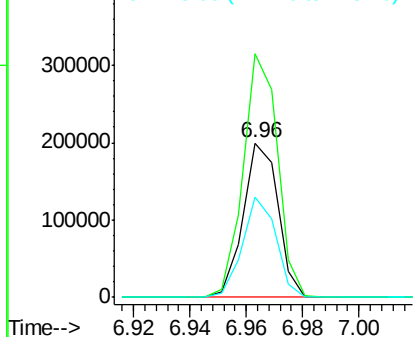
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF103686.D
Acq: 16 Mar 2018 10:37

Instrument :
BNA_F
ClientSampleId :
PB107358BL

Tot Ion:152 Resp: 170543
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 64.9 50.1 75.1



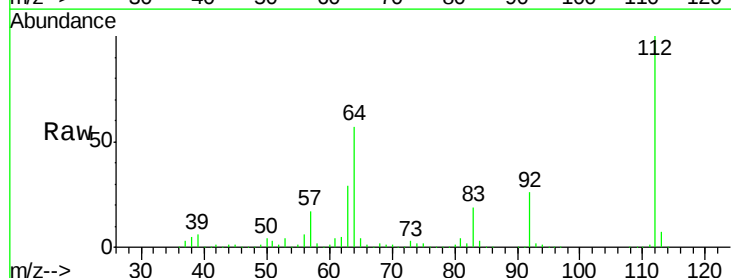
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



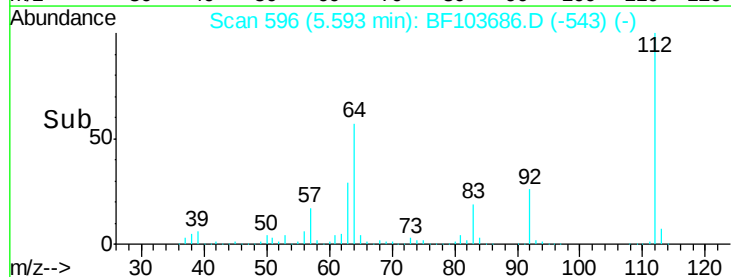
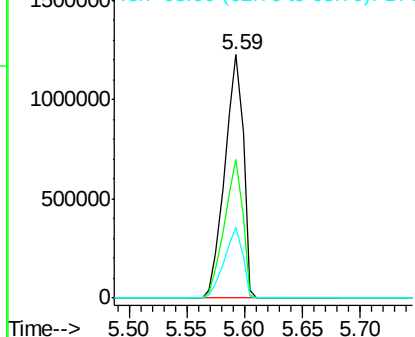
#5

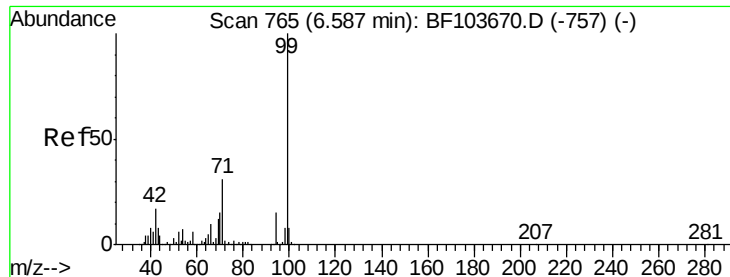
2-Fluorophenol
Concen: 121.419 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF103686.D
Acq: 16 Mar 2018 10:37

Tgt Ion:112 Resp: 1361424
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 29.0 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: 120.060 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF103686.D

Acq: 16 Mar 2018 10:37

Instrument :

BNA_F

ClientSampleId :

PB107358BL

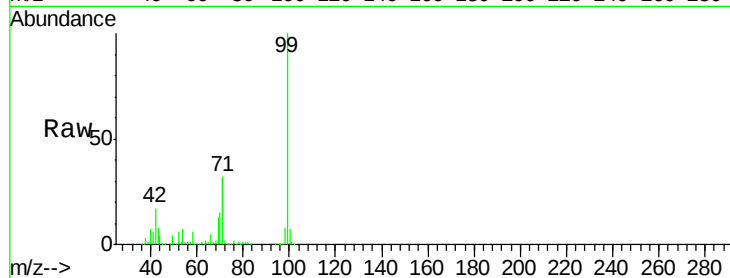
Tot Ion: 99 Resp: 1646957

Ion Ratio Lower Upper

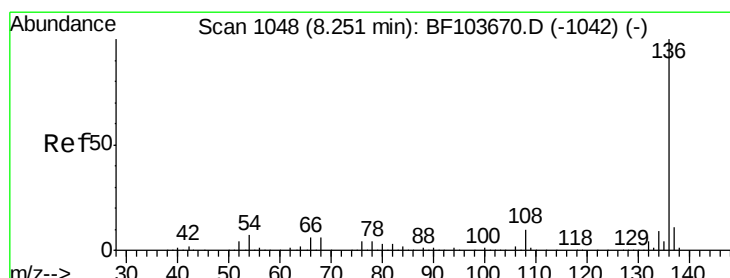
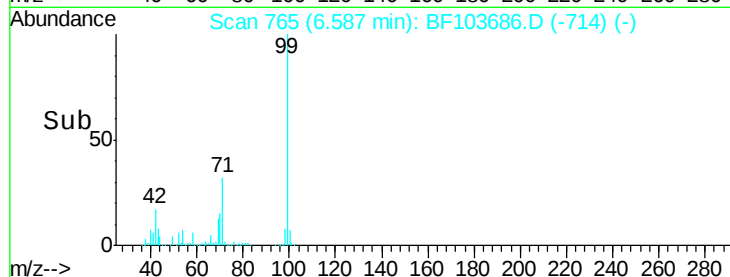
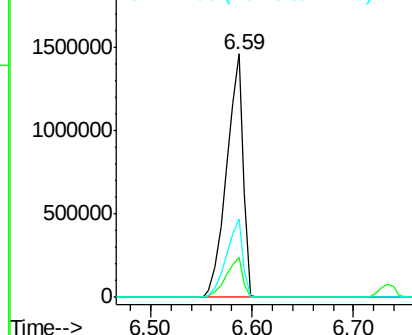
99 100

42 16.5 14.5 21.7

71 32.3 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: BF103686.D

Acq: 16 Mar 2018 10:37

Tgt Ion: 136 Resp: 695522

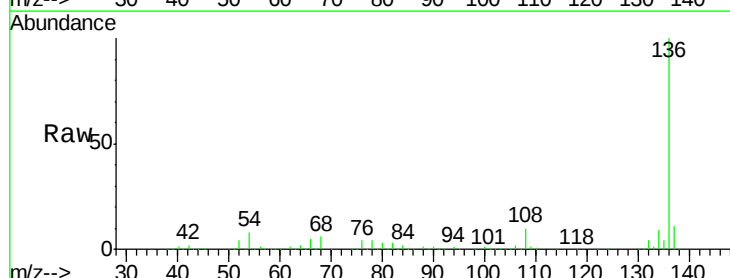
Ion Ratio Lower Upper

136 100

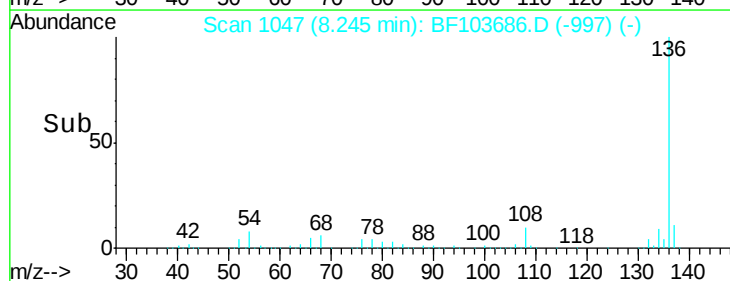
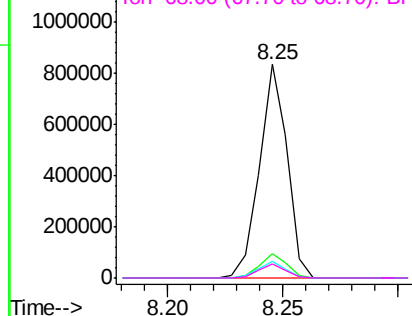
137 11.3 8.9 13.3

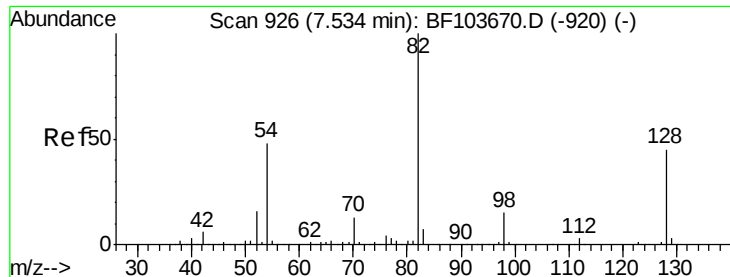
54 7.8 6.6 9.8

68 6.4 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

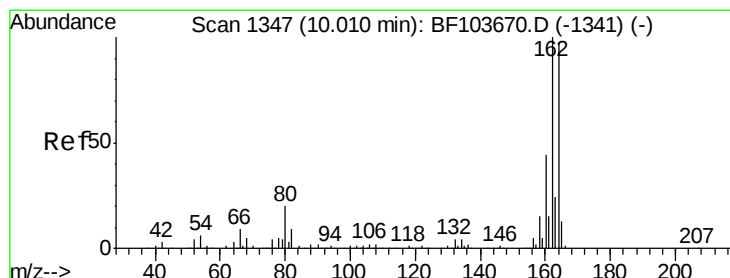
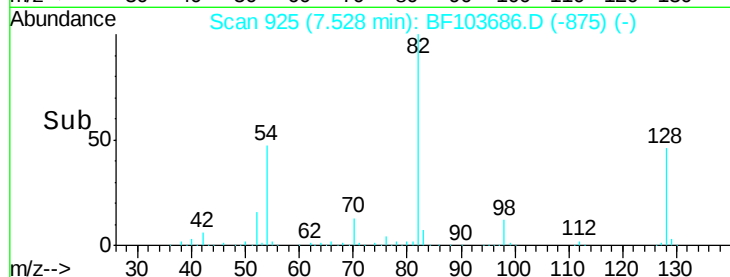
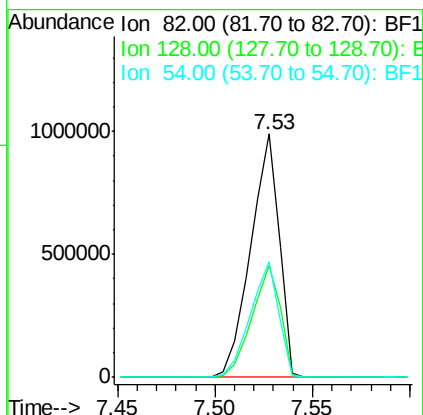
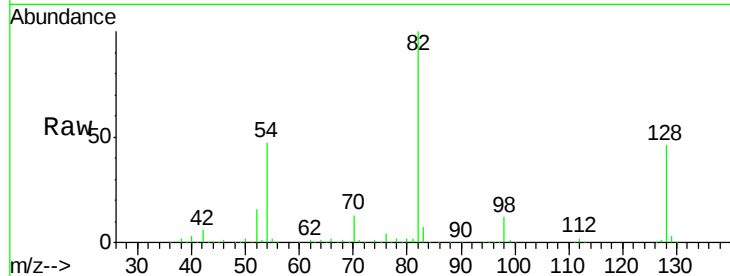




#23
Nitrobenzene-d5
Concen: 100.460 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103686.D
Acq: 16 Mar 2018 10:37

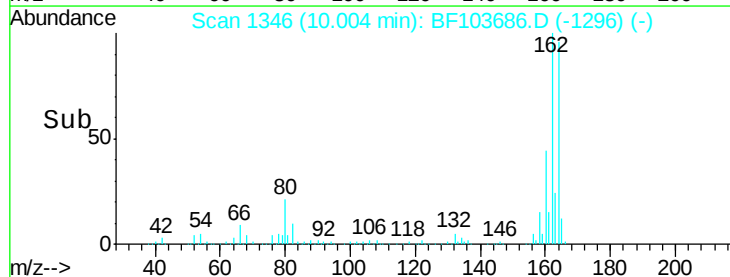
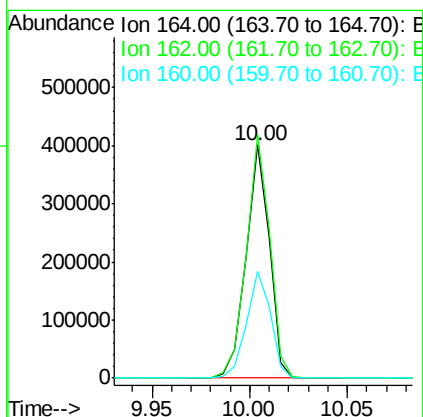
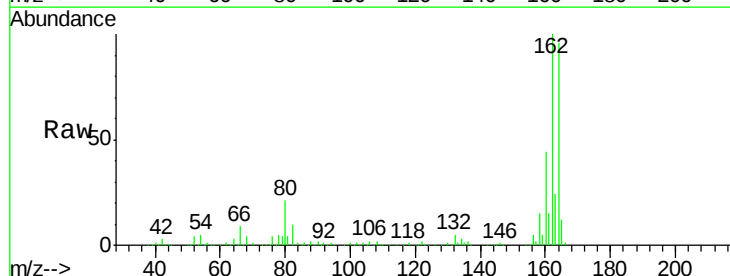
Instrument :
BNA_F
ClientSampleId :
PB107358BL

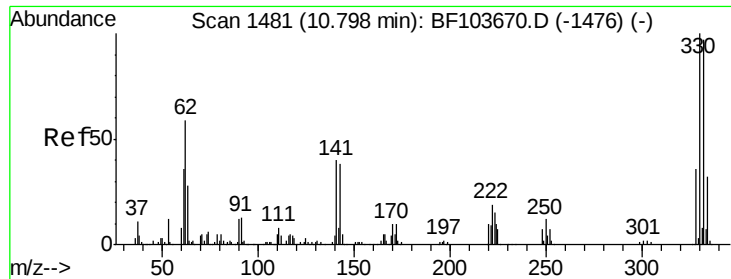
Tot Ion: 82 Resp: 1001950
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 47.4 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF103686.D
Acq: 16 Mar 2018 10:37

Tgt Ion:164 Resp: 332468
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 45.9 38.3 57.5

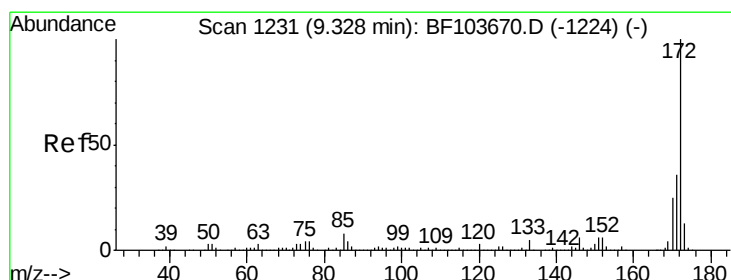
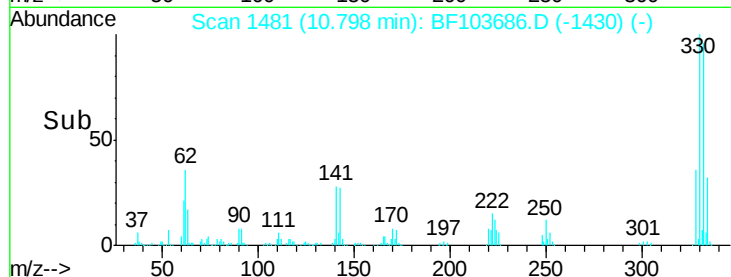
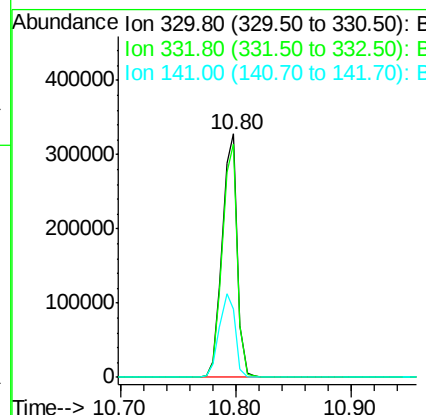
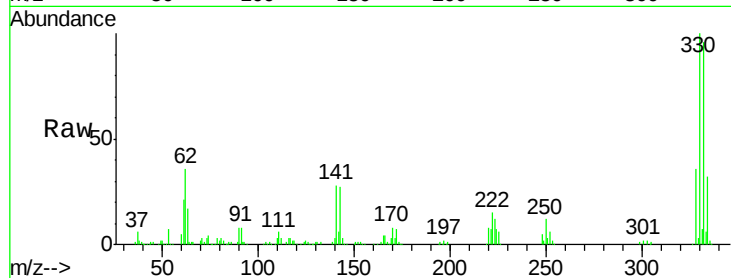




#41
 2,4,6-Tribromophenol
 Concen: 104.093 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BF103686.D
 Acq: 16 Mar 2018 10:37

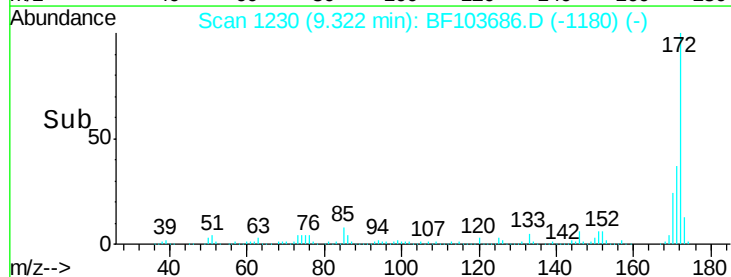
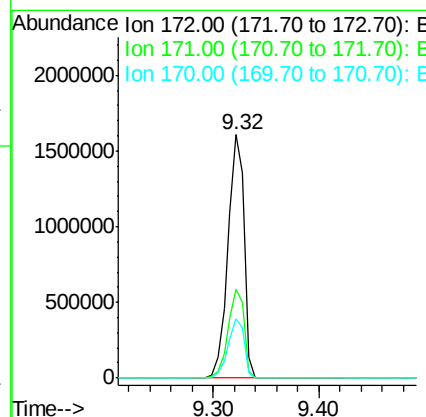
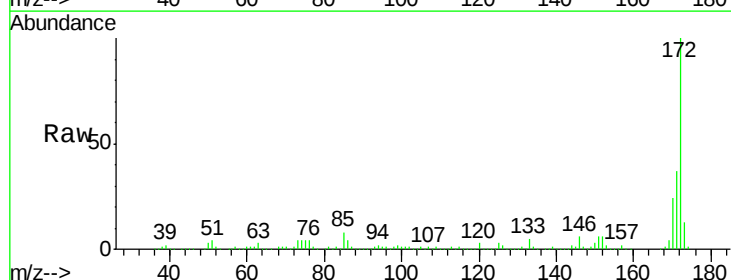
Instrument :
 BNA_F
 ClientSampleId :
 PB107358BL

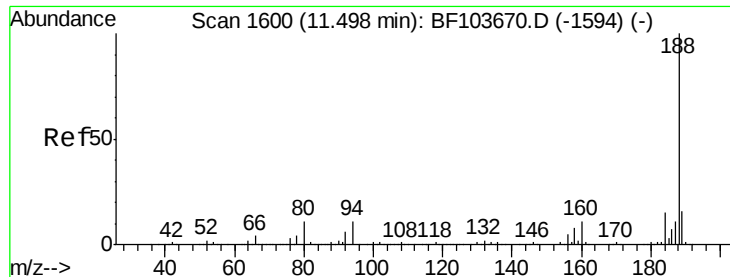
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	36.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 81.750 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103686.D
 Acq: 16 Mar 2018 10:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.2	19.6	29.4

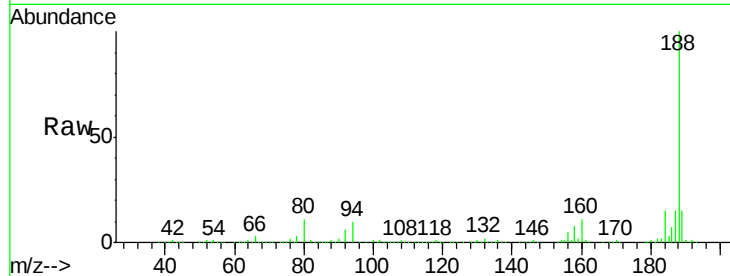




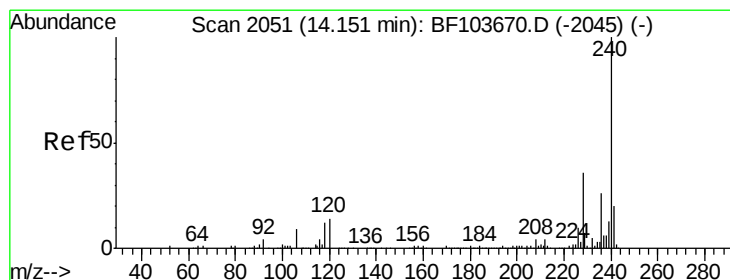
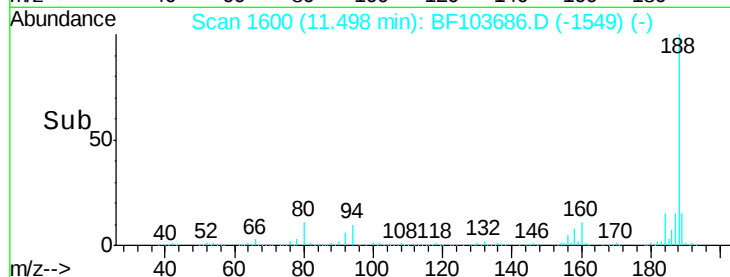
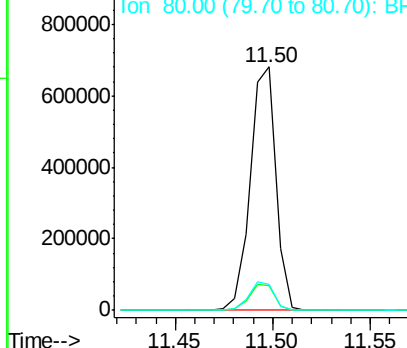
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF103686.D
Acq: 16 Mar 2018 10:37

Instrument :
BNA_F
ClientSampleId :
PB107358BL

Tot Ion:188 Resp: 620391
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.6 9.2 13.8

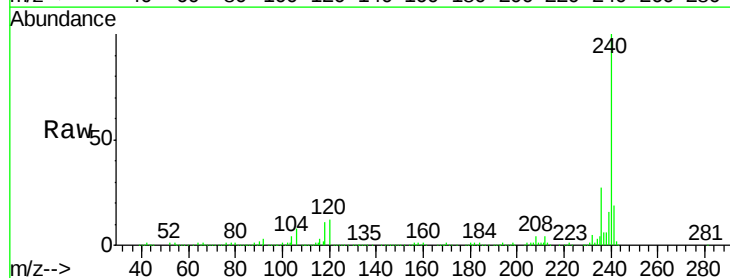


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

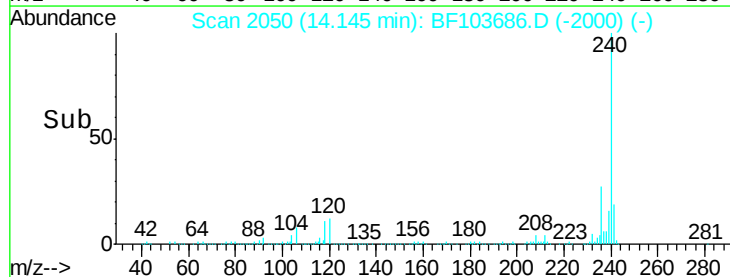
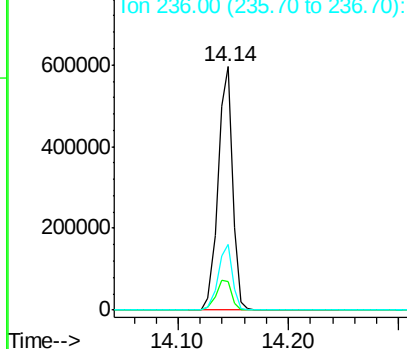


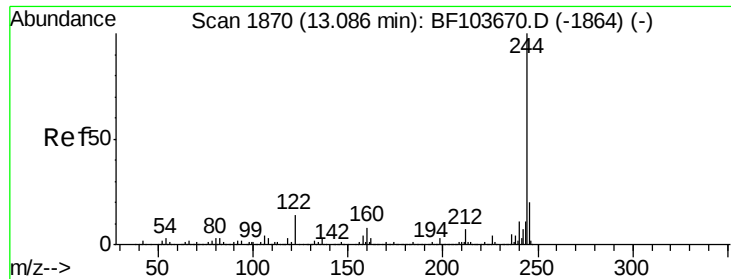
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF103686.D
Acq: 16 Mar 2018 10:37

Tgt Ion:240 Resp: 545221
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 26.8 20.7 31.1



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





#78

Terphenyl-d14

Concen: 76.011 ng

RT: 13.09 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BF103686.D

Acq: 16 Mar 2018 10:37

Instrument :

BNA_F

ClientSampleId :

PB107358BL

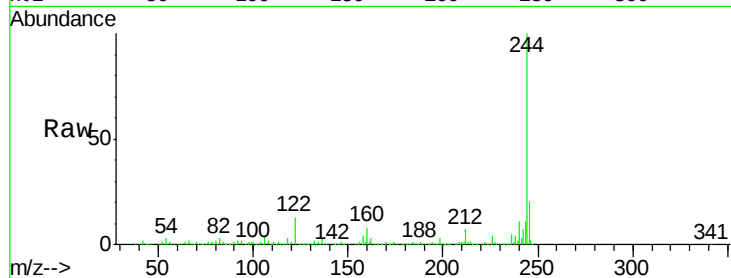
Tot Ion:244 Resp: 1785435

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

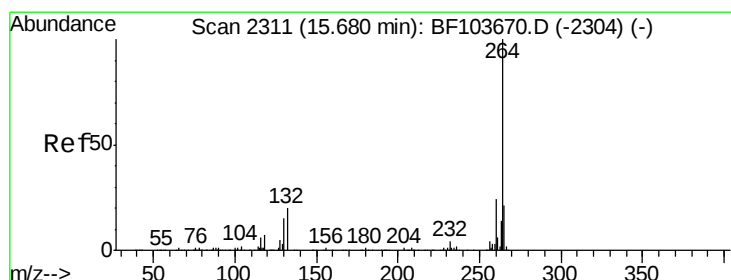
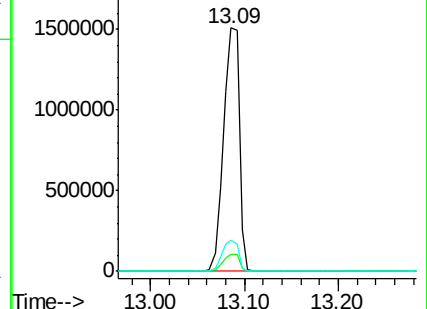
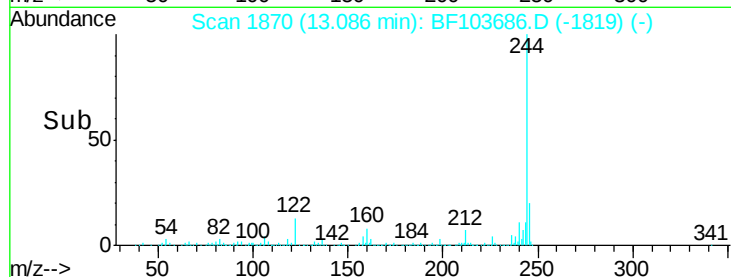
122 13.0 11.0 16.4



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: 15.67 min Scan# 2310

Delta R.T. 0.00 min

Lab File: BF103686.D

Acq: 16 Mar 2018 10:37

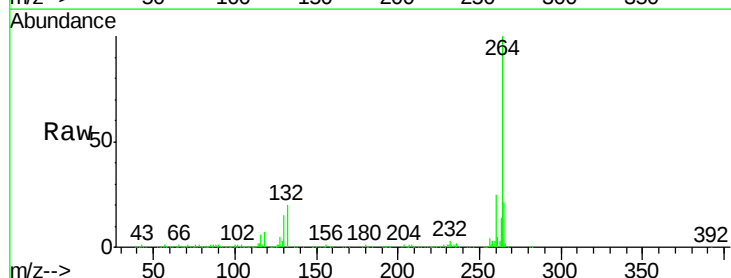
Tgt Ion:264 Resp: 483503

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.2 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

