

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
 Data File : BF103681.D
 Acq On : 15 Mar 2018 21:09
 Operator : JU/SJ
 Sample : PB107343BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BL

Quant Time: Mar 16 05:05:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	162903	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	680984	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	323366	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	609556	20.00	ng	0.00
75) Chrysene-d12	14.14	240	518145	20.00	ng	0.00
86) Perylene-d12	15.67	264	478155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1063466	99.29	ng	0.01
7) Phenol-d6	6.58	99	1287450	98.25	ng	0.00
23) Nitrobenzene-d5	7.53	82	766798	78.52	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	293462	105.55	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1412065	69.66	ng	0.00
78) Terphenyl-d14	13.09	244	1429415	64.03	ng	0.00

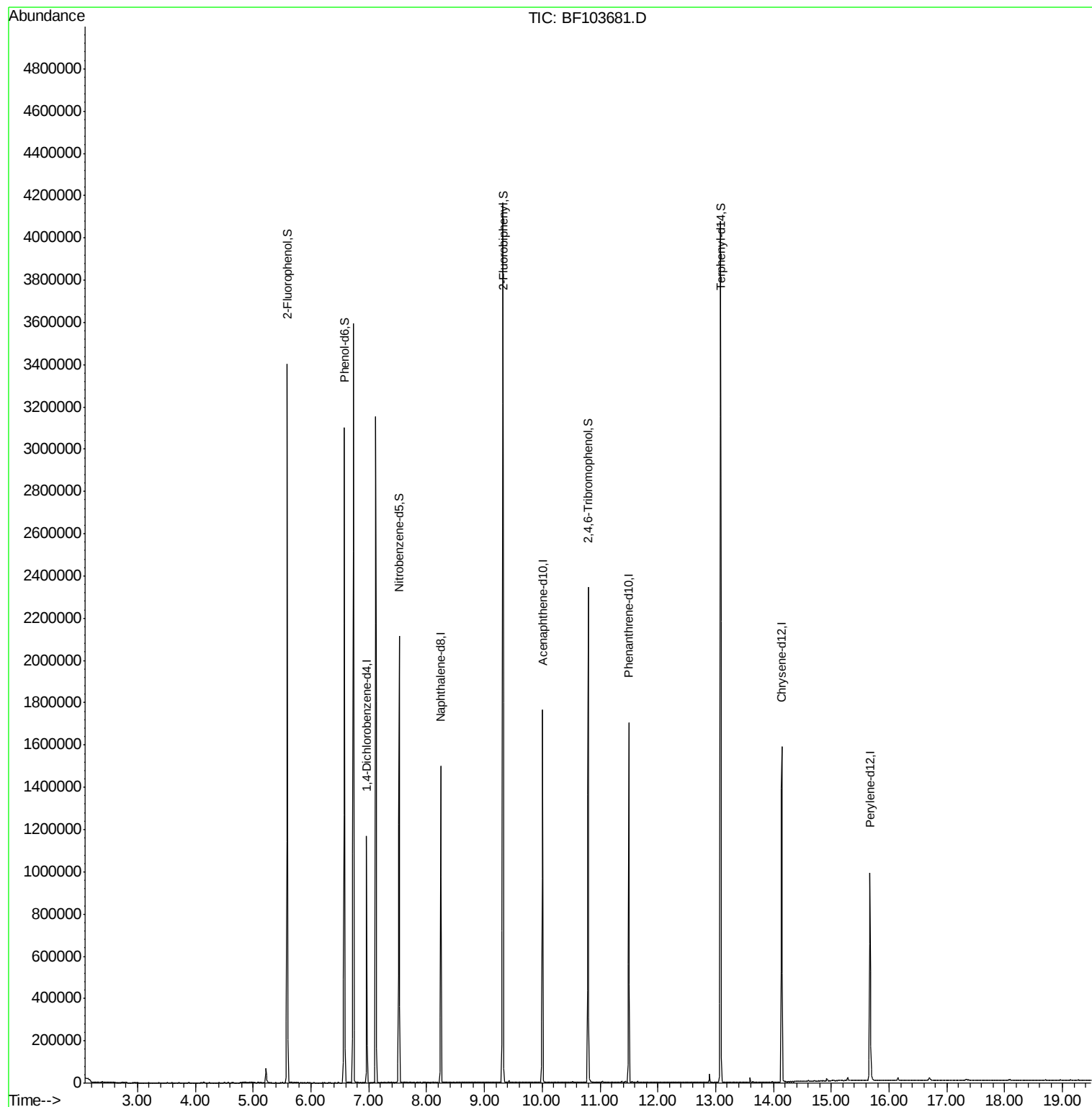
Target Compounds Qvalue

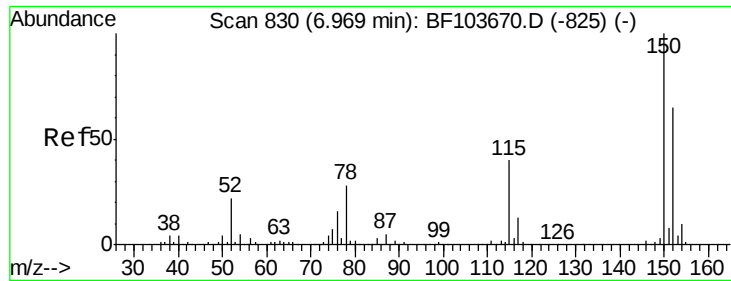
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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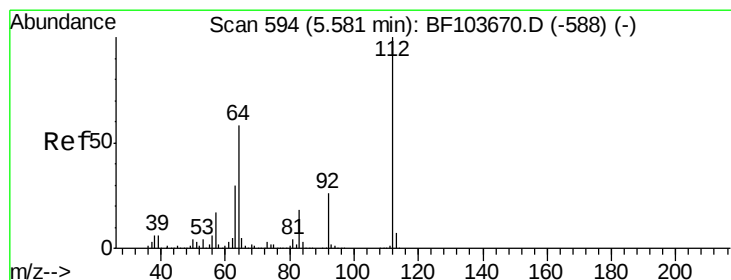
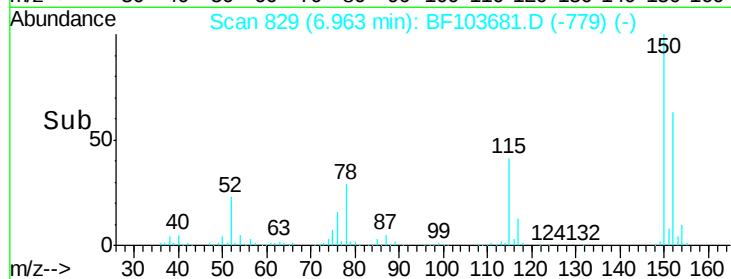
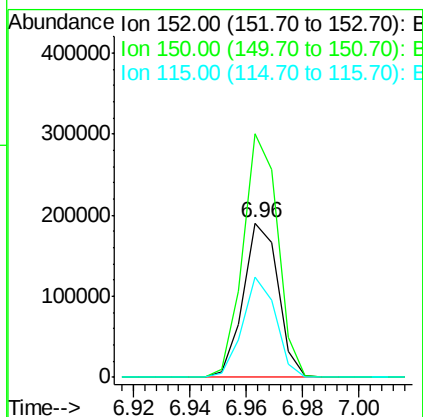
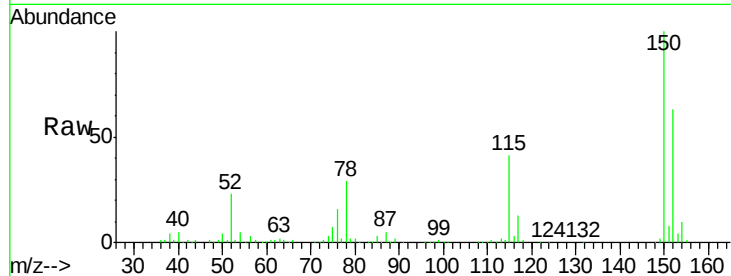


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF103681.D
 Acq: 15 Mar 2018 21:09

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BL

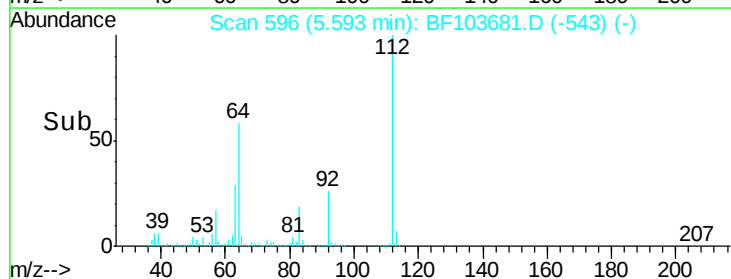
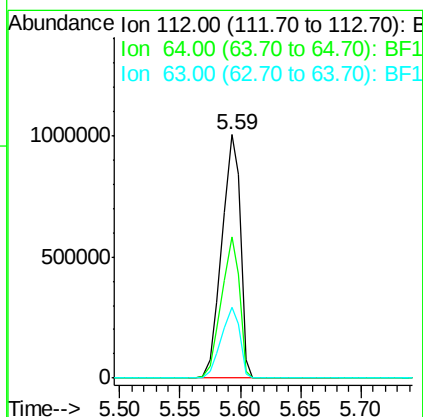
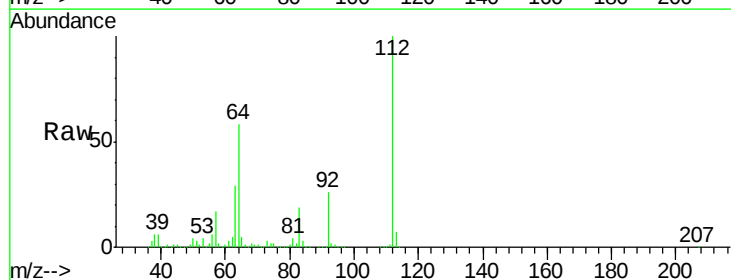
Tot Ion:152 Resp: 162903
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 64.9 50.1 75.1



#5

2-Fluorophenol
 Concen: 99.294 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF103681.D
 Acq: 15 Mar 2018 21:09

Tgt Ion:112 Resp: 1063466
 Ion Ratio Lower Upper
 112 100
 64 57.9 47.9 71.9
 63 29.2 23.7 35.5





#7

Phenol-d6

Concen: 98.254 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF103681.D

Acq: 15 Mar 2018 21:09

Instrument :

BNA_F

ClientSampleId :

PB107343BL

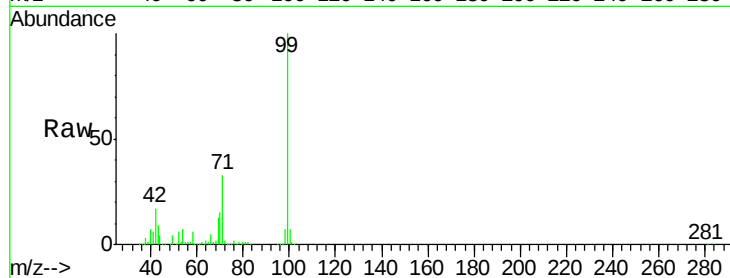
Tot Ion: 99 Resp: 1287450

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

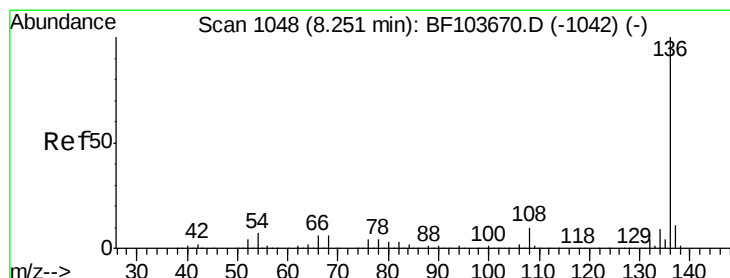
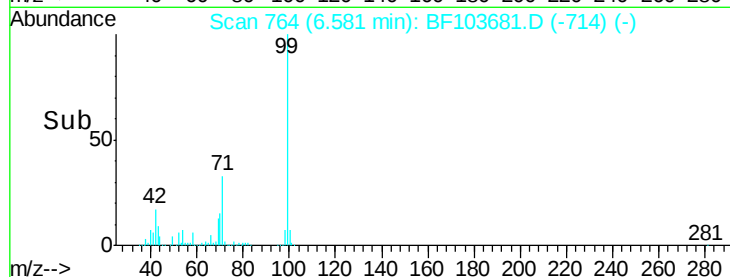
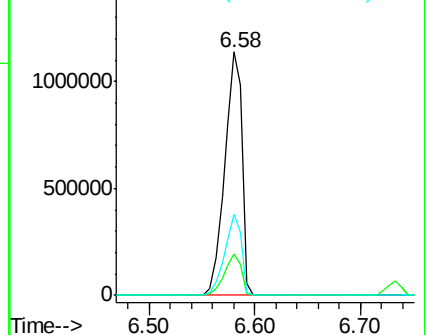
71 33.1 25.4 38.0



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: BF103681.D

Acq: 15 Mar 2018 21:09

Tgt Ion: 136 Resp: 680984

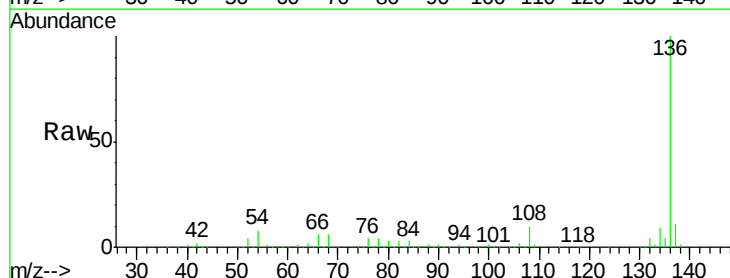
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.6 6.6 9.8

68 6.4 5.0 7.4

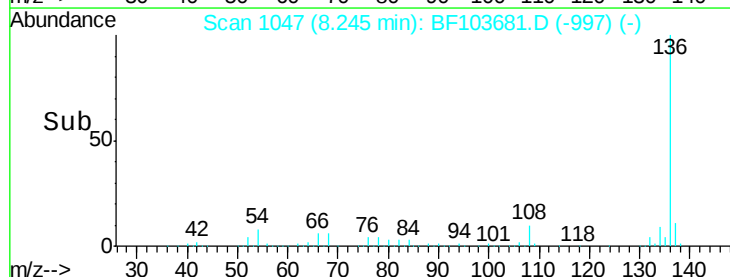
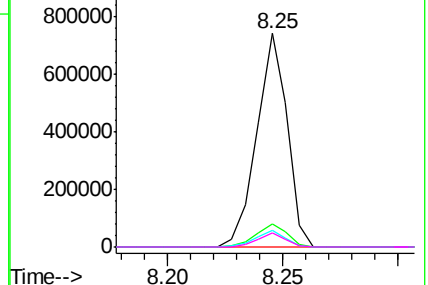


Abundance Ion 136.00 (135.70 to 136.70): E

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

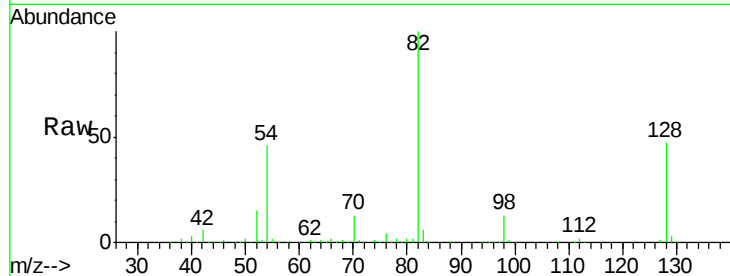




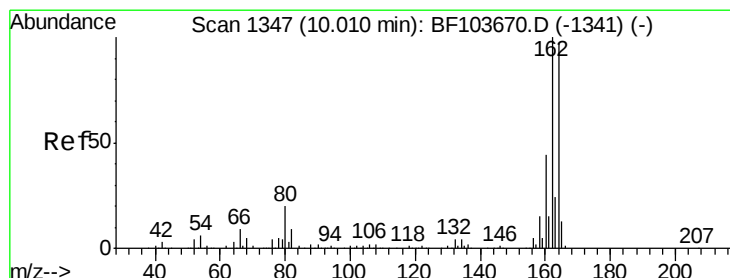
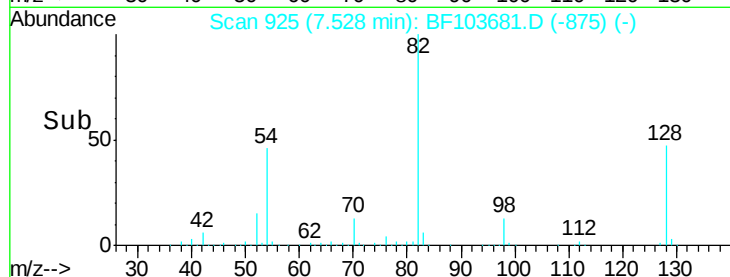
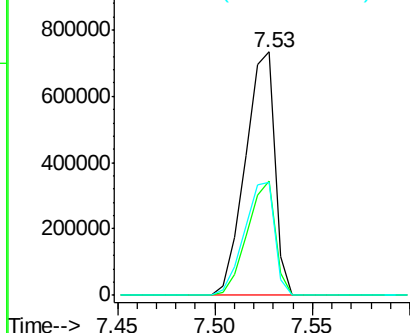
#23
 Nitrobenzene-d5
 Concen: 78.524 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF103681.D
 Acq: 15 Mar 2018 21:09

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BL

Tot Ion	82	Resp	766798
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
128	46.8		
54	46.2		
	41.4		
	62.2		

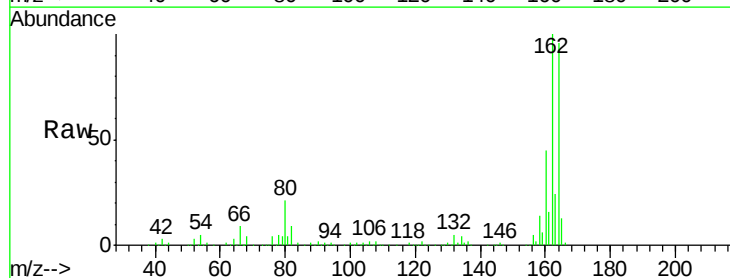


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

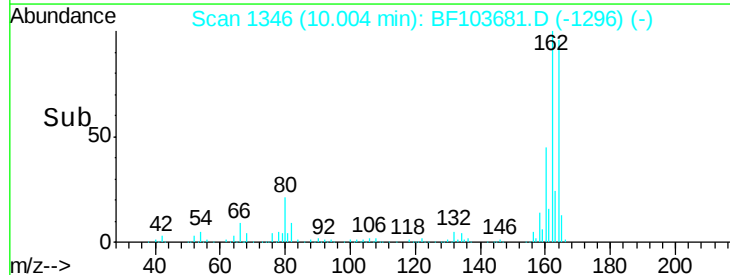
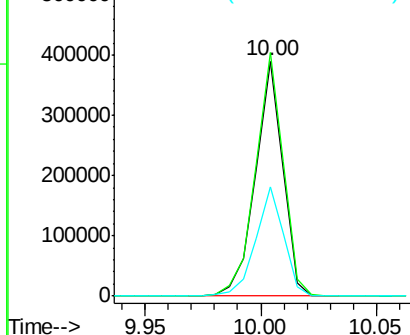


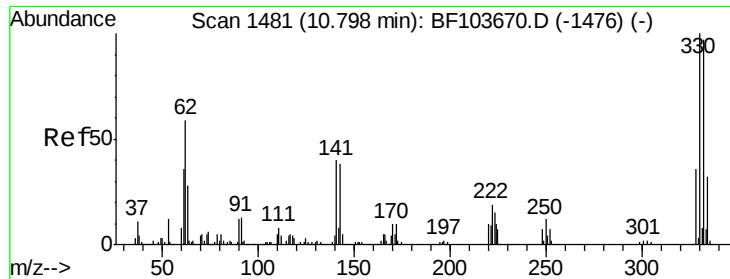
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF103681.D
 Acq: 15 Mar 2018 21:09

Tgt Ion	164	Resp	323366
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>86.1</td> <td></td> <td></td>	86.1		
Upper <td>129.1</td> <td></td> <td></td>	129.1		
162	103.8		
160	46.4		
	38.3		
	57.5		



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

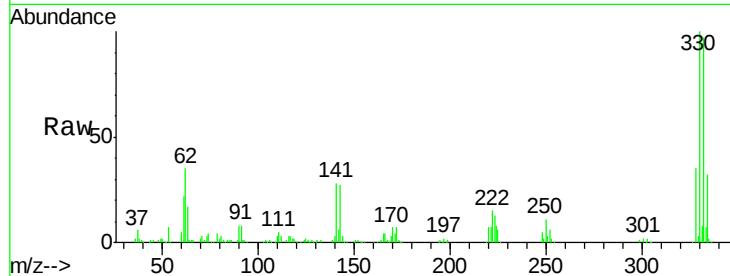




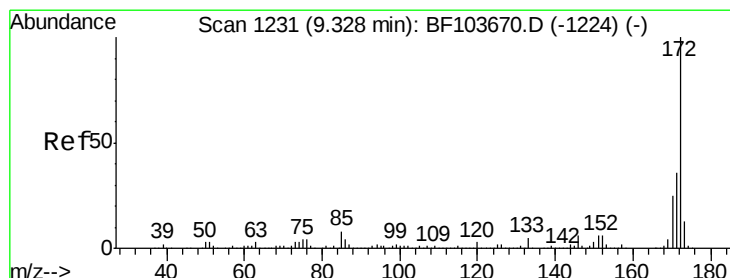
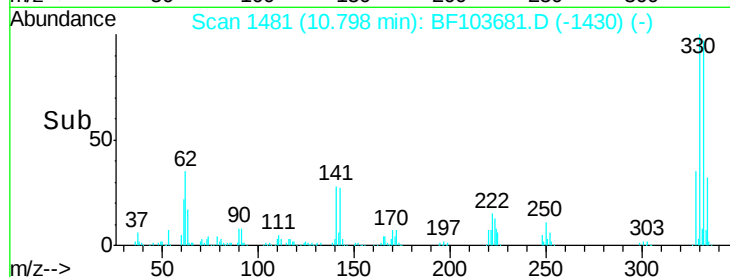
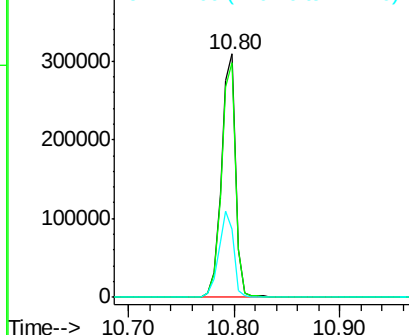
#41
 2,4,6-Tribromophenol
 Concen: 105.550 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BF103681.D
 Acq: 15 Mar 2018 21:09

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	37.1	29.9	44.9

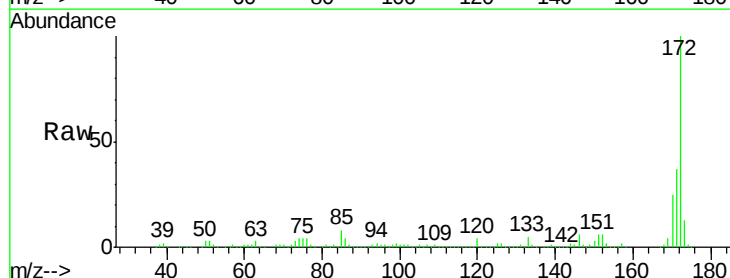


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

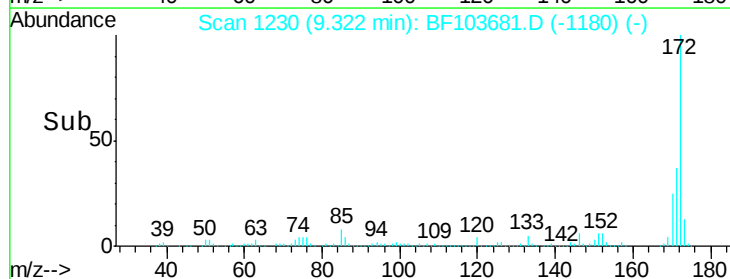
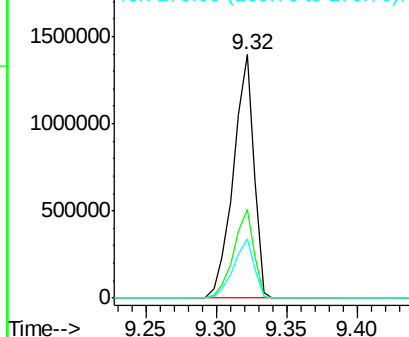


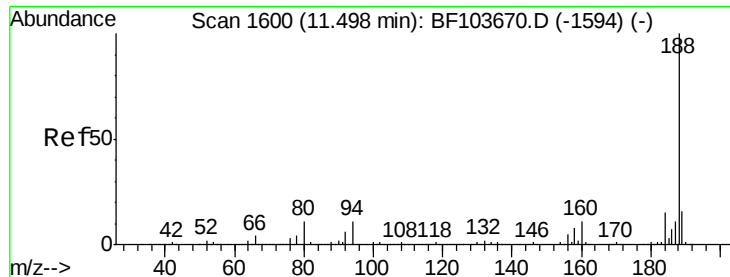
#44
 2-Fluorobiphenyl
 Concen: 69.657 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103681.D
 Acq: 15 Mar 2018 21:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.5	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

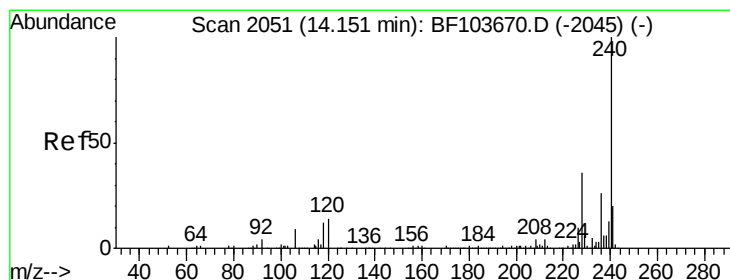
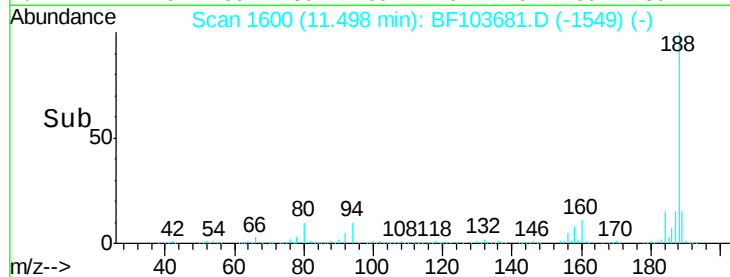
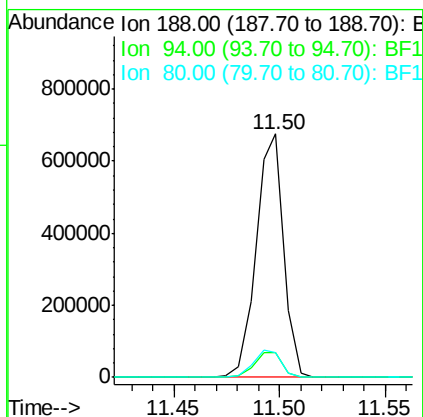
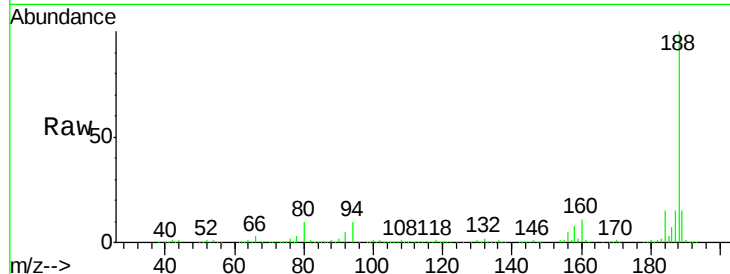




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF103681.D
Acq: 15 Mar 2018 21:09

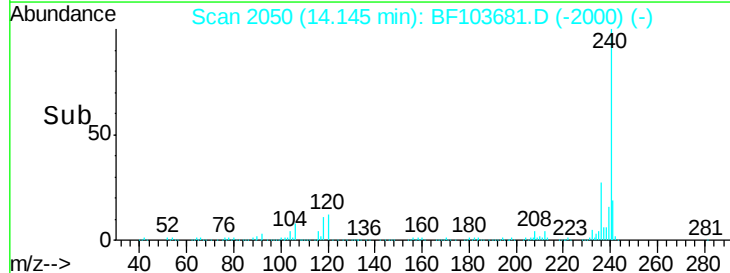
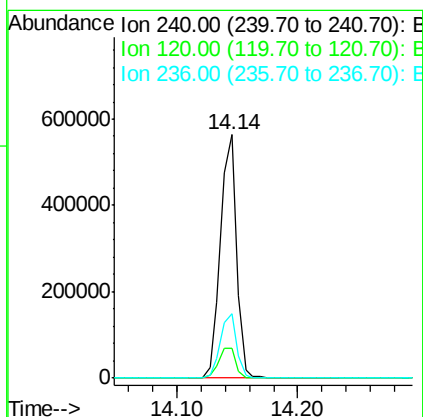
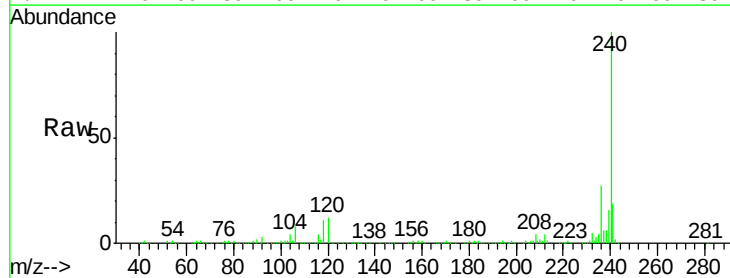
Instrument :
BNA_F
ClientSampleId :
PB107343BL

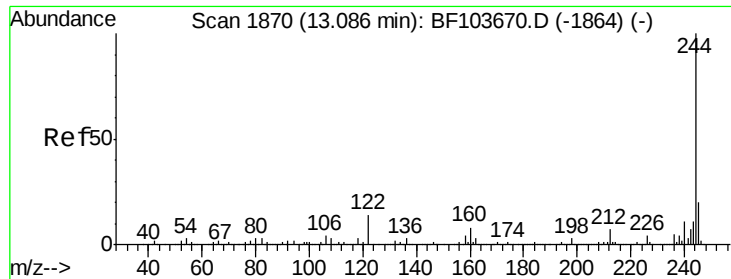
Tot Ion:188 Resp: 609556
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF103681.D
Acq: 15 Mar 2018 21:09

Tgt Ion:240 Resp: 518145
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 26.6 20.7 31.1



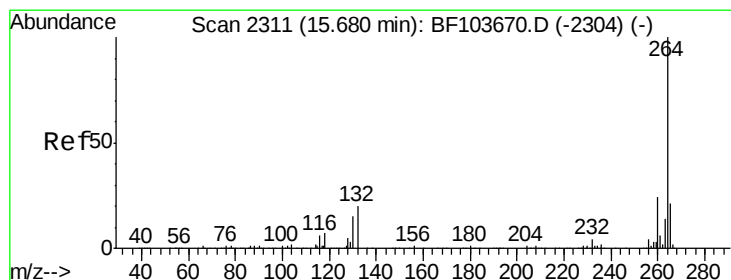
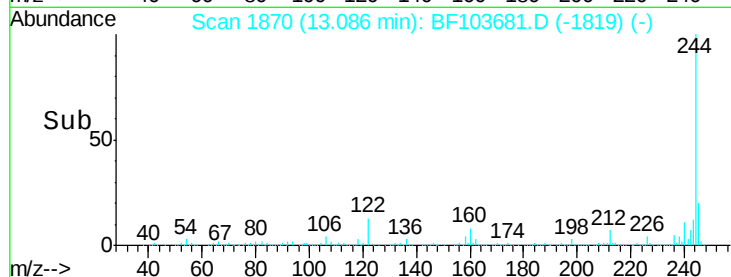
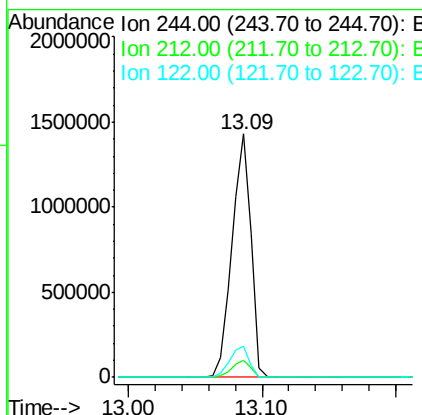
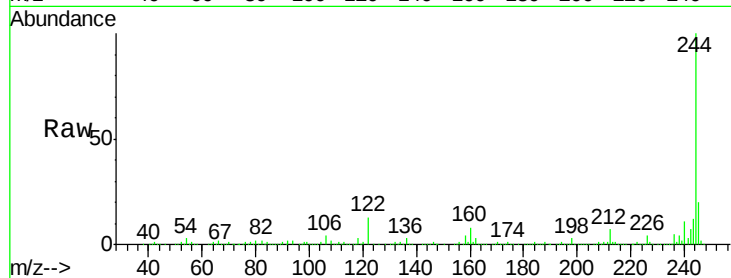


#78
 Terphenyl-d14
 Concen: 64.034 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: BF103681.D
 Acq: 15 Mar 2018 21:09

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BL

Tot Ion:244 Resp: 1429415

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.9	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF103681.D
 Acq: 15 Mar 2018 21:09

Tgt Ion:264 Resp: 478155

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.2	17.5	26.3

