

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103869.D
 Acq On : 23 Mar 2018 10:22
 Operator : JU/SJ
 Sample : PB107555BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107555BL

Quant Time: Mar 23 14:04:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	145626	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	599838	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	286004	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	536051	20.00	ng	0.00
75) Chrysene-d12	14.16	240	512271	20.00	ng	0.00
86) Perylene-d12	15.70	264	488700	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1037921	108.41	ng	0.01
7) Phenol-d6	6.60	99	1261951	107.73	ng	0.00
23) Nitrobenzene-d5	7.53	82	782758	91.00	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	346012	140.71	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1399915	78.08	ng	0.00
78) Terphenyl-d14	13.10	244	1581829	71.67	ng	0.00

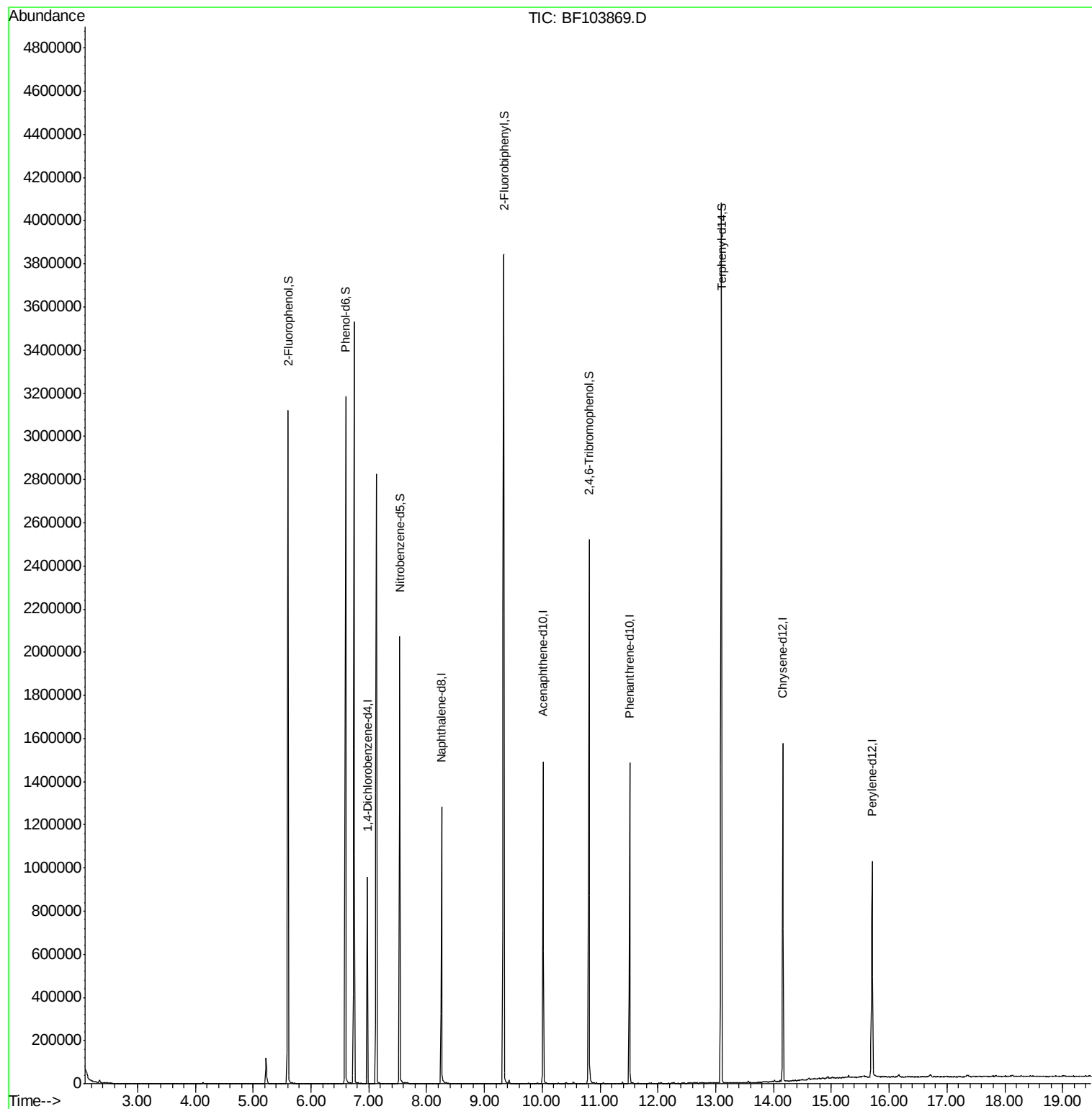
Target Compounds Qvalue

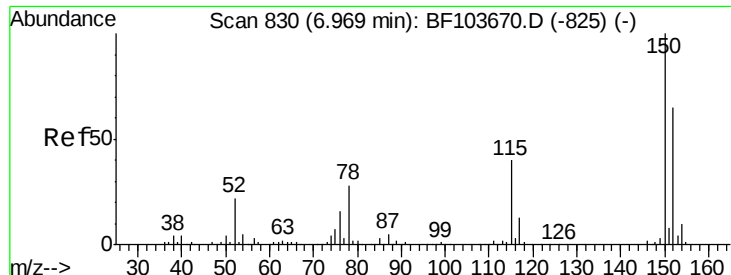
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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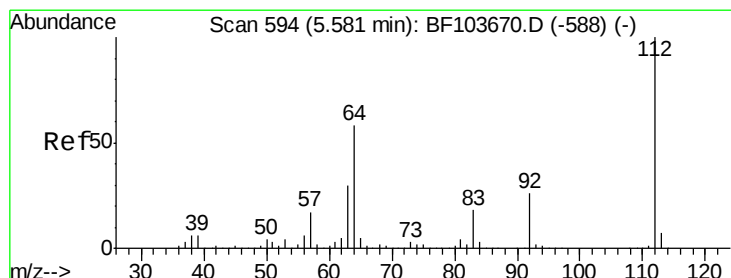
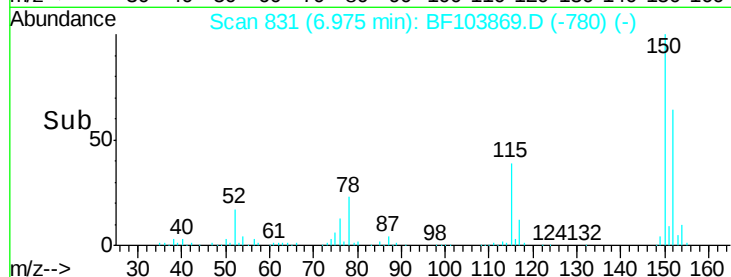
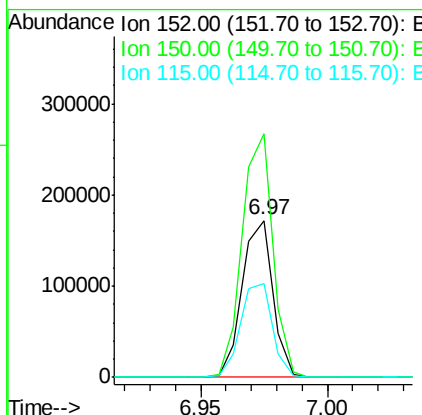
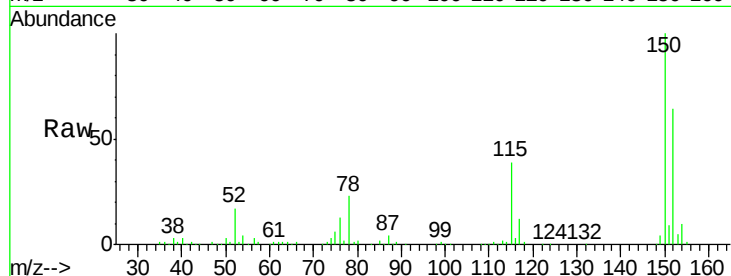


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF103869.D
 Acq: 23 Mar 2018 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB107555BL

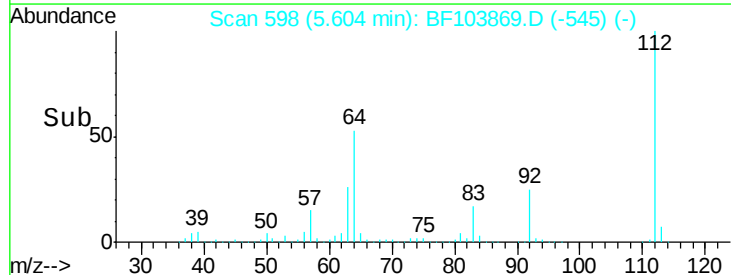
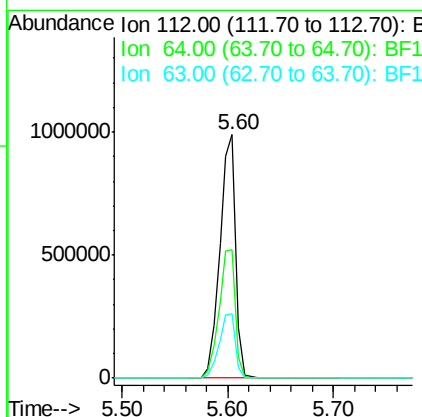
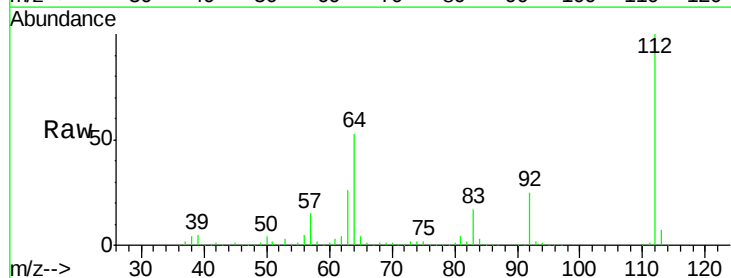
Tot Ion:152 Resp: 145626
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.6 186.8
 115 59.8 50.1 75.1



#5

2-Fluorophenol
 Concen: 108.406 ng
 RT: 5.60 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: BF103869.D
 Acq: 23 Mar 2018 10:22

Tgt Ion:112 Resp: 1037921
 Ion Ratio Lower Upper
 112 100
 64 52.6 47.9 71.9
 63 26.5 23.7 35.5





#7

Phenol-d6

Concen: 107.734 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103869.D

Acq: 23 Mar 2018 10:22

Instrument :

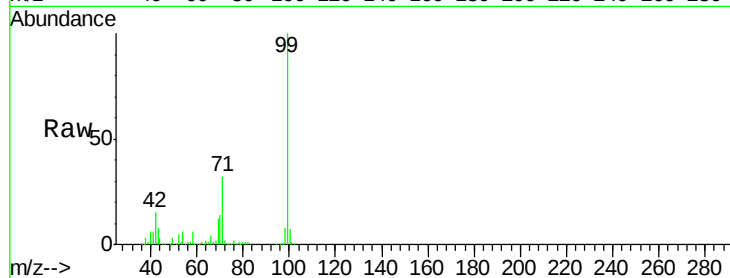
BNA_F

ClientSampleId :

PB107555BL

Tot Ion: 99 Resp: 1261951

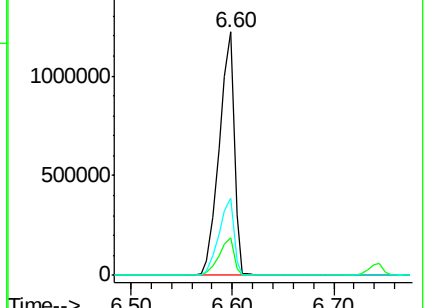
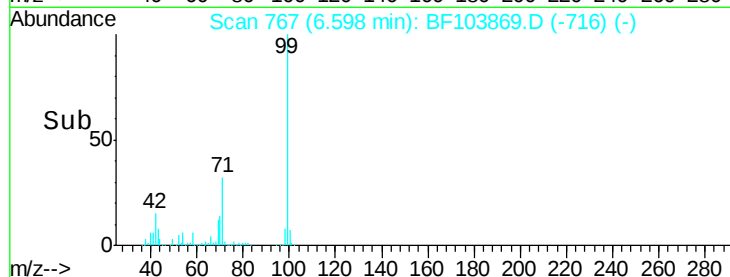
Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.5	21.7
71	31.8	25.4	38.0



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: 8.26 min Scan# 1049

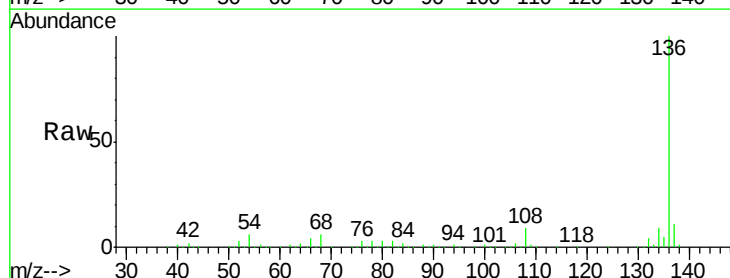
Delta R.T. -0.00 min

Lab File: BF103869.D

Acq: 23 Mar 2018 10:22

Tgt Ion: 136 Resp: 599838

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.4	6.6	9.8
68	5.7	5.0	7.4

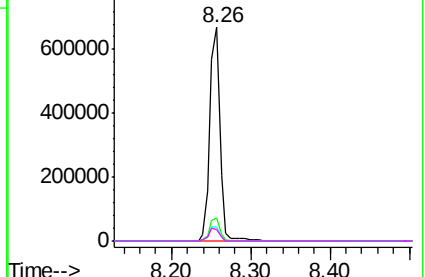
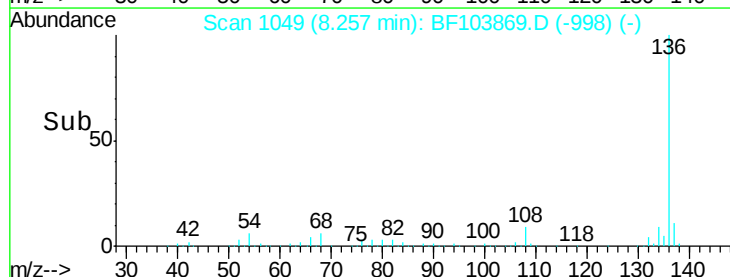


Abundance Ion 136.00 (135.70 to 136.70): E

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

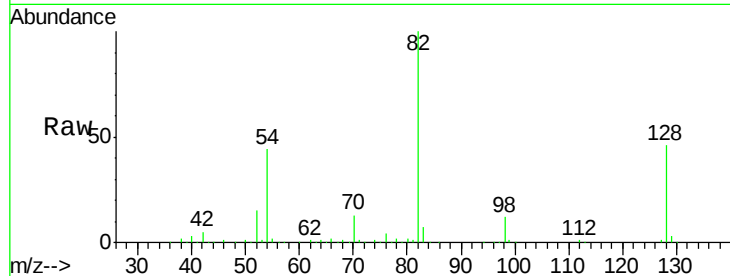




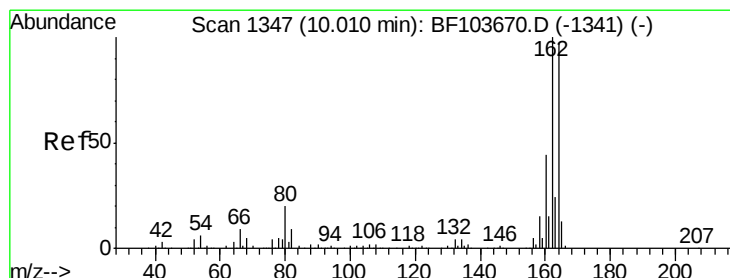
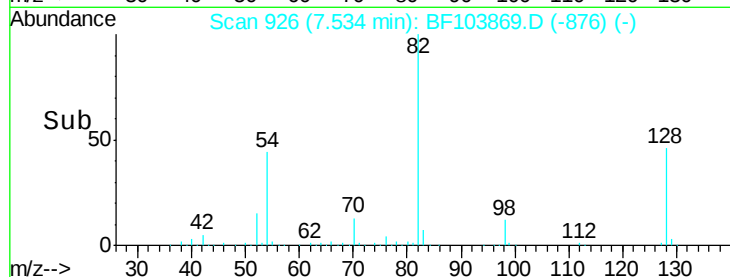
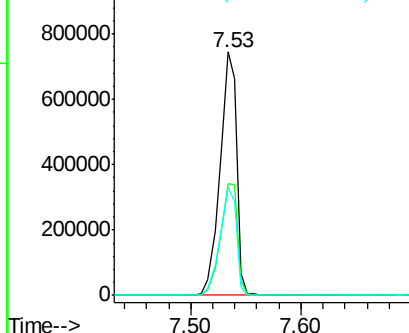
#23
 Nitrobenzene-d5
 Concen: 91.002 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF103869.D
 Acq: 23 Mar 2018 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB107555BL

Tot Ion	82	Resp	782758
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
128	45.8		
54	44.3		
	41.4		
	62.2		

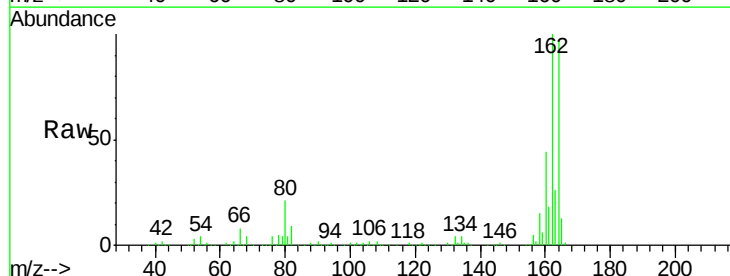


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

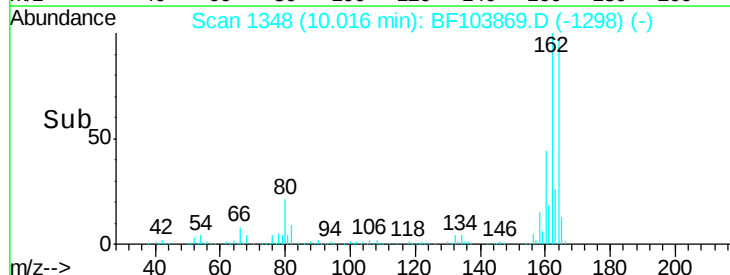
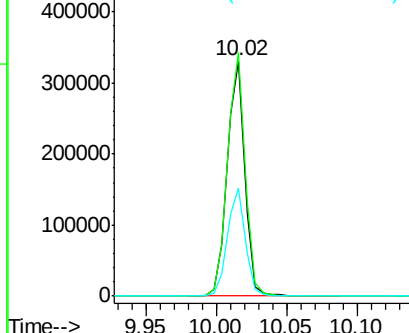


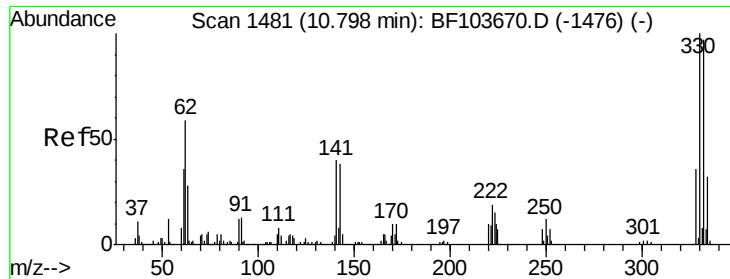
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103869.D
 Acq: 23 Mar 2018 10:22

Tgt Ion	164	Resp	286004
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	103.6		
160	46.0		
	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

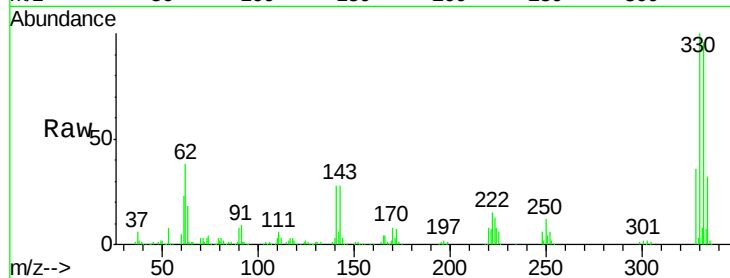




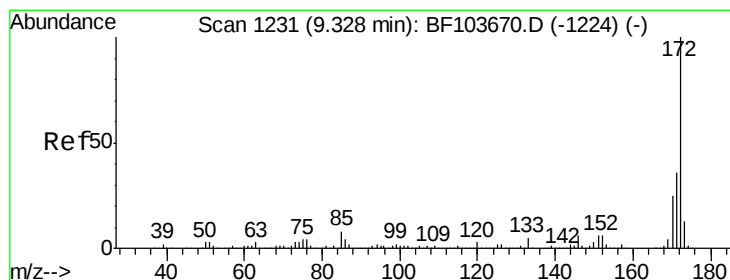
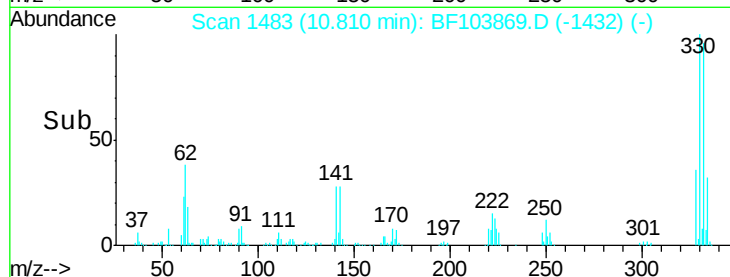
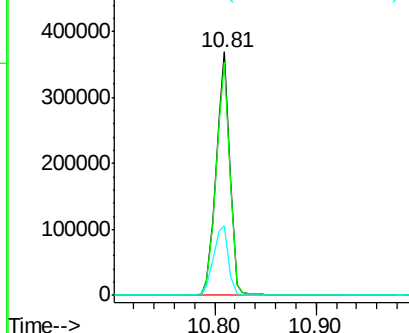
#41
 2,4,6-Tribromophenol
 Concen: 140.708 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103869.D
 Acq: 23 Mar 2018 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB107555BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	31.2	29.9	44.9

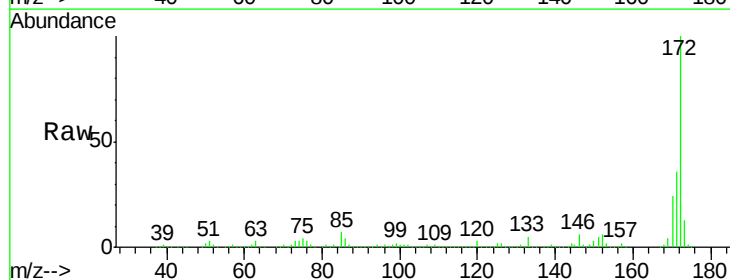


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

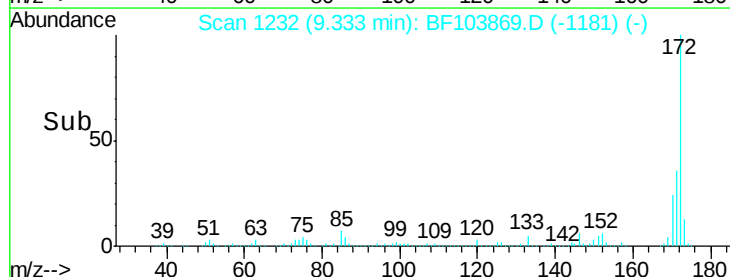
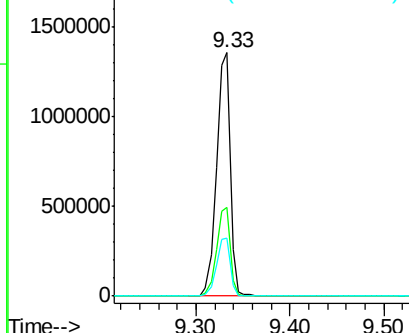


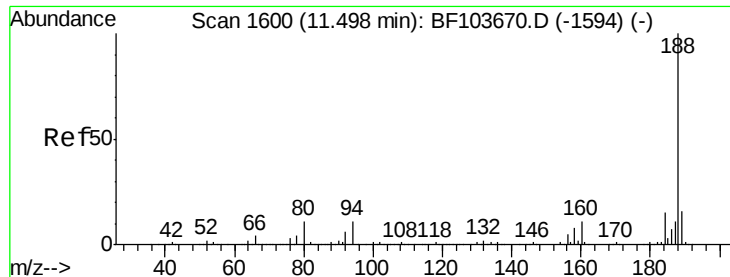
#44
 2-Fluorobiphenyl
 Concen: 78.078 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103869.D
 Acq: 23 Mar 2018 10:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	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

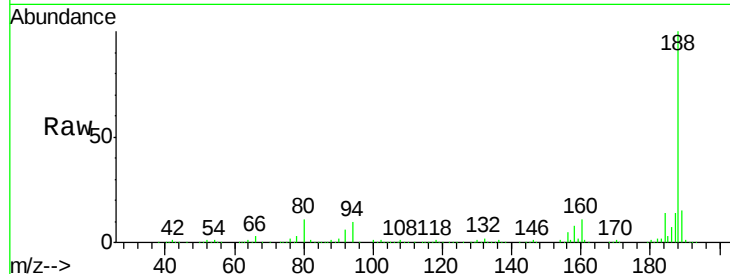




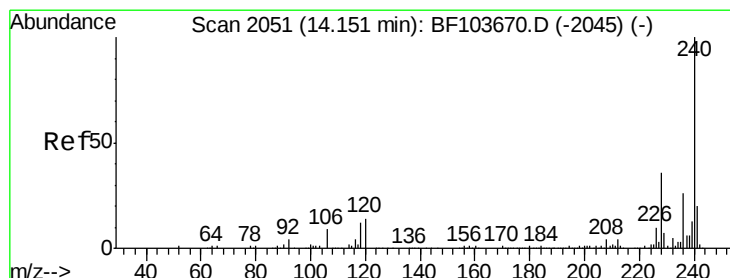
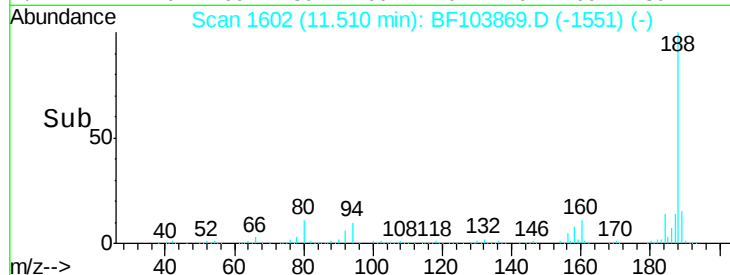
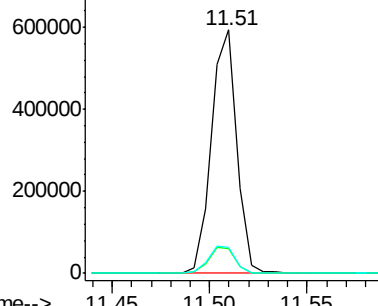
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103869.D
 Acq: 23 Mar 2018 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB107555BL

Tot Ion:188	Resp:	536051
Ion	Ratio	Lower Upper
188	100	
94	10.1	8.5 12.7
80	10.7	9.2 13.8

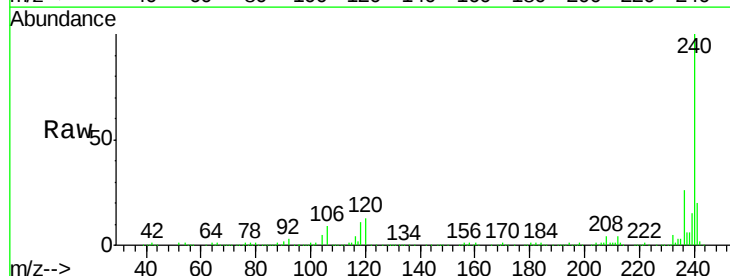


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

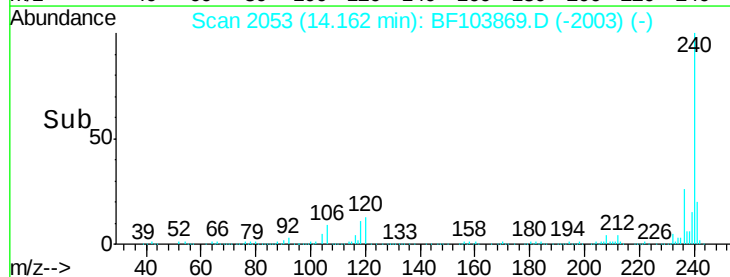
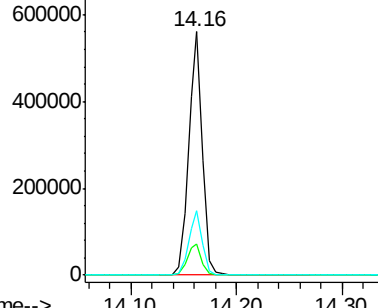


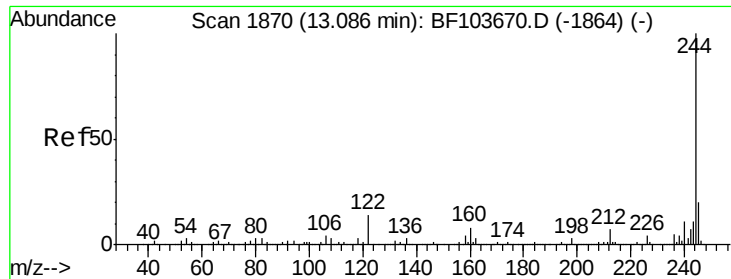
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF103869.D
 Acq: 23 Mar 2018 10:22

Tgt Ion:240	Resp:	512271
Ion	Ratio	Lower Upper
240	100	
120	12.7	9.5 14.3
236	26.2	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: 71.674 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF103869.D

Acq: 23 Mar 2018 10:22

Instrument :

BNA_F

ClientSampleId :

PB107555BL

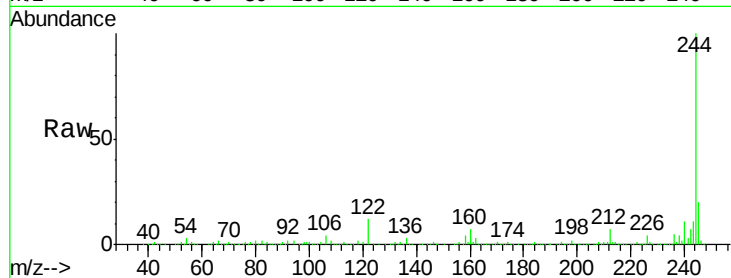
Tot Ion:244 Resp: 1581829

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

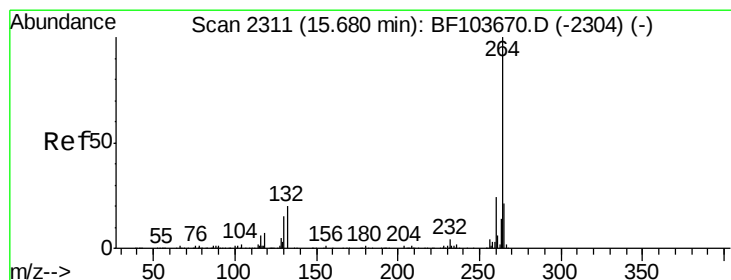
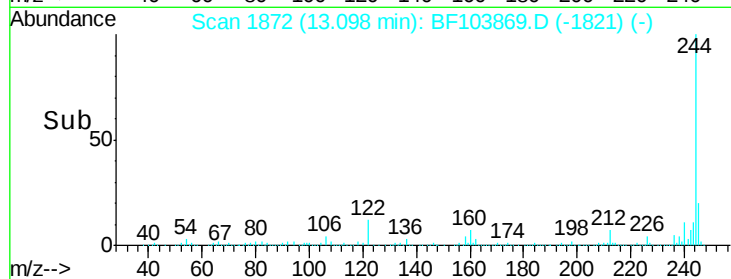
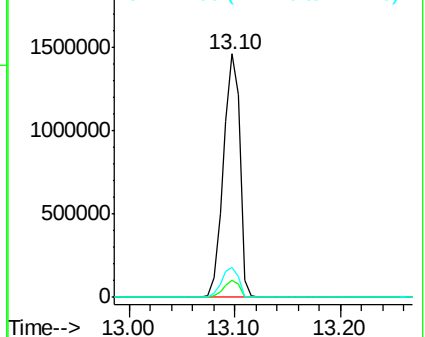
122 12.5 11.0 16.4



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# 2315

Delta R.T. -0.01 min

Lab File: BF103869.D

Acq: 23 Mar 2018 10:22

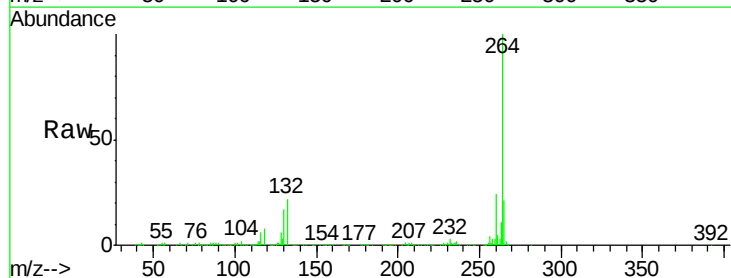
Tgt Ion:264 Resp: 488700

Ion Ratio Lower Upper

264 100

260 24.1 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

