

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103915.D
 Acq On : 26 Mar 2018 10:28
 Operator : JU/SJ
 Sample : PB107596BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107596BL

Quant Time: Mar 27 07:29:52 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	137112	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	558795	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	265667	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	508731	20.00	ng	0.00
75) Chrysene-d12	14.16	240	492571	20.00	ng	0.00
86) Perylene-d12	15.72	264	469395	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1007372	111.75	ng	0.01
7) Phenol-d6	6.60	99	1225633	111.13	ng	0.00
23) Nitrobenzene-d5	7.54	82	749490	93.53	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	346987	151.91	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1368614	82.18	ng	0.00
78) Terphenyl-d14	13.10	244	1530806	72.14	ng	0.00

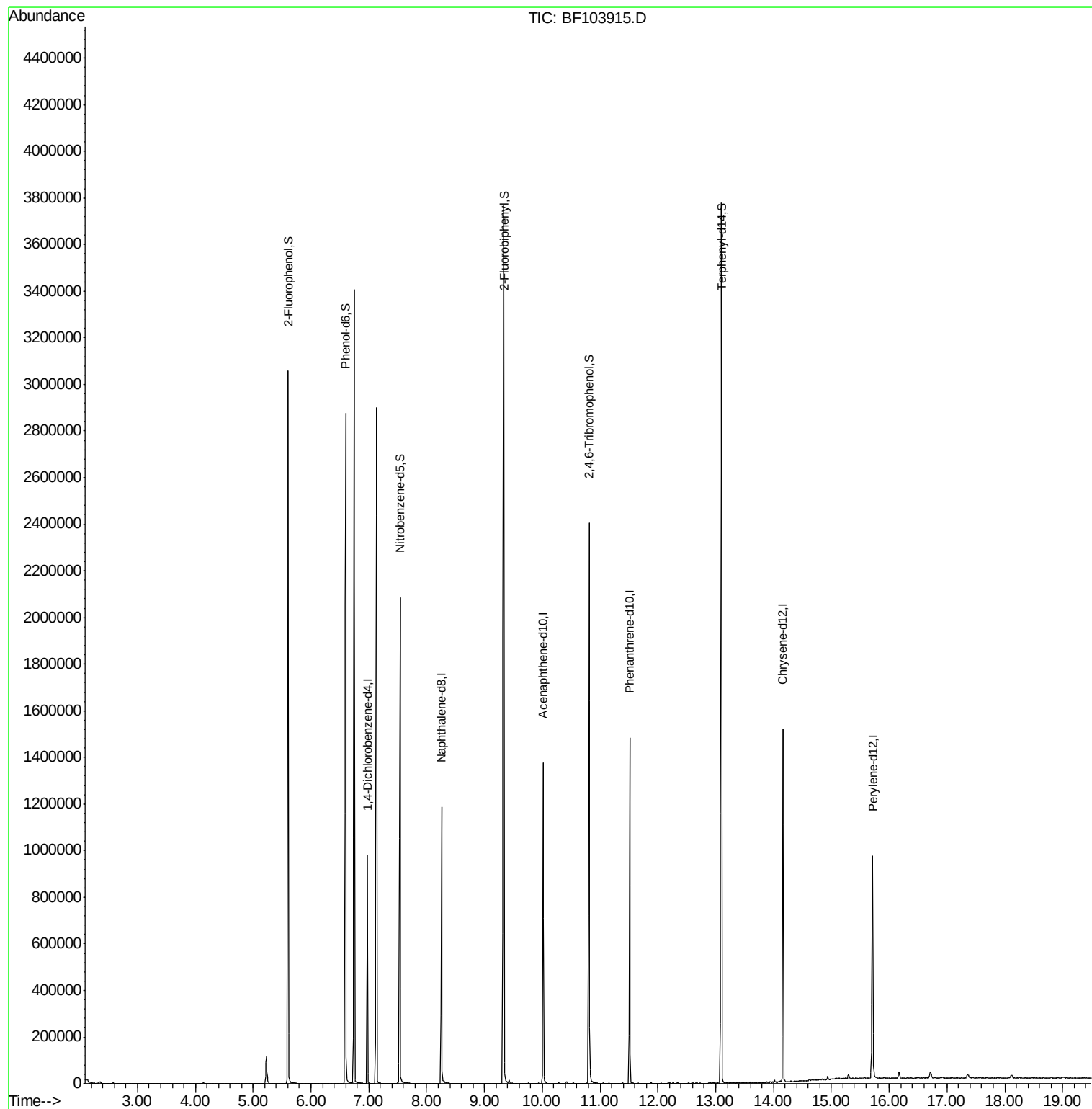
Target Compounds Qvalue

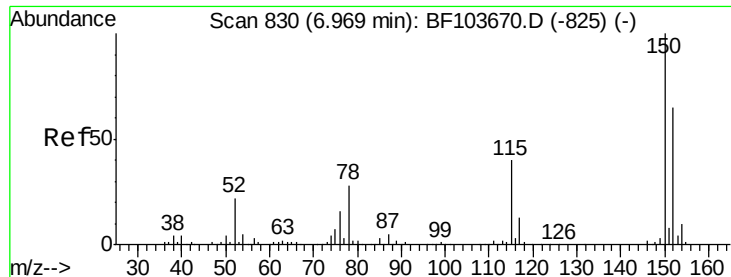
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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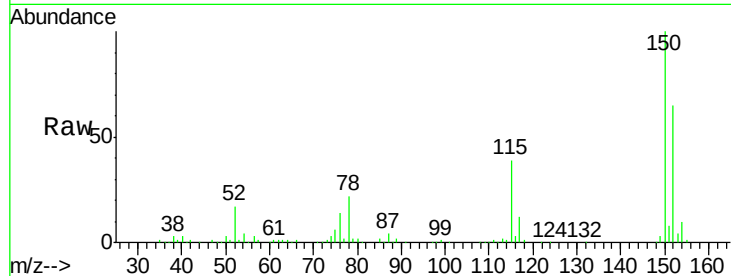


#1

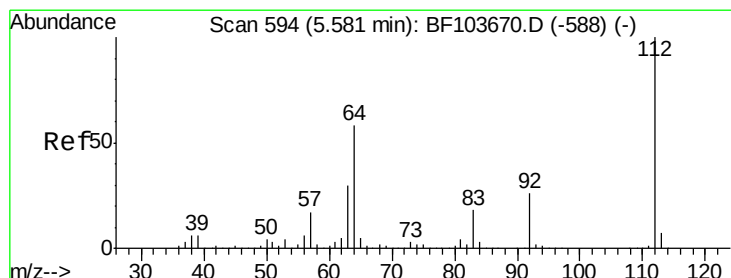
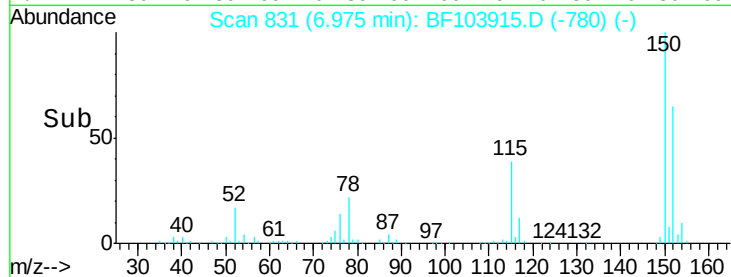
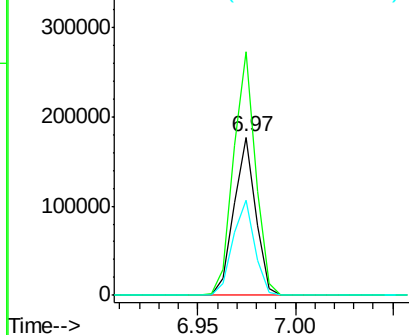
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103915.D
Acq: 26 Mar 2018 10:28

Instrument :
BNA_F
ClientSampleId :
PB107596BL

Tot Ion:152 Resp: 137112
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 60.0 50.1 75.1



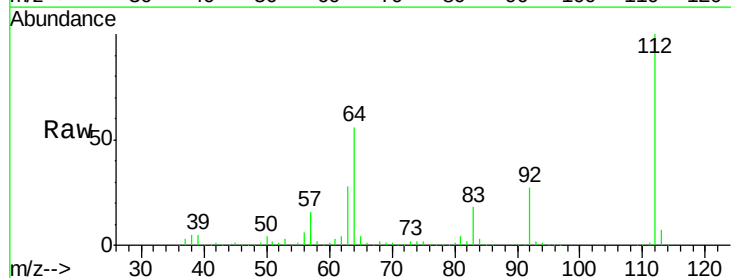
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



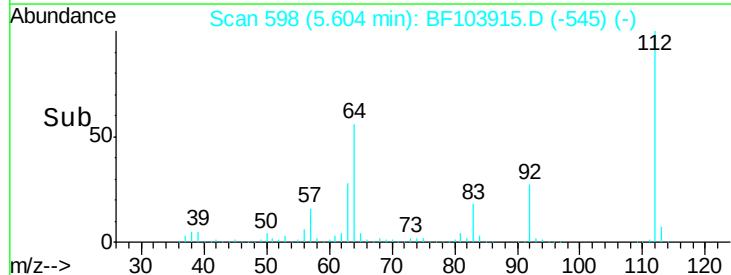
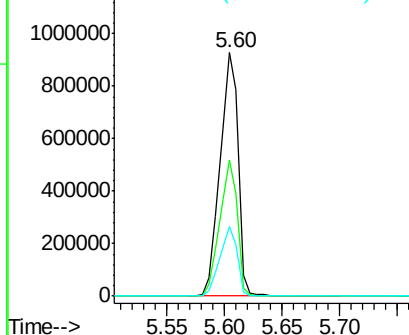
#5

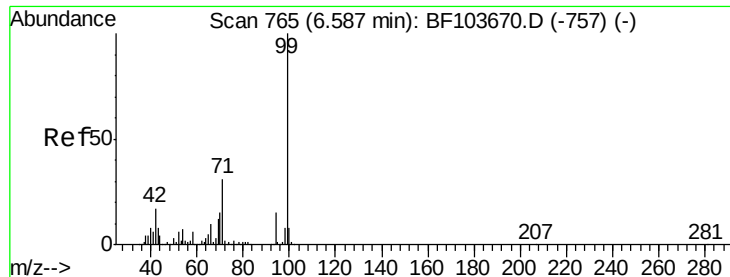
2-Fluorophenol
Concen: 111.749 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103915.D
Acq: 26 Mar 2018 10:28

Tgt Ion:112 Resp: 1007372
Ion Ratio Lower Upper
112 100
64 55.9 47.9 71.9
63 28.4 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: 111.131 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103915.D

Acq: 26 Mar 2018 10:28

Instrument :

BNA_F

ClientSampleId :

PB107596BL

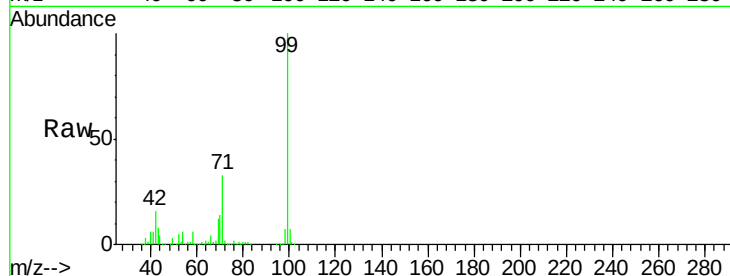
Tot Ion: 99 Resp: 1225633

Ion Ratio Lower Upper

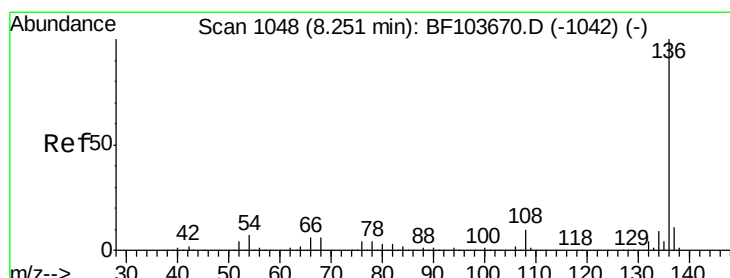
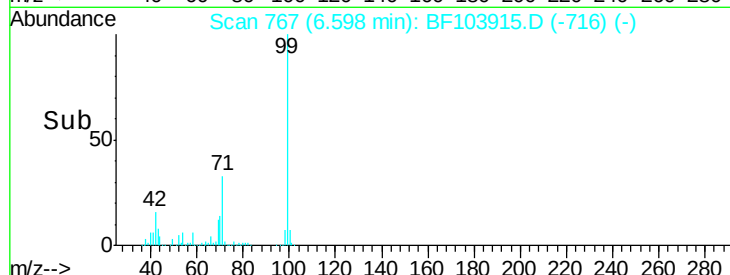
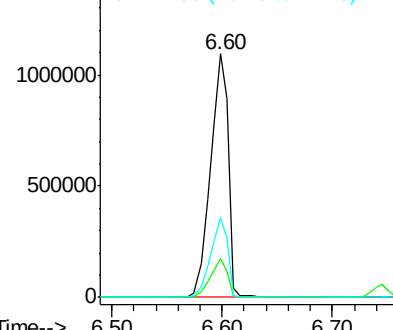
99 100

42 15.7 14.5 21.7

71 32.6 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: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103915.D

Acq: 26 Mar 2018 10:28

Tgt Ion: 136 Resp: 558795

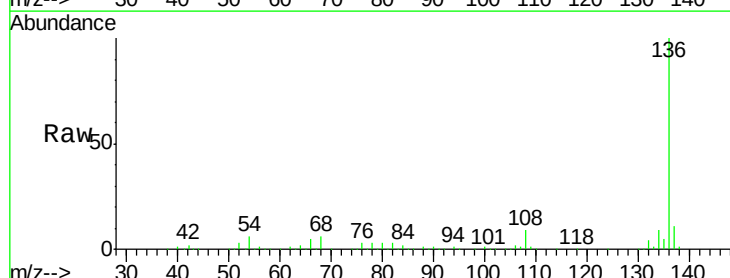
Ion Ratio Lower Upper

136 100

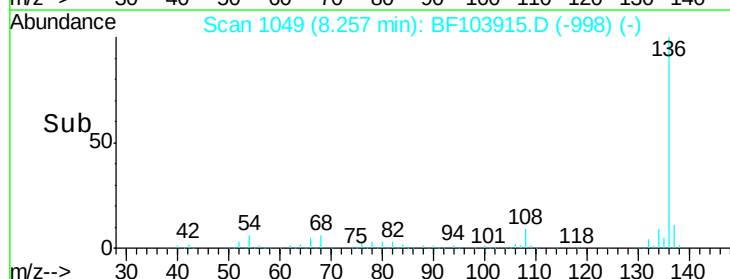
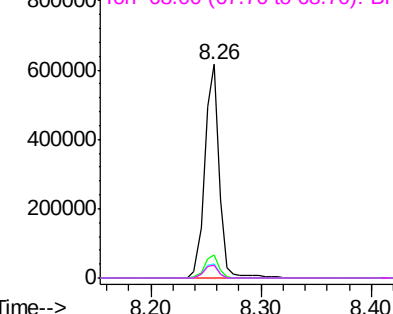
137 10.8 8.9 13.3

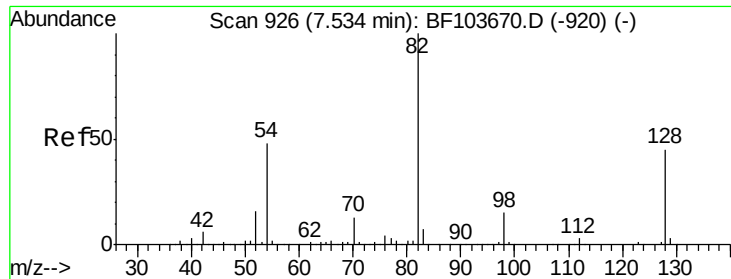
54 6.4 6.6 9.8#

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

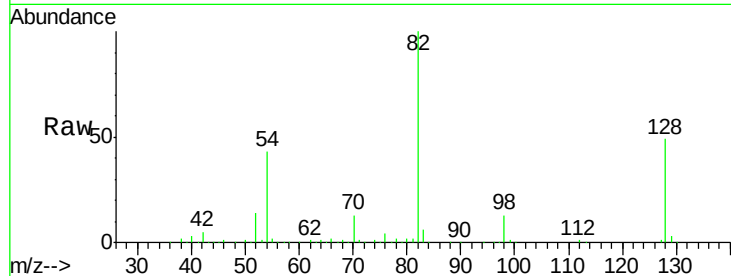




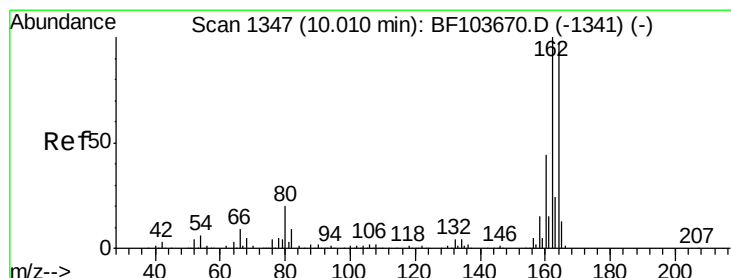
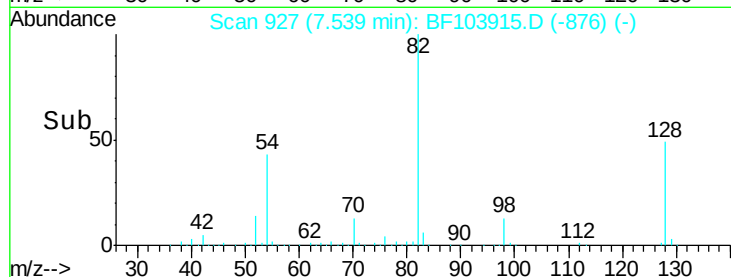
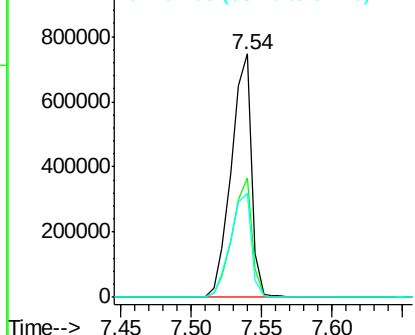
#23
 Nitrobenzene-d5
 Concen: 93.534 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103915.D
 Acq: 26 Mar 2018 10:28

Instrument :
 BNA_F
 ClientSampleId :
 PB107596BL

Tot Ion	82	Resp	749490
Ion Ratio	Lower	Upper	
82	100		
128	48.9	36.1	54.1
54	42.9	41.4	62.2

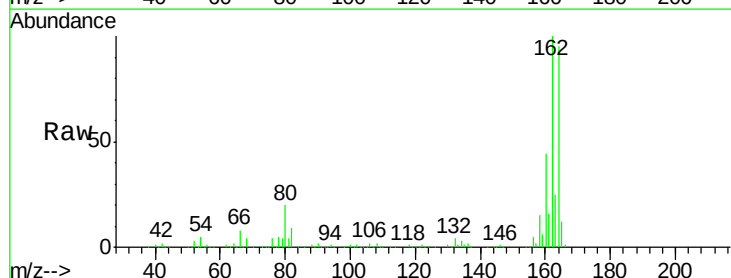


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

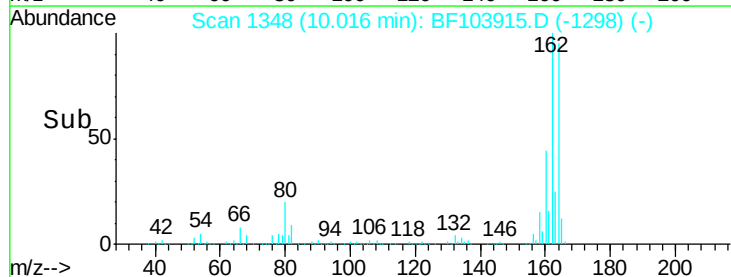
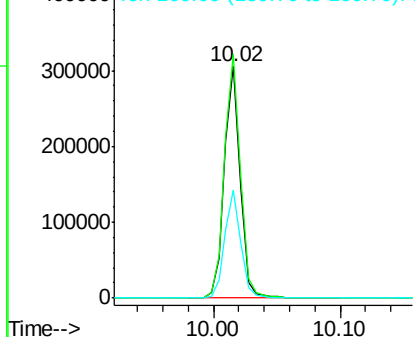


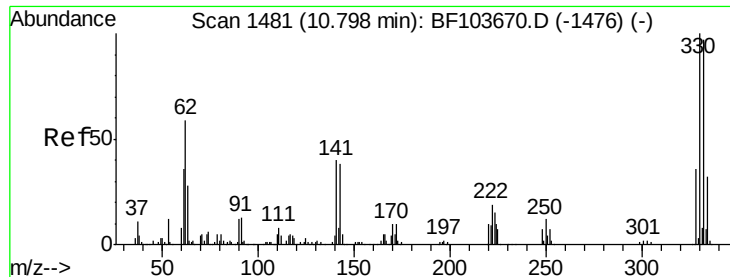
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103915.D
 Acq: 26 Mar 2018 10:28

Tgt Ion	164	Resp	265667
Ion Ratio	Lower	Upper	
164	100		
162	105.2	86.1	129.1
160	46.5	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

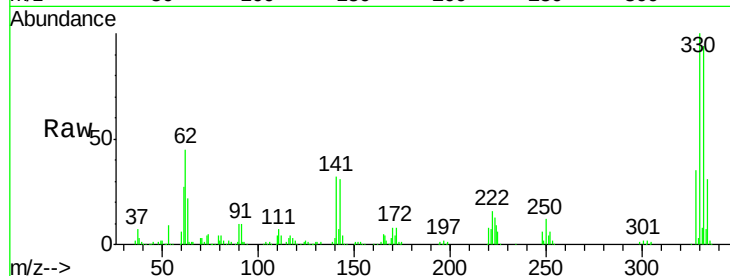




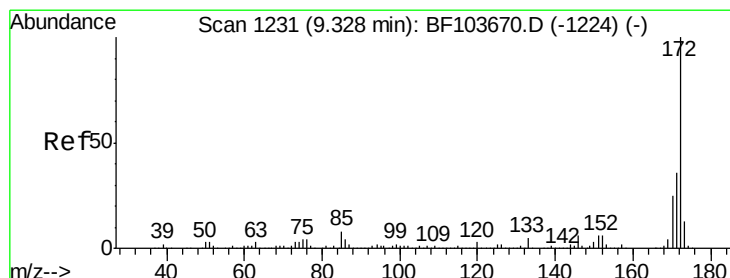
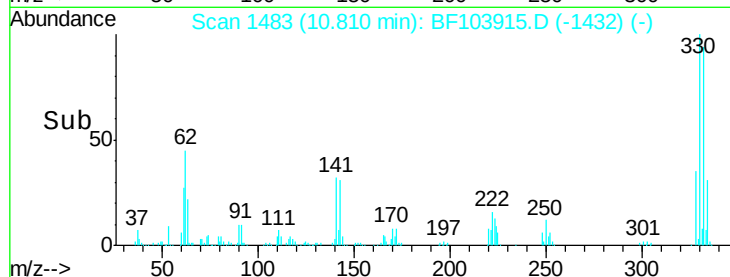
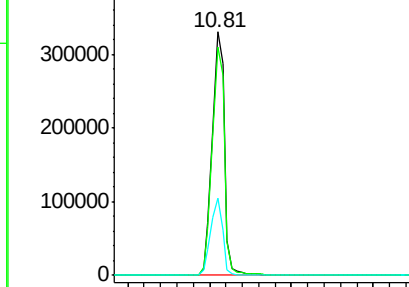
#41
 2,4,6-Tribromophenol
 Concen: 151.906 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103915.D
 Acq: 26 Mar 2018 10:28

Instrument :
 BNA_F
 ClientSampleId :
 PB107596BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	31.0	29.9	44.9

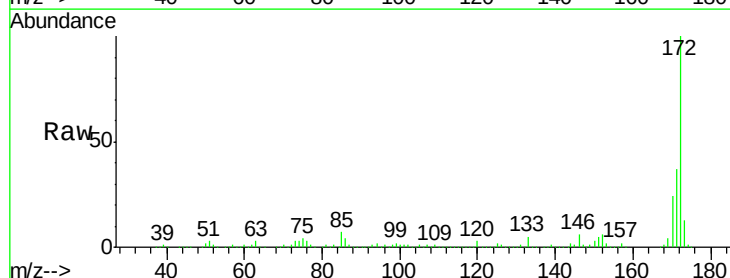


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

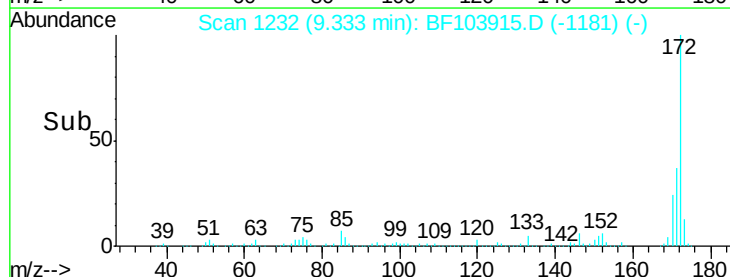
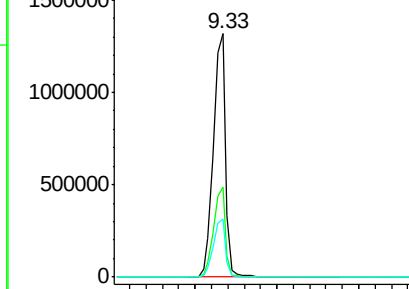


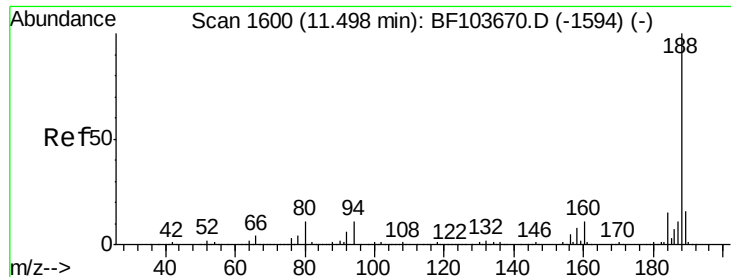
#44
 2-Fluorobiphenyl
 Concen: 82.176 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103915.D
 Acq: 26 Mar 2018 10:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	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

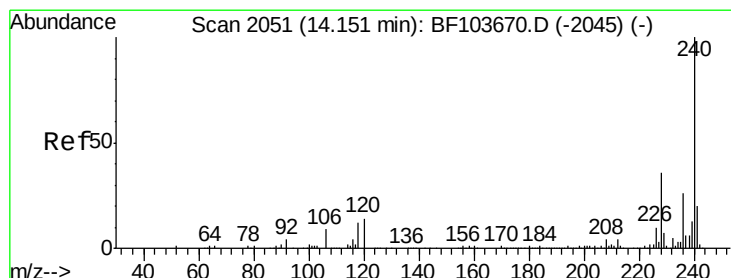
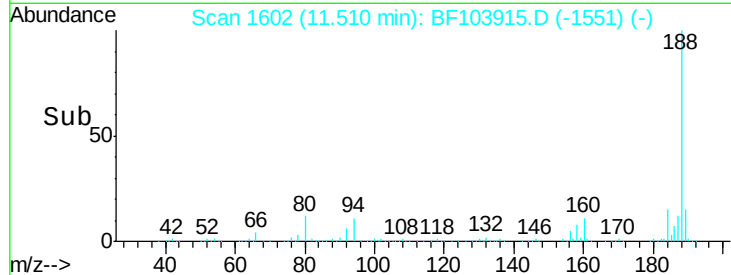
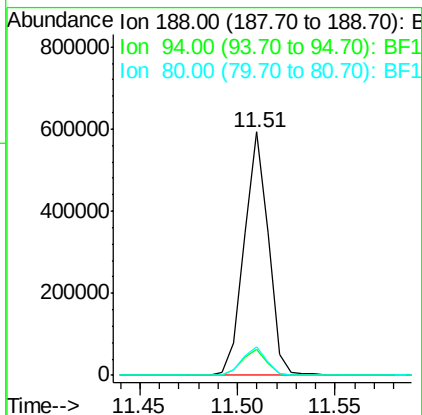
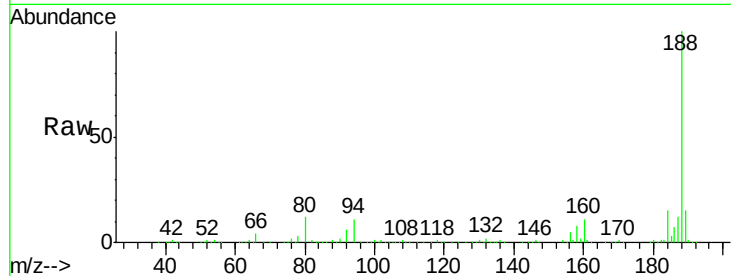




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103915.D
 Acq: 26 Mar 2018 10:28

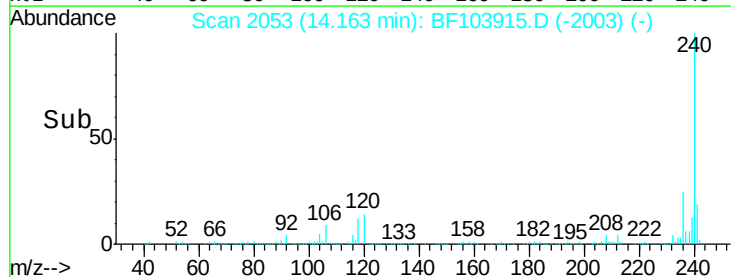
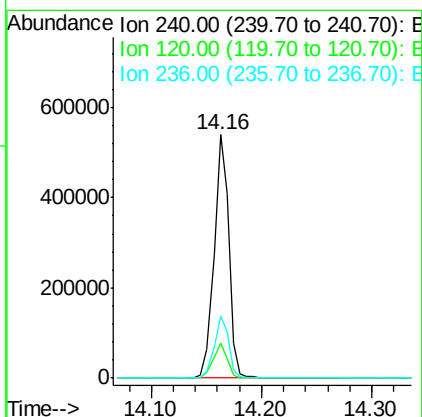
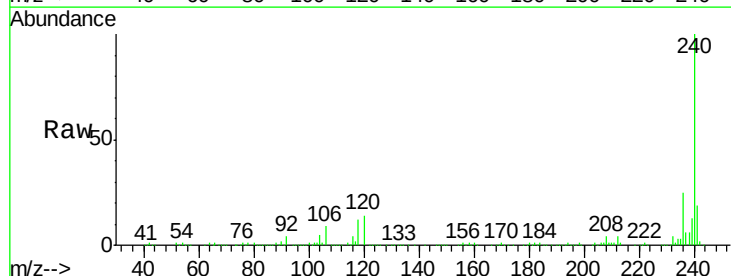
Instrument :
 BNA_F
 ClientSampleId :
 PB107596BL

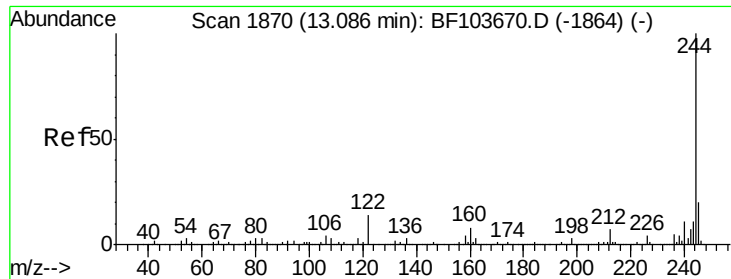
Tot Ion:188 Resp: 508731
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.5 12.7
 80 11.6 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF103915.D
 Acq: 26 Mar 2018 10:28

Tgt Ion:240 Resp: 492571
 Ion Ratio Lower Upper
 240 100
 120 14.2 9.5 14.3
 236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 72.136 ng

RT: 13.10 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BF103915.D

Acq: 26 Mar 2018 10:28

Instrument :

BNA_F

ClientSampleId :

PB107596BL

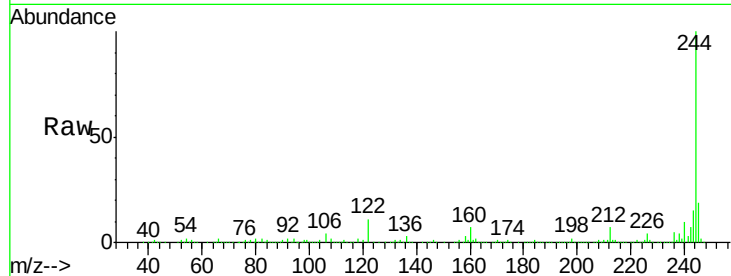
Tot Ion:244 Resp: 1530806

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

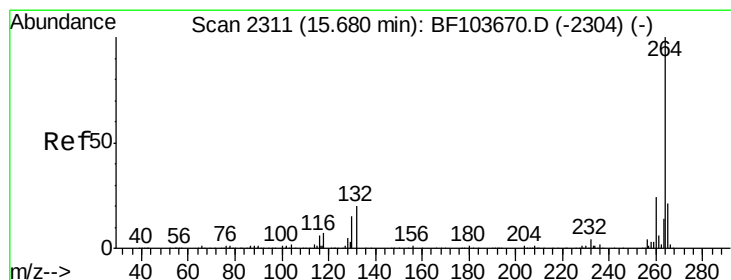
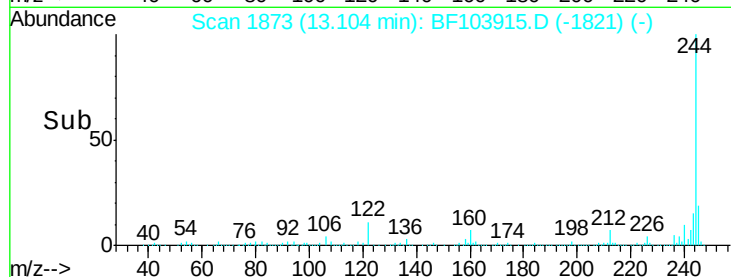
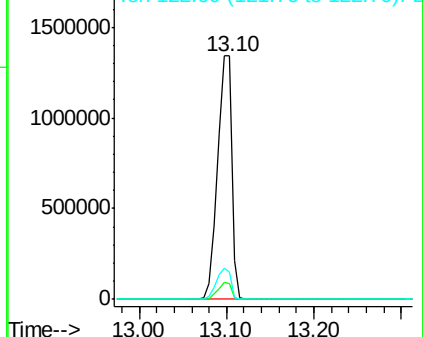
122 11.1 11.0 16.4



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: 15.72 min Scan# 2317

Delta R.T. 0.01 min

Lab File: BF103915.D

Acq: 26 Mar 2018 10:28

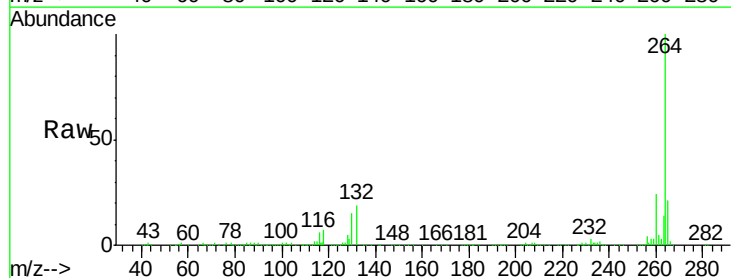
Tgt Ion:264 Resp: 469395

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.3 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

