

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104820.D
 Acq On : 26 Apr 2018 6:33
 Operator : JU/SJ
 Sample : J2470-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-23-4-18-18

Quant Time: Apr 26 14:10:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	120336	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	489632	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	204376	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	317024	20.00	ng	0.00
75) Chrysene-d12	13.97	240	250297	20.00	ng	-0.01
86) Perylene-d12	15.44	264	188764	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	467527	59.41	ng	0.00
7) Phenol-d6	6.43	99	376944	38.98	ng	-0.01
23) Nitrobenzene-d5	7.37	82	724326	96.60	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	255744	120.63	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1233408	95.34	ng	0.00
78) Terphenyl-d14	12.92	244	911346	83.01	ng	0.00

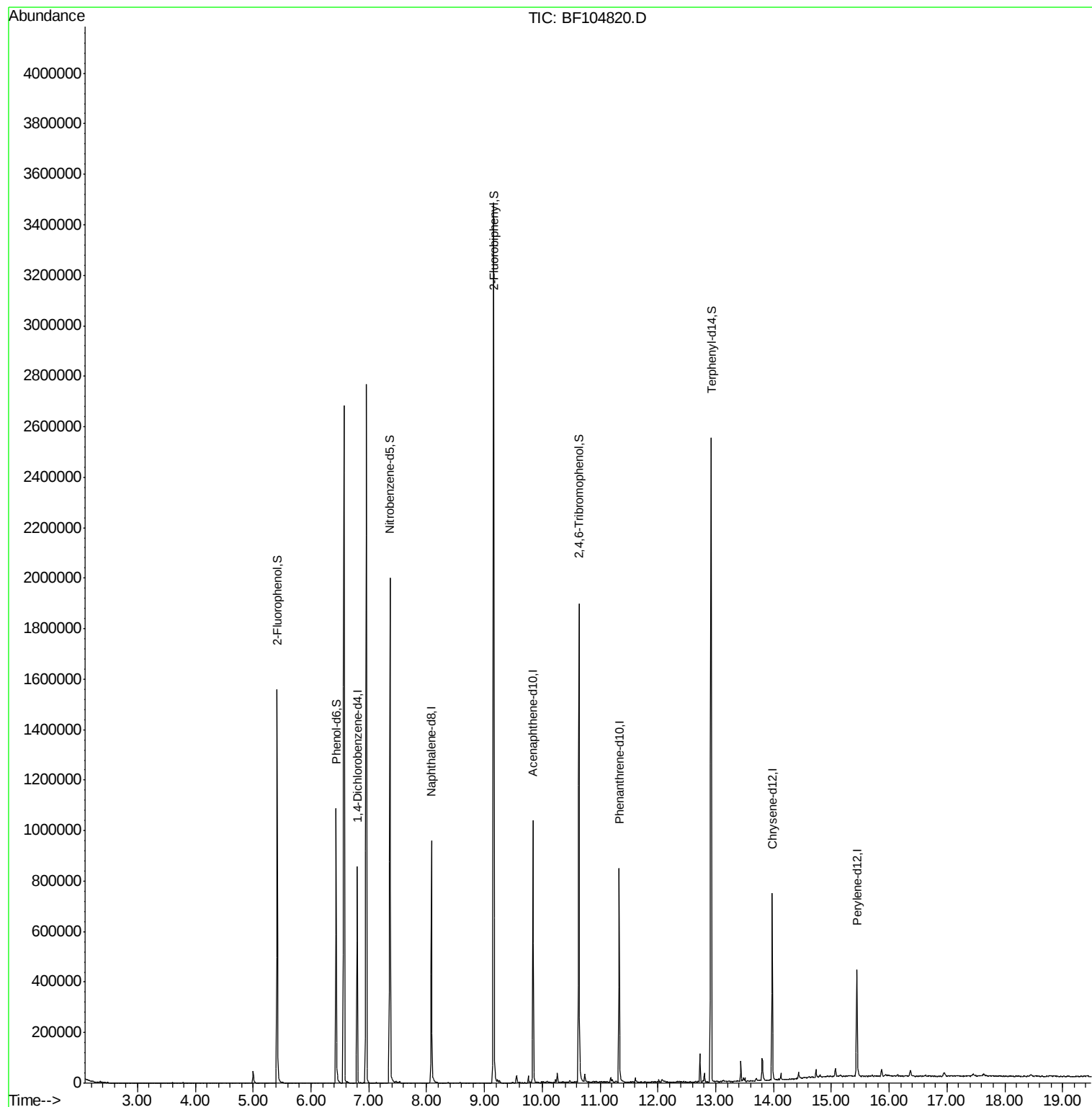
Target Compounds Qvalue

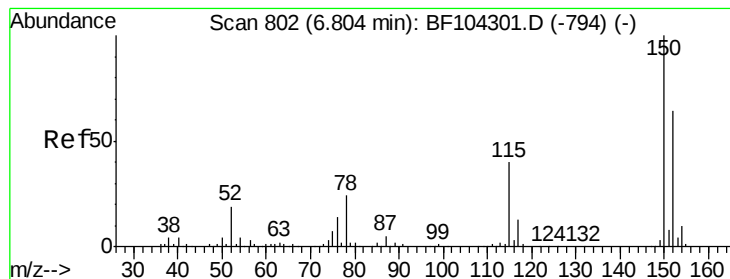
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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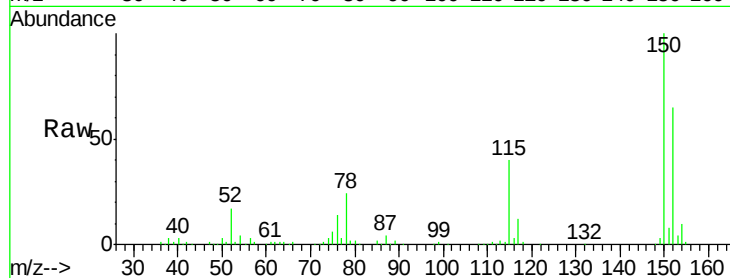


#1

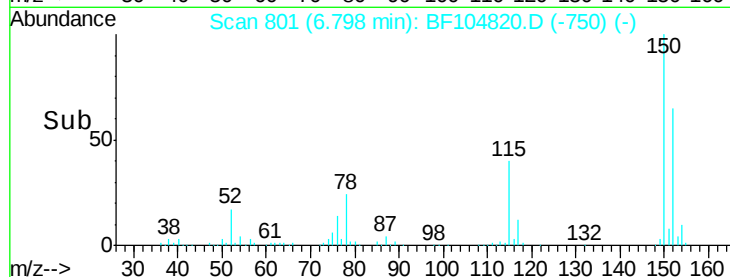
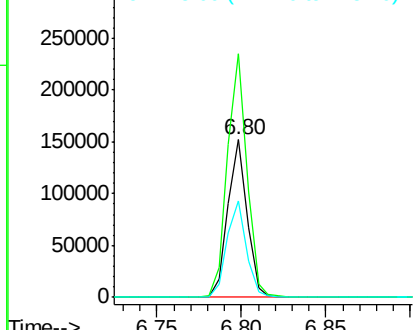
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Instrument :
BNA_F
ClientSampleId :
HW-23-4-18-18

Tot Ion:152 Resp: 120336
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 61.6 50.1 75.1



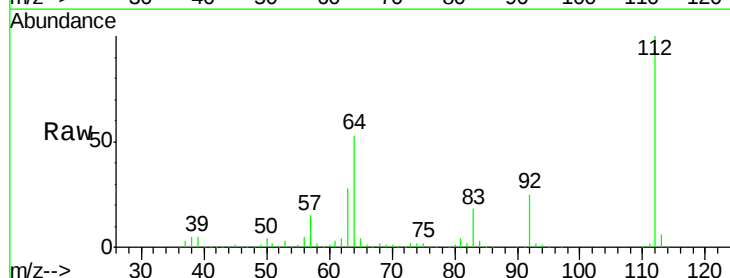
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



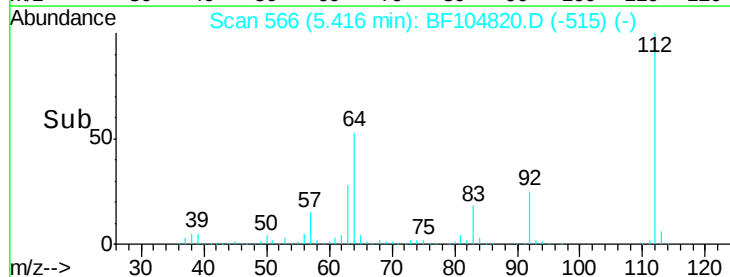
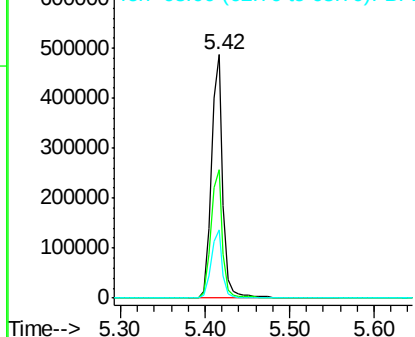
#5

2-Fluorophenol
Concen: 59.407 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Tgt Ion:112 Resp: 467527
Ion Ratio Lower Upper
112 100
64 52.6 47.9 71.9
63 28.1 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: 38.982 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104820.D

Acq: 26 Apr 2018 6:33

Instrument :

BNA_F

ClientSampleId :

HW-23-4-18-18

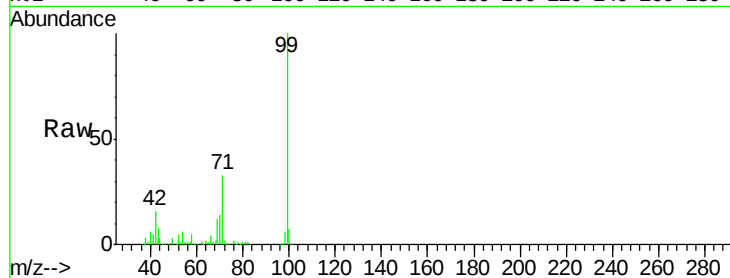
Tot Ion: 99 Resp: 376944

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

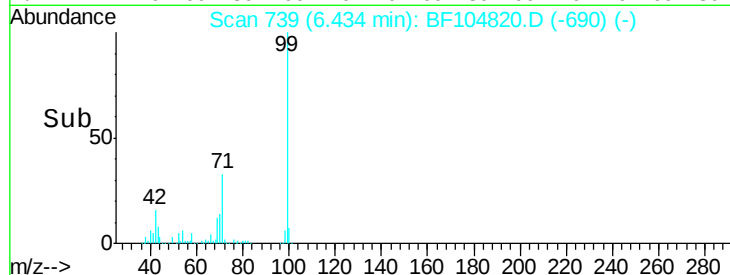
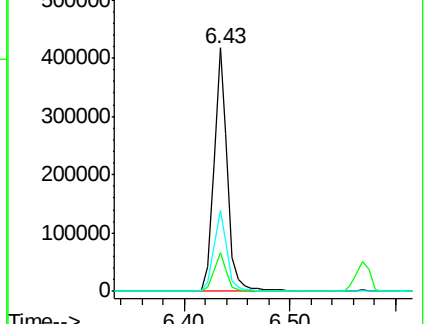
71 33.1 25.4 38.0



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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104820.D

Acq: 26 Apr 2018 6:33

Tgt Ion: 136 Resp: 489632

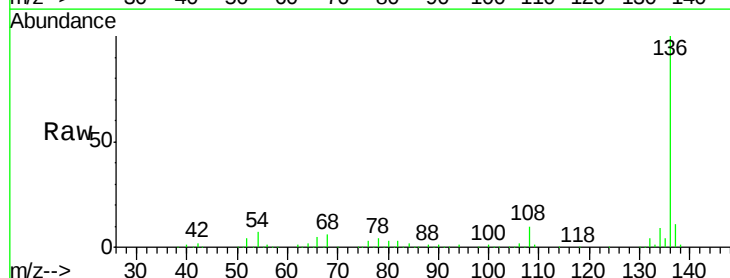
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.1 6.6 9.8

68 5.8 5.0 7.4

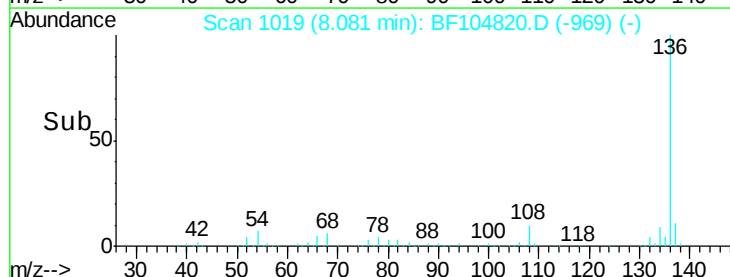
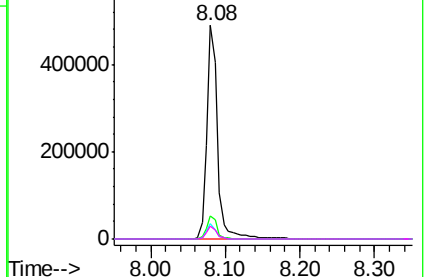


Abundance Ion 136.00 (135.70 to 136.70): E

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

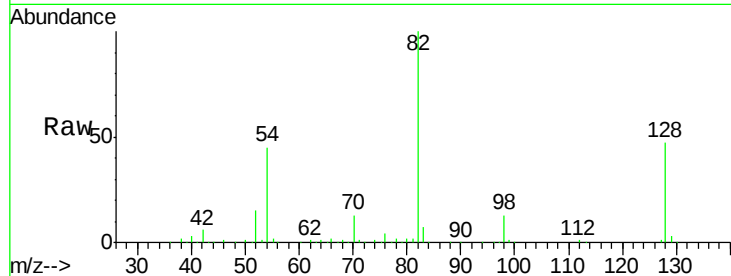




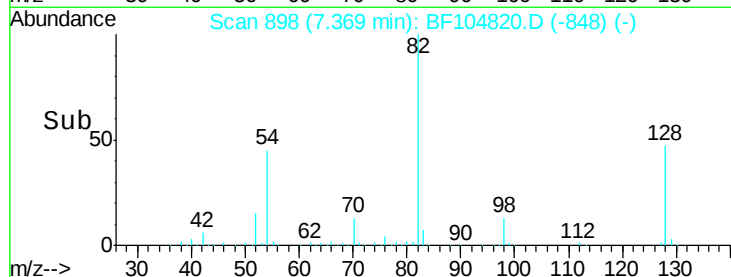
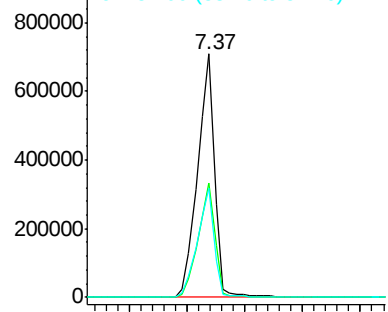
#23
Nitrobenzene-d5
Concen: 96.597 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Instrument :
BNA_F
ClientSampleId :
HW-23-4-18-18

Tot Ion	82	Resp	724326
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
128	46.8		
54	44.9		
	41.4		
	62.2		

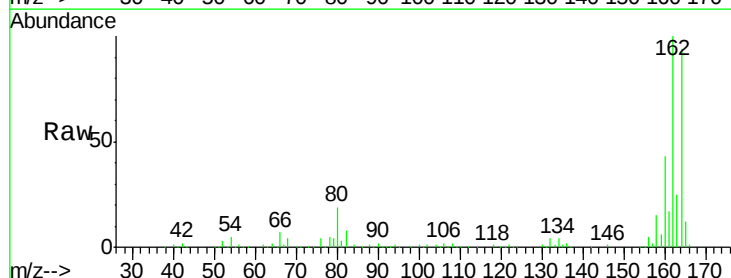


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

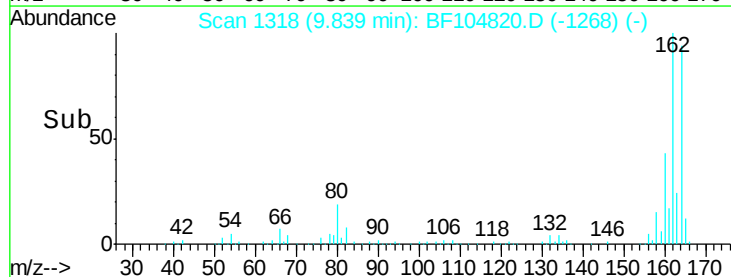
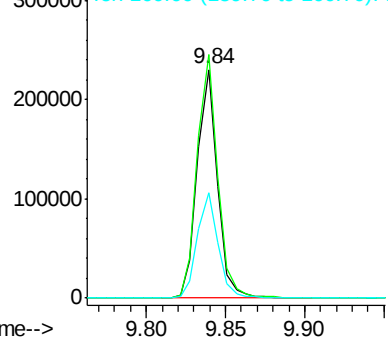


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Tgt Ion	164	Resp	204376
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	106.5		
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

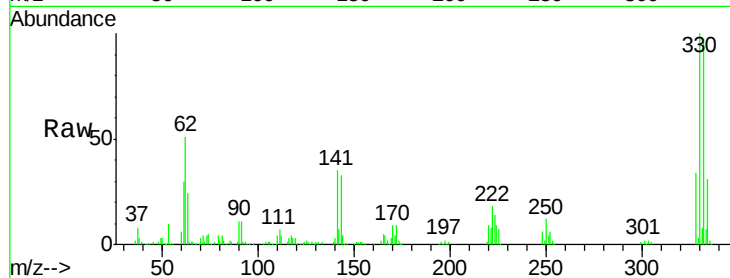




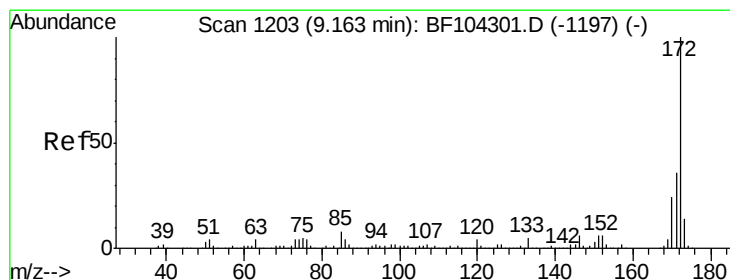
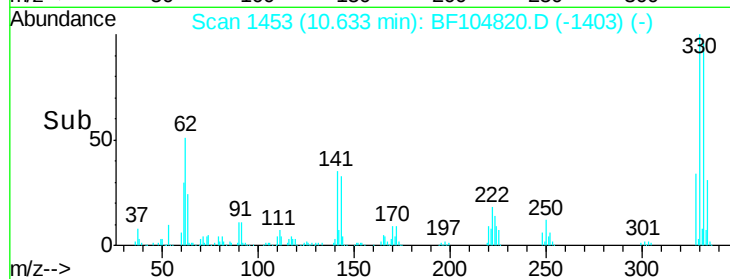
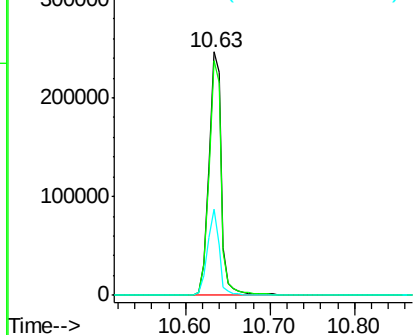
#41
 2,4,6-Tribromophenol
 Concen: 120.631 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104820.D
 Acq: 26 Apr 2018 6:33

Instrument :
 BNA_F
 ClientSampleId :
 HW-23-4-18-18

Tot Ion:330 Resp: 255744
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 33.2 29.9 44.9

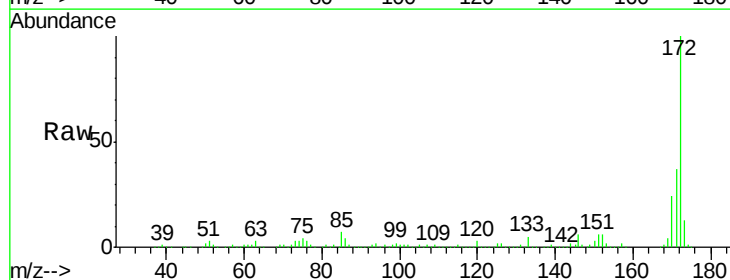


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

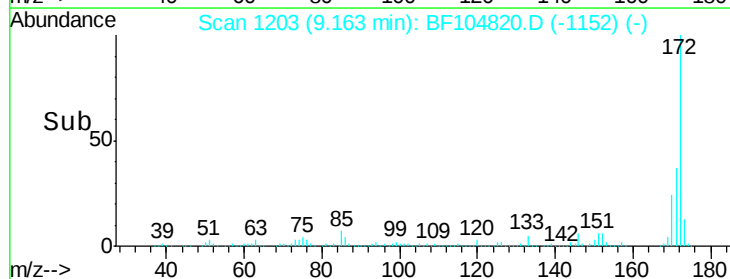
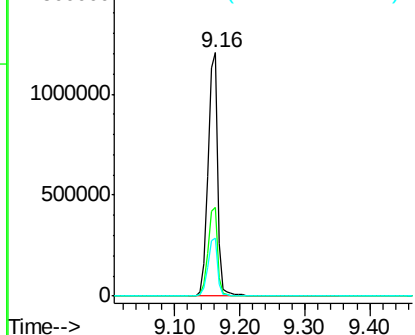


#44
 2-Fluorobiphenyl
 Concen: 95.338 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104820.D
 Acq: 26 Apr 2018 6:33

Tgt Ion:172 Resp: 1233408
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.0 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

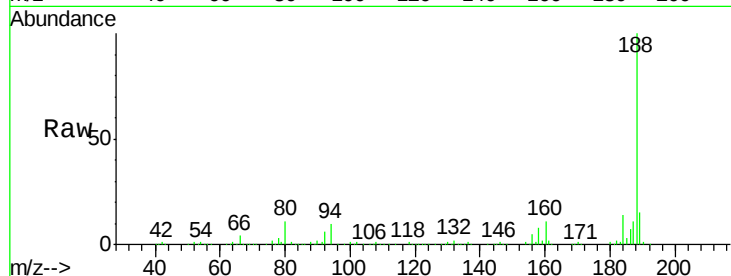




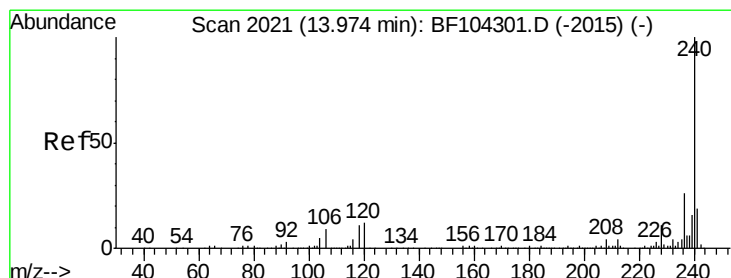
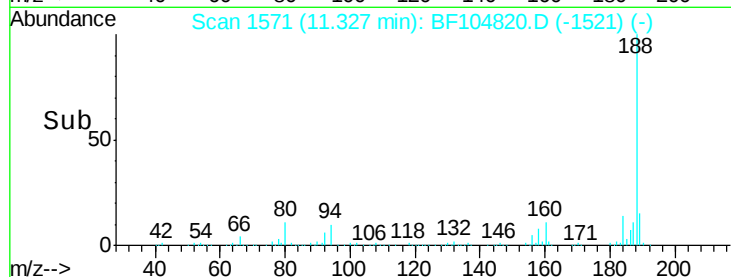
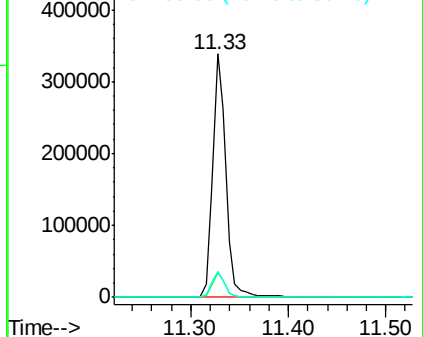
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Instrument :
BNA_F
ClientSampleId :
HW-23-4-18-18

Tot Ion:188 Resp: 317024
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.8 9.2 13.8

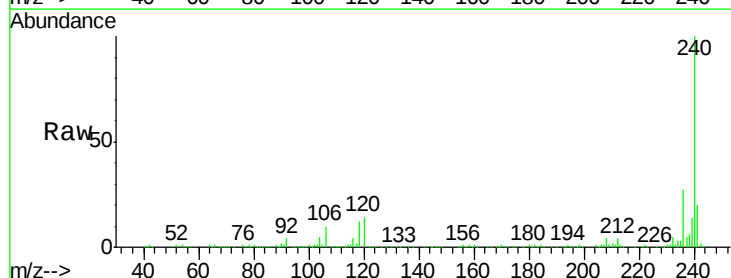


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

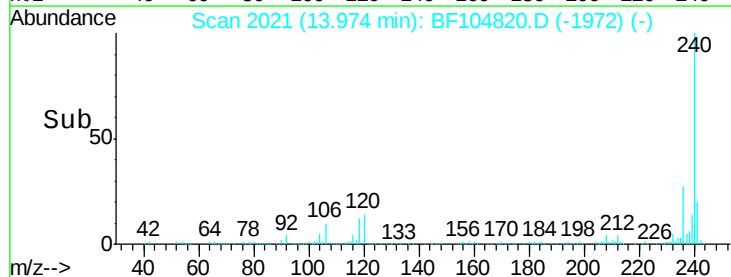
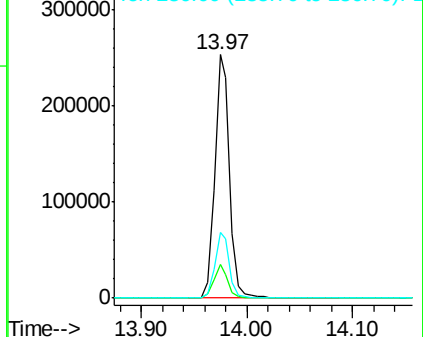


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104820.D
Acq: 26 Apr 2018 6:33

Tgt Ion:240 Resp: 250297
Ion Ratio Lower Upper
240 100
120 13.9 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: 83.010 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104820.D

Acq: 26 Apr 2018 6:33

Instrument :

BNA_F

ClientSampleId :

HW-23-4-18-18

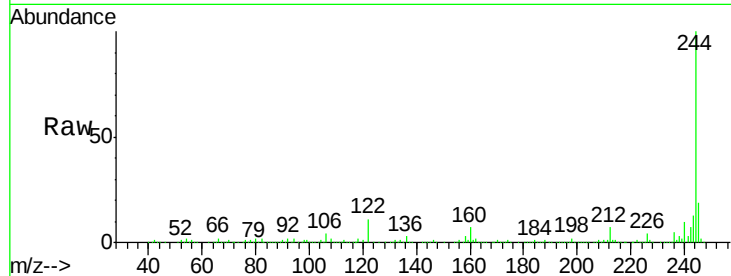
Tot Ion:244 Resp: 911346

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

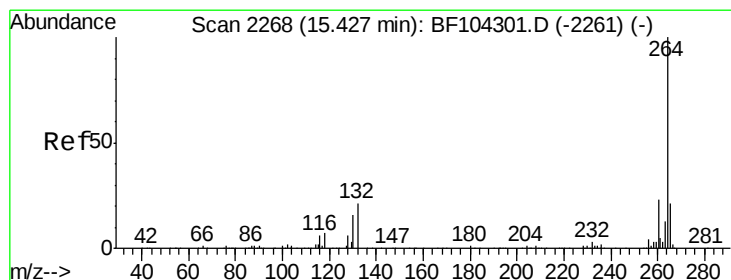
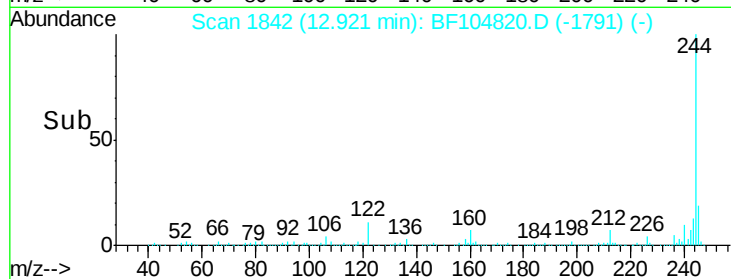
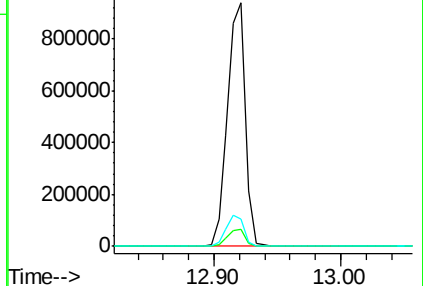
122 11.3 11.0 16.4



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: 15.44 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BF104820.D

Acq: 26 Apr 2018 6:33

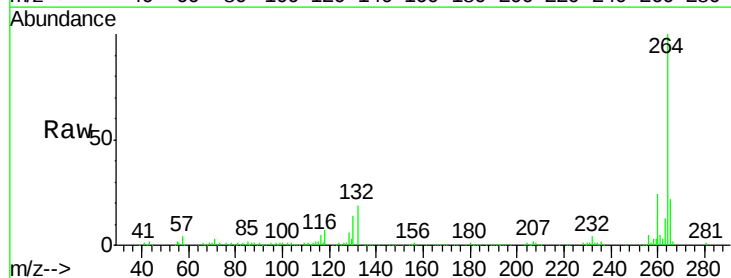
Tgt Ion:264 Resp: 188764

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.6 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

