

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104821.D
 Acq On : 26 Apr 2018 7:00
 Operator : JU/SJ
 Sample : J2470-09
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-10-4-18-18

Quant Time: Apr 26 14:13:09 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	118244	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	467780	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	195691	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	286980	20.00	ng	0.00
75) Chrysene-d12	13.97	240	235162	20.00	ng	-0.01
86) Perylene-d12	15.44	264	180149	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	434809	56.23	ng	0.00
7) Phenol-d6	6.43	99	329234	34.65	ng	-0.01
23) Nitrobenzene-d5	7.37	82	694702	96.97	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	230675	113.64	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1168772	94.35	ng	0.00
78) Terphenyl-d14	12.92	244	851932	82.59	ng	0.00

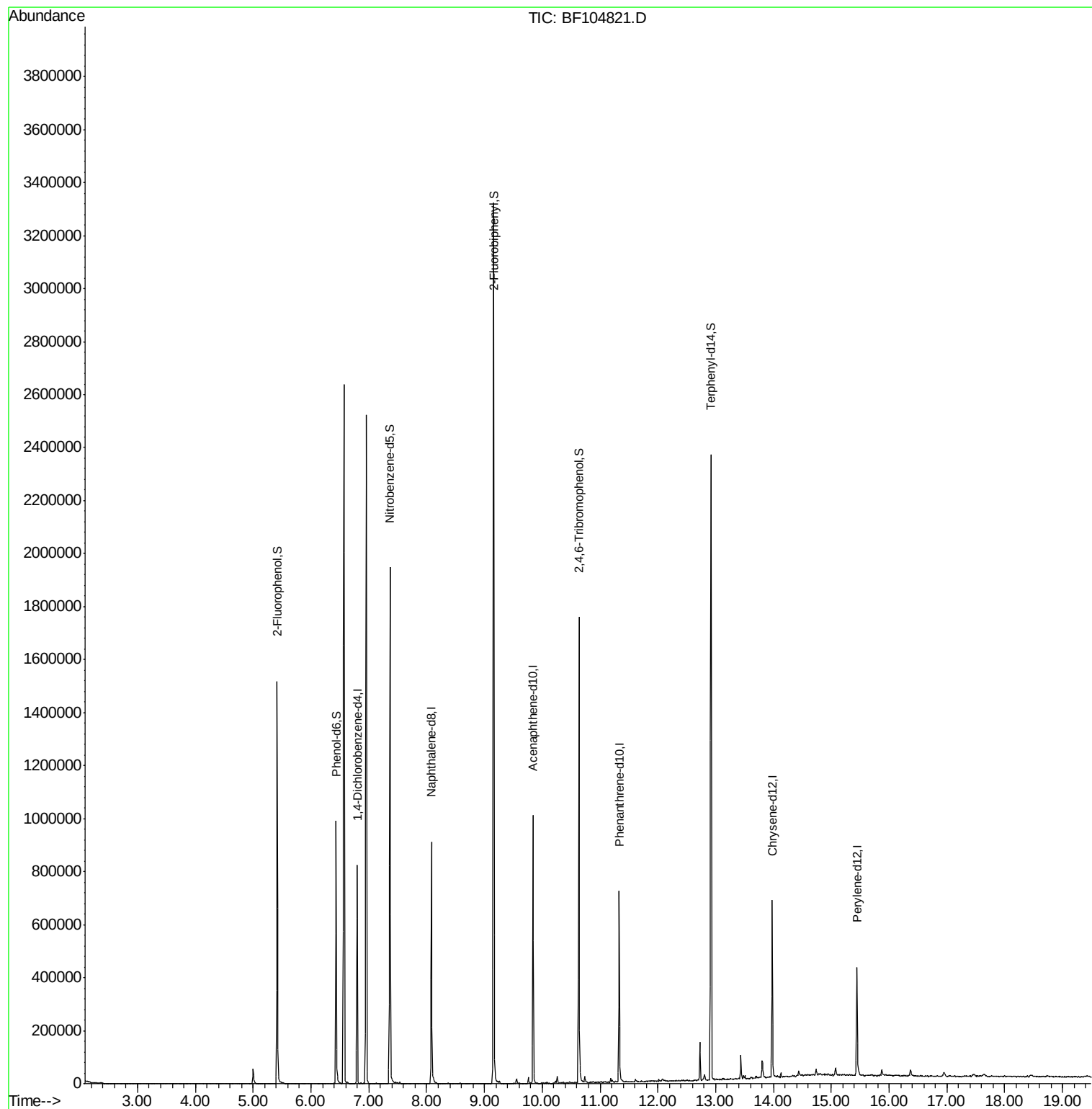
Target Compounds Qvalue

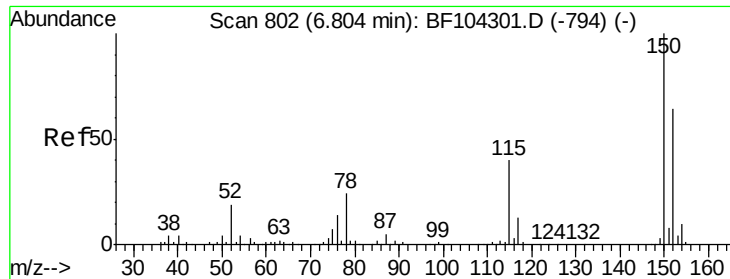
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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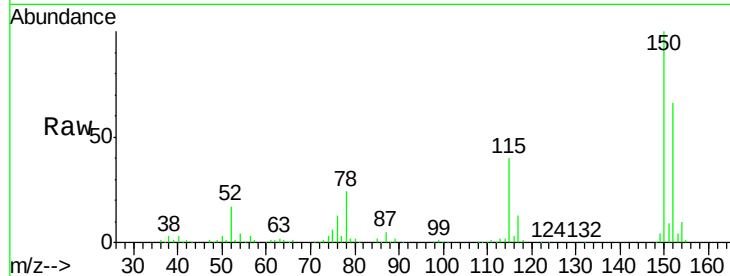


#1

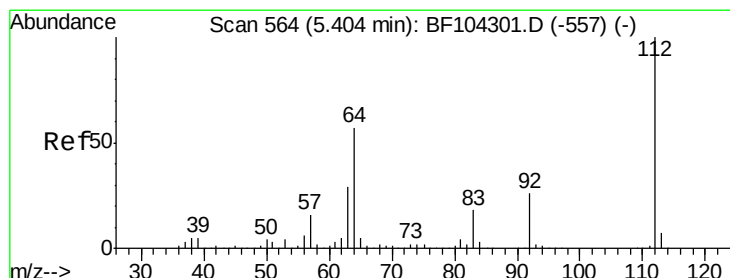
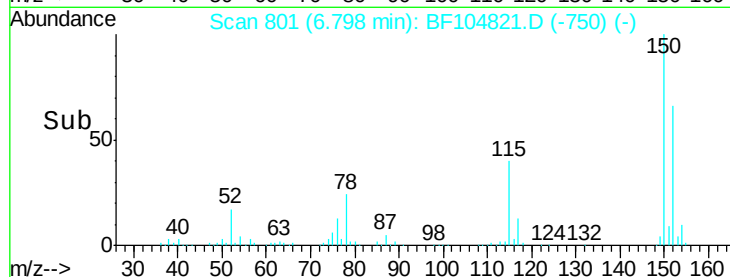
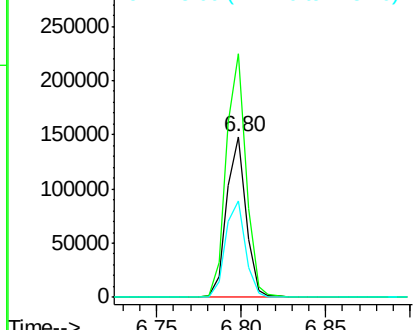
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF104821.D
 Acq: 26 Apr 2018 7:00

Instrument :
 BNA_F
 ClientSampleId :
 HW-10-4-18-18

Tot Ion:152 Resp: 118244
 Ion Ratio Lower Upper
 152 100
 150 151.7 124.6 186.8
 115 60.4 50.1 75.1



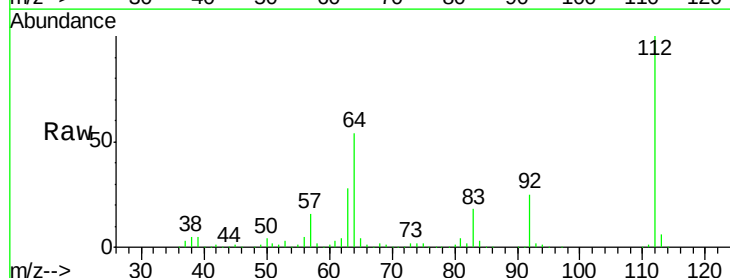
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



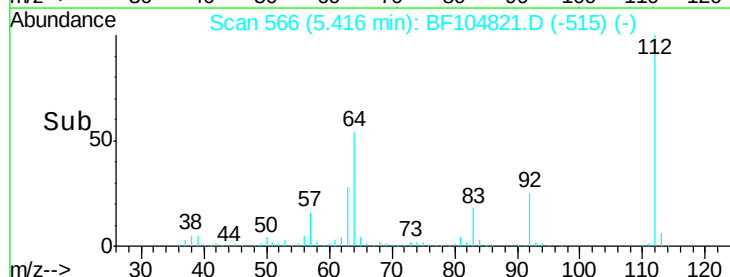
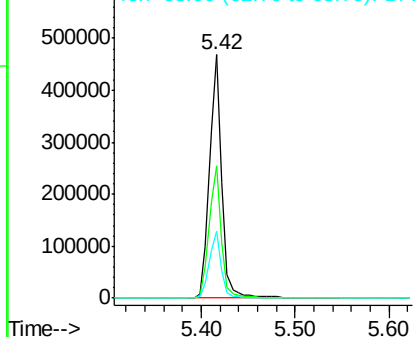
#5

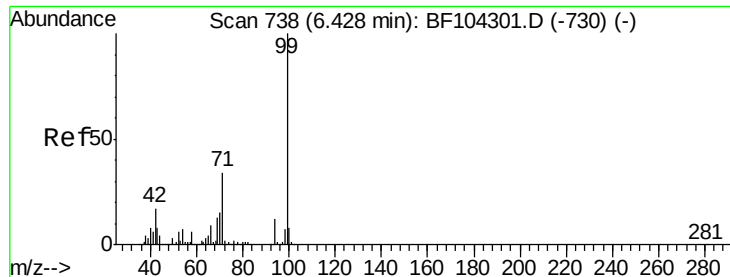
2-Fluorophenol
 Concen: 56.227 ng
 RT: 5.42 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF104821.D
 Acq: 26 Apr 2018 7:00

Tgt Ion:112 Resp: 434809
 Ion Ratio Lower Upper
 112 100
 64 54.5 47.9 71.9
 63 27.7 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: 34.651 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104821.D

Acq: 26 Apr 2018 7:00

Instrument :

BNA_F

ClientSampleId :

HW-10-4-18-18

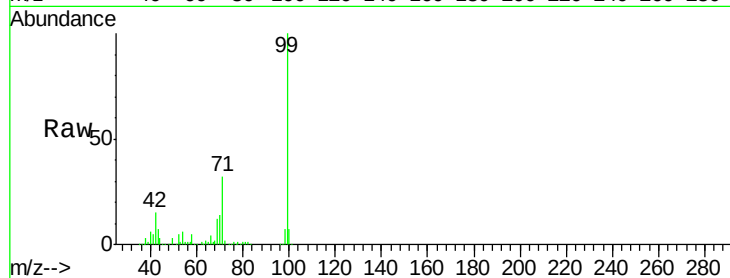
Tot Ion: 99 Resp: 329234

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

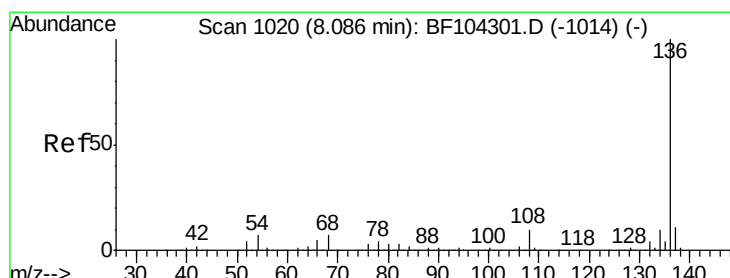
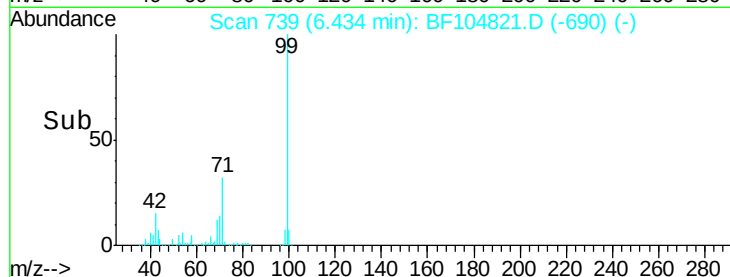
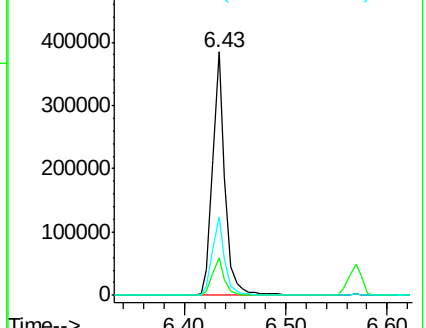
71 32.5 25.4 38.0



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: BF104821.D

Acq: 26 Apr 2018 7:00

Tgt Ion: 136 Resp: 467780

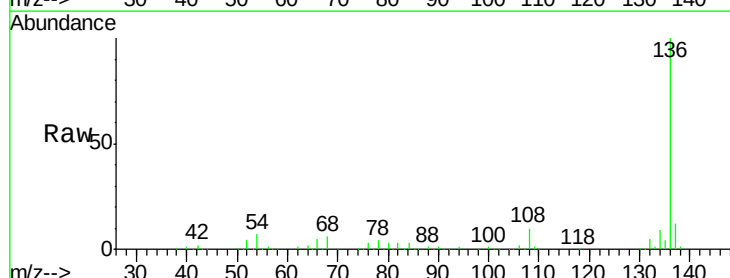
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 6.6 6.6 9.8

68 5.9 5.0 7.4

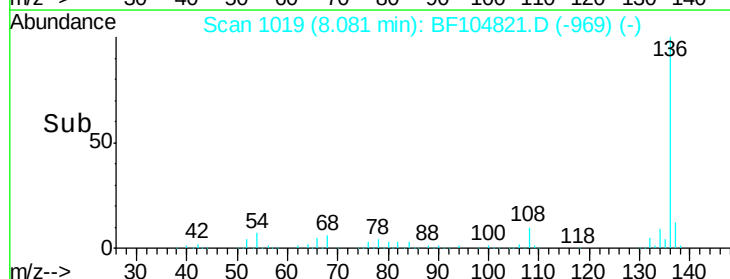
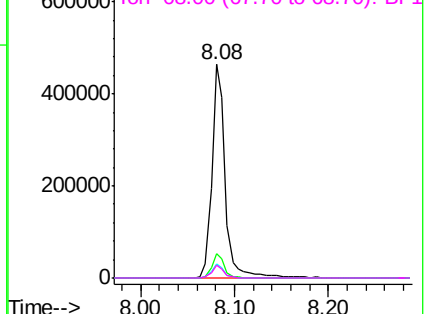


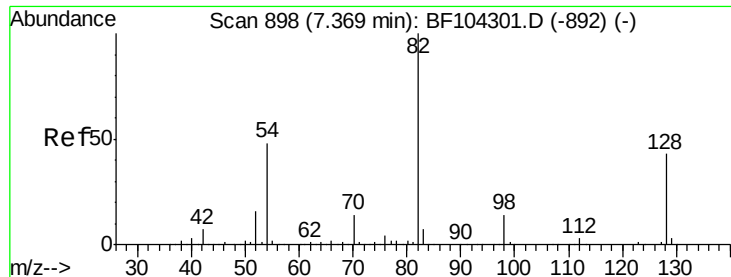
Abundance Ion 136.00 (135.70 to 136.70): E

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

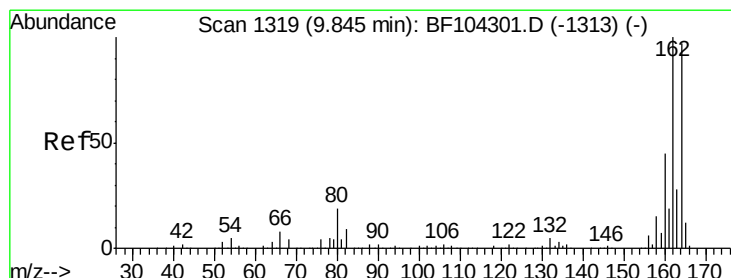
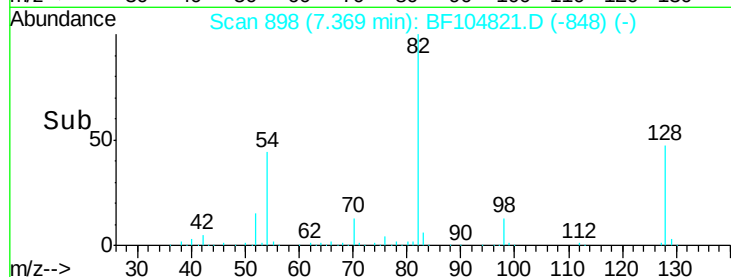
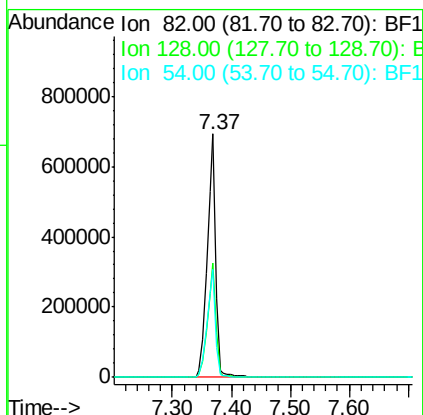
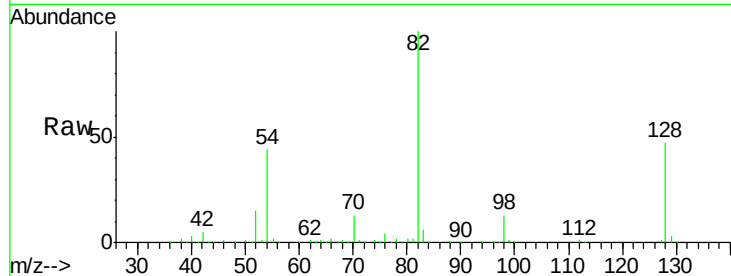




#23
Nitrobenzene-d5
Concen: 96.974 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104821.D
Acq: 26 Apr 2018 7:00

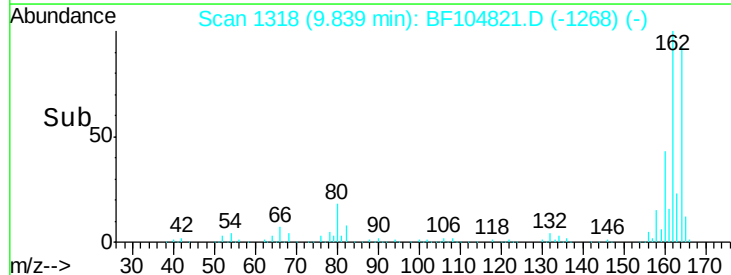
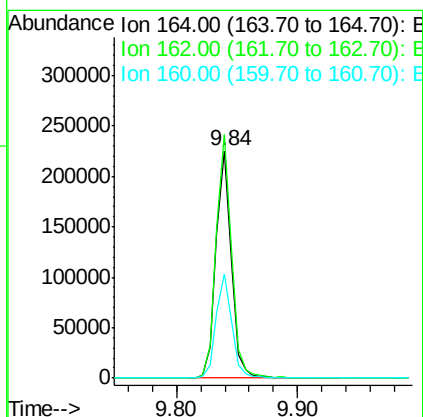
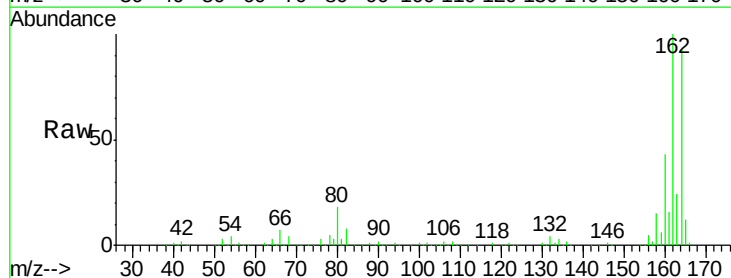
Instrument :
BNA_F
ClientSampleId :
HW-10-4-18-18

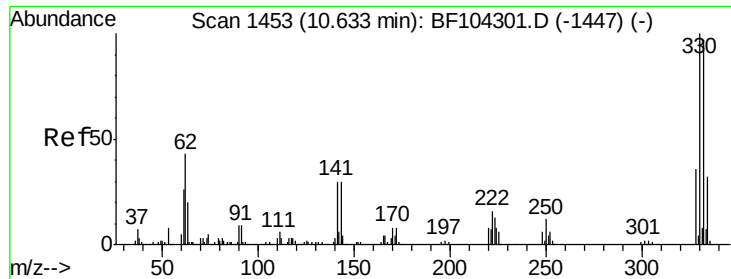
Tot Ion: 82 Resp: 694702
Ion Ratio Lower Upper
82 100
128 47.0 36.1 54.1
54 44.4 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104821.D
Acq: 26 Apr 2018 7:00

Tgt Ion:164 Resp: 195691
Ion Ratio Lower Upper
164 100
162 107.0 86.1 129.1
160 46.0 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 113.635 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104821.D

Acq: 26 Apr 2018 7:00

Instrument :

BNA_F

ClientSampleId :

HW-10-4-18-18

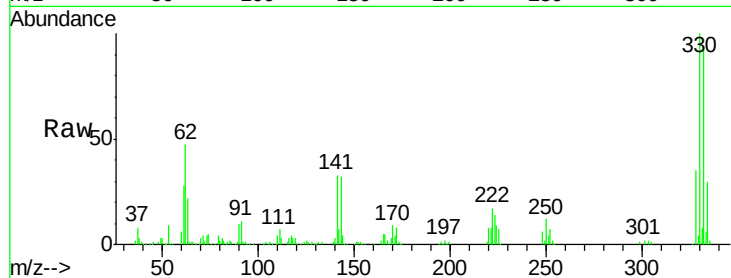
Tot Ion:330 Resp: 230675

Ion Ratio Lower Upper

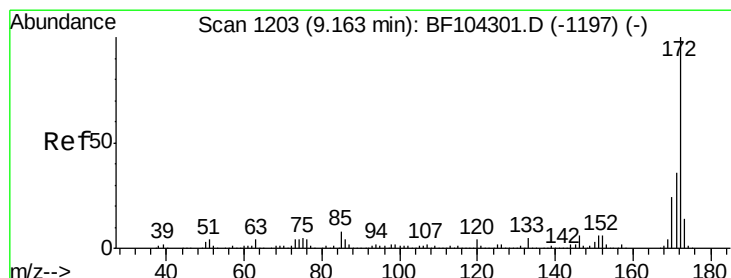
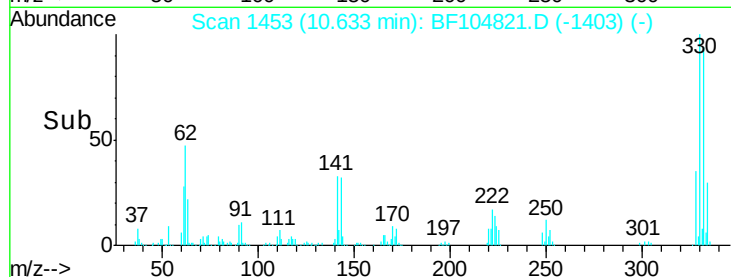
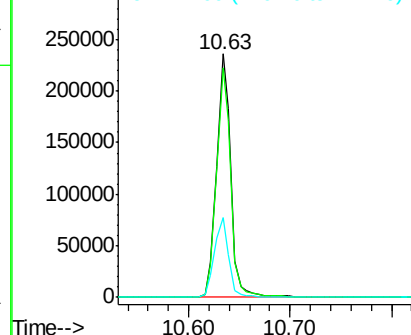
330 100

332 94.5 77.0 115.6

141 33.1 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: 94.351 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF104821.D

Acq: 26 Apr 2018 7:00

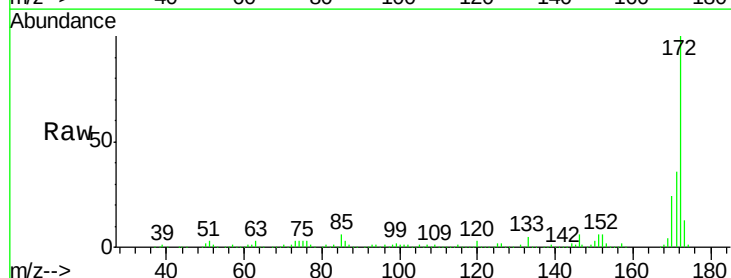
Tgt Ion:172 Resp: 1168772

Ion Ratio Lower Upper

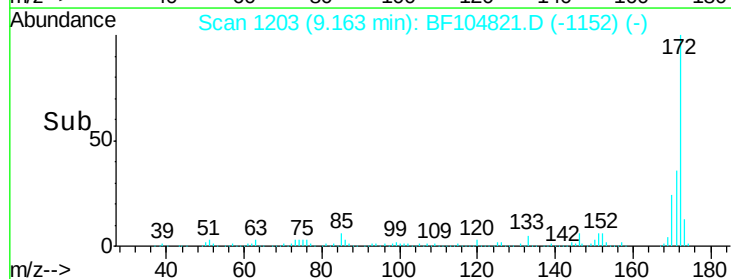
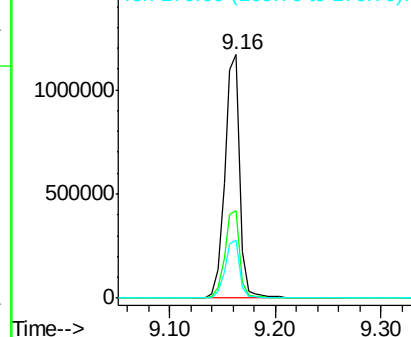
172 100

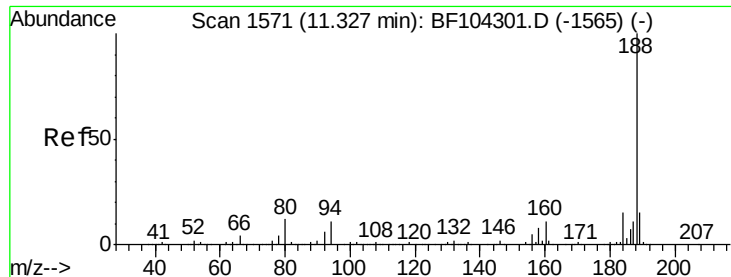
171 36.0 29.7 44.5

170 23.8 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

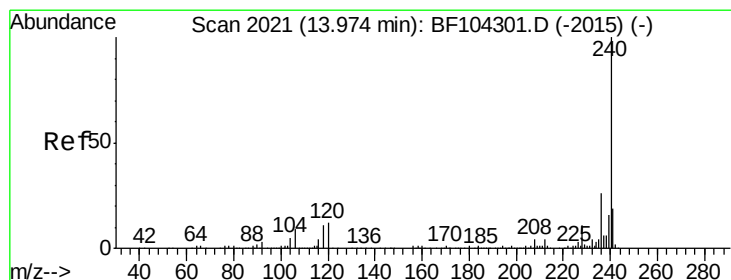
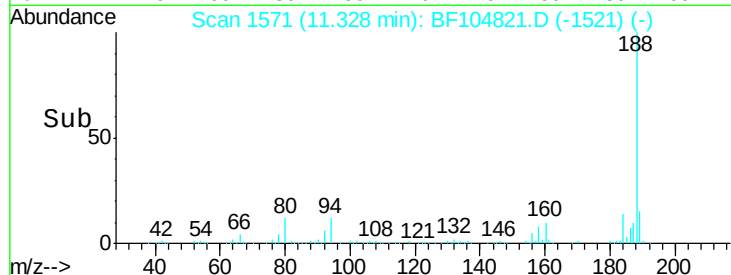
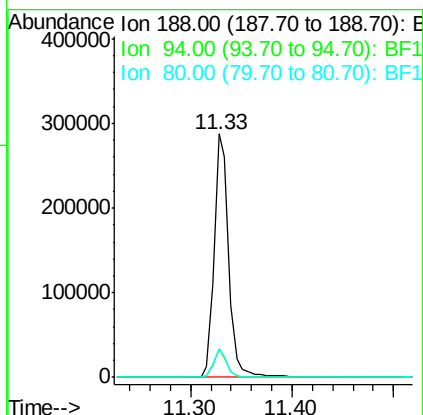
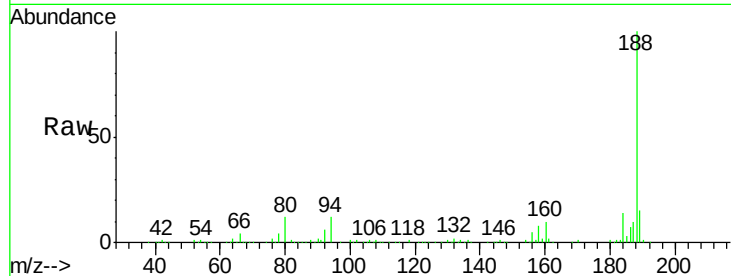




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104821.D
Acq: 26 Apr 2018 7:00

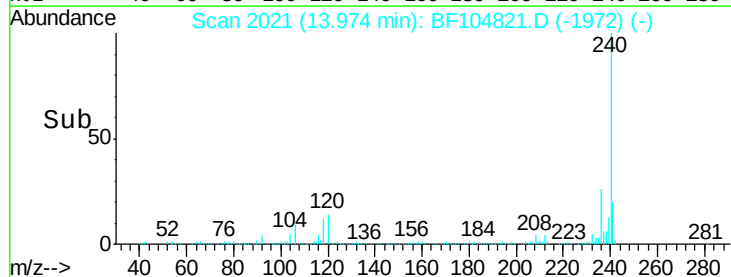
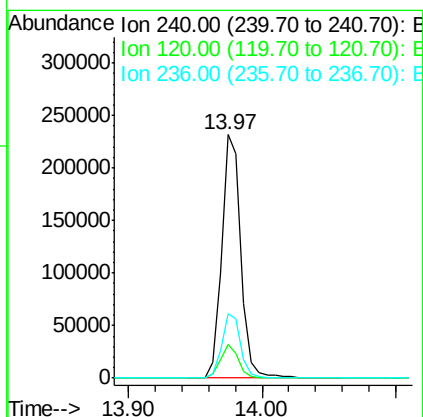
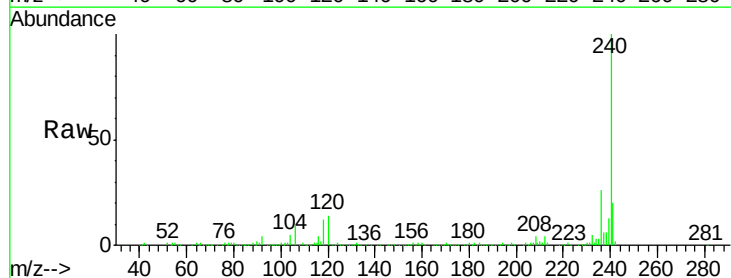
Instrument :
BNA_F
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HW-10-4-18-18

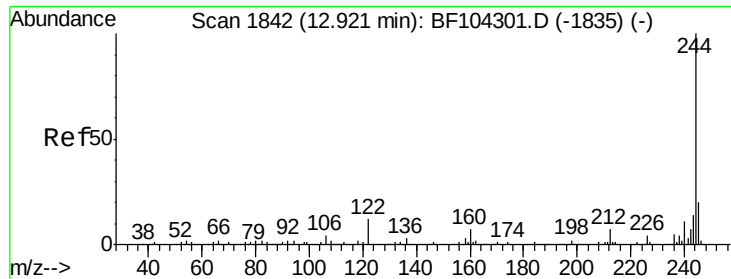
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	11.9	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104821.D
Acq: 26 Apr 2018 7:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	26.5	20.7	31.1

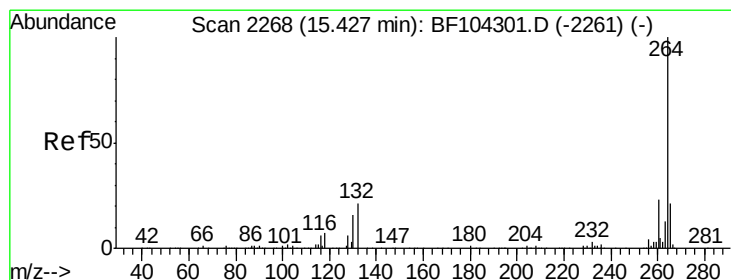
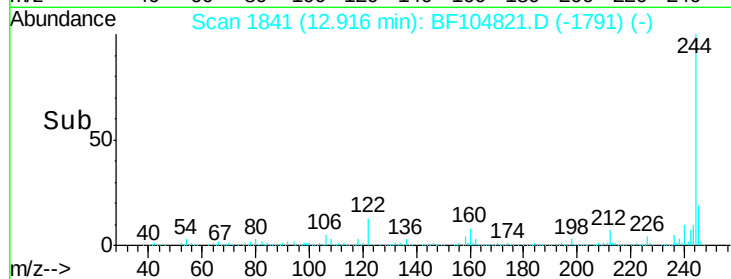
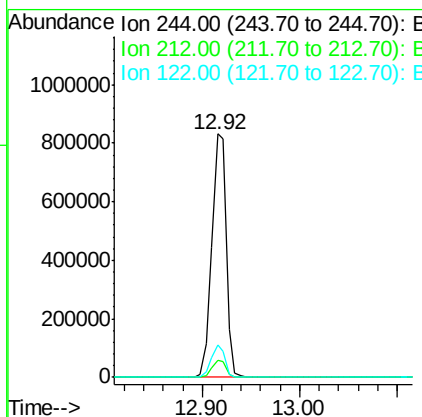
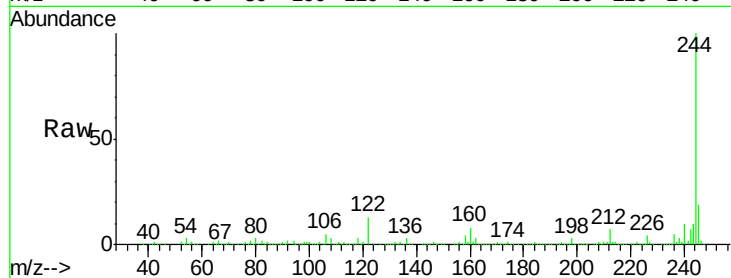




#78
 Terphenyl-d14
 Concen: 82.592 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104821.D
 Acq: 26 Apr 2018 7:00

Instrument :
 BNA_F
 ClientSampleID :
 HW-10-4-18-18

Tot Ion:244 Resp: 851932
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF104821.D
 Acq: 26 Apr 2018 7:00

Tgt Ion:264 Resp: 180149
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.8 17.5 26.3

