

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
 Data File : BF104418.D
 Acq On : 10 Apr 2018 19:26
 Operator : JU/SJ
 Sample : PB108119BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108119BL

Quant Time: Apr 11 01:15:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 12:04:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	123544	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	488742	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	201478	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	299679	20.00	ng	0.00
75) Chrysene-d12	13.97	240	254883	20.00	ng	-0.01
86) Perylene-d12	15.44	264	188918	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	833991	103.22	ng	0.01
7) Phenol-d6	6.44	99	1006953	101.43	ng	0.00
23) Nitrobenzene-d5	7.37	82	614252	82.07	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	184056	88.07	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1039500	81.51	ng	0.00
78) Terphenyl-d14	12.92	244	790797	70.73	ng	0.00

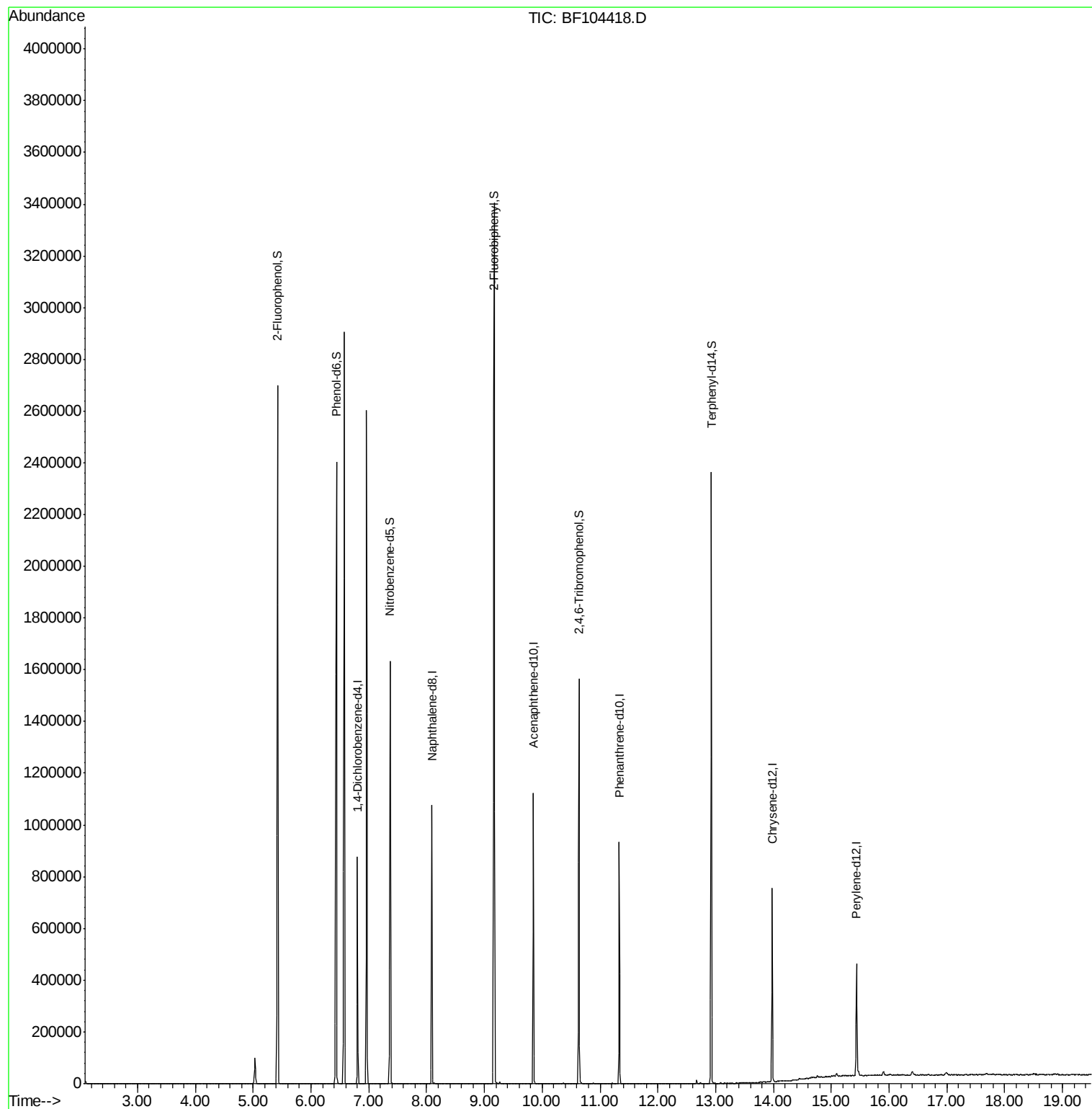
Target Compounds Qvalue

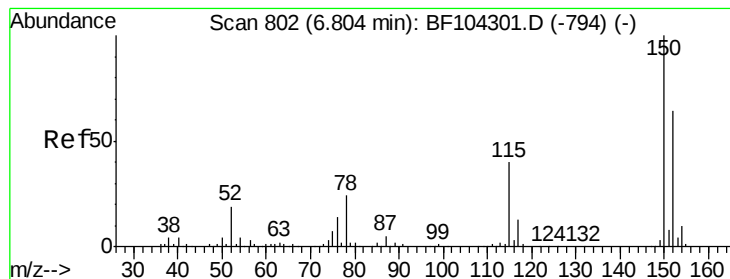
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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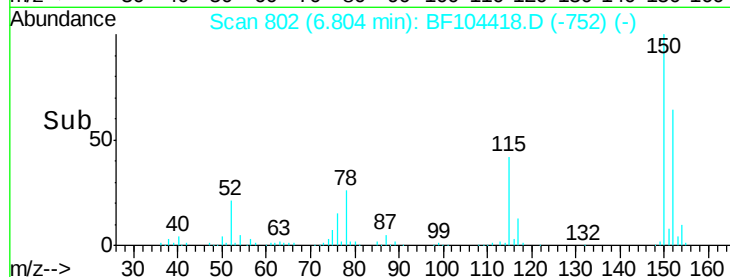
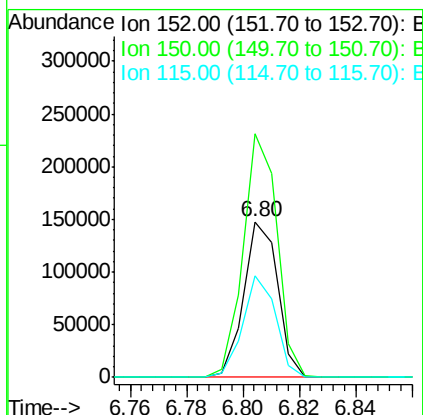
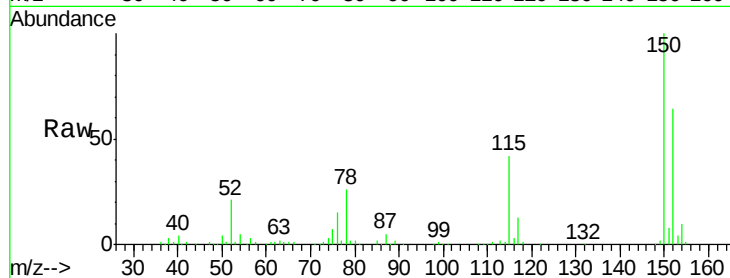


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Instrument :
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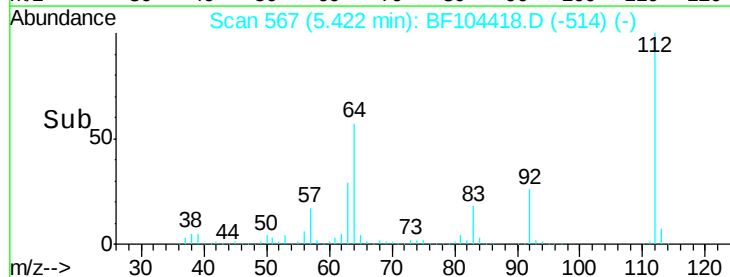
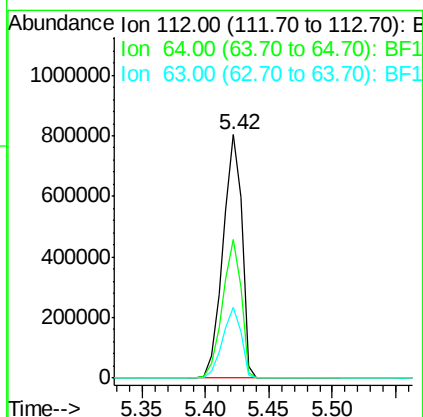
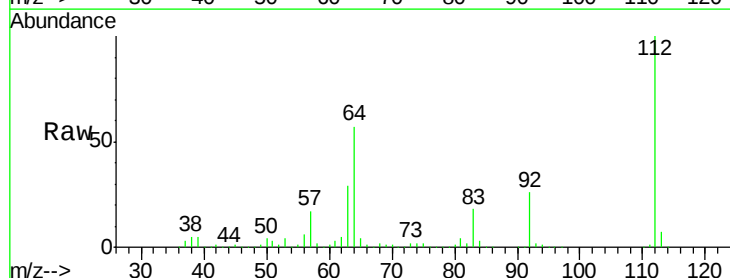
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	65.4	50.1	75.1

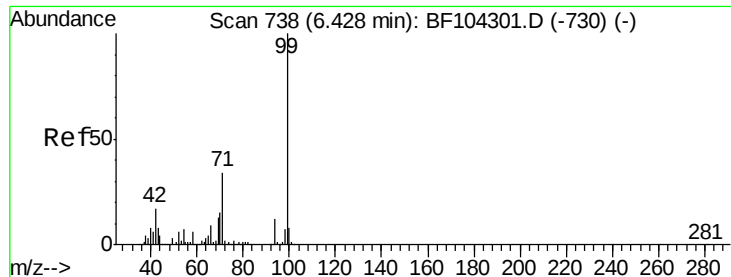


#5

2-Fluorophenol
Concen: 103.220 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.9	71.9
63	29.1	23.7	35.5





#7

Phenol-d6

Concen: 101.432 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104418.D

Acq: 10 Apr 2018 19:26

Instrument :

BNA_F

ClientSampleId :

PB108119BL

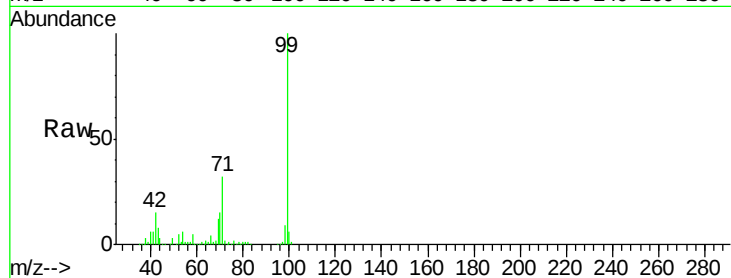
Tot Ion: 99 Resp: 1006953

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

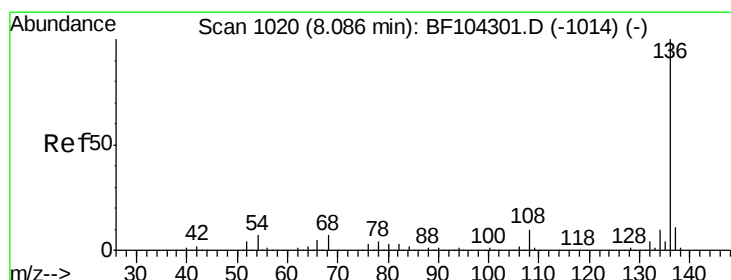
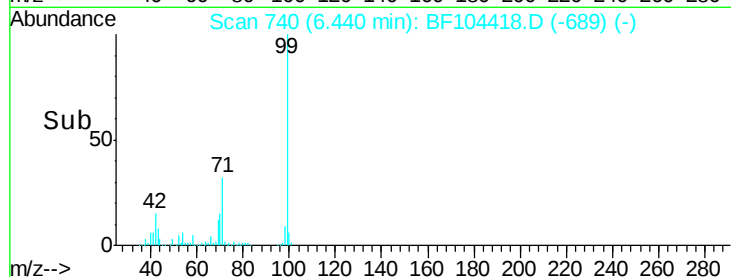
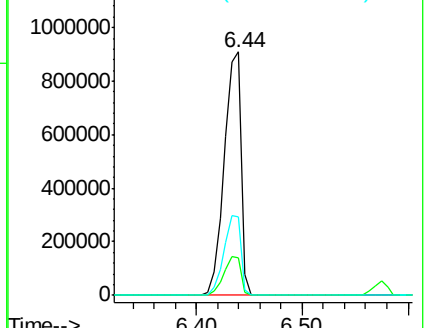
71 32.3 25.4 38.0



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: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF104418.D

Acq: 10 Apr 2018 19:26

Tgt Ion: 136 Resp: 488742

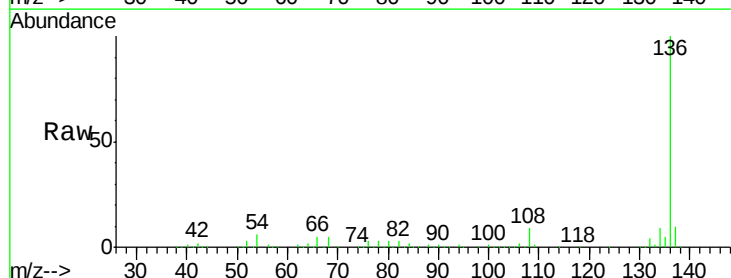
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.5 6.6 9.8#

68 5.5 5.0 7.4

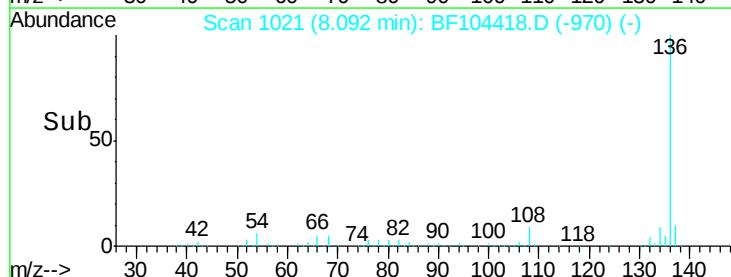
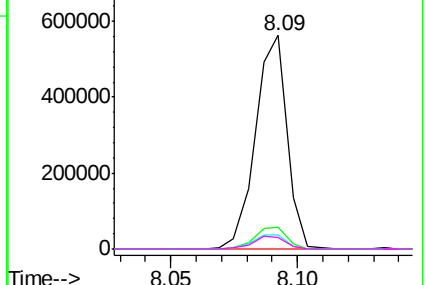


Abundance Ion 136.00 (135.70 to 136.70): E

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

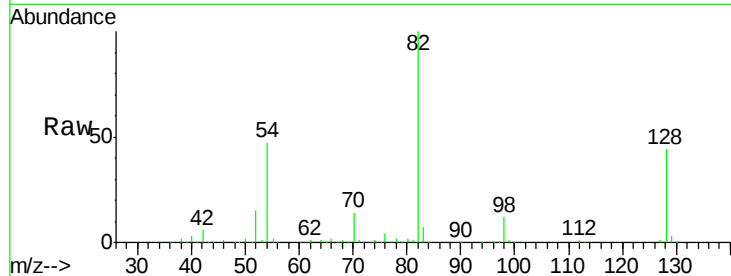




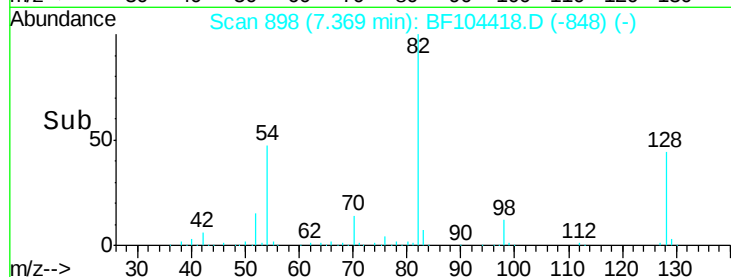
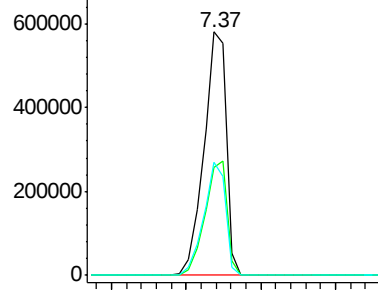
#23
 Nitrobenzene-d5
 Concen: 82.067 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104418.D
 Acq: 10 Apr 2018 19:26

Instrument :
 BNA_F
 ClientSampleID :
 PB108119BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	46.7	41.4	62.2

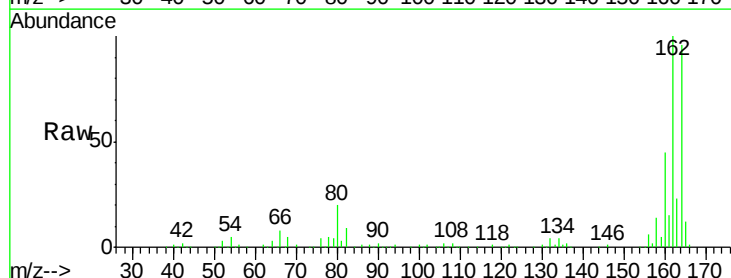


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

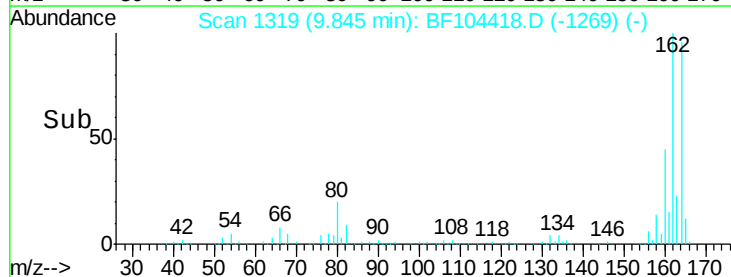
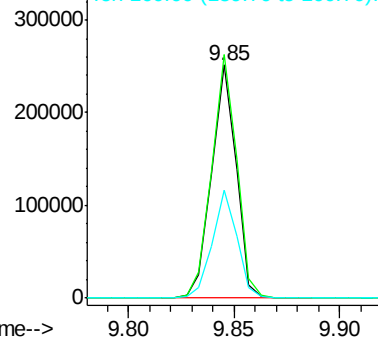


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104418.D
 Acq: 10 Apr 2018 19:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	46.5	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

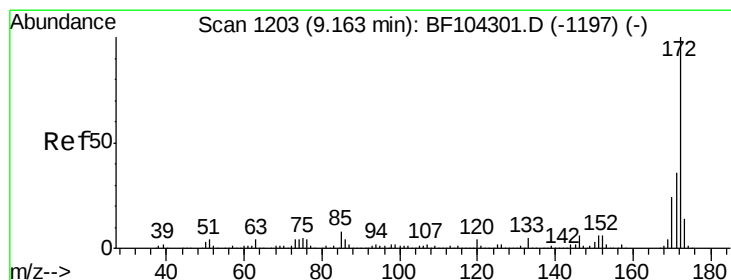
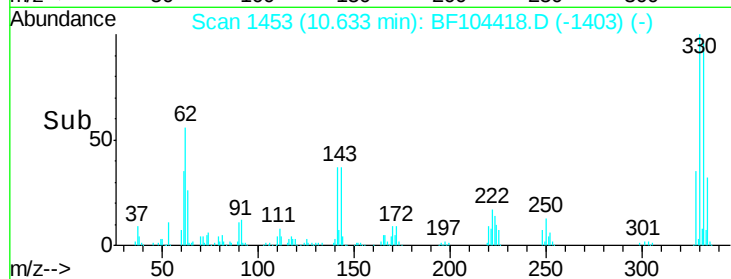
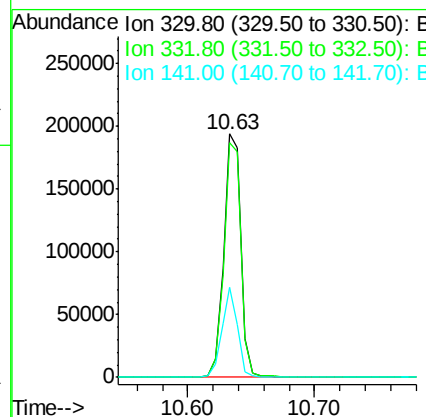
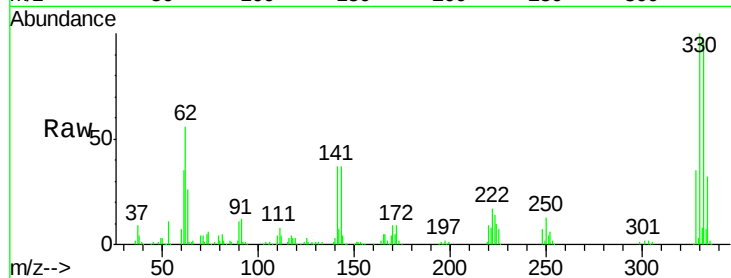




#41
 2,4,6-Tribromophenol
 Concen: 88.066 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104418.D
 Acq: 10 Apr 2018 19:26

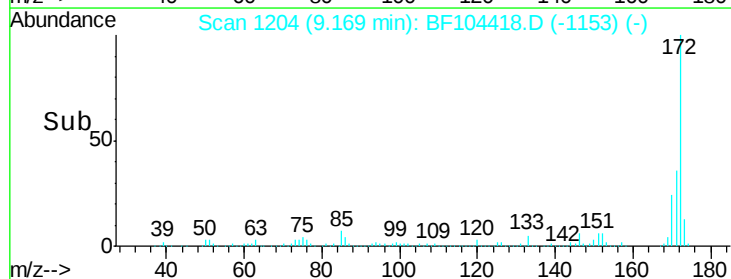
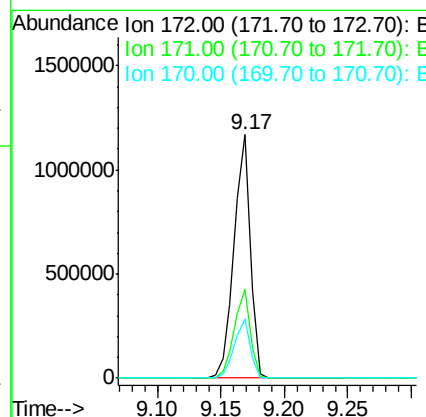
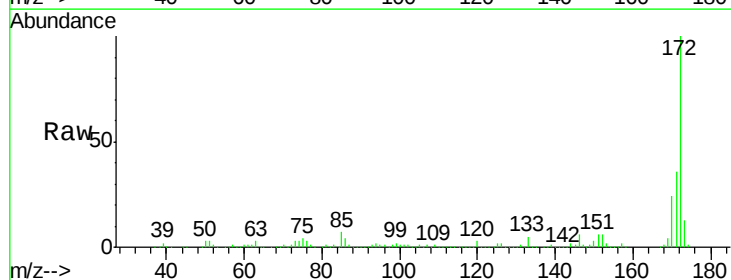
Instrument :
 BNA_F
 ClientSampleId :
 PB108119BL

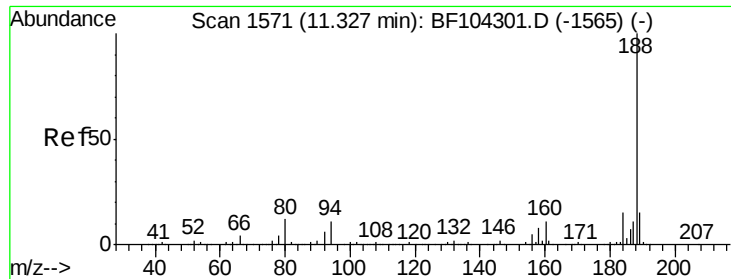
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 81.505 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104418.D
 Acq: 10 Apr 2018 19:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4

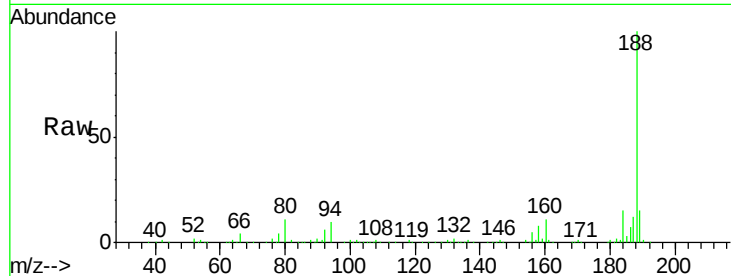




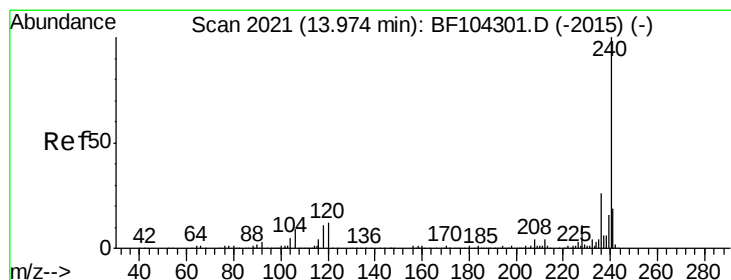
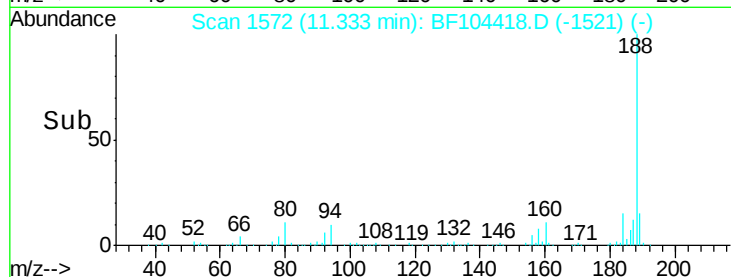
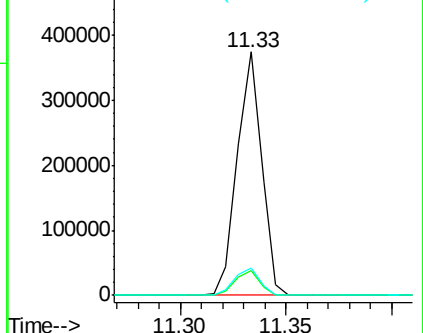
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB108119BL

Tot Ion:188 Resp: 299679
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.2 9.2 13.8

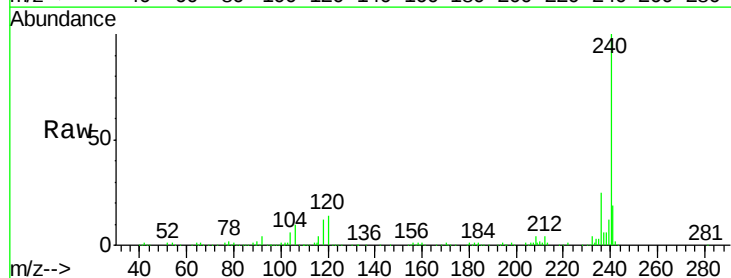


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

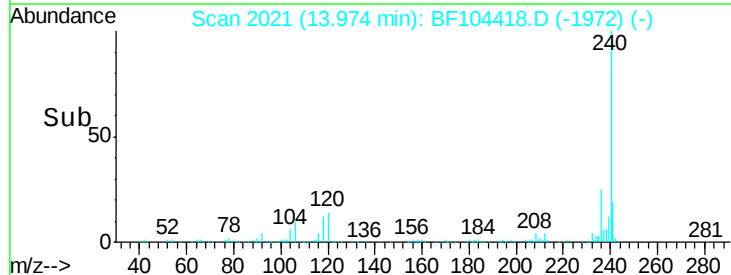
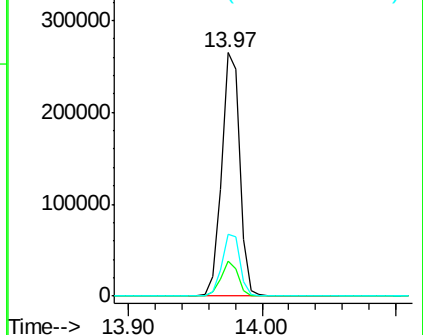


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Tgt Ion:240 Resp: 254883
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3
236 25.3 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: 70.734 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF104418.D

Acq: 10 Apr 2018 19:26

Instrument :

BNA_F

ClientSampleId :

PB108119BL

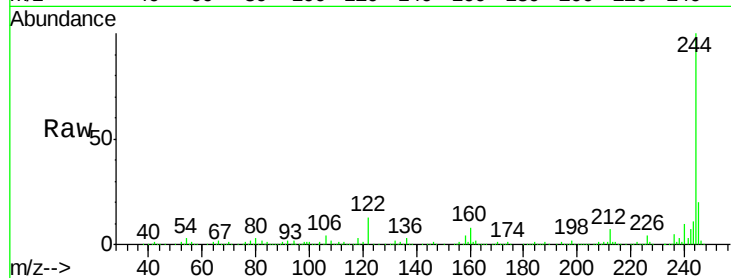
Tot Ion:244 Resp: 790797

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

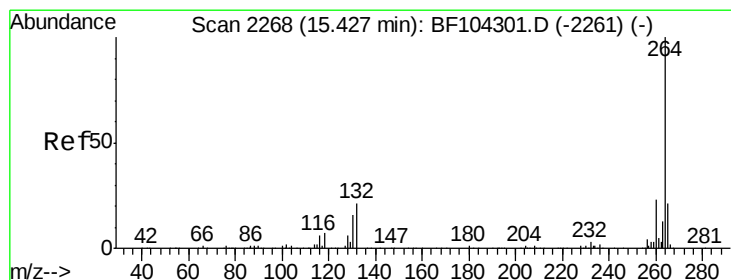
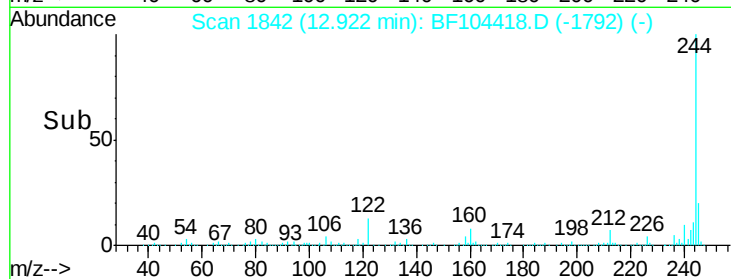
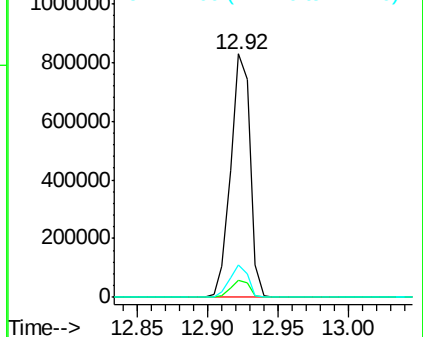
122 13.5 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF104418.D

Acq: 10 Apr 2018 19:26

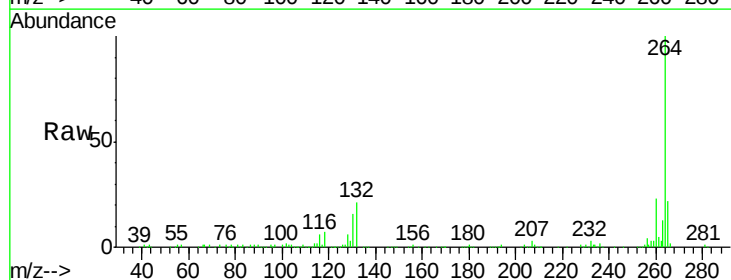
Tgt Ion:264 Resp: 188918

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.5 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

