

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104498.D
 Acq On : 14 Apr 2018 00:02
 Operator : JU/SJ
 Sample : PB108229BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108229BL

Quant Time: Apr 16 12:54:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	132878	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	515697	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	215874	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	322691	20.00	ng	0.00
75) Chrysene-d12	13.98	240	248928	20.00	ng	-0.01
86) Perylene-d12	15.45	264	183831	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	556903	64.08	ng	0.00
7) Phenol-d6	6.45	99	673327	63.06	ng	0.00
23) Nitrobenzene-d5	7.37	82	407951	51.66	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	117248	52.36	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	747561	54.71	ng	0.00
78) Terphenyl-d14	12.93	244	538768	49.34	ng	0.00

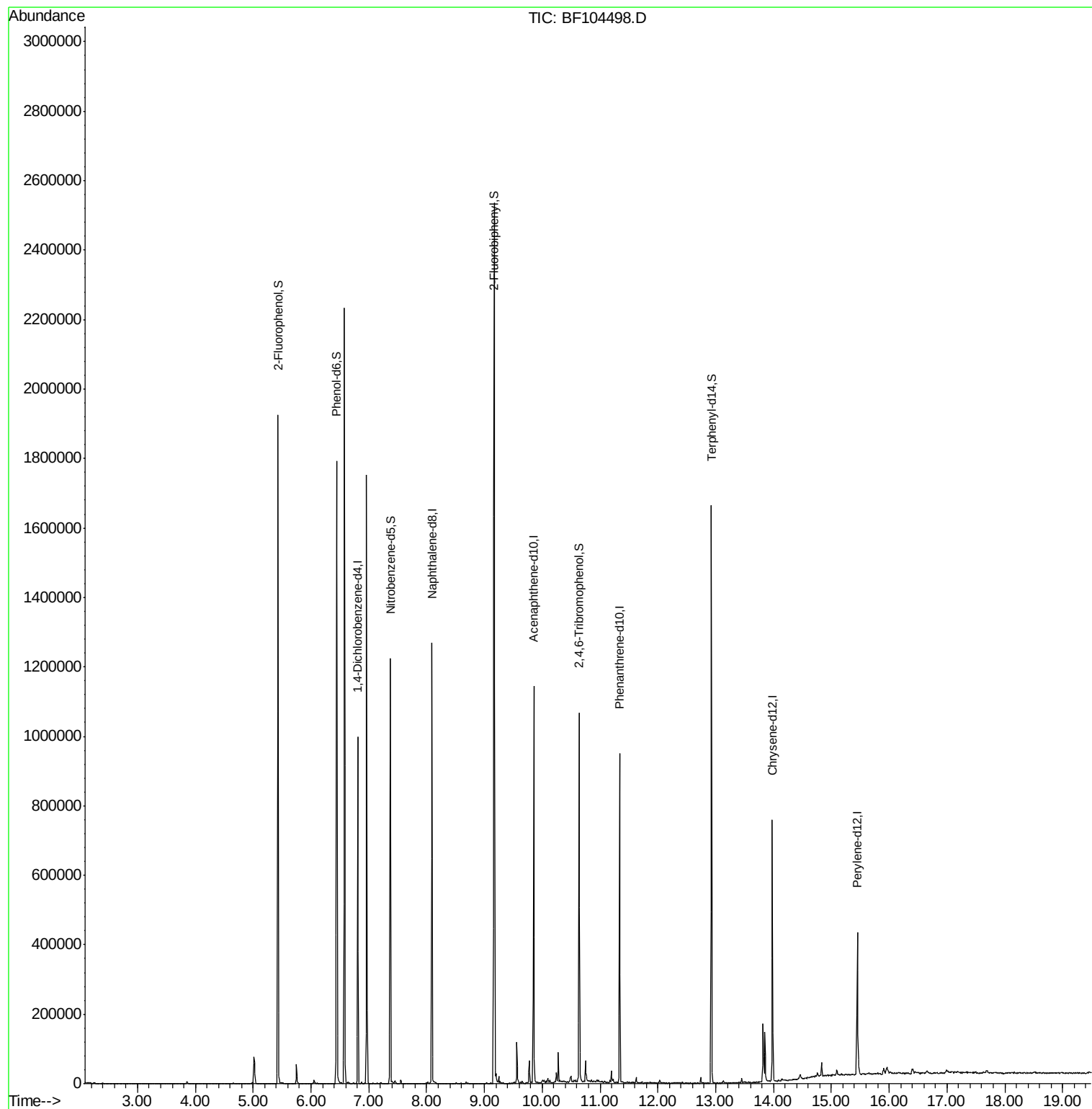
Target Compounds Qvalue

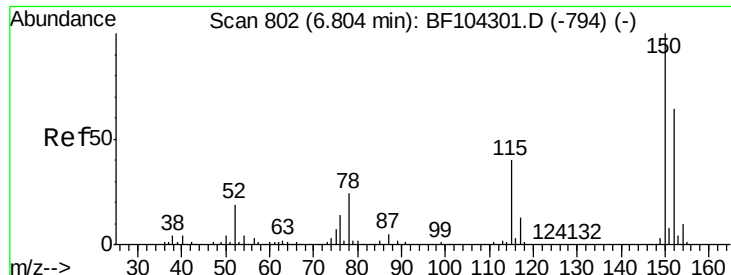
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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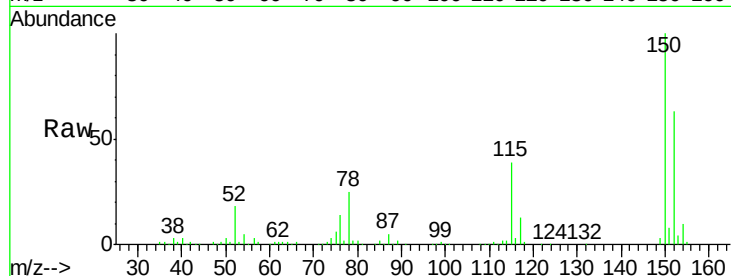


#1

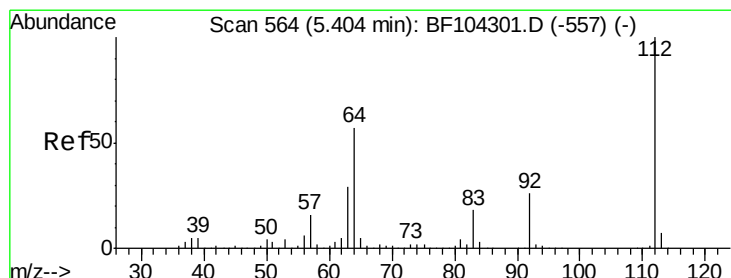
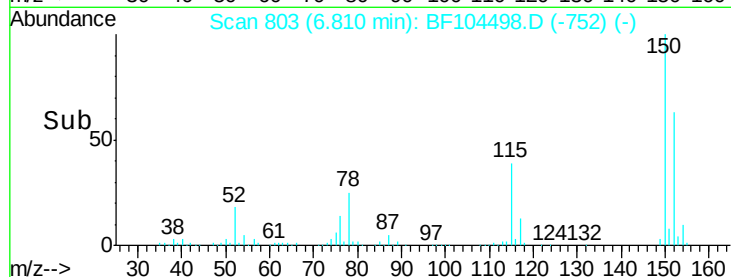
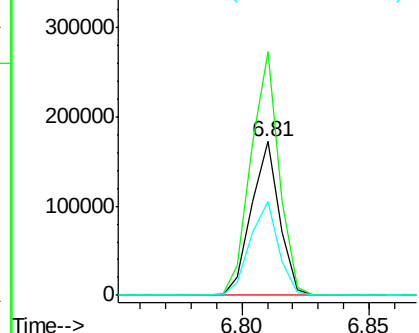
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Instrument :
BNA_F
ClientSampleId :
PB108229BL

Tot Ion:152 Resp: 132878
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 61.4 50.1 75.1



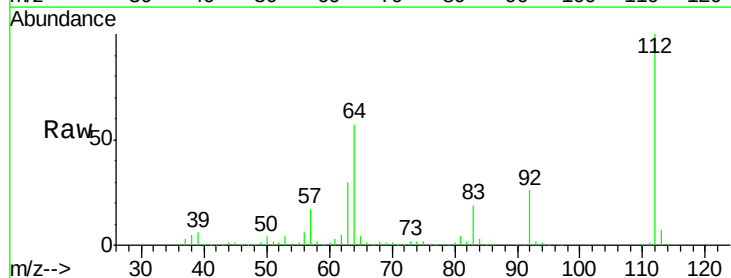
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



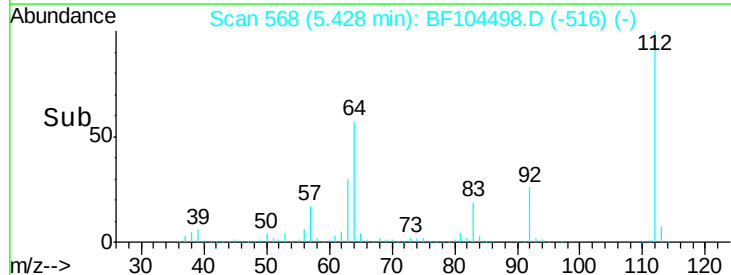
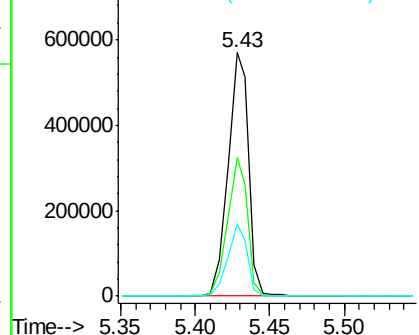
#5

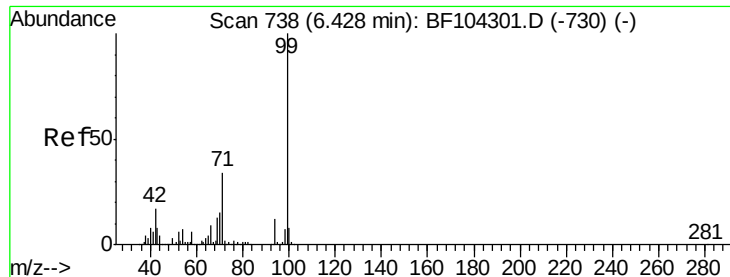
2-Fluorophenol
Concen: 64.084 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Tgt Ion:112 Resp: 556903
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 29.7 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: 63.061 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104498.D

Acq: 14 Apr 2018 00:02

Instrument :

BNA_F

ClientSampleId :

PB108229BL

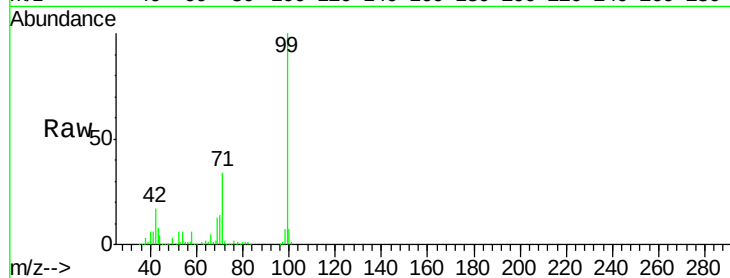
Tot Ion: 99 Resp: 673327

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

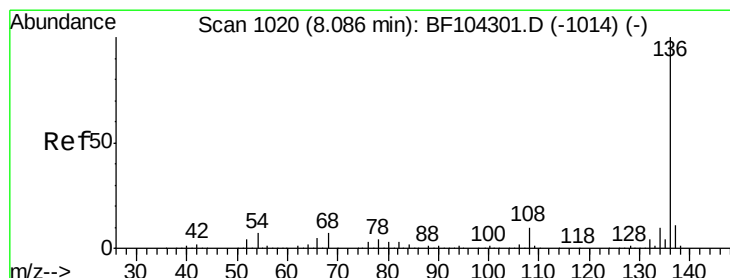
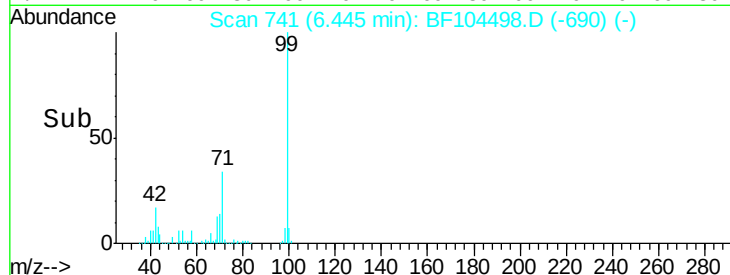
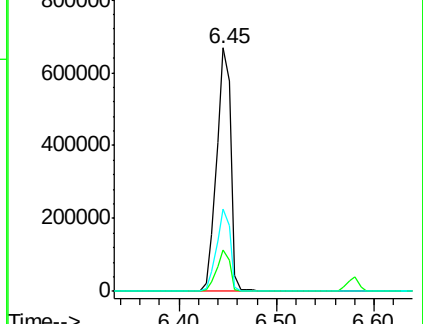
71 33.8 25.4 38.0



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF104498.D

Acq: 14 Apr 2018 00:02

Tgt Ion: 136 Resp: 515697

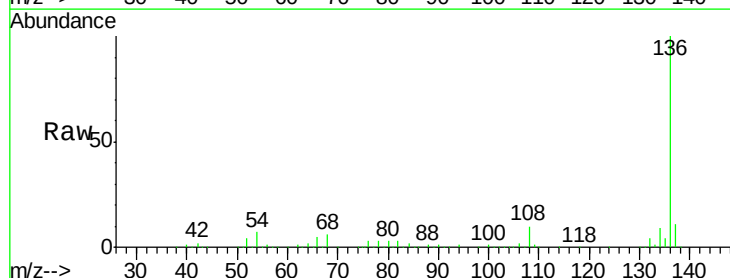
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.7 6.6 9.8

68 5.7 5.0 7.4

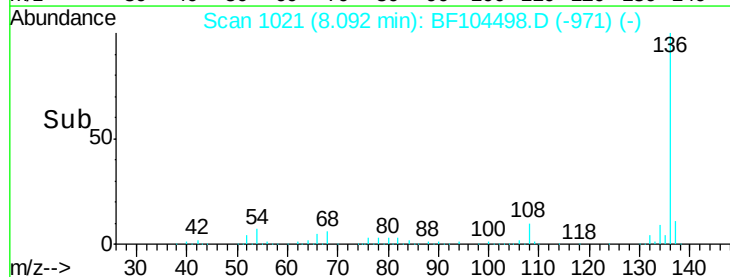
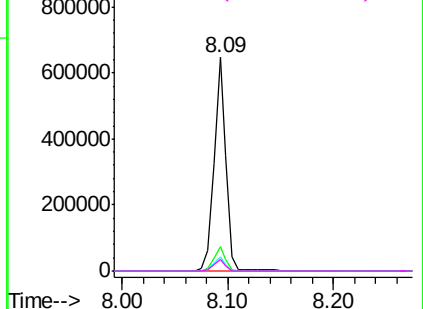


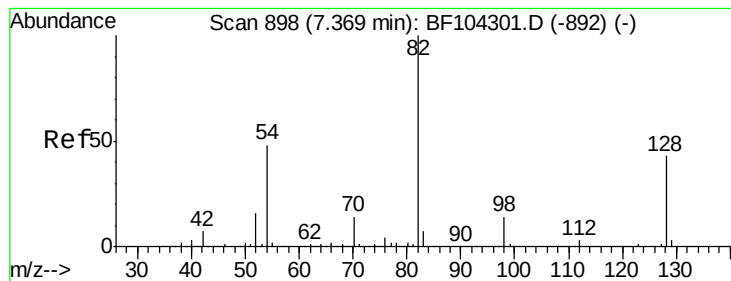
Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.655 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104498.D

Acq: 14 Apr 2018 00:02

Instrument :

BNA_F

ClientSampleId :

PB108229BL

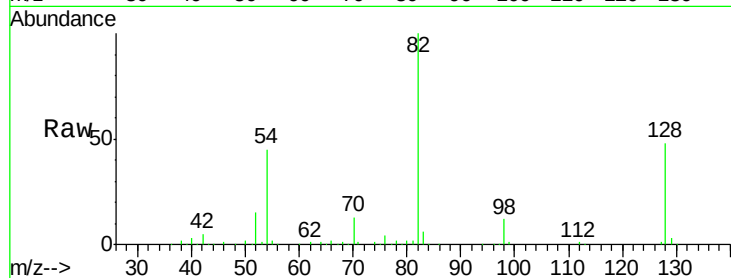
Tot Ion: 82 Resp: 407951

Ion Ratio Lower Upper

82 100

128 48.4 36.1 54.1

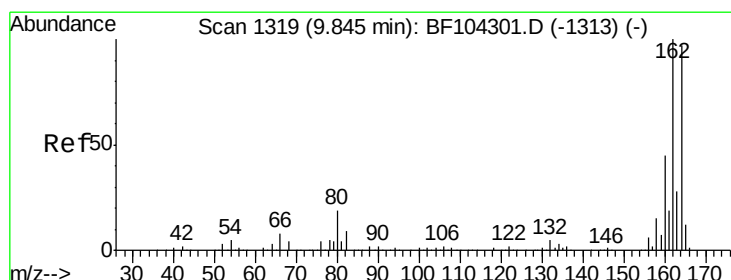
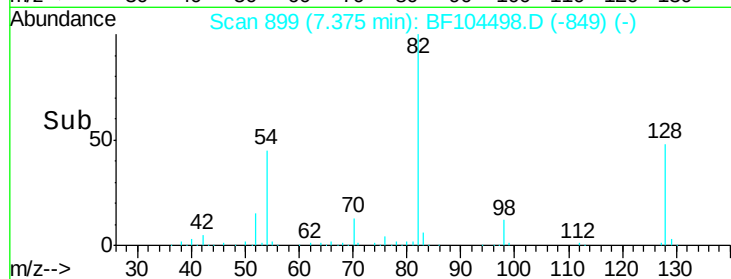
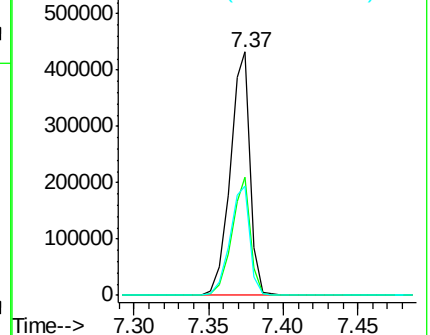
54 44.7 41.4 62.2



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# 1320

Delta R.T. -0.01 min

Lab File: BF104498.D

Acq: 14 Apr 2018 00:02

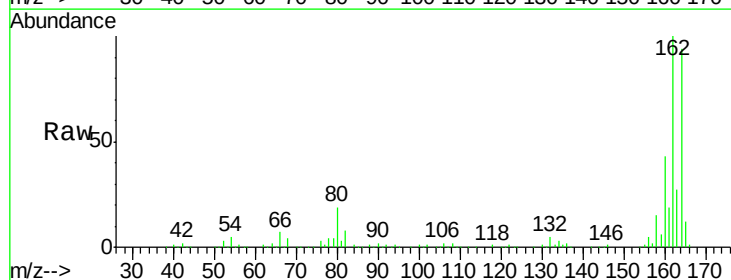
Tgt Ion: 164 Resp: 215874

Ion Ratio Lower Upper

164 100

162 106.4 86.1 129.1

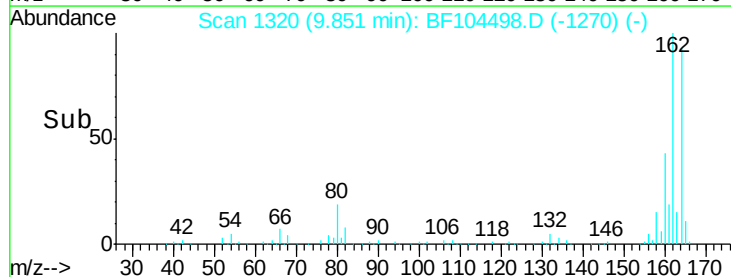
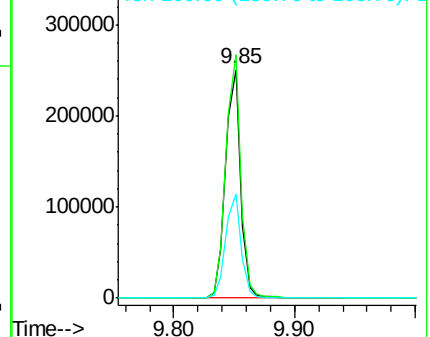
160 45.7 38.3 57.5

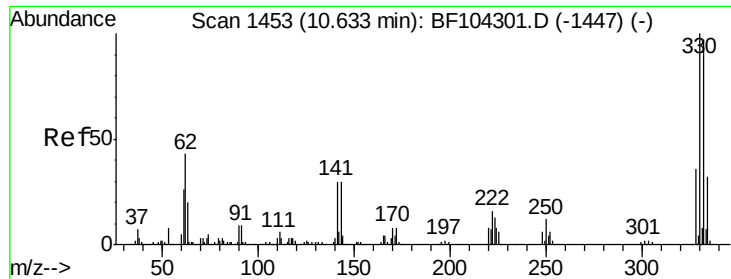


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 52.359 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF104498.D

Acq: 14 Apr 2018 00:02

Instrument :

BNA_F

ClientSampleId :

PB108229BL

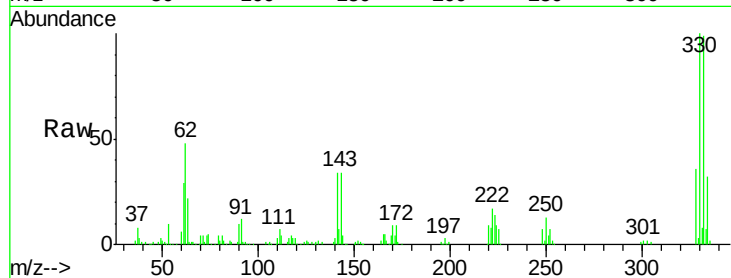
Tot Ion:330 Resp: 117248

Ion Ratio Lower Upper

330 100

332 98.1 77.0 115.6

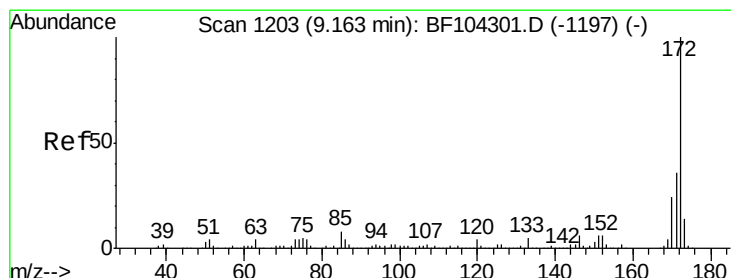
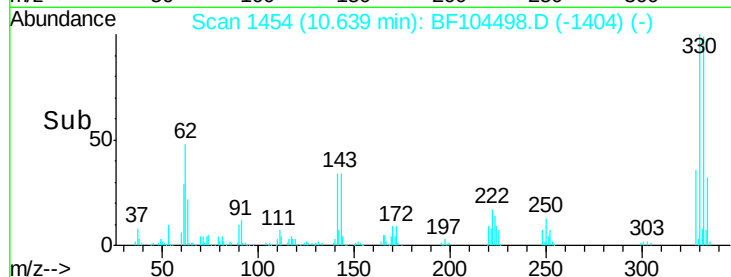
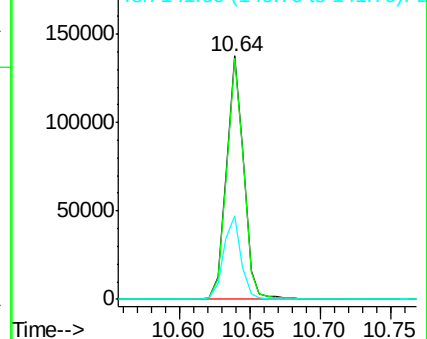
141 34.8 29.9 44.9



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: 54.706 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF104498.D

Acq: 14 Apr 2018 00:02

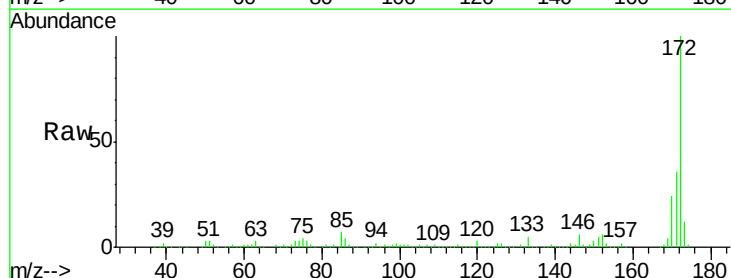
Tgt Ion:172 Resp: 747561

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

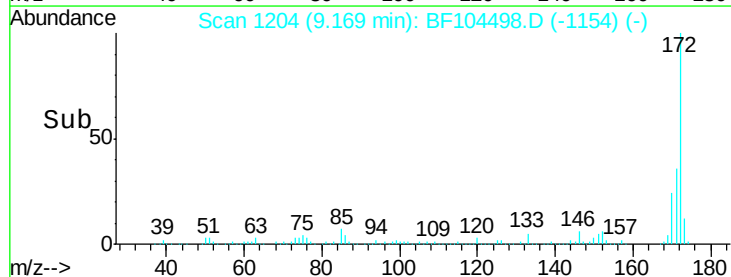
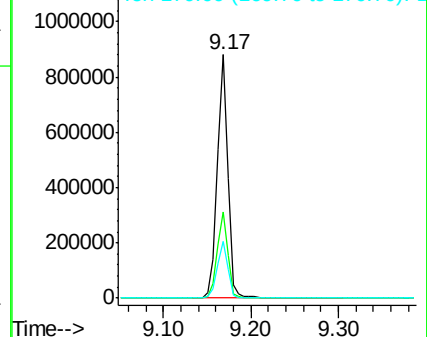
170 23.5 19.6 29.4

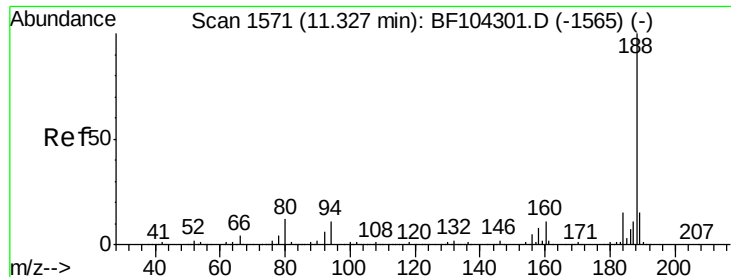


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

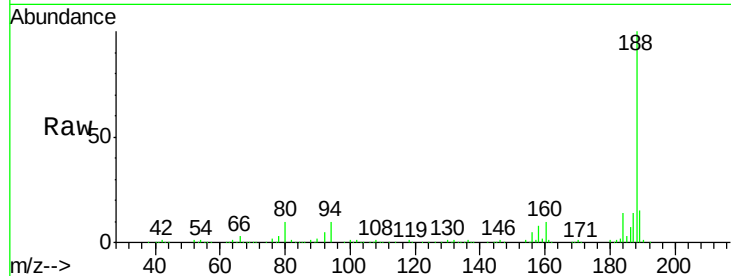




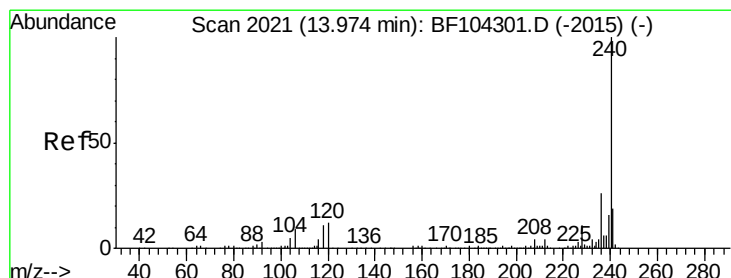
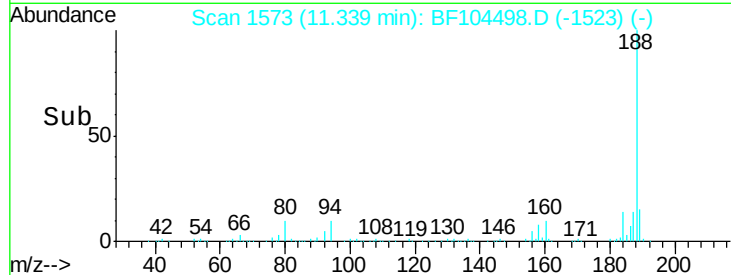
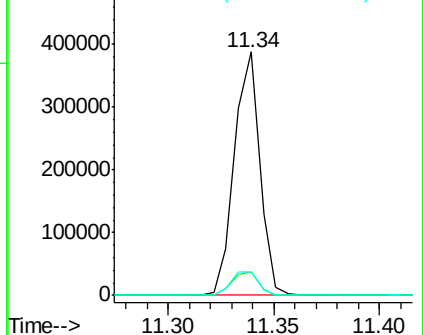
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Instrument :
BNA_F
ClientSampleId :
PB108229BL

Tot Ion:188 Resp: 322691
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 9.7 9.2 13.8

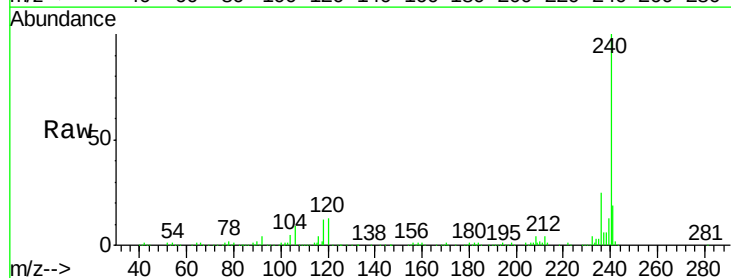


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

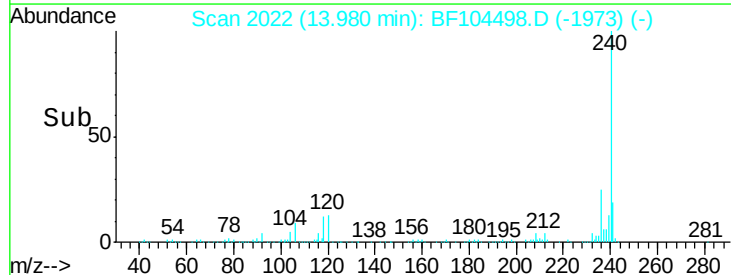
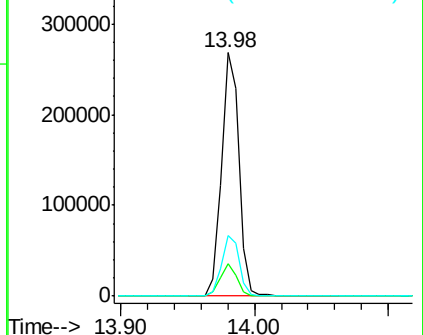


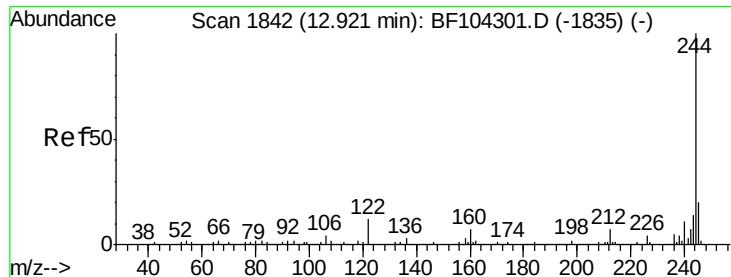
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Tgt Ion:240 Resp: 248928
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 24.9 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

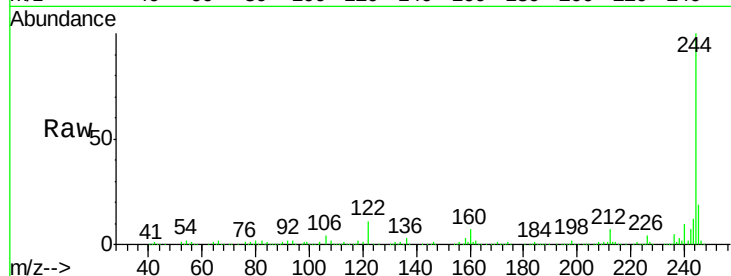




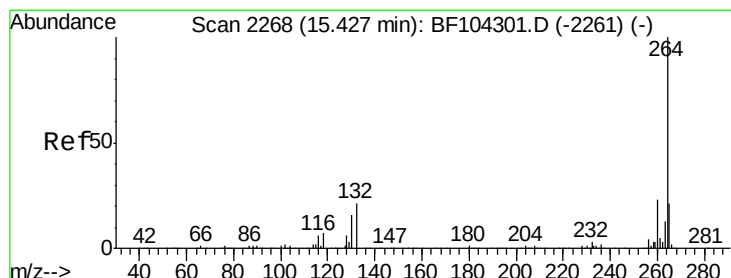
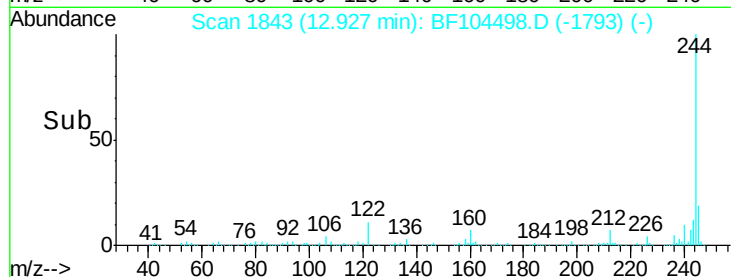
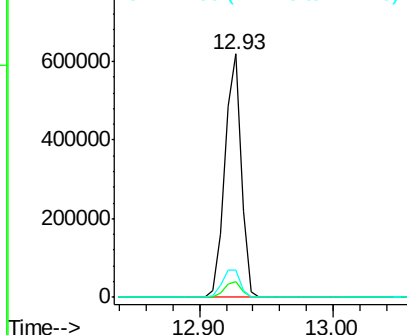
#78
 Terphenyl-d14
 Concen: 49.344 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF104498.D
 Acq: 14 Apr 2018 00:02

Instrument :
 BNA_F
 ClientSampleId :
 PB108229BL

Tot Ion:244 Resp: 538768
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.3 11.0 16.4

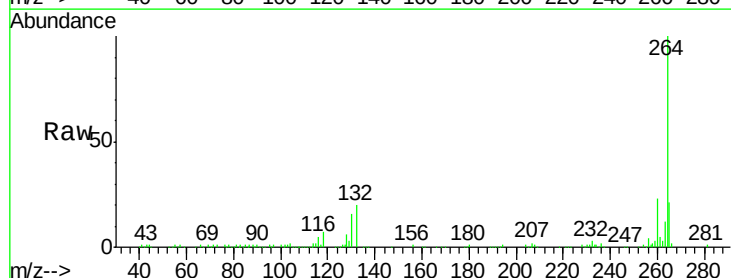


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF104498.D
 Acq: 14 Apr 2018 00:02

Tgt Ion:264 Resp: 183831
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 20.6 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

