

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104312.D
 Acq On : 6 Apr 2018 18:24
 Operator : JU/SJ
 Sample : PB108046BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108046BL

Quant Time: Apr 06 23:32:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	130574	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	532083	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	247995	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	443127	20.00	ng	0.00
75) Chrysene-d12	13.96	240	321356	20.00	ng	-0.01
86) Perylene-d12	15.42	264	286339	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1008105	118.05	ng	0.01
7) Phenol-d6	6.43	99	1250360	119.17	ng	0.00
23) Nitrobenzene-d5	7.36	82	751285	92.20	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	304217	118.26	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1346903	85.80	ng	0.00
78) Terphenyl-d14	12.92	244	1270055	90.10	ng	0.00

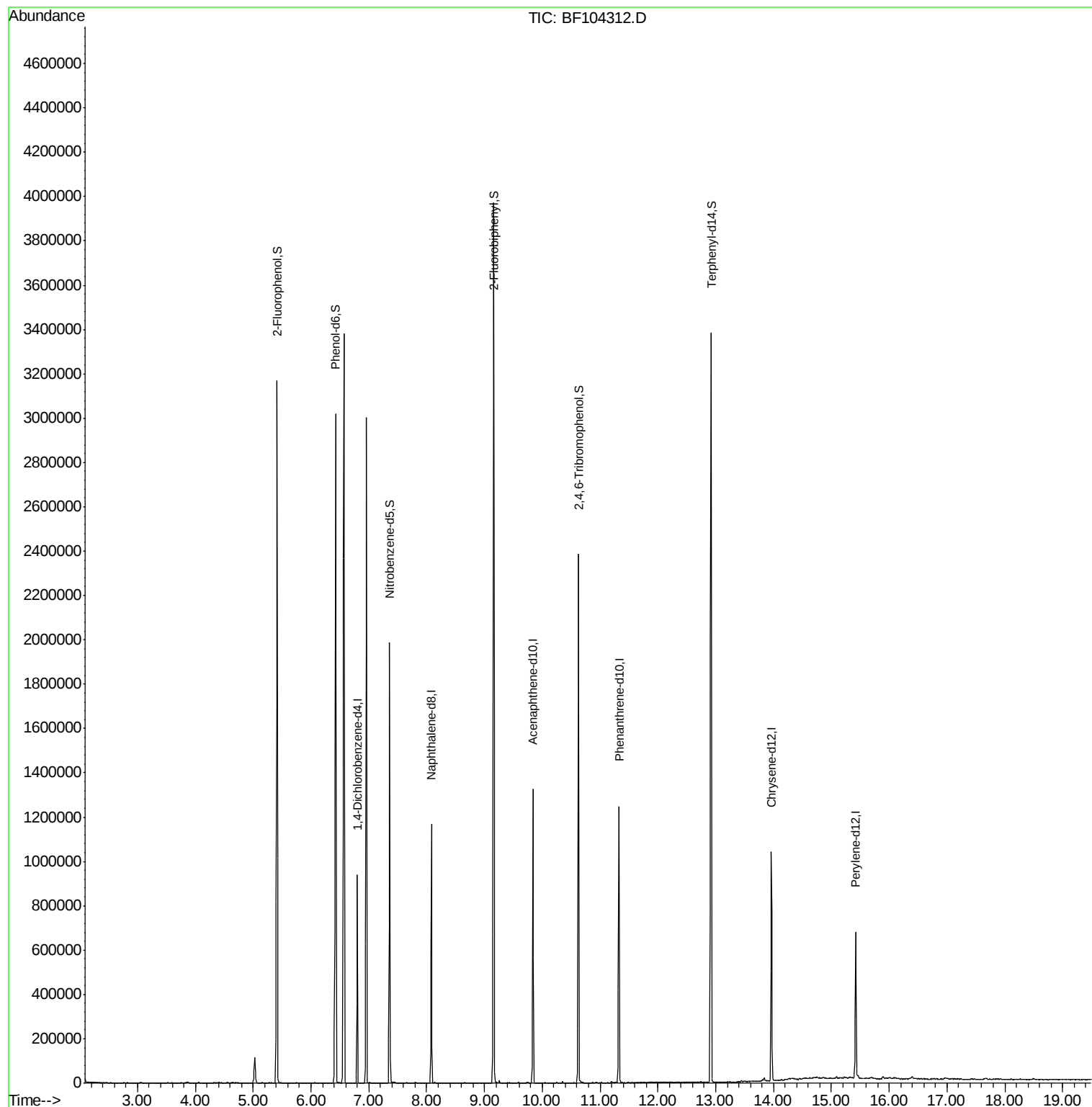
Target Compounds Qvalue

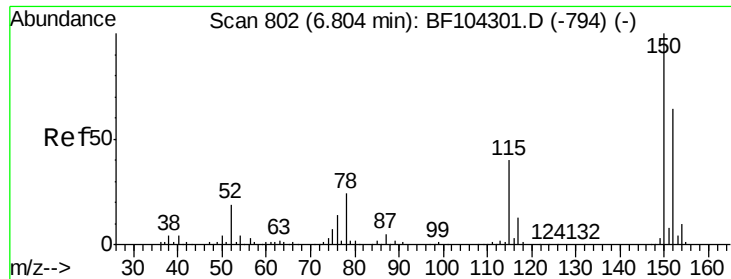
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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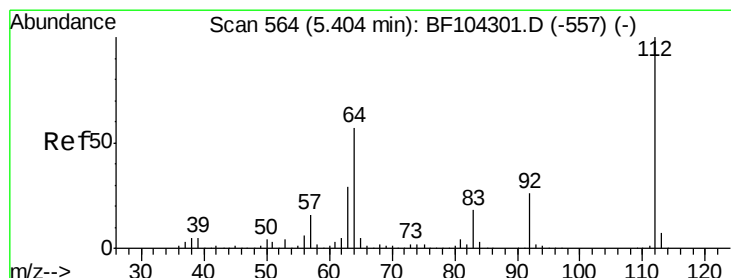
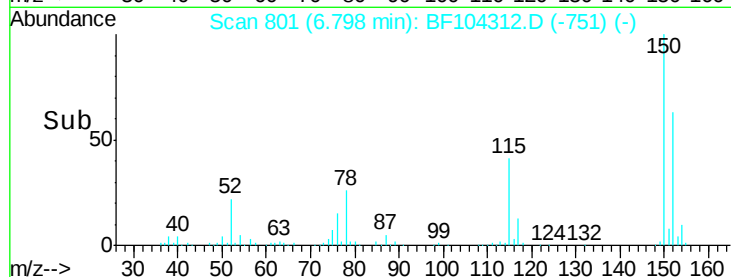
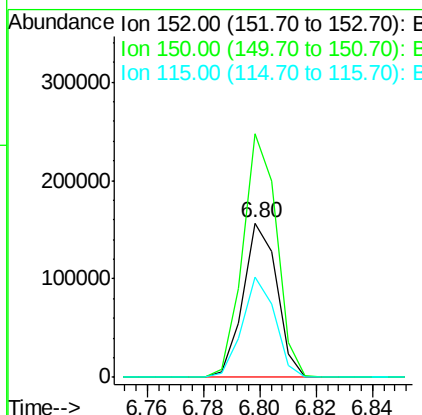
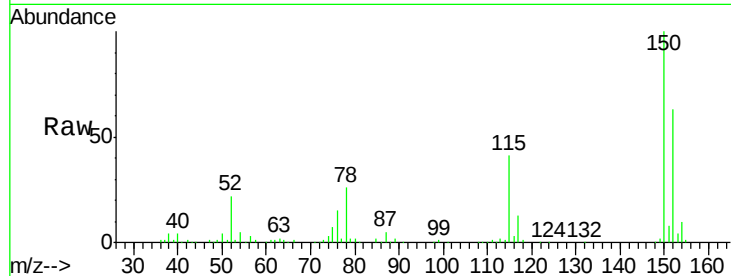


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF104312.D
Acq: 6 Apr 2018 18:24

Instrument :
BNA_F
ClientSampleId :
PB108046BL

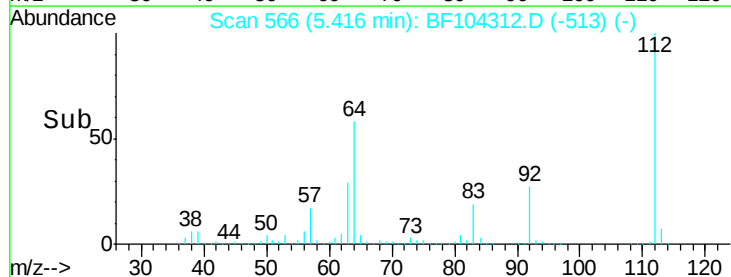
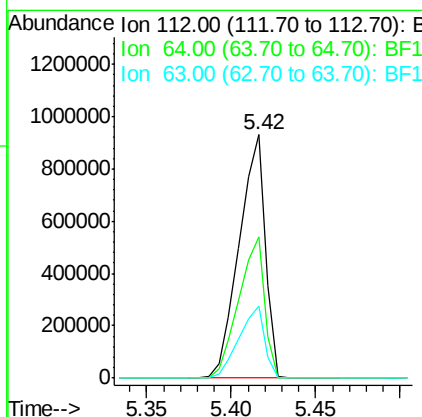
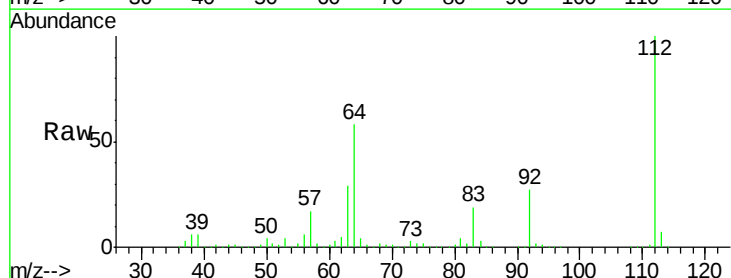
Tot Ion:152 Resp: 130574
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 64.9 50.1 75.1

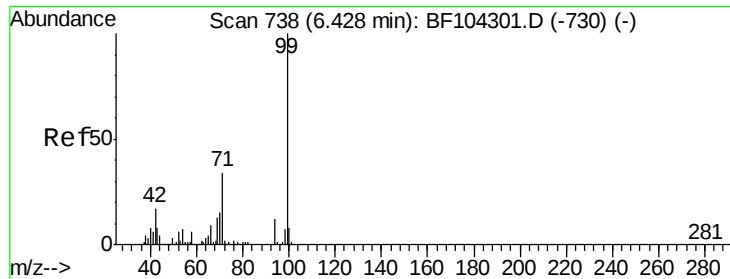


#5

2-Fluorophenol
Concen: 118.052 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104312.D
Acq: 6 Apr 2018 18:24

Tgt Ion:112 Resp: 1008105
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 29.4 23.7 35.5





#7

Phenol-d6

Concen: 119.169 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF104312.D

Acq: 6 Apr 2018 18:24

Instrument :

BNA_F

ClientSampled :

PB108046BL

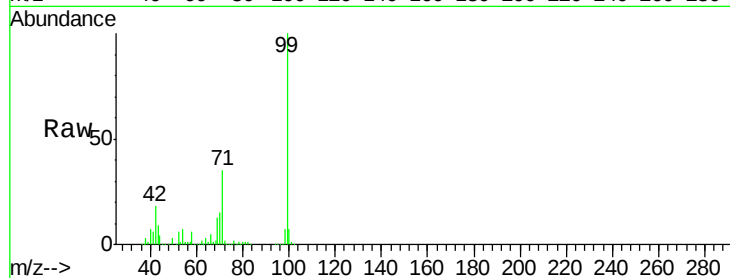
Tot Ion: 99 Resp: 1250360

Ion Ratio Lower Upper

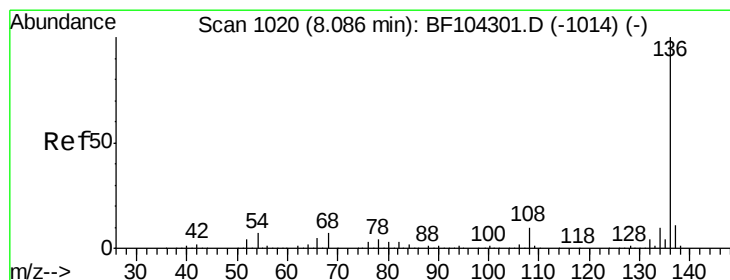
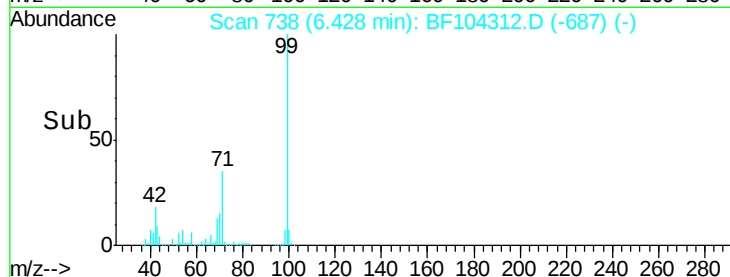
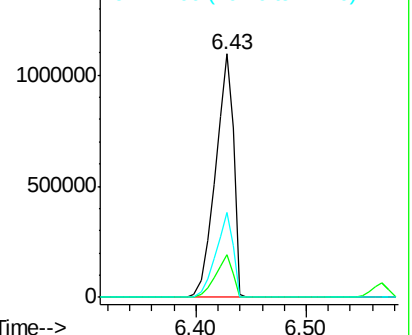
99 100

42 17.5 14.5 21.7

71 34.9 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: BF104312.D

Acq: 6 Apr 2018 18:24

Tgt Ion: 136 Resp: 532083

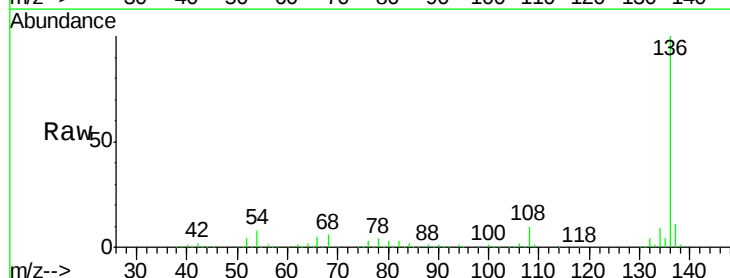
Ion Ratio Lower Upper

136 100

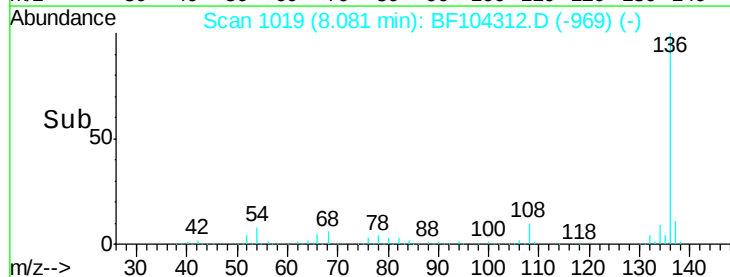
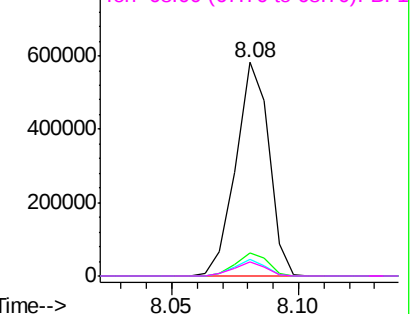
137 11.0 8.9 13.3

54 8.1 6.6 9.8

68 6.4 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

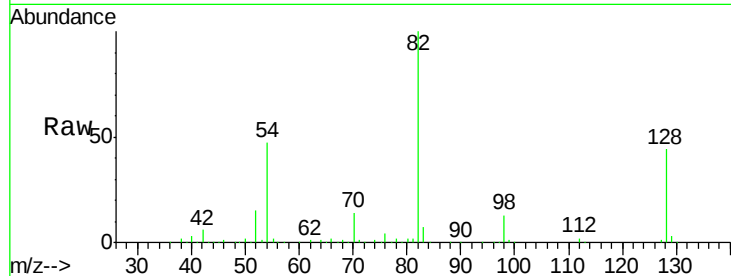




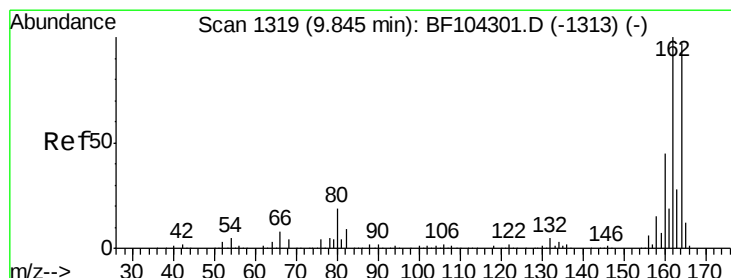
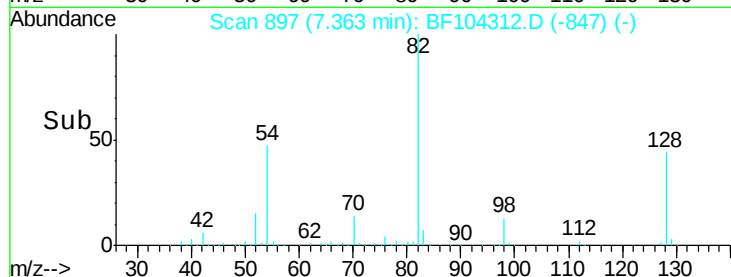
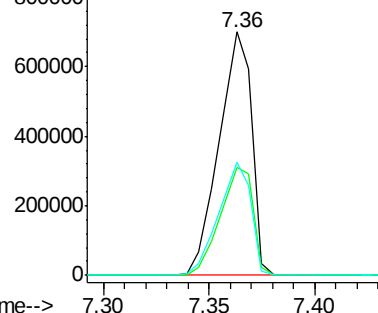
#23
 Nitrobenzene-d5
 Concen: 92.199 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104312.D
 Acq: 6 Apr 2018 18:24

Instrument :
 BNA_F
 ClientSampleID :
 PB108046BL

Tot Ion: 82 Resp: 751285
 Ion Ratio Lower Upper
 82 100
 128 44.1 36.1 54.1
 54 46.6 41.4 62.2

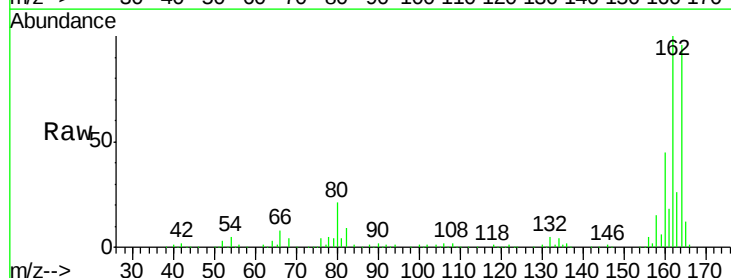


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

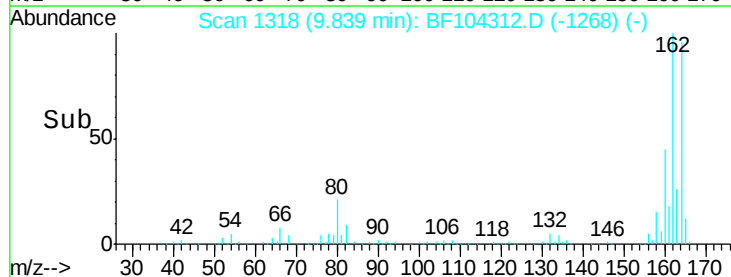
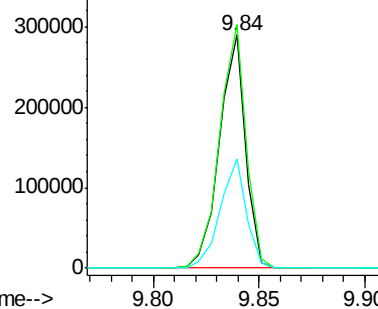


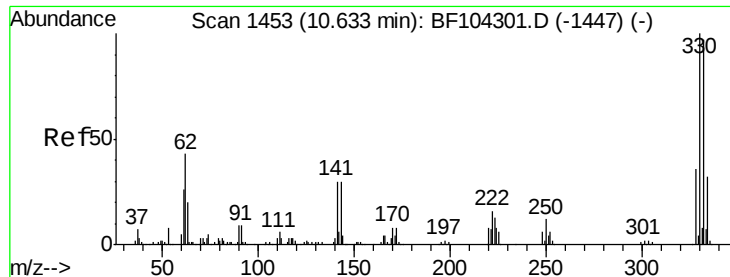
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104312.D
 Acq: 6 Apr 2018 18:24

Tgt Ion: 164 Resp: 247995
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 47.0 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

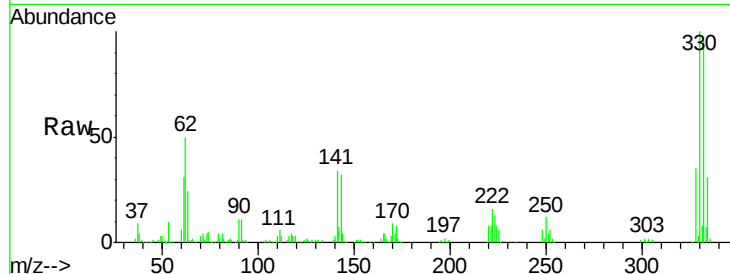




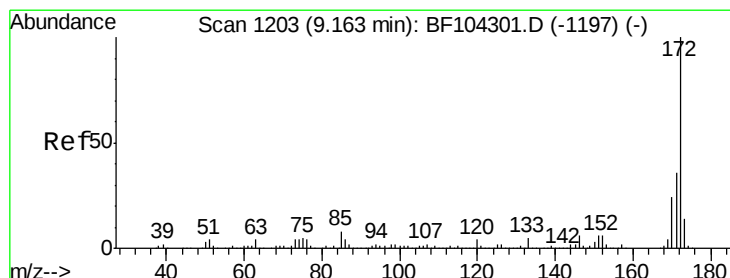
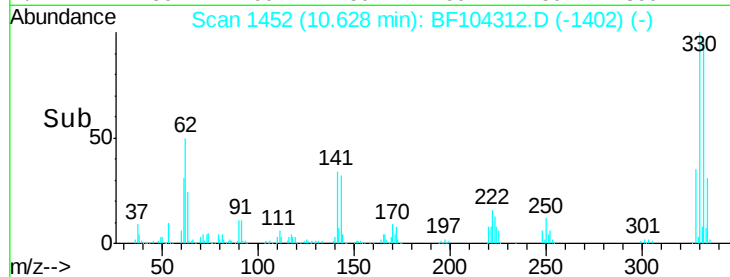
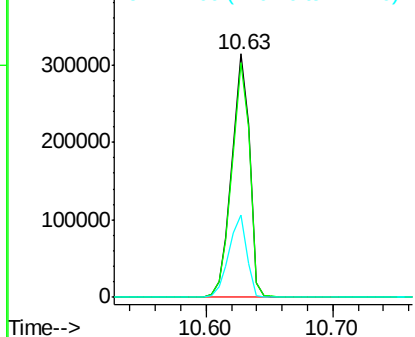
#41
 2,4,6-Tribromophenol
 Concen: 118.256 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104312.D
 Acq: 6 Apr 2018 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB108046BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	34.0	29.9	44.9

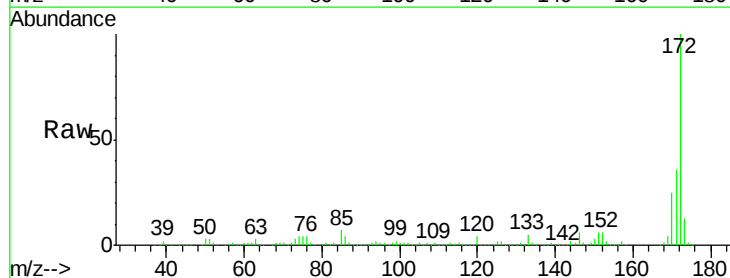


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

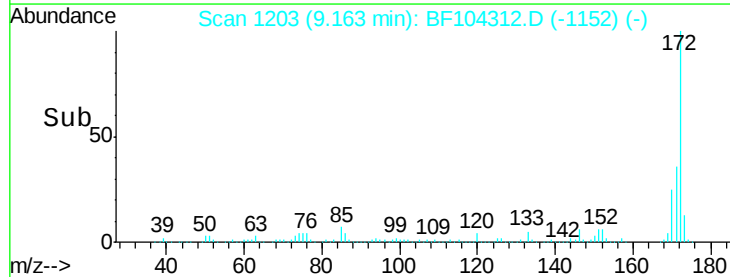
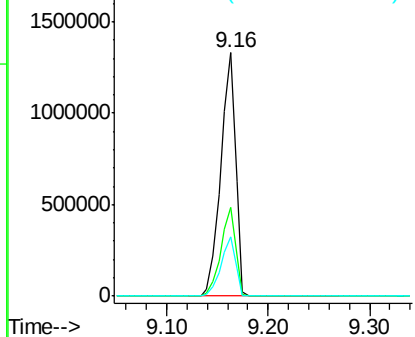


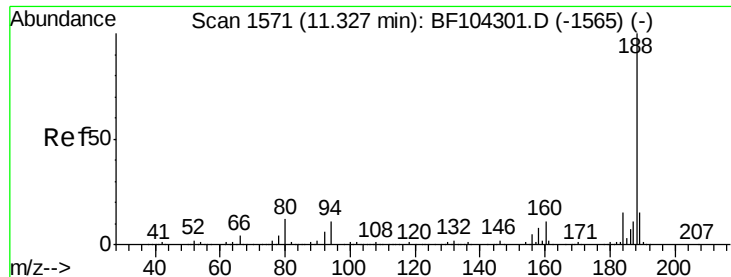
#44
 2-Fluorobiphenyl
 Concen: 85.799 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104312.D
 Acq: 6 Apr 2018 18:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.5	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

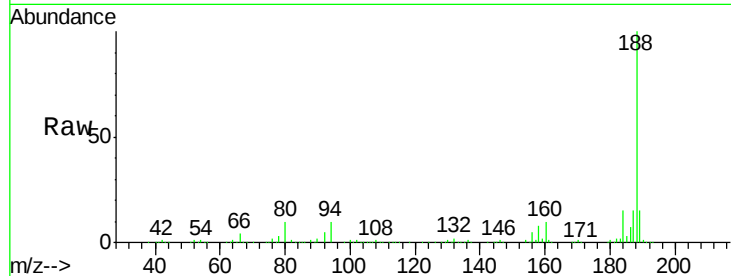




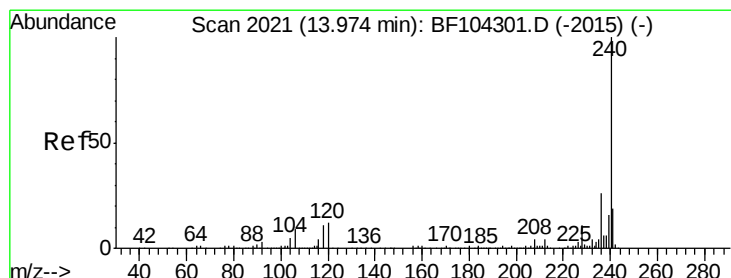
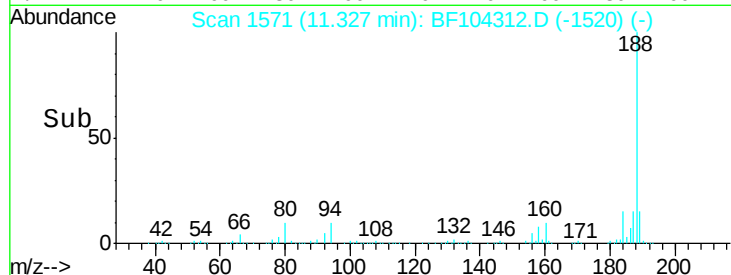
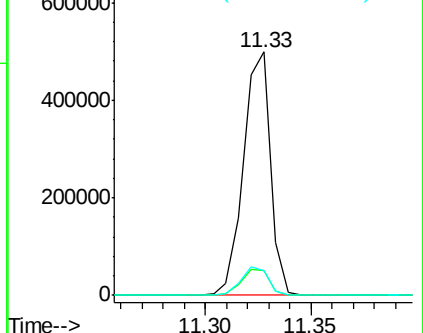
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104312.D
Acq: 6 Apr 2018 18:24

Instrument :
BNA_F
ClientSampleId :
PB108046BL

Tot Ion:188 Resp: 443127
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.2 9.2 13.8

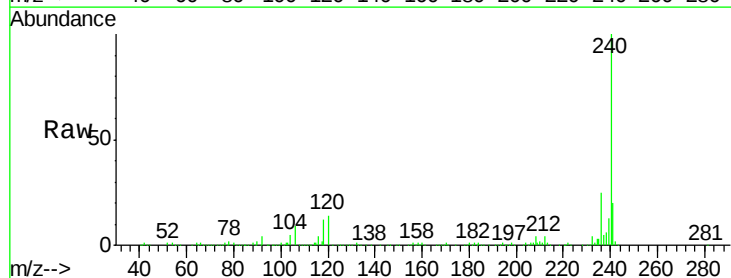


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

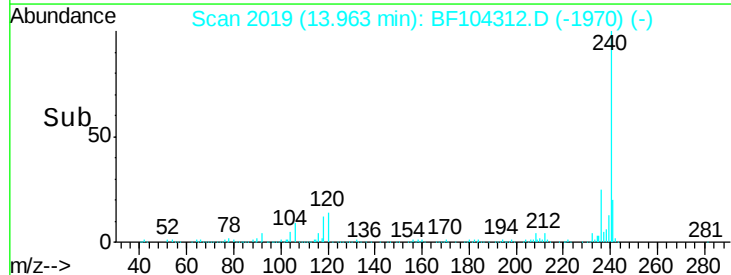
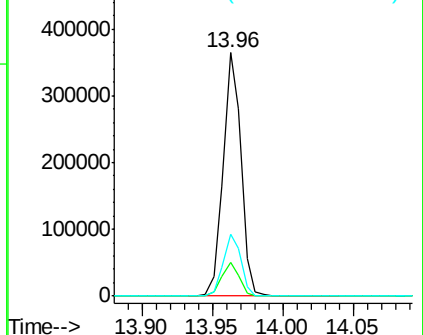


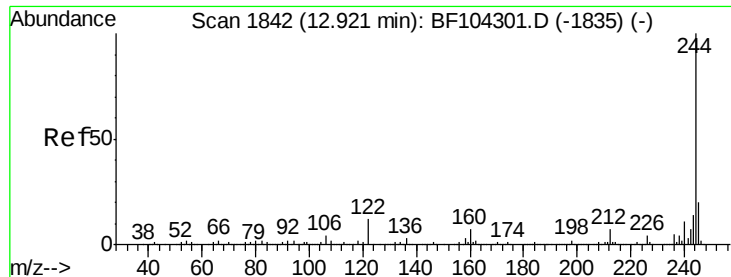
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104312.D
Acq: 6 Apr 2018 18:24

Tgt Ion:240 Resp: 321356
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 25.2 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: 90.103 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104312.D

Acq: 6 Apr 2018 18:24

Instrument :

BNA_F

ClientSampleId :

PB108046BL

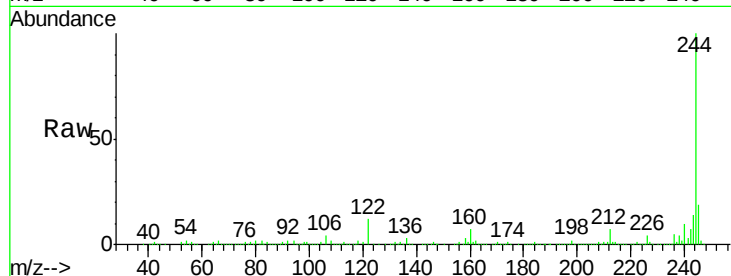
Tot Ion:244 Resp: 1270055

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

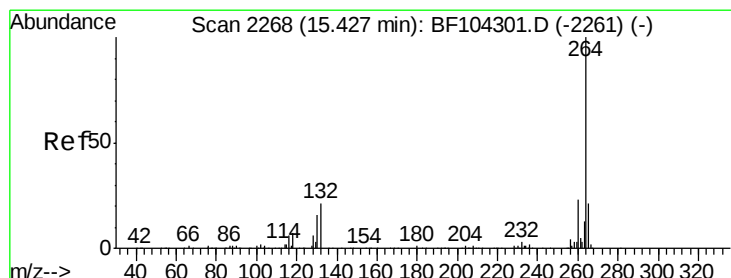
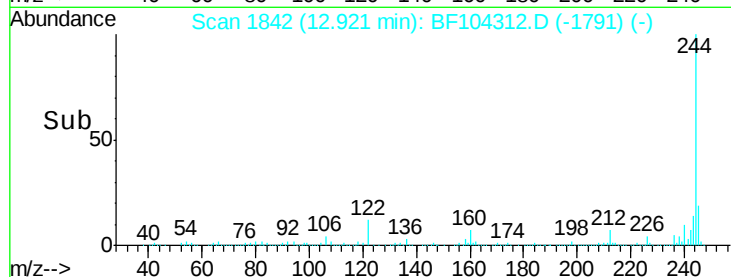
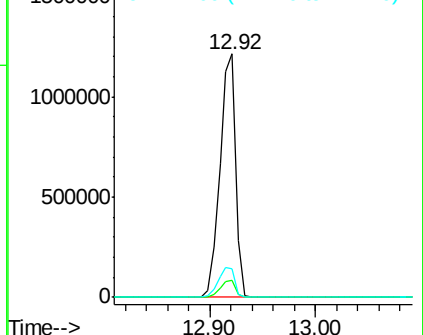
122 11.6 11.0 16.4



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: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF104312.D

Acq: 6 Apr 2018 18:24

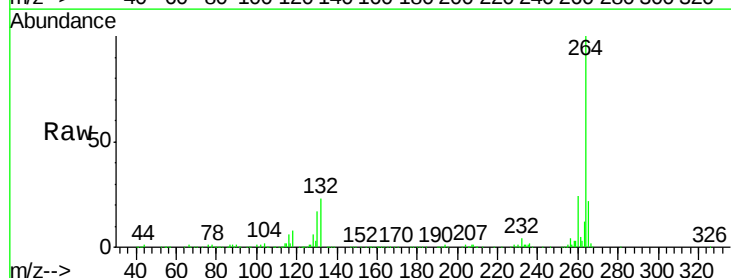
Tgt Ion:264 Resp: 286339

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.8 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

