

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104679.D
 Acq On : 20 Apr 2018 17:27
 Operator : JU/SJ
 Sample : J2461-01 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-01

Quant Time: Apr 21 04:33:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 20 14:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115489	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	415991	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	176785	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	294712	20.00	ng	0.00
75) Chrysene-d12	13.98	240	221310	20.00	ng	0.00
86) Perylene-d12	15.44	264	159989	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	65221	8.64	ng	0.00
7) Phenol-d6	6.44	99	80299	8.65	ng	0.00
23) Nitrobenzene-d5	7.36	82	41131	6.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	14633	7.98	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	90572	8.09	ng	0.00
78) Terphenyl-d14	12.92	244	81597	8.41	ng	0.00

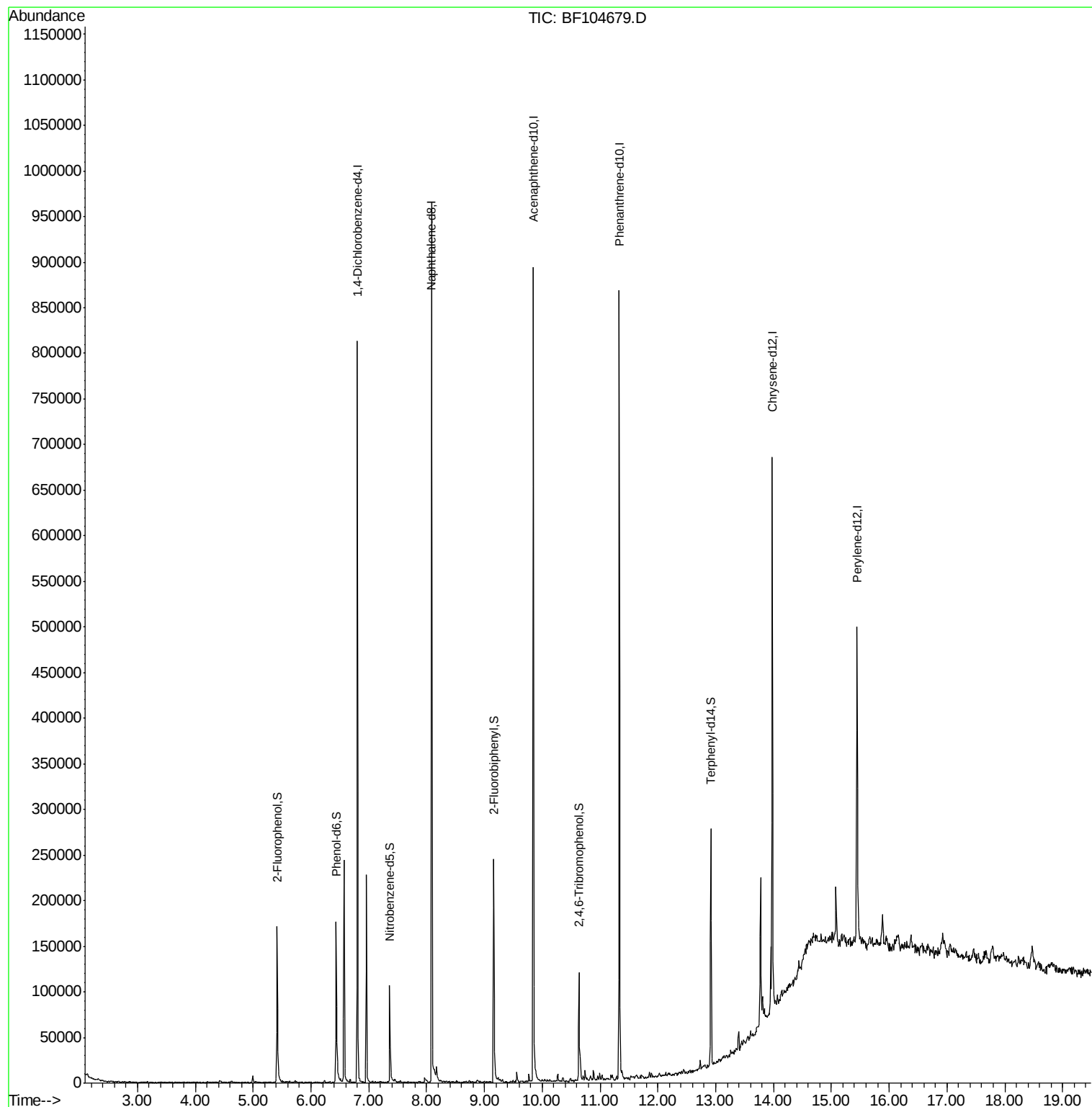
Target Compounds Qvalue

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

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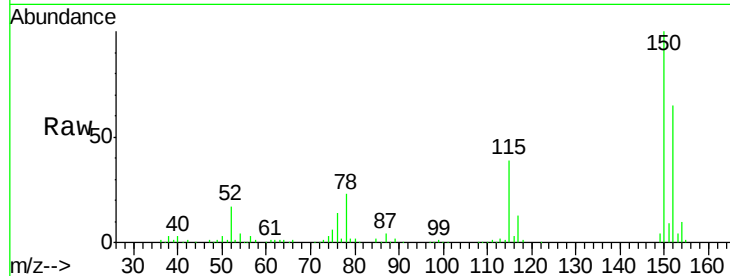


#1

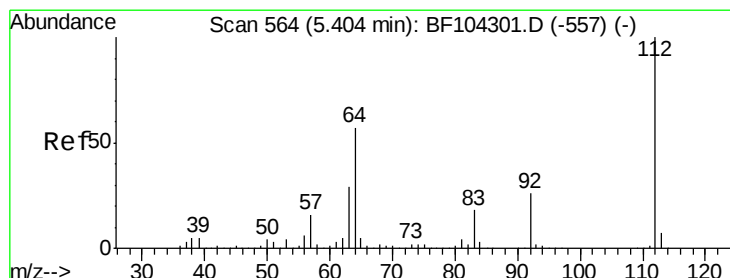
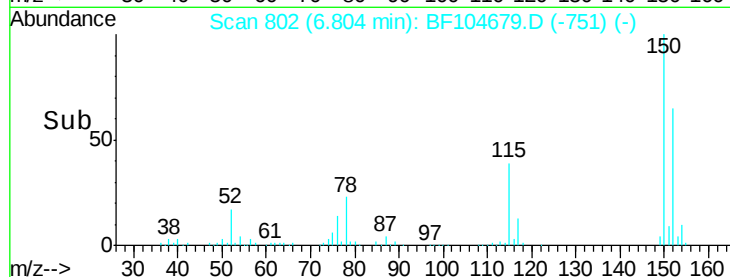
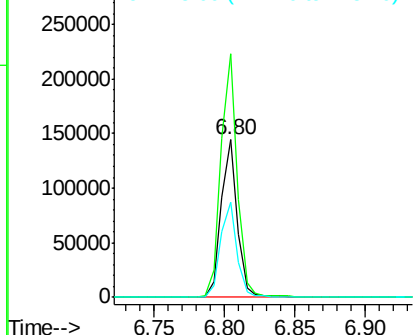
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104679.D
Acq: 20 Apr 2018 17:27

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01

Tot Ion:152 Resp: 115489
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 60.6 50.1 75.1



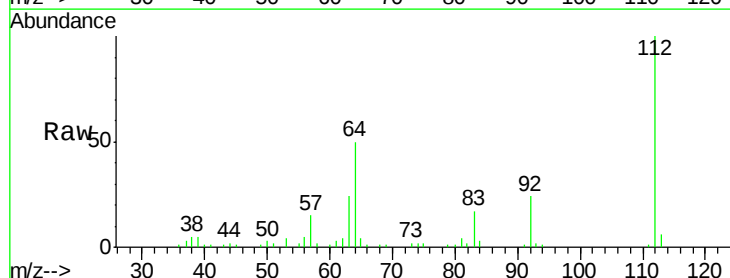
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



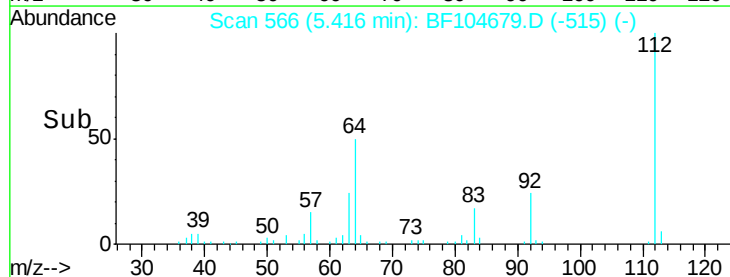
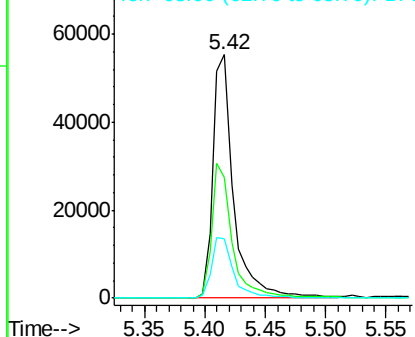
#5

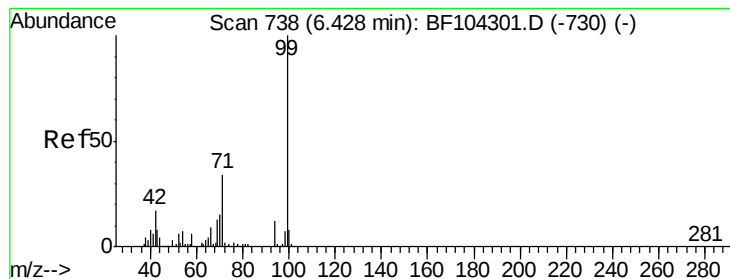
2-Fluorophenol
Concen: 8.635 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104679.D
Acq: 20 Apr 2018 17:27

Tgt Ion:112 Resp: 65221
Ion Ratio Lower Upper
112 100
64 49.5 47.9 71.9
63 24.4 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: 8.653 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104679.D

Acq: 20 Apr 2018 17:27

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01

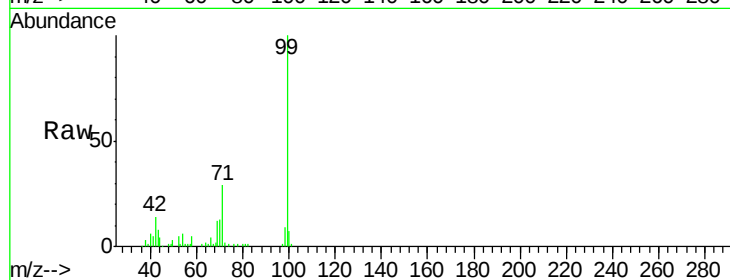
Tot Ion: 99 Resp: 80299

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7#

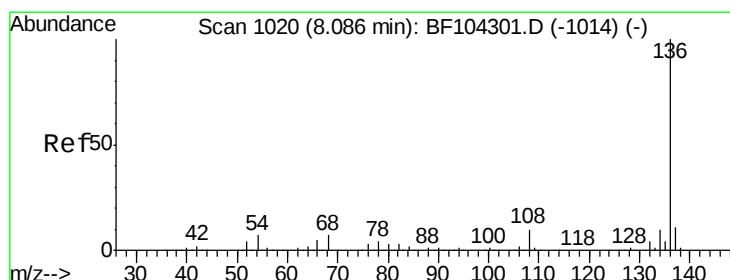
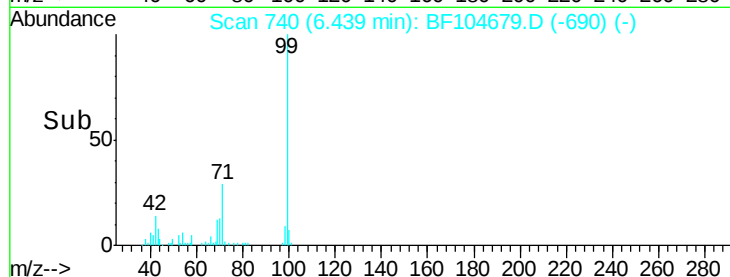
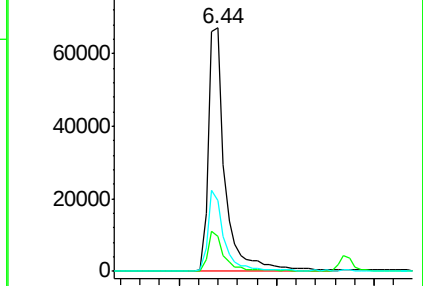
71 28.9 25.4 38.0



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: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104679.D

Acq: 20 Apr 2018 17:27

Tgt Ion: 136 Resp: 415991

Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.0 6.6 9.8

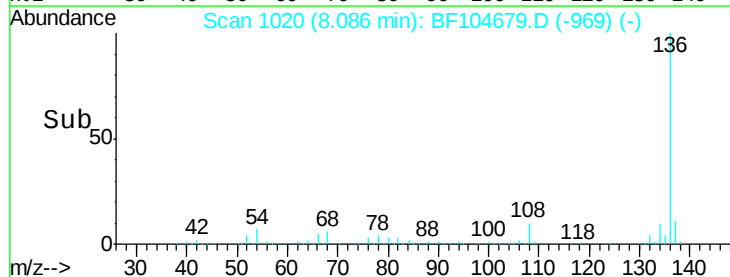
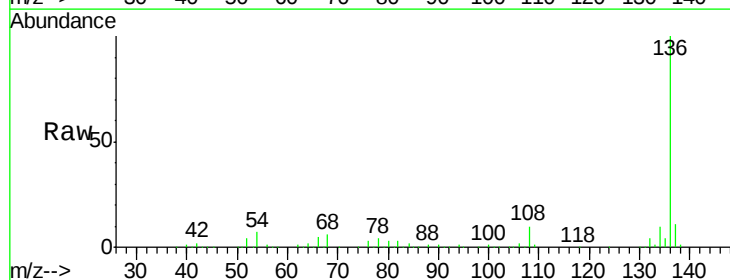
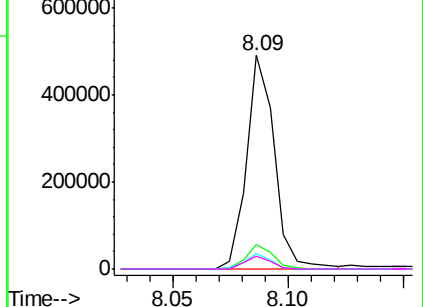
68 6.3 5.0 7.4

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: 6.456 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF104679.D

Acq: 20 Apr 2018 17:27

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01

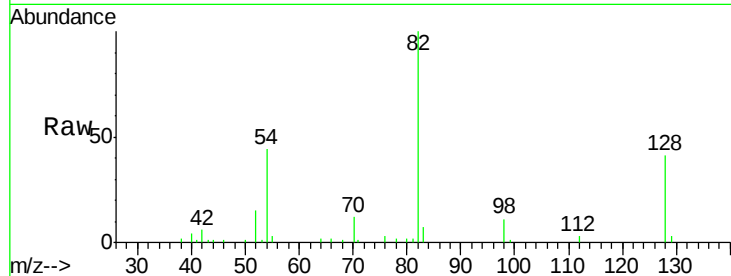
Tot Ion: 82 Resp: 41131

Ion Ratio Lower Upper

82 100

128 41.0 36.1 54.1

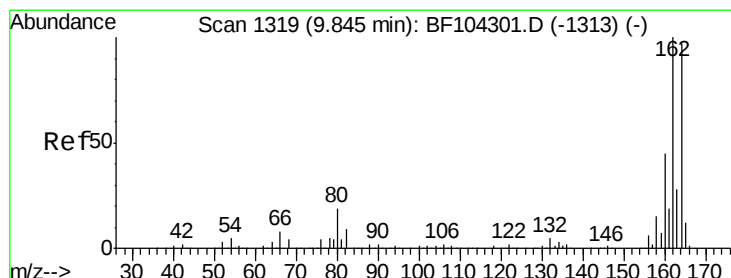
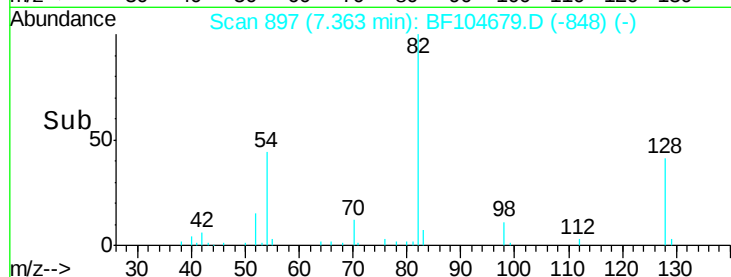
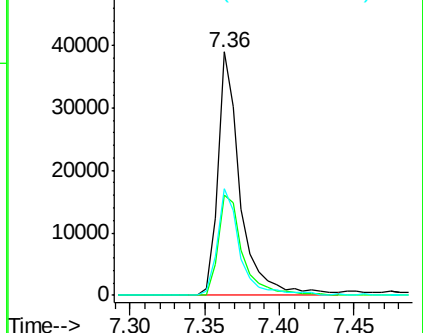
54 43.7 41.4 62.2



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. -0.00 min

Lab File: BF104679.D

Acq: 20 Apr 2018 17:27

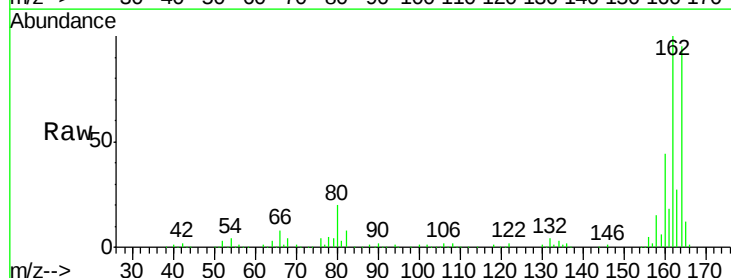
Tgt Ion: 164 Resp: 176785

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

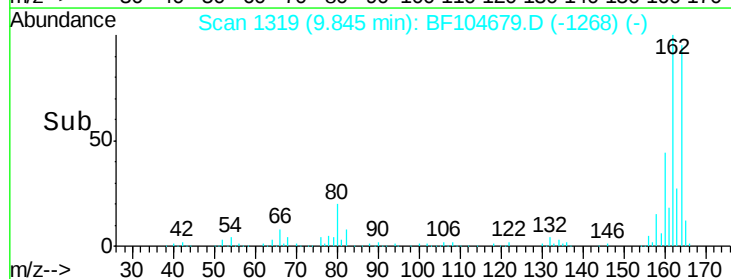
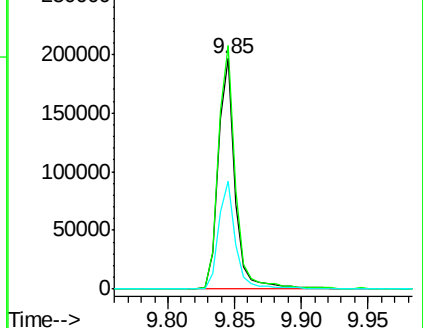
160 46.9 38.3 57.5



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: 7.979 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104679.D

Acq: 20 Apr 2018 17:27

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01

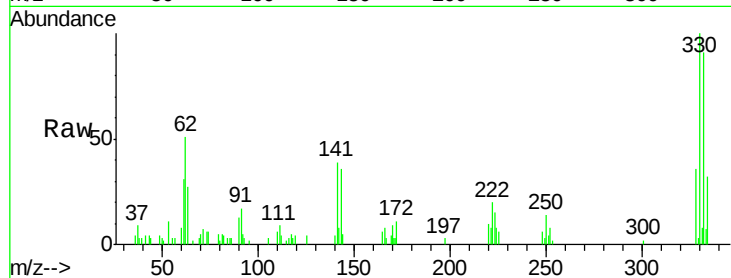
Tot Ion:330 Resp: 14633

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

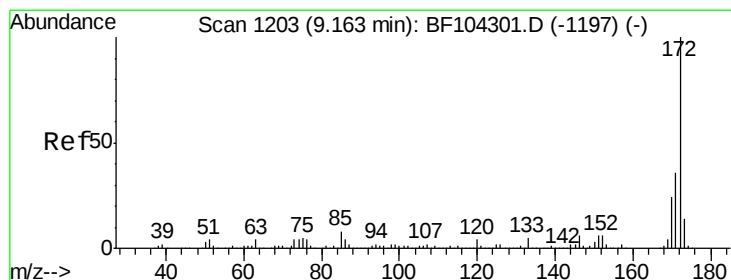
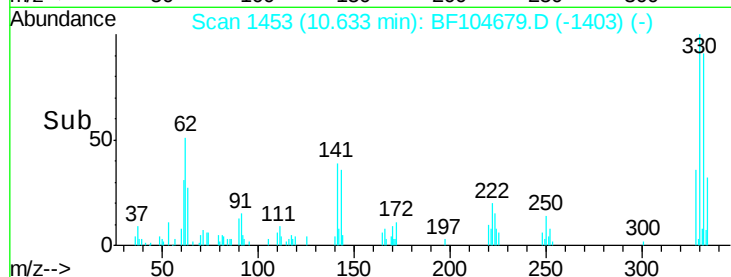
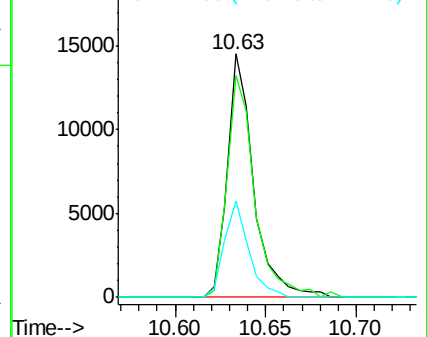
141 36.6 29.9 44.9



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: 8.094 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF104679.D

Acq: 20 Apr 2018 17:27

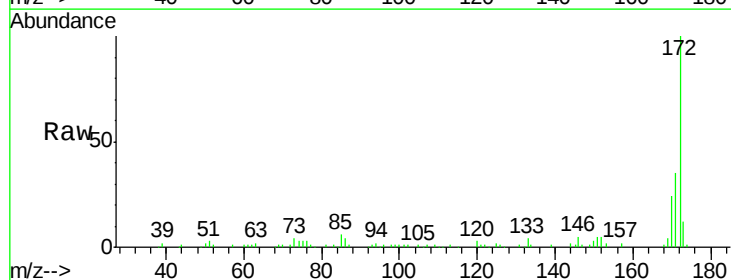
Tgt Ion:172 Resp: 90572

Ion Ratio Lower Upper

172 100

171 34.9 29.7 44.5

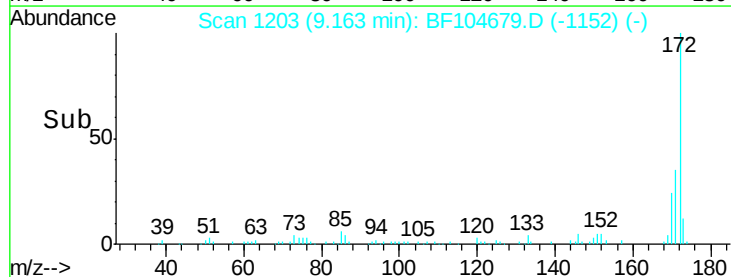
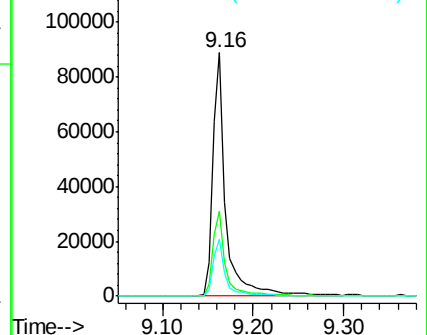
170 23.6 19.6 29.4



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

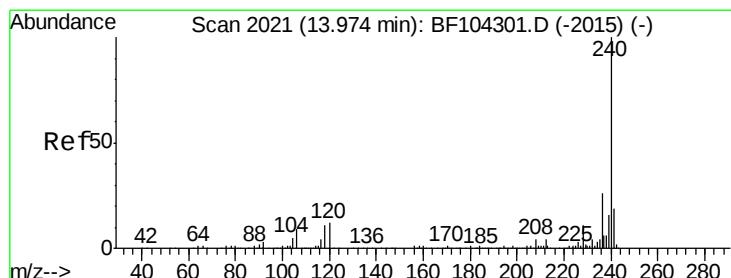
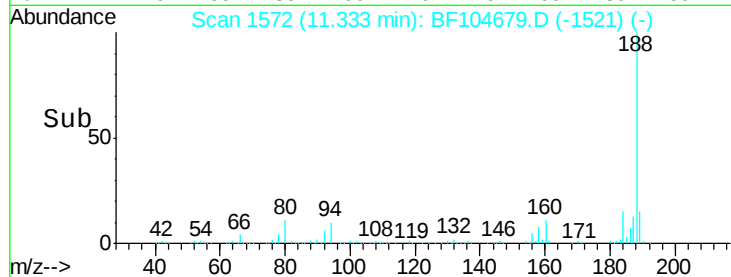
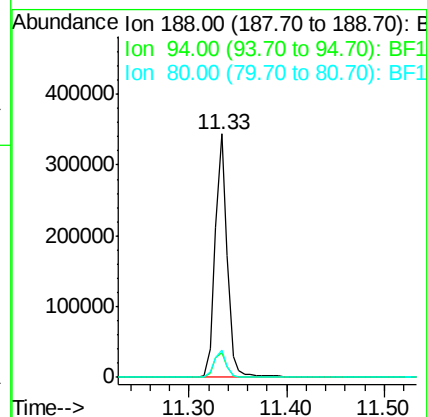
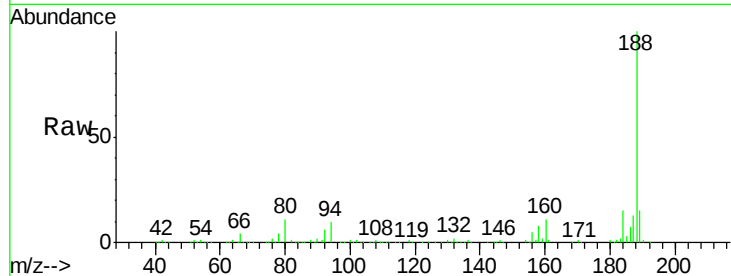




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104679.D
Acq: 20 Apr 2018 17:27

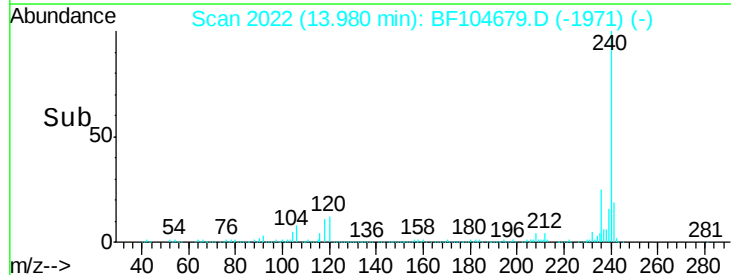
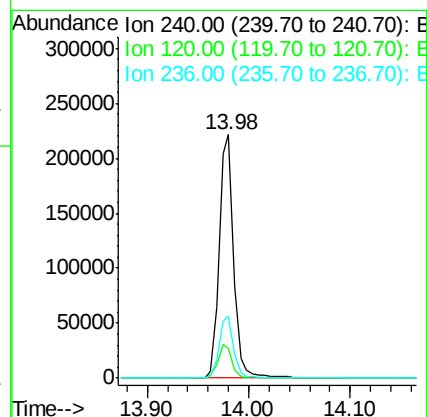
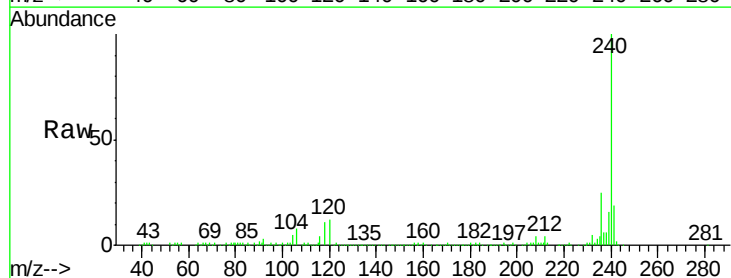
Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01

Tot Ion:188 Resp: 294712
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF104679.D
Acq: 20 Apr 2018 17:27

Tgt Ion:240 Resp: 221310
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 8.406 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104679.D

Acq: 20 Apr 2018 17:27

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01

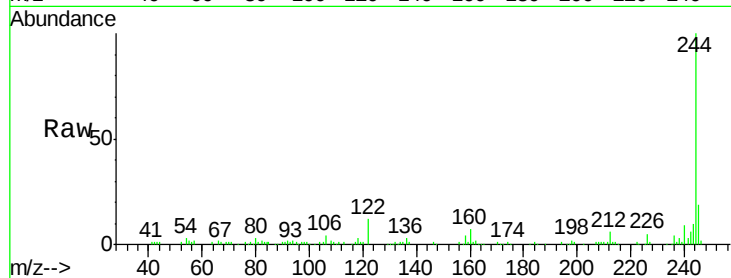
Tot Ion:244 Resp: 81597

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

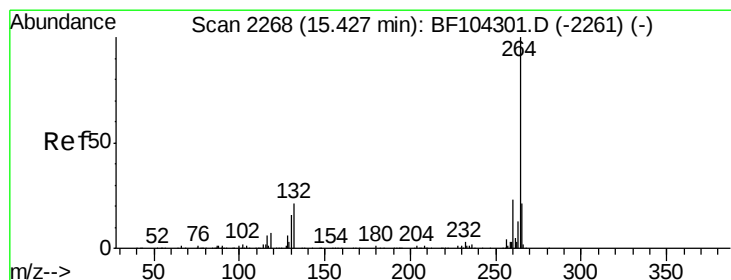
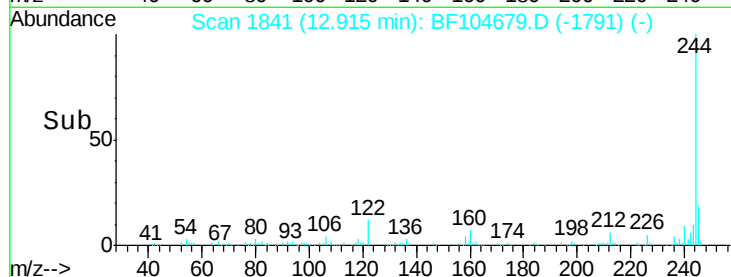
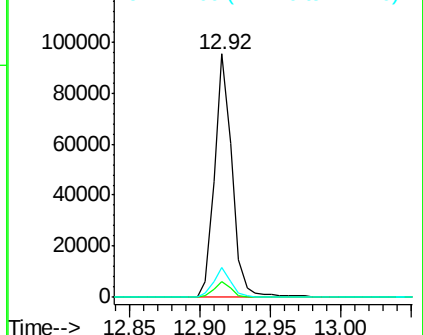
122 12.3 11.0 16.4



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. 0.01 min

Lab File: BF104679.D

Acq: 20 Apr 2018 17:27

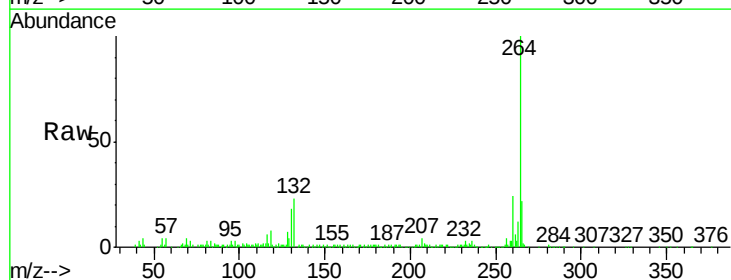
Tgt Ion:264 Resp: 159989

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 22.0 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

