

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF105001.D
 Acq On : 1 May 2018 22:59
 Operator : JU/SJ
 Sample : PB108756BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BL

Quant Time: May 02 07:39:36 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	107764	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	450491	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	209651	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	362799	20.00	ng	0.00
75) Chrysene-d12	14.00	240	240208	20.00	ng	0.03
86) Perylene-d12	15.54	264	210590	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	773070	109.69	ng	0.00
7) Phenol-d6	6.43	99	939178	108.46	ng	0.00
23) Nitrobenzene-d5	7.36	82	583050	84.51	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	226724	104.25	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1088527	82.02	ng	0.00
78) Terphenyl-d14	12.92	244	955225	90.66	ng	0.00

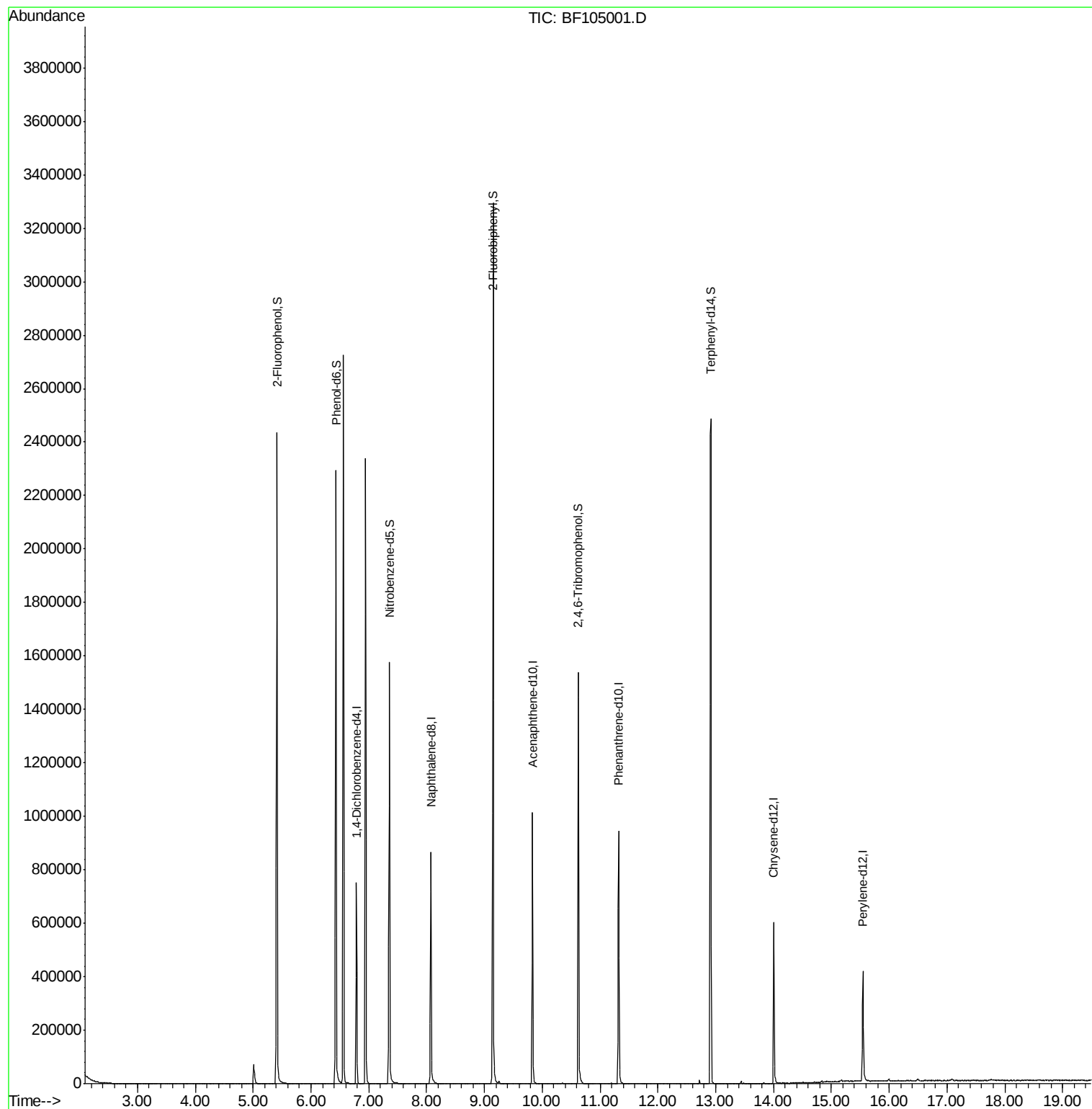
Target Compounds	Qvalue
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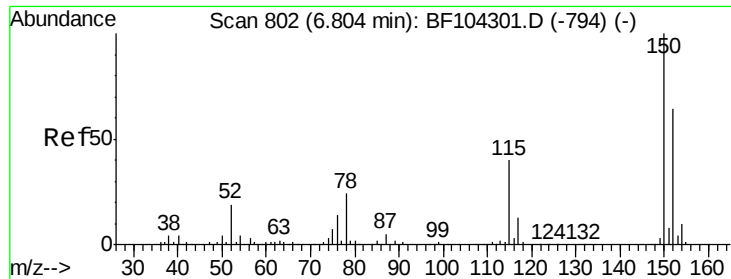
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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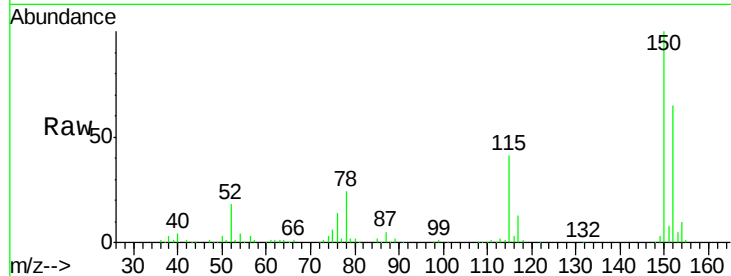


#1

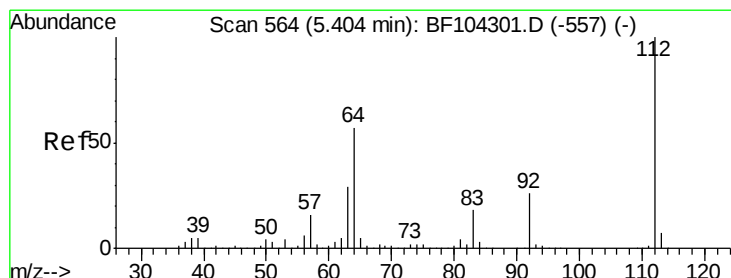
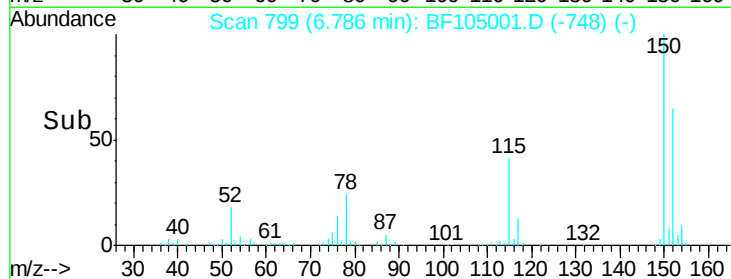
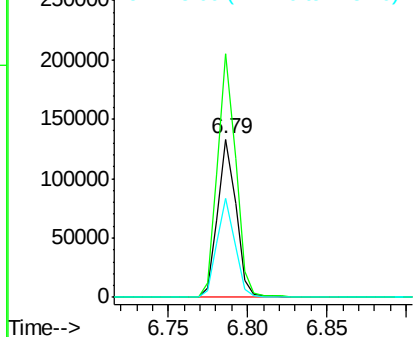
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Instrument :
BNA_F
ClientSampled :
PB108756BL

Tgt Ion:152 Resp: 107764
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 62.3 50.1 75.1



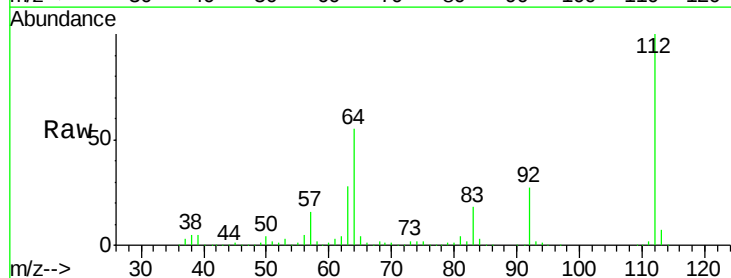
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



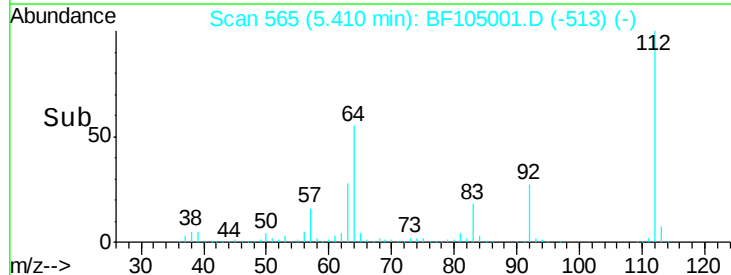
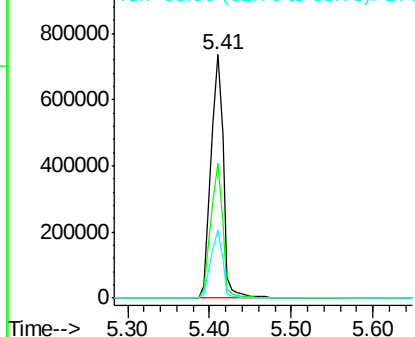
#5

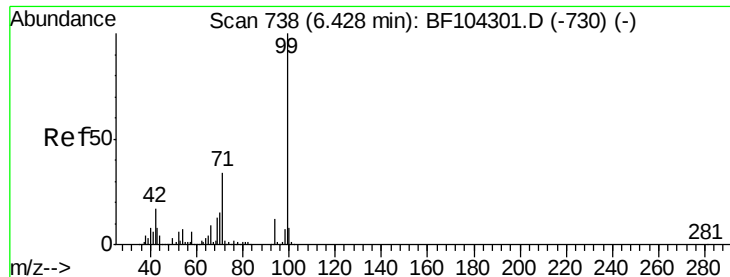
2-Fluorophenol
Concen: 109.690 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Tgt Ion:112 Resp: 773070
Ion Ratio Lower Upper
112 100
64 55.3 47.9 71.9
63 28.2 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: 108.458 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF105001.D

Acq: 1 May 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB108756BL

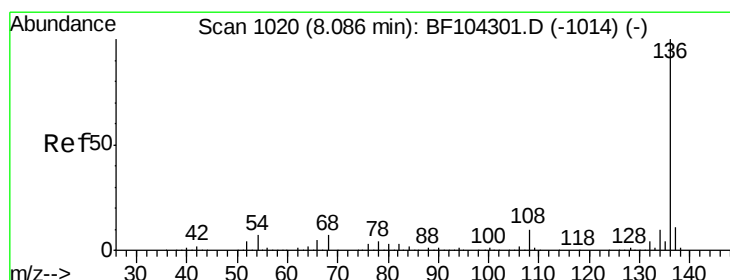
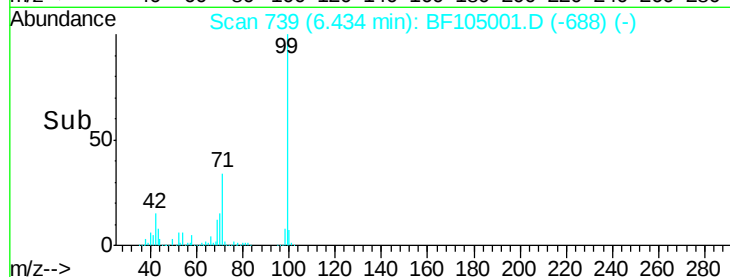
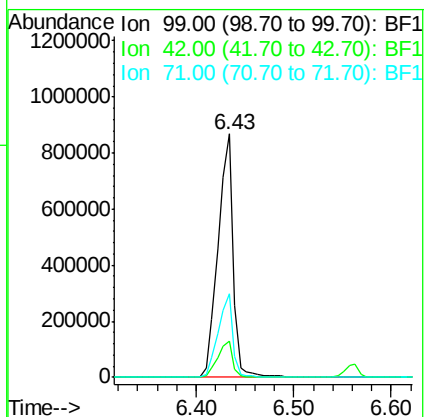
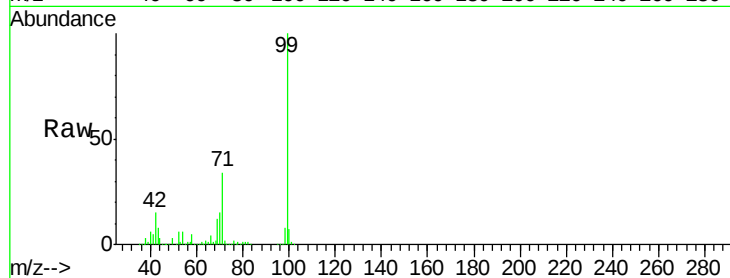
Tgt Ion: 99 Resp: 939178

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

71 34.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF105001.D

Acq: 1 May 2018 22:59

Tgt Ion: 136 Resp: 450491

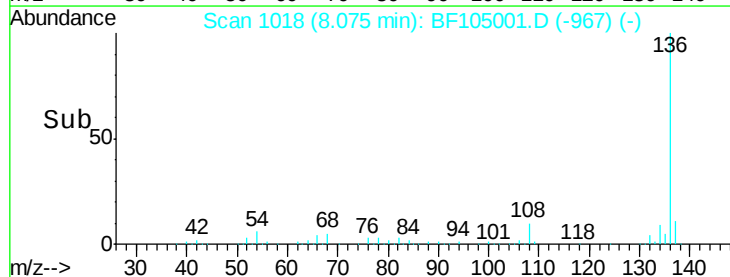
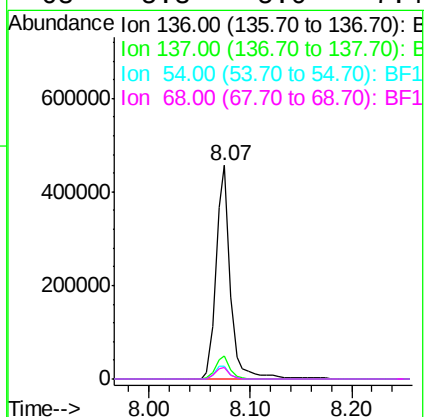
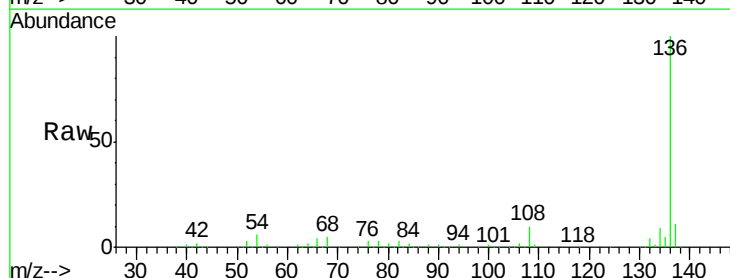
Ion Ratio Lower Upper

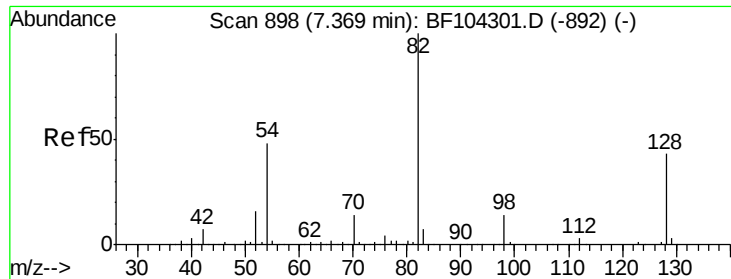
136 100

137 10.6 8.9 13.3

54 5.9 6.6 9.8#

68 5.3 5.0 7.4

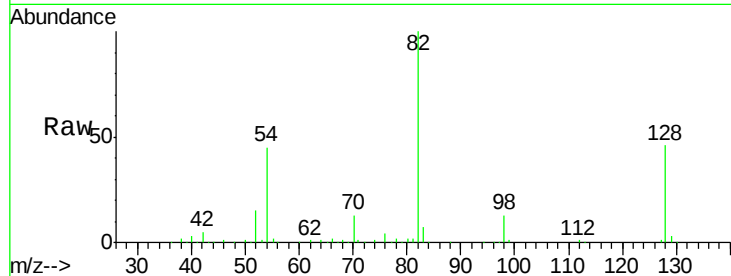




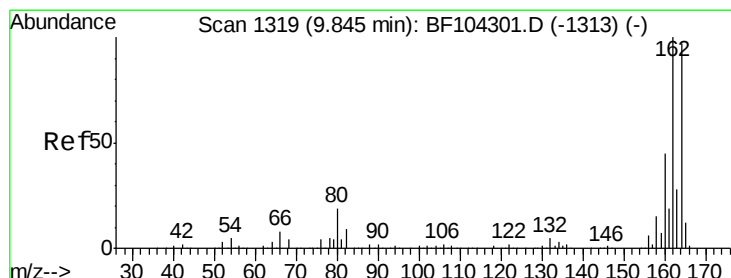
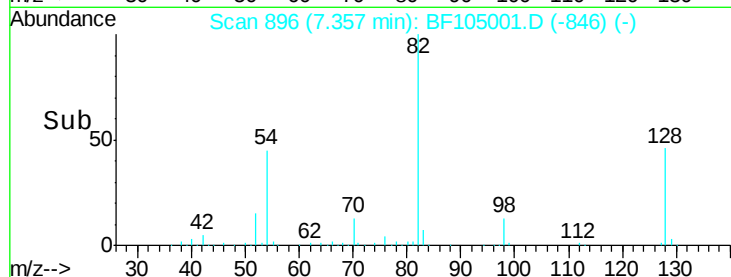
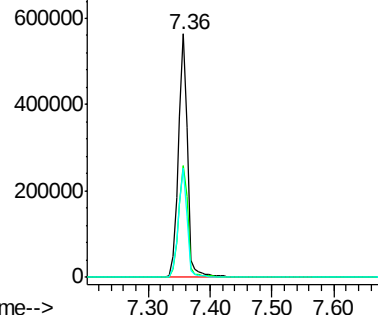
#23
 Nitrobenzene-d5
 Concen: 84.512 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105001.D
 Acq: 1 May 2018 22:59

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BL

Tgt Ion: 82 Resp: 583050
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.1 54.1
 54 44.7 41.4 62.2

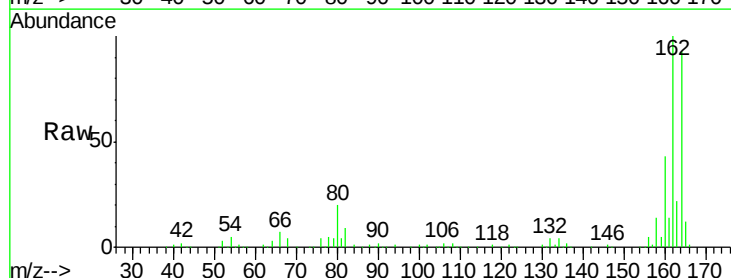


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

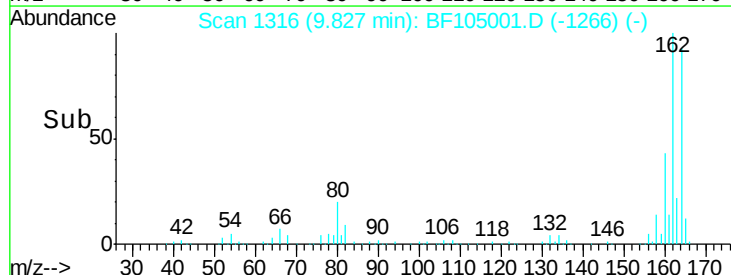
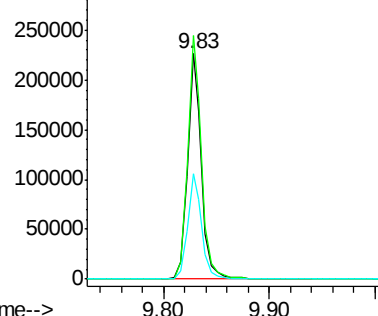


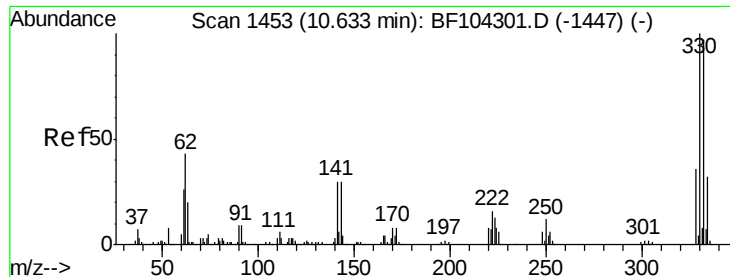
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF105001.D
 Acq: 1 May 2018 22:59

Tgt Ion: 164 Resp: 209651
 Ion Ratio Lower Upper
 164 100
 162 107.9 86.1 129.1
 160 46.7 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

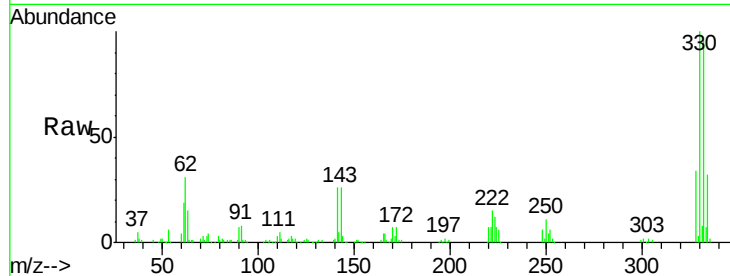




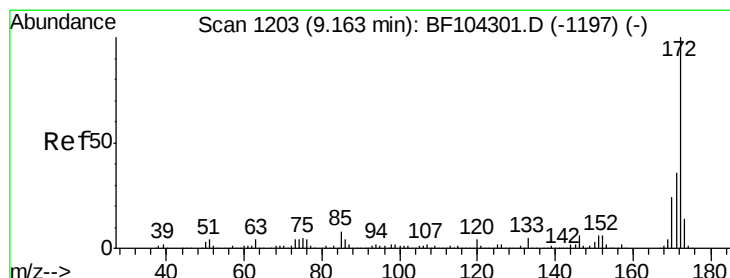
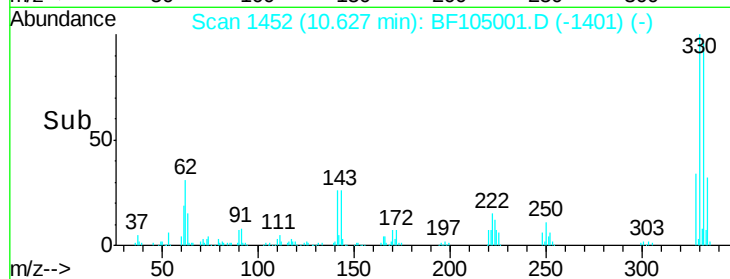
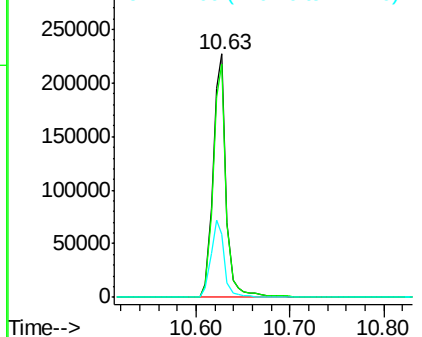
#41
 2,4,6-Tribromophenol
 Concen: 104.252 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF105001.D
 Acq: 1 May 2018 22:59

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BL

Tgt Ion:330 Resp: 226724
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 32.3 29.9 44.9

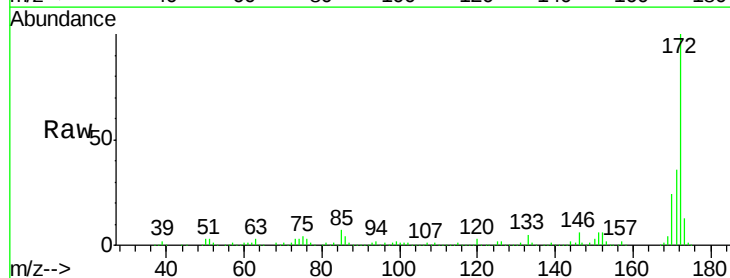


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

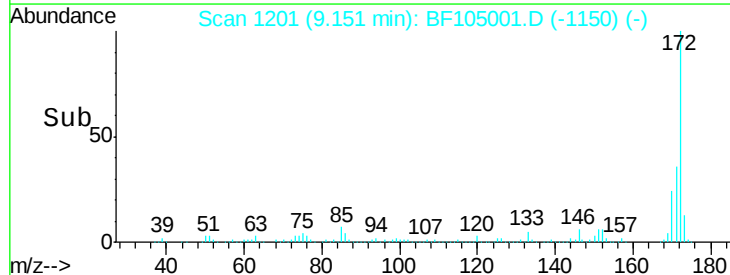
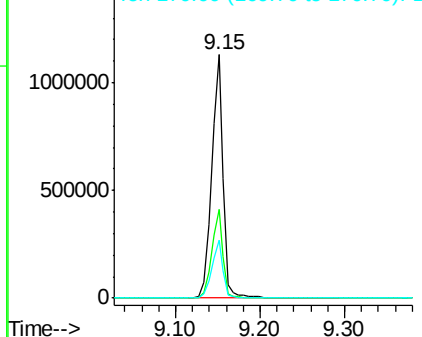


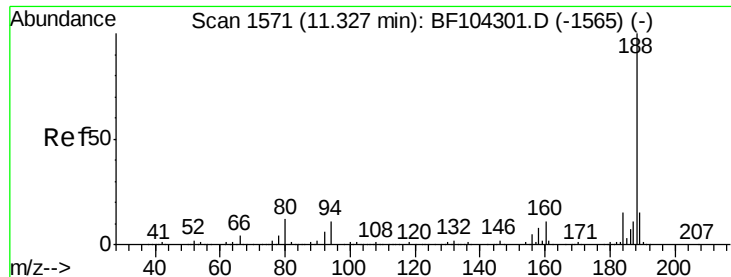
#44
 2-Fluorobiphenyl
 Concen: 82.022 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF105001.D
 Acq: 1 May 2018 22:59

Tgt Ion:172 Resp: 1088527
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.0 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

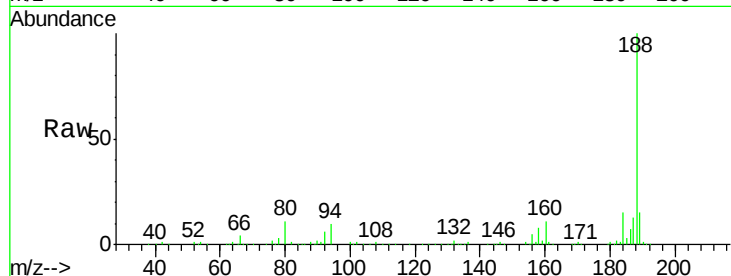




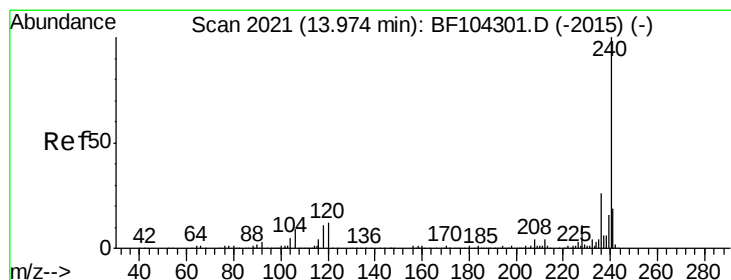
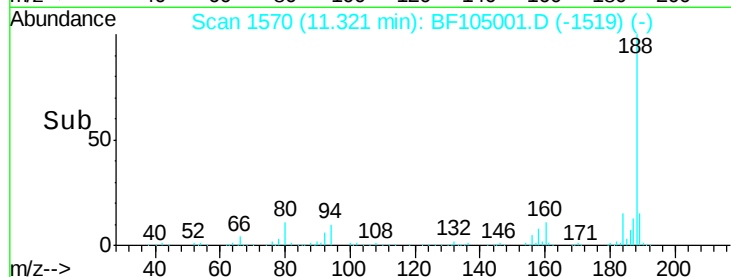
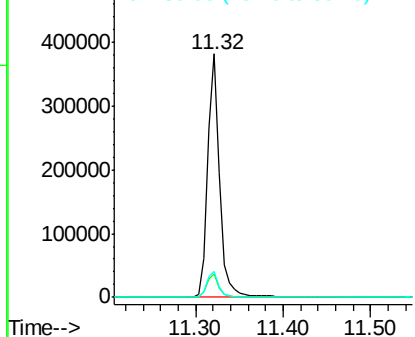
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB108756BL

Tgt Ion:188 Resp: 362799
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.5 9.2 13.8

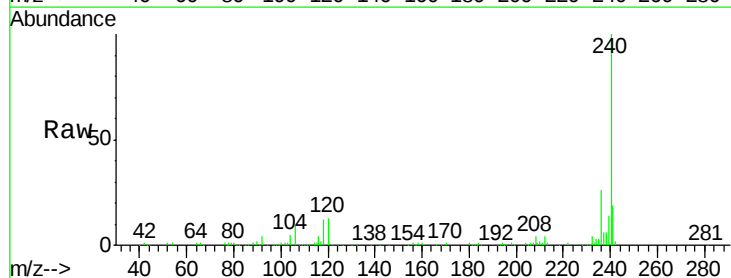


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

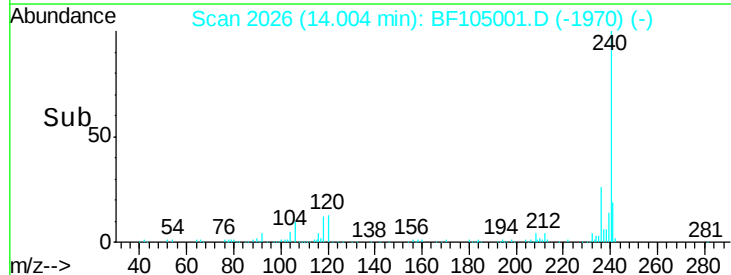
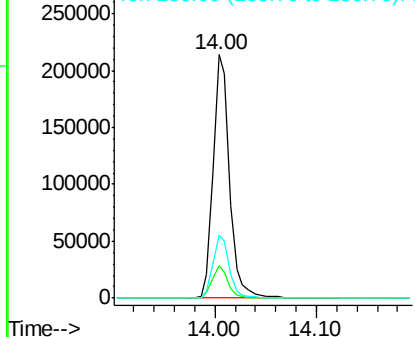


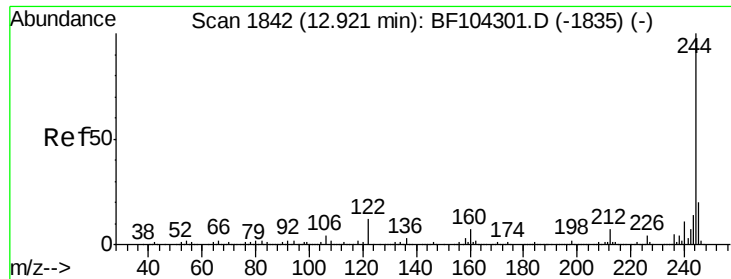
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.03 min
Lab File: BF105001.D
Acq: 1 May 2018 22:59

Tgt Ion:240 Resp: 240208
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 26.2 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

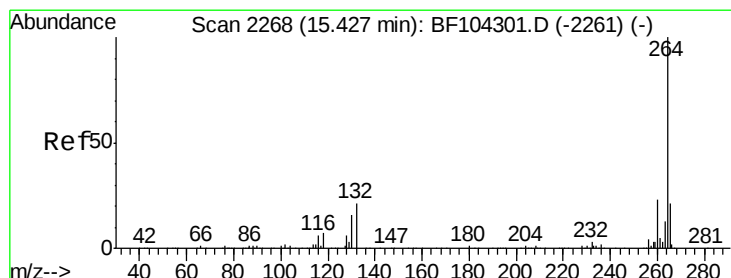
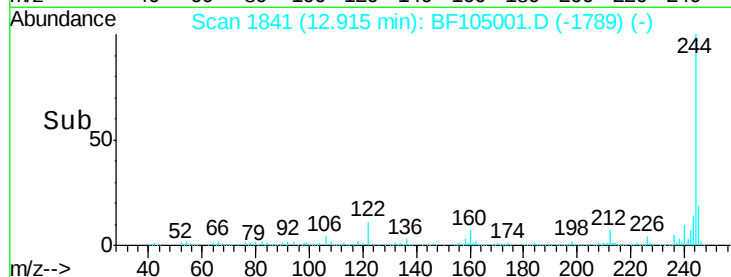
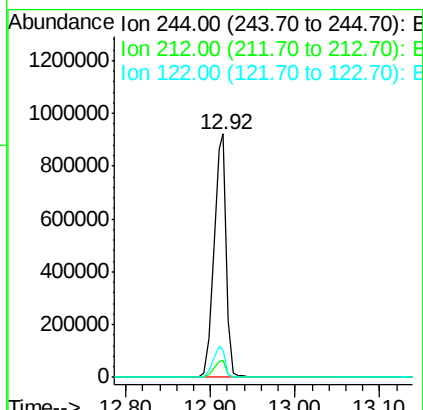
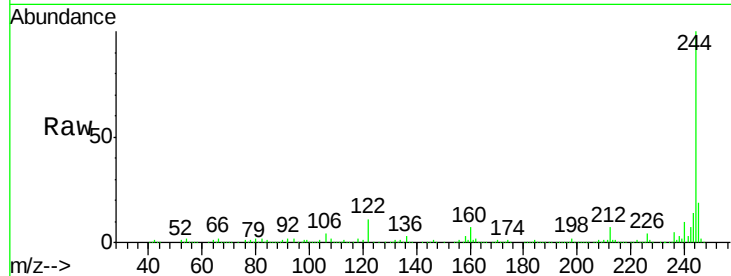




#78
 Terphenyl-d14
 Concen: 90.661 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF105001.D
 Acq: 1 May 2018 22:59

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BL

Tgt Ion:244 Resp: 955225
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.11 min
 Lab File: BF105001.D
 Acq: 1 May 2018 22:59

Tgt Ion:264 Resp: 210590
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.3 17.5 26.3

