

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105030.D
 Acq On : 2 May 2018 14:56
 Operator : JU/SJ
 Sample : J2657-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-180430-08

Quant Time: May 02 17:46:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	82627	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	336217	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	143928	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	234425	20.00	ng	0.00
75) Chrysene-d12	14.02	240	183860	20.00	ng	-0.02
86) Perylene-d12	15.57	264	176491	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	230876	42.72	ng	0.00
7) Phenol-d6	6.43	99	180660	27.21	ng	-0.01
23) Nitrobenzene-d5	7.36	82	509817	99.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	131716	88.22	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	898744	98.65	ng	0.00
78) Terphenyl-d14	12.92	244	730183	90.54	ng	0.00

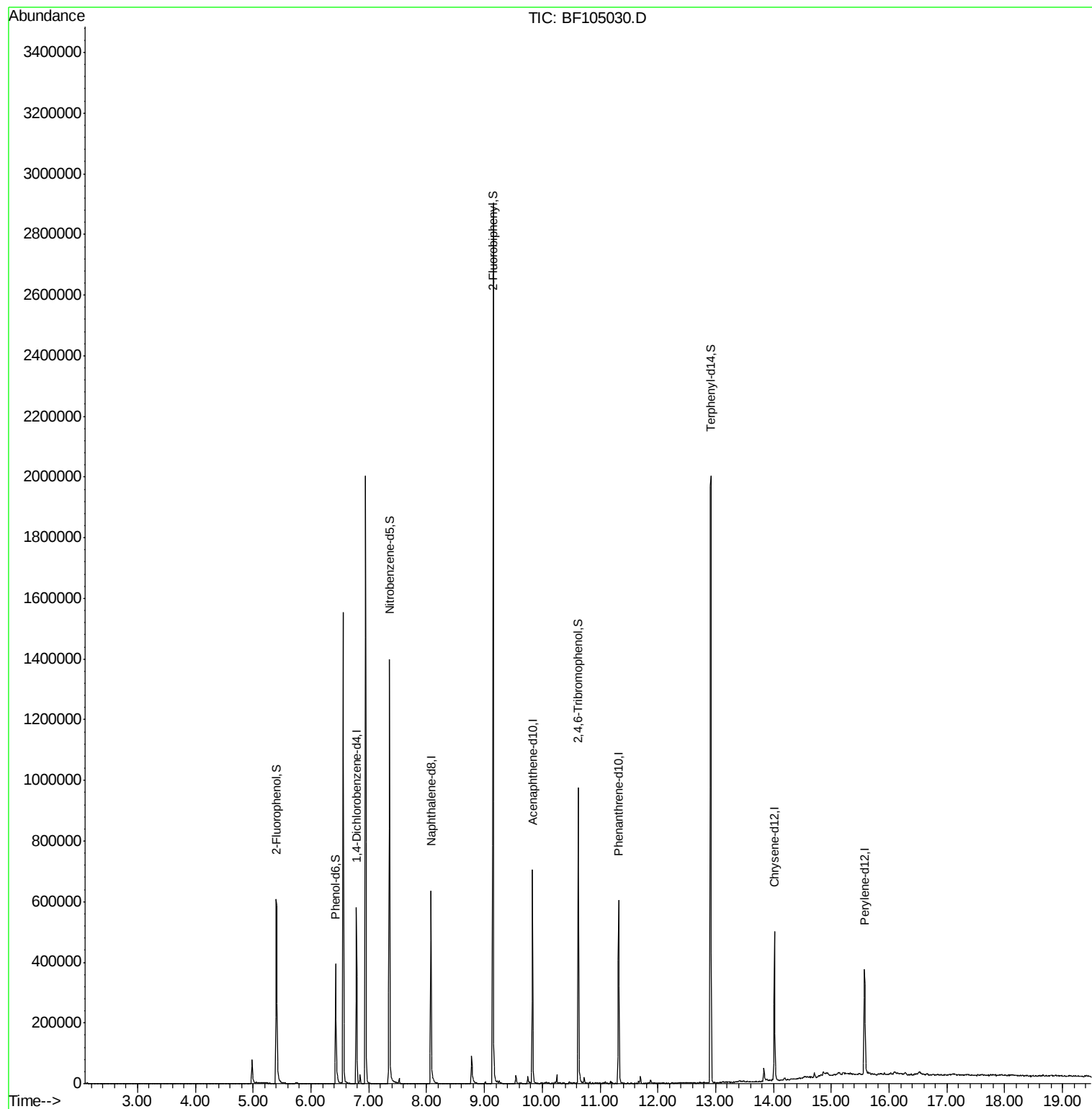
Target Compounds Qvalue

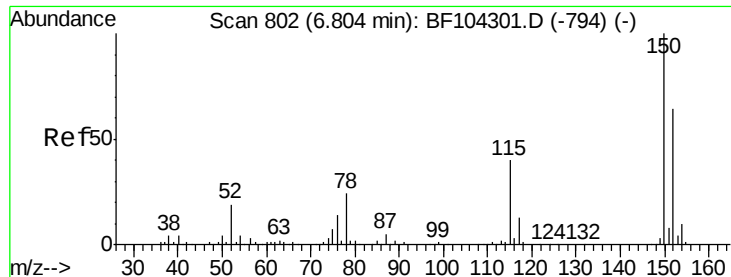
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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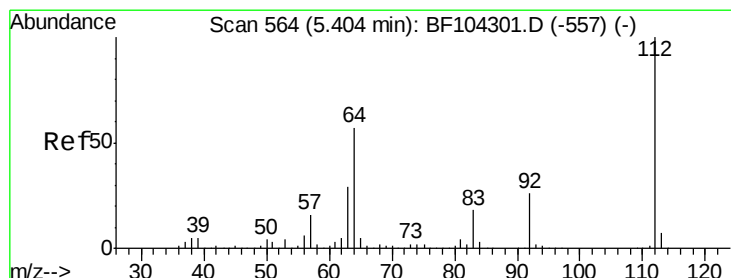
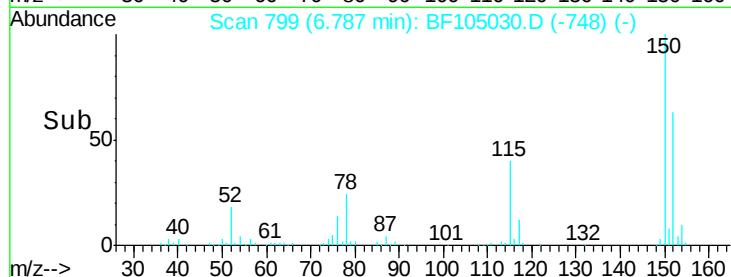
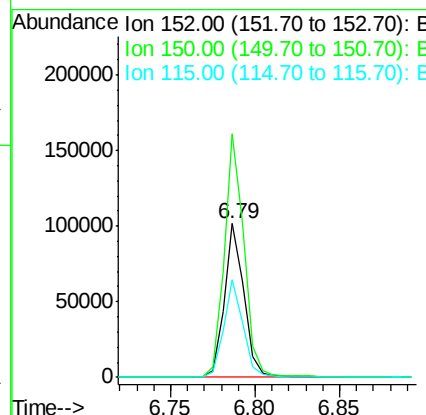
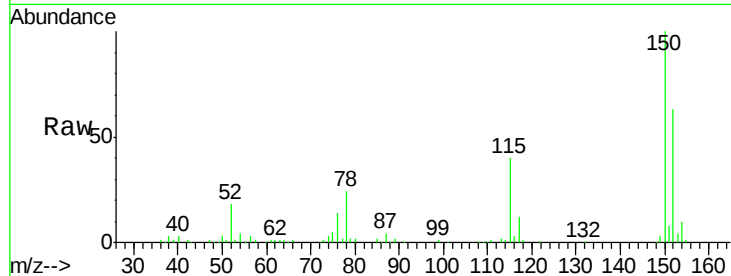




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF105030.D
 Acq: 2 May 2018 14:56

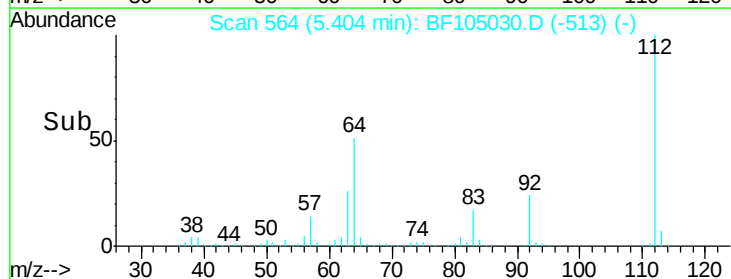
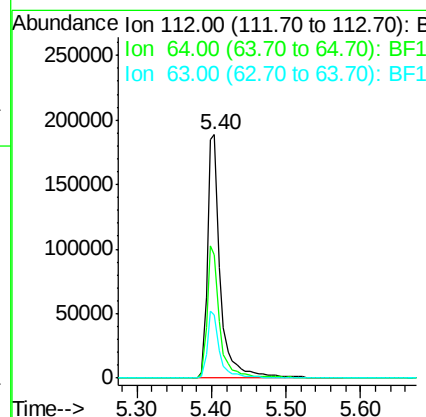
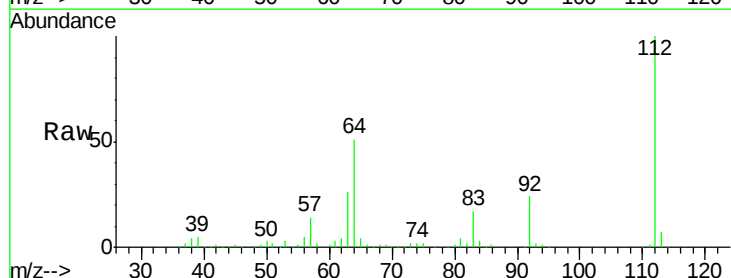
Instrument :
 BNA_F
 ClientSampleId :
 EFF-180430-08

Tot Ion:152 Resp: 82627
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.6 186.8
 115 63.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 42.725 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF105030.D
 Acq: 2 May 2018 14:56

Tgt Ion:112 Resp: 230876
 Ion Ratio Lower Upper
 112 100
 64 50.5 47.9 71.9
 63 26.1 23.7 35.5





#7

Phenol-d6

Concen: 27.210 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF105030.D

Acq: 2 May 2018 14:56

Instrument :

BNA_F

ClientSampleId :

EFF-180430-08

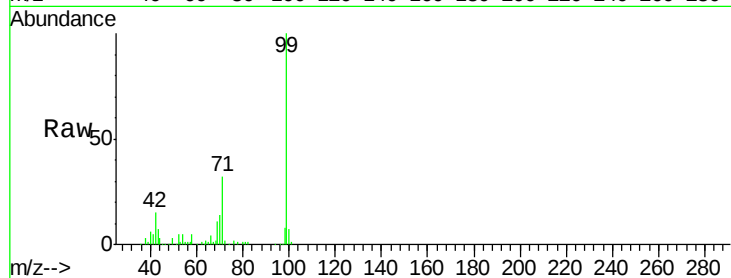
Tot Ion: 99 Resp: 180660

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

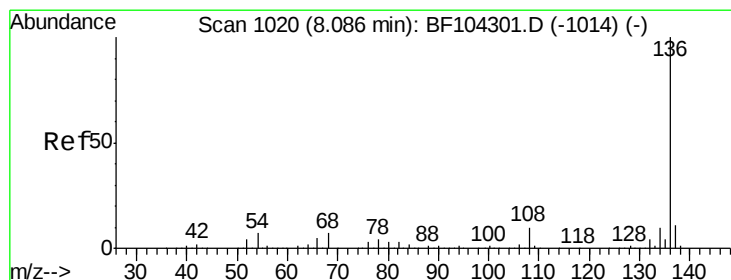
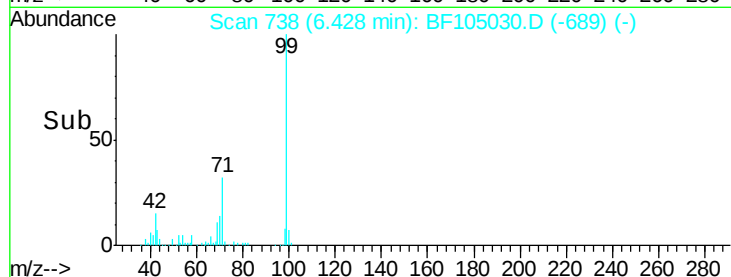
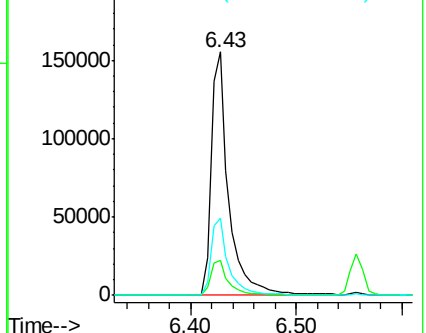
71 31.9 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF105030.D

Acq: 2 May 2018 14:56

Tgt Ion: 136 Resp: 336217

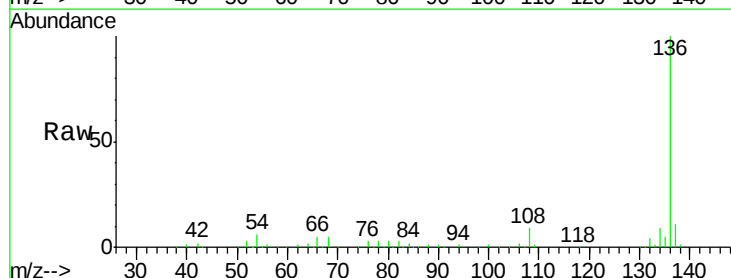
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.1 6.6 9.8#

68 5.2 5.0 7.4

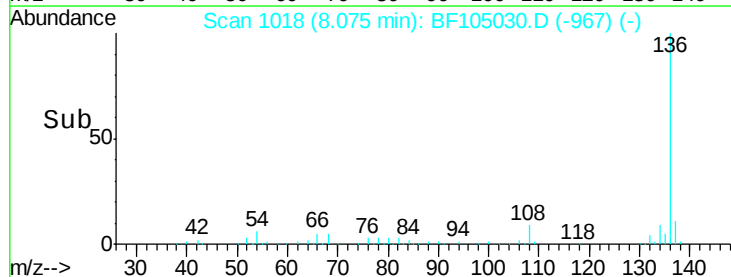
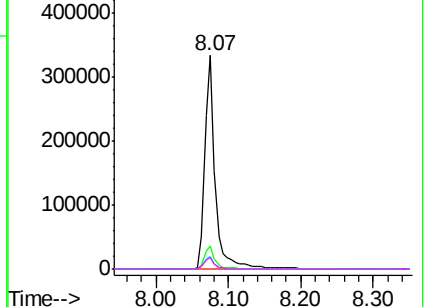


Abundance Ion 136.00 (135.70 to 136.70): E

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

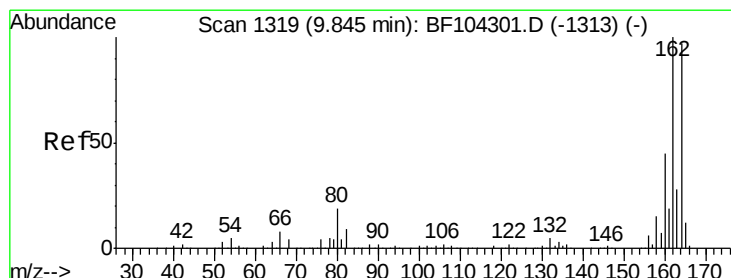
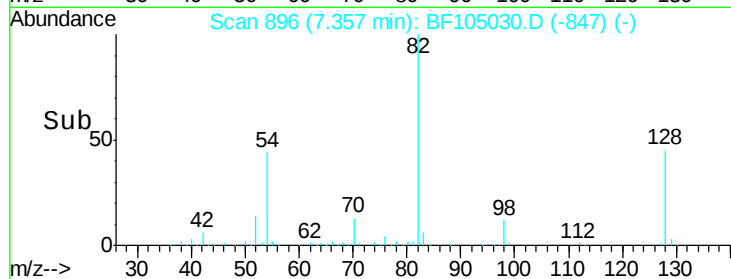
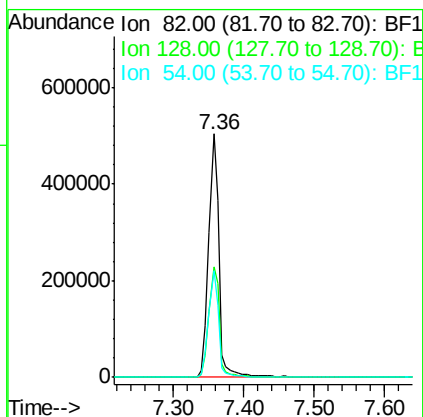
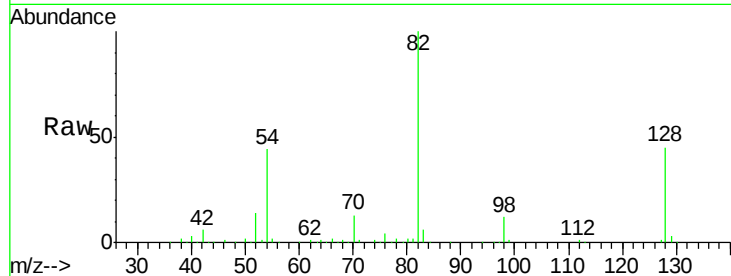




#23
Nitrobenzene-d5
Concen: 99.014 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105030.D
Acq: 2 May 2018 14:56

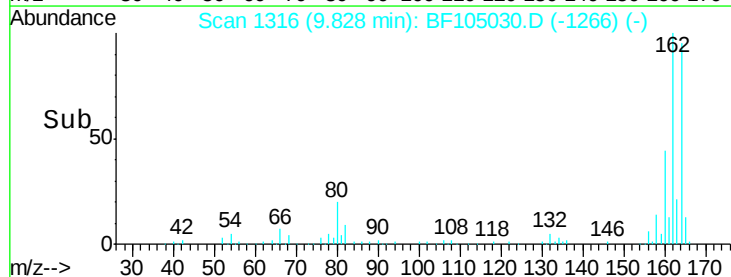
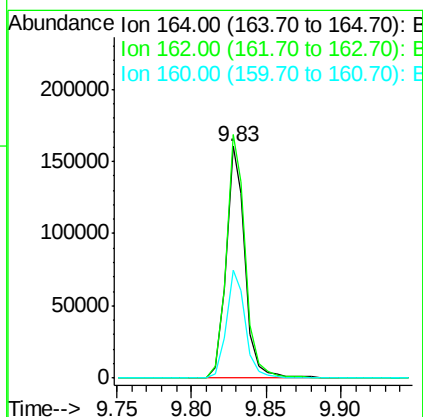
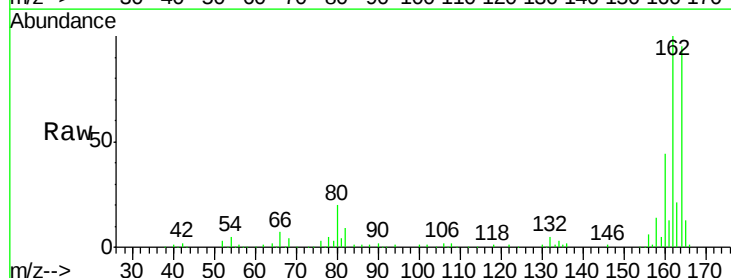
Instrument :
BNA_F
ClientSampleId :
EFF-180430-08

Tot Ion: 82 Resp: 509817
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 43.8 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105030.D
Acq: 2 May 2018 14:56

Tgt Ion: 164 Resp: 143928
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 46.6 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 88.222 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF105030.D

Acq: 2 May 2018 14:56

Instrument :

BNA_F

ClientSampleId :

EFF-180430-08

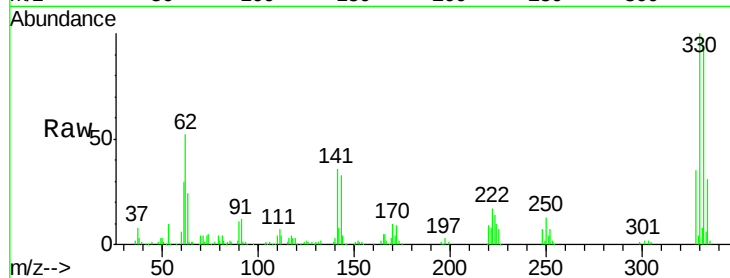
Tot Ion:330 Resp: 131716

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

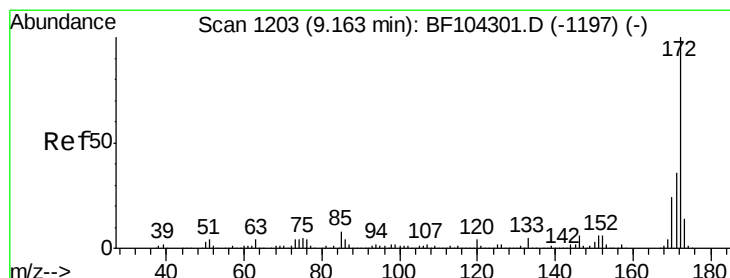
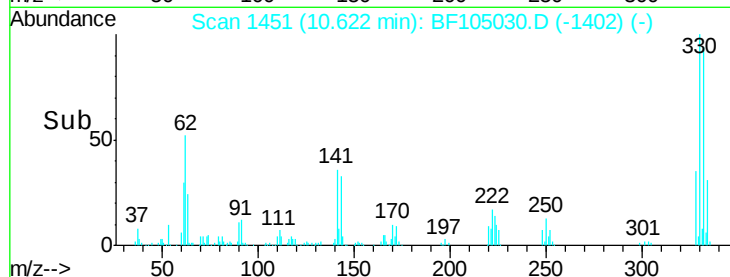
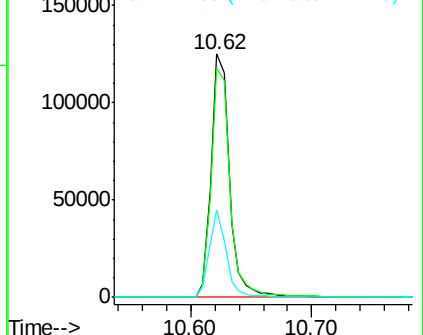
141 33.4 29.9 44.9



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: 98.646 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF105030.D

Acq: 2 May 2018 14:56

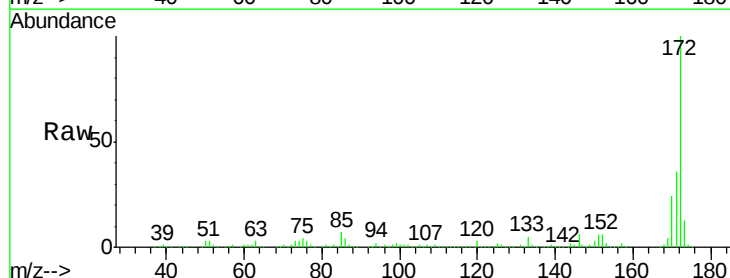
Tgt Ion:172 Resp: 898744

Ion Ratio Lower Upper

172 100

171 35.7 29.7 44.5

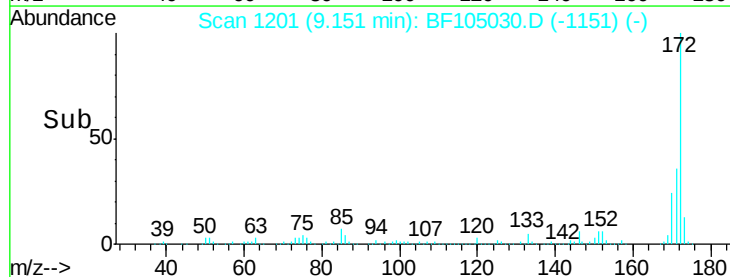
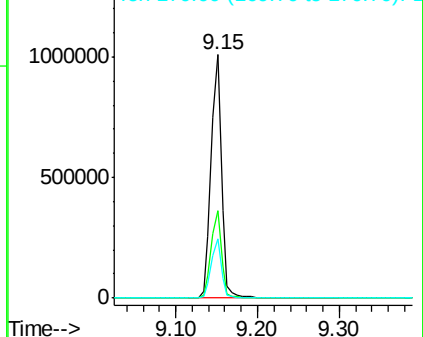
170 24.2 19.6 29.4



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

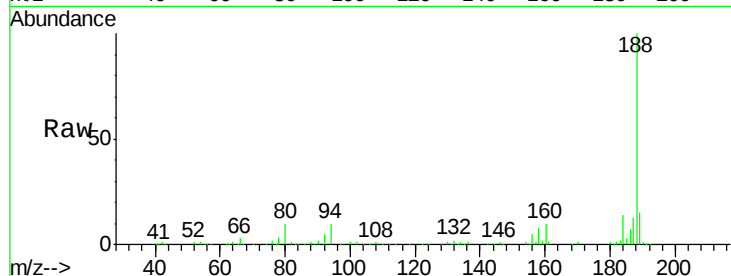




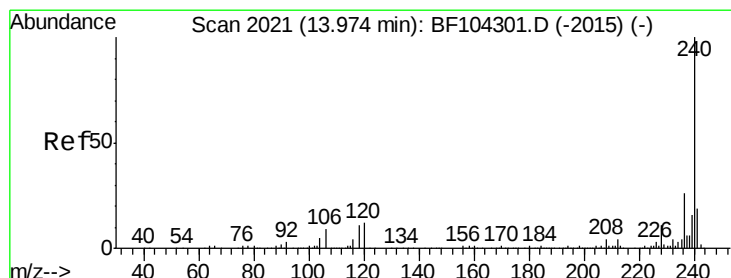
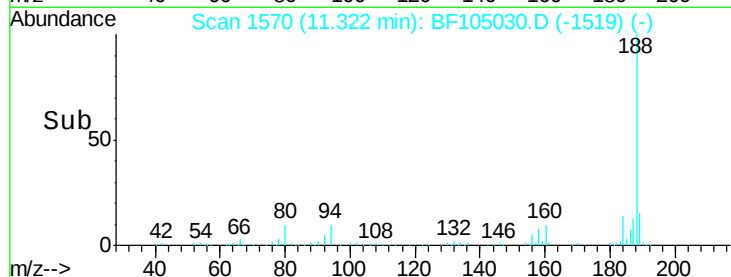
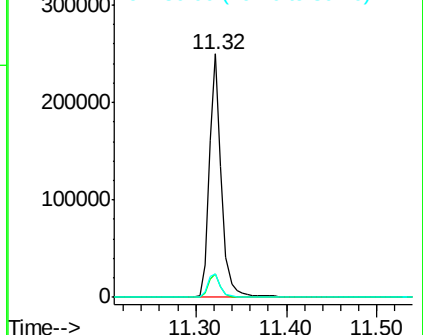
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF105030.D
Acq: 2 May 2018 14:56

Instrument :
BNA_F
ClientSampleId :
EFF-180430-08

Tot Ion:188 Resp: 234425
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 9.6 9.2 13.8

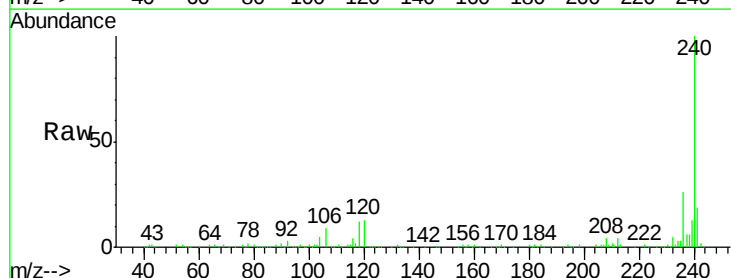


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

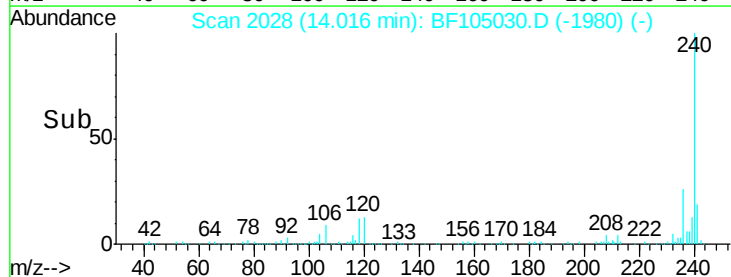
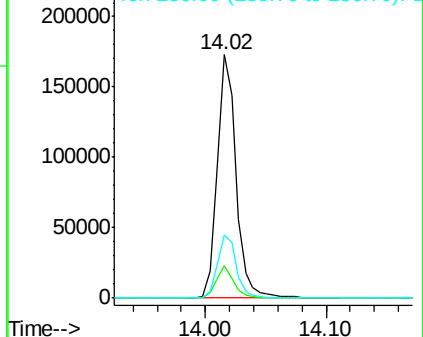


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF105030.D
Acq: 2 May 2018 14:56

Tgt Ion:240 Resp: 183860
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 26.1 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

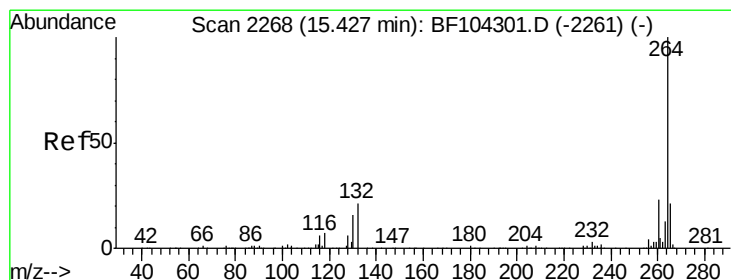
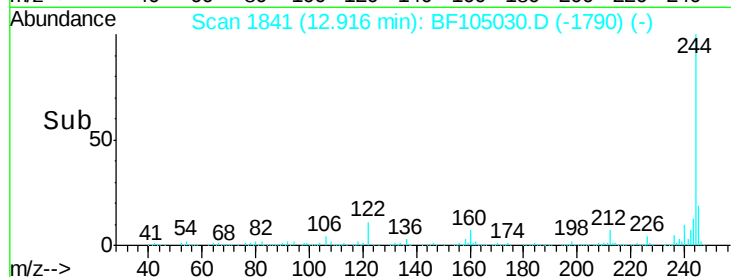
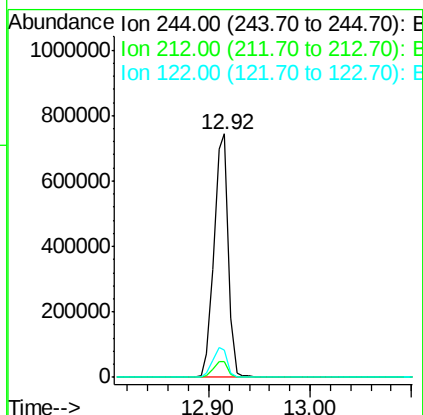
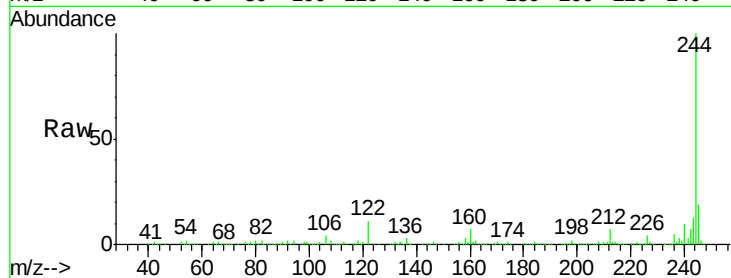




#78
 Terphenyl-d14
 Concen: 90.541 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF105030.D
 Acq: 2 May 2018 14:56

Instrument :
 BNA_F
 ClientSampleId :
 EFF-180430-08

Tot Ion:244 Resp: 730183
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.02 min
 Lab File: BF105030.D
 Acq: 2 May 2018 14:56

Tgt Ion:264 Resp: 176491
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.0 17.5 26.3

