

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105058.D
 Acq On : 3 May 2018 4:16
 Operator : JU/SJ
 Sample : J2684-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 043018-SIDI-F-U-S

Quant Time: May 03 07:18:13 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

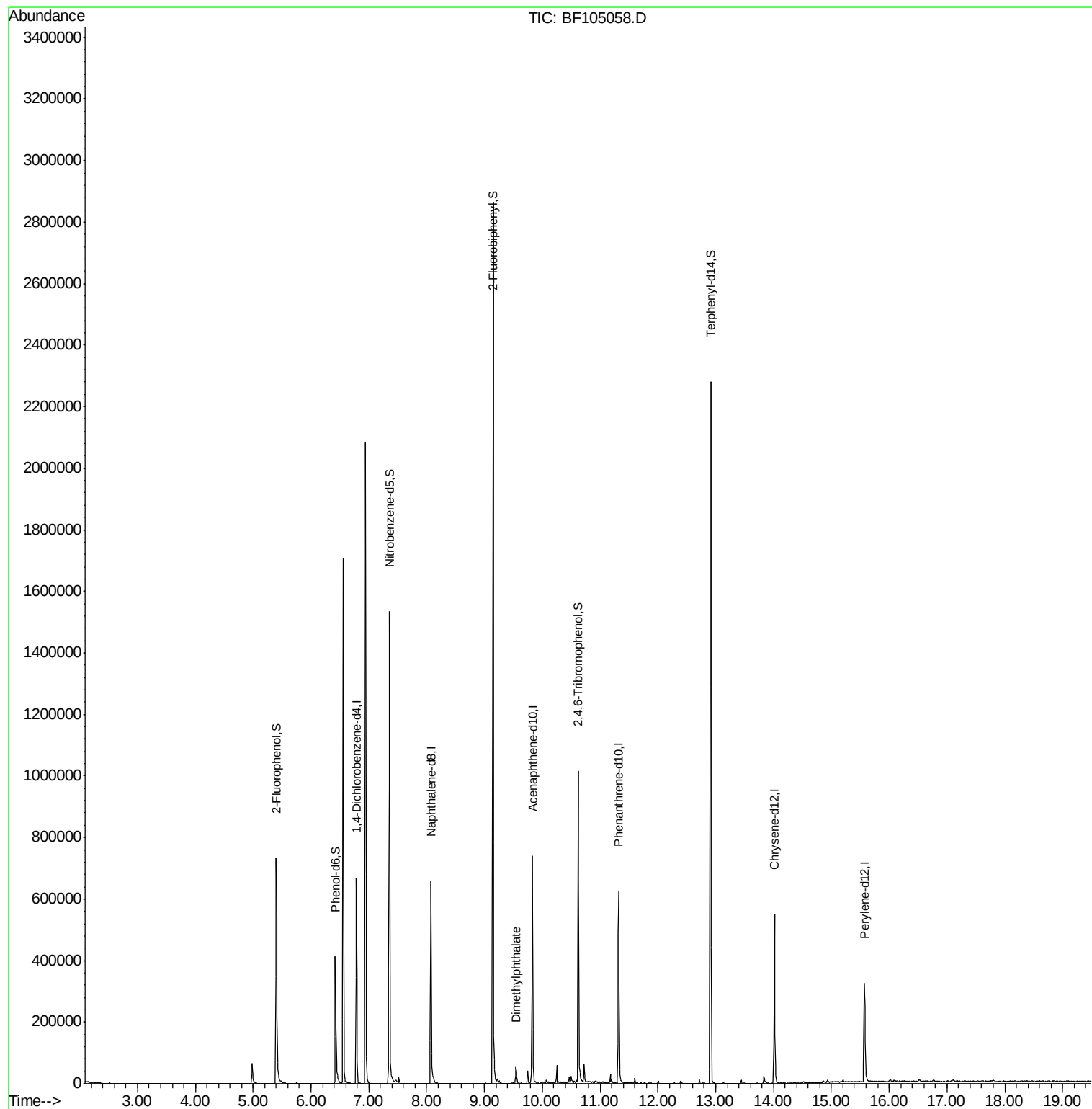
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	94186	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	371249	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	157179	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	262052	20.00	ng	0.00
75) Chrysene-d12	14.02	240	228425	20.00	ng	-0.02
86) Perylene-d12	15.57	264	180318	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	258411	41.95	ng	0.00
7) Phenol-d6	6.42	99	194407	25.69	ng	-0.02
23) Nitrobenzene-d5	7.36	82	552514	97.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	140090	85.92	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	979794	98.48	ng	0.00
78) Terphenyl-d14	12.92	244	882807	88.11	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	27286	2.201	ng	97

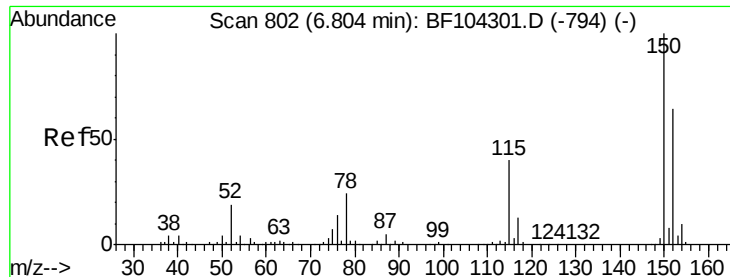
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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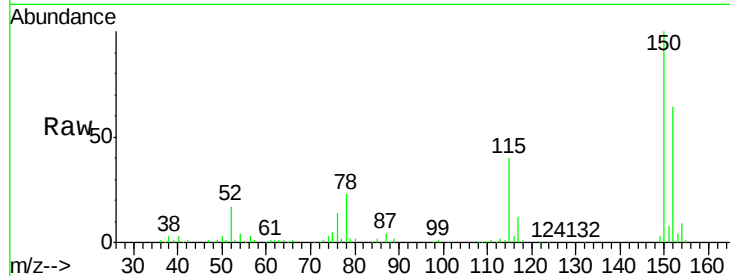


#1

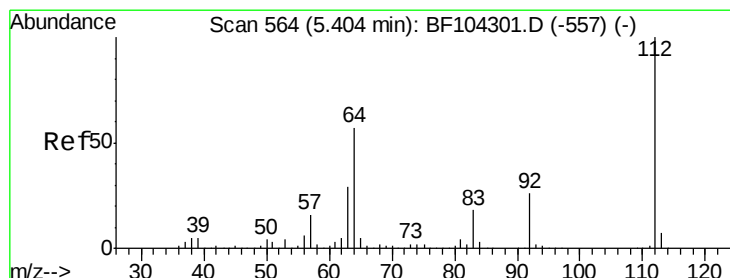
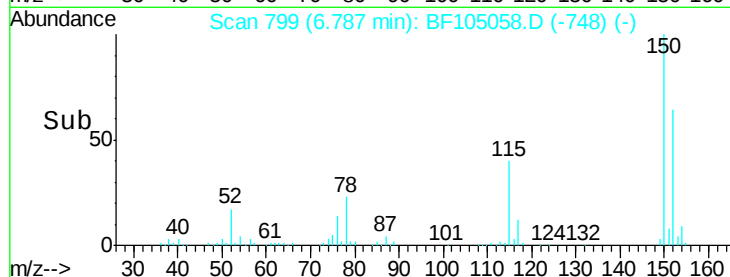
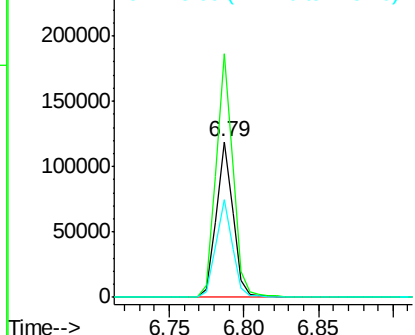
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105058.D
Acq: 3 May 2018 4:16

Instrument :
BNA_F
ClientSampleId :
043018-SIDI-F-U-S

Tot Ion:152 Resp: 94186
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 62.7 50.1 75.1



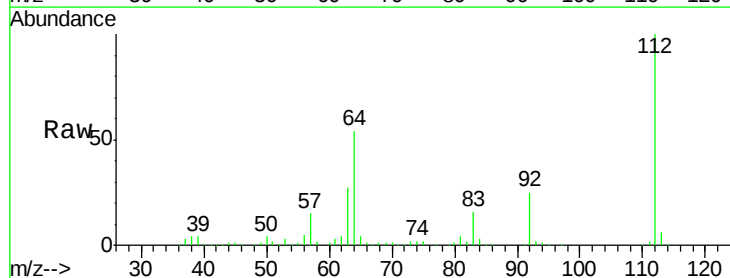
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



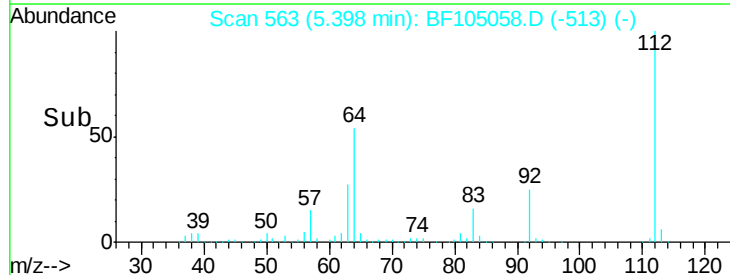
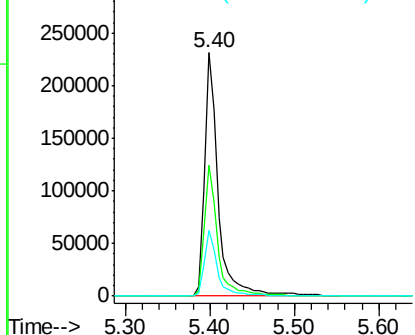
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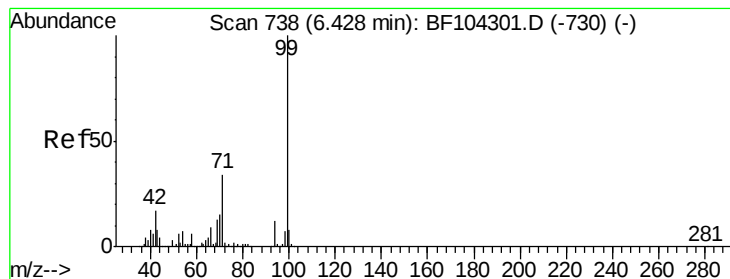
2-Fluorophenol
Concen: 41.952 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF105058.D
Acq: 3 May 2018 4:16

Tgt Ion:112 Resp: 258411
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 27.0 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: 25.687 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF105058.D

Acq: 3 May 2018 4:16

Instrument :

BNA_F

ClientSampleId :

043018-SIDI-F-U-S

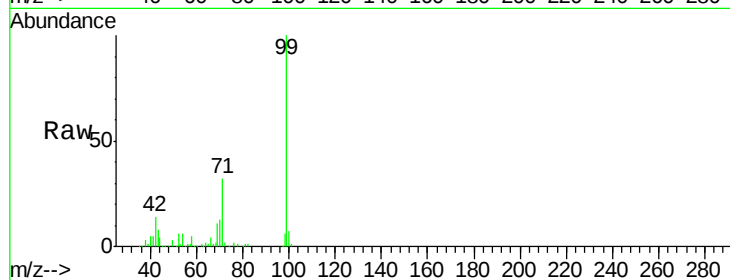
Tot Ion: 99 Resp: 194407

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

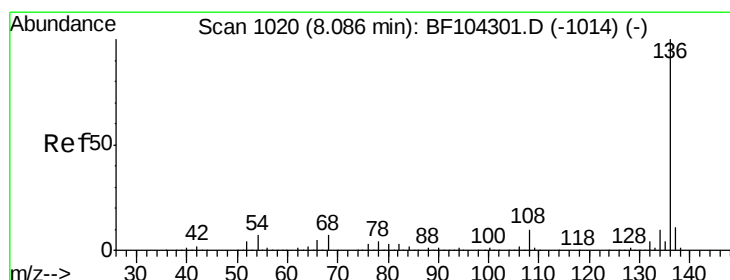
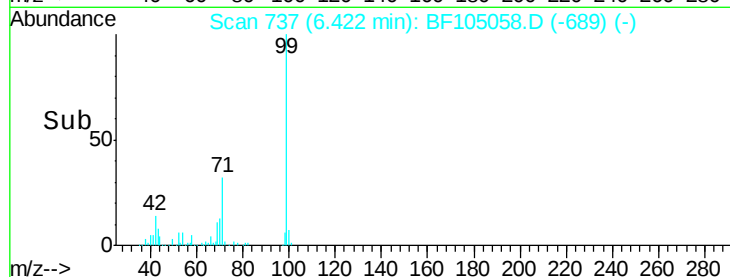
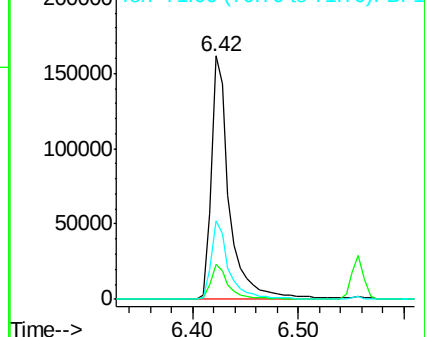
71 32.1 25.4 38.0



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: BF105058.D

Acq: 3 May 2018 4:16

Tgt Ion: 136 Resp: 371249

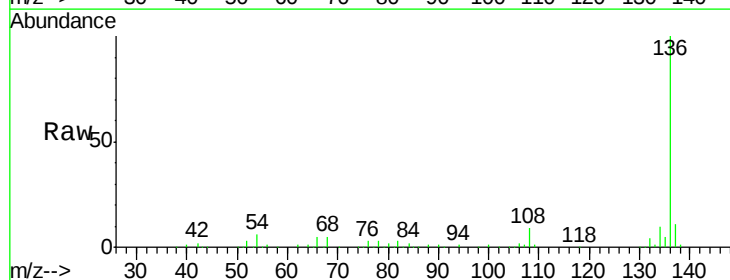
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 5.7 6.6 9.8#

68 5.1 5.0 7.4

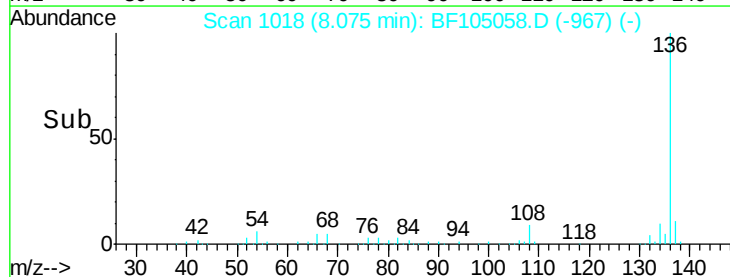
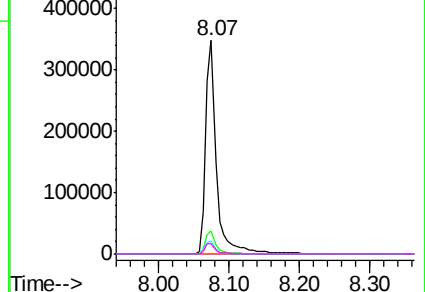


Abundance Ion 136.00 (135.70 to 136.70): E

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

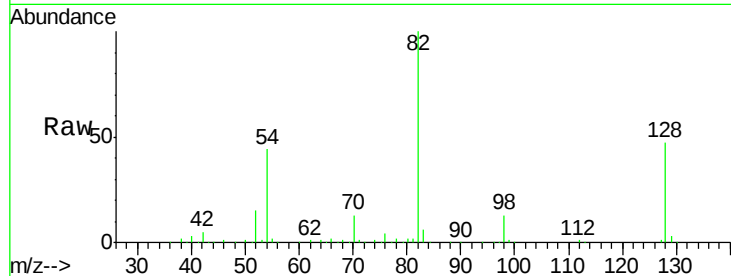




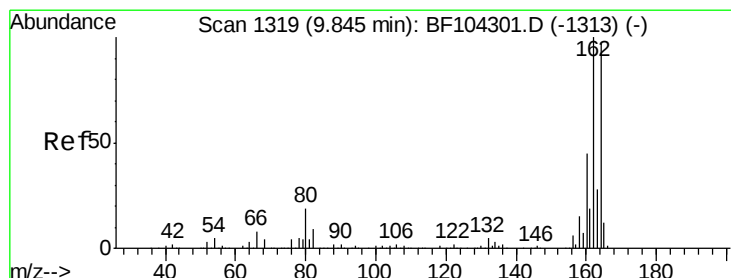
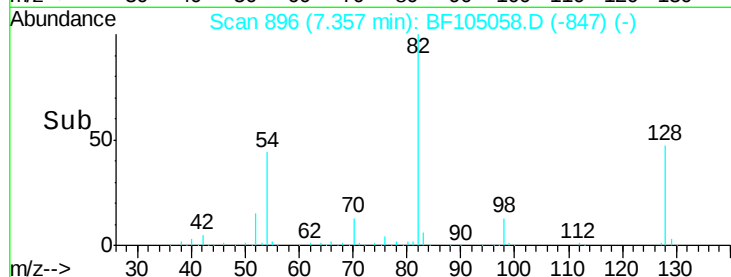
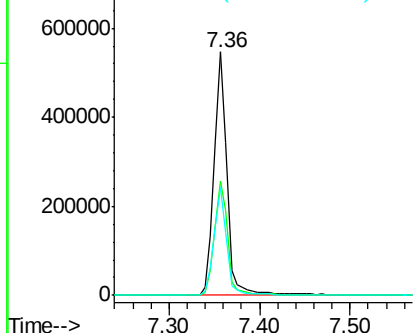
#23
Nitrobenzene-d5
Concen: 97.180 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105058.D
Acq: 3 May 2018 4:16

Instrument :
BNA_F
ClientSampleId :
043018-SIDI-F-U-S

Tot Ion: 82 Resp: 552514
Ion Ratio Lower Upper
82 100
128 47.1 36.1 54.1
54 44.3 41.4 62.2

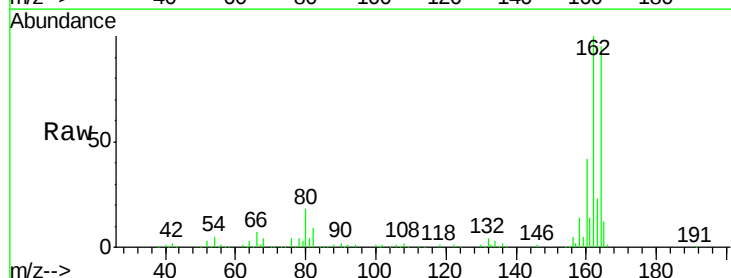


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

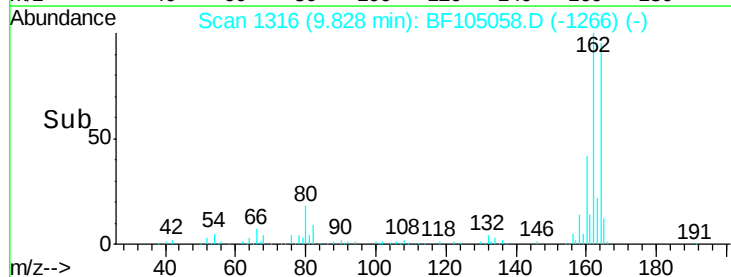
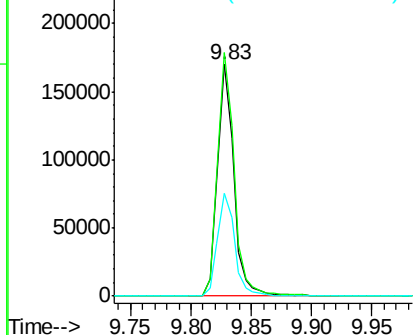


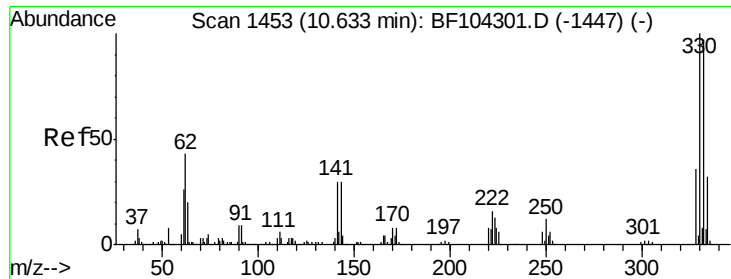
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105058.D
Acq: 3 May 2018 4:16

Tgt Ion: 164 Resp: 157179
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 44.5 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

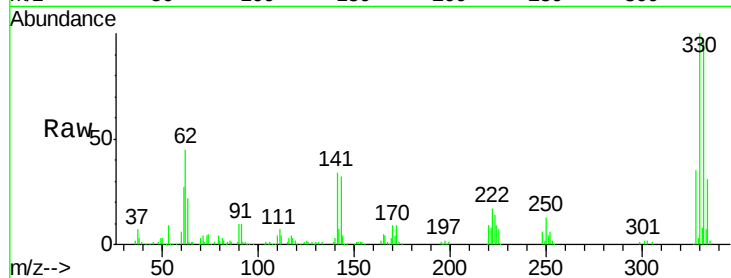




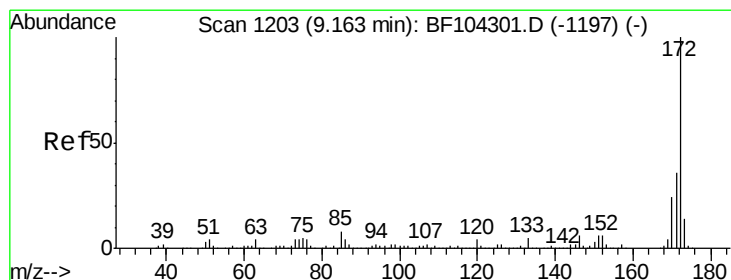
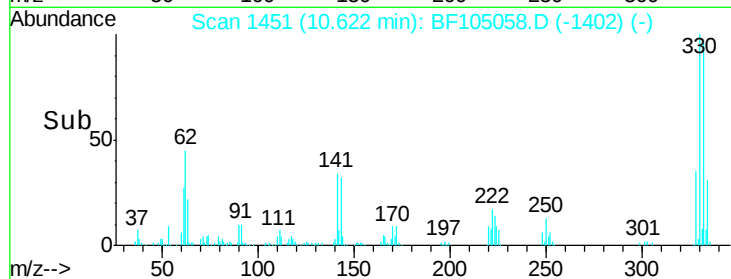
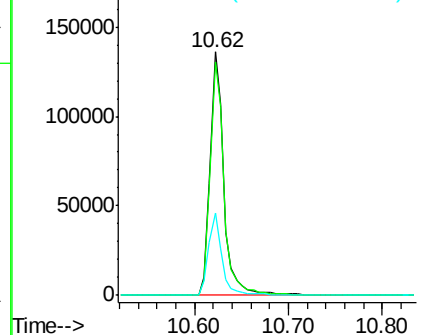
#41
 2,4,6-Tribromophenol
 Concen: 85.921 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105058.D
 Acq: 3 May 2018 4:16

Instrument :
 BNA_F
 ClientSampleId :
 043018-SIDI-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	32.9	29.9	44.9

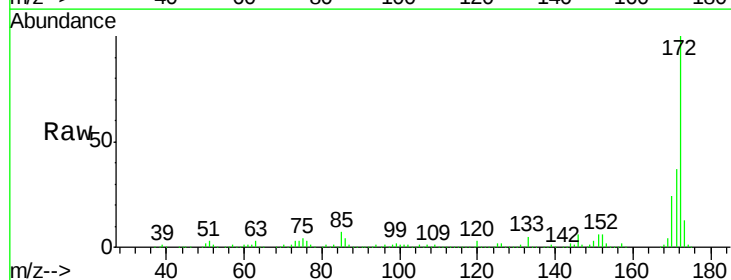


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

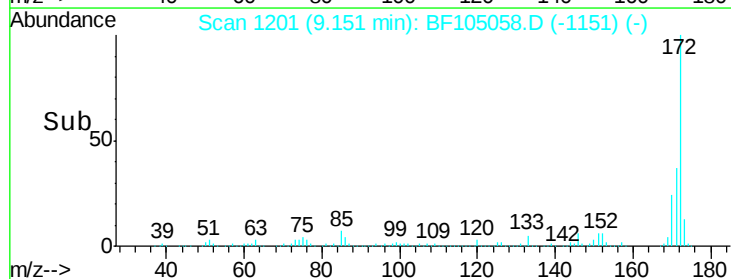
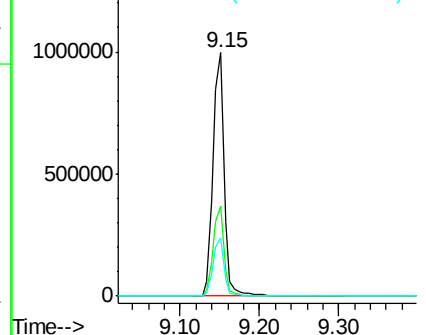


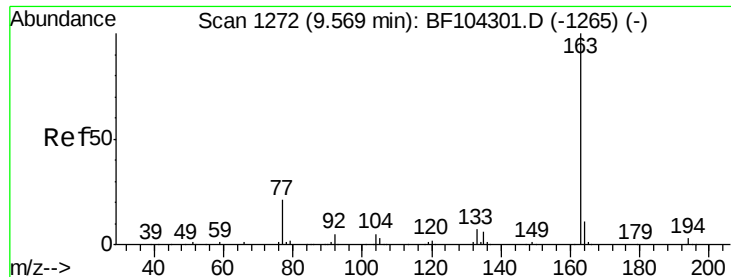
#44
 2-Fluorobiphenyl
 Concen: 98.476 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105058.D
 Acq: 3 May 2018 4:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	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

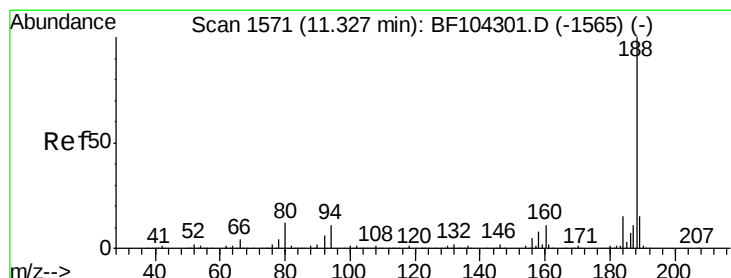
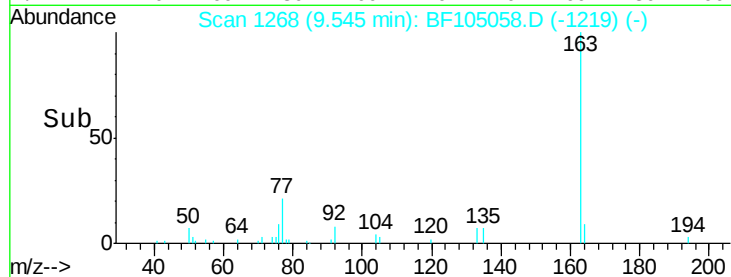
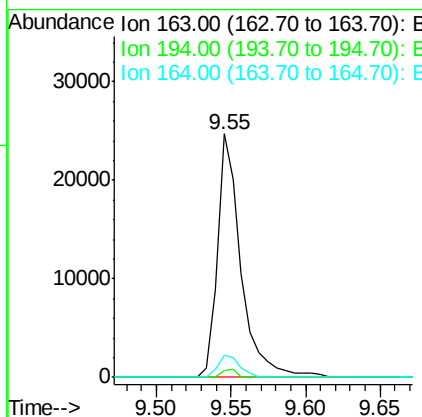
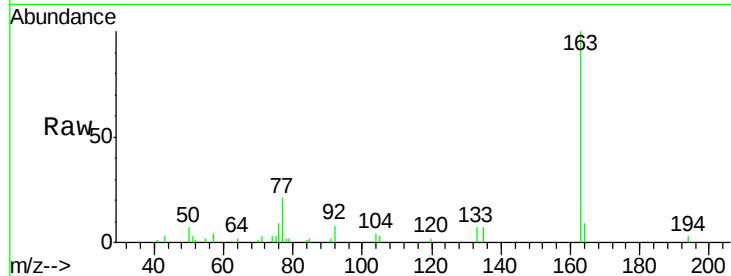




#49
Dimethylphthalate
Concen: 2.201 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105058.D
Acq: 3 May 2018 4:16

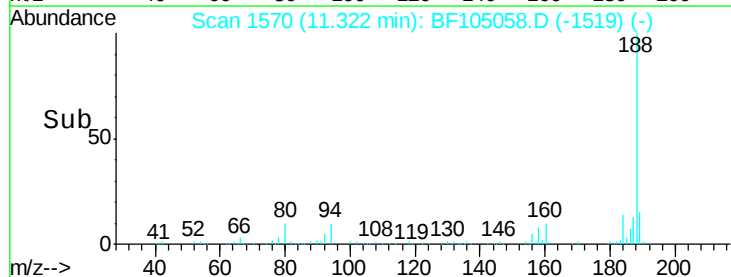
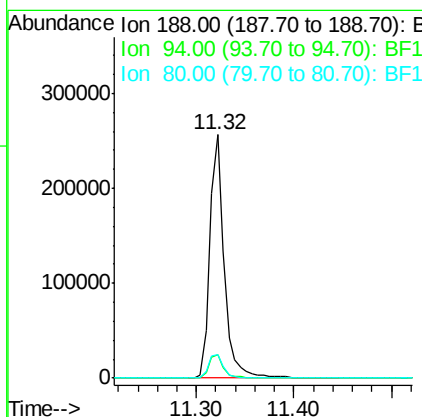
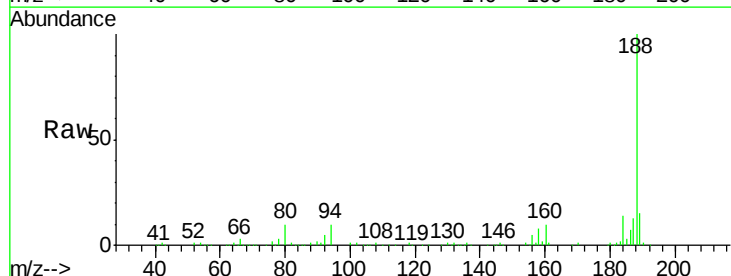
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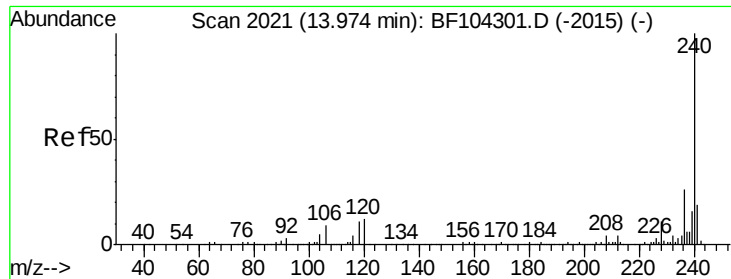
Tot Ion:163 Resp: 27286
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 9.0 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105058.D
Acq: 3 May 2018 4:16

Tgt Ion:188 Resp: 262052
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 9.6 9.2 13.8

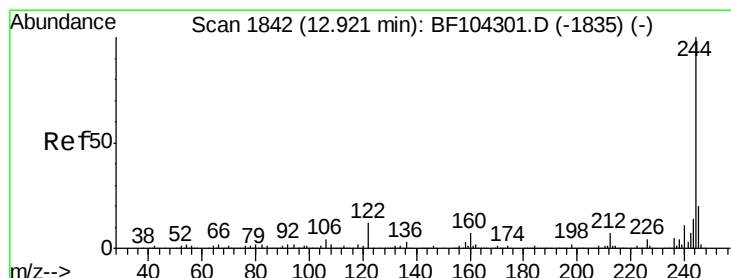
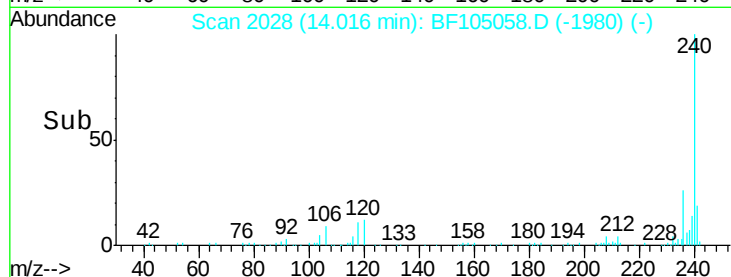
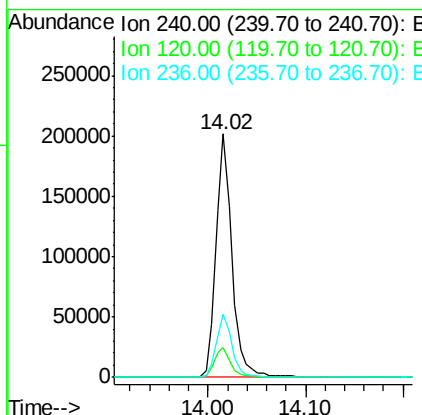
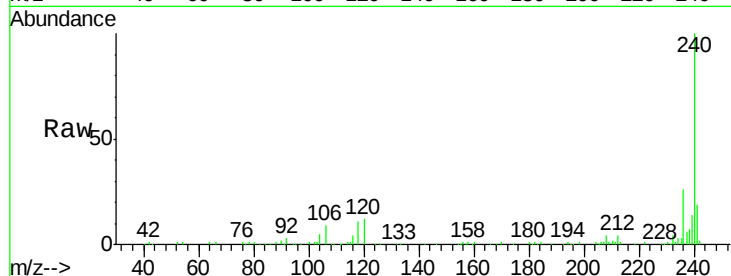




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF105058.D
Acq: 3 May 2018 4:16

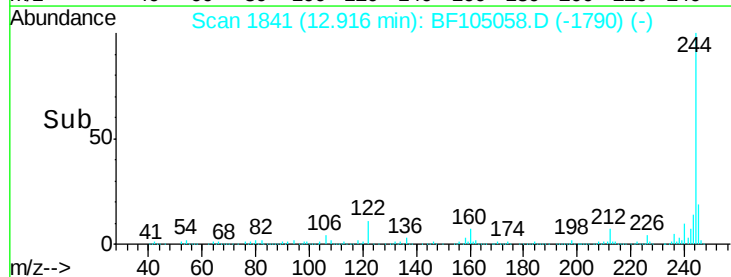
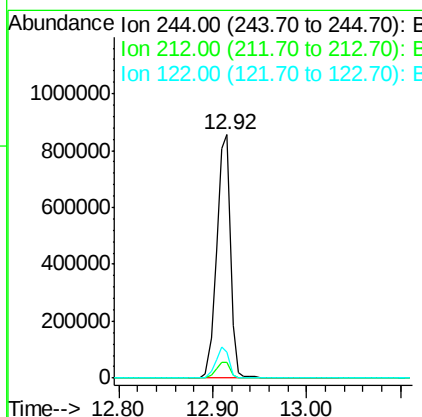
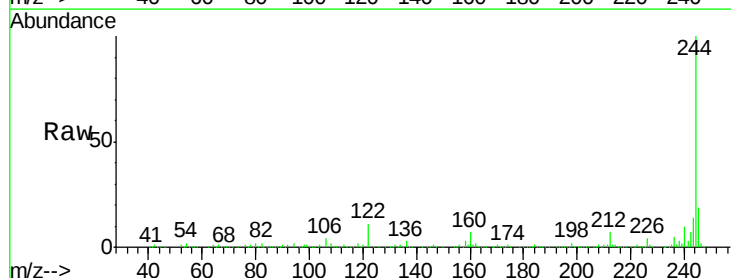
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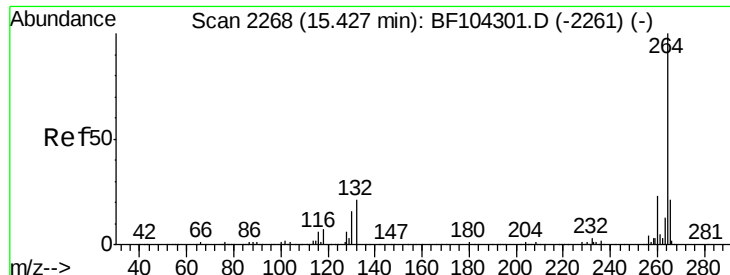
Tot Ion:240 Resp: 228425
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 25.8 20.7 31.1



#78
Terphenyl-d14
Concen: 88.110 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF105058.D
Acq: 3 May 2018 4:16

Tgt Ion:244 Resp: 882807
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 10.7 11.0 16.4#

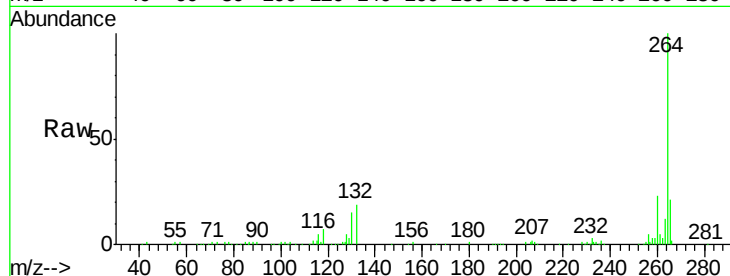




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.02 min
Lab File: BF105058.D
Acq: 3 May 2018 4:16

Instrument :
BNA_F
ClientSampleId :
043018-SIDI-F-U-S

Tot Ion:264 Resp: 180318
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 20.7 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

