

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105067.D
 Acq On : 3 May 2018 8:14
 Operator : JU/SJ
 Sample : PB108808BL
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108808BL

Quant Time: May 03 09:08:39 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	86369	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	347519	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	154718	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	259255	20.00	ng	0.00
75) Chrysene-d12	14.02	240	206315	20.00	ng	-0.02
86) Perylene-d12	15.58	264	164378	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	522751	92.55	ng	0.00
7) Phenol-d6	6.43	99	618656	89.14	ng	-0.01
23) Nitrobenzene-d5	7.36	82	540434	101.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	145542	90.68	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1000856	102.19	ng	0.00
78) Terphenyl-d14	12.92	244	869672	96.10	ng	0.00

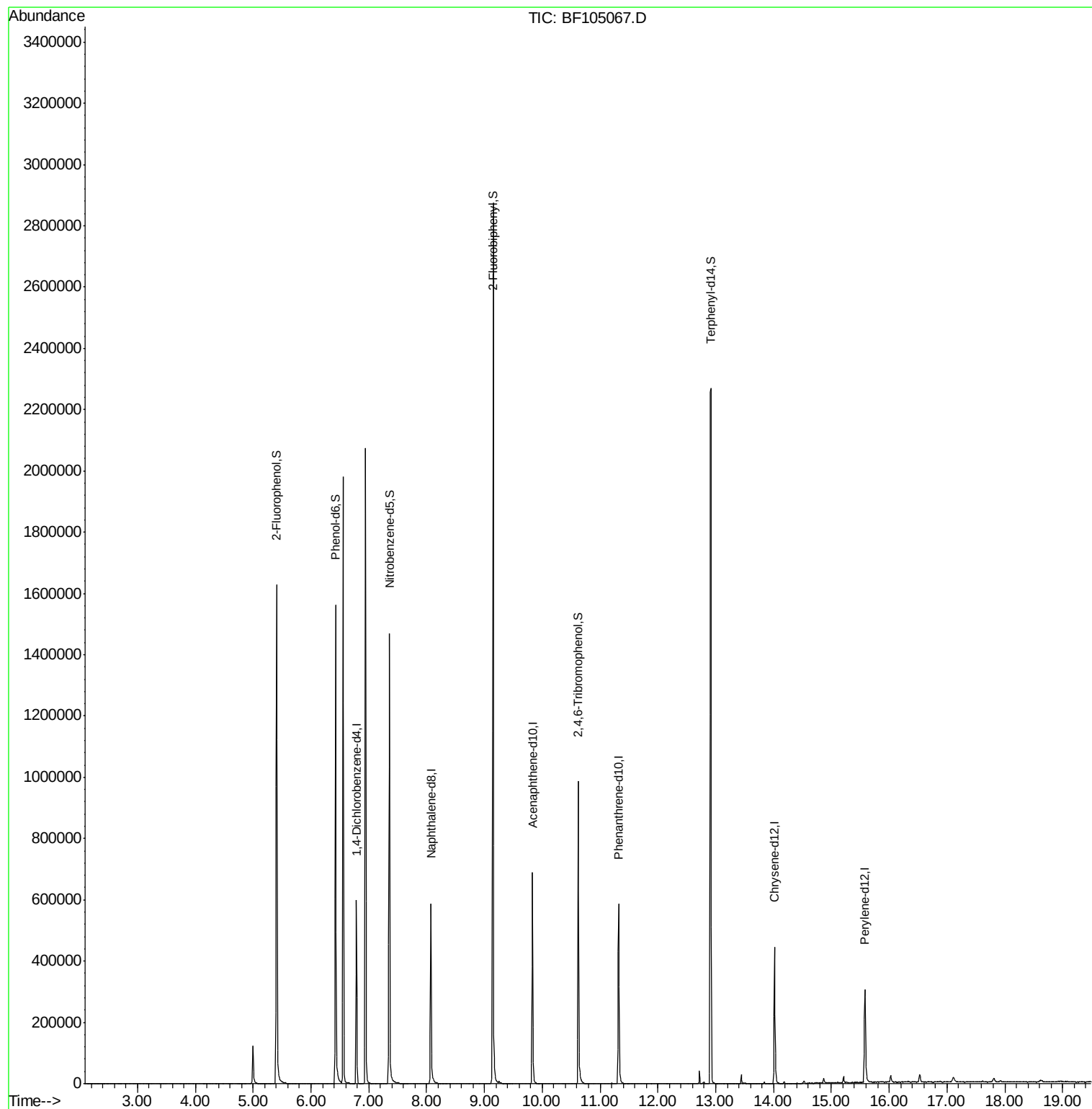
Target Compounds Qvalue

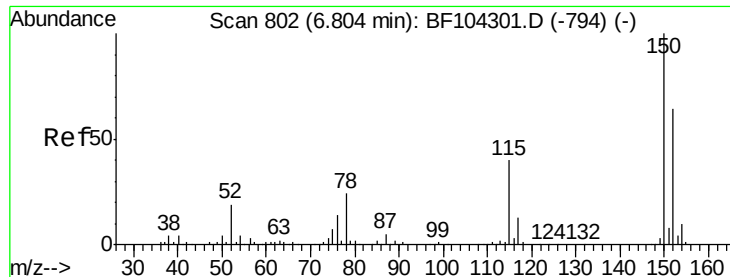
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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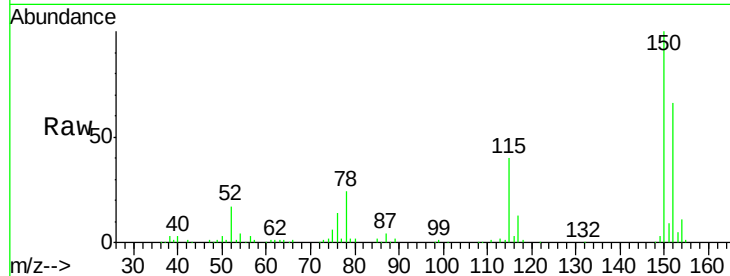


#1

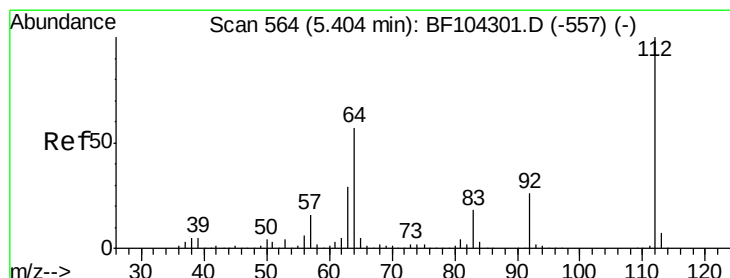
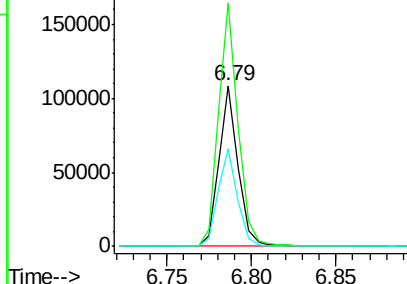
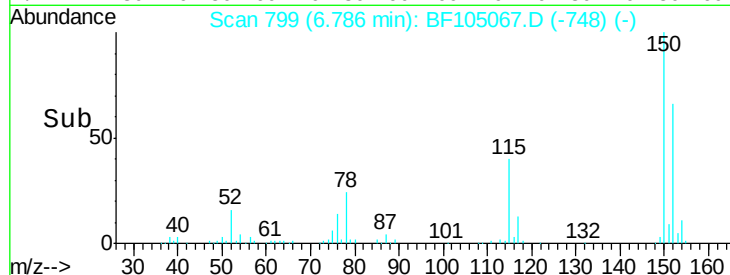
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105067.D
Acq: 3 May 2018 8:14

Instrument :
BNA_F
ClientSampleId :
PB108808BL

Tot Ion:152 Resp: 86369
Ion Ratio Lower Upper
152 100
150 151.5 124.6 186.8
115 60.5 50.1 75.1



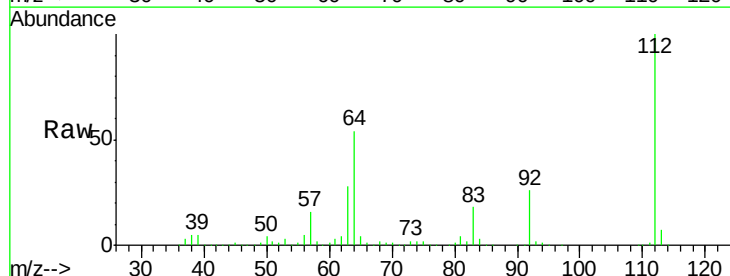
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



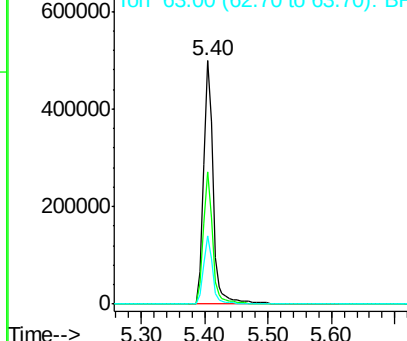
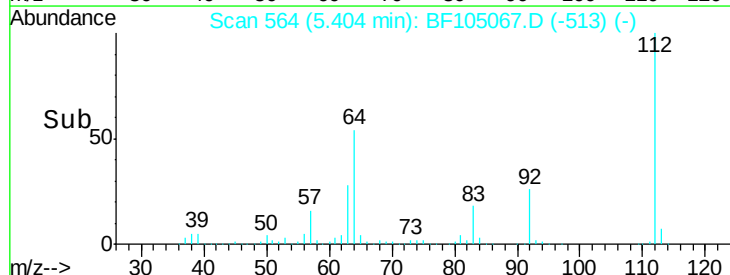
#5

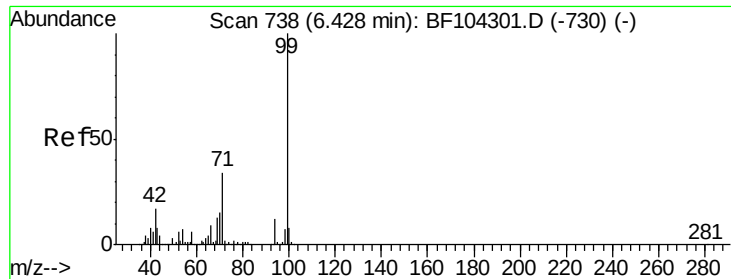
2-Fluorophenol
Concen: 92.547 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF105067.D
Acq: 3 May 2018 8:14

Tgt Ion:112 Resp: 522751
Ion Ratio Lower Upper
112 100
64 54.3 47.9 71.9
63 28.1 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: 89.141 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF105067.D

Acq: 3 May 2018 8:14

Instrument :

BNA_F

ClientSampleId :

PB108808BL

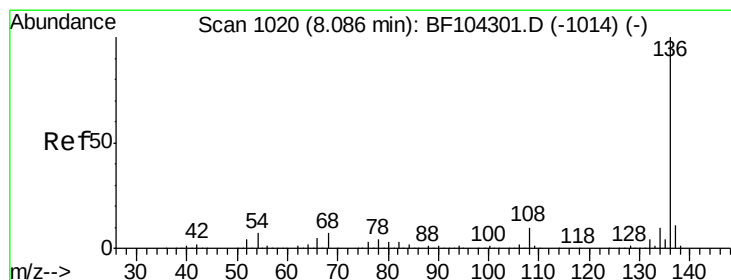
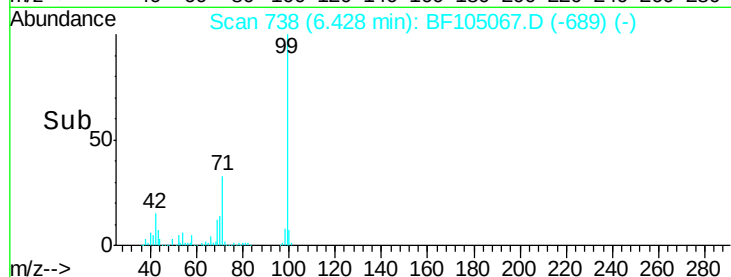
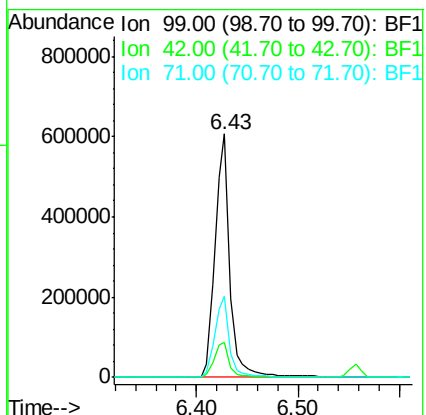
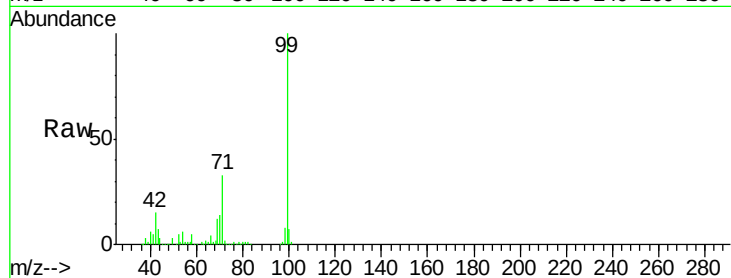
Tot Ion: 99 Resp: 618656

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

71 33.2 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: BF105067.D

Acq: 3 May 2018 8:14

Tgt Ion: 136 Resp: 347519

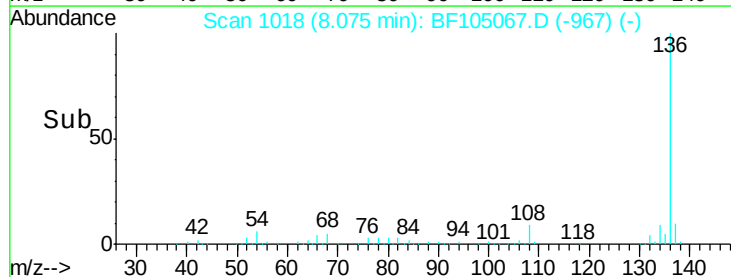
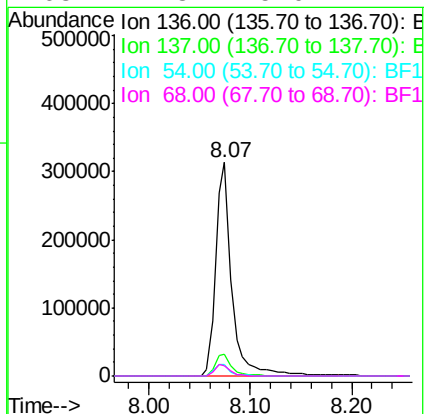
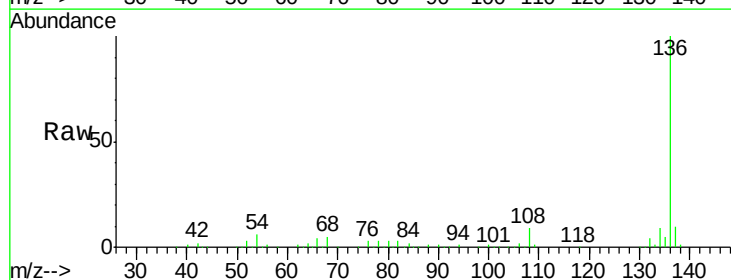
Ion Ratio Lower Upper

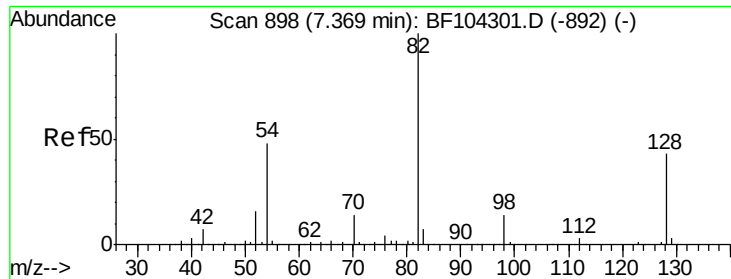
136 100

137 10.4 8.9 13.3

54 5.6 6.6 9.8#

68 4.8 5.0 7.4#

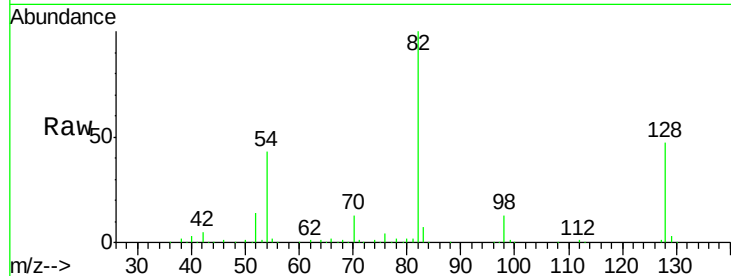




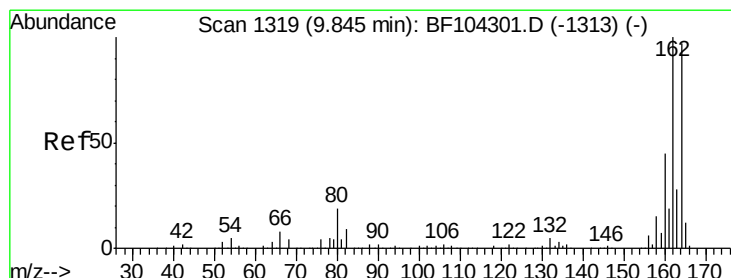
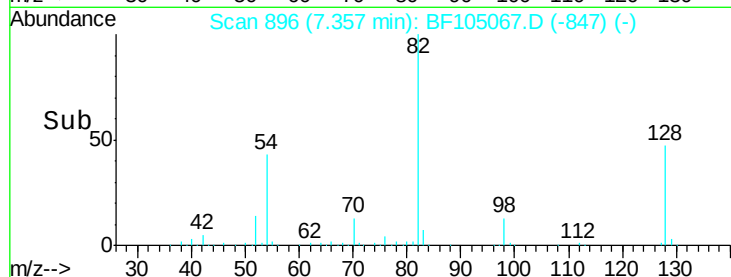
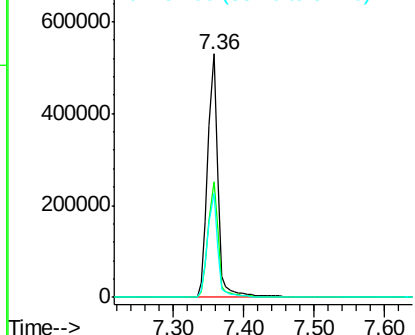
#23
 Nitrobenzene-d5
 Concen: 101.546 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105067.D
 Acq: 3 May 2018 8:14

Instrument :
 BNA_F
 ClientSampleId :
 PB108808BL

Tot Ion: 82 Resp: 540434
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.1 54.1
 54 42.9 41.4 62.2

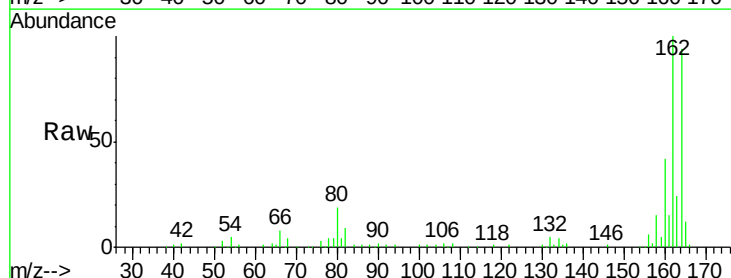


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

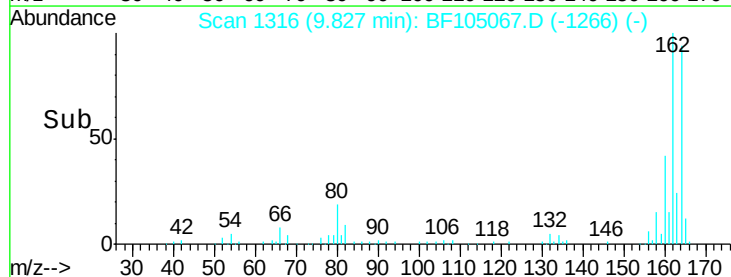
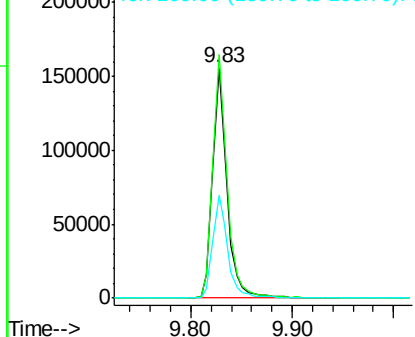


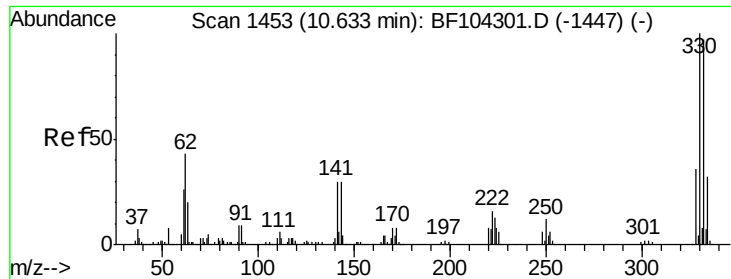
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF105067.D
 Acq: 3 May 2018 8:14

Tgt Ion: 164 Resp: 154718
 Ion Ratio Lower Upper
 164 100
 162 106.1 86.1 129.1
 160 45.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

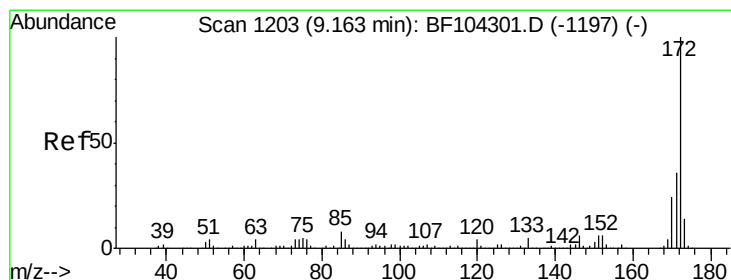
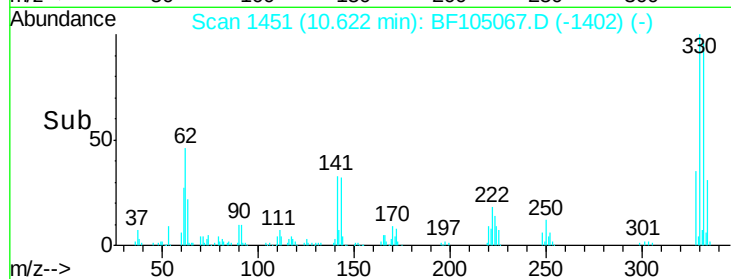
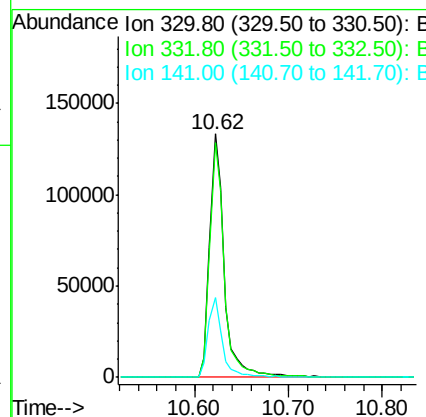
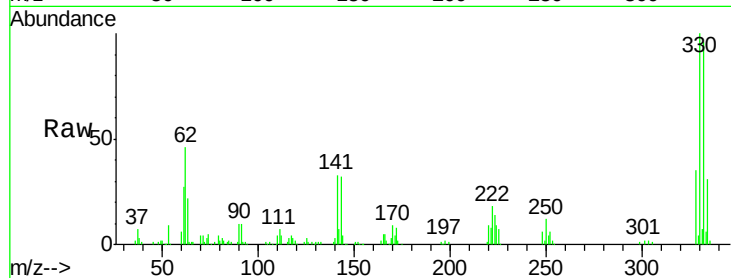




#41
 2,4,6-Tribromophenol
 Concen: 90.684 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105067.D
 Acq: 3 May 2018 8:14

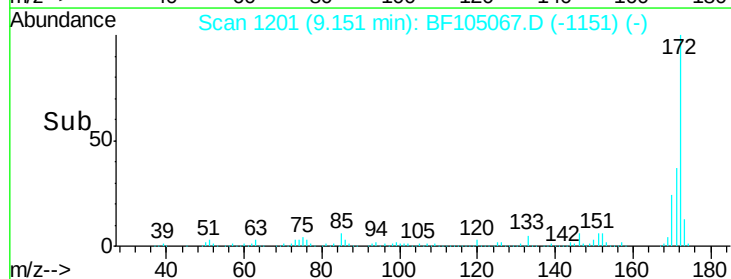
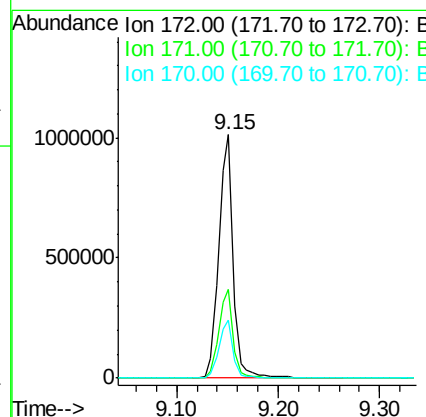
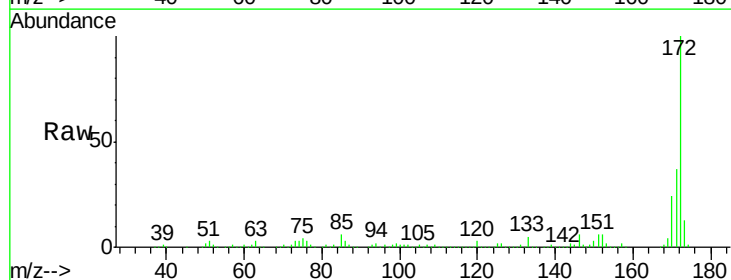
Instrument :
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 ClientSampleId :
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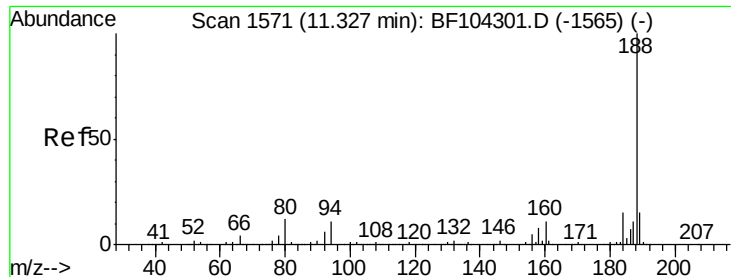
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	31.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 102.193 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105067.D
 Acq: 3 May 2018 8:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.8	19.6	29.4

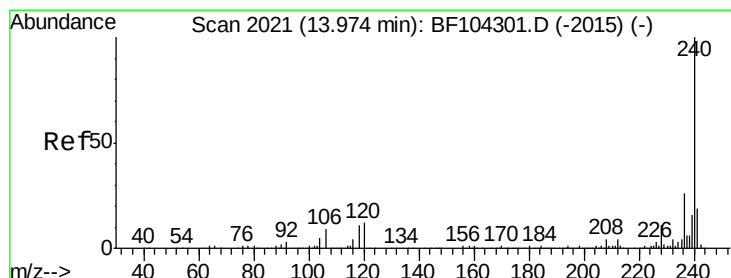
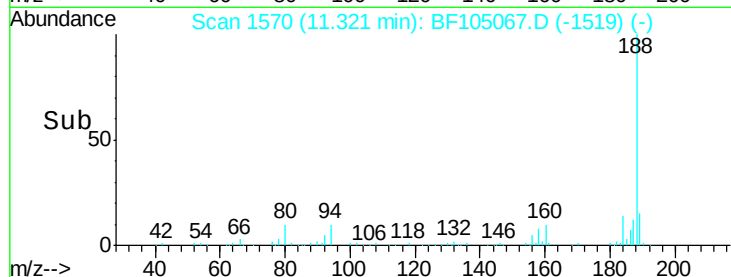
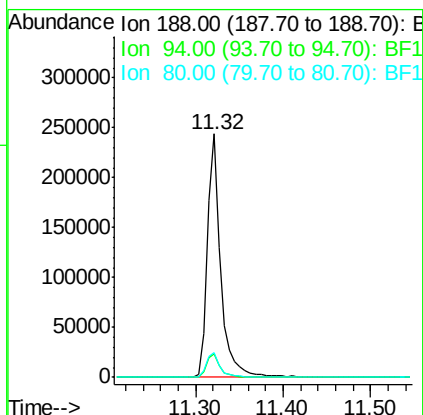
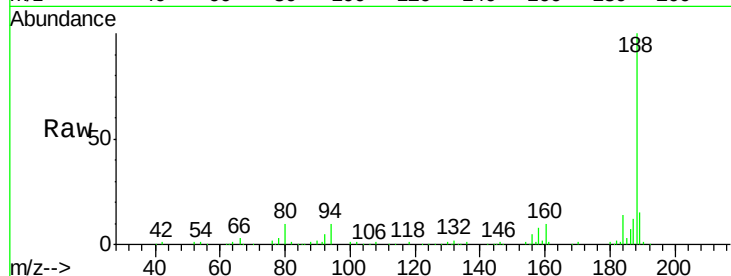




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105067.D
Acq: 3 May 2018 8:14

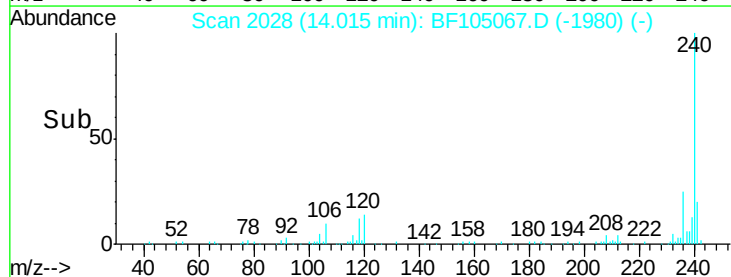
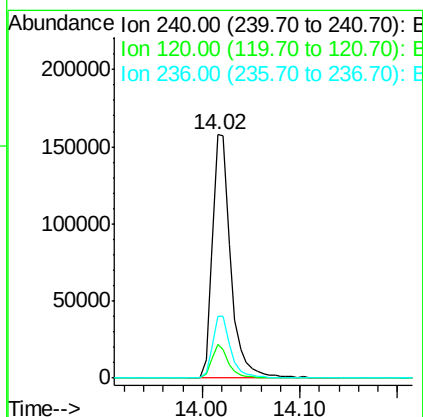
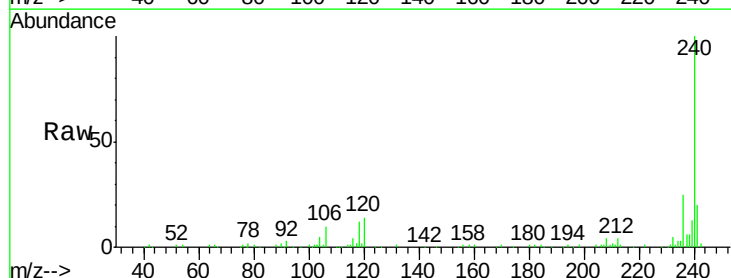
Instrument :
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ClientSampleId :
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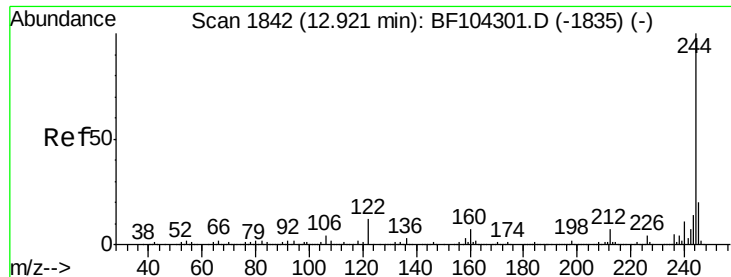
Tot Ion:188 Resp: 259255
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF105067.D
Acq: 3 May 2018 8:14

Tgt Ion:240 Resp: 206315
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.3 20.7 31.1

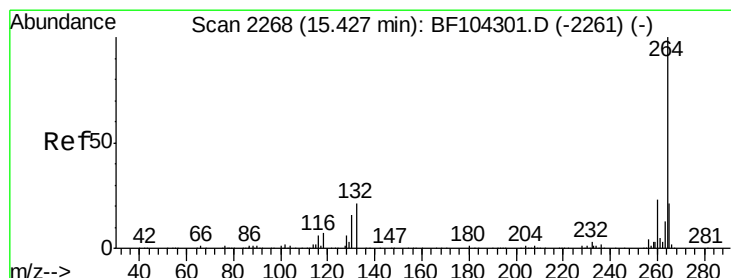
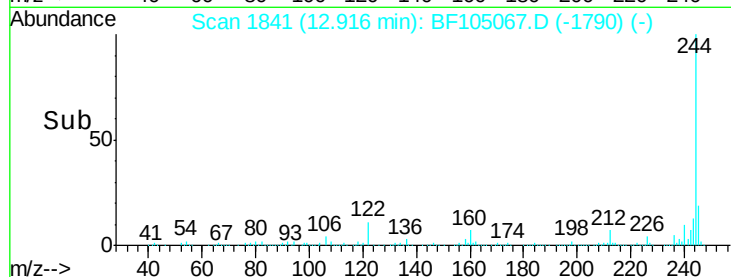
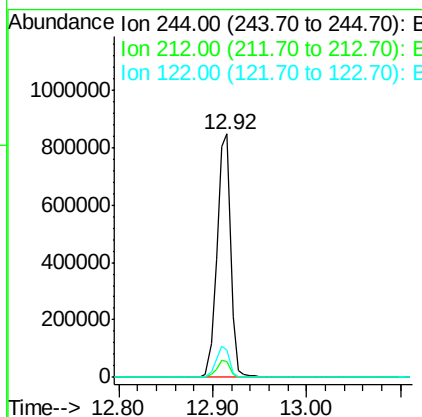
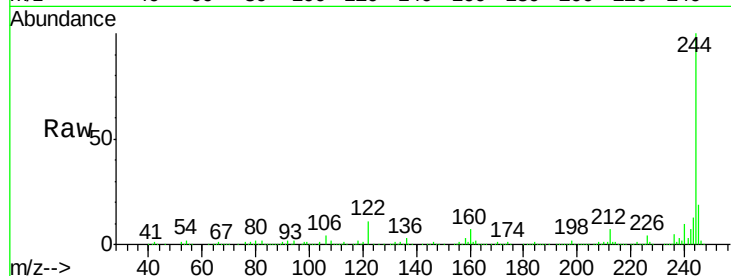




#78
 Terphenyl-d14
 Concen: 96.101 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF105067.D
 Acq: 3 May 2018 8:14

Instrument :
 BNA_F
 ClientSampleID :
 PB108808BL

Tot Ion:244 Resp: 869672
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BF105067.D
 Acq: 3 May 2018 8:14

Tgt Ion:264 Resp: 164378
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.7 17.5 26.3

